

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020723\
 Data File : VN076565.D
 Acq On : 07 Feb 2023 16:32
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN020723

Quant Time: Feb 08 09:06:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 09:04:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/08/2023
 Supervised By : Mahesh Dadoda 02/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	576908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	947998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	860567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	421898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	334908	49.184	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.360%			
35) Dibromofluoromethane	8.171	113	300365	50.969	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	10.571	98	1157314	52.202	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.400%			
62) 4-Bromofluorobenzene	12.853	95	417632	53.472	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	334902	55.879	ug/l	97
3) Chloromethane	2.377	50	265557	48.212	ug/l	100
4) Vinyl Chloride	2.530	62	254153	50.252	ug/l	98
5) Bromomethane	2.959	94	155407	41.416	ug/l	96
6) Chloroethane	3.124	64	129591	42.361	ug/l	97
7) Trichlorofluoromethane	3.512	101	434902	43.627	ug/l	98
8) Diethyl Ether	3.977	74	205005	54.309	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.389	101	309697	50.148	ug/l	99
10) Methyl Iodide	4.600	142	472768	52.340	ug/l	99
11) Tert butyl alcohol	5.536	59	206928	233.313	ug/l	99
12) 1,1-Dichloroethene	4.353	96	297137	51.503	ug/l	97
13) Acrolein	4.195	56	287651	242.777	ug/l	98
14) Allyl chloride	5.042	41	371540	49.448	ug/l	99
15) Acrylonitrile	5.730	53	647852	243.418	ug/l	99
16) Acetone	4.442	43	535406	238.495	ug/l	100
17) Carbon Disulfide	4.730	76	761986	50.984	ug/l	99
18) Methyl Acetate	5.036	43	354728	49.941	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	979678	51.060	ug/l	98
20) Methylene Chloride	5.289	84	328677	47.493	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	313709	50.028	ug/l	98
22) Diisopropyl ether	6.683	45	878780	51.604	ug/l	99
23) Vinyl Acetate	6.612	43	2835479	266.110	ug/l	99
24) 1,1-Dichloroethane	6.583	63	549598	50.260	ug/l	99
25) 2-Butanone	7.488	43	805470	249.611	ug/l	99
26) 2,2-Dichloropropane	7.500	77	460641	50.464	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	372494	50.797	ug/l	99
28) Bromochloromethane	7.824	49	215494	49.183	ug/l	98
29) Tetrahydrofuran	7.841	42	518603	250.061	ug/l	100
30) Chloroform	7.971	83	597956	50.407	ug/l	99
31) Cyclohexane	8.259	56	515756	47.922	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	541372	50.931	ug/l	96
36) 1,1-Dichloropropene	8.377	75	438768	52.148	ug/l	100
37) Ethyl Acetate	7.571	43	327257	51.915	ug/l	99
38) Carbon Tetrachloride	8.371	117	475869	52.603	ug/l	98
39) Methylcyclohexane	9.606	83	570065	54.556	ug/l	98
40) Benzene	8.612	78	1335422	52.358	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	185187	51.884	ug/l	99
42) 1,2-Dichloroethane	8.677	62	425805	51.276	ug/l	100
43) Isopropyl Acetate	8.694	43	559652	53.354	ug/l	100
44) Trichloroethene	9.353	130	355502	52.196	ug/l	98
45) 1,2-Dichloropropane	9.624	63	315382	51.484	ug/l	99
46) Dibromomethane	9.712	93	222499	50.351	ug/l	98
47) Bromodichloromethane	9.894	83	464967	52.325	ug/l	97
48) Methyl methacrylate	9.682	41	266719	51.703	ug/l	99
49) 1,4-Dioxane	9.694	88	114965	1041.794	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	1633645	259.137	ug/l	100
52) Toluene	10.635	92	876617	53.257	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	482760	56.227	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	538974	55.048	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	327990	50.876	ug/l	97
56) Ethyl methacrylate	10.876	69	483436	56.030	ug/l	98
57) 1,3-Dichloropropane	11.165	76	543556	52.088	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	702306	284.831	ug/l	99
59) 2-Hexanone	11.200	43	1171758	260.717	ug/l	100
60) Dibromochloromethane	11.365	129	364418	53.638	ug/l	99
61) 1,2-Dibromoethane	11.470	107	337449	52.879	ug/l	99
64) Tetrachloroethene	11.106	164	365908	51.063	ug/l	98
65) Chlorobenzene	11.894	112	910012	51.134	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	342860	52.024	ug/l	99
67) Ethyl Benzene	11.965	91	1692251	53.506	ug/l	98
68) m/p-Xylenes	12.070	106	1329242	107.871	ug/l	100
69) o-Xylene	12.400	106	651528	53.994	ug/l	99
70) Styrene	12.412	104	1073067	55.913	ug/l	100
71) Bromoform	12.582	173	252539	54.897	ug/l #	99
73) Isopropylbenzene	12.700	105	1720052	49.781	ug/l	100
74) N-amyl acetate	12.494	43	487201	50.562	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	445210	47.009	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	400383m	50.864	ug/l	
77) Bromobenzene	12.982	156	387053	48.159	ug/l	99
78) n-propylbenzene	13.041	91	1991636	52.348	ug/l	100
79) 2-Chlorotoluene	13.129	91	1195026	49.308	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1488046	51.891	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	134840	52.600	ug/l	95
82) 4-Chlorotoluene	13.129	91	1195026	49.308	ug/l	99
83) tert-Butylbenzene	13.441	119	1317387	51.289	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	1491004	52.246	ug/l	100
85) sec-Butylbenzene	13.617	105	1849985	53.411	ug/l	100
86) p-Isopropyltoluene	13.735	119	1569258	55.285	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	743677	50.275	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	728190	48.462	ug/l	99
89) n-Butylbenzene	14.059	91	1285749	57.204	ug/l	100
90) Hexachloroethane	14.335	117	255507	51.678	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	723664	49.621	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	79462	48.479	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	354103	52.989	ug/l	99
94) Hexachlorobutadiene	15.506	225	191131	50.864	ug/l	99
95) Naphthalene	15.641	128	1005543	51.721	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	333395	52.095	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :

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ClientSampleId :

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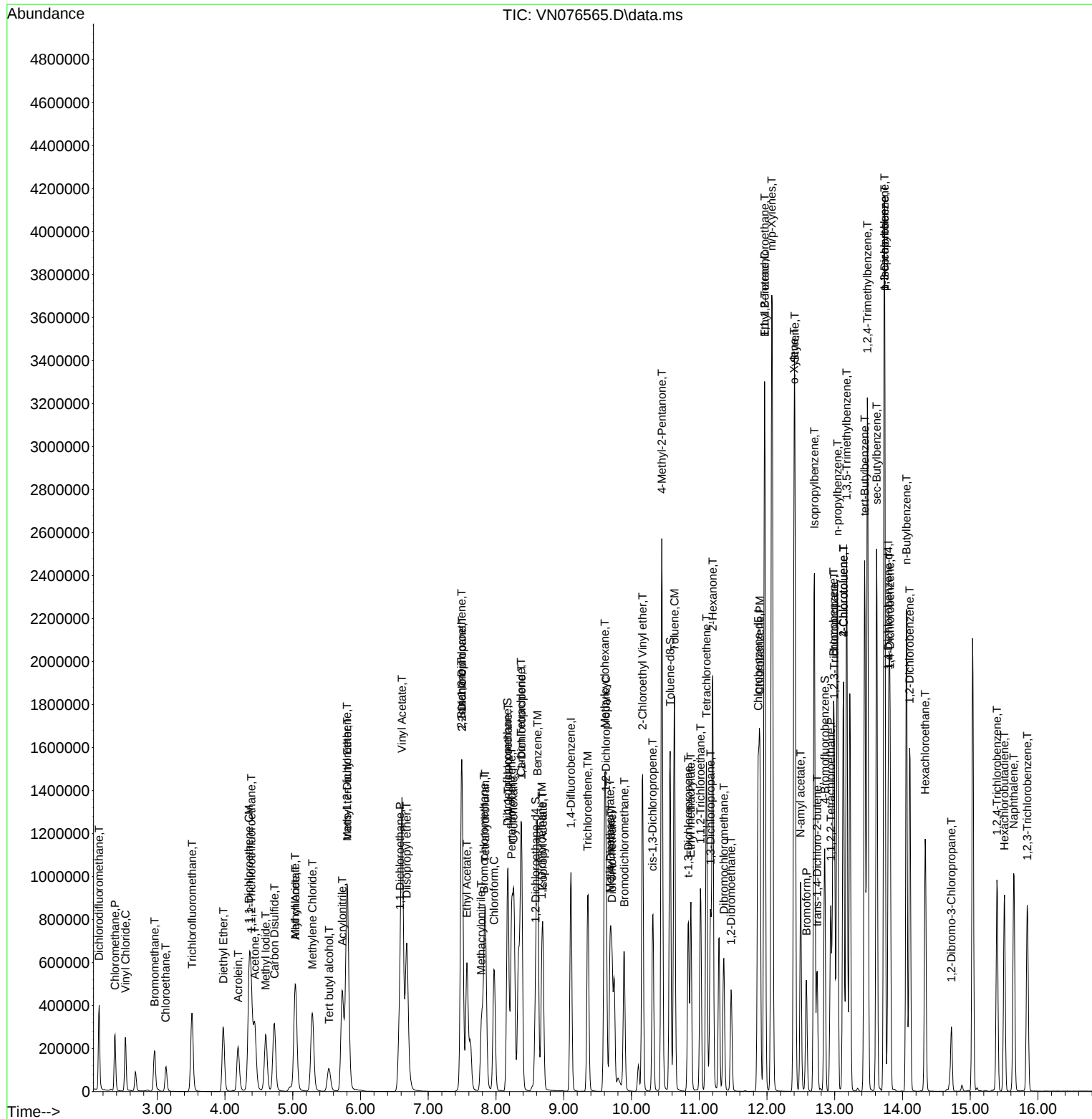
Manual Integrations

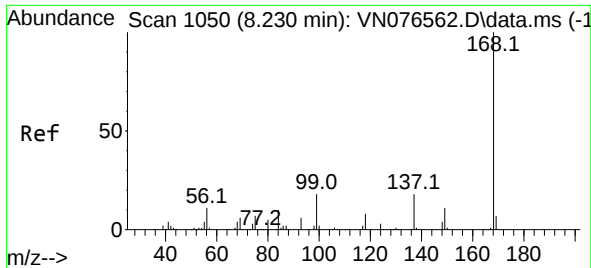
APPROVED

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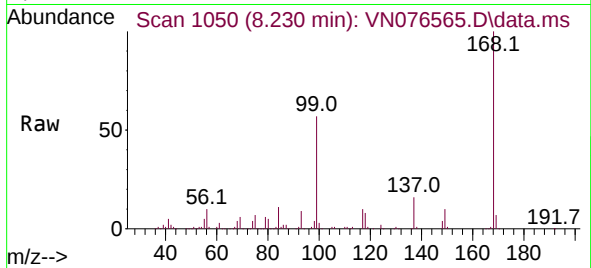
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076565.D
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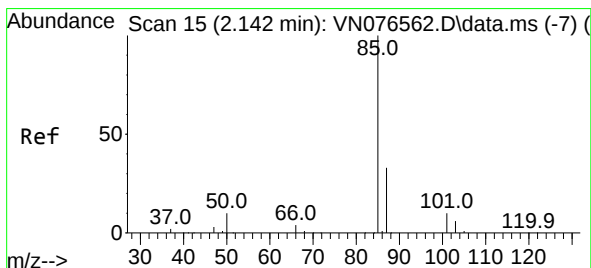
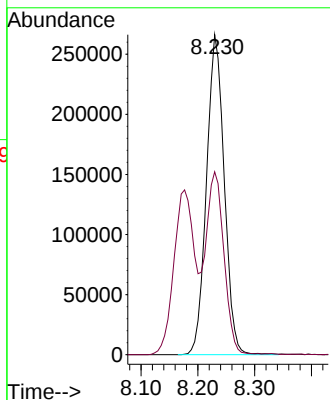
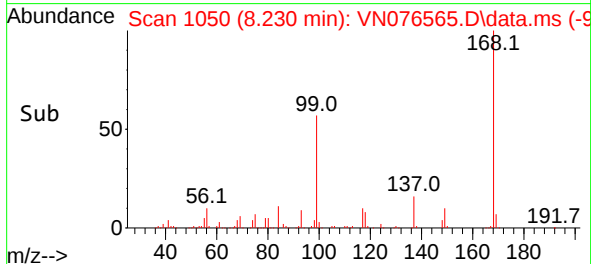
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Tgt Ion:168 Resp: 576908
Ion Ratio Lower Upper
168 100
99 57.0 47.8 71.8

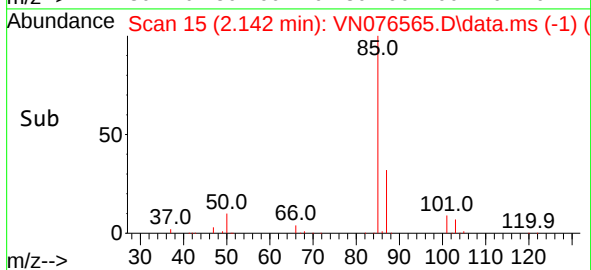
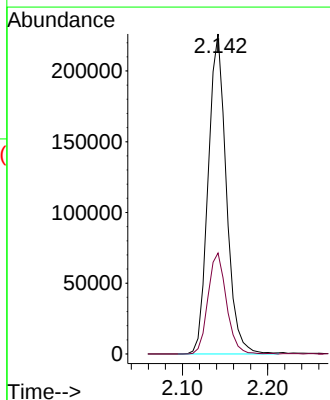
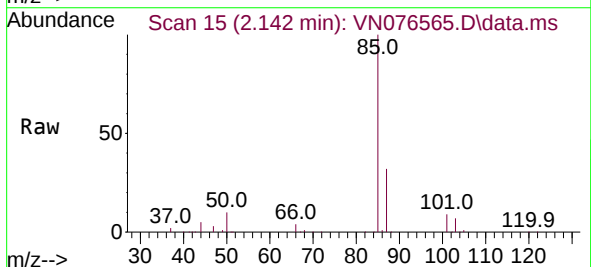
Manual Integrations
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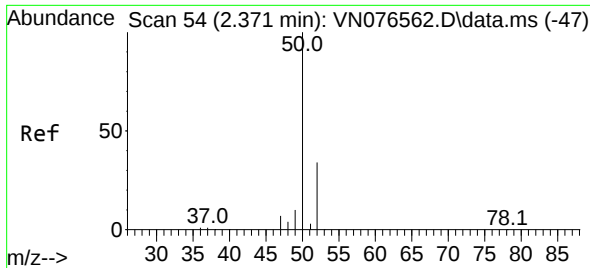
Reviewed By :John Carlone 02/08/2023
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#2
Dichlorodifluoromethane
Concen: 55.879 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

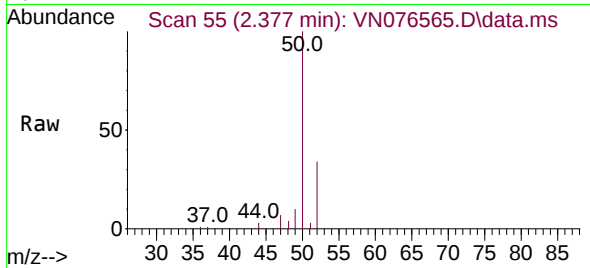
Tgt Ion: 85 Resp: 334902
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8





#3
Chloromethane
Concen: 48.212 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

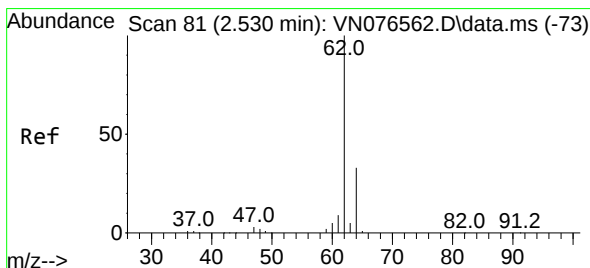
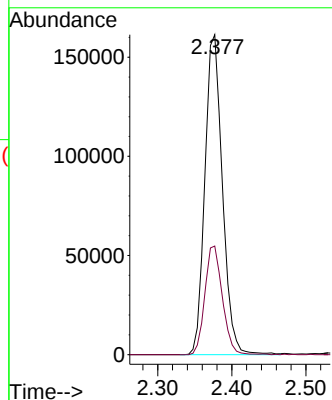
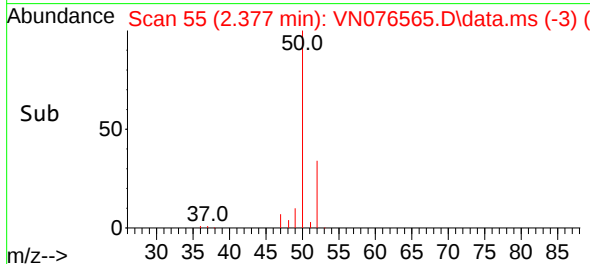
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Tgt Ion: 50 Resp: 26555
Ion Ratio Lower Upper
50 100
52 33.9 27.0 40.4

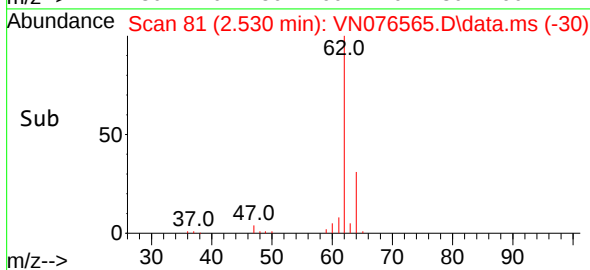
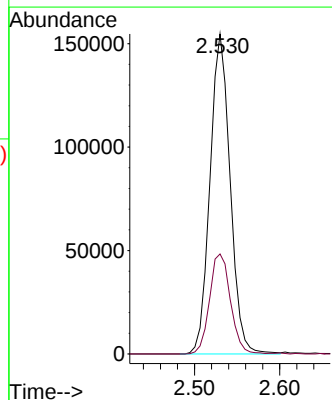
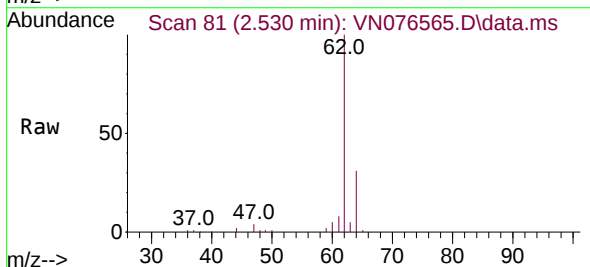
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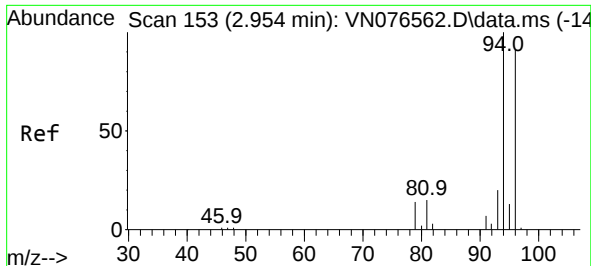
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#4
Vinyl Chloride
Concen: 50.252 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

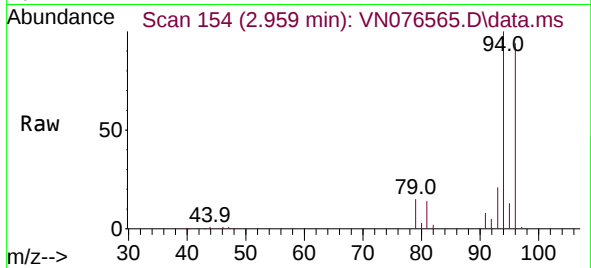
Tgt Ion: 62 Resp: 254153
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





#5
Bromomethane
Concen: 41.416 ug/l
RT: 2.959 min Scan# 154
Delta R.T. 0.006 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

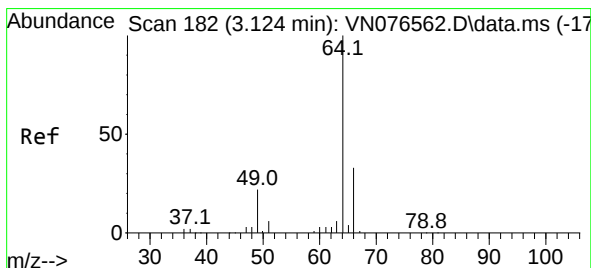
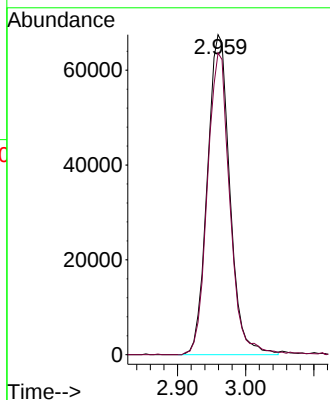
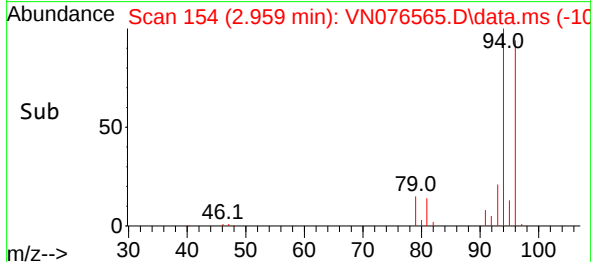
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Tgt Ion: 94 Resp: 15540
Ion Ratio Lower Upper
94 100
96 94.3 72.7 109.1

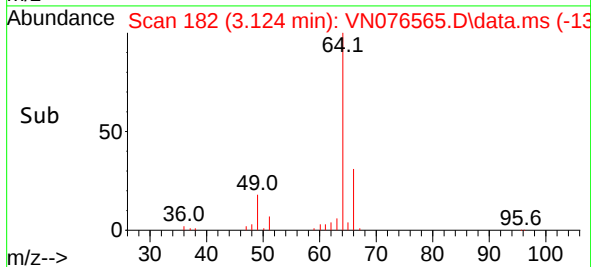
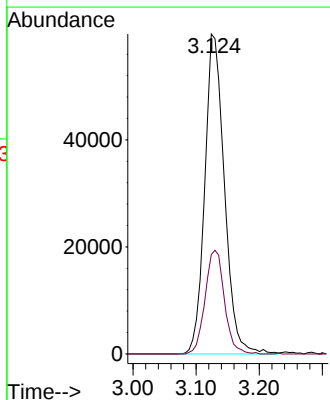
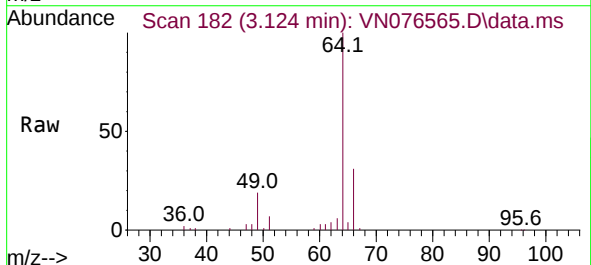
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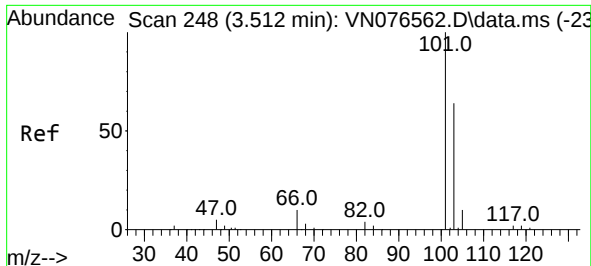
Reviewed By :John Carlone 02/08/2023
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#6
Chloroethane
Concen: 42.361 ug/l
RT: 3.124 min Scan# 182
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

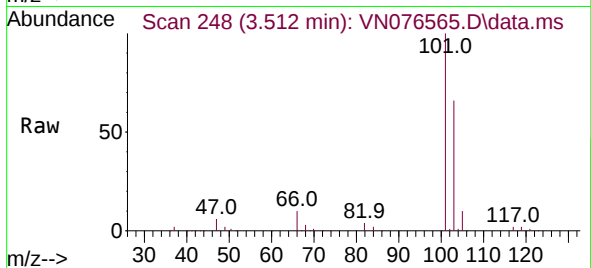
Tgt Ion: 64 Resp: 129591
Ion Ratio Lower Upper
64 100
66 31.1 26.3 39.5





#7
Trichlorofluoromethane
Concen: 43.627 ug/l
RT: 3.512 min Scan# 248
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

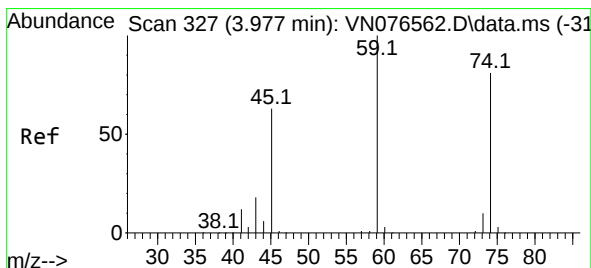
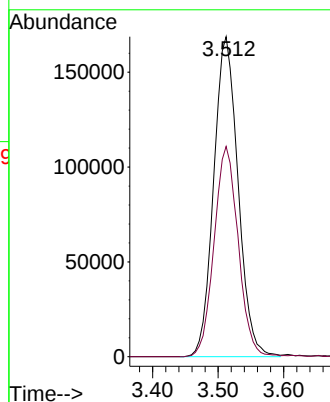
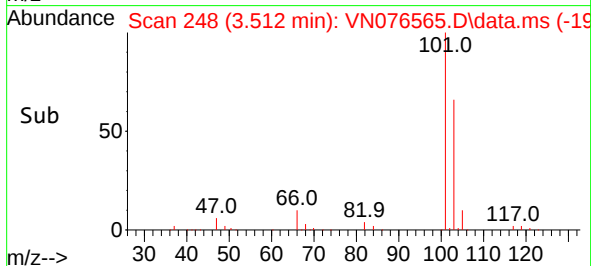
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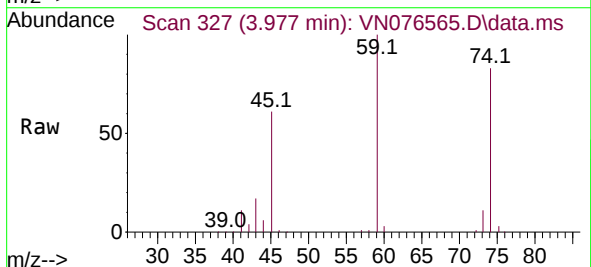
Tgt Ion:101 Resp: 434902
Ion Ratio Lower Upper
101 100
103 65.7 51.3 76.9

Manual Integrations
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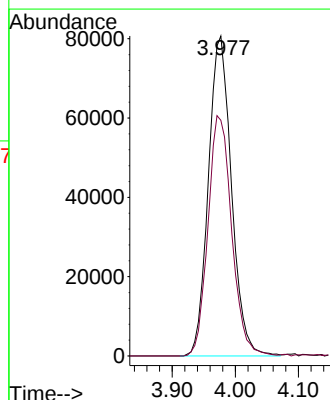
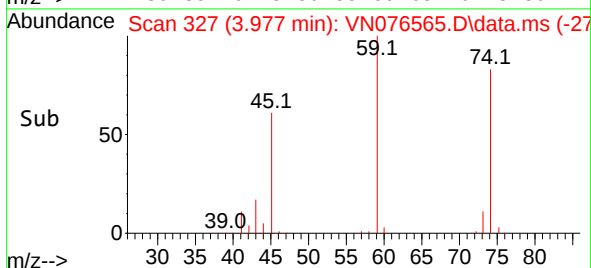
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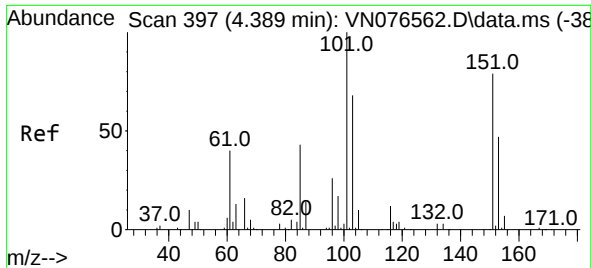


#8
Diethyl Ether
Concen: 54.309 ug/l
RT: 3.977 min Scan# 327
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32



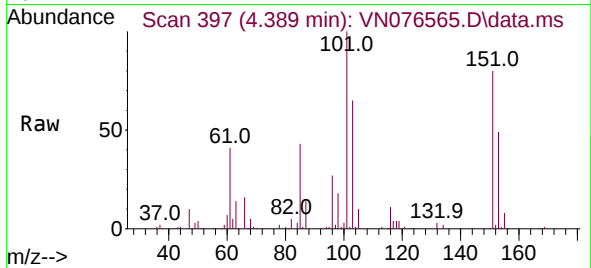
Tgt Ion: 74 Resp: 205005
Ion Ratio Lower Upper
74 100
45 77.0 39.8 119.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.148 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

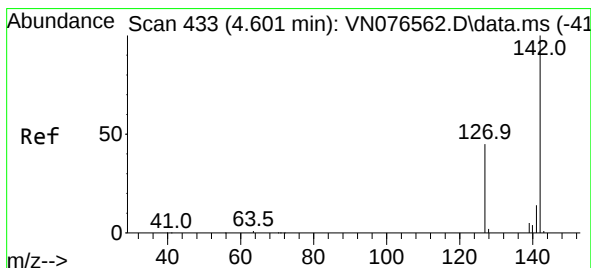
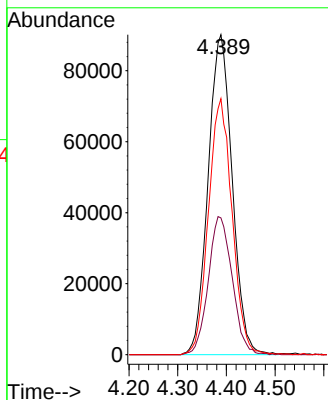
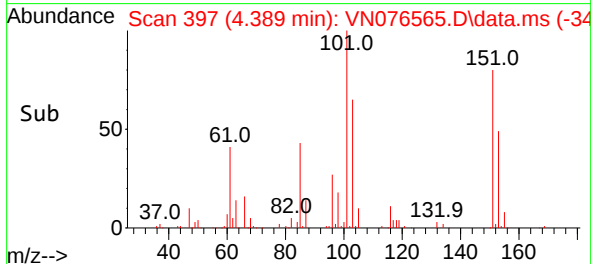
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion:101 Resp: 309697
Ion Ratio Lower Upper
101 100
85 42.8 33.9 50.9
151 78.5 62.5 93.7

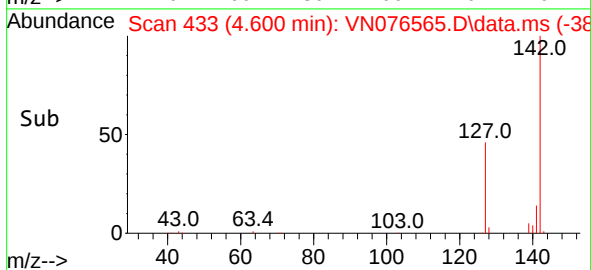
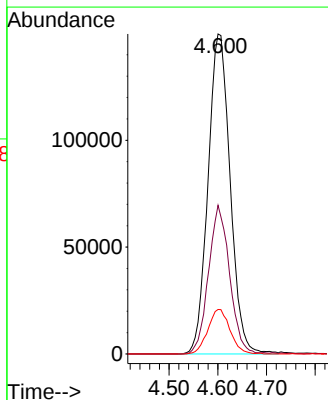
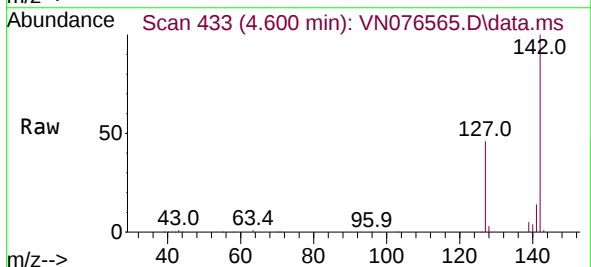
Manual Integrations
APPROVED

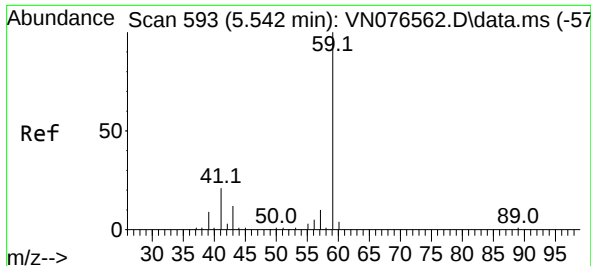
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#10
Methyl Iodide
Concen: 52.340 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

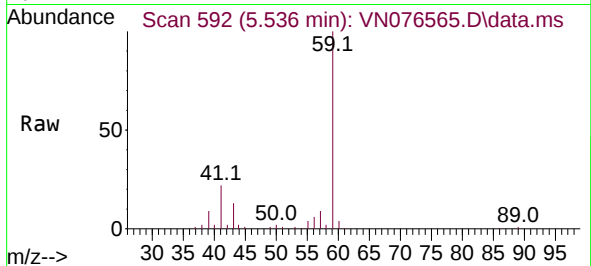
Tgt Ion:142 Resp: 472768
Ion Ratio Lower Upper
142 100
127 44.2 34.8 52.2
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 233.313 ug/l
RT: 5.536 min Scan# 593
Delta R.T. -0.006 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

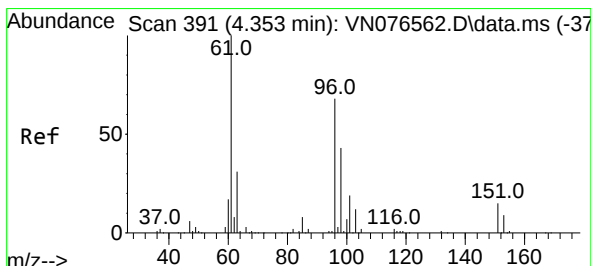
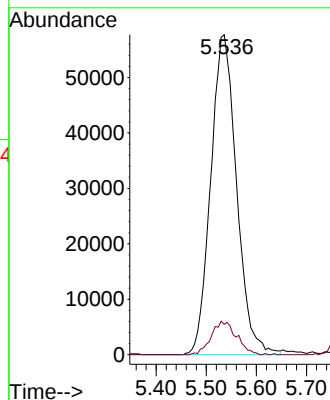
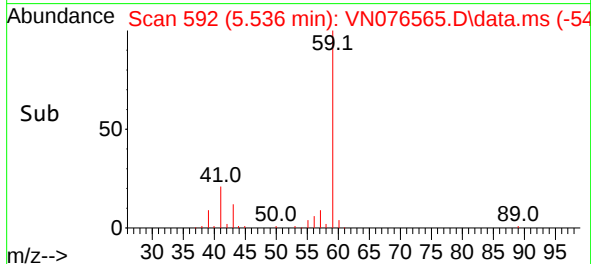
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion: 59 Resp: 206928
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

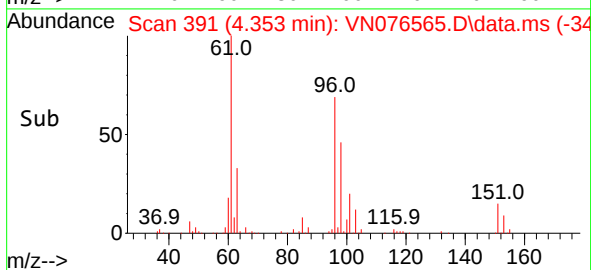
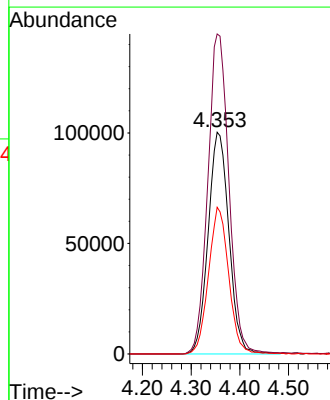
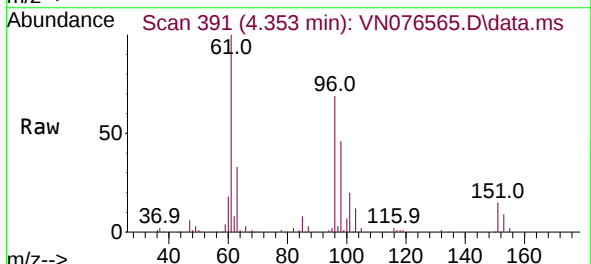
Manual Integrations
APPROVED

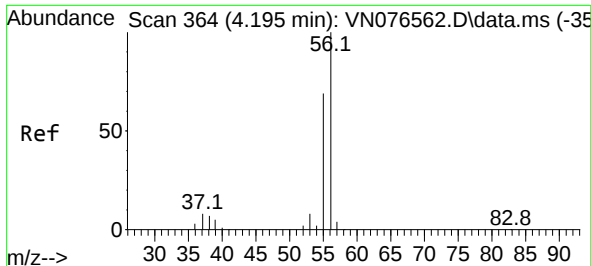
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#12
1,1-Dichloroethene
Concen: 51.503 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

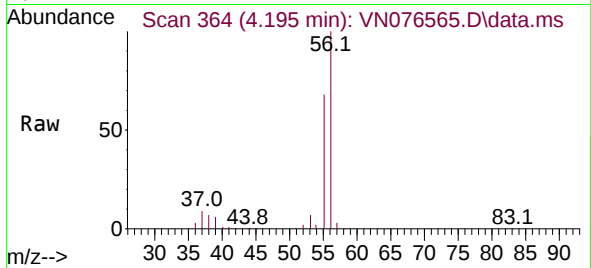
Tgt Ion: 96 Resp: 297137
Ion Ratio Lower Upper
96 100
61 144.3 118.3 177.5
98 66.1 50.7 76.1





#13
Acrolein
Concen: 242.777 ug/l
RT: 4.195 min Scan# 364
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

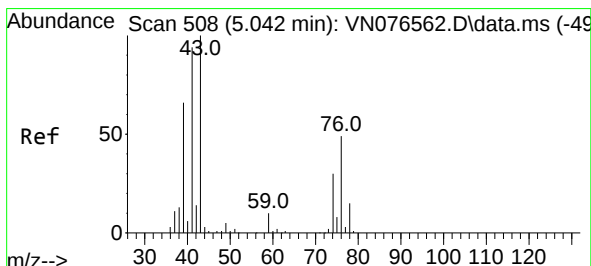
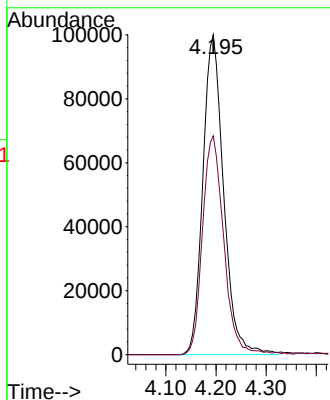
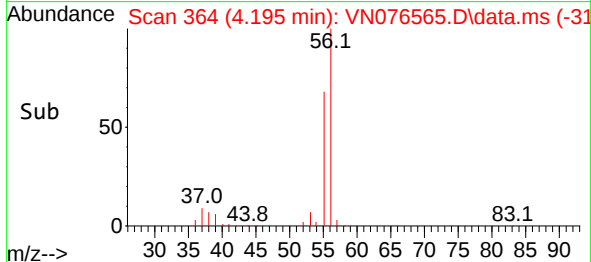
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion: 56 Resp: 28765
Ion Ratio Lower Upper
56 100
55 69.7 54.7 82.1

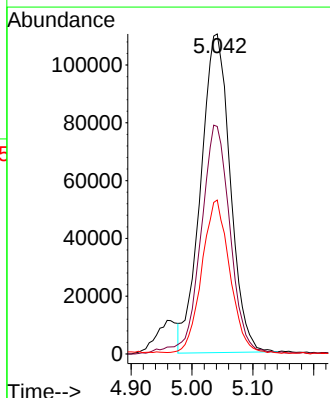
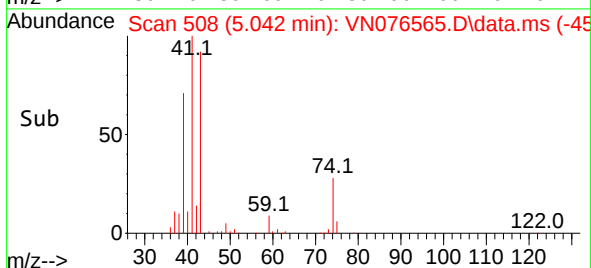
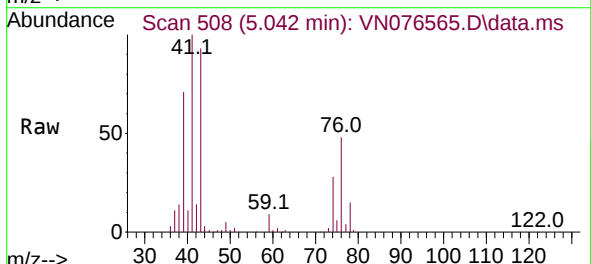
Manual Integrations
APPROVED

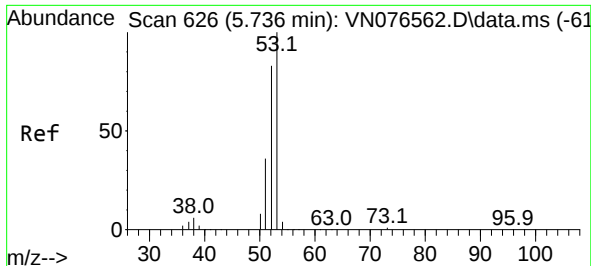
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#14
Allyl chloride
Concen: 49.448 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

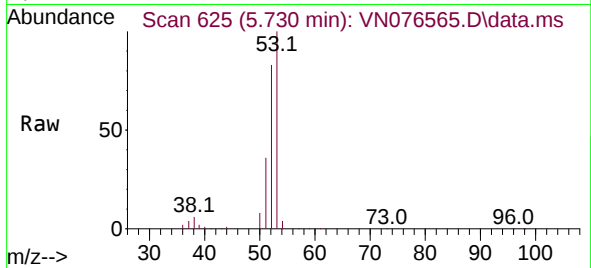
Tgt Ion: 41 Resp: 371540
Ion Ratio Lower Upper
41 100
39 71.4 55.8 83.6
76 45.6 36.8 55.2





#15
Acrylonitrile
Concen: 243.418 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

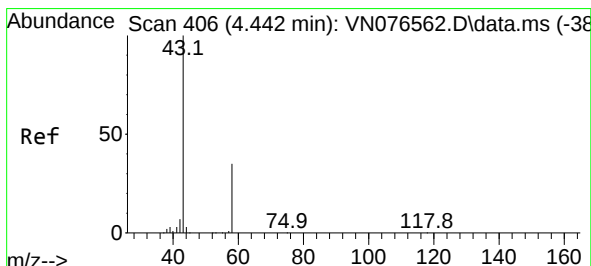
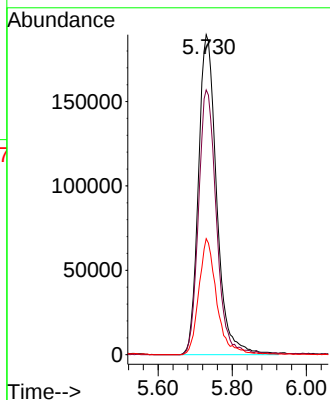
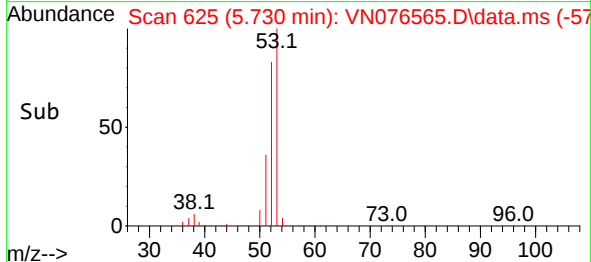
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion: 53 Resp: 647852
Ion Ratio Lower Upper
53 100
52 81.0 64.6 96.8
51 35.8 27.9 41.9

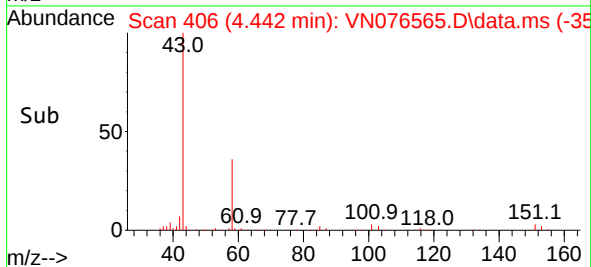
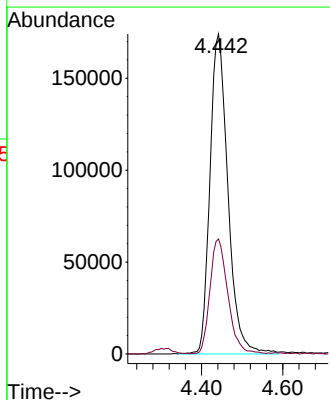
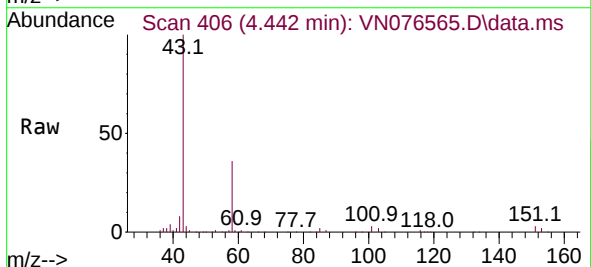
Manual Integrations
APPROVED

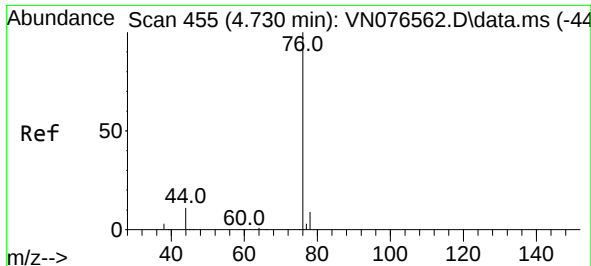
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#16
Acetone
Concen: 238.495 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

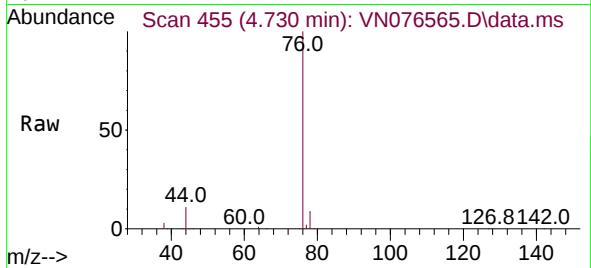
Tgt Ion: 43 Resp: 535406
Ion Ratio Lower Upper
43 100
58 35.7 28.4 42.6





#17
Carbon Disulfide
Concen: 50.984 ug/l
RT: 4.730 min Scan# 455
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

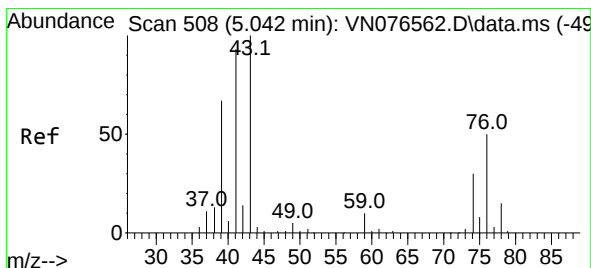
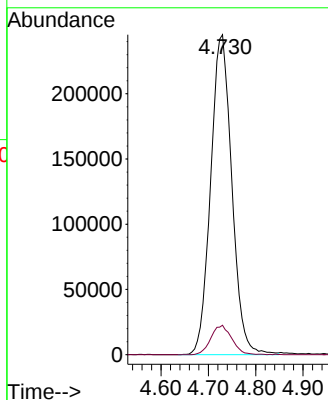
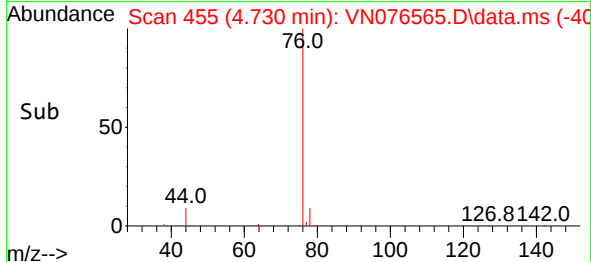
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



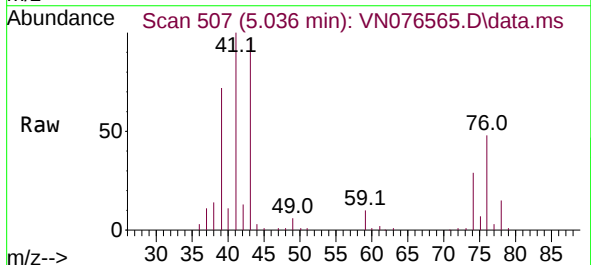
Tgt Ion: 76 Resp: 761986
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

Manual Integrations
APPROVED

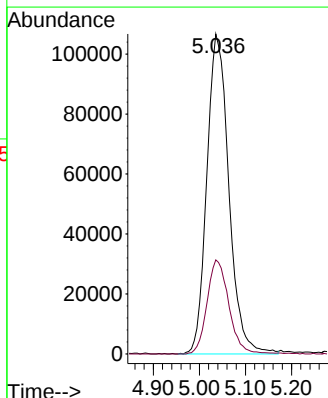
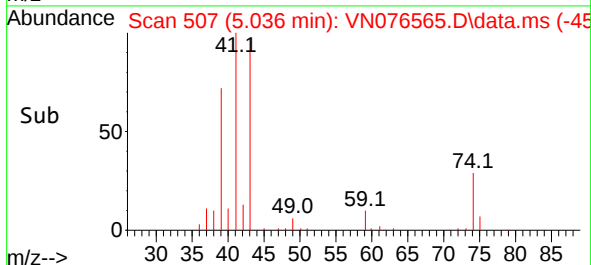
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

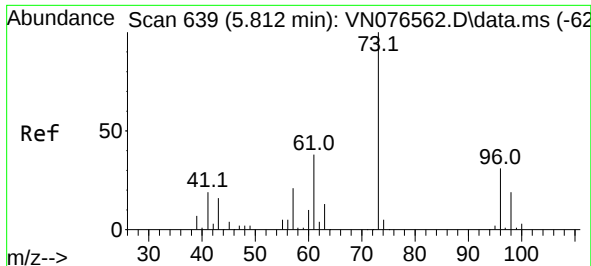


#18
Methyl Acetate
Concen: 49.941 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32



Tgt Ion: 43 Resp: 354728
Ion Ratio Lower Upper
43 100
74 29.3 23.9 35.9





#19
Methyl tert-butyl Ether
Concen: 51.060 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

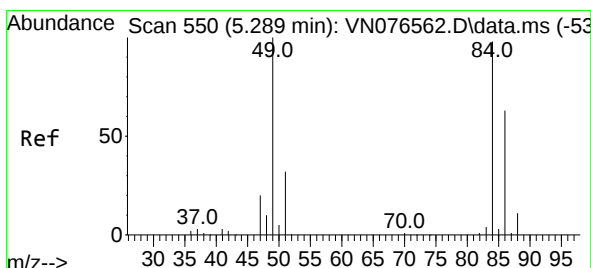
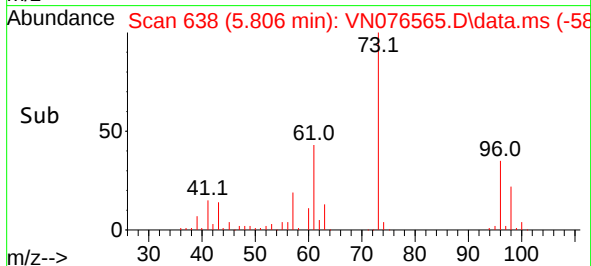
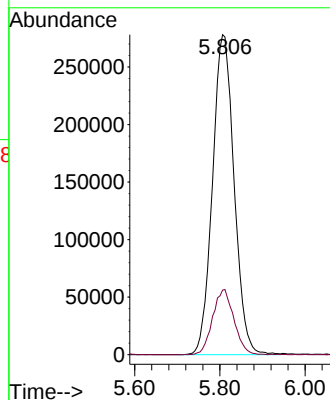
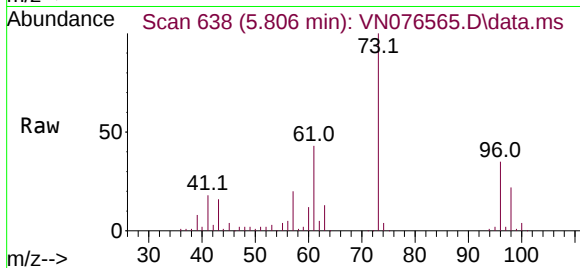
ICVVN020723

Tgt Ion: 73 Resp: 979678
Ion Ratio Lower Upper
73 100
57 20.2 17.0 25.6

Manual Integrations

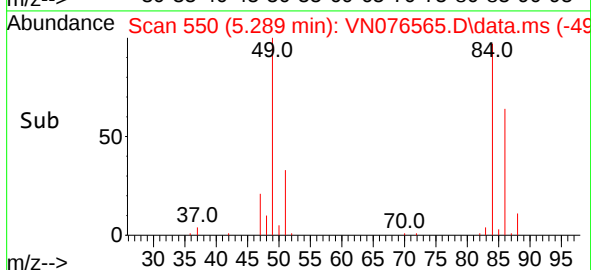
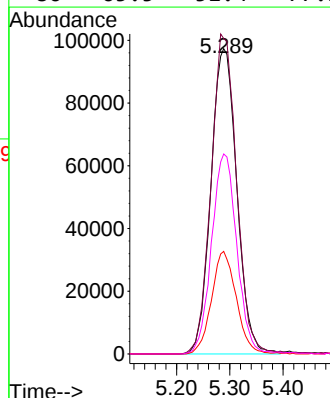
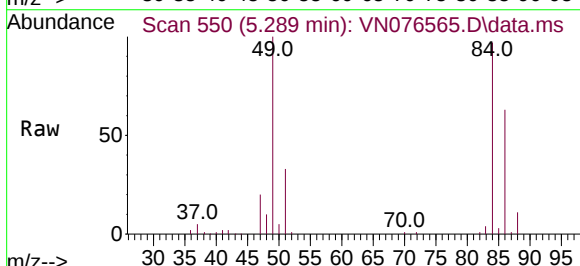
APPROVED

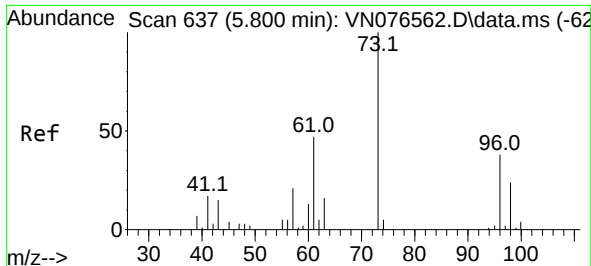
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#20
Methylene Chloride
Concen: 47.493 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

Tgt Ion: 84 Resp: 328677
Ion Ratio Lower Upper
84 100
49 103.3 82.0 123.0
51 33.6 26.0 39.0
86 65.5 51.4 77.2





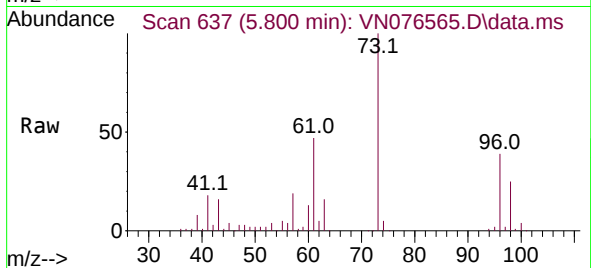
#21
trans-1,2-Dichloroethene
Concen: 50.028 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020723



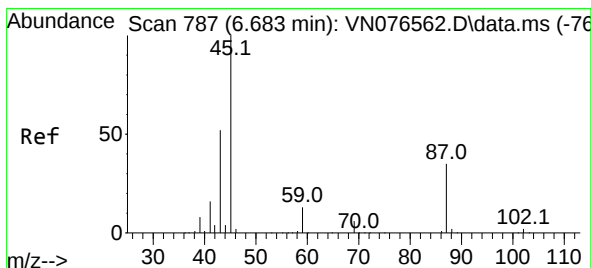
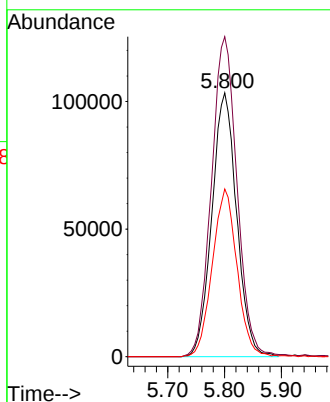
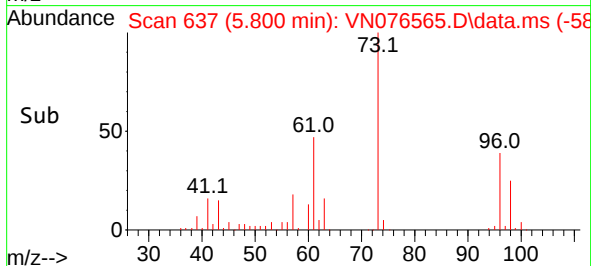
Tgt Ion: 96 Resp: 313709
Ion Ratio Lower Upper
96 100
61 121.3 98.9 148.3
98 63.6 49.4 74.2

Manual Integrations

APPROVED

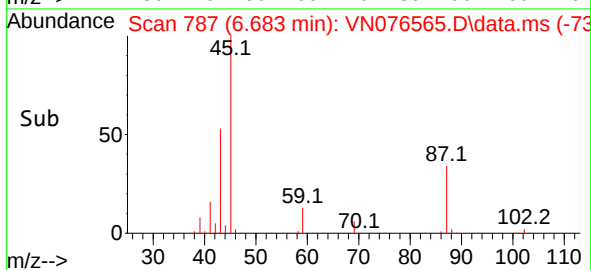
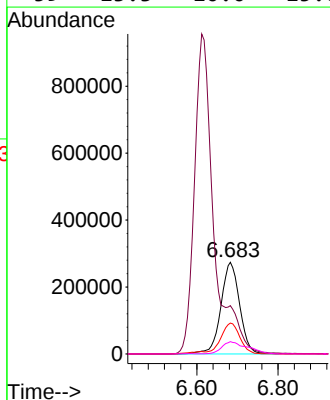
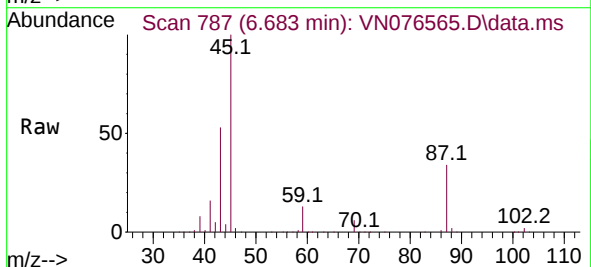
Reviewed By :John Carlone 02/08/2023

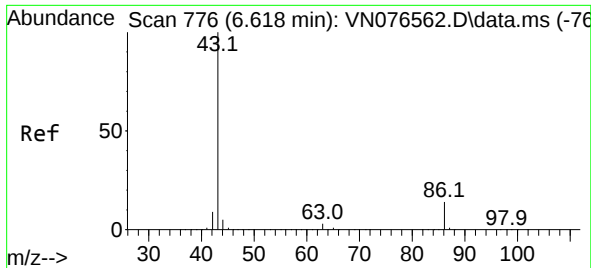
Supervised By :Mahesh Dadoda 02/08/2023



#22
Diisopropyl ether
Concen: 51.604 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

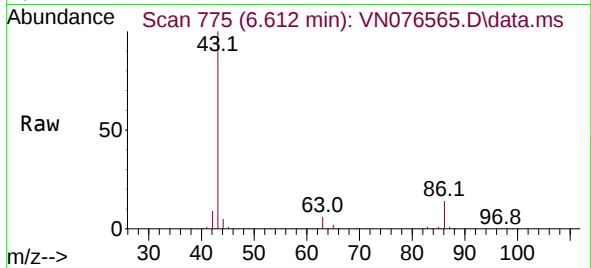
Tgt Ion: 45 Resp: 878780
Ion Ratio Lower Upper
45 100
43 51.7 41.4 62.2
87 33.6 28.2 42.4
59 13.3 10.0 15.0





#23
 Vinyl Acetate
 Concen: 266.110 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.006 min
 Lab File: VN076565.D
 Acq: 07 Feb 2023 16:32

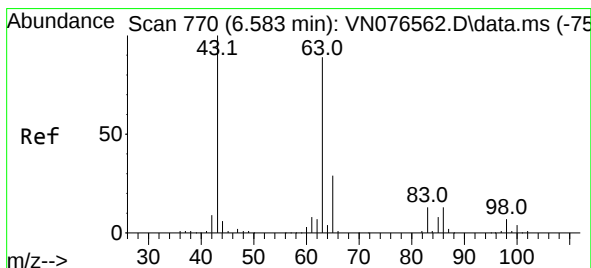
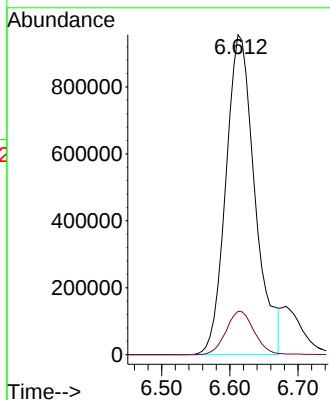
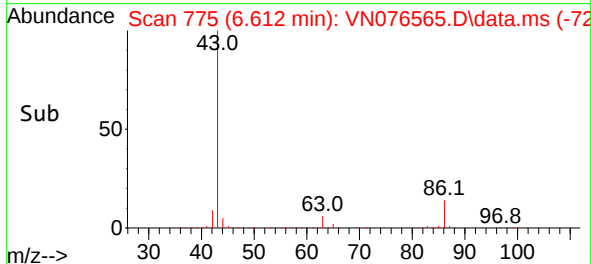
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN020723



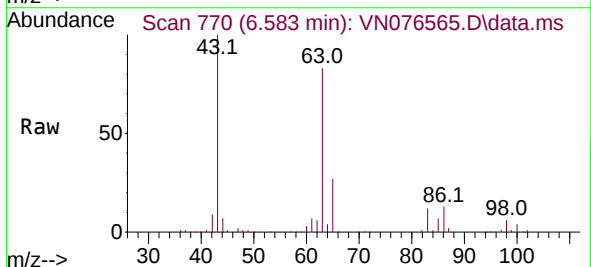
Tgt Ion: 43 Resp: 2835479
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.3 16.9

Manual Integrations
 APPROVED

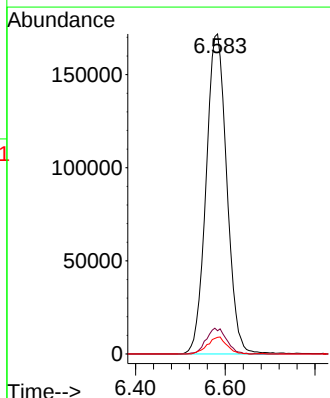
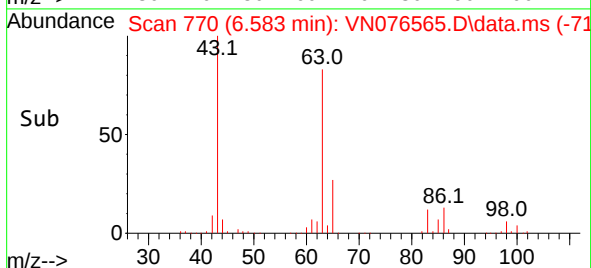
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

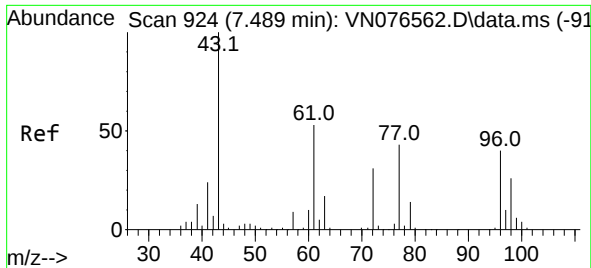


#24
 1,1-Dichloroethane
 Concen: 50.260 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076565.D
 Acq: 07 Feb 2023 16:32



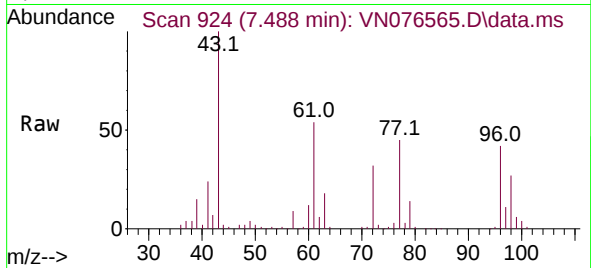
Tgt Ion: 63 Resp: 549598
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 5.2 2.5 7.4





#25
2-Butanone
Concen: 249.611 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

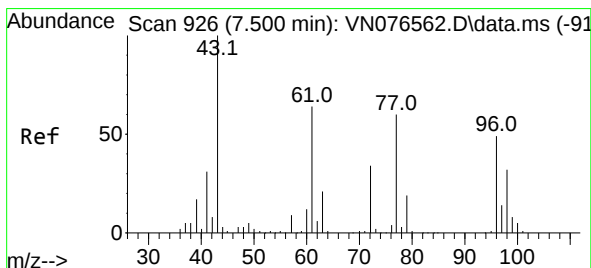
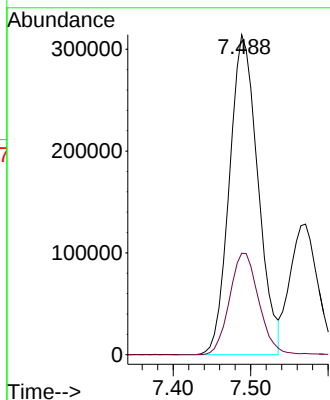
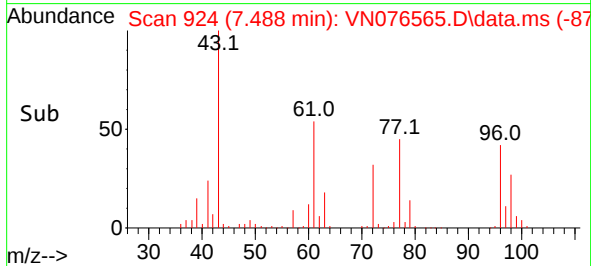
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



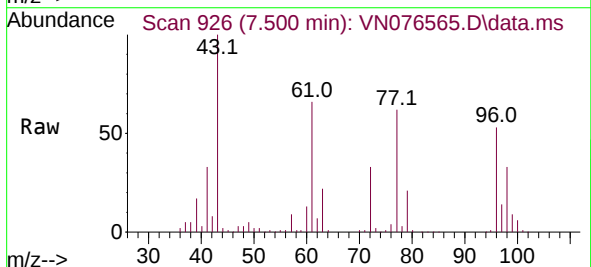
Tgt Ion: 43 Resp: 805470
Ion Ratio Lower Upper
43 100
72 31.7 25.1 37.7

Manual Integrations
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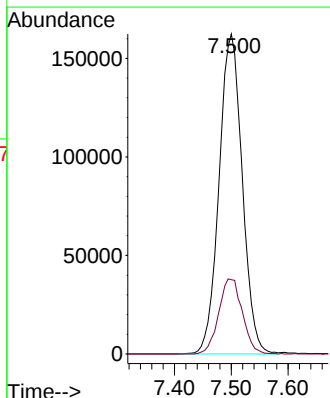
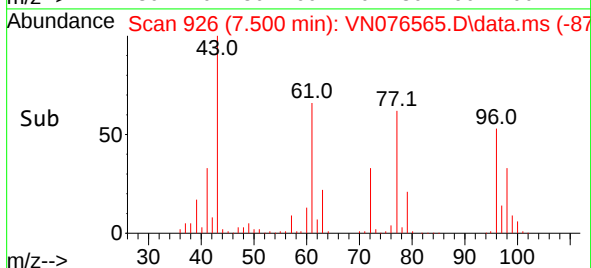
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

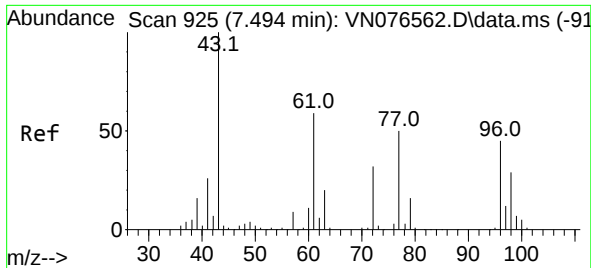


#26
2,2-Dichloropropane
Concen: 50.464 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32



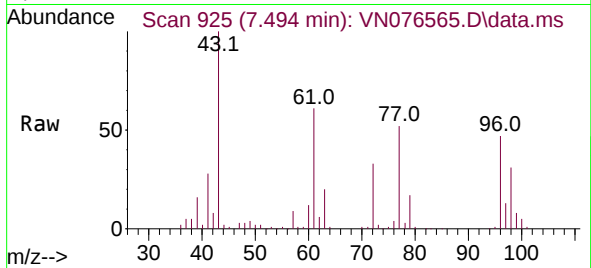
Tgt Ion: 77 Resp: 460641
Ion Ratio Lower Upper
77 100
97 23.9 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 50.797 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN076565.D
 Acq: 07 Feb 2023 16:32

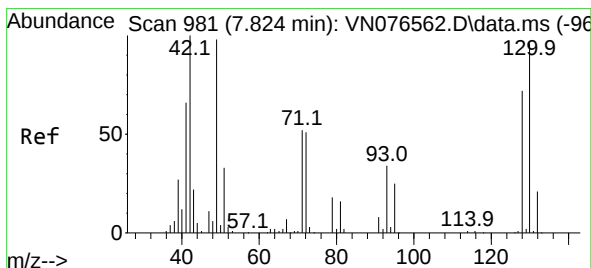
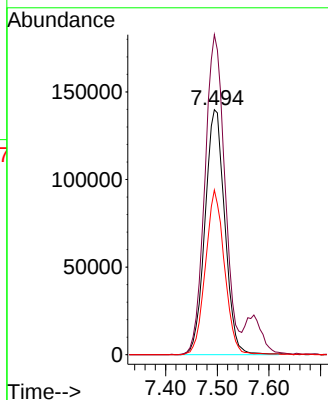
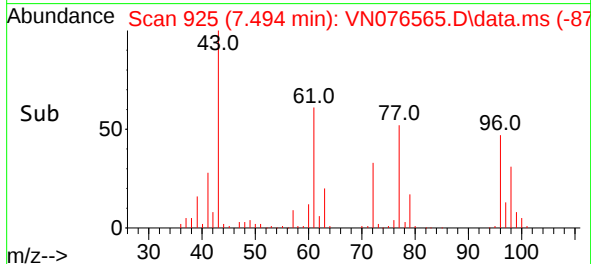
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN020723



Tgt Ion: 96 Resp: 372494
 Ion Ratio Lower Upper
 96 100
 61 132.1 0.0 262.2
 98 64.6 0.0 128.6

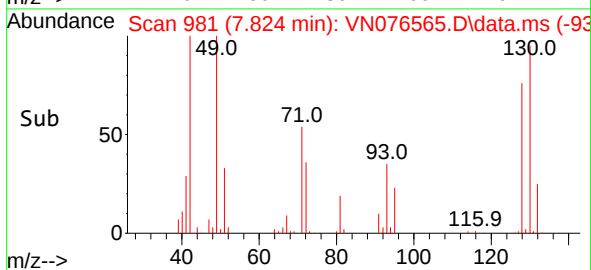
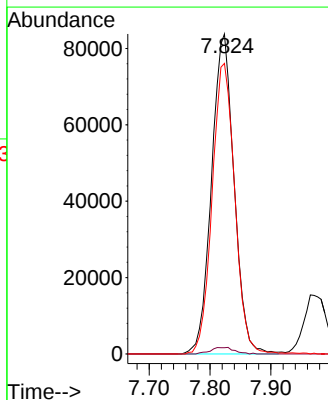
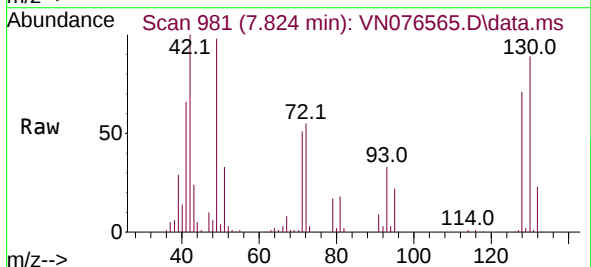
Manual Integrations
 APPROVED

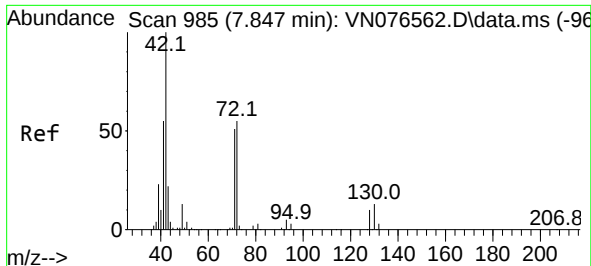
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#28
 Bromochloromethane
 Concen: 49.183 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076565.D
 Acq: 07 Feb 2023 16:32

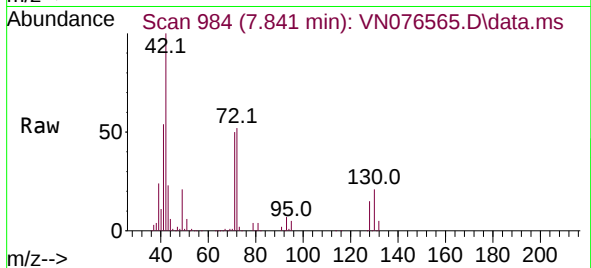
Tgt Ion: 49 Resp: 215494
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 91.1 74.3 111.5





#29
Tetrahydrofuran
Concen: 250.061 ug/l
RT: 7.841 min Scan# 985
Delta R.T. -0.006 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

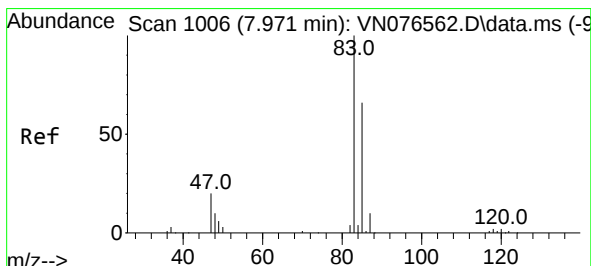
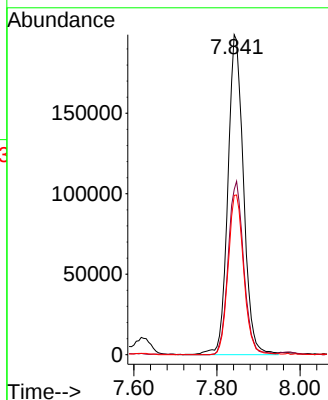
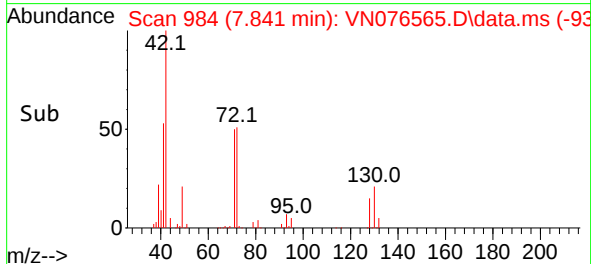
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion: 42 Resp: 51860
Ion Ratio Lower Upper
42 100
72 53.8 42.9 64.3
71 49.8 39.9 59.9

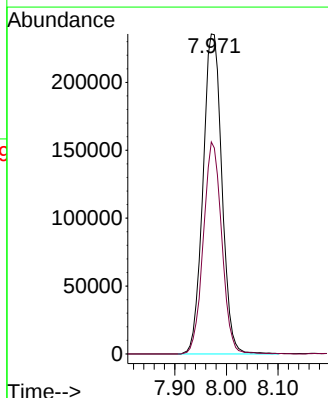
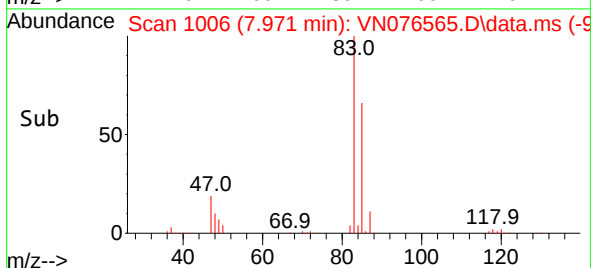
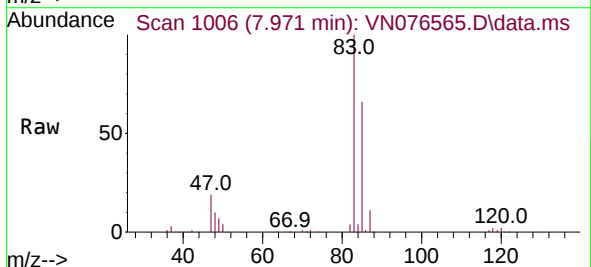
Manual Integrations
APPROVED

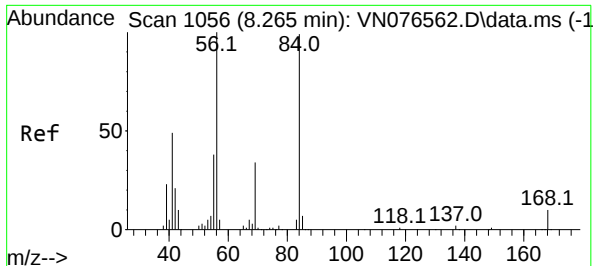
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#30
Chloroform
Concen: 50.407 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

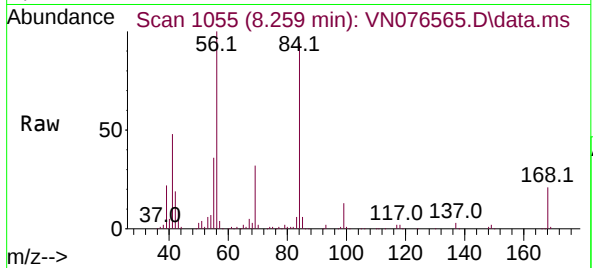
Tgt Ion: 83 Resp: 597956
Ion Ratio Lower Upper
83 100
85 66.3 52.5 78.7





#31
Cyclohexane
Concen: 47.922 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

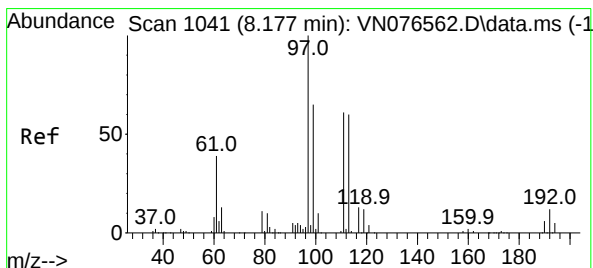
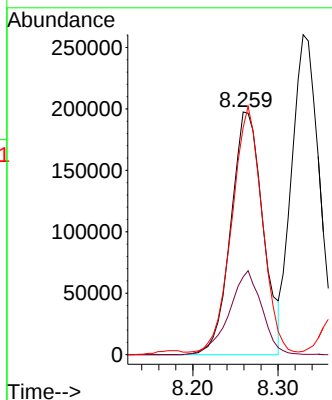
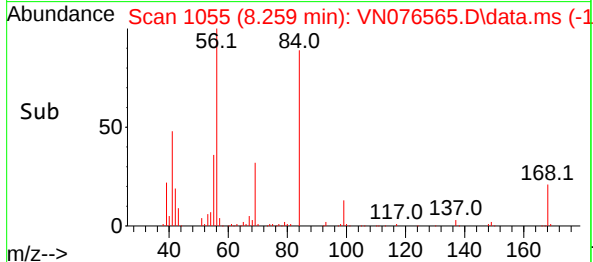
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



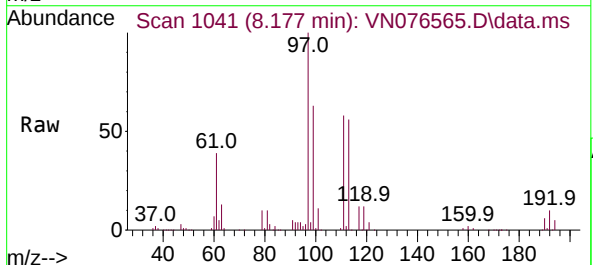
Tgt Ion: 56 Resp: 515750
Ion Ratio Lower Upper
56 100
69 32.0 27.0 40.4
84 91.9 79.5 119.3

Manual Integrations
APPROVED

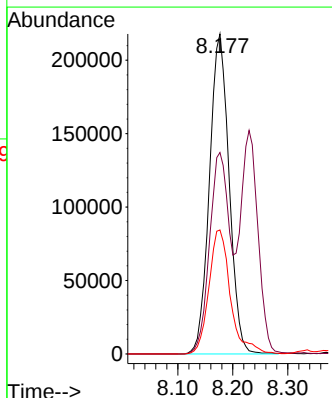
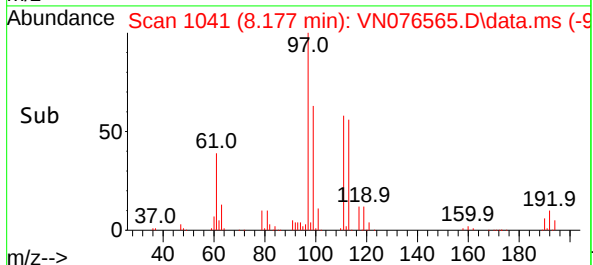
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

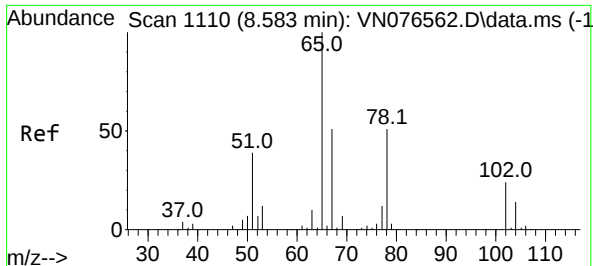


#32
1,1,1-Trichloroethane
Concen: 50.931 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32



Tgt Ion: 97 Resp: 541372
Ion Ratio Lower Upper
97 100
99 62.7 53.5 80.3
61 42.5 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 49.184 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076565.D

Acq: 07 Feb 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020723

Tgt Ion: 65 Resp: 334908

Ion Ratio Lower Upper

65 100

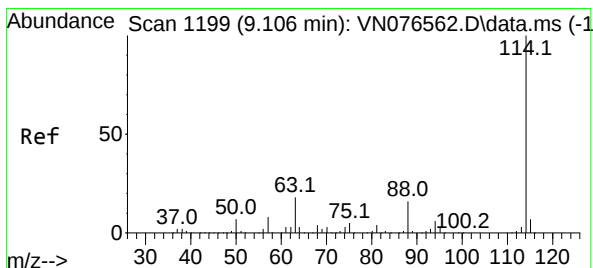
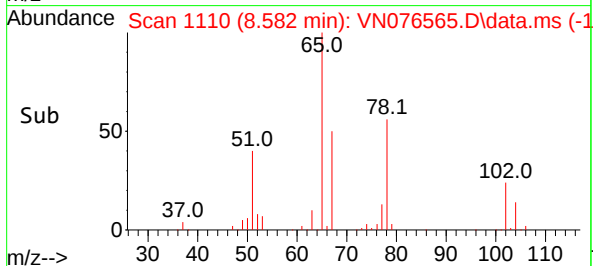
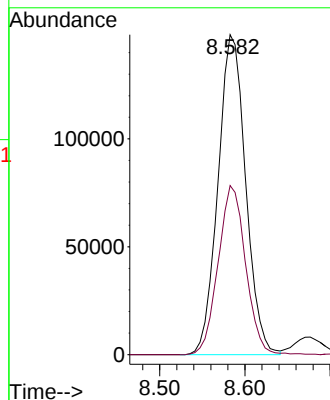
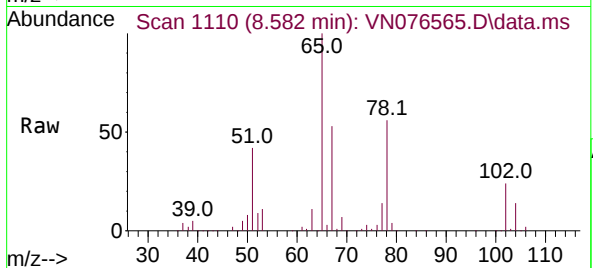
67 52.6 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076565.D

Acq: 07 Feb 2023 16:32

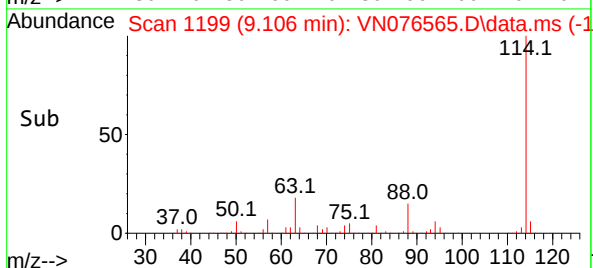
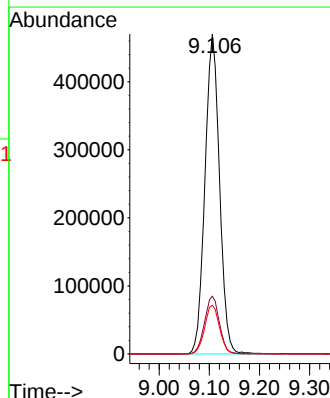
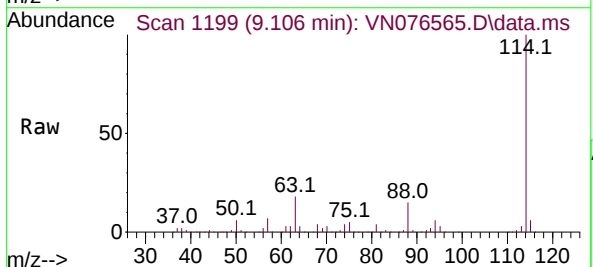
Tgt Ion:114 Resp: 947998

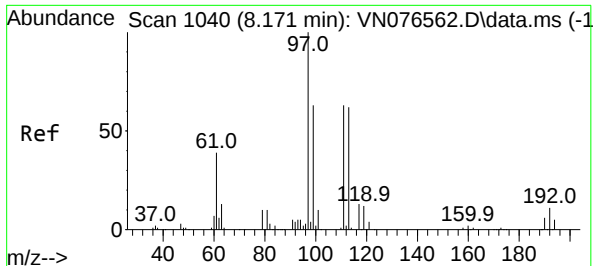
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.6

88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.969 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076565.D

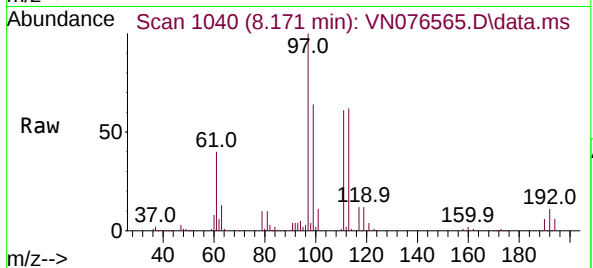
Acq: 07 Feb 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020723



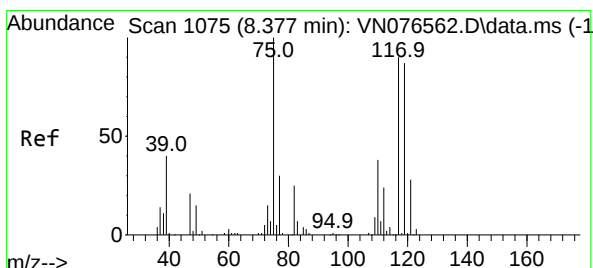
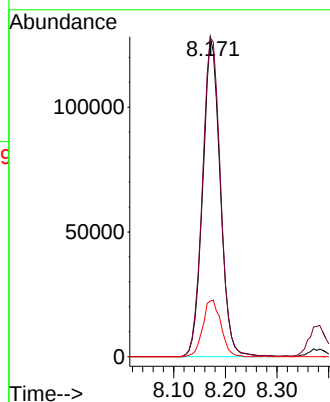
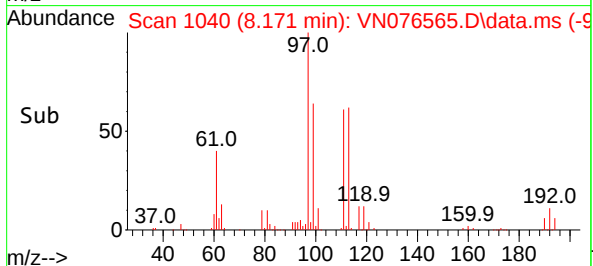
Tgt Ion:	113	Resp:	30036
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.0	123.0
192	18.4	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#36

1,1-Dichloropropene

Concen: 52.148 ug/l

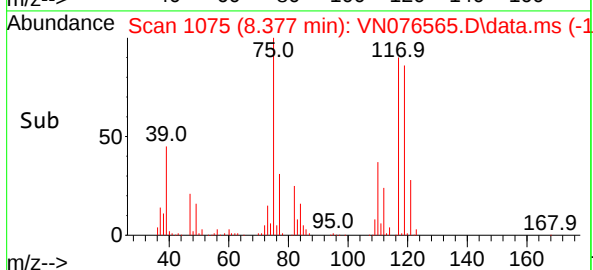
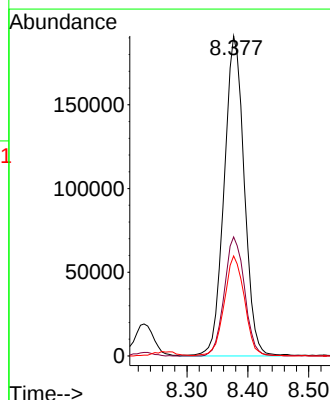
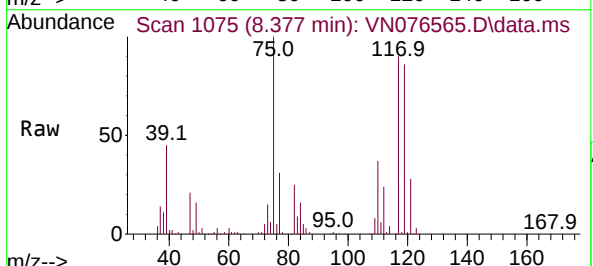
RT: 8.377 min Scan# 1075

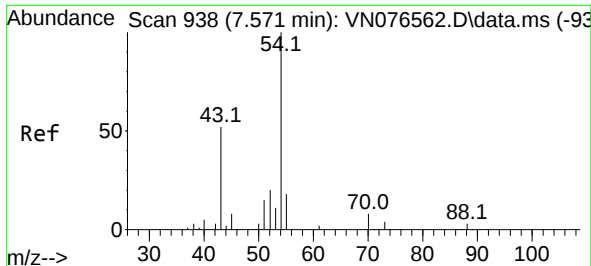
Delta R.T. -0.000 min

Lab File: VN076565.D

Acq: 07 Feb 2023 16:32

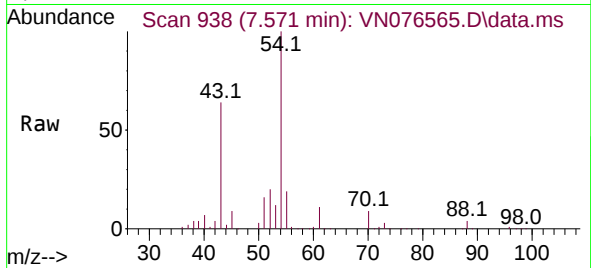
Tgt Ion:	75	Resp:	438768
Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.6	55.6
77	31.5	25.1	37.7





#37
Ethyl Acetate
Concen: 51.915 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

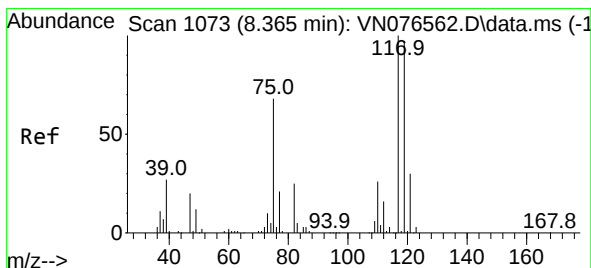
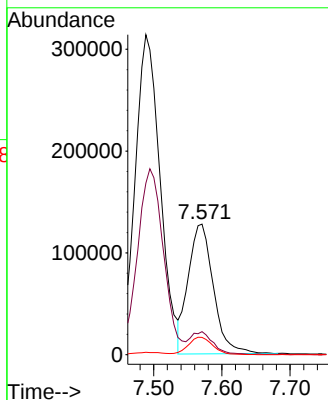
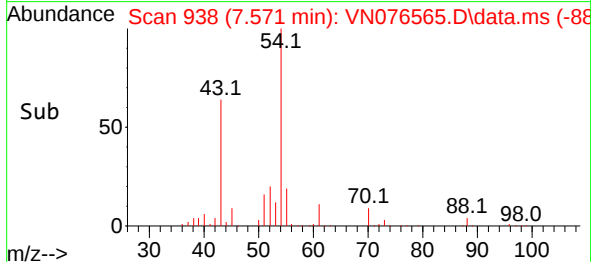
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion: 43 Resp: 32725
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 13.2 10.4 15.6

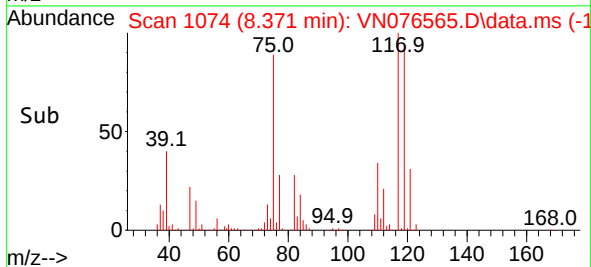
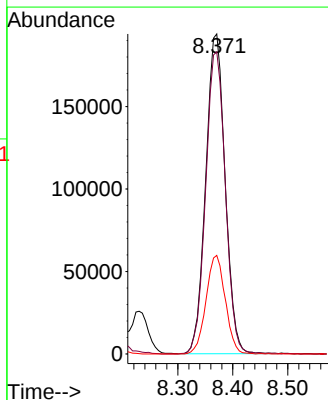
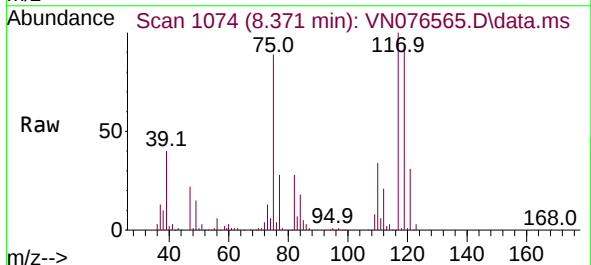
Manual Integrations
APPROVED

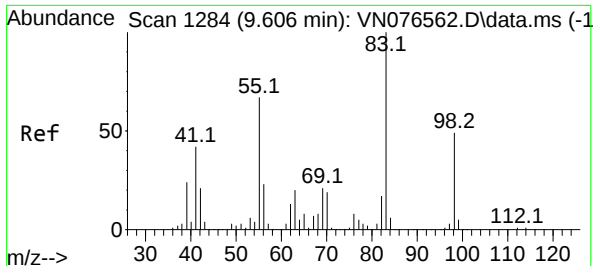
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#38
Carbon Tetrachloride
Concen: 52.603 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

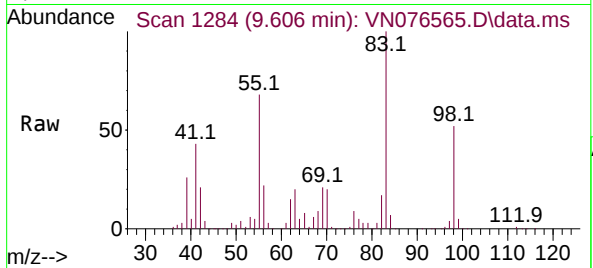
Tgt Ion:117 Resp: 475869
Ion Ratio Lower Upper
117 100
119 94.5 77.2 115.8
121 30.8 23.9 35.9





#39
Methylcyclohexane
Concen: 54.556 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

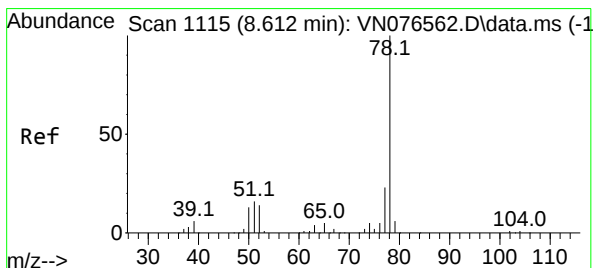
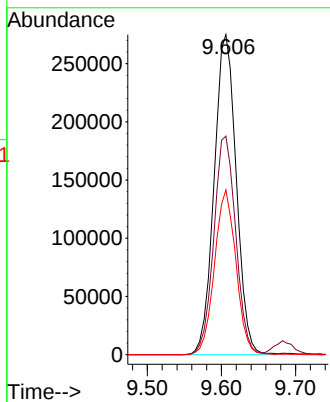
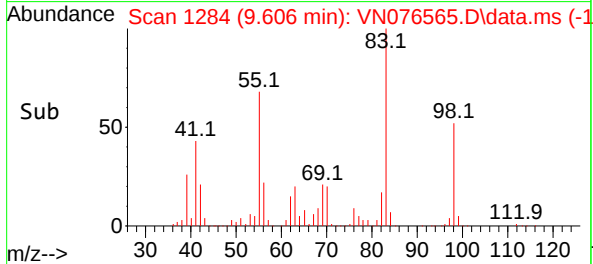
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion: 83 Resp: 57006
Ion Ratio Lower Upper
83 100
55 68.3 53.8 80.6
98 51.5 39.0 58.6

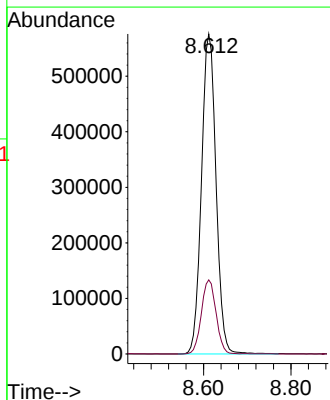
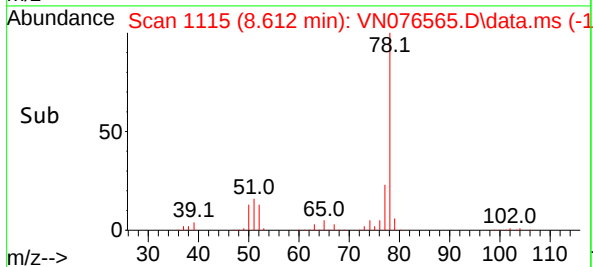
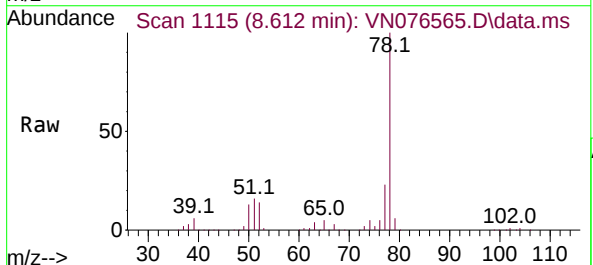
Manual Integrations
APPROVED

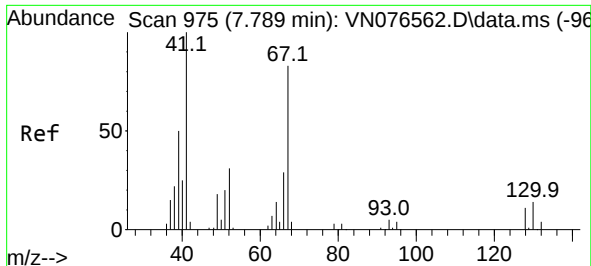
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#40
Benzene
Concen: 52.358 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

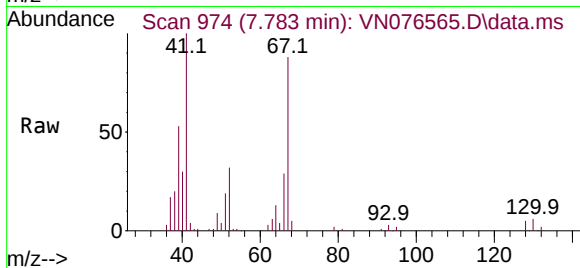
Tgt Ion: 78 Resp: 1335422
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8





#41
Methacrylonitrile
Concen: 51.884 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

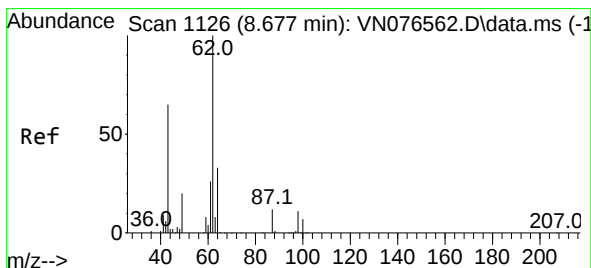
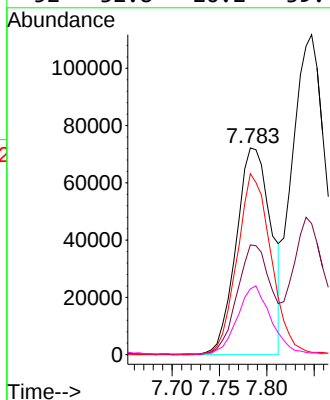
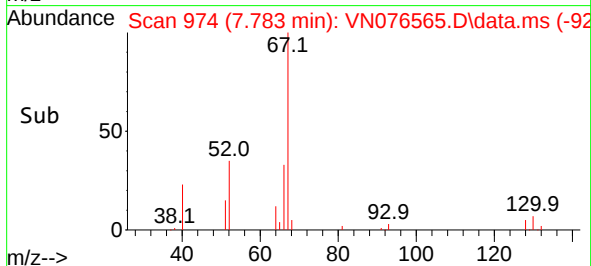
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion: 41 Resp: 18518
Ion Ratio Lower Upper
41 100
39 51.6 41.3 61.9
67 85.8 69.6 104.4
52 32.8 26.2 39.4

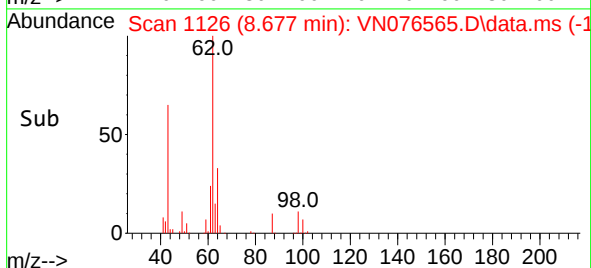
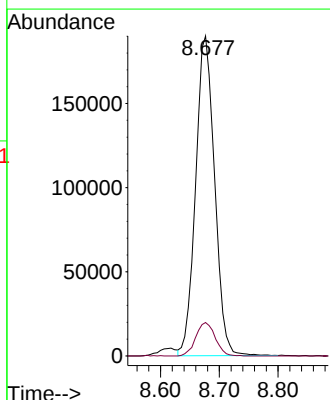
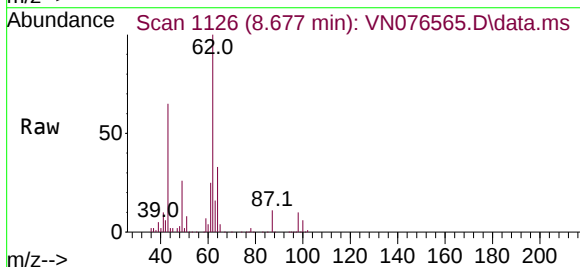
Manual Integrations
APPROVED

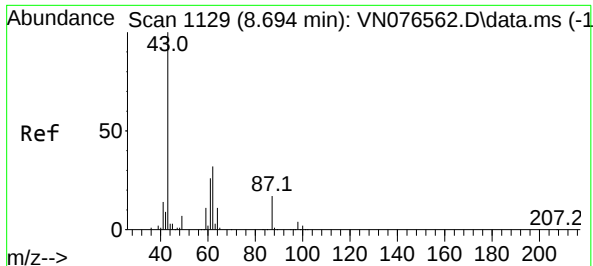
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#42
1,2-Dichloroethane
Concen: 51.276 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

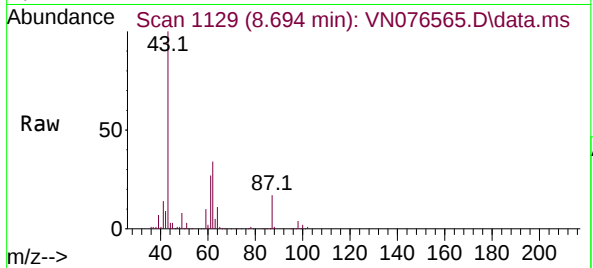
Tgt Ion: 62 Resp: 425805
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.6





#43
Isopropyl Acetate
Concen: 53.354 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

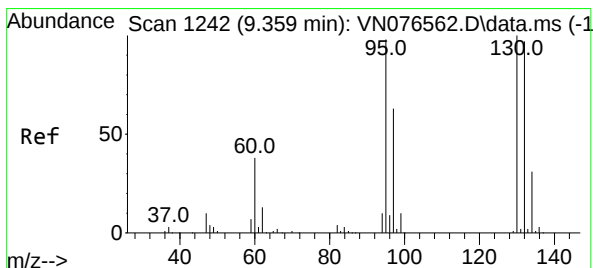
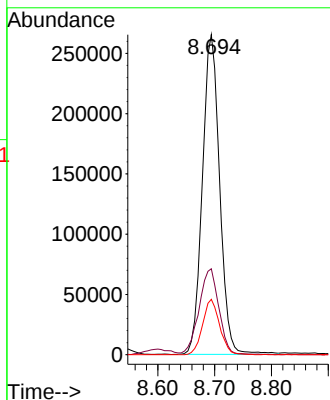
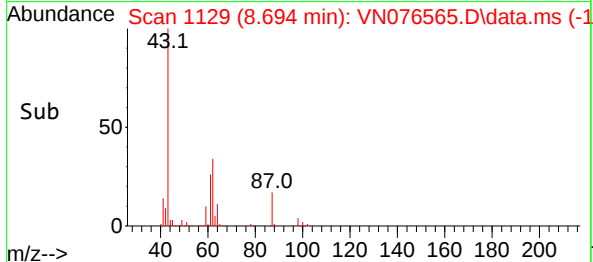
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion: 43 Resp: 559652
Ion Ratio Lower Upper
43 100
61 30.9 24.5 36.7
87 17.0 13.6 20.4

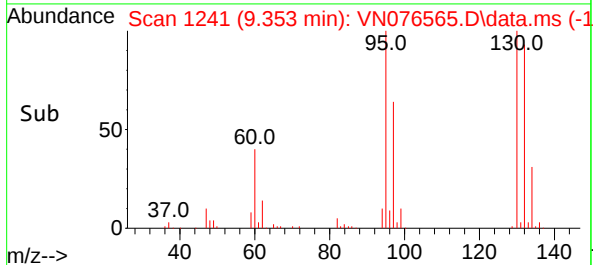
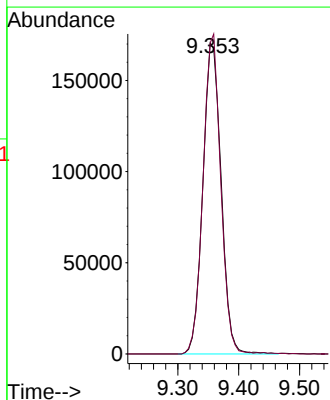
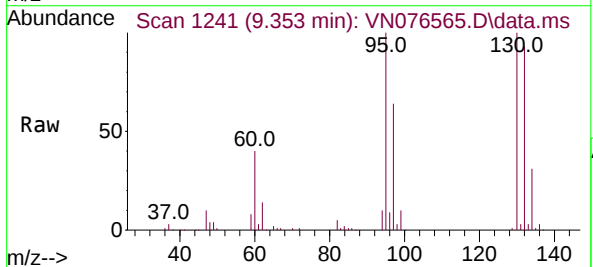
Manual Integrations
APPROVED

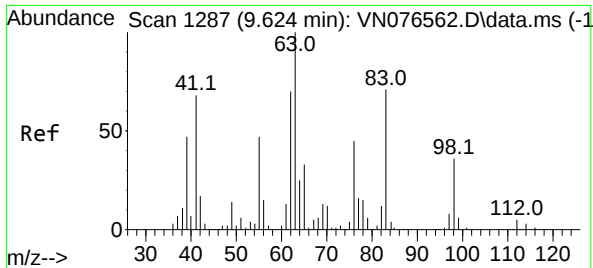
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#44
Trichloroethene
Concen: 52.196 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

Tgt Ion:130 Resp: 355502
Ion Ratio Lower Upper
130 100
95 100.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.484 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076565.D

Acq: 07 Feb 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020723

Tgt Ion: 63 Resp: 31538

Ion Ratio Lower Upper

63 100

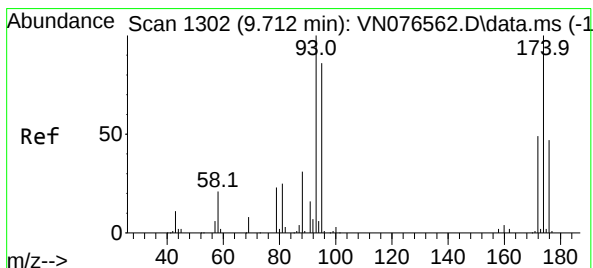
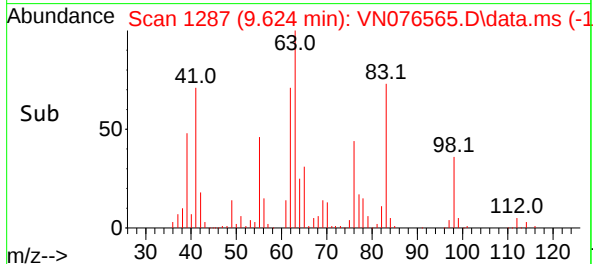
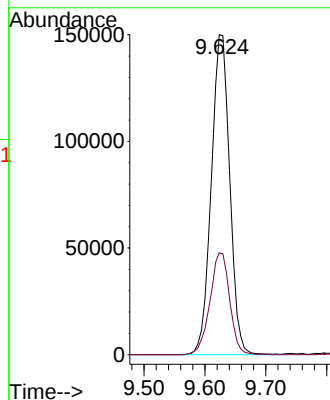
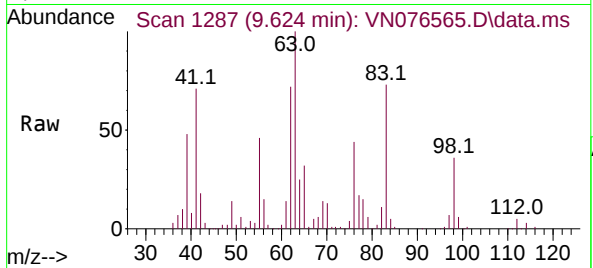
65 31.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#46

Dibromomethane

Concen: 50.351 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076565.D

Acq: 07 Feb 2023 16:32

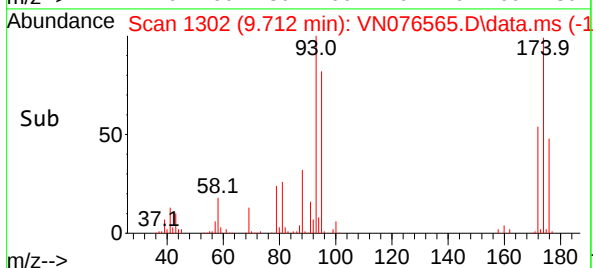
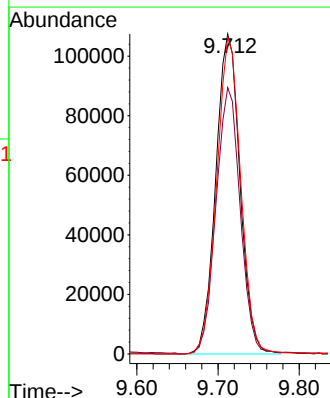
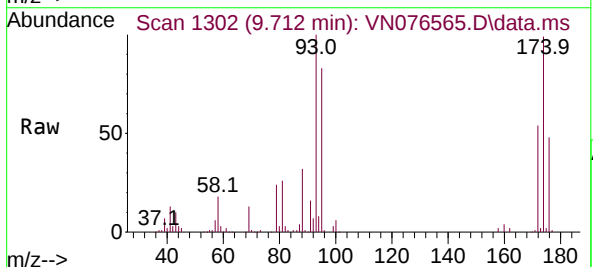
Tgt Ion: 93 Resp: 222499

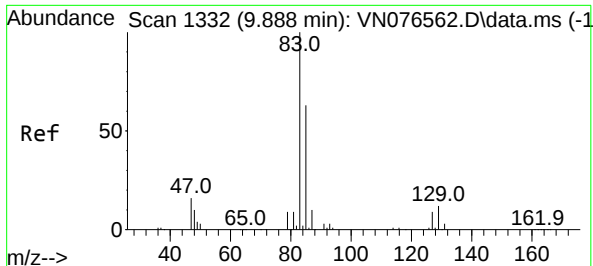
Ion Ratio Lower Upper

93 100

95 83.6 68.0 102.0

174 98.3 80.9 121.3





#47

Bromodichloromethane

Concen: 52.325 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076565.D

Acq: 07 Feb 2023 16:32

Instrument :

MSVOA_N

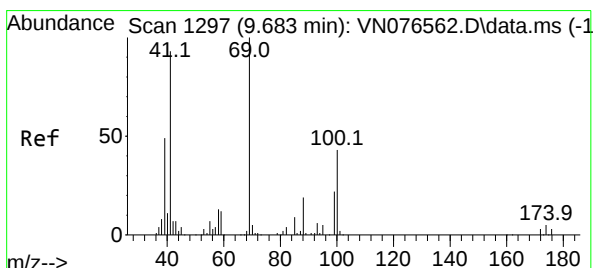
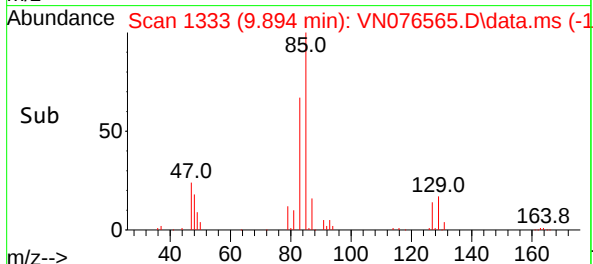
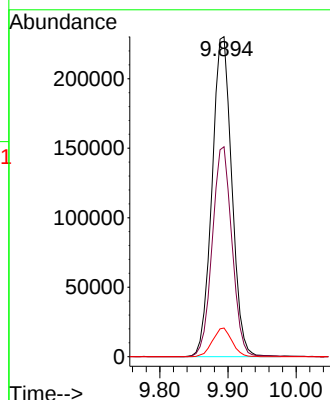
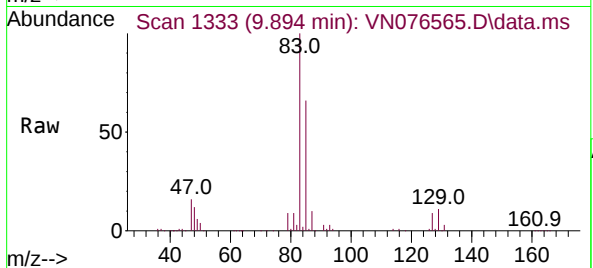
ClientSampleId :

ICVVN020723

Tgt Ion: 83 Resp: 46496
 Ion Ratio Lower Upper
 83 100
 85 65.6 50.7 76.1
 127 8.9 7.0 10.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023



#48

Methyl methacrylate

Concen: 51.703 ug/l

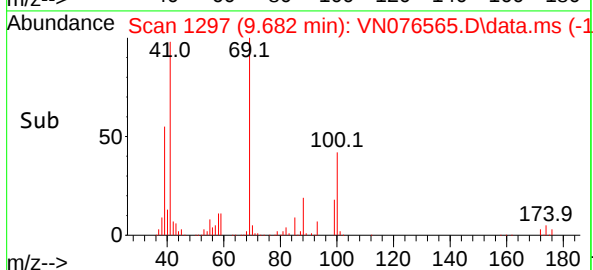
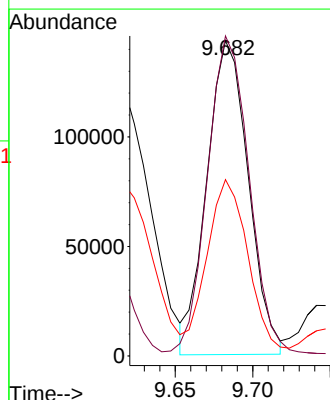
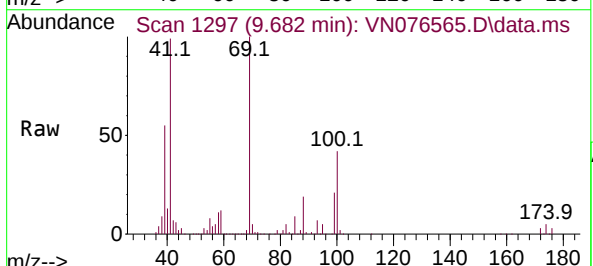
RT: 9.682 min Scan# 1297

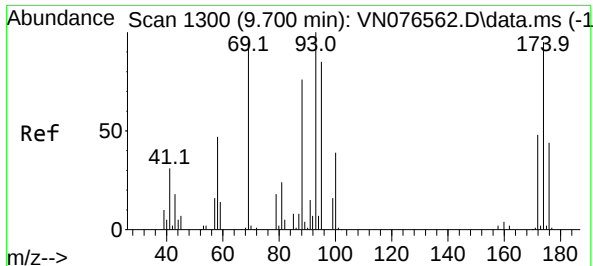
Delta R.T. -0.000 min

Lab File: VN076565.D

Acq: 07 Feb 2023 16:32

Tgt Ion: 41 Resp: 266719
 Ion Ratio Lower Upper
 41 100
 69 103.7 83.0 124.4
 39 56.7 43.8 65.8





#49

1,4-Dioxane

Concen: 1041.794 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076565.D

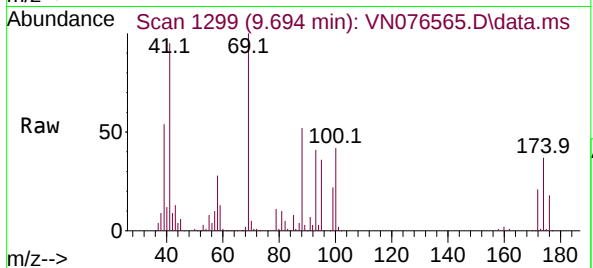
Acq: 07 Feb 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020723



Tgt Ion: 88 Resp: 11496

Ion Ratio Lower Upper

88 100

43 20.7 16.7 25.1

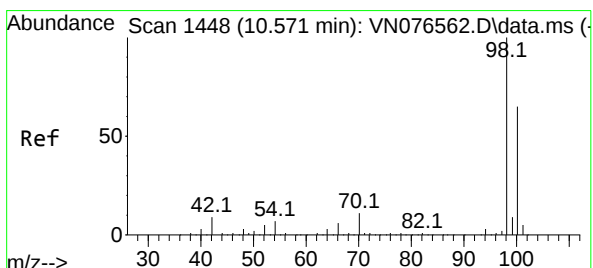
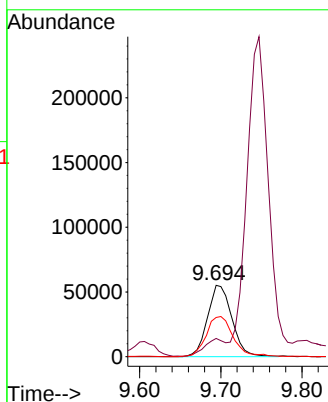
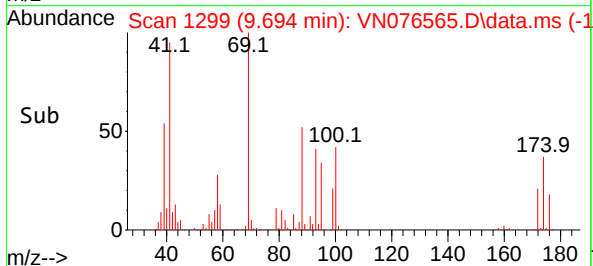
58 62.4 51.7 77.5

Manual Integrations

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Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#50

Toluene-d8

Concen: 52.202 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076565.D

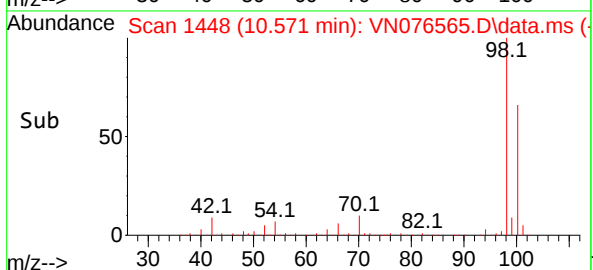
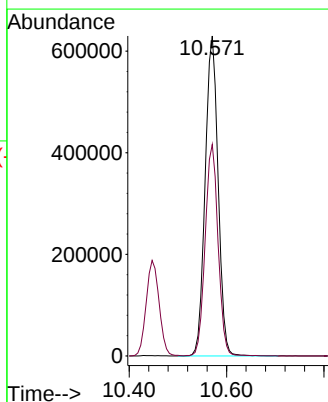
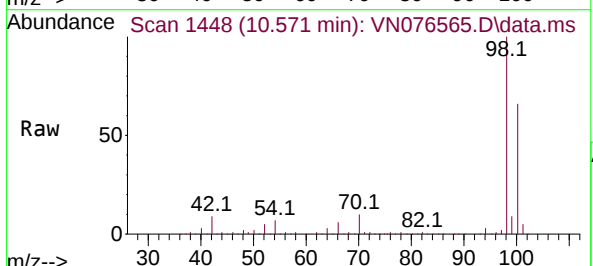
Acq: 07 Feb 2023 16:32

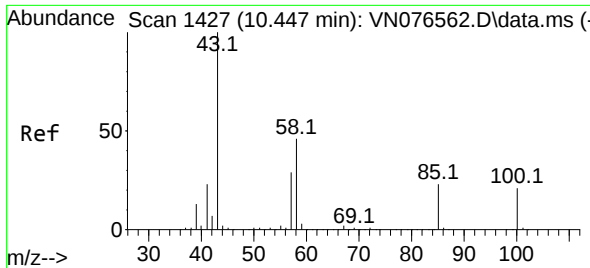
Tgt Ion: 98 Resp: 1157314

Ion Ratio Lower Upper

98 100

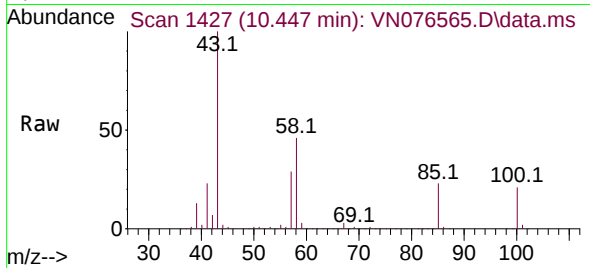
100 66.0 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 259.137 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

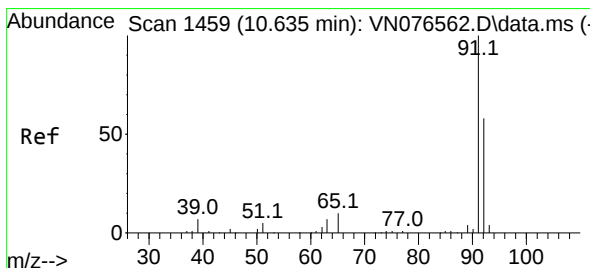
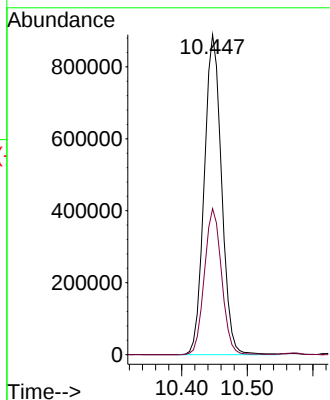
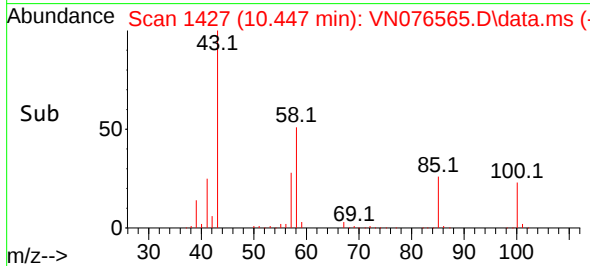
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



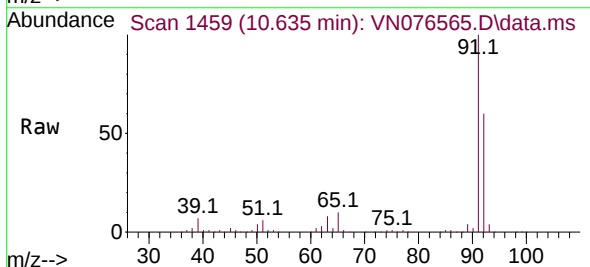
Tgt Ion: 43 Resp: 163364
Ion Ratio Lower Upper
43 100
58 45.4 36.4 54.6

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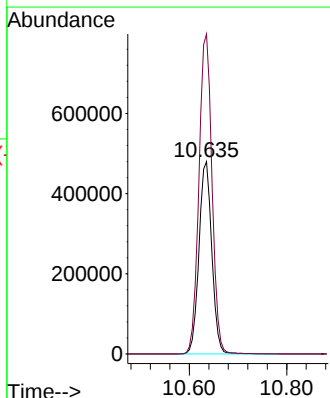
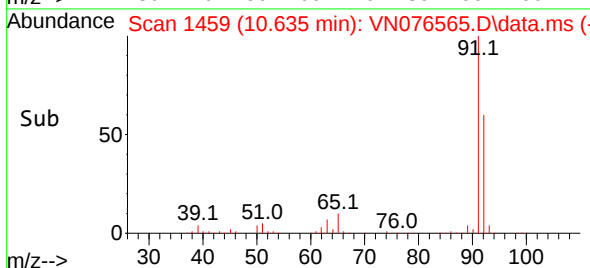
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

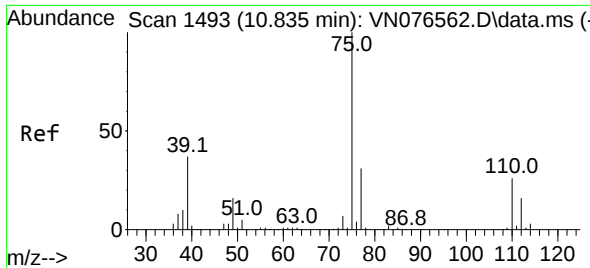


#52
Toluene
Concen: 53.257 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32



Tgt Ion: 92 Resp: 876617
Ion Ratio Lower Upper
92 100
91 169.6 136.3 204.5





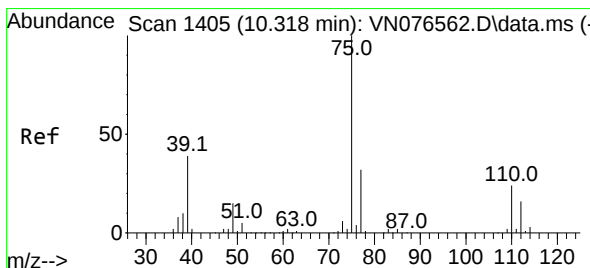
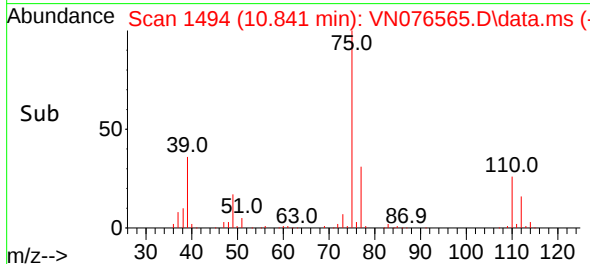
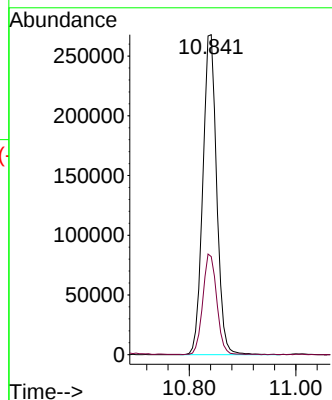
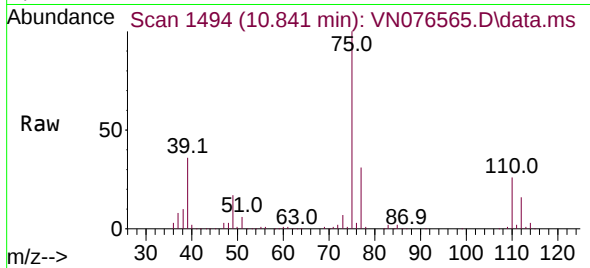
#53
t-1,3-Dichloropropene
Concen: 56.227 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723

Tgt Ion: 75 Resp: 482760
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7

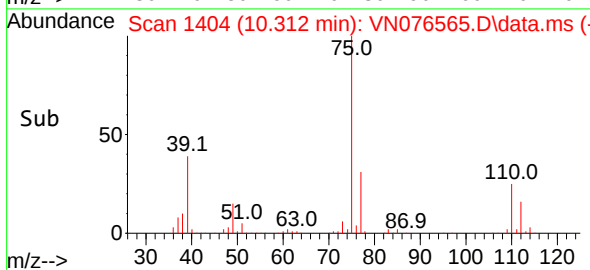
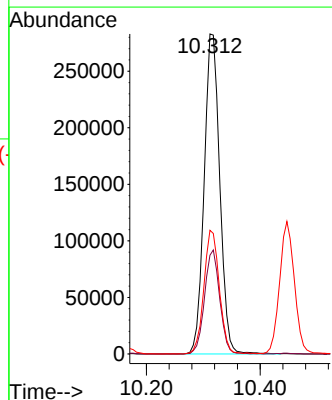
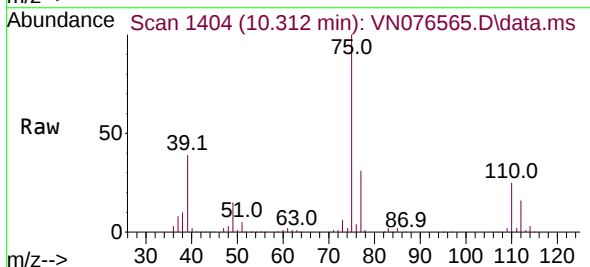
Manual Integrations
APPROVED

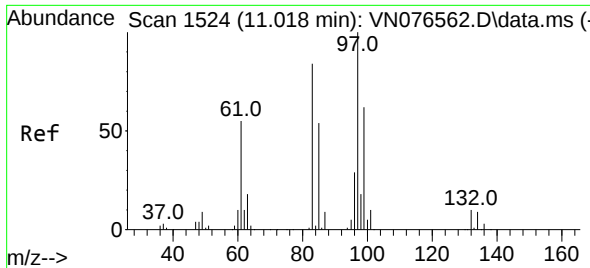
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#54
cis-1,3-Dichloropropene
Concen: 55.048 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.006 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

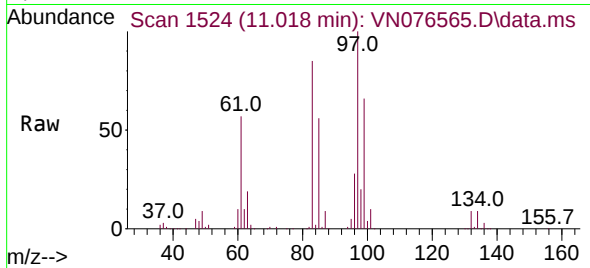
Tgt Ion: 75 Resp: 538974
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 38.6 31.1 46.7





#55
1,1,2-Trichloroethane
Concen: 50.876 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

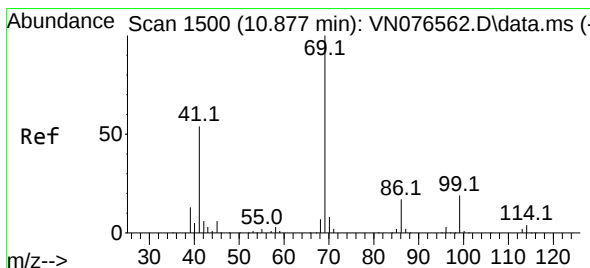
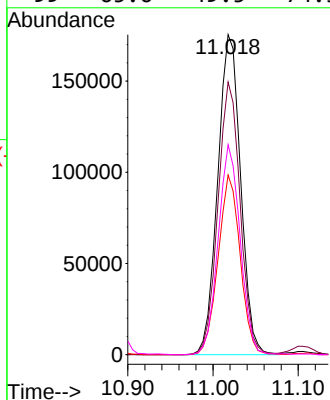
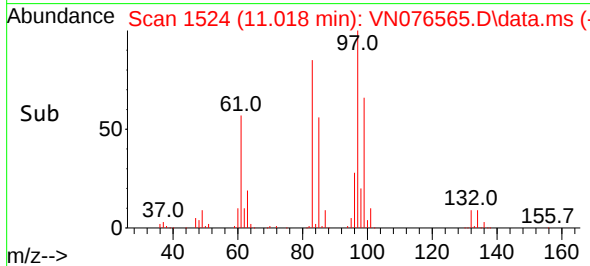
Instrument : MSVOA_N
ClientSampleId : ICVVN020723



Tgt Ion: 97 Resp: 327990
Ion Ratio Lower Upper
97 100
83 85.2 67.5 101.3
85 56.2 43.0 64.6
99 65.6 49.5 74.3

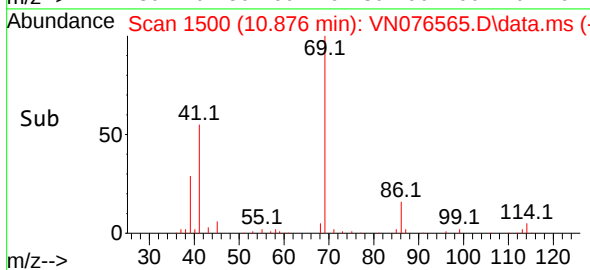
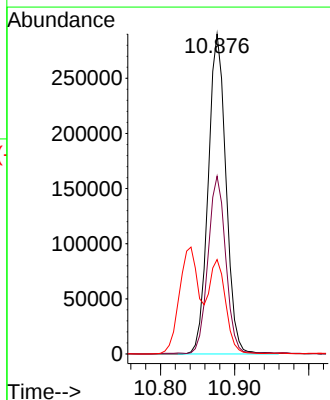
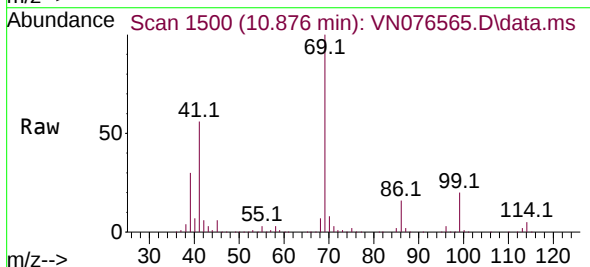
Manual Integrations
APPROVED

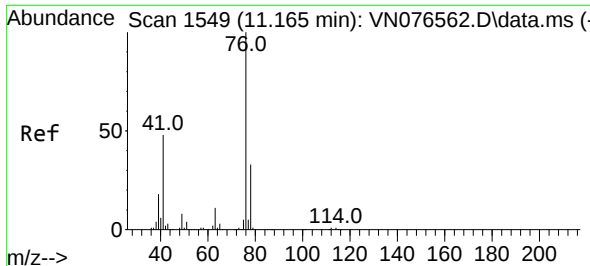
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#56
Ethyl methacrylate
Concen: 56.030 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

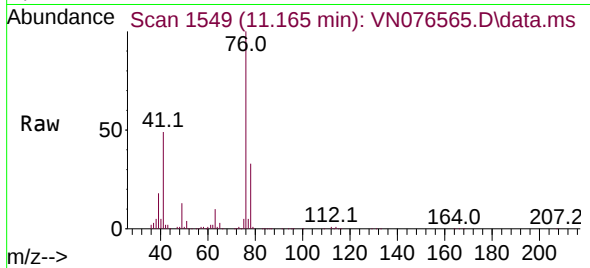
Tgt Ion: 69 Resp: 483436
Ion Ratio Lower Upper
69 100
41 55.8 43.5 65.3
39 27.0 21.3 31.9





#57
1,3-Dichloropropane
Concen: 52.088 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

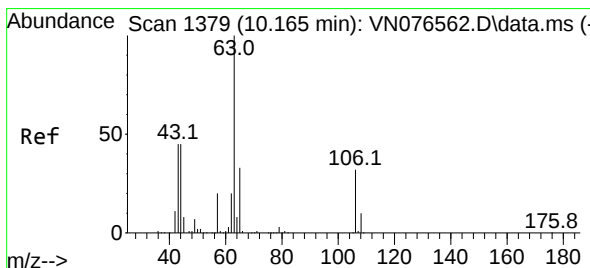
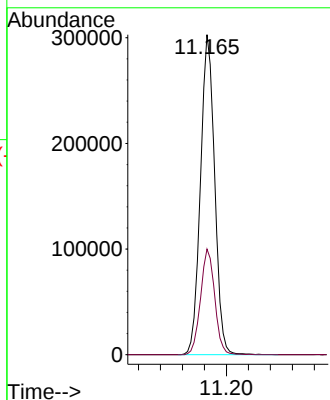
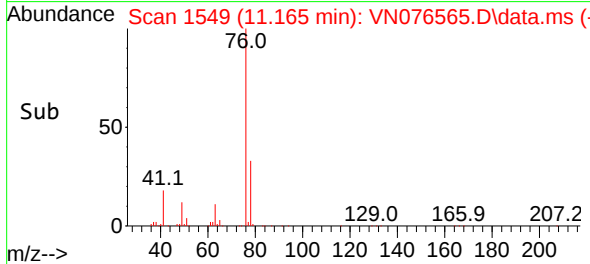
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion: 76 Resp: 543550
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.4

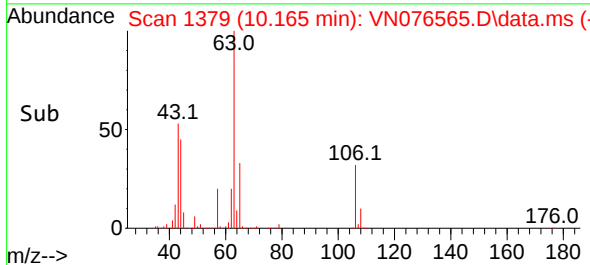
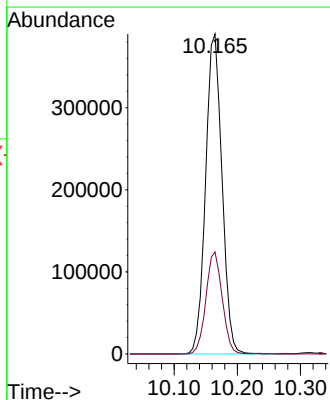
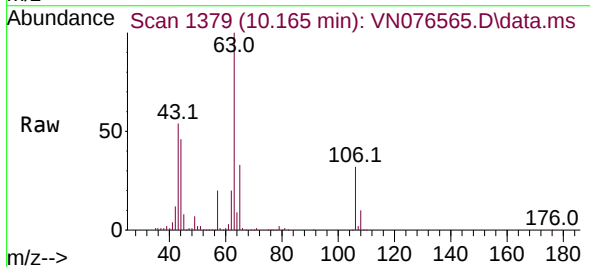
Manual Integrations
APPROVED

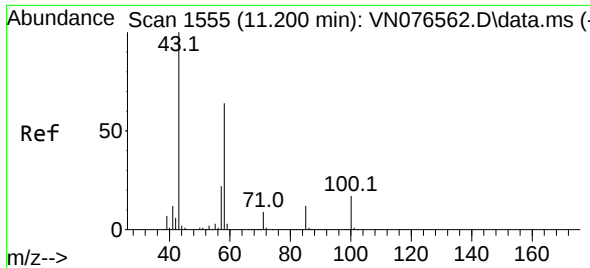
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#58
2-Chloroethyl Vinyl ether
Concen: 284.831 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

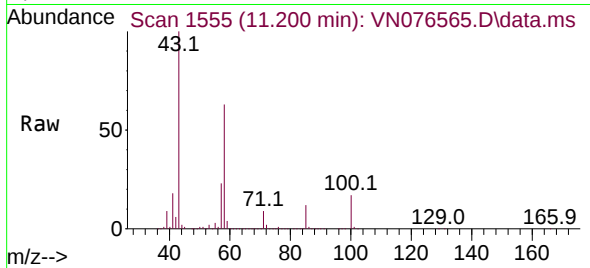
Tgt Ion: 63 Resp: 702306
Ion Ratio Lower Upper
63 100
106 31.6 25.6 38.4





#59
2-Hexanone
Concen: 260.717 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

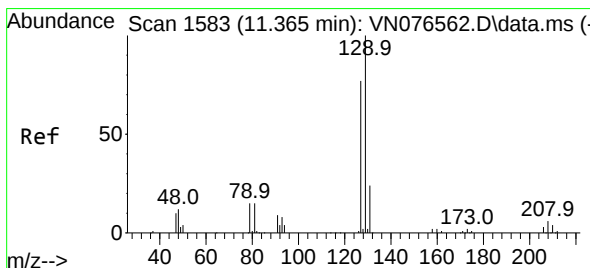
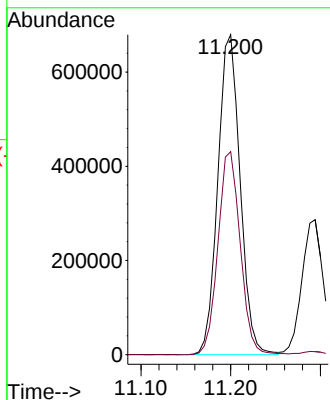
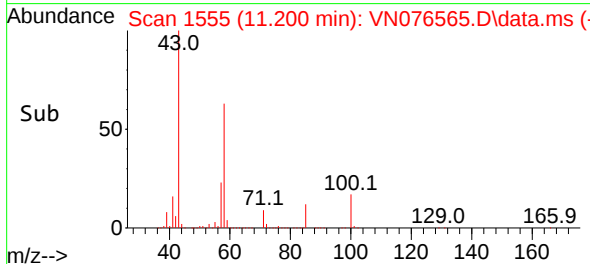
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion: 43 Resp: 1171758
Ion Ratio Lower Upper
43 100
58 63.4 31.8 95.4

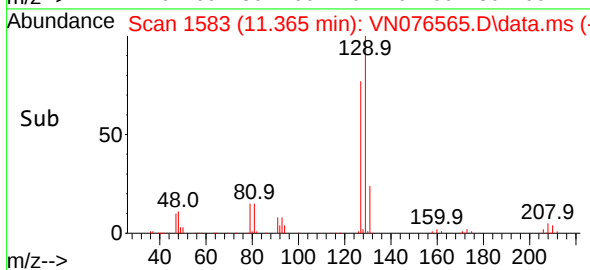
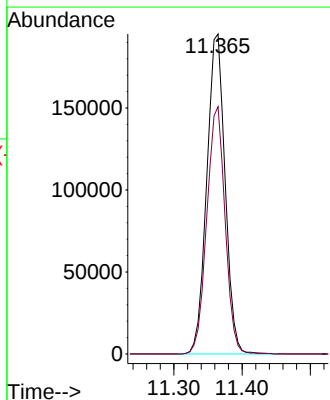
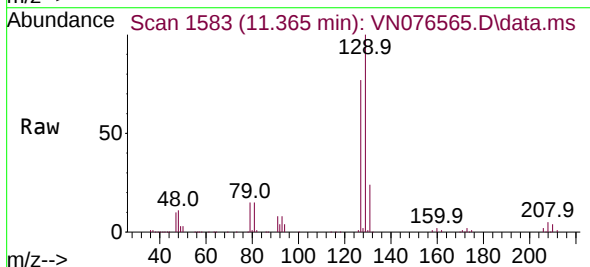
Manual Integrations
APPROVED

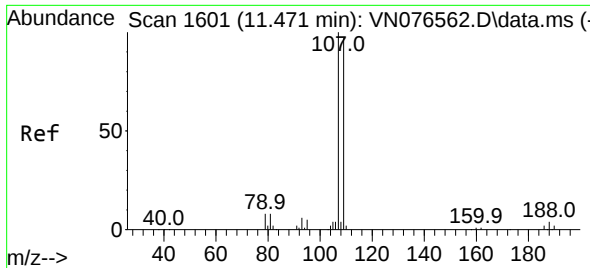
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#60
Dibromochloromethane
Concen: 53.638 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

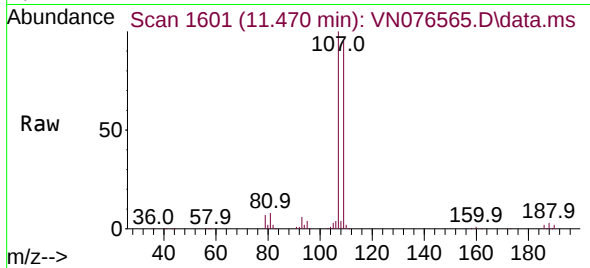
Tgt Ion:129 Resp: 364418
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7





#61
1,2-Dibromoethane
Concen: 52.879 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

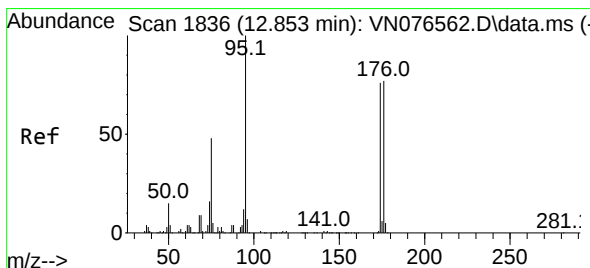
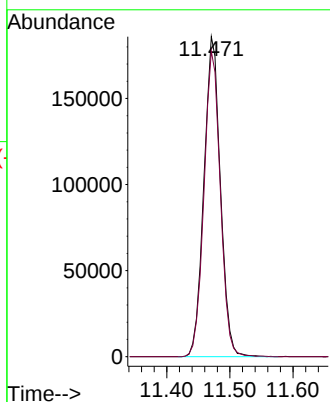
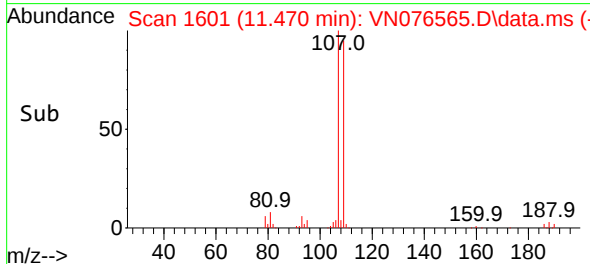
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



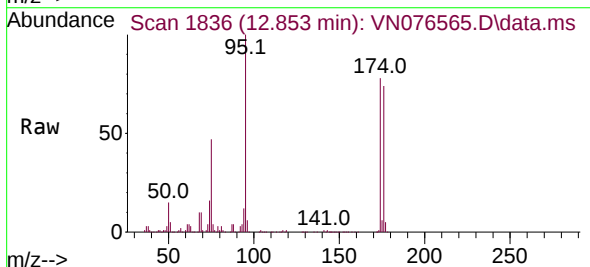
Tgt Ion:107 Resp: 337449
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.0

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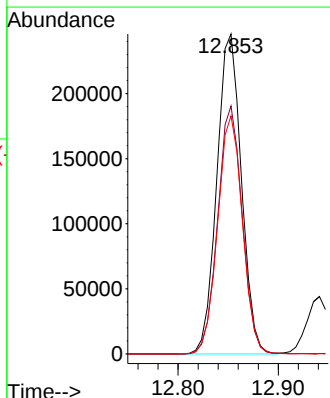
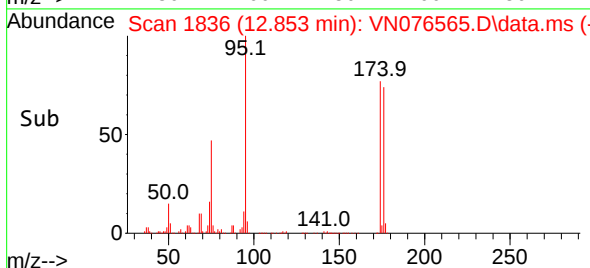
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

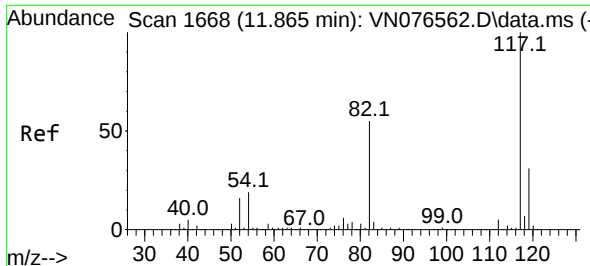


#62
4-Bromofluorobenzene
Concen: 53.472 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32



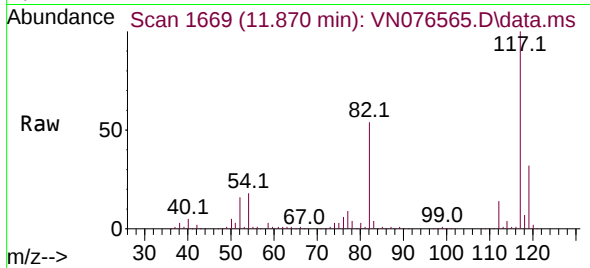
Tgt Ion: 95 Resp: 417632
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.0
176 75.0 0.0 152.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.006 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

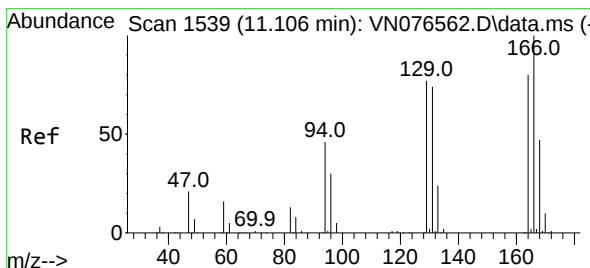
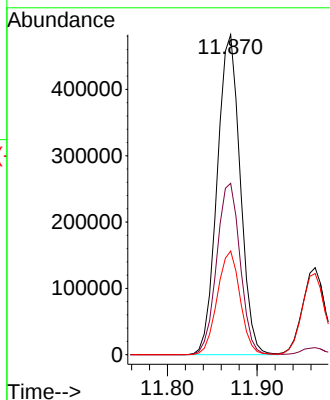
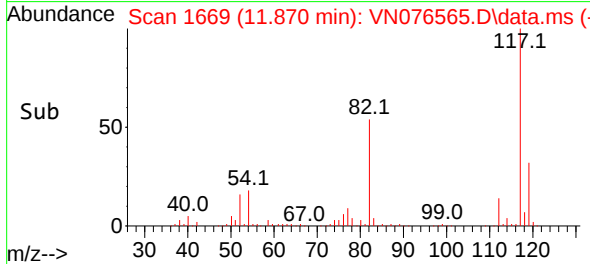
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion:117 Resp: 86056
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.4
119 32.4 25.1 37.7

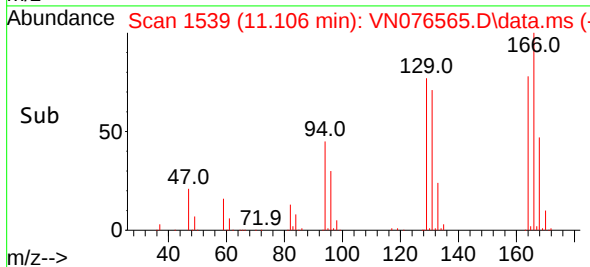
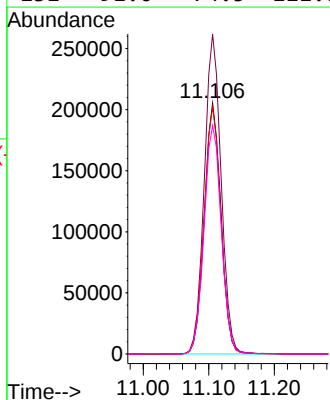
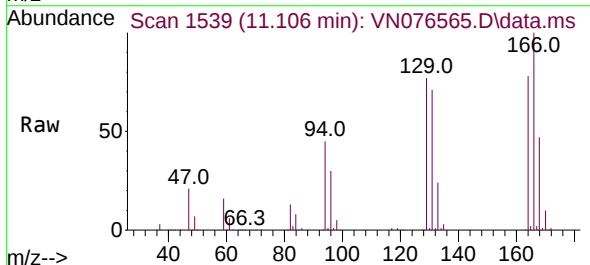
Manual Integrations
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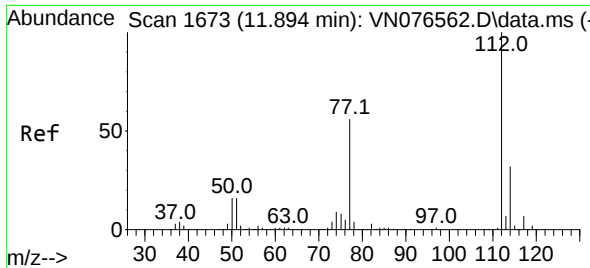
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#64
Tetrachloroethene
Concen: 51.063 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

Tgt Ion:164 Resp: 365908
Ion Ratio Lower Upper
164 100
166 127.6 100.2 150.4
129 98.5 76.8 115.2
131 91.0 74.5 111.7





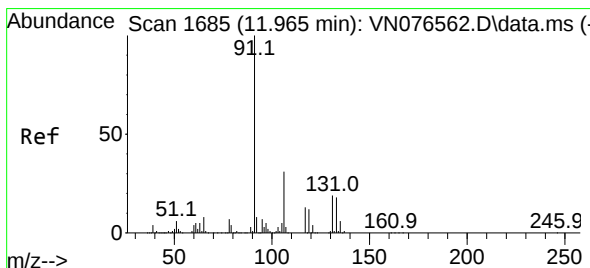
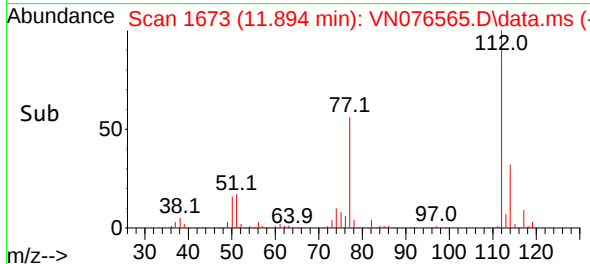
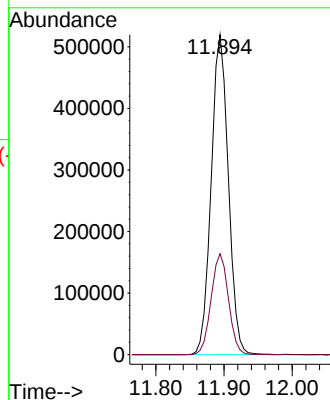
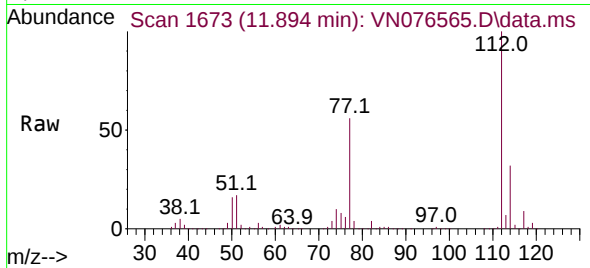
#65
Chlorobenzene
Concen: 51.134 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723

Tgt Ion:112 Resp: 910012
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9

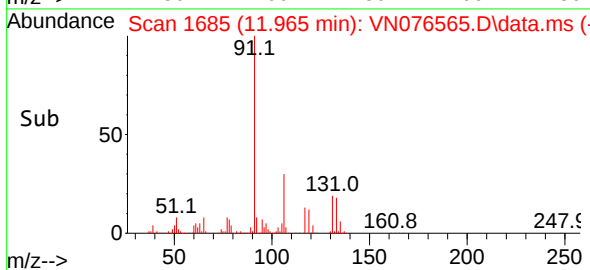
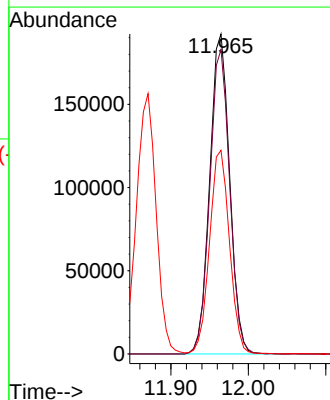
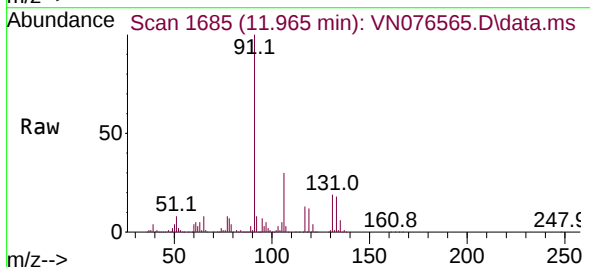
Manual Integrations
APPROVED

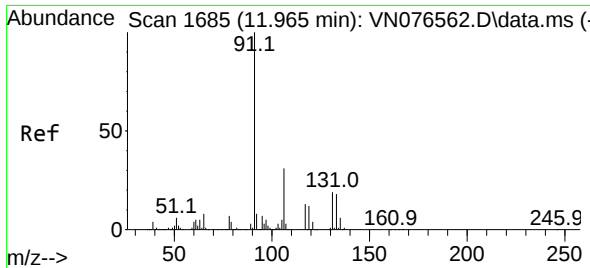
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 52.024 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

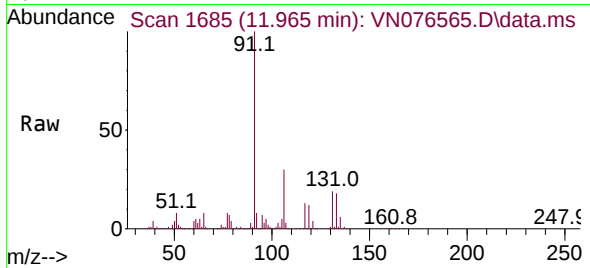
Tgt Ion:131 Resp: 342860
Ion Ratio Lower Upper
131 100
133 95.0 48.0 144.2
119 63.9 32.4 97.0





#67
Ethyl Benzene
Concen: 53.506 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

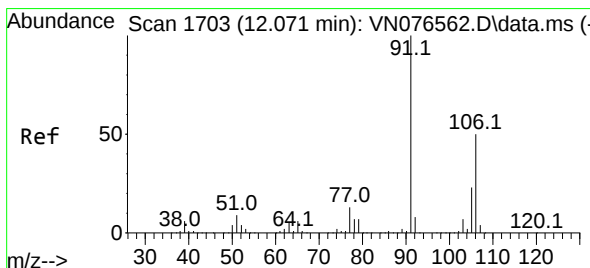
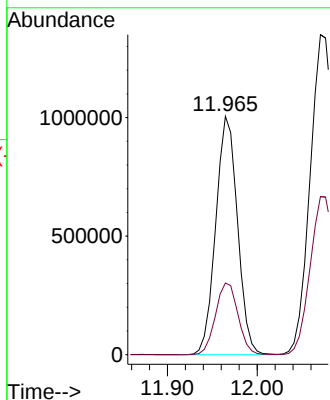
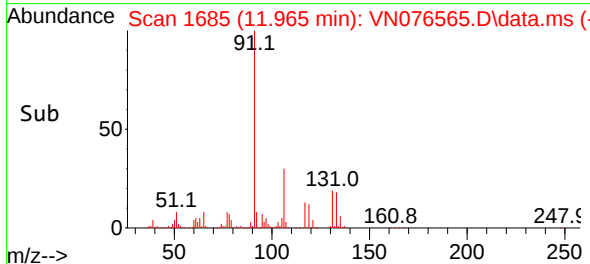
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



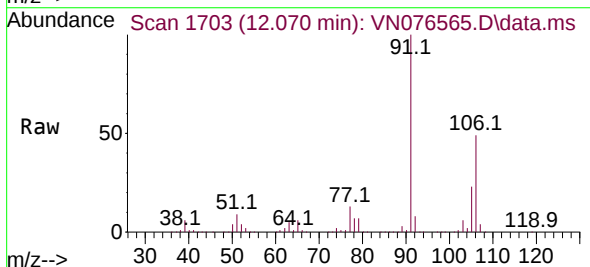
Tgt Ion: 91 Resp: 169225
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3

Manual Integrations
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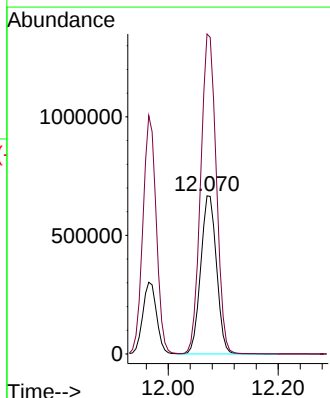
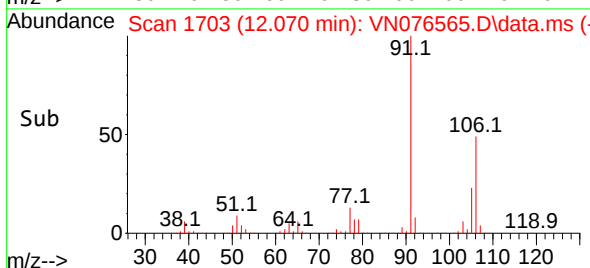
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

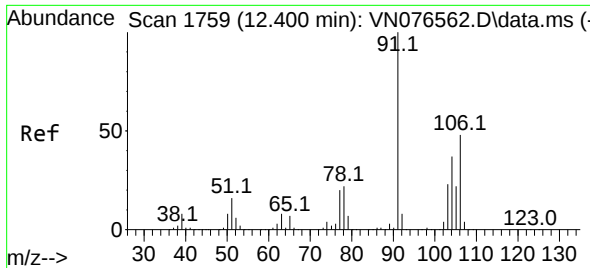


#68
m/p-Xylenes
Concen: 107.871 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32



Tgt Ion:106 Resp: 1329242
Ion Ratio Lower Upper
106 100
91 200.2 160.2 240.4





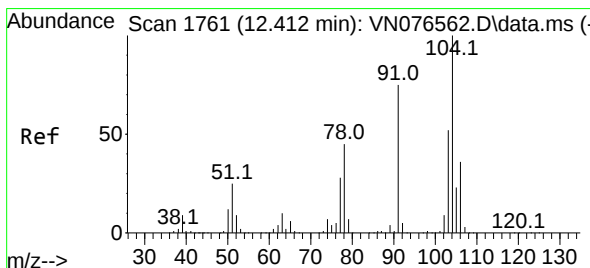
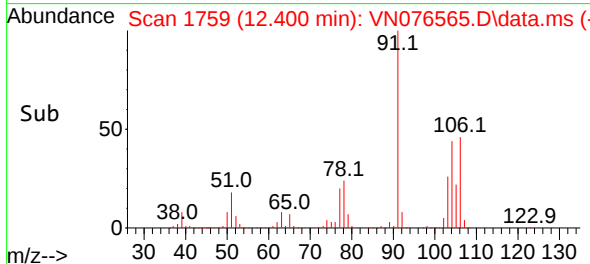
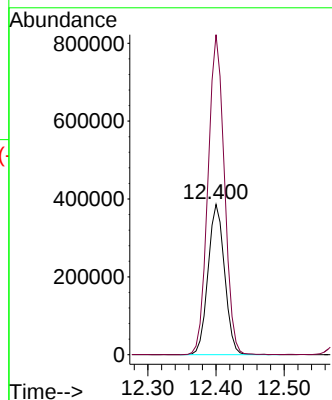
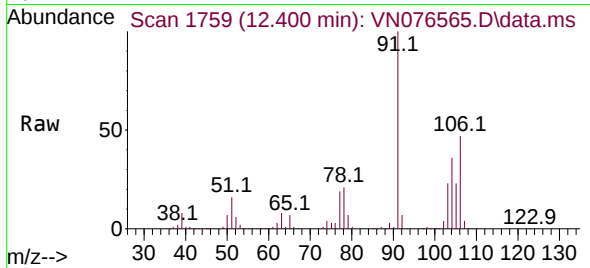
#69
o-Xylene
Concen: 53.994 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723

Tgt Ion:106 Resp: 651528
Ion Ratio Lower Upper
106 100
91 211.5 106.2 318.5

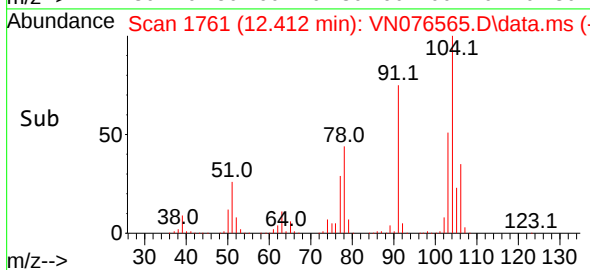
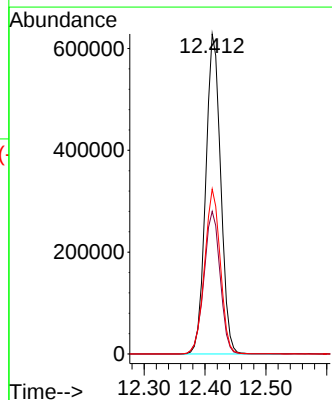
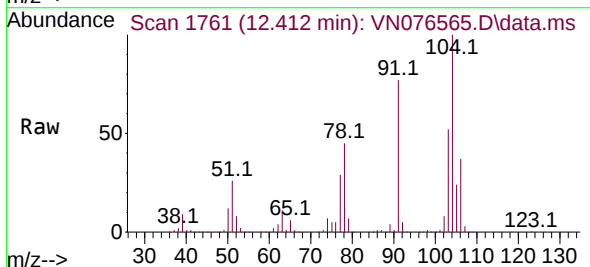
Manual Integrations
APPROVED

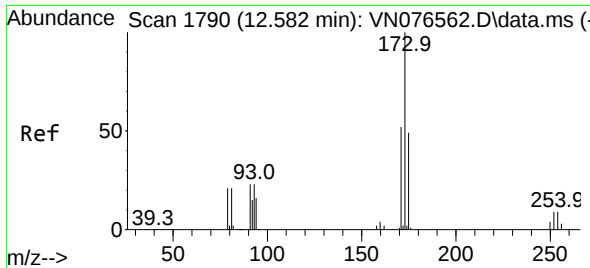
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#70
Styrene
Concen: 55.913 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

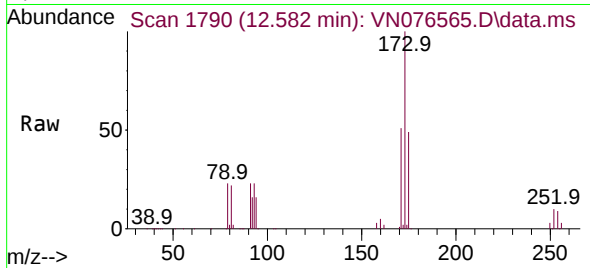
Tgt Ion:104 Resp: 1073067
Ion Ratio Lower Upper
104 100
78 48.0 38.2 57.4
103 54.2 43.7 65.5





#71
Bromoform
Concen: 54.897 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

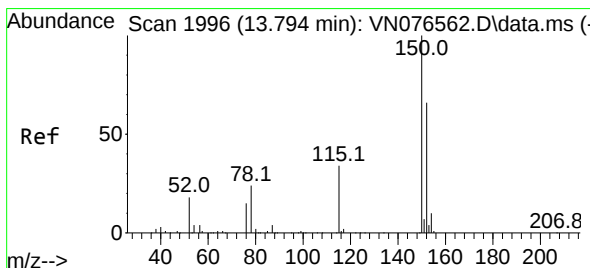
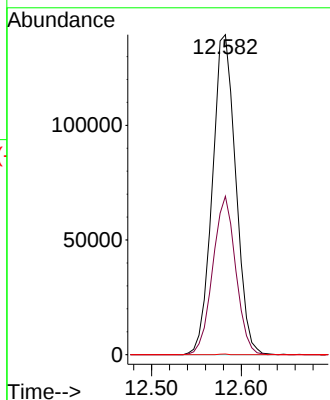
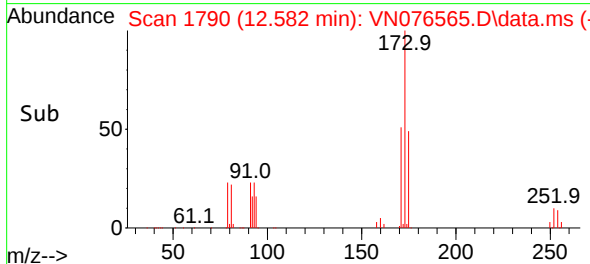
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



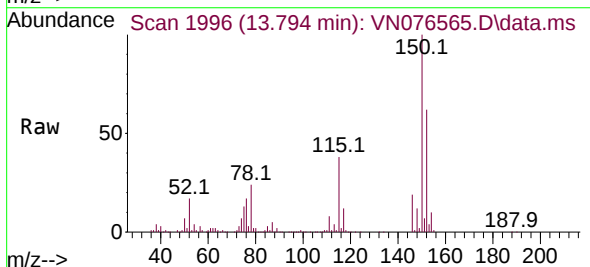
Tgt Ion:173 Resp: 252539
Ion Ratio Lower Upper
173 100
175 48.5 24.8 74.3
254 0.1 0.1 0.1

Manual Integrations
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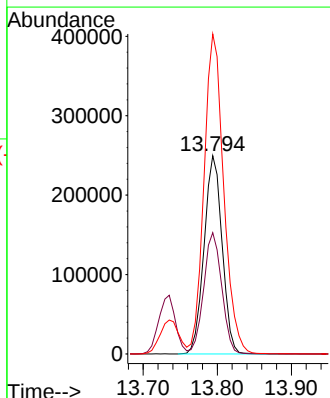
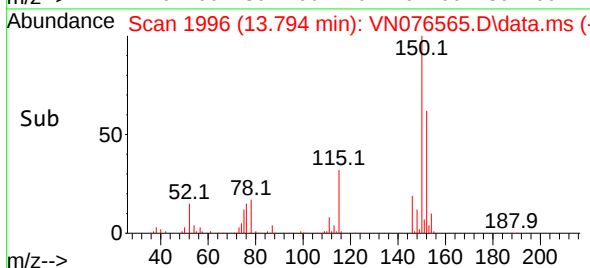
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

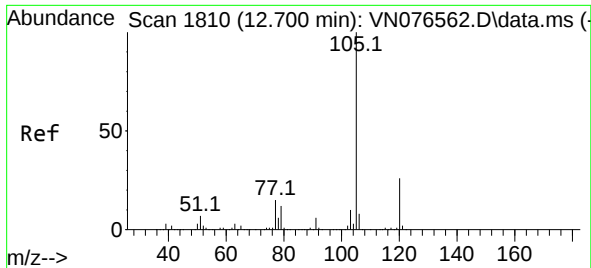


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32



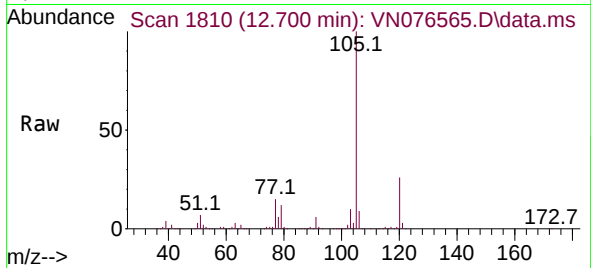
Tgt Ion:152 Resp: 421898
Ion Ratio Lower Upper
152 100
115 61.2 30.8 92.3
150 175.8 0.0 348.8





#73
Isopropylbenzene
Concen: 49.781 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

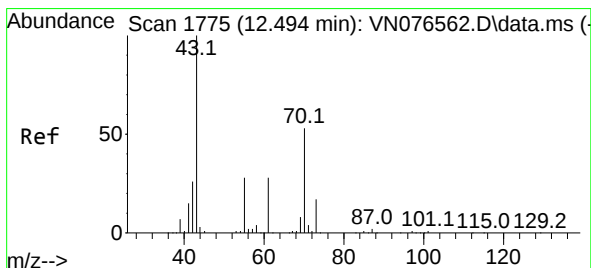
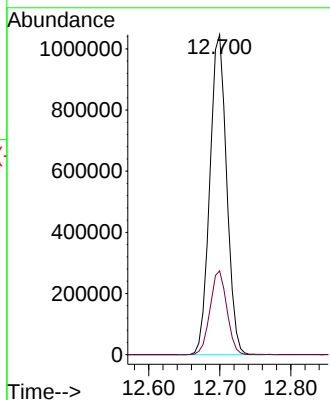
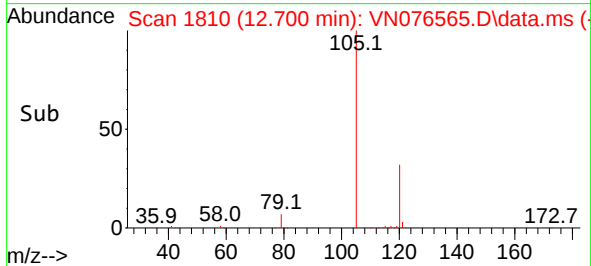
Instrument : MSVOA_N
ClientSampleId : ICVVN020723



Tgt Ion:105 Resp: 172005
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0

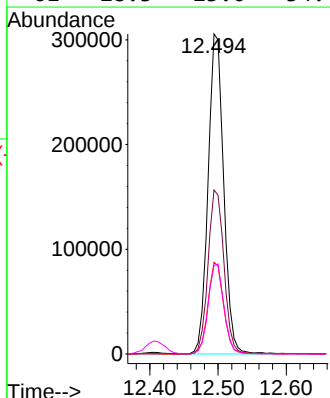
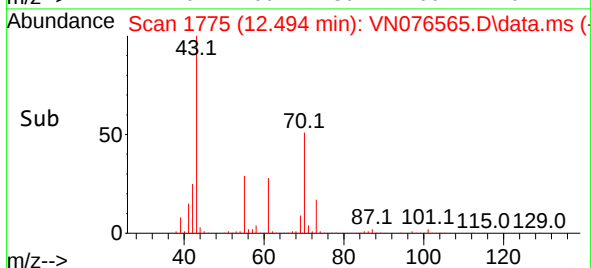
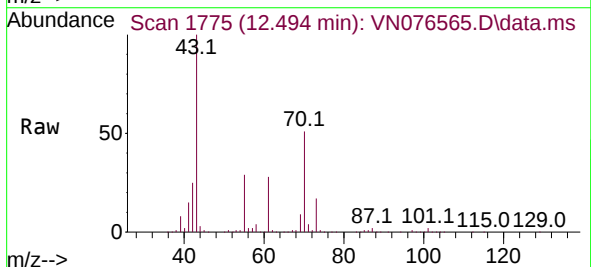
Manual Integrations
APPROVED

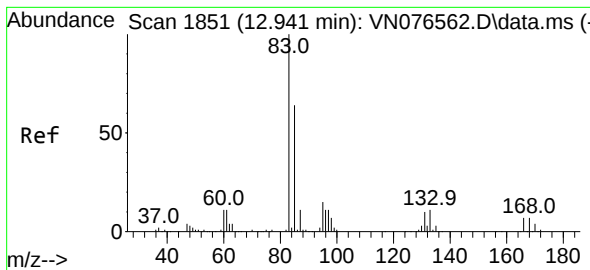
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#74
N-ethyl acetate
Concen: 50.562 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

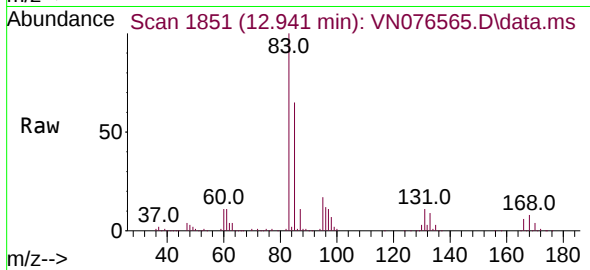
Tgt Ion: 43 Resp: 487201
Ion Ratio Lower Upper
43 100
70 52.4 43.1 64.7
55 28.6 22.4 33.6
61 28.3 23.0 34.4





#75
1,1,2,2-Tetrachloroethane
Concen: 47.009 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

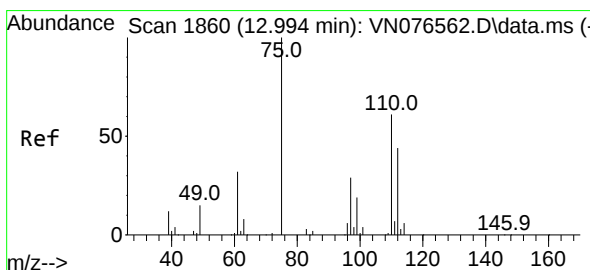
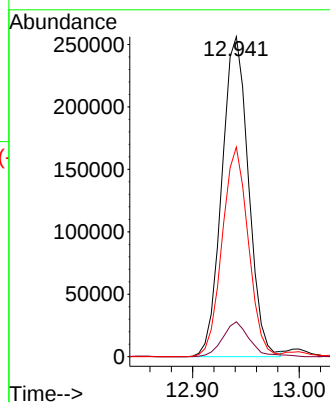
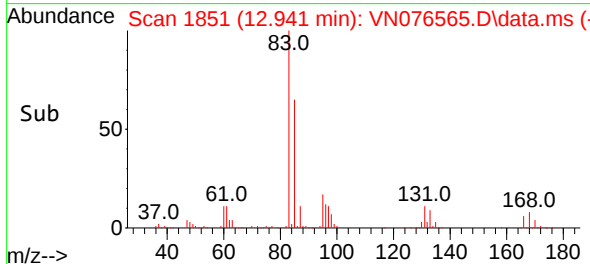
Instrument : MSVOA_N
ClientSampleId : ICVVN020723



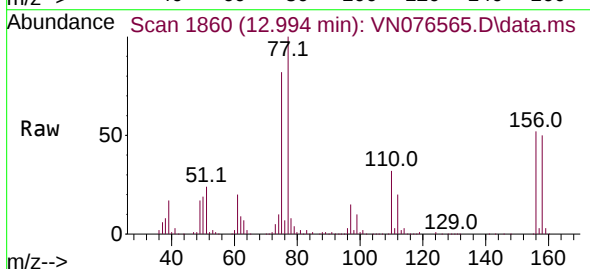
Tgt Ion: 83 Resp: 445210
Ion Ratio Lower Upper
83 100
131 11.0 5.3 16.1
85 64.2 32.4 97.0

Manual Integrations
APPROVED

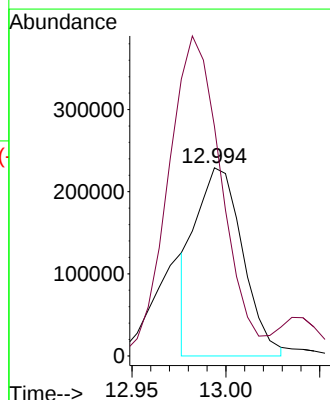
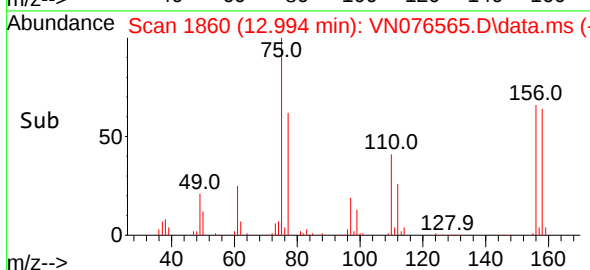
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

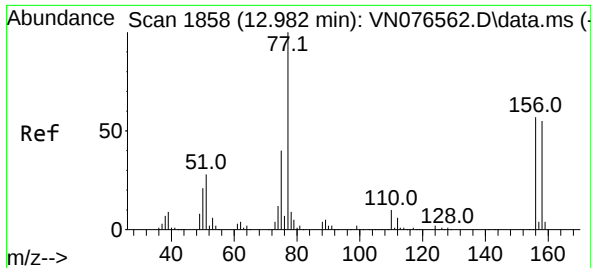


#76
1,2,3-Trichloropropane
Concen: 50.864 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32



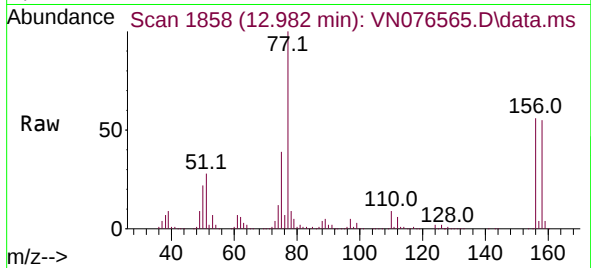
Tgt Ion: 75 Resp: 400383
Ion Ratio Lower Upper
75 100
77 193.9 87.5 262.5





#77
Bromobenzene
Concen: 48.159 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

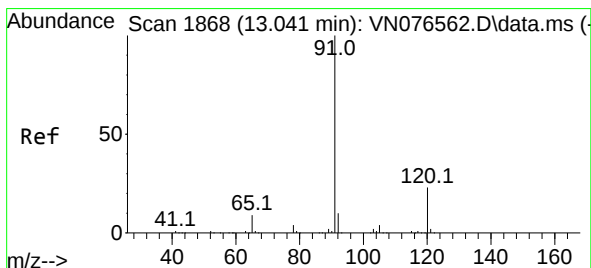
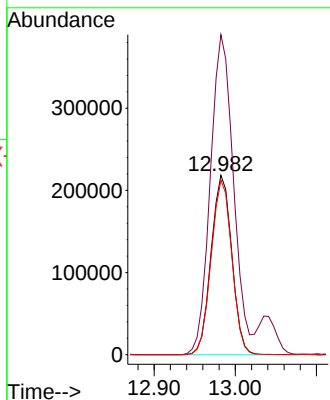
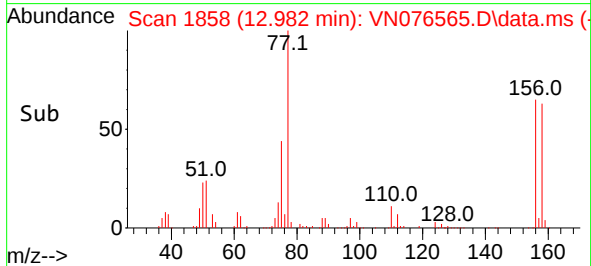
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion:156 Resp: 38705
Ion Ratio Lower Upper
156 100
77 200.5 101.6 304.9
158 97.0 48.9 146.7

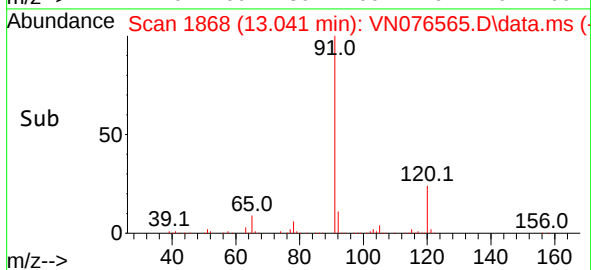
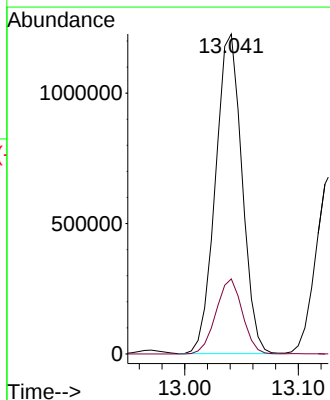
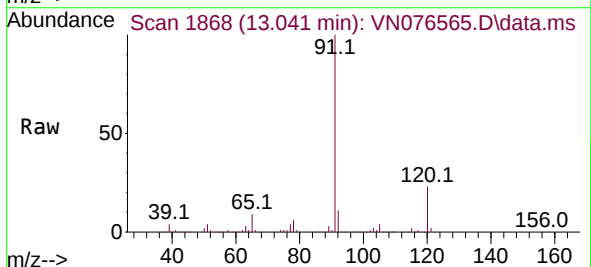
Manual Integrations
APPROVED

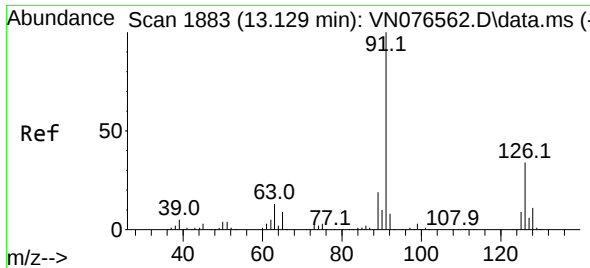
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#78
n-propylbenzene
Concen: 52.348 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

Tgt Ion: 91 Resp: 1991636
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8





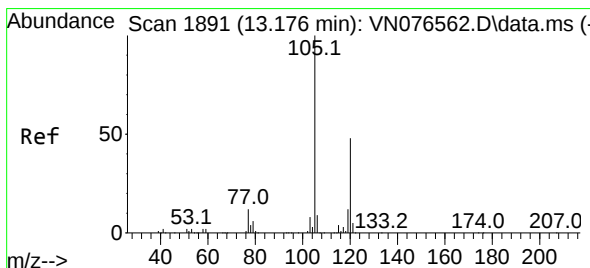
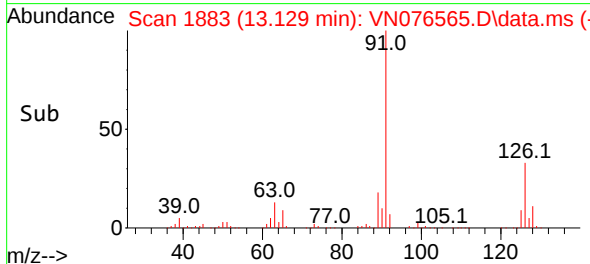
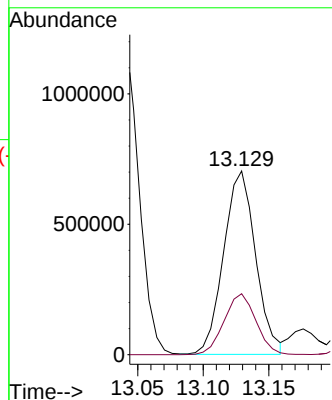
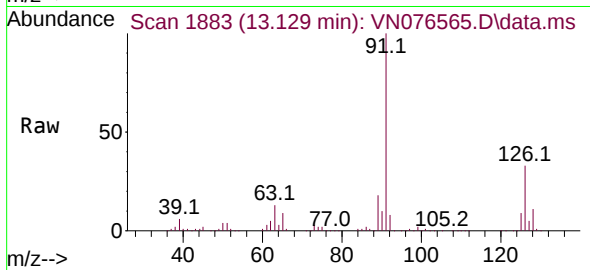
#79
2-Chlorotoluene
Concen: 49.308 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723

Tgt Ion: 91 Resp: 1195020
Ion Ratio Lower Upper
91 100
126 33.1 16.8 50.3

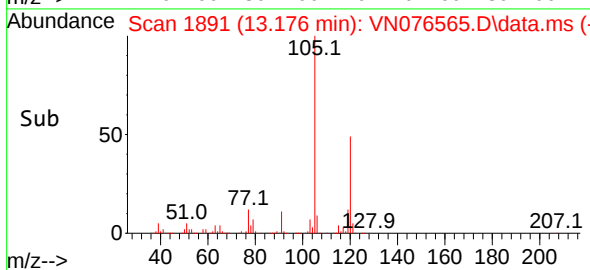
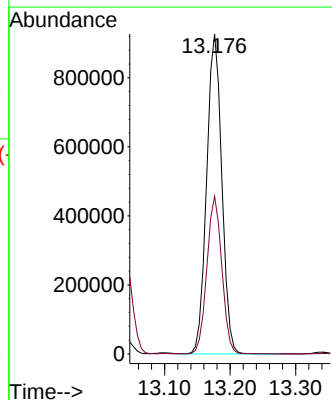
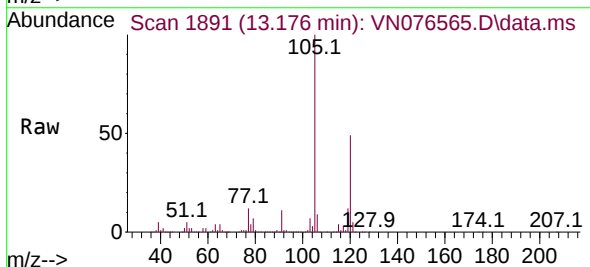
Manual Integrations
APPROVED

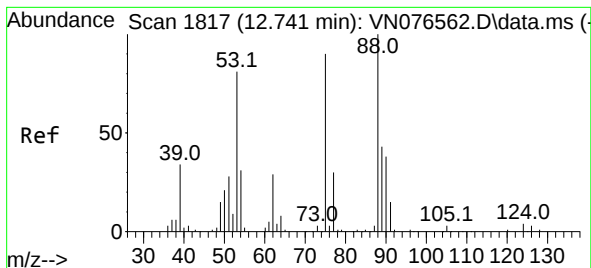
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.891 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

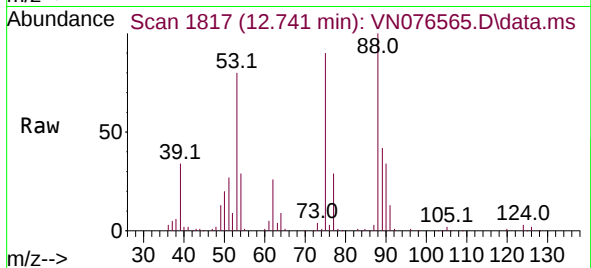
Tgt Ion:105 Resp: 1488046
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 52.600 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

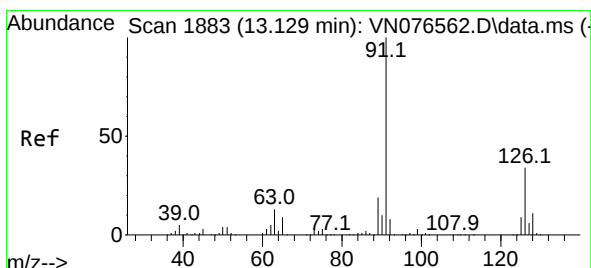
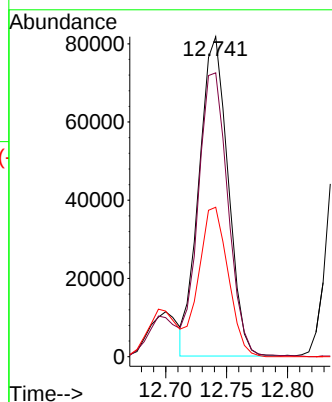
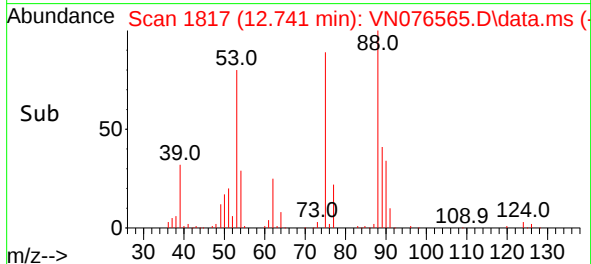
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion: 75 Resp: 134840
Ion Ratio Lower Upper
75 100
53 91.5 77.1 115.7
89 48.0 41.5 62.3

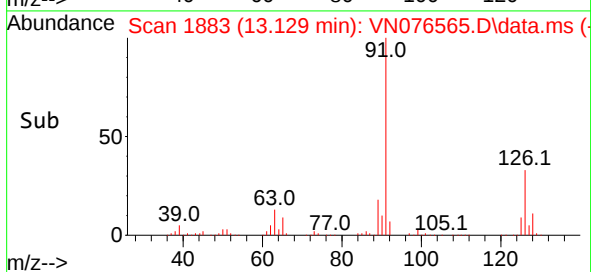
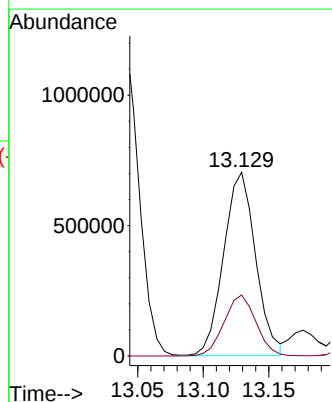
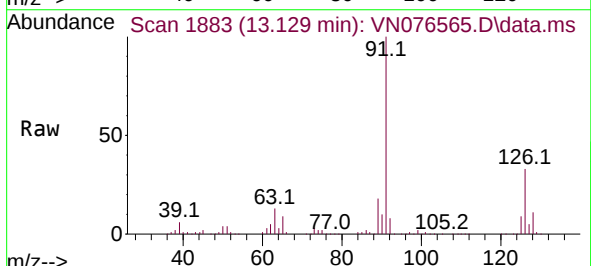
Manual Integrations
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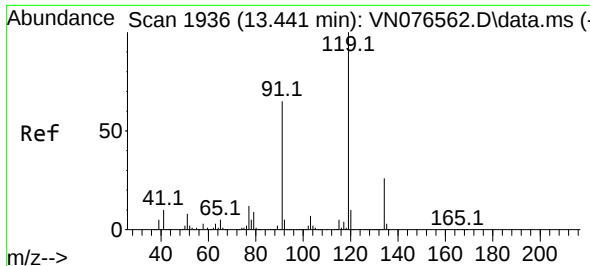
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#82
4-Chlorotoluene
Concen: 49.308 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

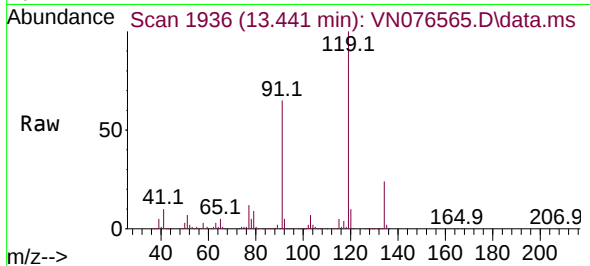
Tgt Ion: 91 Resp: 1195026
Ion Ratio Lower Upper
91 100
126 33.1 16.8 50.3





#83
tert-Butylbenzene
Concen: 51.289 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

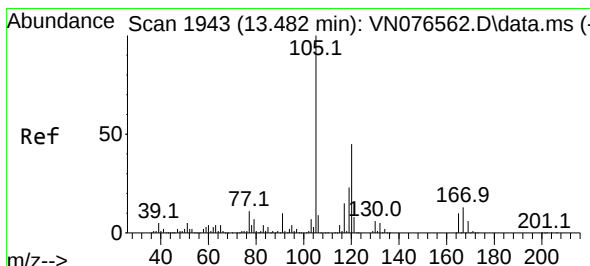
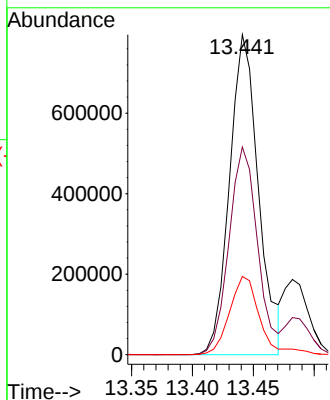
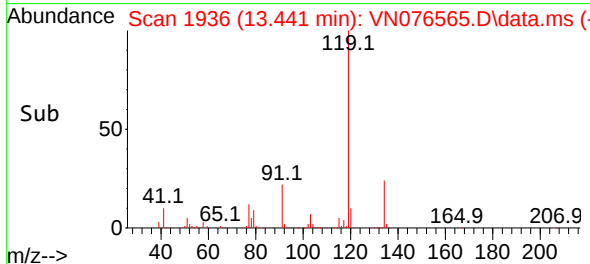
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion:119 Resp: 131738
Ion Ratio Lower Upper
119 100
91 64.1 33.2 99.6
134 25.6 13.4 40.1

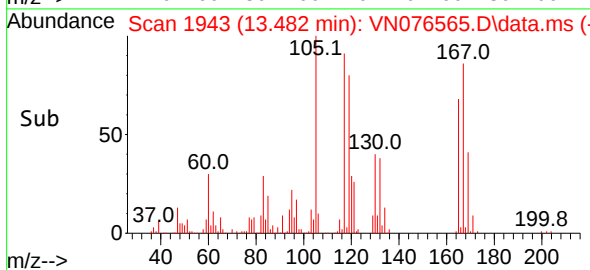
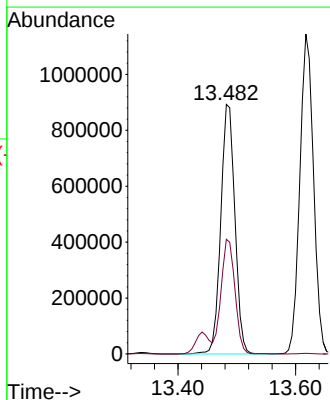
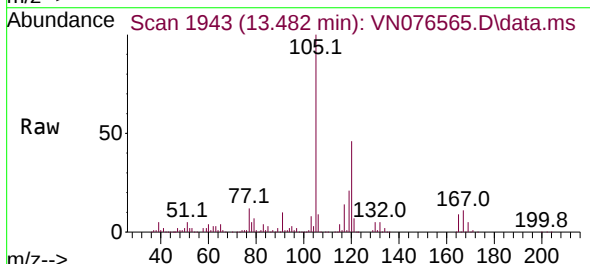
Manual Integrations
APPROVED

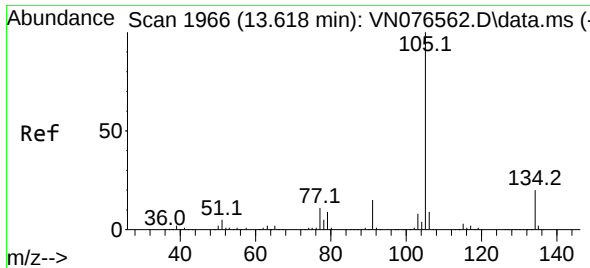
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.246 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

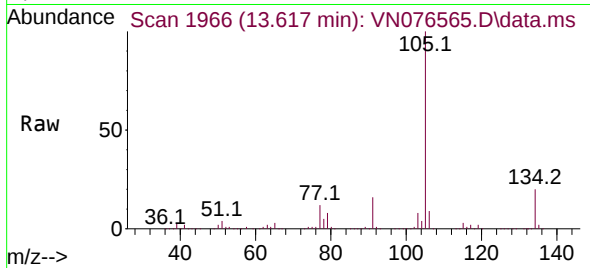
Tgt Ion:105 Resp: 1491004
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 53.411 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076565.D
 Acq: 07 Feb 2023 16:32

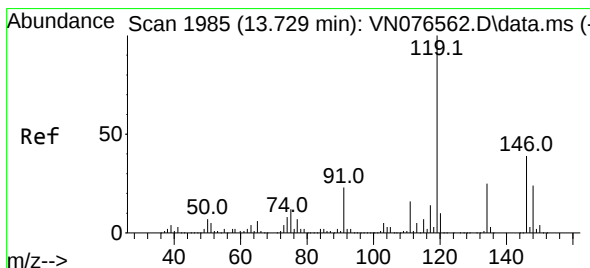
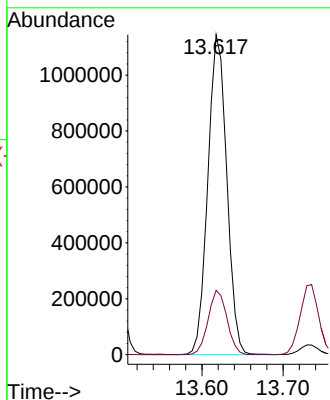
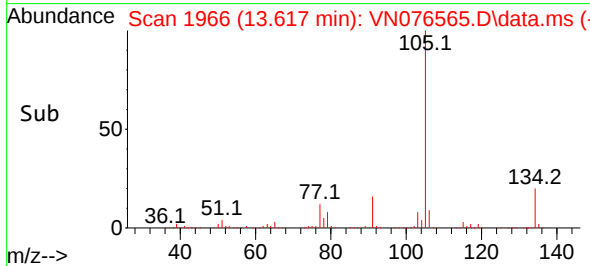
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN020723



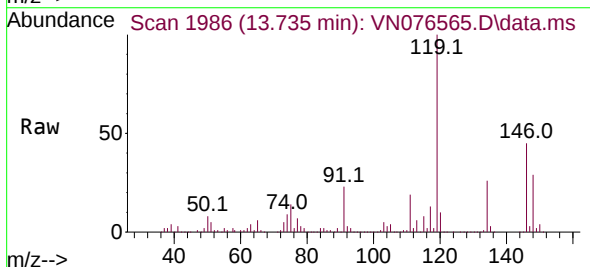
Tgt Ion:105 Resp: 1849985
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

Manual Integrations
 APPROVED

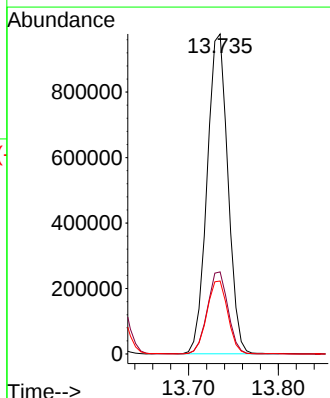
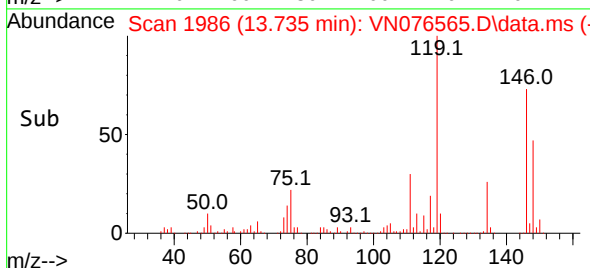
Reviewed By :John Carlone 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

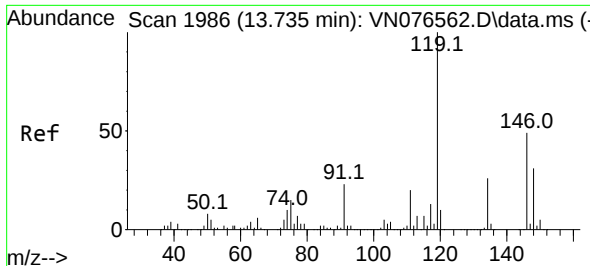


#86
 p-Isopropyltoluene
 Concen: 55.285 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076565.D
 Acq: 07 Feb 2023 16:32



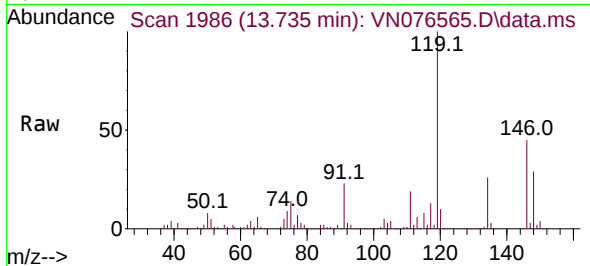
Tgt Ion:119 Resp: 1569258
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 23.0 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 50.275 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

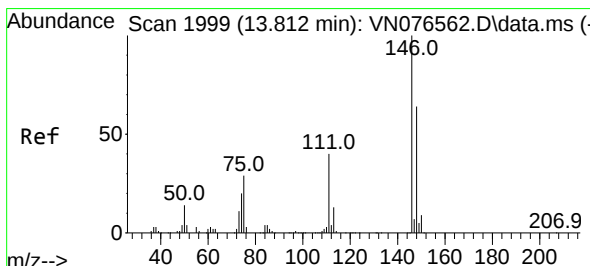
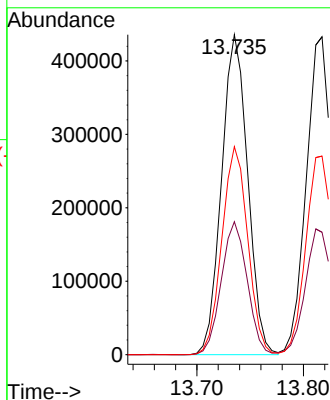
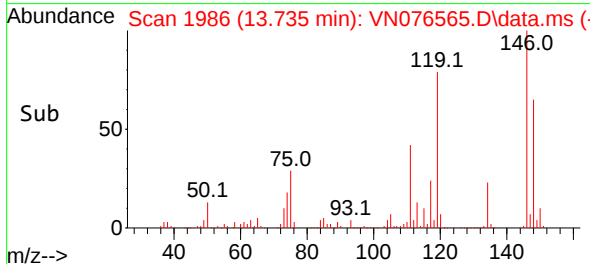
Instrument : MSVOA_N
ClientSampleId : ICVVN020723



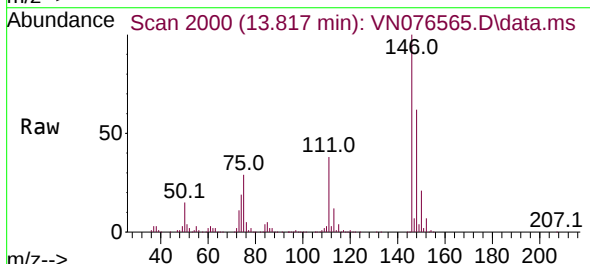
Tgt Ion:146 Resp: 743672
Ion Ratio Lower Upper
146 100
111 41.1 20.3 61.0
148 64.3 31.5 94.5

Manual Integrations
APPROVED

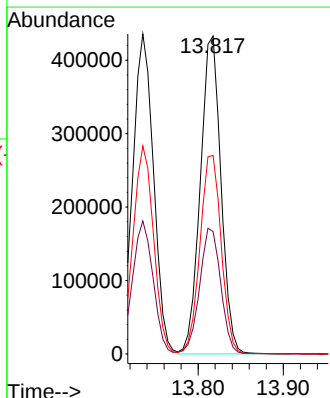
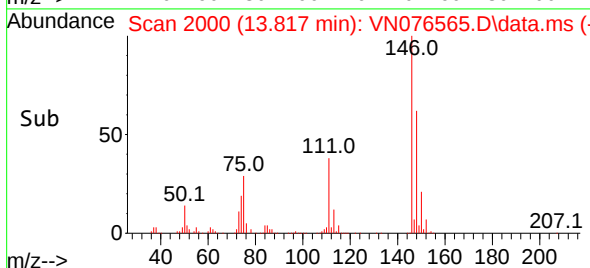
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

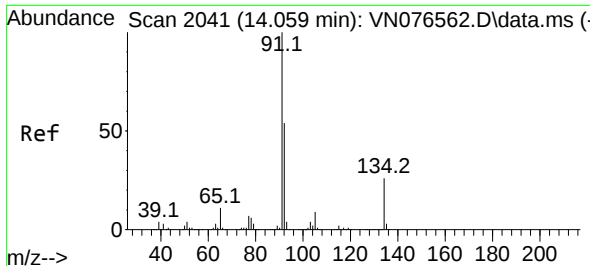


#88
1,4-Dichlorobenzene
Concen: 48.462 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32



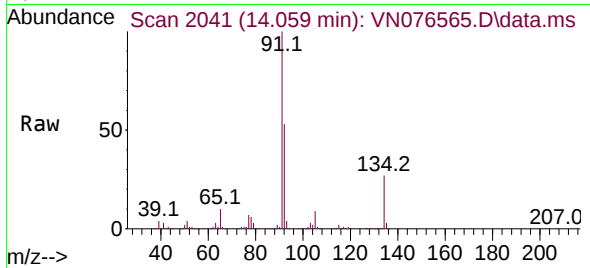
Tgt Ion:146 Resp: 728190
Ion Ratio Lower Upper
146 100
111 40.3 19.8 59.4
148 64.1 31.6 94.8





#89
n-Butylbenzene
Concen: 57.204 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

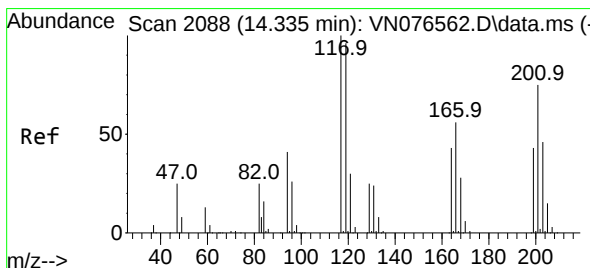
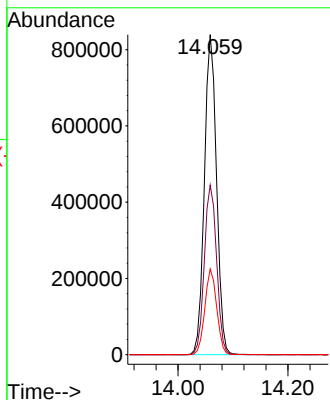
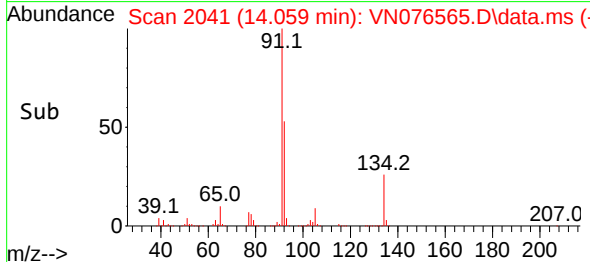
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion: 91 Resp: 1285749
Ion Ratio Lower Upper
91 100
92 53.8 27.0 80.8
134 26.2 13.1 39.3

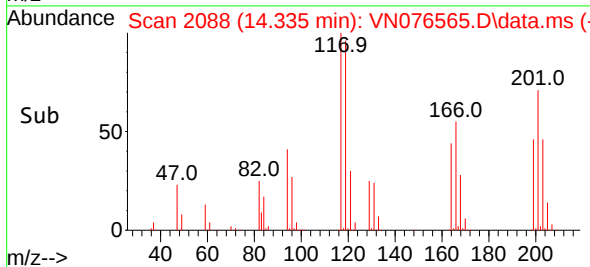
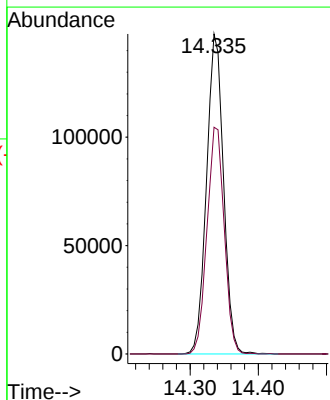
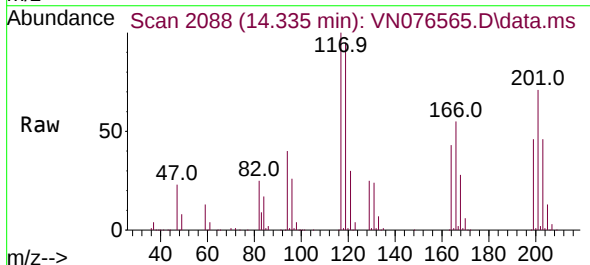
Manual Integrations
APPROVED

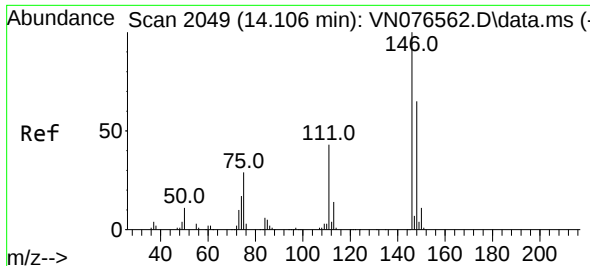
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#90
Hexachloroethane
Concen: 51.678 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

Tgt Ion:117 Resp: 255507
Ion Ratio Lower Upper
117 100
201 72.0 37.2 111.6





#91

1,2-Dichlorobenzene

Concen: 49.621 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076565.D

Acq: 07 Feb 2023 16:32

Instrument :

MSVOA_N

ClientSampleId :

ICVVN020723

Tgt Ion:146 Resp: 723664

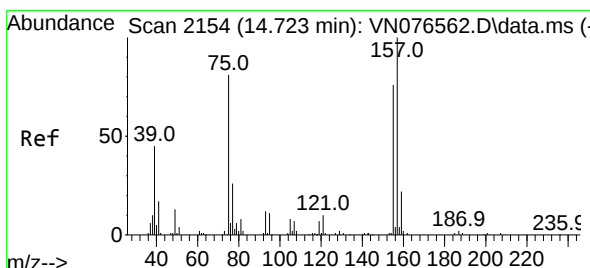
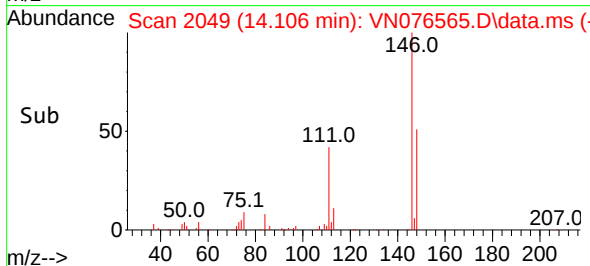
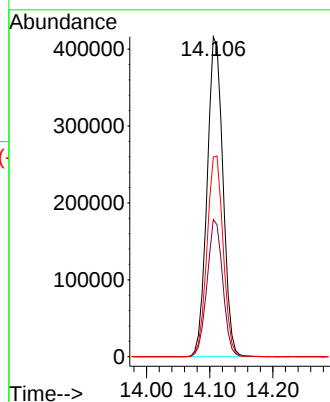
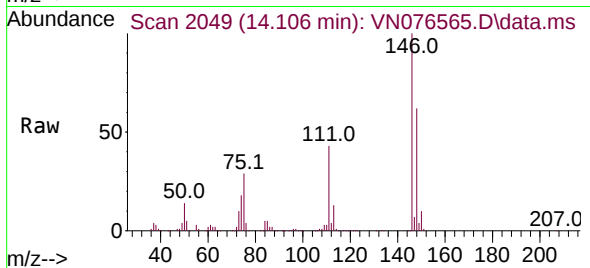
Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.4	64.3
148	64.0	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/08/2023

Supervised By :Mahesh Dadoda 02/08/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.479 ug/l

RT: 14.723 min Scan# 2154

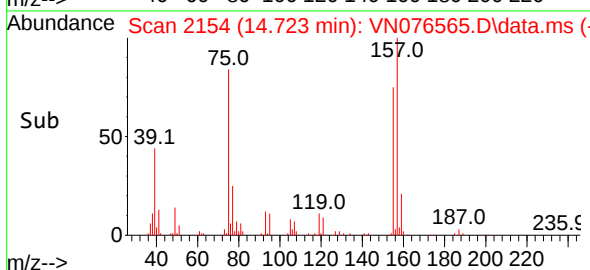
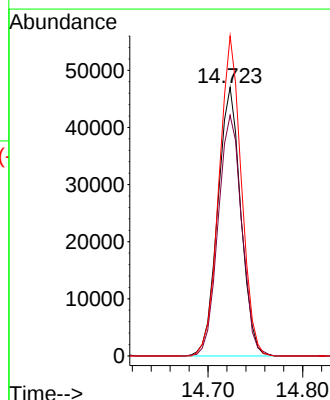
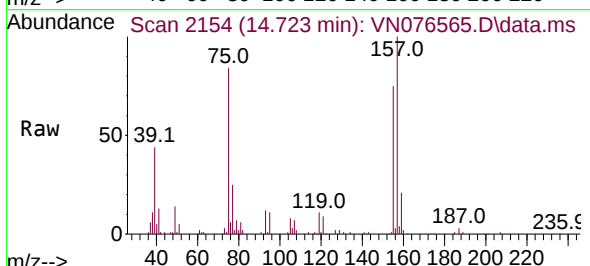
Delta R.T. -0.000 min

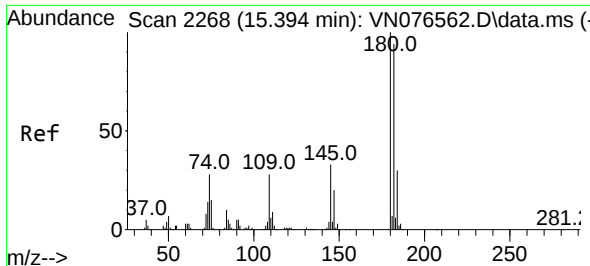
Lab File: VN076565.D

Acq: 07 Feb 2023 16:32

Tgt Ion: 75 Resp: 79462

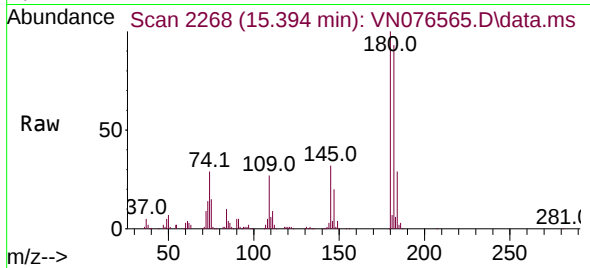
Ion	Ratio	Lower	Upper
75	100		
155	91.5	44.8	134.4
157	114.9	58.4	175.1





#93
1,2,4-Trichlorobenzene
Concen: 52.989 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

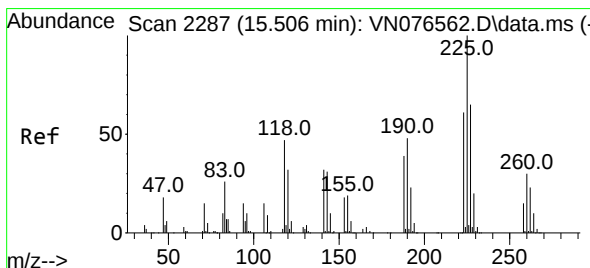
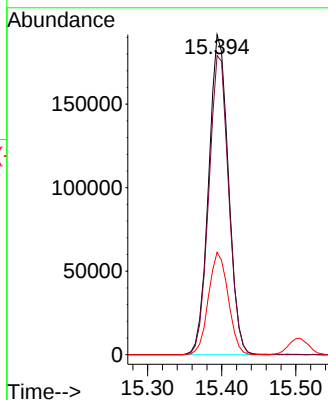
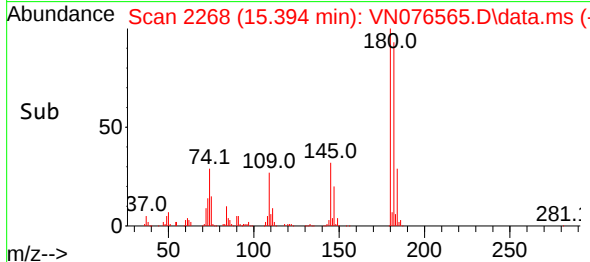
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion:180 Resp: 35410
Ion Ratio Lower Upper
180 100
182 93.8 47.4 142.2
145 32.0 16.3 48.8

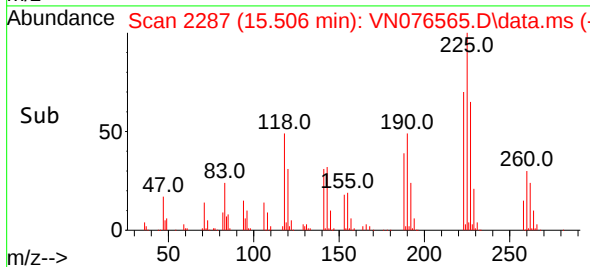
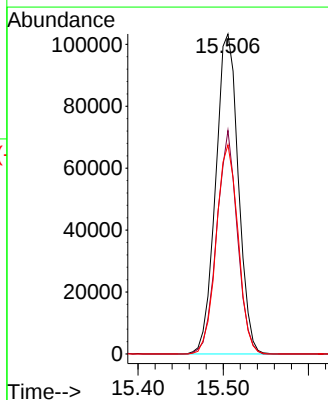
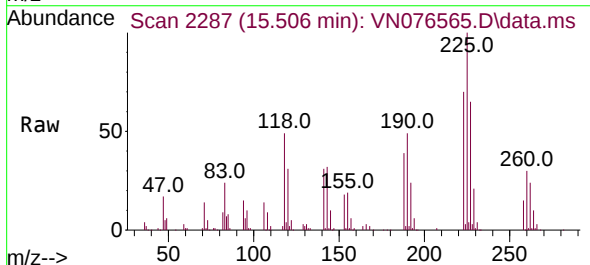
Manual Integrations
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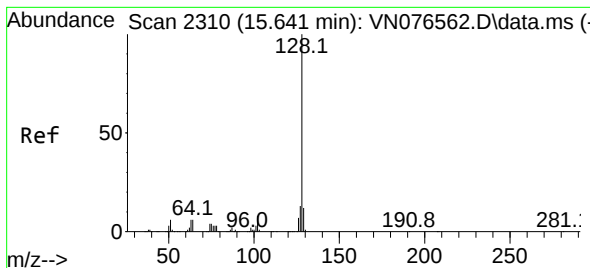
Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#94
Hexachlorobutadiene
Concen: 50.864 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

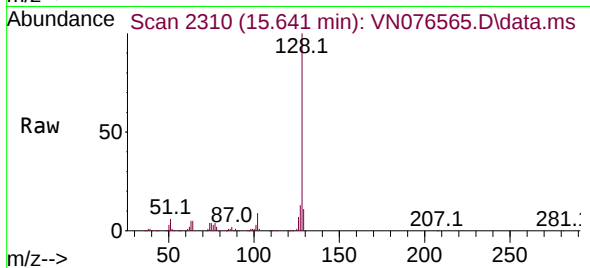
Tgt Ion:225 Resp: 191131
Ion Ratio Lower Upper
225 100
223 63.5 31.2 93.6
227 63.0 31.8 95.3





#95
Naphthalene
Concen: 51.721 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

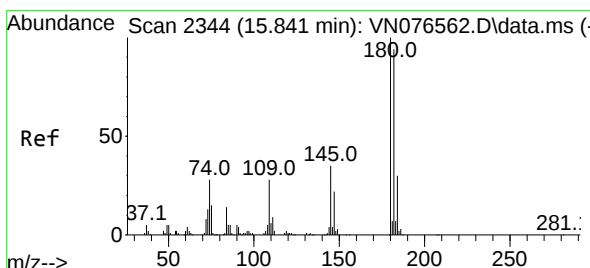
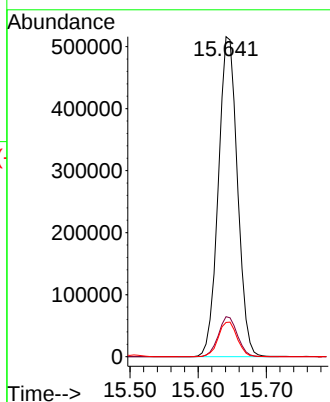
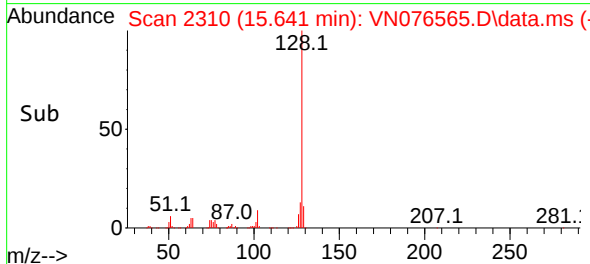
Instrument :
MSVOA_N
ClientSampleId :
ICVVN020723



Tgt Ion:128 Resp: 100554
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.095 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076565.D
Acq: 07 Feb 2023 16:32

Tgt Ion:180 Resp: 333395
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 34.6 17.2 51.5

