

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010323\
 Data File : VN076057.D
 Acq On : 03 Jan 2023 12:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 04 04:08:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/04/2023
 Supervised By : Mahesh Dadoda 01/04/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	354641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	556977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	509328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	253991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	172829	44.796	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.600%		
35) Dibromofluoromethane	8.171	113	163587	47.426	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.860%		
50) Toluene-d8	10.571	98	597061	46.296	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.600%		
62) 4-Bromofluorobenzene	12.853	95	209965	49.155	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.320%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	169170	67.182	ug/l	96
3) Chloromethane	2.371	50	157031	50.151	ug/l	96
4) Vinyl Chloride	2.530	62	194690	52.126	ug/l	96
5) Bromomethane	2.948	94	149839	47.204	ug/l	99
6) Chloroethane	3.124	64	132242	47.811	ug/l	95
7) Trichlorofluoromethane	3.506	101	276856	48.850	ug/l	92
8) Diethyl Ether	3.977	74	99499	48.067	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	159418	49.260	ug/l	100
10) Methyl Iodide	4.595	142	255108	48.573	ug/l	99
11) Tert butyl alcohol	5.536	59	114040	208.893	ug/l	100
12) 1,1-Dichloroethene	4.353	96	153125	48.717	ug/l	99
13) Acrolein	4.195	56	120437	179.948	ug/l	99
14) Allyl chloride	5.036	41	186026	50.629	ug/l	96
15) Acrylonitrile	5.730	53	324686	217.939	ug/l	99
16) Acetone	4.442	43	319108	239.934	ug/l	98
17) Carbon Disulfide	4.724	76	370406	48.673	ug/l	97
18) Methyl Acetate	5.030	43	177187	45.071	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	500970	48.400	ug/l	96
20) Methylene Chloride	5.289	84	167913	47.159	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	160977	46.765	ug/l	95
22) Diisopropyl ether	6.683	45	421238	47.193	ug/l	98
23) Vinyl Acetate	6.612	43	1407847	234.338	ug/l	100
24) 1,1-Dichloroethane	6.577	63	271004	45.525	ug/l	99
25) 2-Butanone	7.489	43	428893	230.313	ug/l	98
26) 2,2-Dichloropropane	7.500	77	250237	49.639	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	191189	46.440	ug/l	97
28) Bromochloromethane	7.824	49	104709	40.132	ug/l	99
29) Tetrahydrofuran	7.847	42	265669	227.650	ug/l	99
30) Chloroform	7.977	83	302935	45.199	ug/l	95
31) Cyclohexane	8.259	56	254844	46.121	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	284243	47.836	ug/l	99
36) 1,1-Dichloropropene	8.377	75	227002	49.542	ug/l	99
37) Ethyl Acetate	7.565	43	172401	46.842	ug/l	98
38) Carbon Tetrachloride	8.371	117	255033	49.730	ug/l	98
39) Methylcyclohexane	9.606	83	292753	52.959	ug/l	99
40) Benzene	8.612	78	676276	47.837	ug/l	100

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Reviewed By :John Carlone 01/04/2023
 Supervised By :Mahesh Dadoda 01/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	90800	47.463	ug/l	97
42) 1,2-Dichloroethane	8.677	62	221334	47.093	ug/l	100
43) Isopropyl Acetate	8.694	43	293758	48.385	ug/l	99
44) Trichloroethene	9.359	130	188796	47.404	ug/l	95
45) 1,2-Dichloropropane	9.624	63	162289	47.174	ug/l	100
46) Dibromomethane	9.712	93	119838	46.966	ug/l	98
47) Bromodichloromethane	9.888	83	242153	48.394	ug/l	100
48) Methyl methacrylate	9.682	41	138650	50.705	ug/l	98
49) 1,4-Dioxane	9.700	88	63914	950.757	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	874622	238.211	ug/l	99
52) Toluene	10.635	92	456824	49.616	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	256178	52.301	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	278178	51.726	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	171907	47.569	ug/l	99
56) Ethyl methacrylate	10.877	69	245350	51.113	ug/l	99
57) 1,3-Dichloropropane	11.165	76	282054	47.581	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	379999	248.644	ug/l	99
59) 2-Hexanone	11.200	43	656135	245.046	ug/l	99
60) Dibromochloromethane	11.359	129	197513	49.145	ug/l	98
61) 1,2-Dibromoethane	11.471	107	180233	49.283	ug/l	98
64) Tetrachloroethene	11.106	164	180136	50.261	ug/l	99
65) Chlorobenzene	11.894	112	490507	46.921	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	184782	47.722	ug/l	100
67) Ethyl Benzene	11.965	91	884358	50.124	ug/l	99
68) m/p-Xylenes	12.076	106	702618	100.615	ug/l	99
69) o-Xylene	12.400	106	345803	50.039	ug/l	100
70) Styrene	12.412	104	562781	51.218	ug/l	99
71) Bromoform	12.582	173	144215	51.185	ug/l #	99
73) Isopropylbenzene	12.700	105	911569	49.665	ug/l	100
74) N-amyl acetate	12.500	43	267014	49.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	243502	42.915	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	213886m	41.776	ug/l	
77) Bromobenzene	12.982	156	216040	46.509	ug/l	97
78) n-propylbenzene	13.041	91	1041282	51.437	ug/l	99
79) 2-Chlorotoluene	13.129	91	601230	47.577	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	771837	50.244	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	73588	51.736	ug/l	99
82) 4-Chlorotoluene	13.129	91	601230	47.577	ug/l	99
83) tert-Butylbenzene	13.441	119	704025	51.980	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	783729	51.428	ug/l	99
85) sec-Butylbenzene	13.618	105	972843	52.040	ug/l	99
86) p-Isopropyltoluene	13.735	119	848975	54.578	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	414492	48.307	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	412175	47.023	ug/l	100
89) n-Butylbenzene	14.059	91	693105	55.001	ug/l	100
90) Hexachloroethane	14.335	117	143795	51.678	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	406250	48.068	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45094	44.789	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	214003	51.145	ug/l	99
94) Hexachlorobutadiene	15.506	225	113644	49.781	ug/l	99
95) Naphthalene	15.647	128	616925	44.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	200357	51.232	ug/l	98

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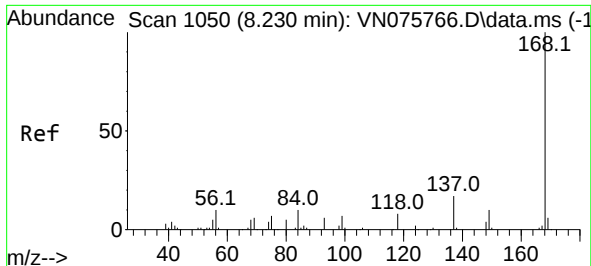
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

Quant Time: Jan 04 04:08:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

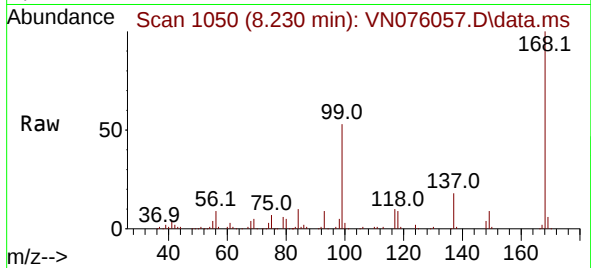
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076057.D
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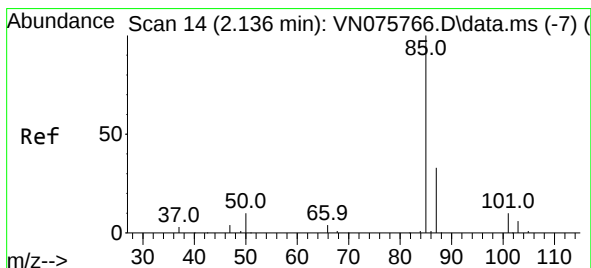
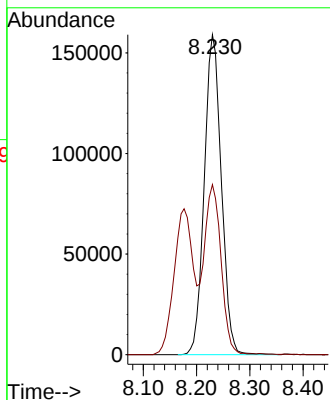
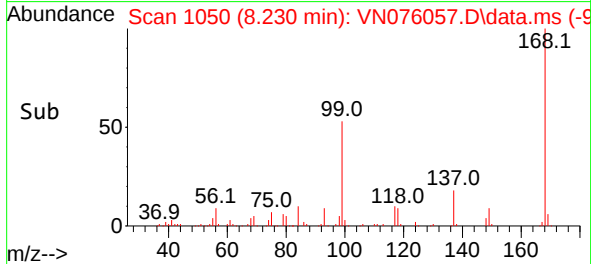
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



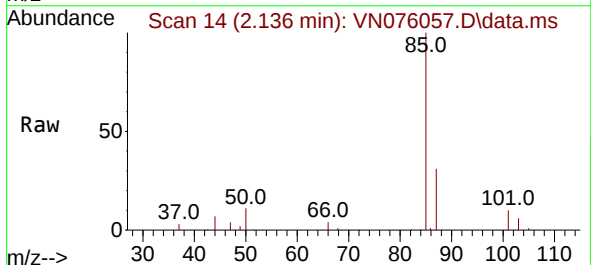
Tgt Ion:168 Resp: 35464
Ion Ratio Lower Upper
168 100
99 53.1 44.2 66.4

Manual Integrations
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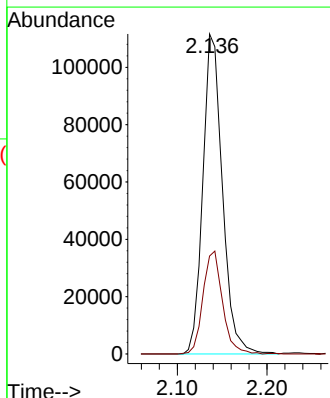
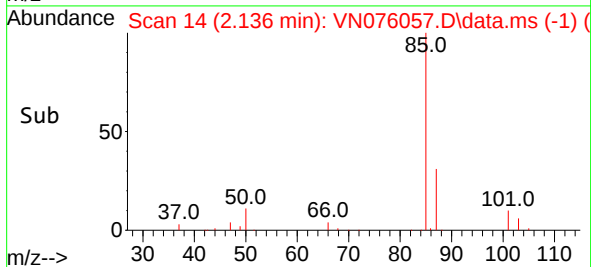
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#2
Dichlorodifluoromethane
Concen: 67.182 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29



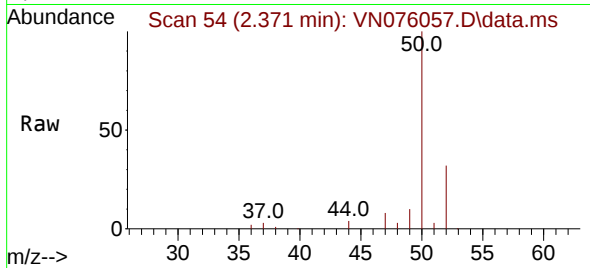
Tgt Ion: 85 Resp: 169170
Ion Ratio Lower Upper
85 100
87 30.6 16.3 48.9





#3
Chloromethane
Concen: 50.151 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

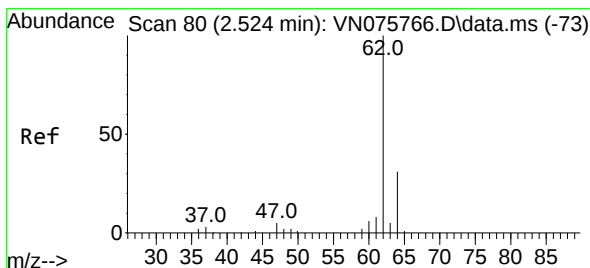
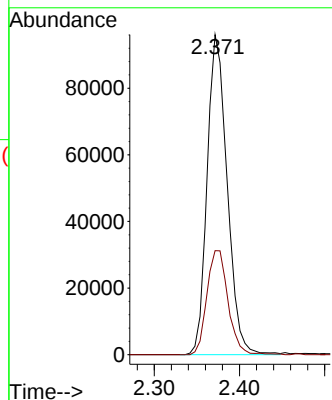
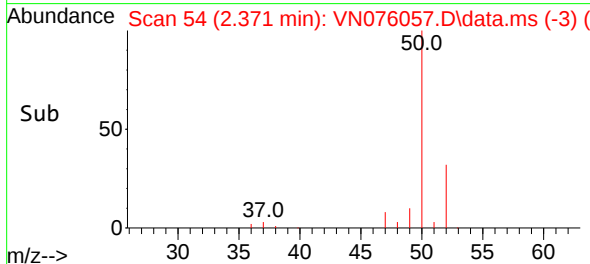
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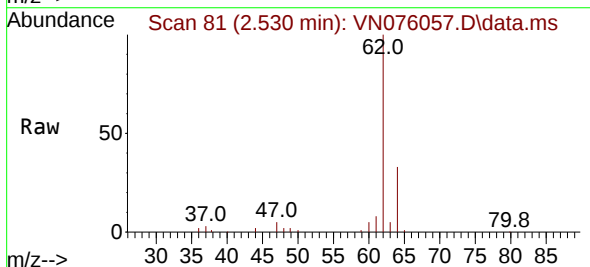
Tgt Ion: 50 Resp: 15703
Ion Ratio Lower Upper
50 100
52 32.5 27.7 41.5

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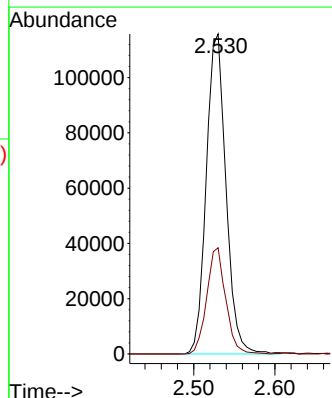
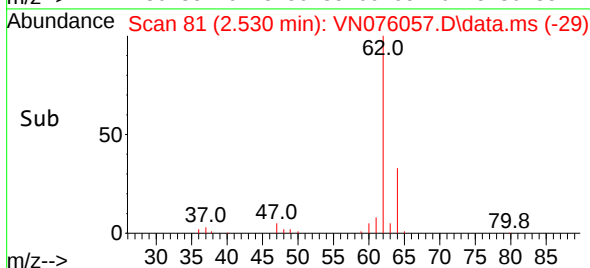
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

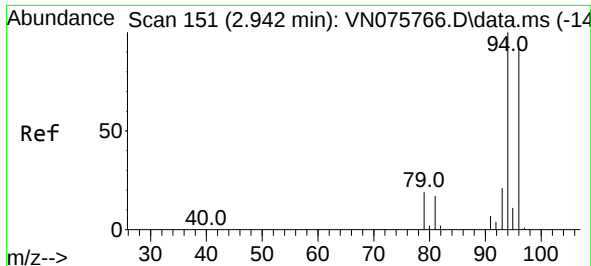


#4
Vinyl Chloride
Concen: 52.126 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29



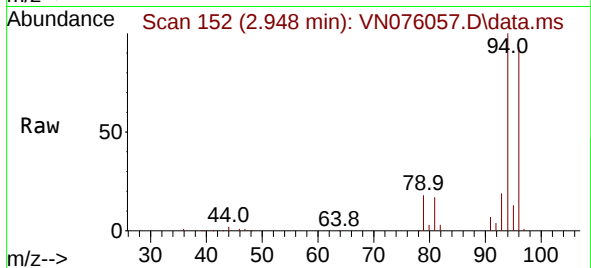
Tgt Ion: 62 Resp: 194690
Ion Ratio Lower Upper
62 100
64 33.2 24.9 37.3





#5
Bromomethane
Concen: 47.204 ug/l
RT: 2.948 min Scan# 151
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

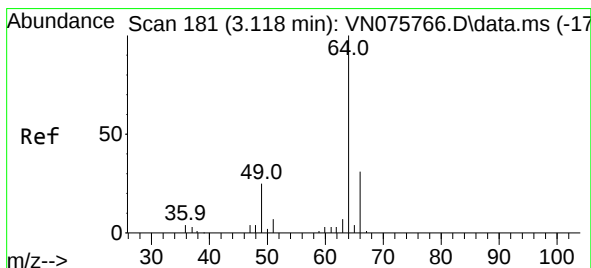
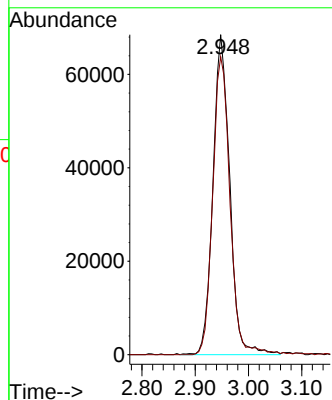
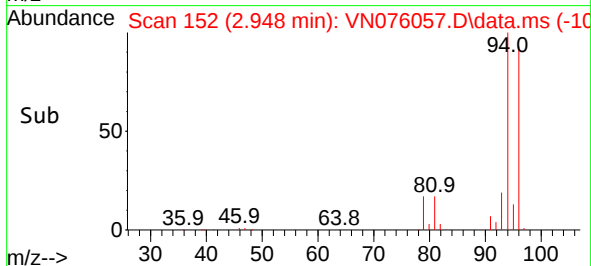
Instrument :
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Tgt Ion: 94 Resp: 149839
Ion Ratio Lower Upper
94 100
96 93.1 73.8 110.6

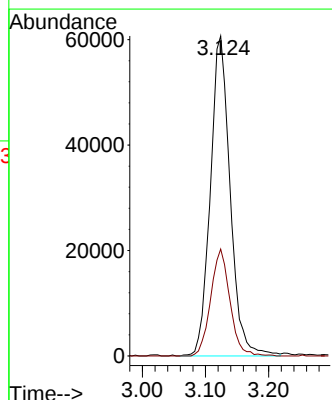
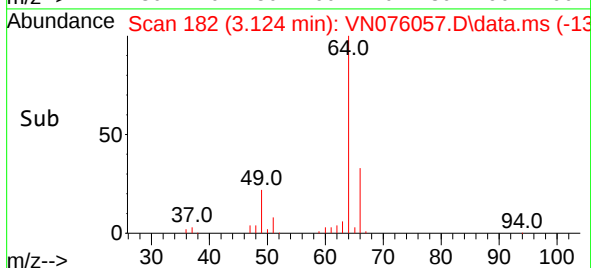
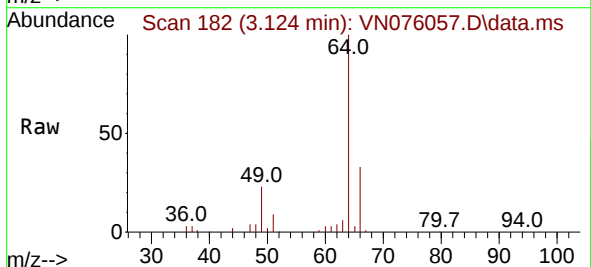
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#6
Chloroethane
Concen: 47.811 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

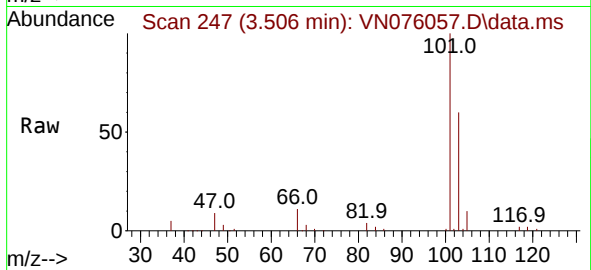
Tgt Ion: 64 Resp: 132242
Ion Ratio Lower Upper
64 100
66 33.4 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 48.850 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN076057.D
 Acq: 03 Jan 2023 12:29

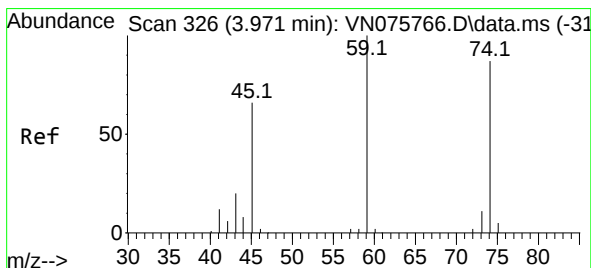
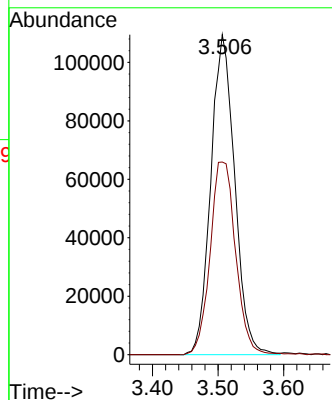
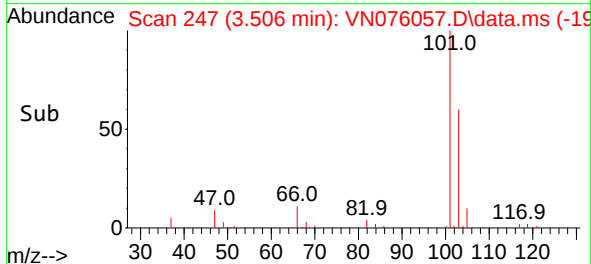
Instrument :
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 VSTDCCC050



Tgt Ion:101 Resp: 276850
 Ion Ratio Lower Upper
 101 100
 103 60.2 53.4 80.2

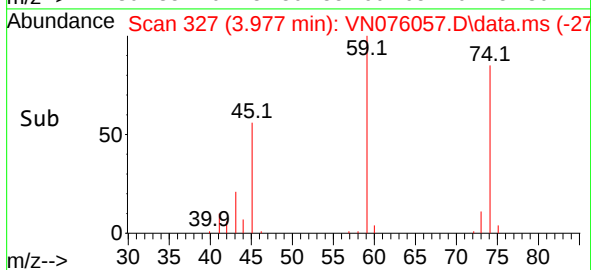
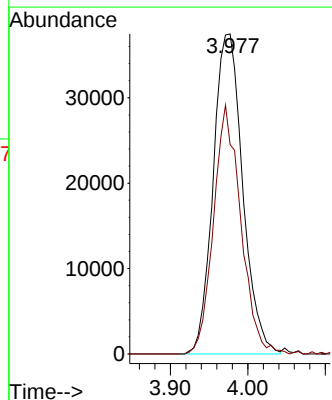
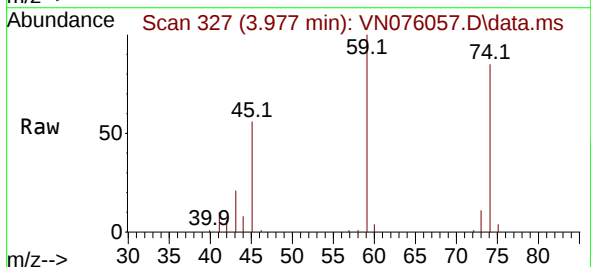
Manual Integrations
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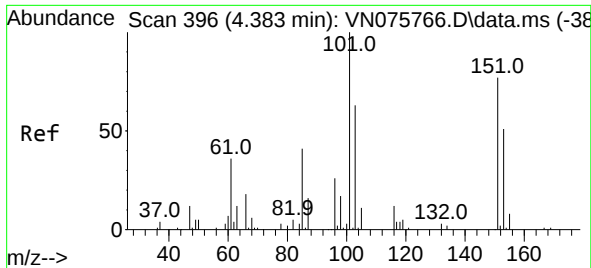
Reviewed By :John Carlone 01/04/2023
 Supervised By :Mahesh Dadoda 01/04/2023



#8
 Diethyl Ether
 Concen: 48.067 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN076057.D
 Acq: 03 Jan 2023 12:29

Tgt Ion: 74 Resp: 99499
 Ion Ratio Lower Upper
 74 100
 45 71.4 37.8 113.4





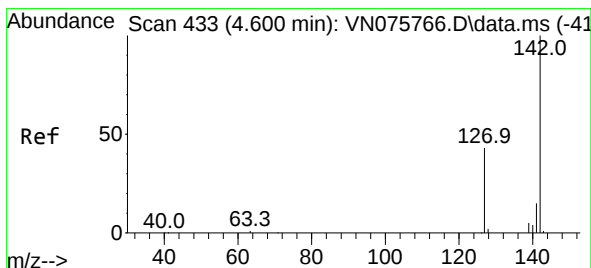
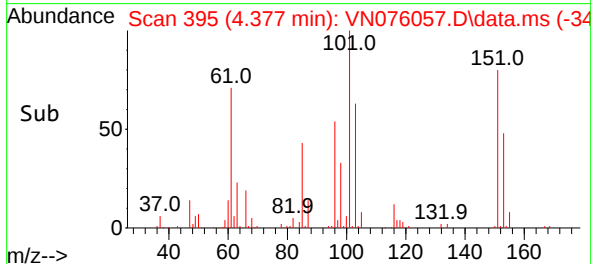
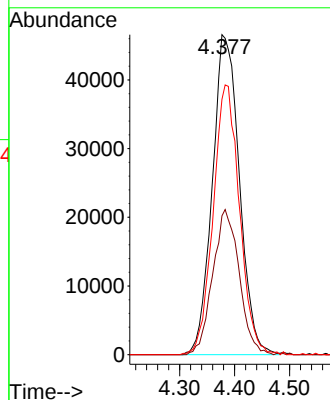
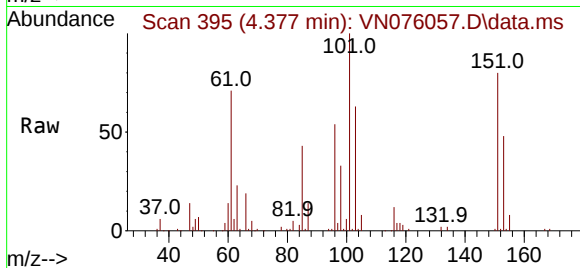
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.260 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN076057.D
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Tgt Ion:101 Resp: 159418
Ion Ratio Lower Upper
101 100
85 44.2 35.3 52.9
151 82.1 65.6 98.4

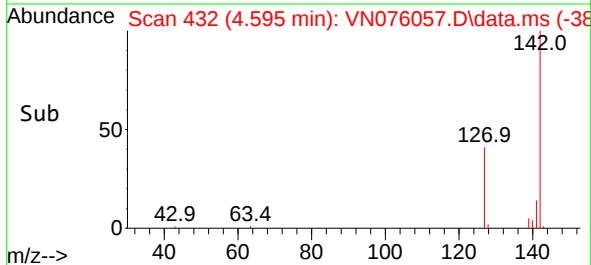
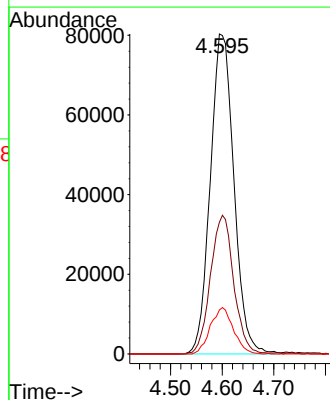
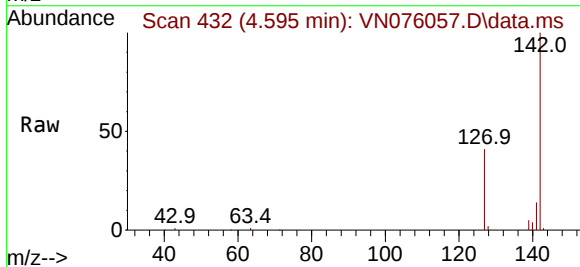
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#10
Methyl Iodide
Concen: 48.573 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

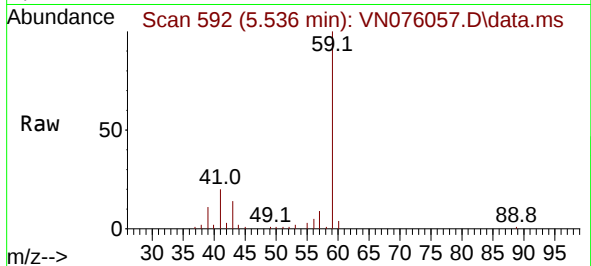
Tgt Ion:142 Resp: 255108
Ion Ratio Lower Upper
142 100
127 42.6 34.7 52.1
141 14.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 208.893 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

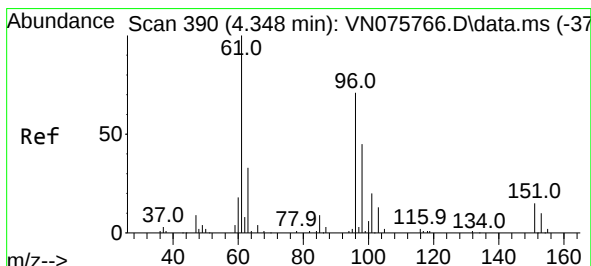
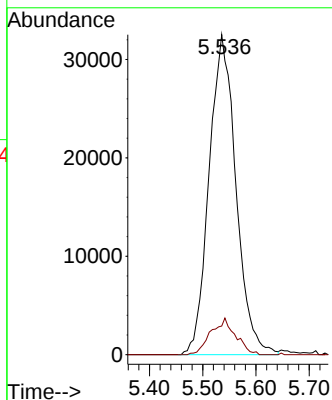
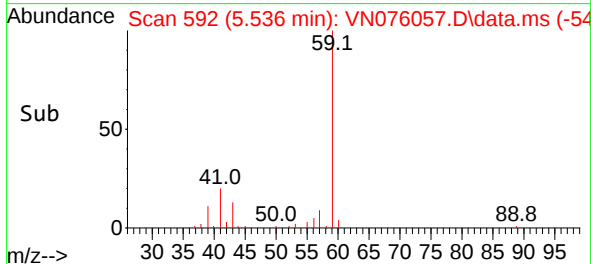
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



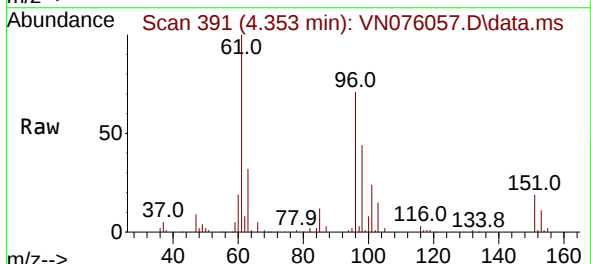
Tgt Ion: 59 Resp: 114040
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
APPROVED

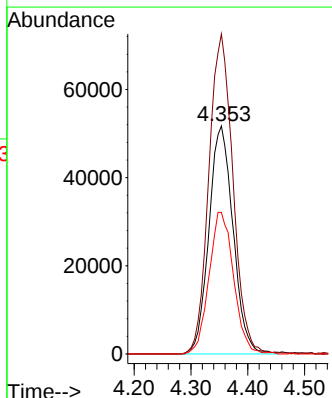
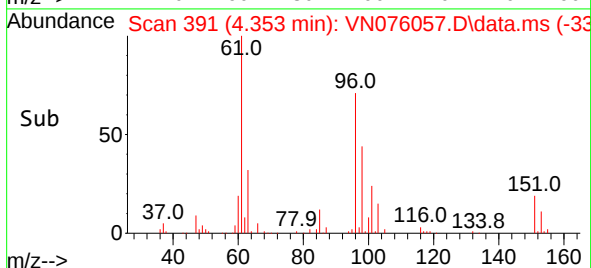
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

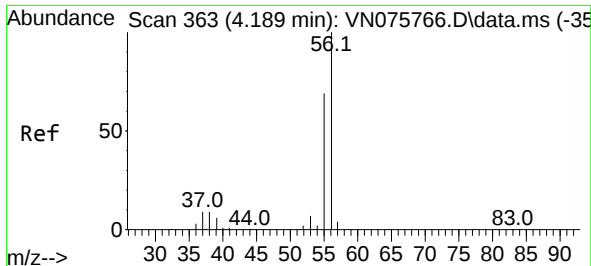


#12
1,1-Dichloroethene
Concen: 48.717 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29



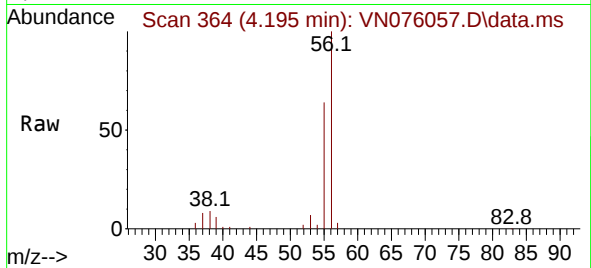
Tgt Ion: 96 Resp: 153125
Ion Ratio Lower Upper
96 100
61 140.3 113.3 169.9
98 62.1 50.9 76.3





#13
Acrolein
Concen: 179.948 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

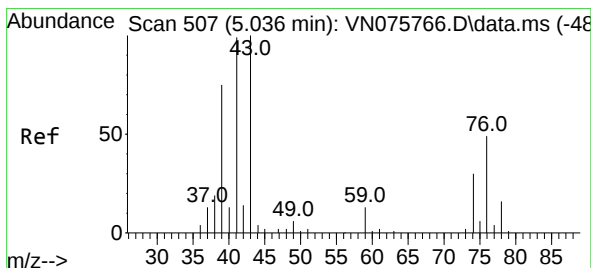
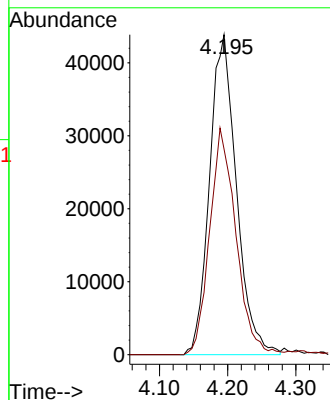
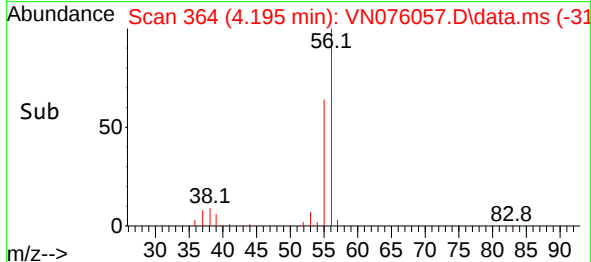
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 12043
Ion Ratio Lower Upper
56 100
55 69.1 54.8 82.2

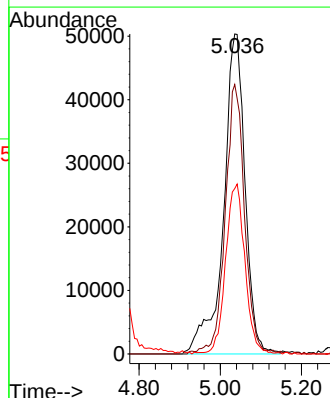
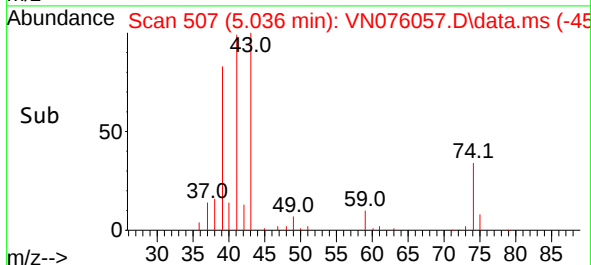
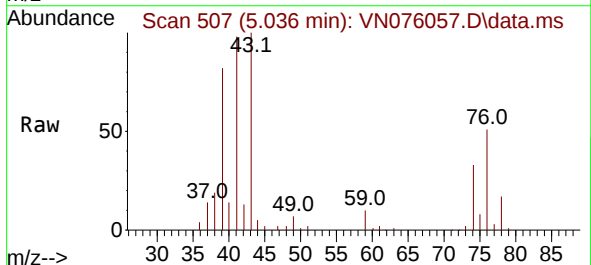
Manual Integrations
APPROVED

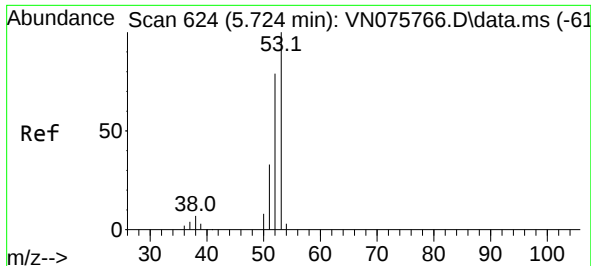
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#14
Allyl chloride
Concen: 50.629 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

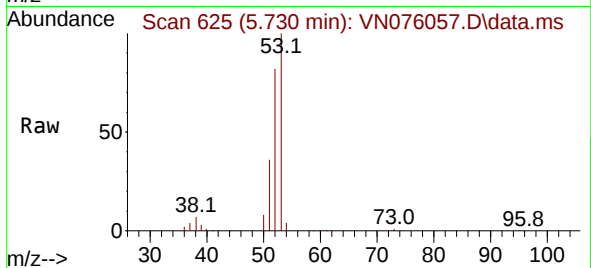
Tgt Ion: 41 Resp: 186026
Ion Ratio Lower Upper
41 100
39 75.4 58.3 87.5
76 47.5 35.8 53.6





#15
Acrylonitrile
Concen: 217.939 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

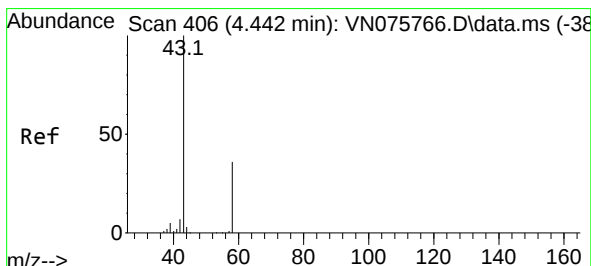
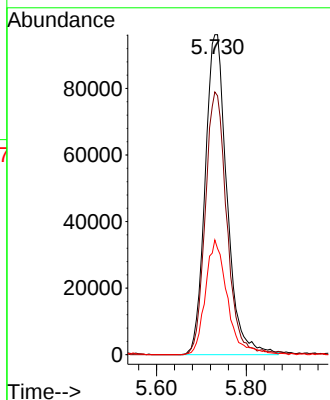
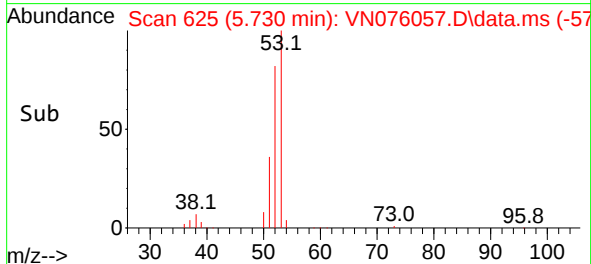
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 324680
Ion Ratio Lower Upper
53 100
52 80.8 65.4 98.0
51 36.1 28.9 43.3

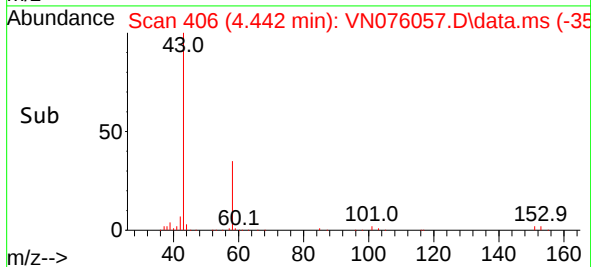
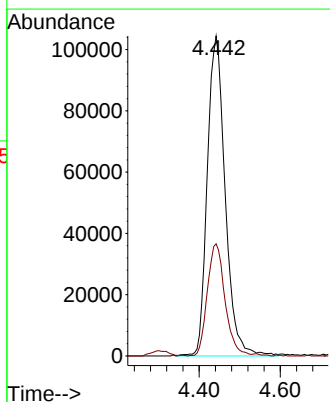
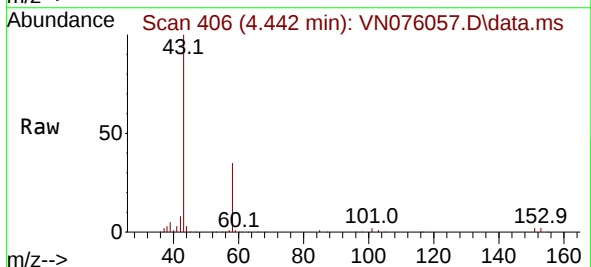
Manual Integrations
APPROVED

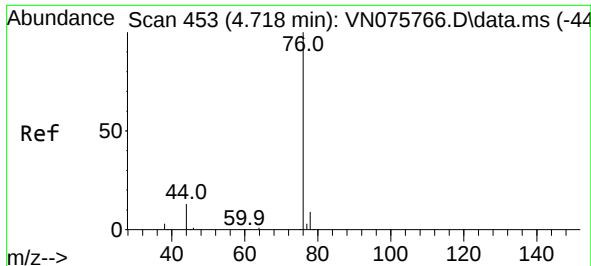
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#16
Acetone
Concen: 239.934 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Tgt Ion: 43 Resp: 319108
Ion Ratio Lower Upper
43 100
58 34.9 28.6 43.0





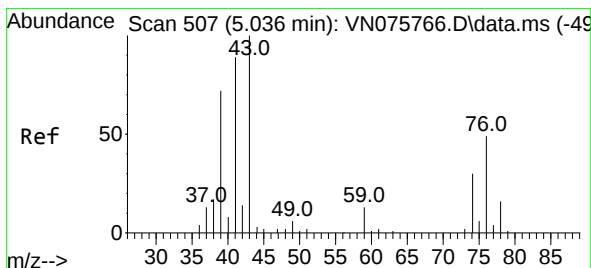
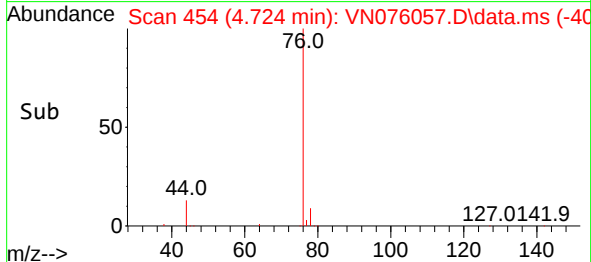
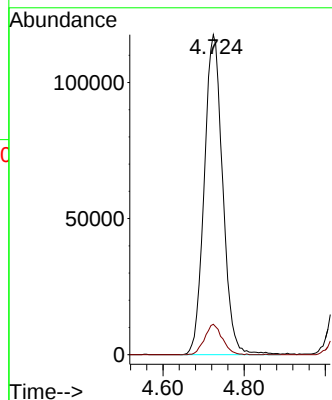
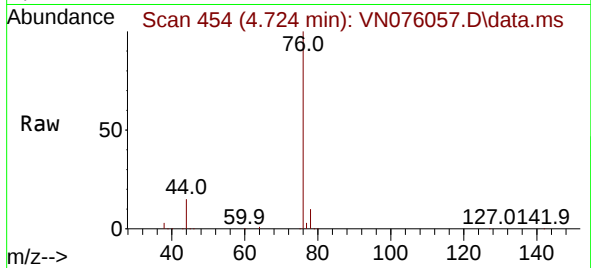
#17
Carbon Disulfide
Concen: 48.673 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 370400
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2

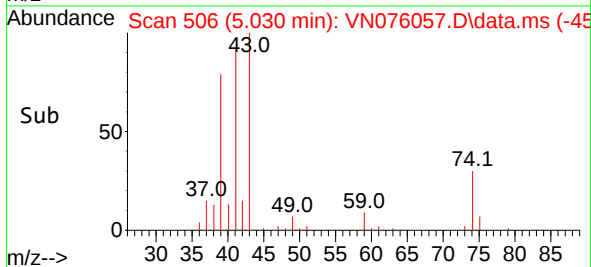
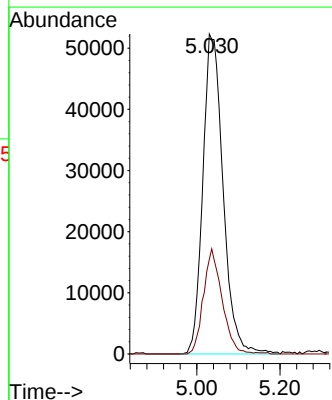
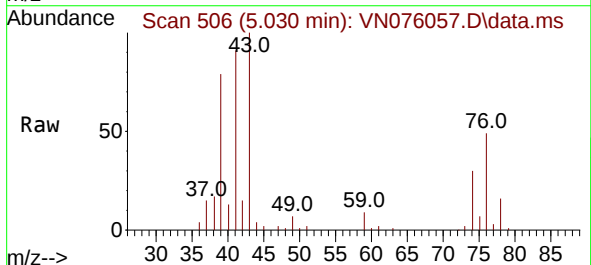
Manual Integrations
APPROVED

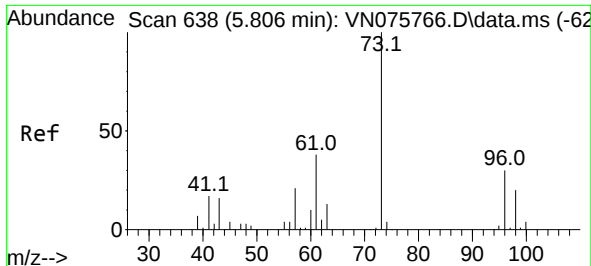
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#18
Methyl Acetate
Concen: 45.071 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

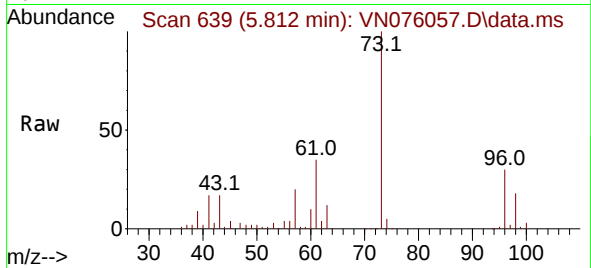
Tgt Ion: 43 Resp: 177187
Ion Ratio Lower Upper
43 100
74 30.1 23.6 35.4





#19
Methyl tert-butyl Ether
Concen: 48.400 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

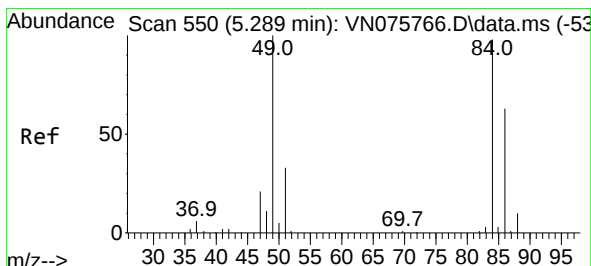
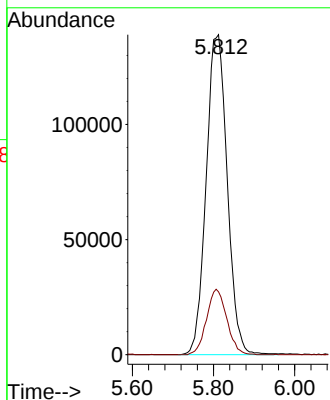
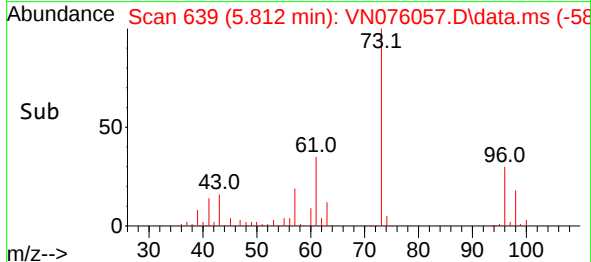
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 500970
Ion Ratio Lower Upper
73 100
57 19.6 17.1 25.7

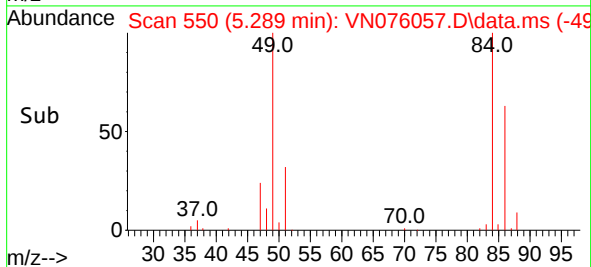
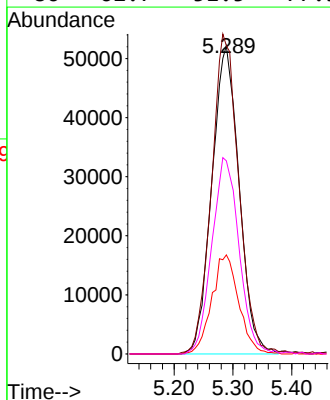
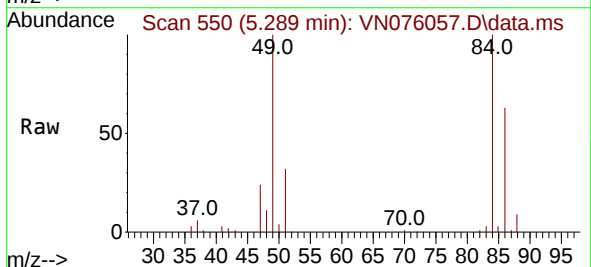
Manual Integrations
APPROVED

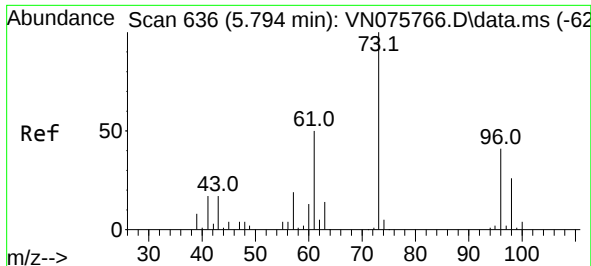
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#20
Methylene Chloride
Concen: 47.159 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

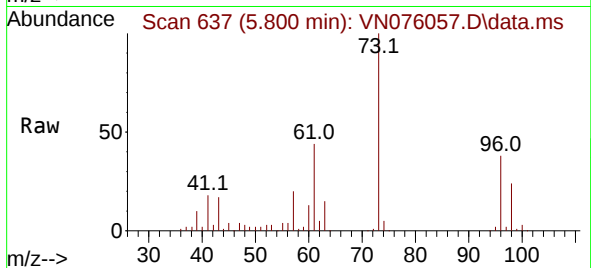
Tgt Ion: 84 Resp: 167913
Ion Ratio Lower Upper
84 100
49 100.0 81.8 122.6
51 32.2 26.7 40.1
86 62.7 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 46.765 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

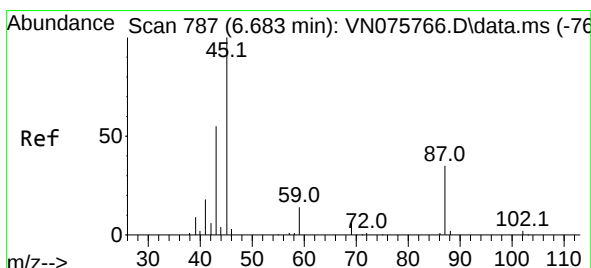
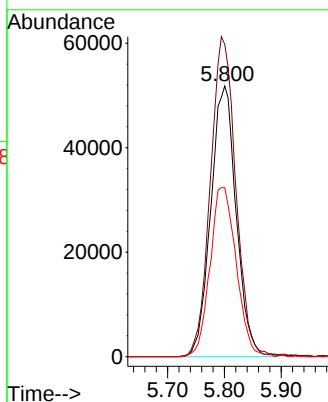
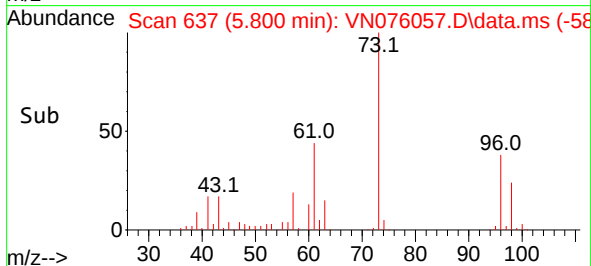
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



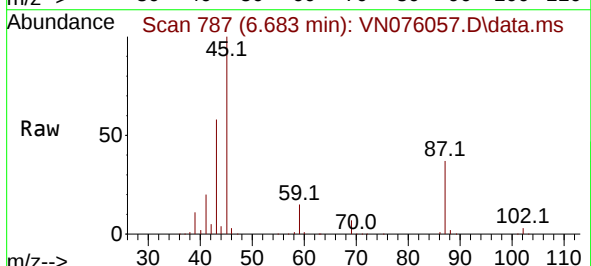
Tgt Ion: 96 Resp: 16097
Ion Ratio Lower Upper
96 100
61 115.4 98.1 147.1
98 62.4 51.4 77.2

Manual Integrations
APPROVED

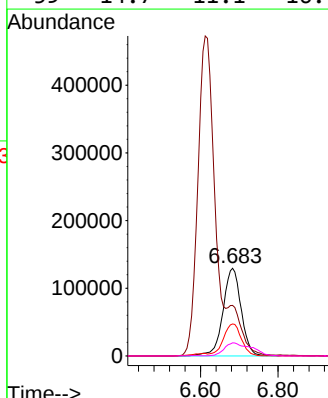
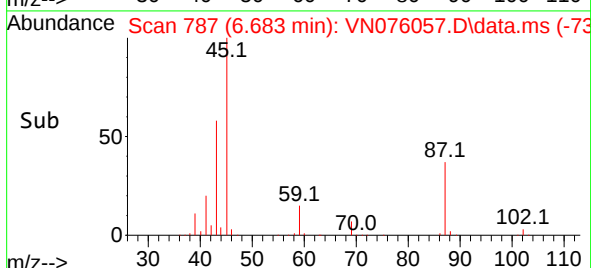
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

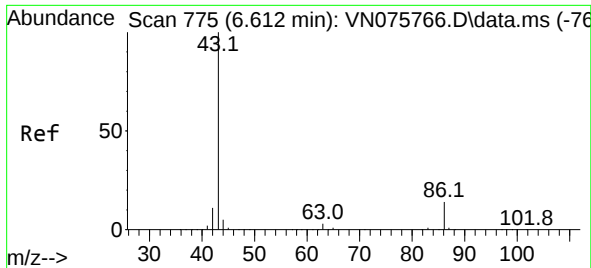


#22
Diisopropyl ether
Concen: 47.193 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29



Tgt Ion: 45 Resp: 421238
Ion Ratio Lower Upper
45 100
43 57.4 44.2 66.4
87 36.5 28.3 42.5
59 14.7 11.1 16.7





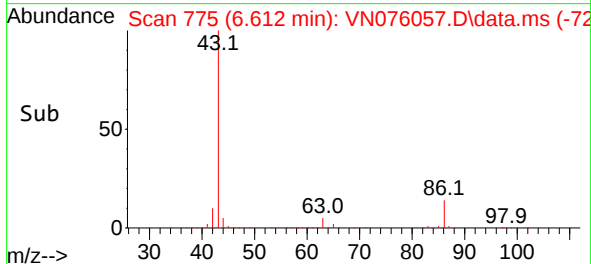
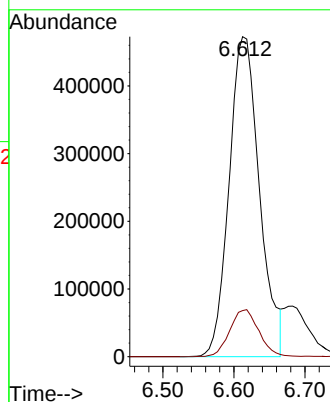
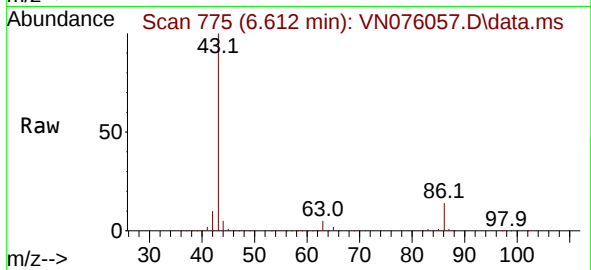
#23
 Vinyl Acetate
 Concen: 234.338 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076057.D
 Acq: 03 Jan 2023 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 140784
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.4 17.2

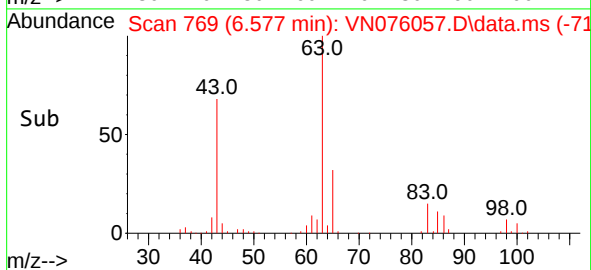
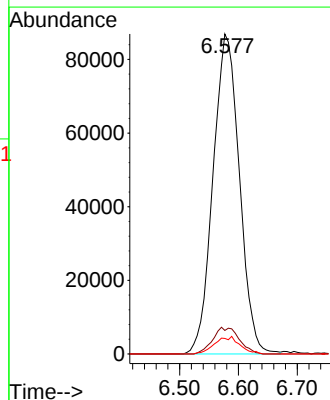
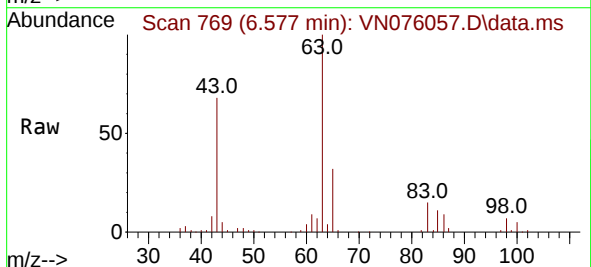
Manual Integrations
 APPROVED

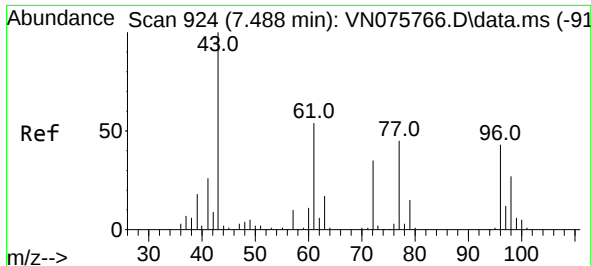
Reviewed By :John Carlone 01/04/2023
 Supervised By :Mahesh Dadoda 01/04/2023



#24
 1,1-Dichloroethane
 Concen: 45.525 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN076057.D
 Acq: 03 Jan 2023 12:29

Tgt Ion: 63 Resp: 271004
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.5
 100 4.8 2.5 7.6





#25

2-Butanone

Concen: 230.313 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 42889

Ion Ratio Lower Upper

43 100

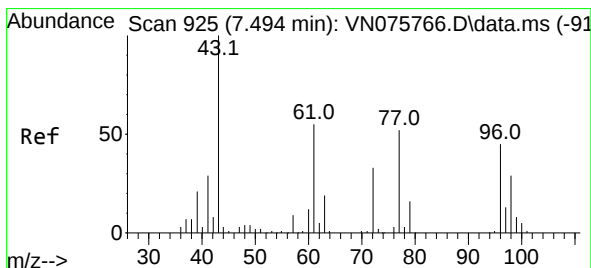
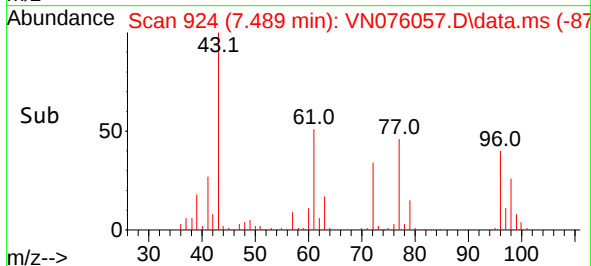
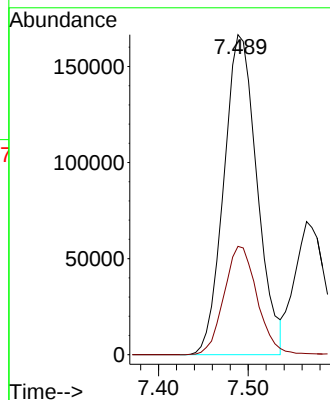
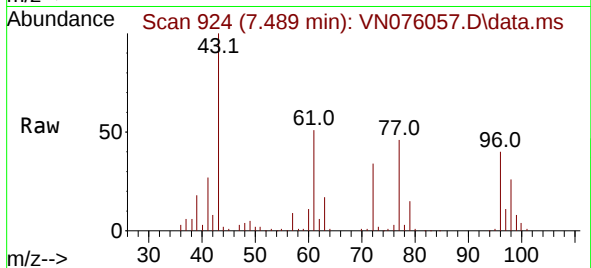
72 33.9 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#26

2,2-Dichloropropane

Concen: 49.639 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN076057.D

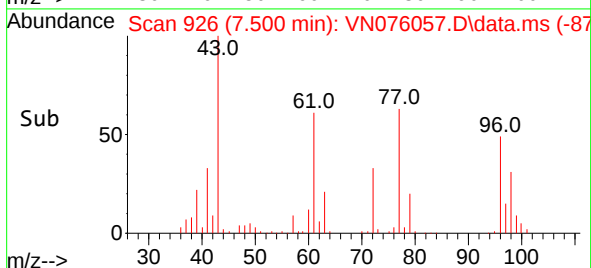
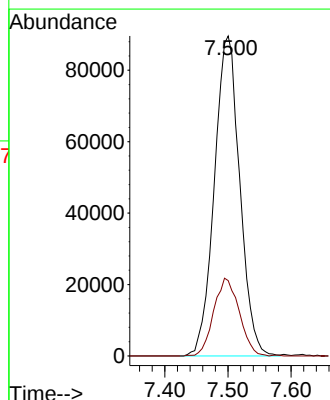
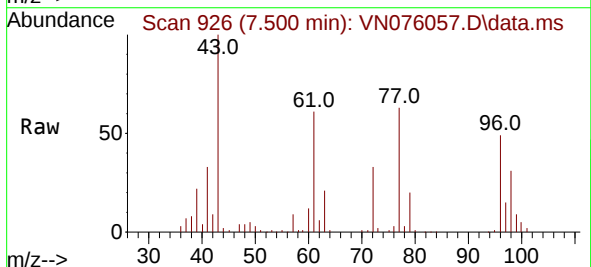
Acq: 03 Jan 2023 12:29

Tgt Ion: 77 Resp: 250237

Ion Ratio Lower Upper

77 100

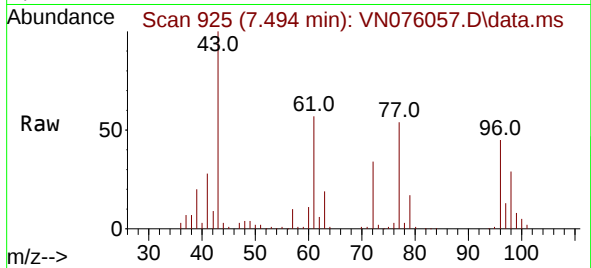
97 24.4 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 46.440 ug/l
 RT: 7.494 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN076057.D
 Acq: 03 Jan 2023 12:29

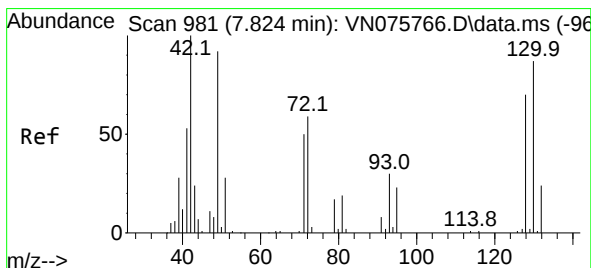
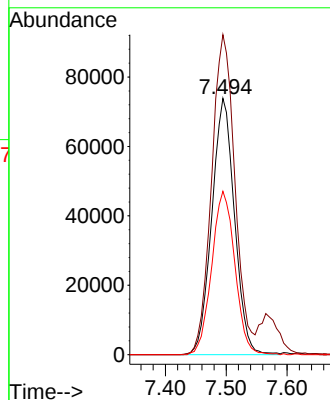
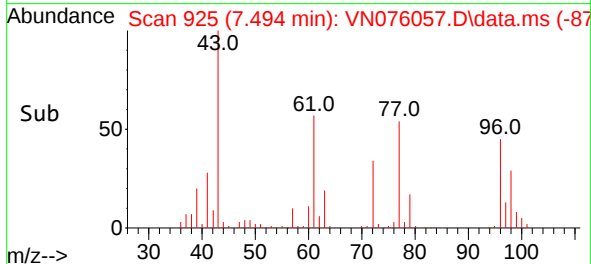
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 191189
 Ion Ratio Lower Upper
 96 100
 61 128.9 0.0 247.8
 98 65.1 0.0 128.4

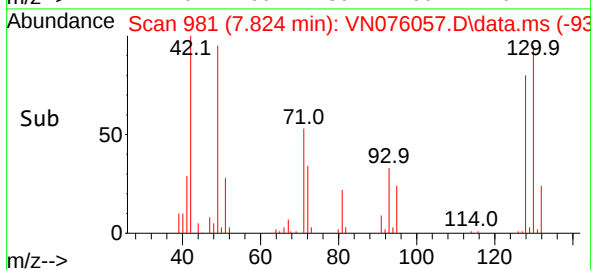
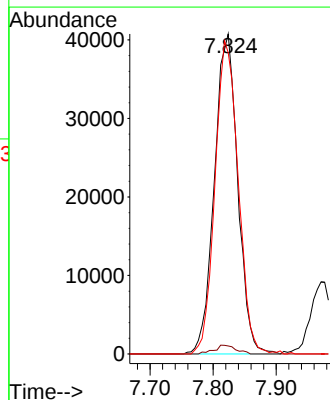
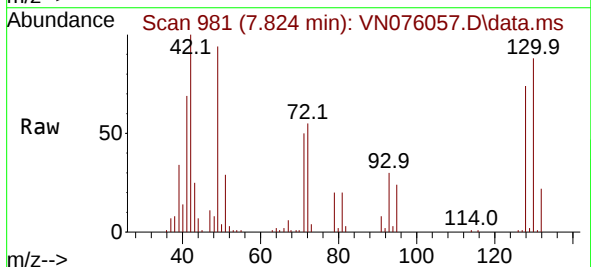
Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/04/2023
 Supervised By :Mahesh Dadoda 01/04/2023



#28
 Bromochloromethane
 Concen: 40.132 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN076057.D
 Acq: 03 Jan 2023 12:29

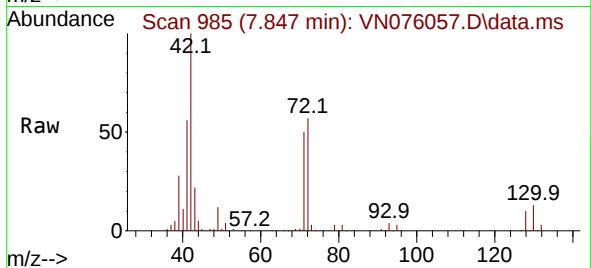
Tgt Ion: 49 Resp: 104709
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.0
 130 97.1 77.0 115.4





#29
Tetrahydrofuran
Concen: 227.650 ug/l
RT: 7.847 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

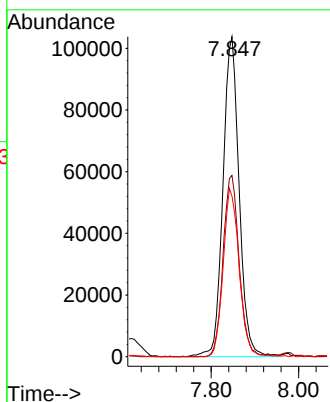
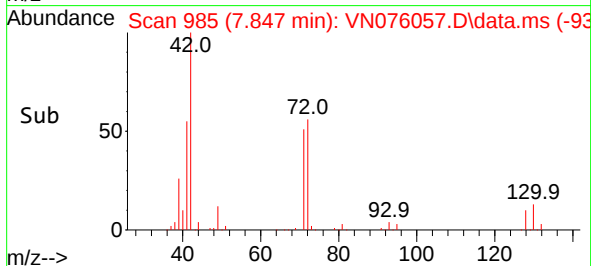
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



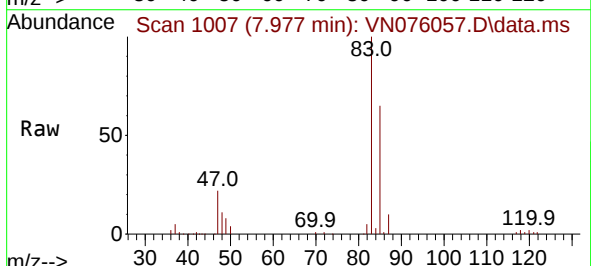
Tgt Ion: 42 Resp: 265669
Ion Ratio Lower Upper
42 100
72 56.4 44.5 66.7
71 51.8 41.0 61.6

Manual Integrations
APPROVED

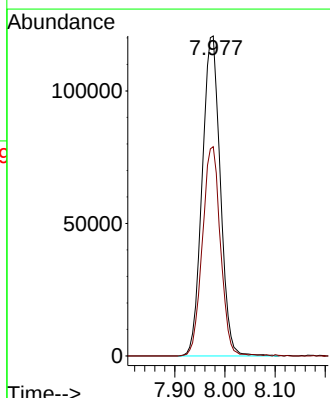
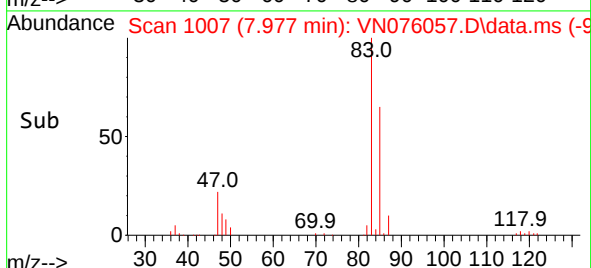
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

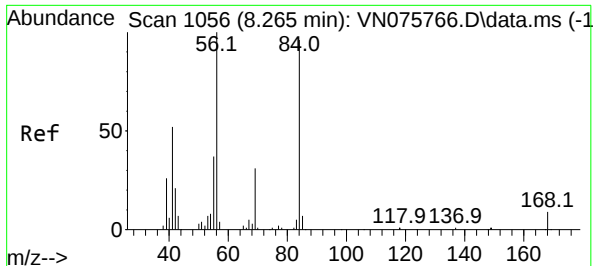


#30
Chloroform
Concen: 45.199 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29



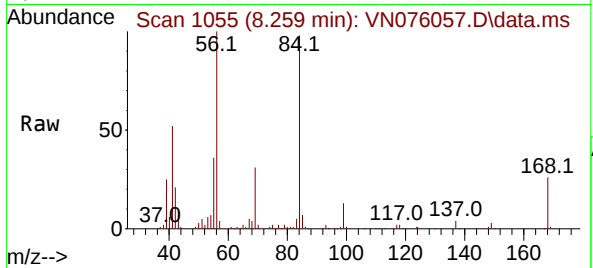
Tgt Ion: 83 Resp: 302935
Ion Ratio Lower Upper
83 100
85 65.4 49.1 73.7





#31
Cyclohexane
Concen: 46.121 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

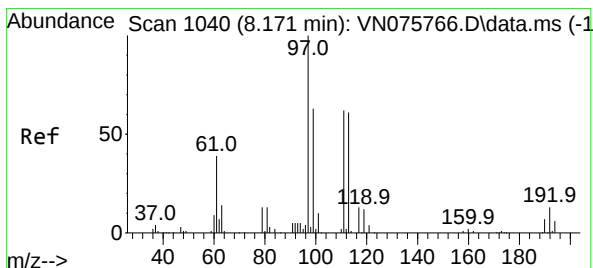
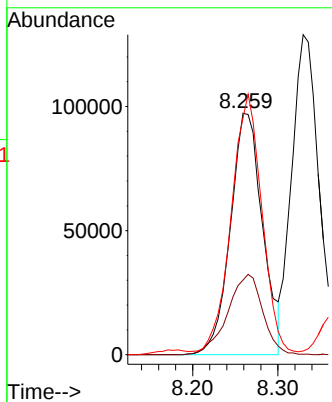
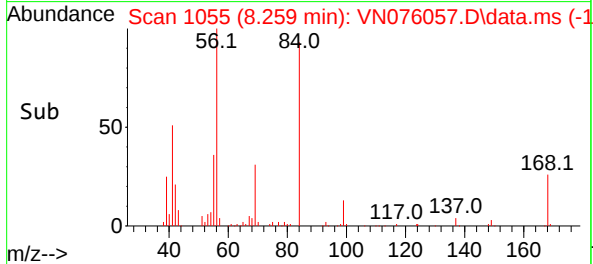
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



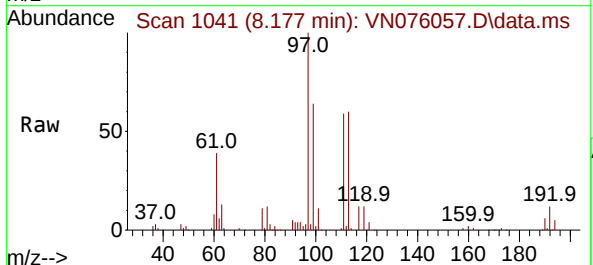
Tgt Ion: 56 Resp: 254844
Ion Ratio Lower Upper
56 100
69 30.9 24.7 37.1
84 96.1 76.5 114.7

Manual Integrations
APPROVED

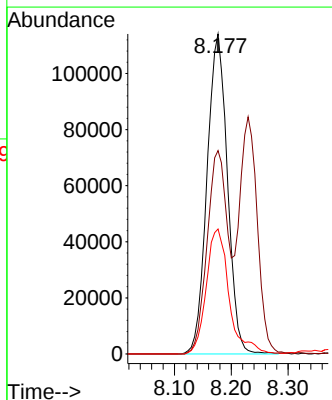
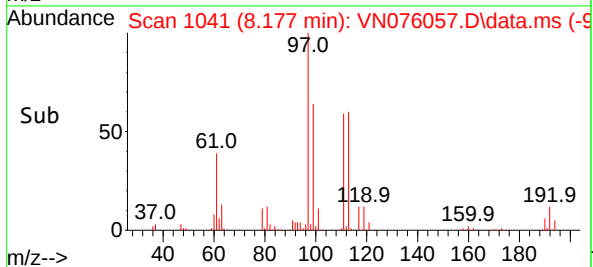
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#32
1,1,1-Trichloroethane
Concen: 47.836 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29



Tgt Ion: 97 Resp: 284243
Ion Ratio Lower Upper
97 100
99 63.0 50.2 75.2
61 43.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 44.796 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 172829

Ion Ratio Lower Upper

65 100

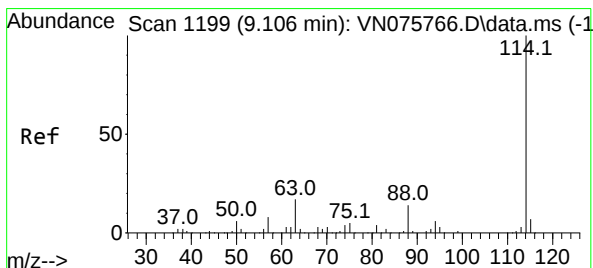
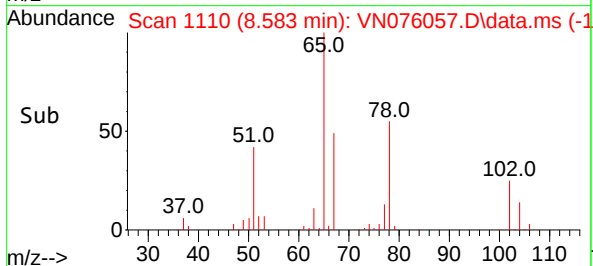
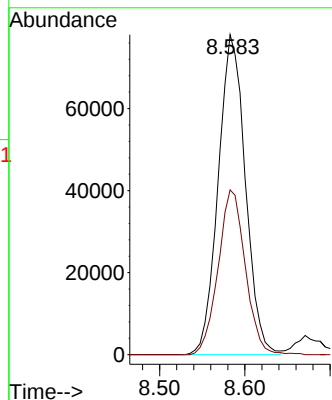
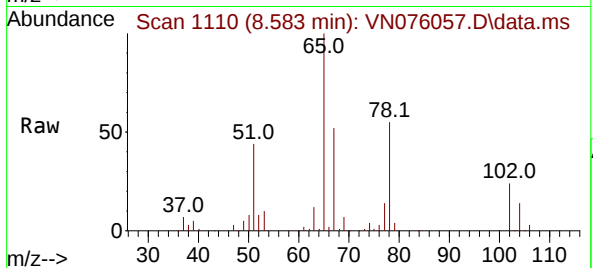
67 51.6 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

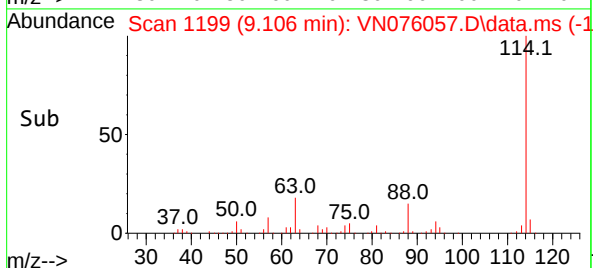
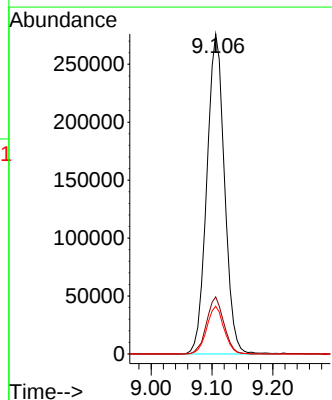
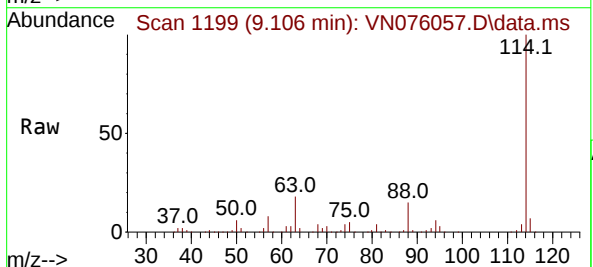
Tgt Ion:114 Resp: 556977

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.426 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 16358

Ion Ratio Lower Upper

113 100

111 101.3 83.4 125.2

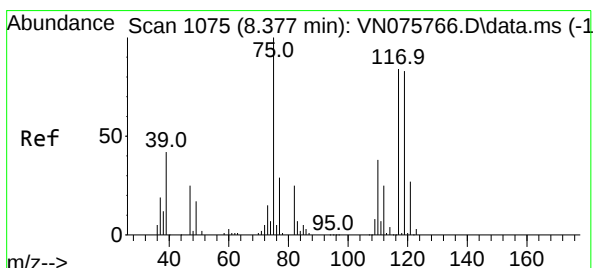
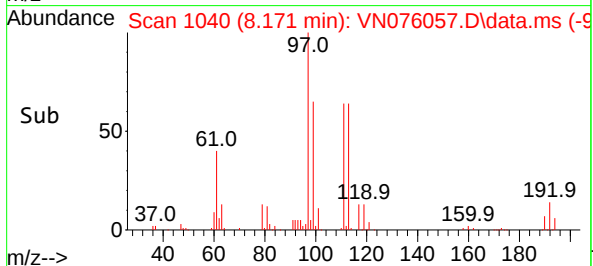
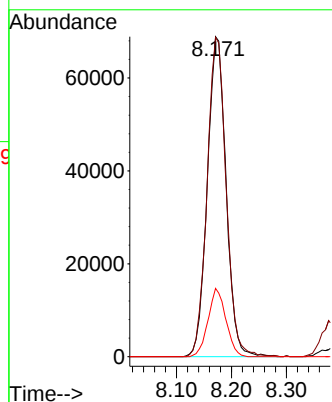
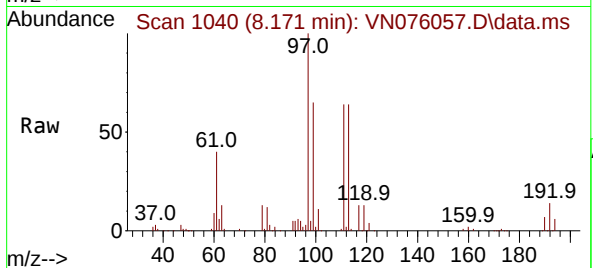
192 20.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#36

1,1-Dichloropropene

Concen: 49.542 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

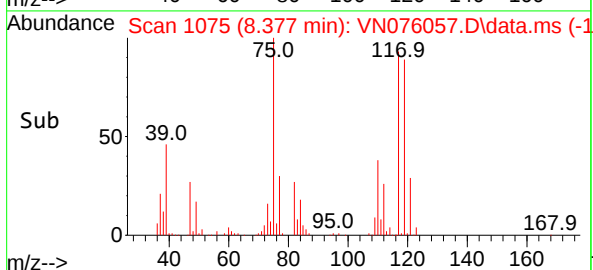
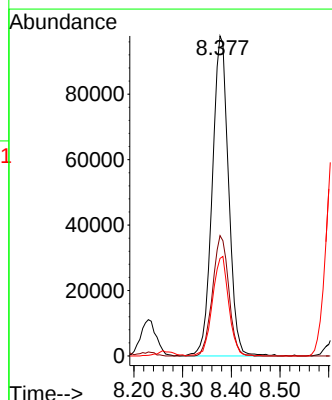
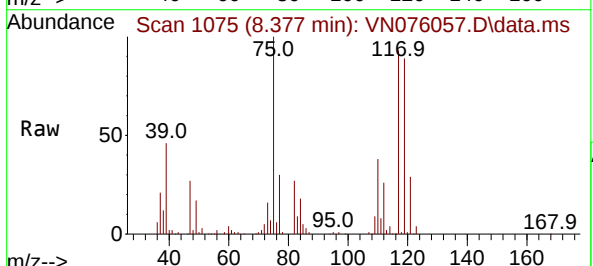
Tgt Ion: 75 Resp: 227002

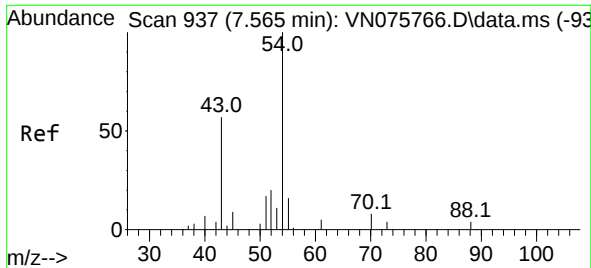
Ion Ratio Lower Upper

75 100

110 37.5 18.8 56.4

77 31.1 24.1 36.1





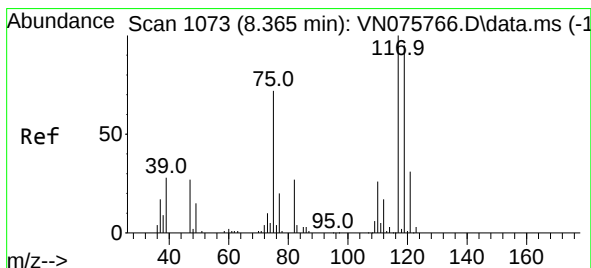
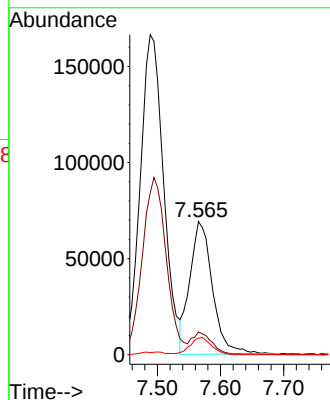
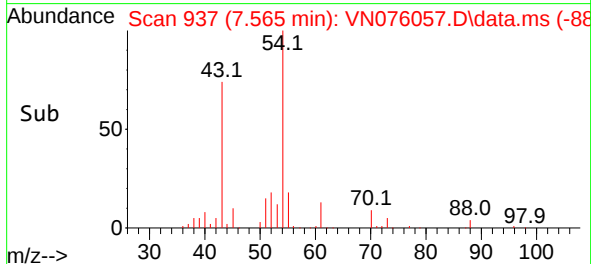
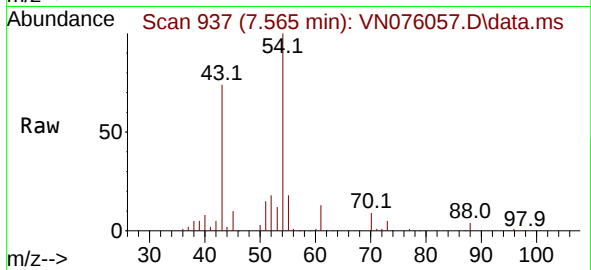
#37
Ethyl Acetate
Concen: 46.842 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 17240
Ion Ratio Lower Upper
43 100
61 15.4 13.0 19.4
70 12.1 9.4 14.0

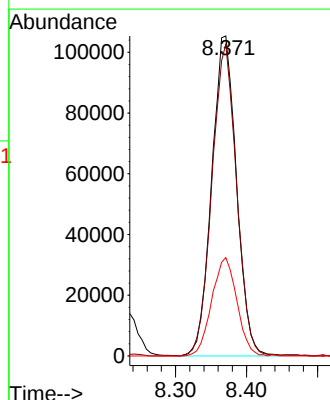
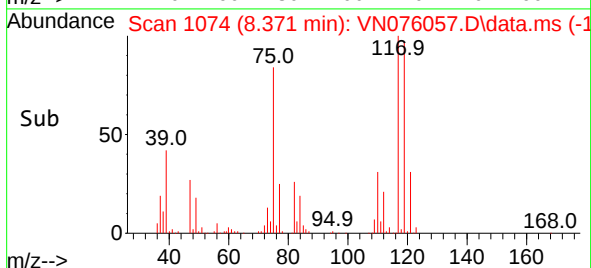
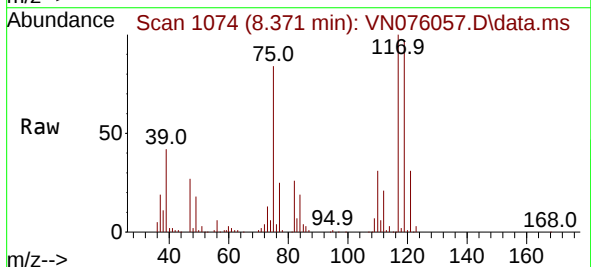
Manual Integrations
APPROVED

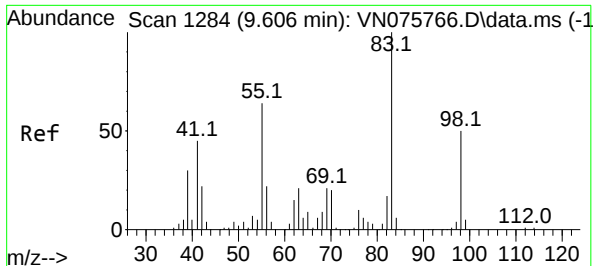
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#38
Carbon Tetrachloride
Concen: 49.730 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Tgt Ion:117 Resp: 255033
Ion Ratio Lower Upper
117 100
119 97.4 76.1 114.1
121 30.7 24.5 36.7





#39

Methylcyclohexane

Concen: 52.959 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 29275

Ion Ratio Lower Upper

83 100

55 63.2 51.4 77.0

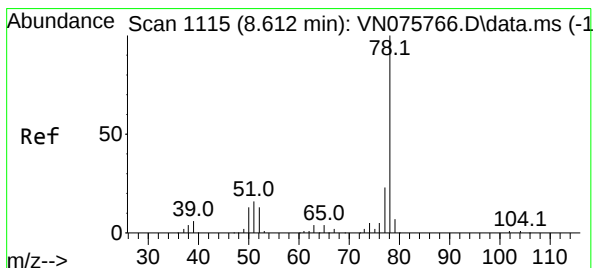
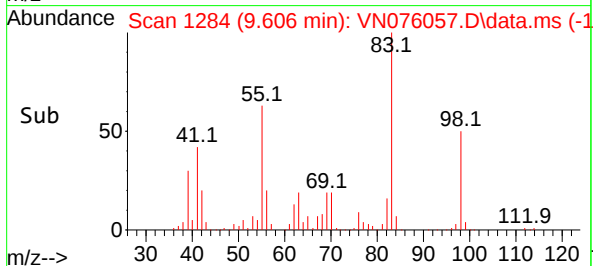
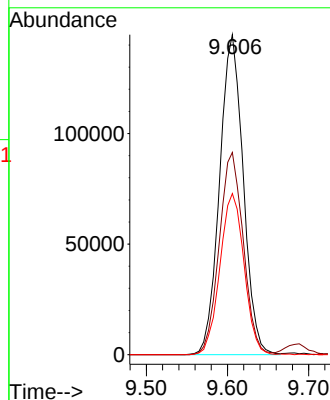
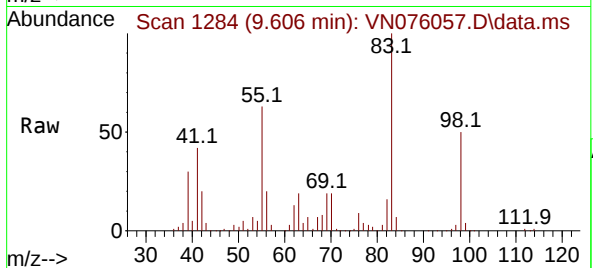
98 50.4 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#40

Benzene

Concen: 47.837 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076057.D

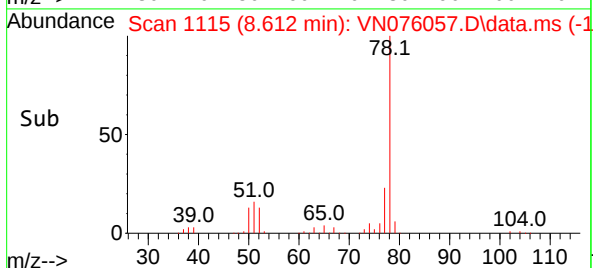
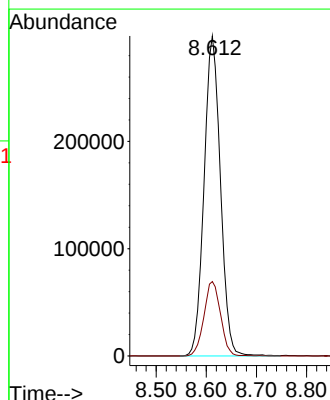
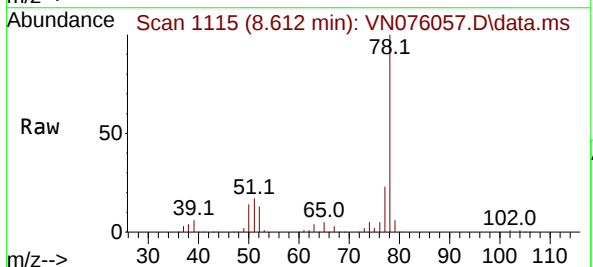
Acq: 03 Jan 2023 12:29

Tgt Ion: 78 Resp: 676276

Ion Ratio Lower Upper

78 100

77 23.2 18.5 27.7





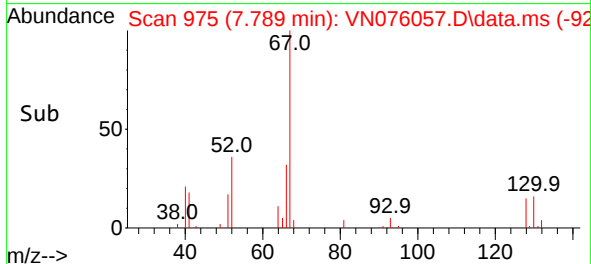
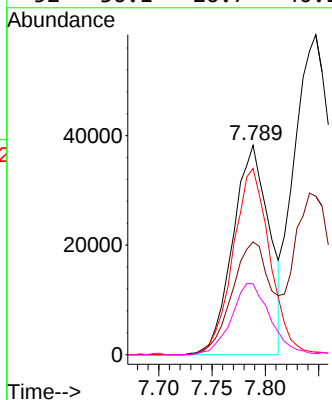
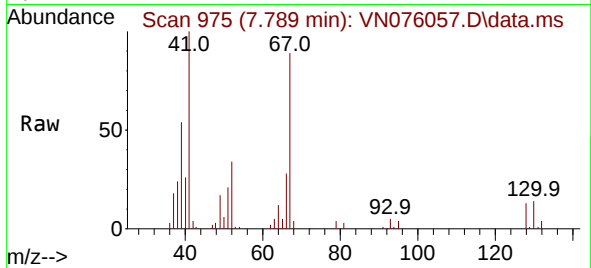
#41
Methacrylonitrile
Concen: 47.463 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 90800
Ion Ratio Lower Upper
41 100
39 57.0 43.1 64.7
67 90.6 70.7 106.1
52 36.1 26.7 40.1

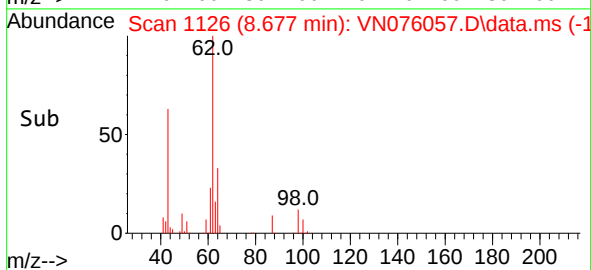
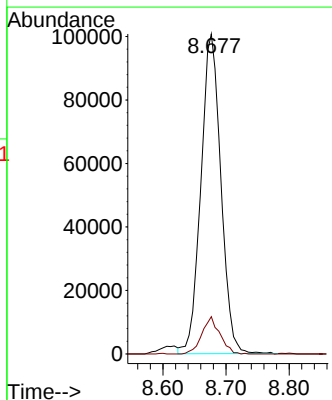
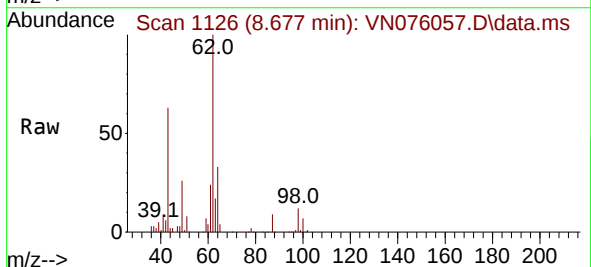
Manual Integrations
APPROVED

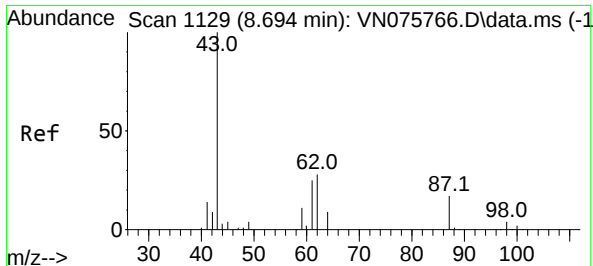
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#42
1,2-Dichloroethane
Concen: 47.093 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Tgt Ion: 62 Resp: 221334
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.8





#43

Isopropyl Acetate

Concen: 48.385 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 293758

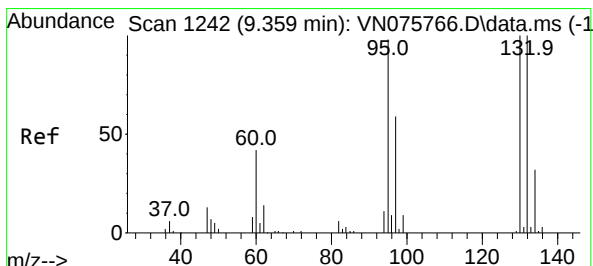
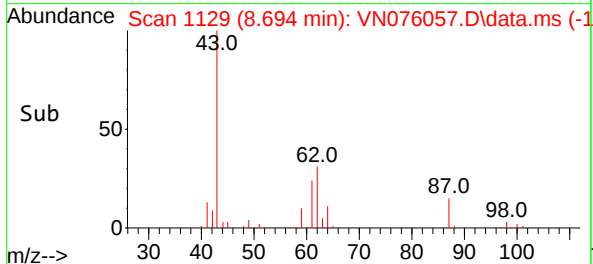
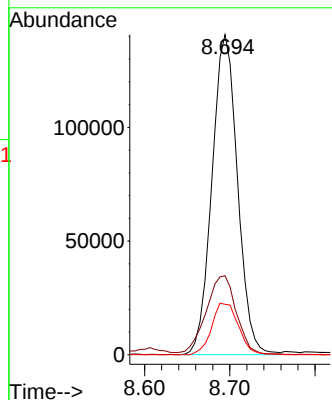
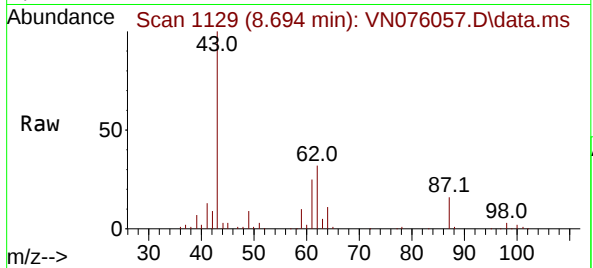
Ion	Ratio	Lower	Upper
43	100		
61	29.5	24.2	36.4
87	16.8	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#44

Trichloroethene

Concen: 47.404 ug/l

RT: 9.359 min Scan# 1242

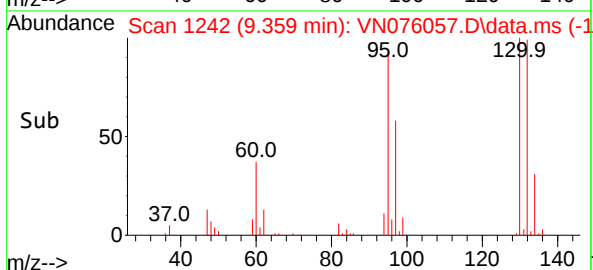
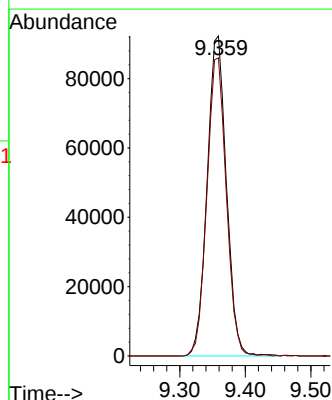
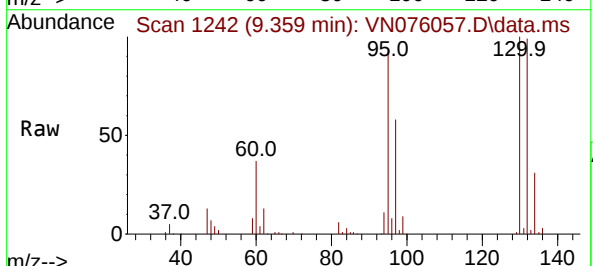
Delta R.T. 0.000 min

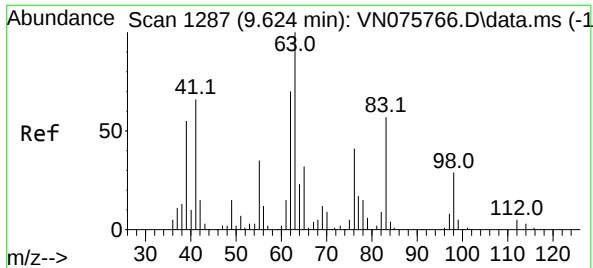
Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

Tgt Ion:130 Resp: 188796

Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	195.4





#45

1,2-Dichloropropane

Concen: 47.174 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 162289

Ion Ratio Lower Upper

63 100

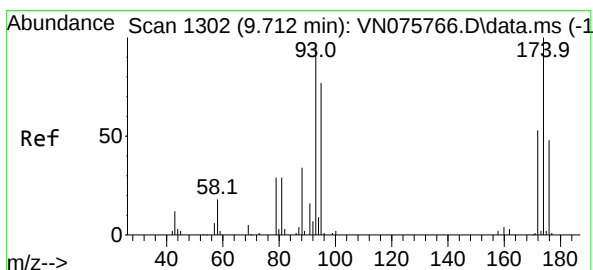
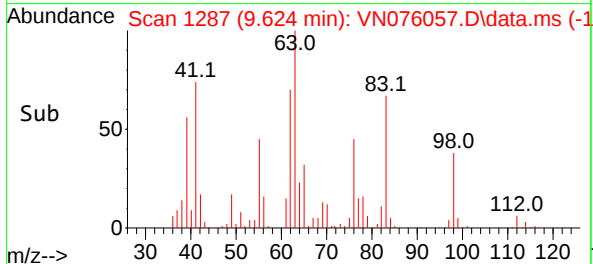
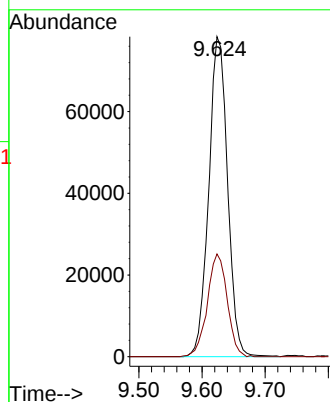
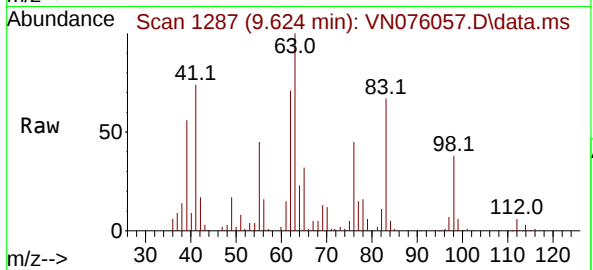
65 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#46

Dibromomethane

Concen: 46.966 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

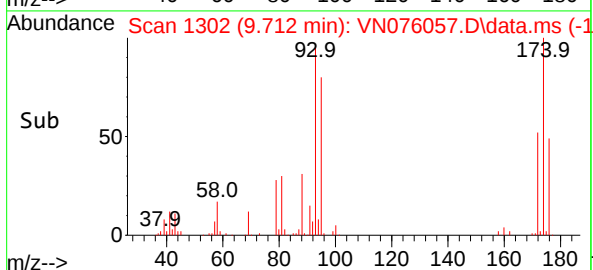
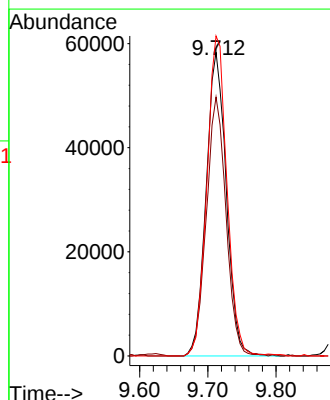
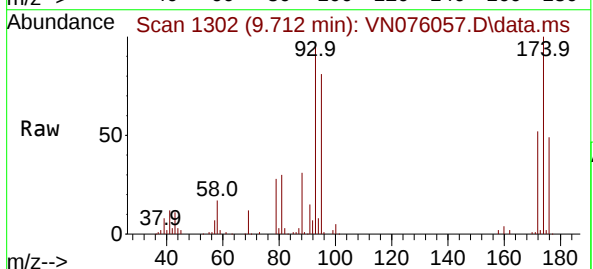
Tgt Ion: 93 Resp: 119838

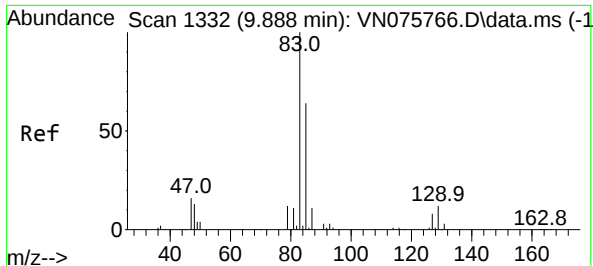
Ion Ratio Lower Upper

93 100

95 83.5 65.2 97.8

174 105.1 82.4 123.6





#47

Bromodichloromethane

Concen: 48.394 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 24215

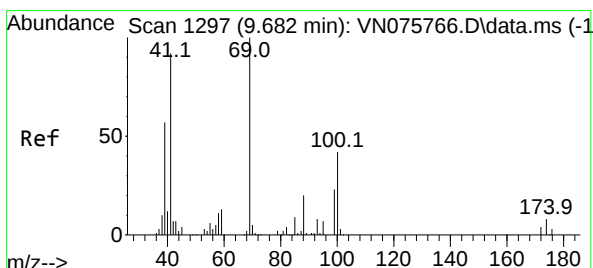
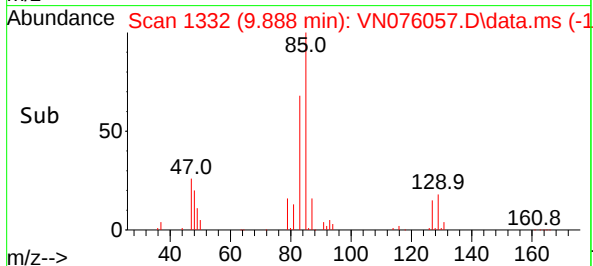
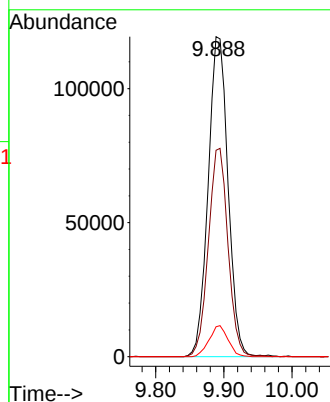
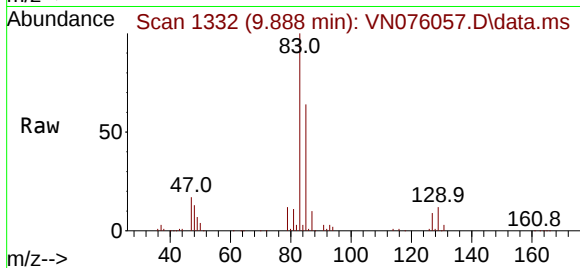
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.5	77.3
127	9.4	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#48

Methyl methacrylate

Concen: 50.705 ug/l

RT: 9.682 min Scan# 1297

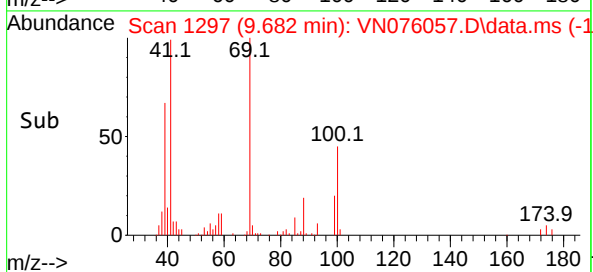
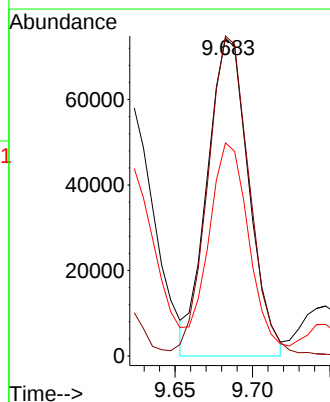
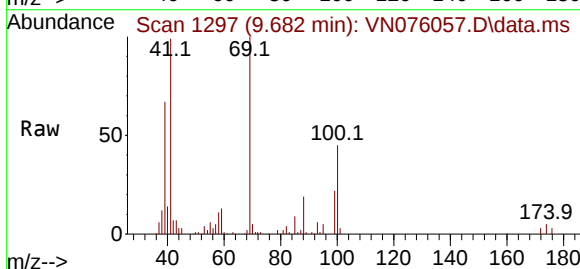
Delta R.T. 0.000 min

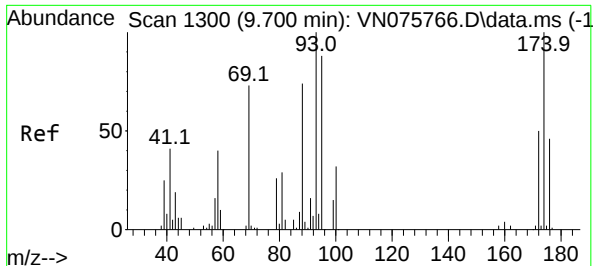
Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

Tgt Ion: 41 Resp: 138650

Ion	Ratio	Lower	Upper
41	100		
69	101.4	81.9	122.9
39	66.7	51.6	77.4





#49

1,4-Dioxane

Concen: 950.757 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 63914

Ion Ratio Lower Upper

88 100

43 20.2 17.1 25.7

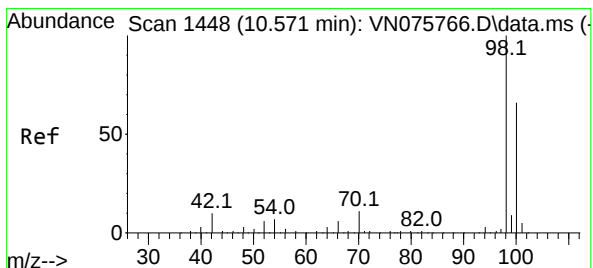
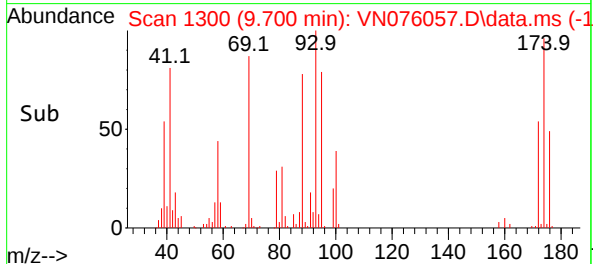
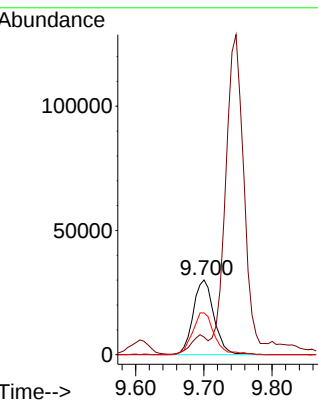
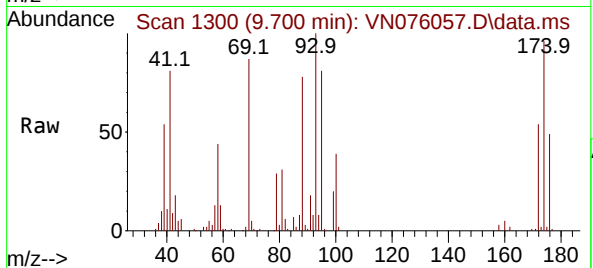
58 58.8 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#50

Toluene-d8

Concen: 46.296 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076057.D

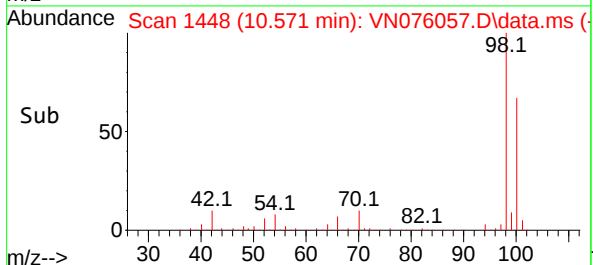
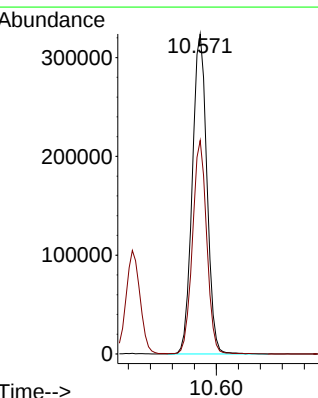
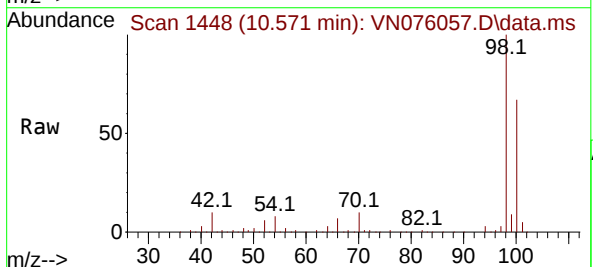
Acq: 03 Jan 2023 12:29

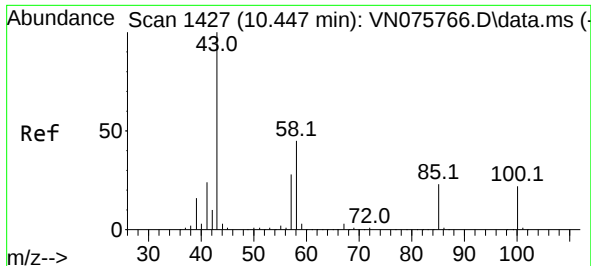
Tgt Ion: 98 Resp: 597061

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1





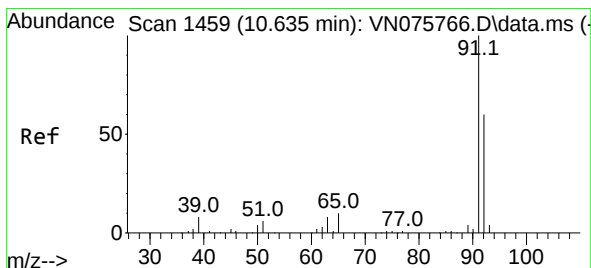
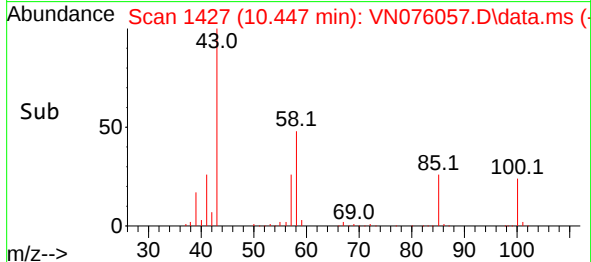
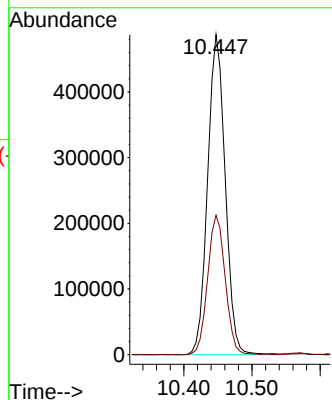
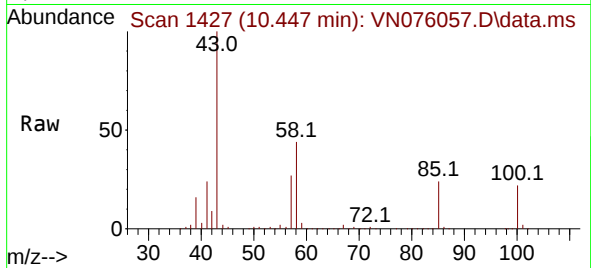
#51
4-Methyl-2-Pentanone
Concen: 238.211 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 87462
Ion Ratio Lower Upper
43 100
58 43.6 35.5 53.3

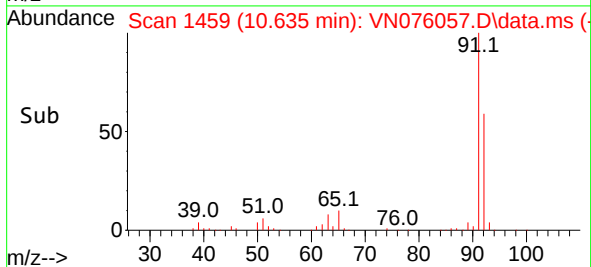
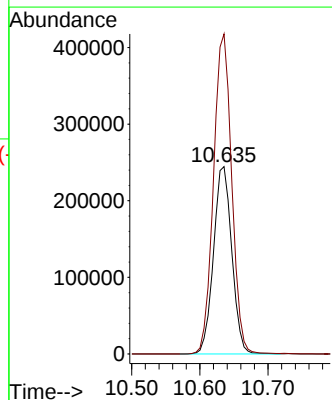
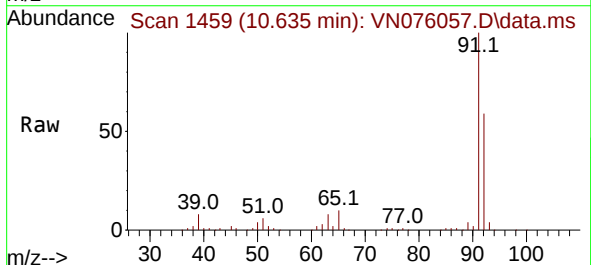
Manual Integrations
APPROVED

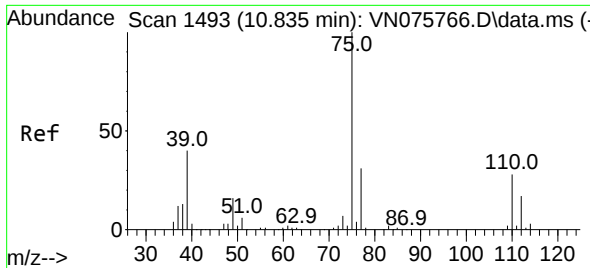
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#52
Toluene
Concen: 49.616 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Tgt Ion: 92 Resp: 456824
Ion Ratio Lower Upper
92 100
91 170.3 137.3 205.9





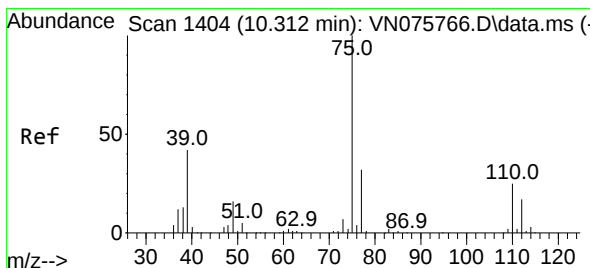
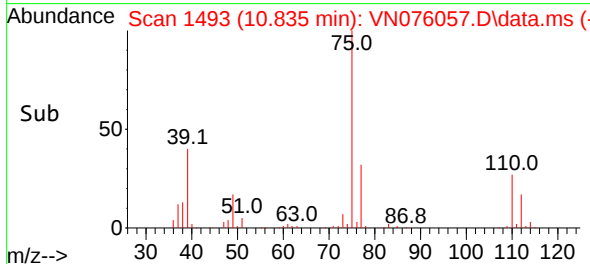
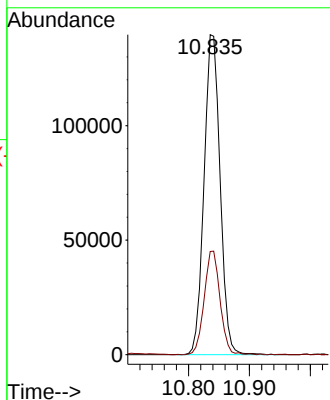
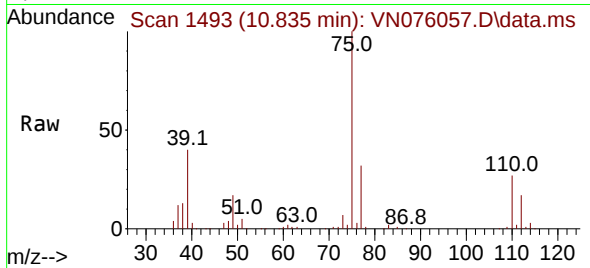
#53
t-1,3-Dichloropropene
Concen: 52.301 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 256178
Ion Ratio Lower Upper
75 100
77 32.1 24.9 37.3

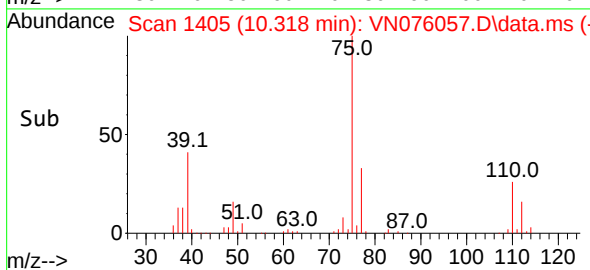
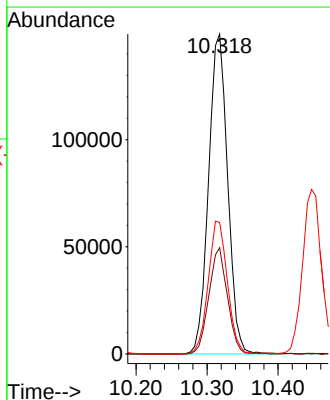
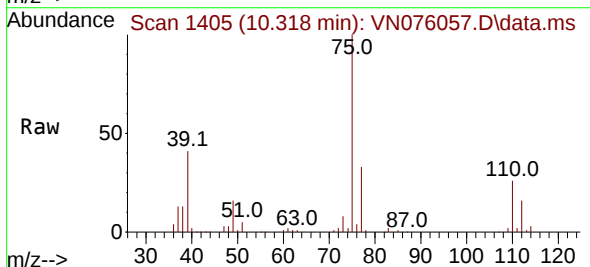
Manual Integrations
APPROVED

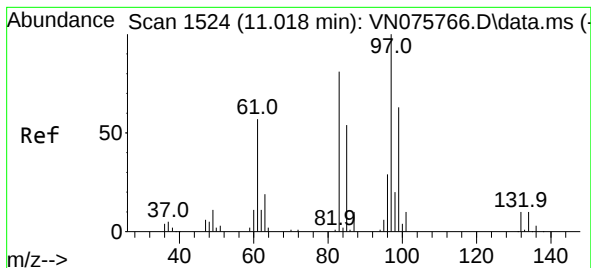
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#54
cis-1,3-Dichloropropene
Concen: 51.726 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

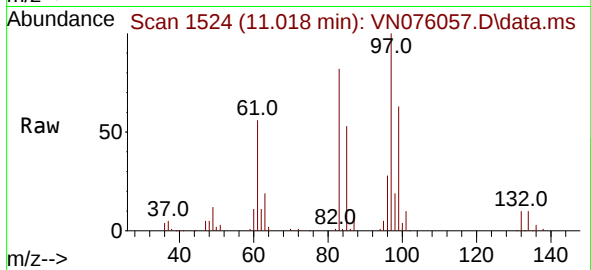
Tgt Ion: 75 Resp: 278178
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.8
39 41.1 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 47.569 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

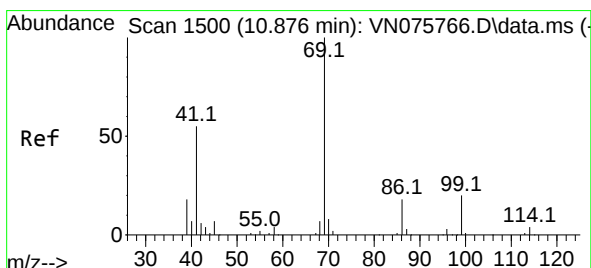
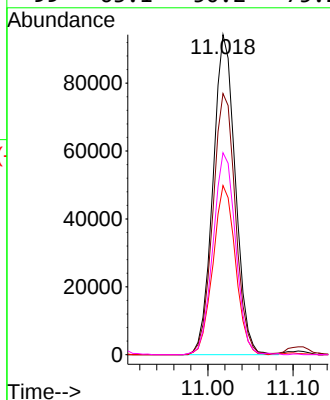
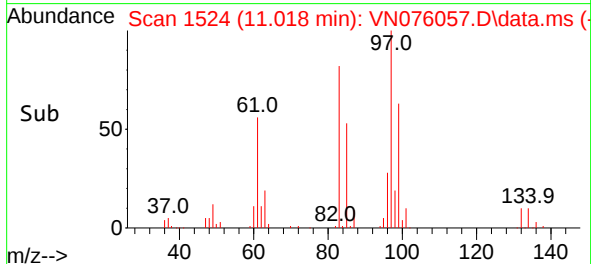
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



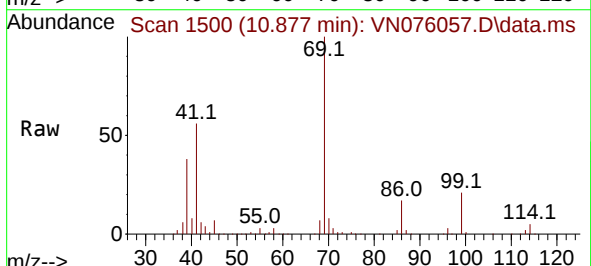
Tgt Ion:	97	Resp:	17190
Ion Ratio	100	Lower	Upper
97	100		
83	81.6	65.0	97.4
85	52.9	43.0	64.6
99	63.1	50.2	75.2

Manual Integrations
APPROVED

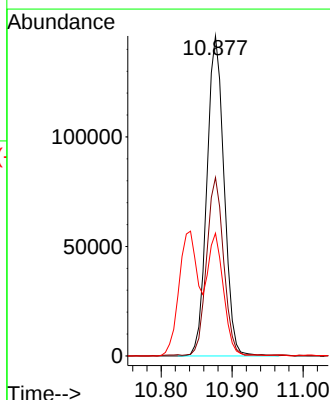
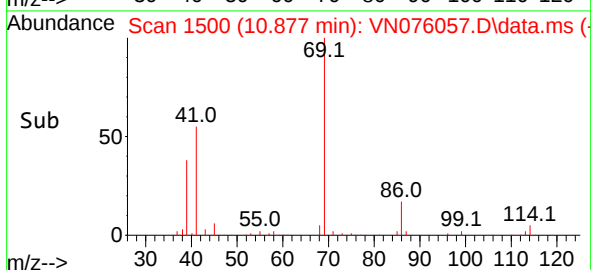
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

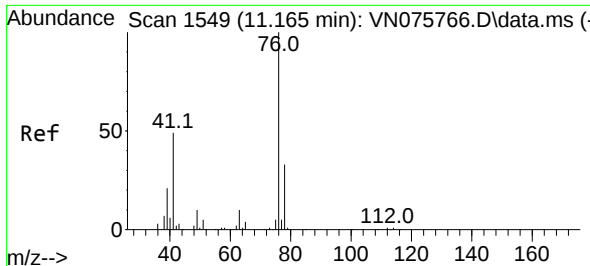


#56
Ethyl methacrylate
Concen: 51.113 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29



Tgt Ion:	69	Resp:	245350
Ion Ratio	100	Lower	Upper
69	100		
41	54.9	44.2	66.4
39	34.4	26.4	39.6





#57

1,3-Dichloropropane

Concen: 47.581 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 282054

Ion Ratio Lower Upper

76 100

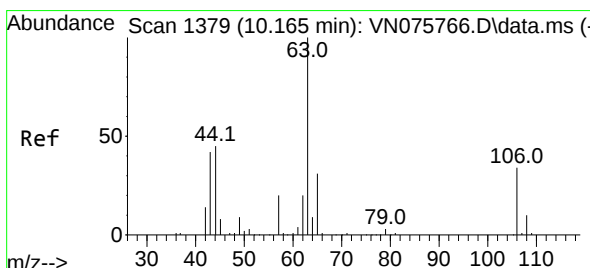
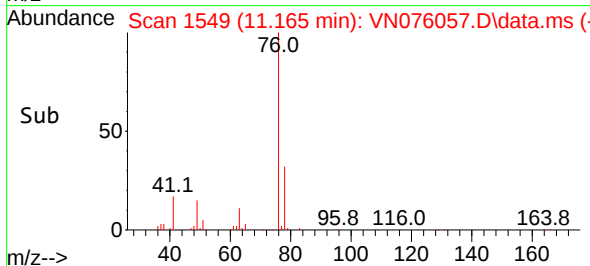
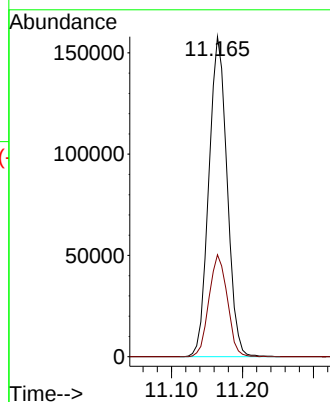
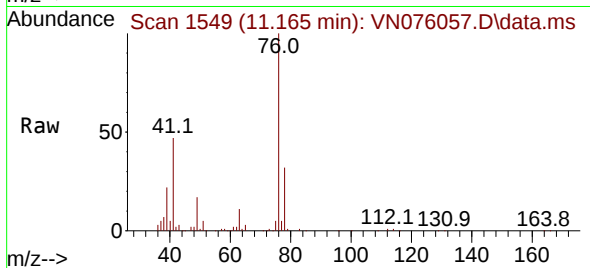
78 32.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#58

2-Chloroethyl Vinyl ether

Concen: 248.644 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN076057.D

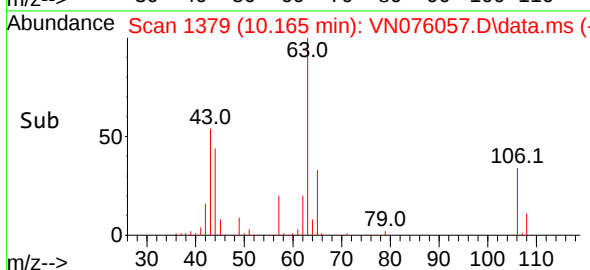
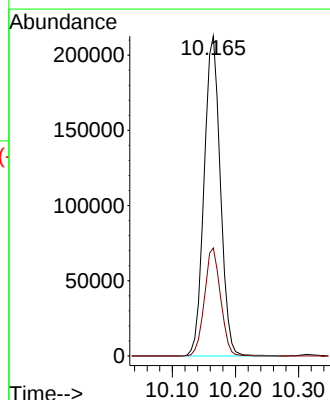
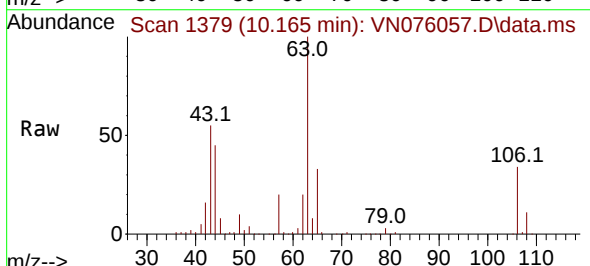
Acq: 03 Jan 2023 12:29

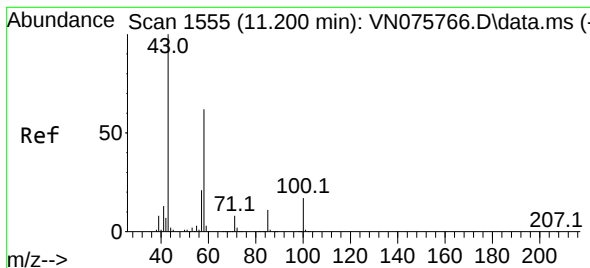
Tgt Ion: 63 Resp: 379999

Ion Ratio Lower Upper

63 100

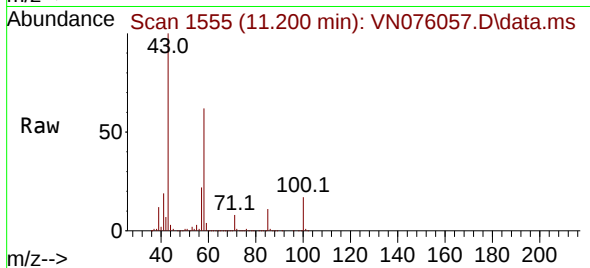
106 33.4 26.4 39.6





#59
2-Hexanone
Concen: 245.046 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

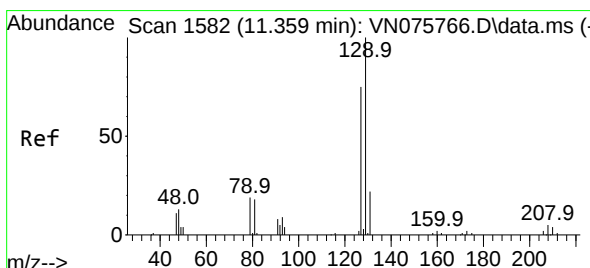
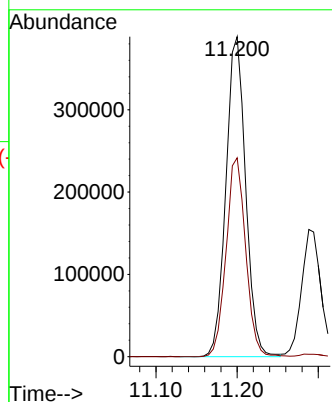
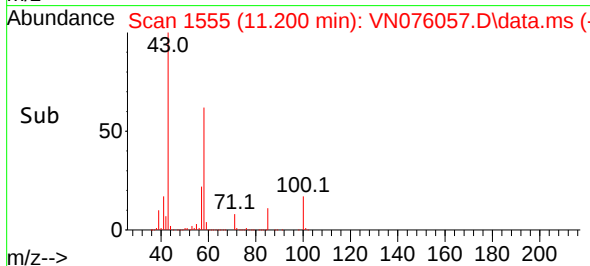
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 65613
Ion Ratio Lower Upper
43 100
58 61.7 30.6 92.0

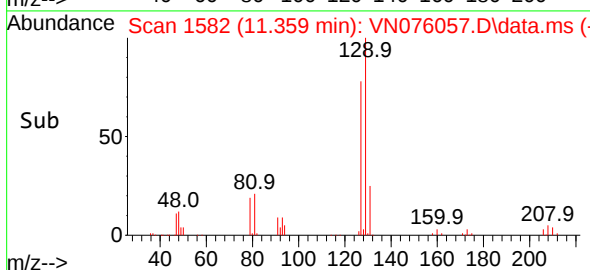
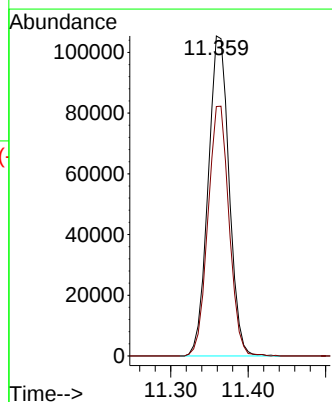
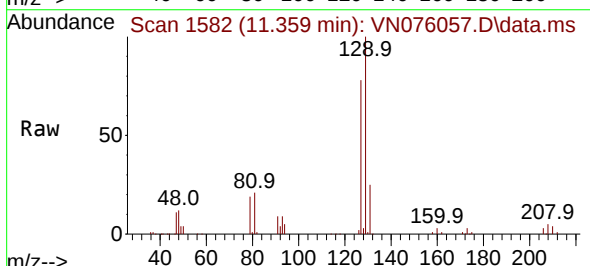
Manual Integrations
APPROVED

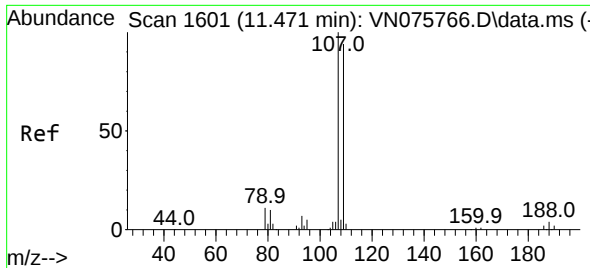
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#60
Dibromochloromethane
Concen: 49.145 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

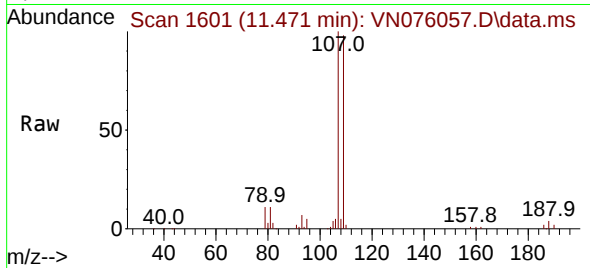
Tgt Ion:129 Resp: 197513
Ion Ratio Lower Upper
129 100
127 78.6 38.3 114.9





#61
1,2-Dibromoethane
Concen: 49.283 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

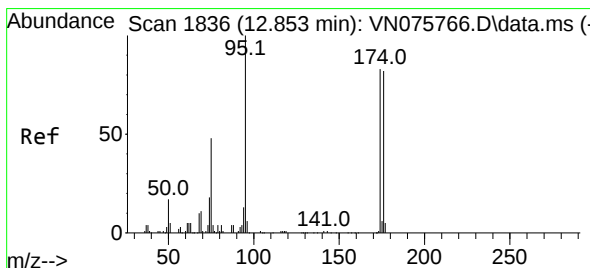
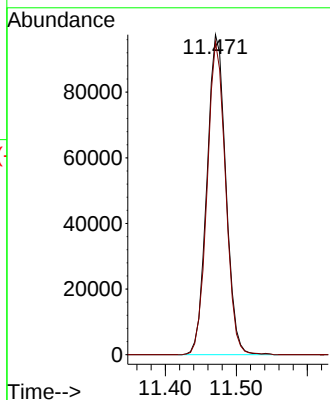
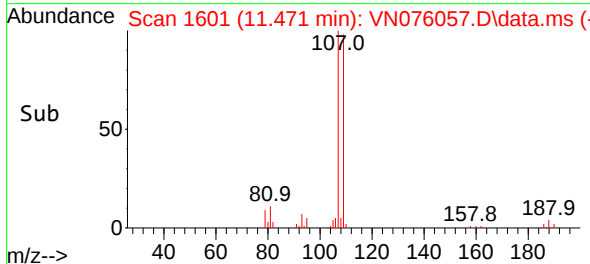
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



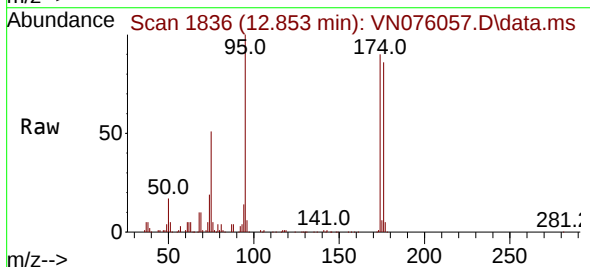
Tgt Ion:107 Resp: 18023
Ion Ratio Lower Upper
107 100
109 95.2 74.8 112.2

Manual Integrations
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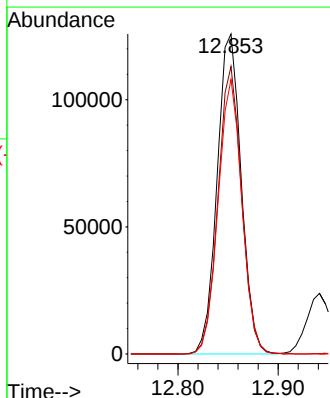
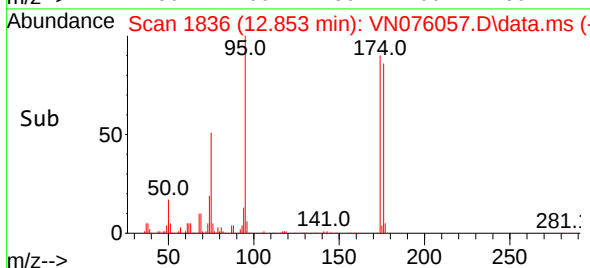
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

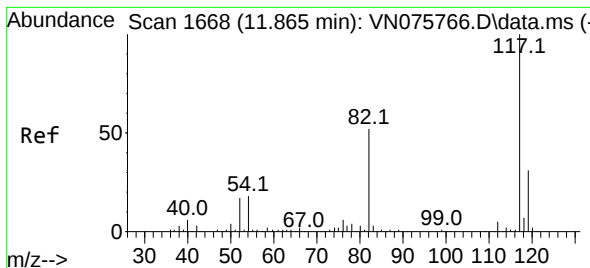


#62
4-Bromofluorobenzene
Concen: 49.155 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29



Tgt Ion: 95 Resp: 209965
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 84.3 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1668

Delta R.T. 0.006 min

Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 509328

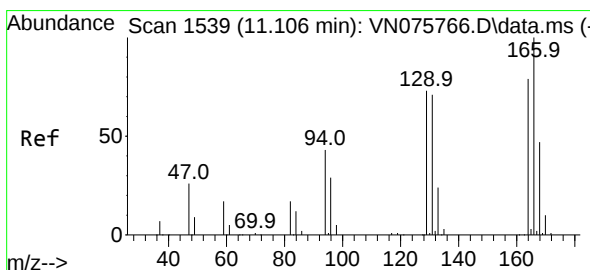
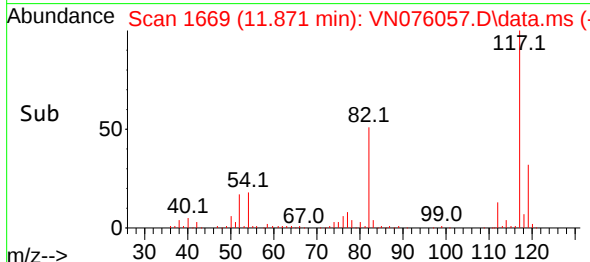
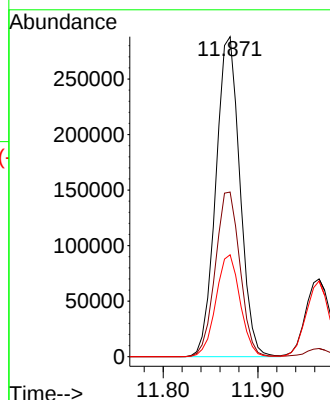
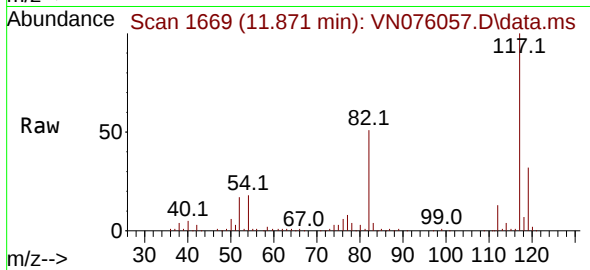
Ion	Ratio	Lower	Upper
117	100		
82	51.4	41.3	61.9
119	31.8	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#64

Tetrachloroethene

Concen: 50.261 ug/l

RT: 11.106 min Scan# 1539

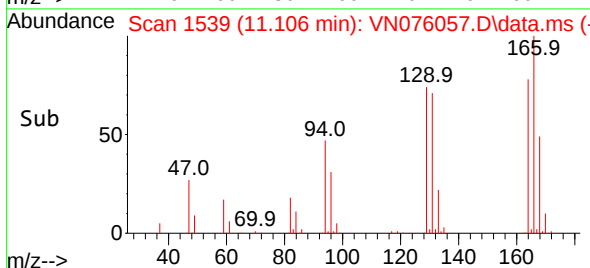
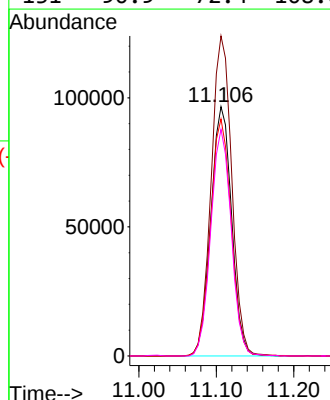
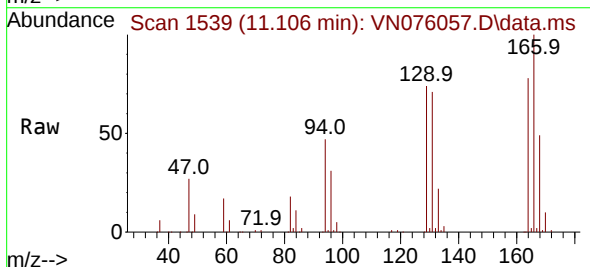
Delta R.T. 0.000 min

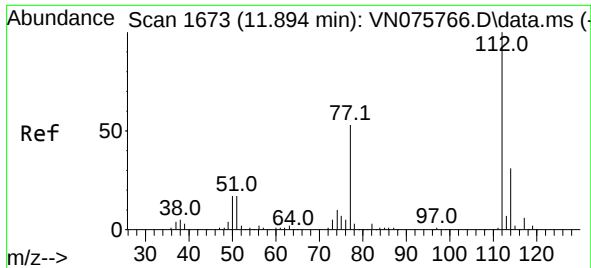
Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

Tgt Ion:164 Resp: 180136

Ion	Ratio	Lower	Upper
164	100		
166	128.4	101.9	152.9
129	95.1	74.2	111.2
131	90.9	72.4	108.6





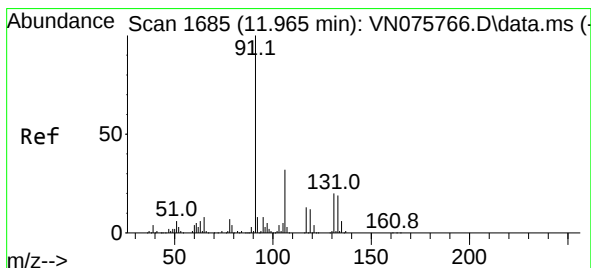
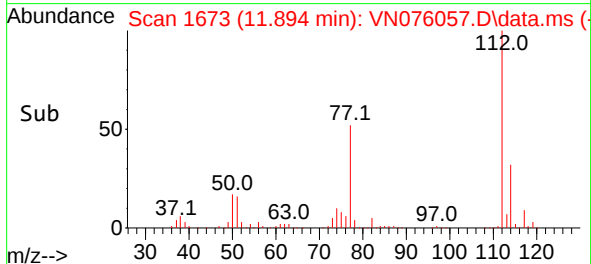
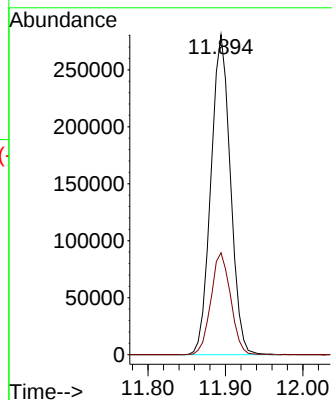
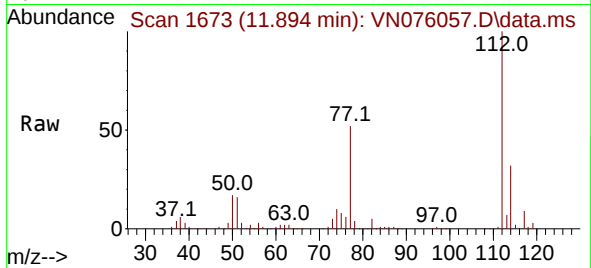
#65
Chlorobenzene
Concen: 46.921 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 49050
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1

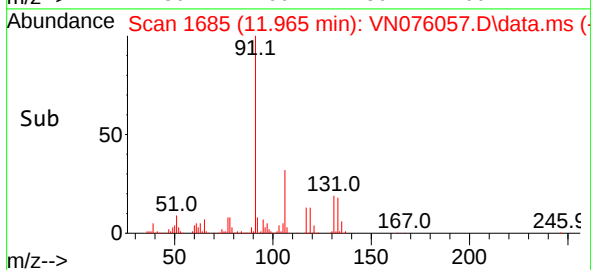
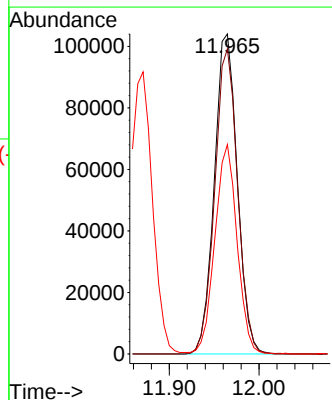
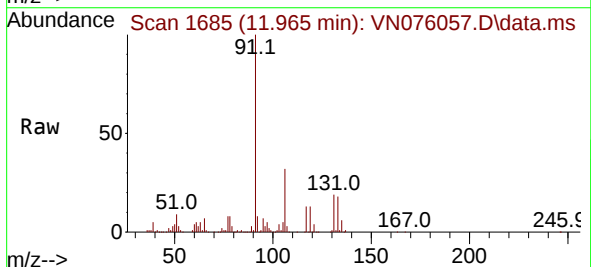
Manual Integrations
APPROVED

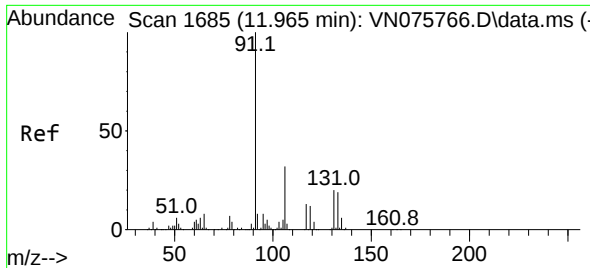
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.722 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Tgt Ion:131 Resp: 184782
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 63.5 31.9 95.7





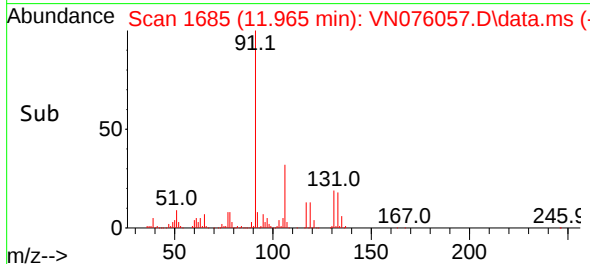
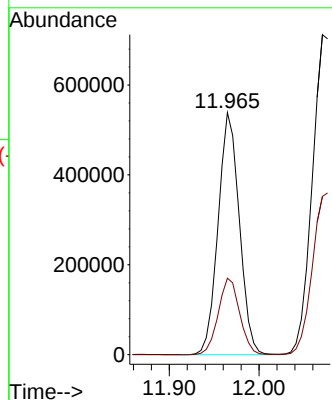
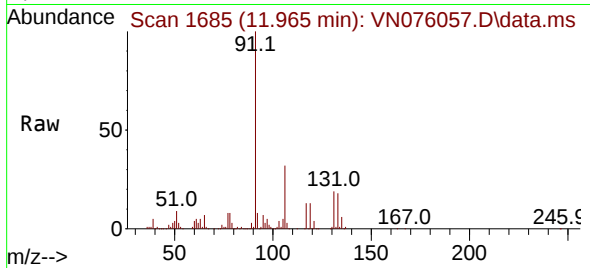
#67
Ethyl Benzene
Concen: 50.124 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 884358
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

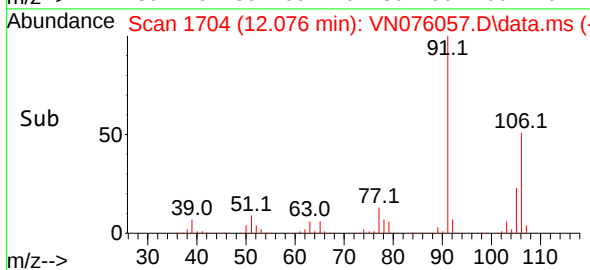
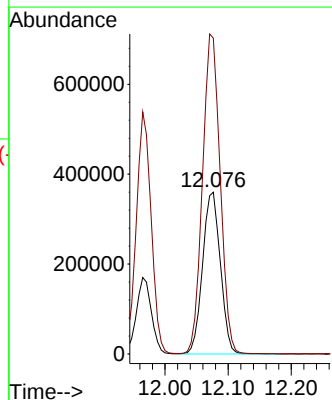
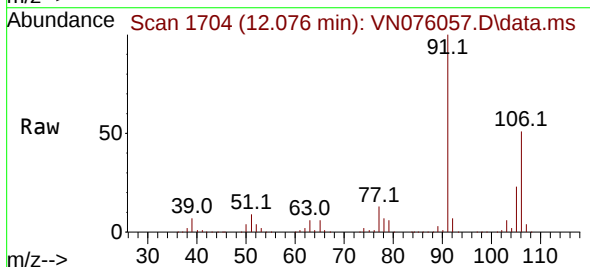
Manual Integrations
APPROVED

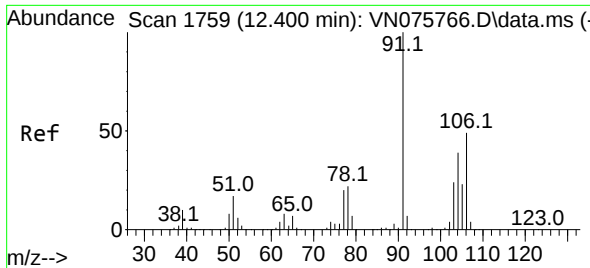
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#68
m/p-Xylenes
Concen: 100.615 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Tgt Ion:106 Resp: 702618
Ion Ratio Lower Upper
106 100
91 197.0 156.6 235.0





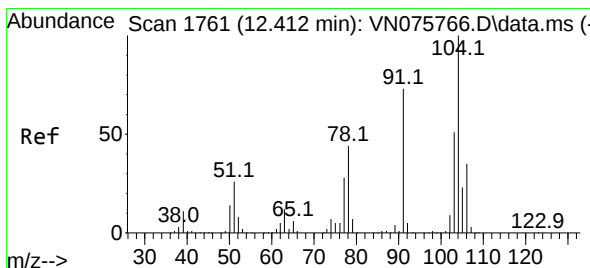
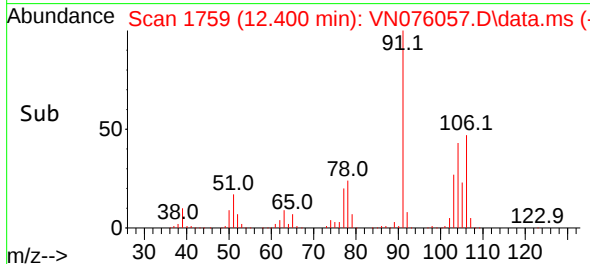
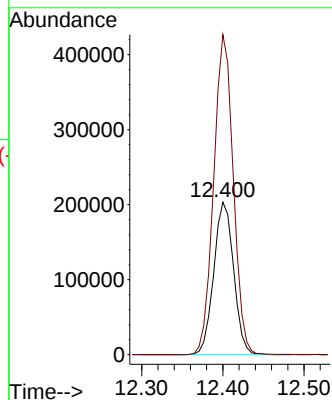
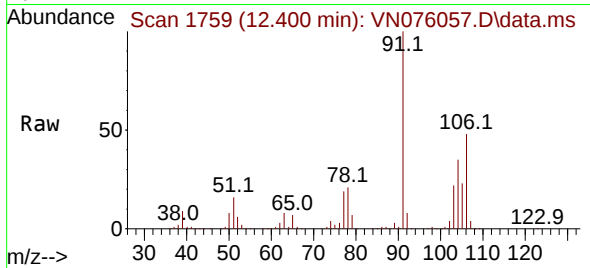
#69
o-Xylene
Concen: 50.039 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 34580
Ion Ratio Lower Upper
106 100
91 207.4 103.8 311.6

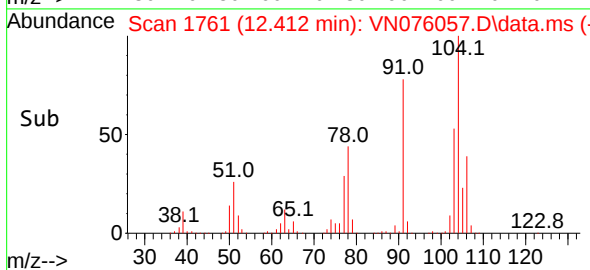
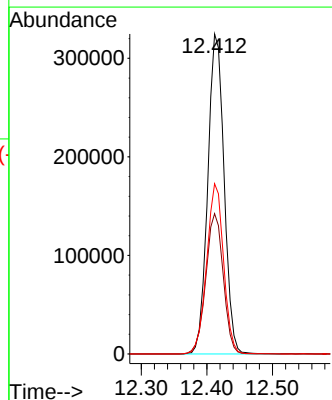
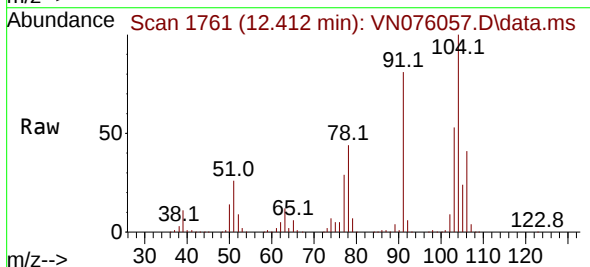
Manual Integrations
APPROVED

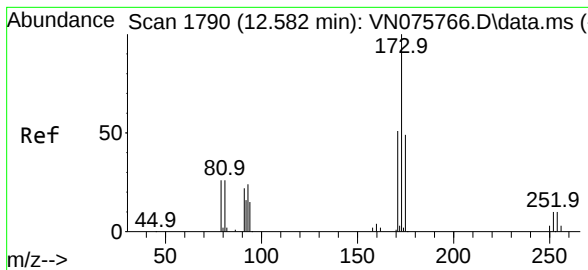
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#70
Styrene
Concen: 51.218 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

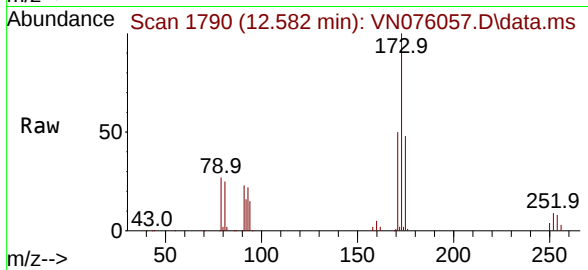
Tgt Ion:104 Resp: 562781
Ion Ratio Lower Upper
104 100
78 46.8 37.5 56.3
103 55.2 43.5 65.3





#71
Bromoform
Concen: 51.185 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

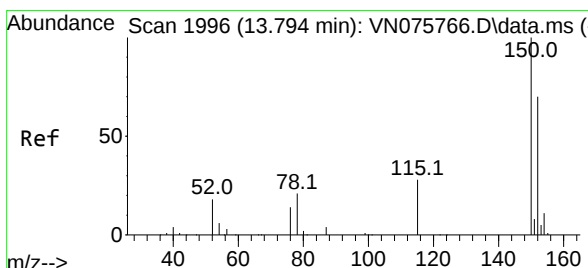
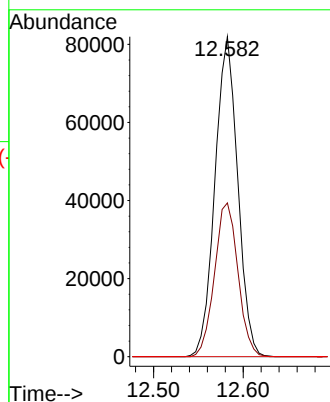
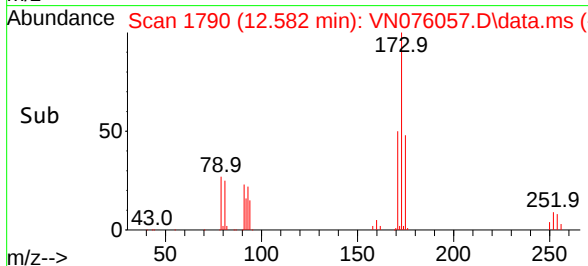
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



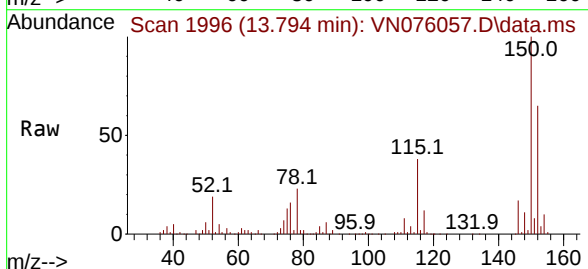
Tgt Ion:173 Resp: 144215
Ion Ratio Lower Upper
173 100
175 49.5 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

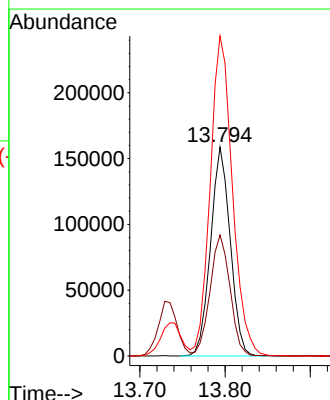
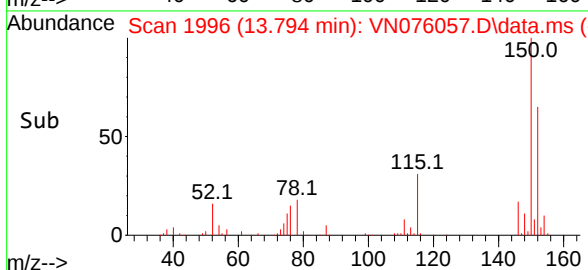
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

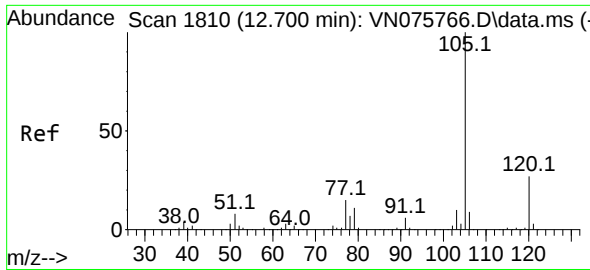


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29



Tgt Ion:152 Resp: 253991
Ion Ratio Lower Upper
152 100
115 59.1 29.1 87.4
150 173.3 0.0 347.0





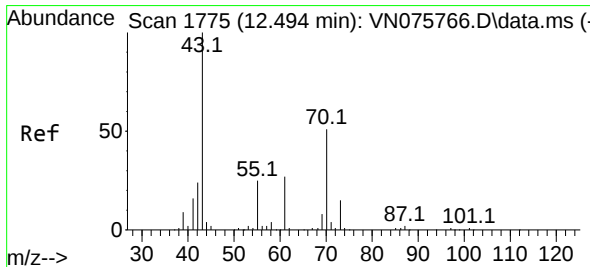
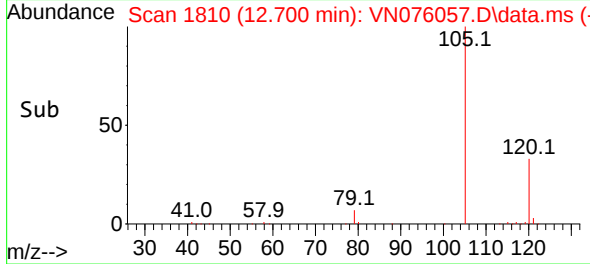
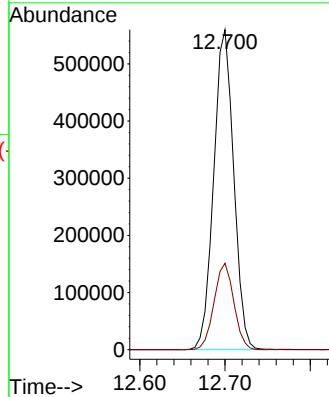
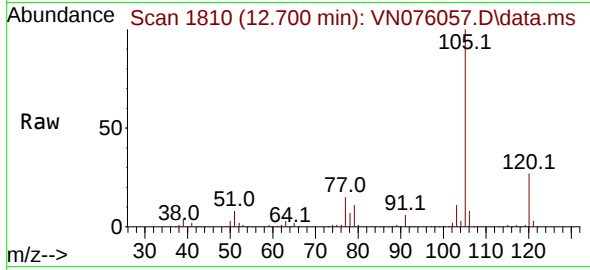
#73
Isopropylbenzene
Concen: 49.665 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 911569
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2

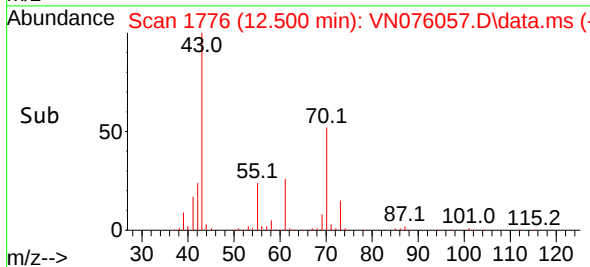
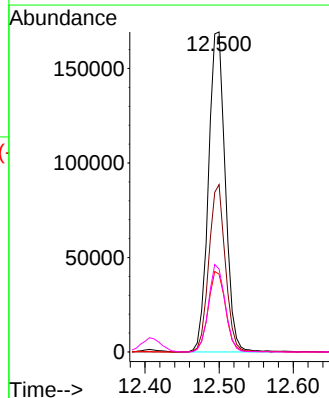
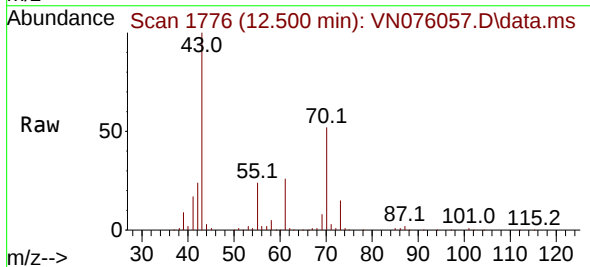
Manual Integrations
APPROVED

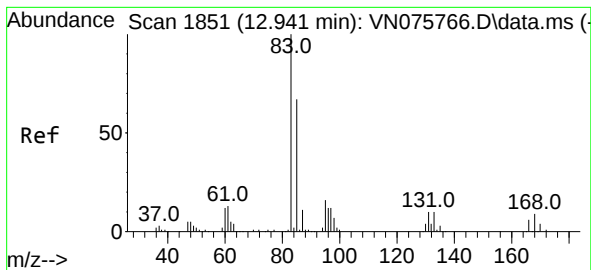
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#74
N-ethyl acetate
Concen: 49.589 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

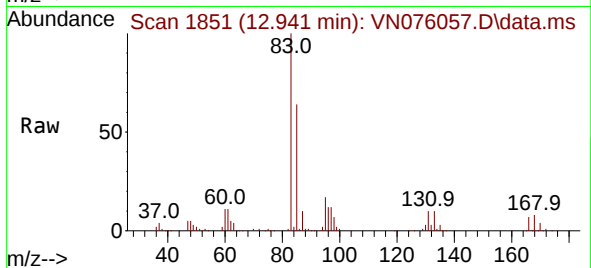
Tgt Ion: 43 Resp: 267014
Ion Ratio Lower Upper
43 100
70 51.1 41.4 62.0
55 25.9 21.3 31.9
61 27.1 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 42.915 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

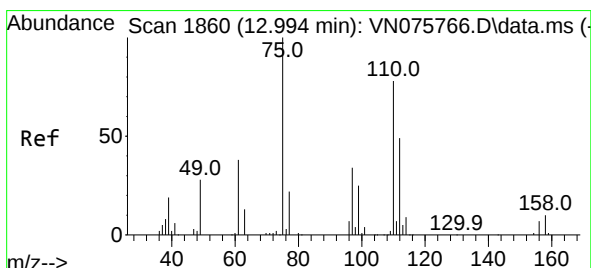
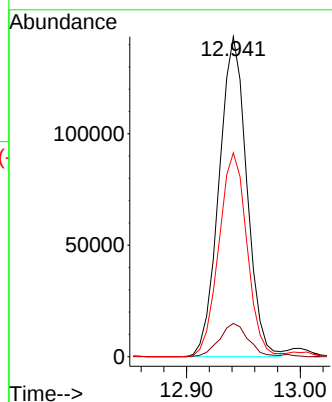
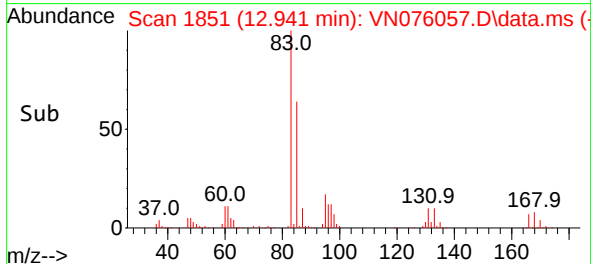
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 243502
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 64.4 32.6 98.0

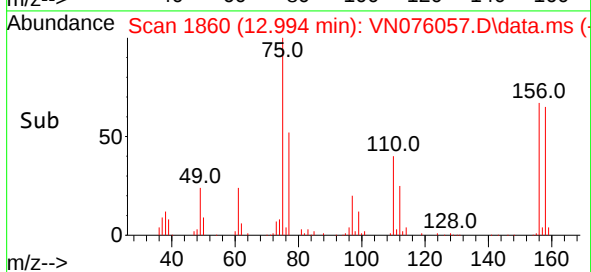
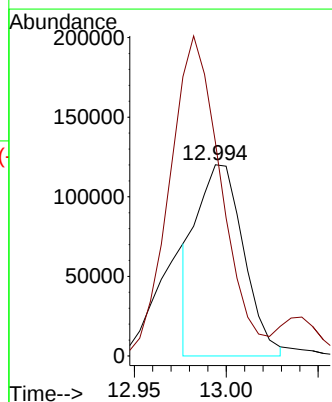
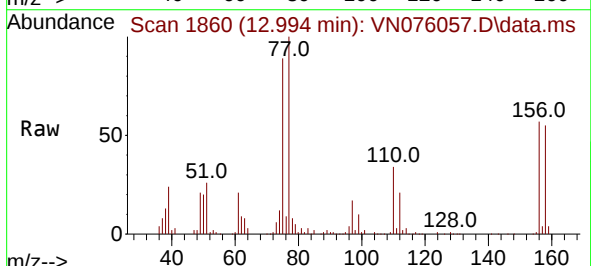
Manual Integrations
APPROVED

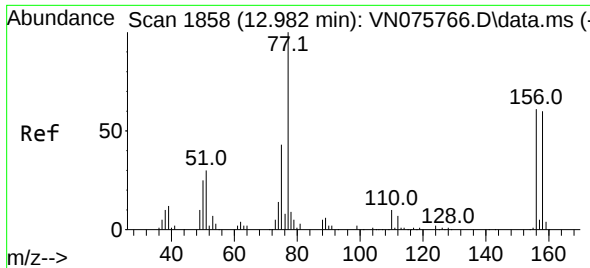
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#76
1,2,3-Trichloropropane
Concen: 41.776 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

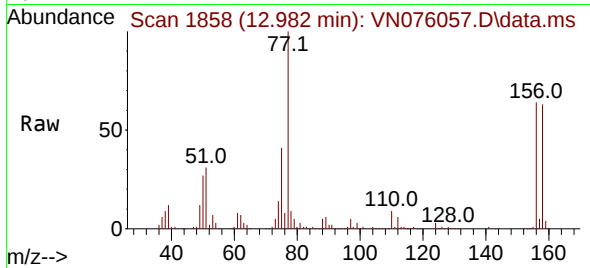
Tgt Ion: 75 Resp: 213886
Ion Ratio Lower Upper
75 100
77 184.0 82.6 247.8





#77
Bromobenzene
Concen: 46.509 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

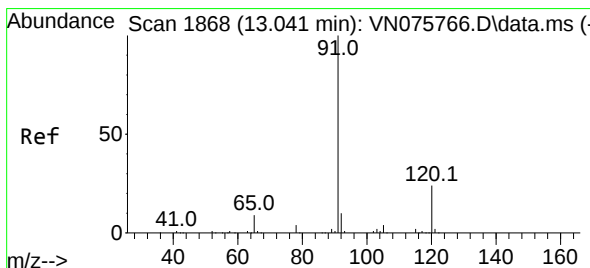
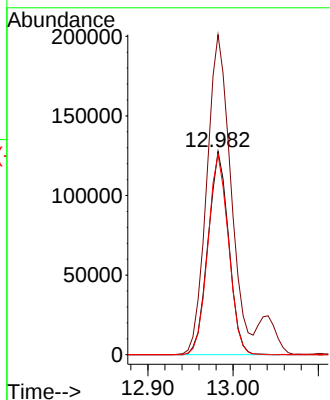
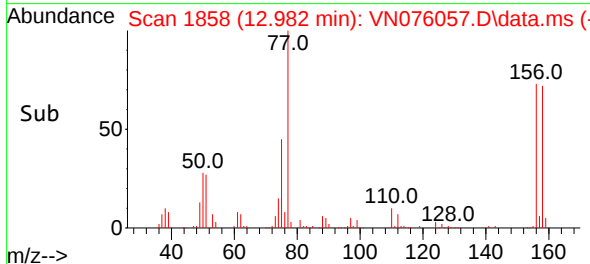
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 216040
Ion Ratio Lower Upper
156 100
77 182.2 93.8 281.3
158 98.1 48.9 146.6

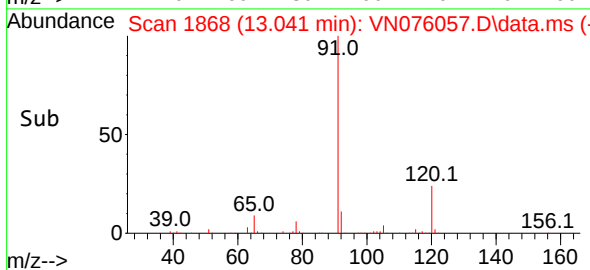
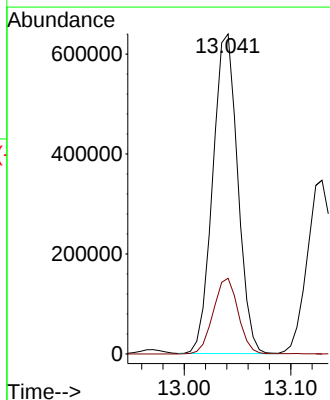
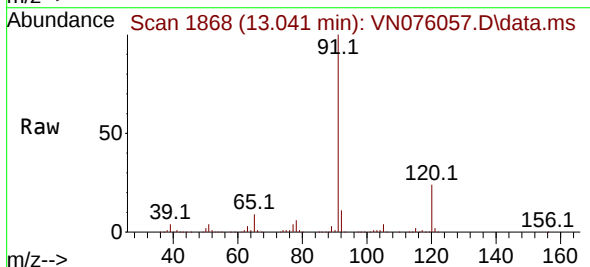
Manual Integrations
APPROVED

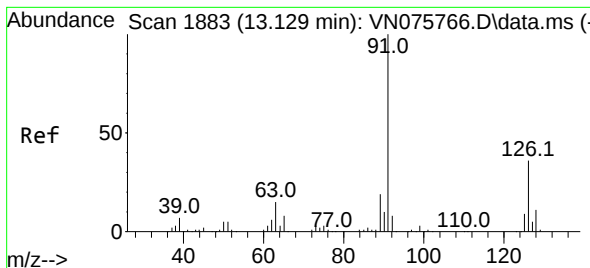
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#78
n-propylbenzene
Concen: 51.437 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

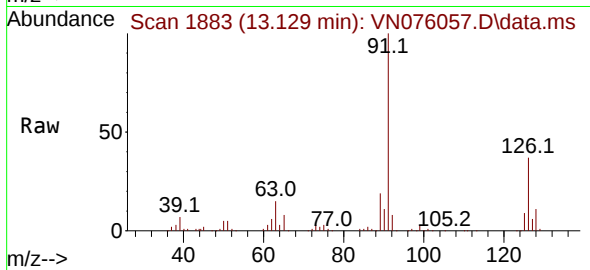
Tgt Ion: 91 Resp: 1041282
Ion Ratio Lower Upper
91 100
120 23.6 12.0 36.1





#79
2-Chlorotoluene
Concen: 47.577 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

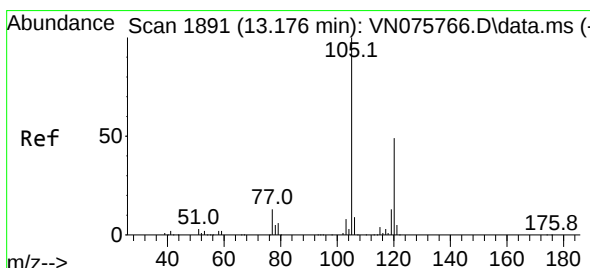
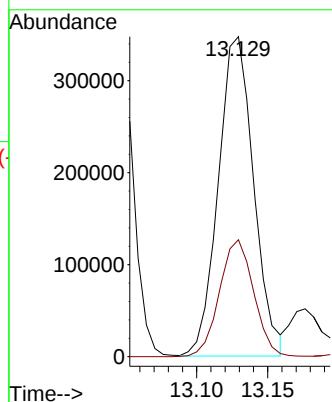
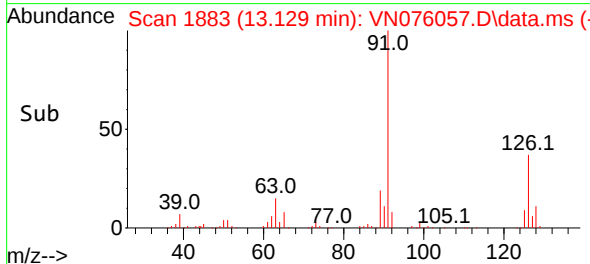
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



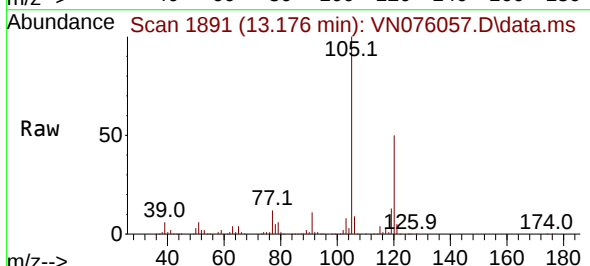
Tgt Ion: 91 Resp: 601230
Ion Ratio Lower Upper
91 100
126 35.5 17.5 52.5

Manual Integrations
APPROVED

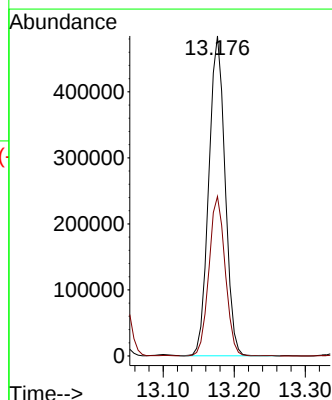
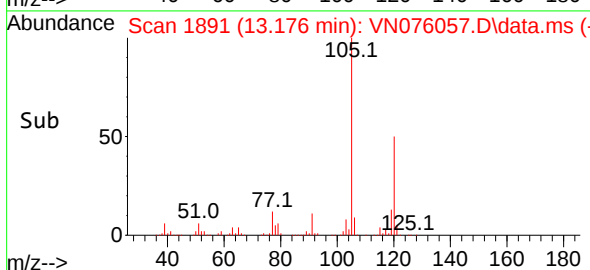
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

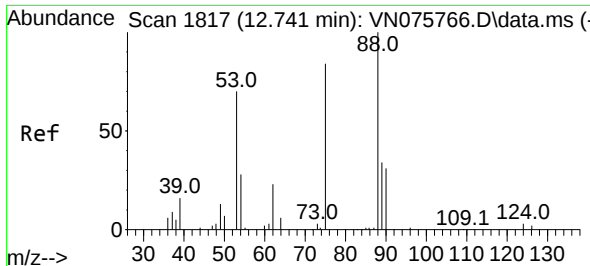


#80
1,3,5-Trimethylbenzene
Concen: 50.244 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29



Tgt Ion:105 Resp: 771837
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1





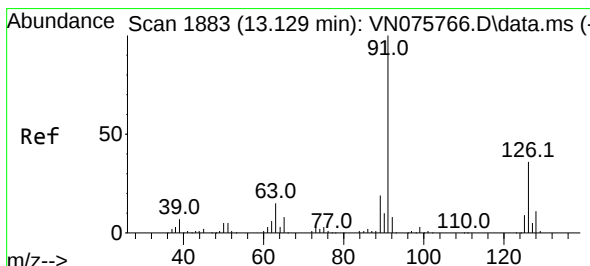
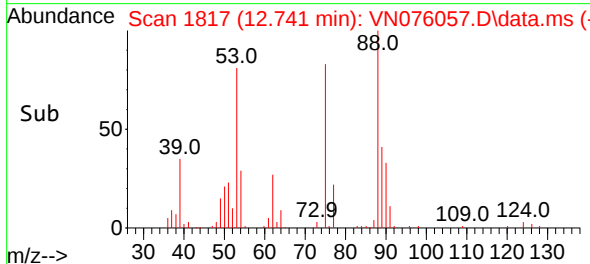
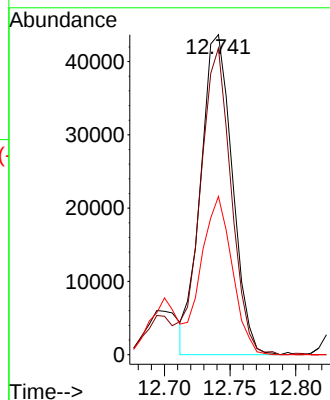
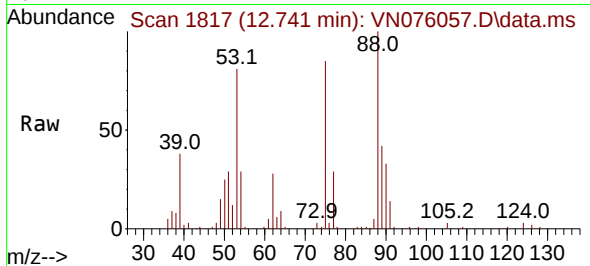
#81
trans-1,4-Dichloro-2-butene
Concen: 51.736 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 73588
Ion Ratio Lower Upper
75 100
53 93.8 73.8 110.6
89 49.0 39.5 59.3

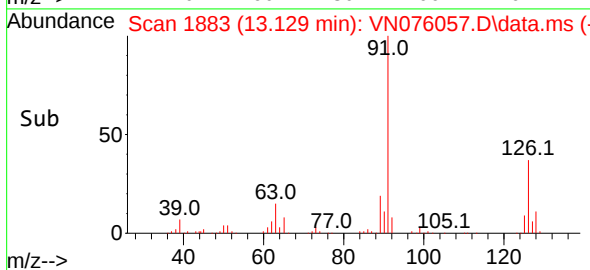
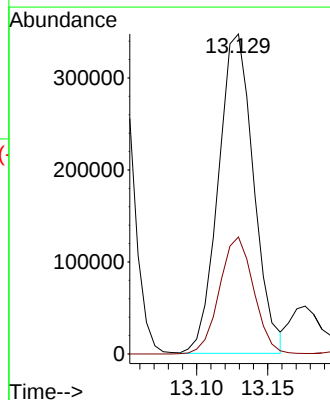
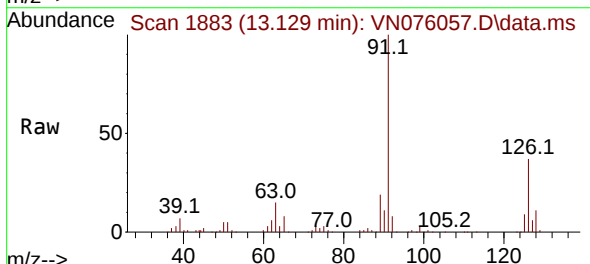
Manual Integrations
APPROVED

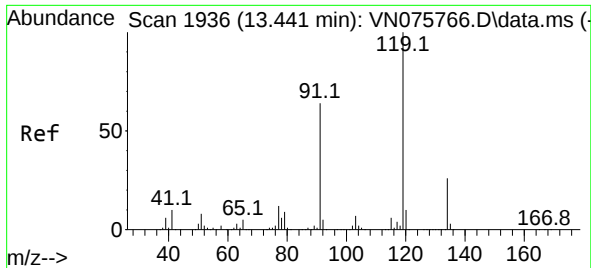
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#82
4-Chlorotoluene
Concen: 47.577 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

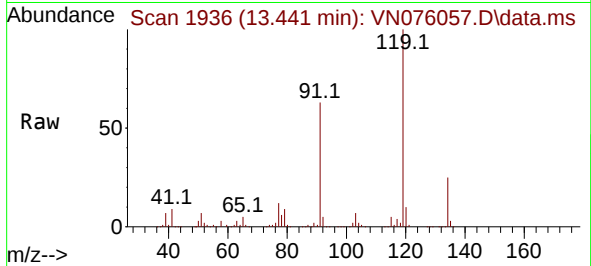
Tgt Ion: 91 Resp: 601230
Ion Ratio Lower Upper
91 100
126 35.5 17.5 52.5





#83
tert-Butylbenzene
Concen: 51.980 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

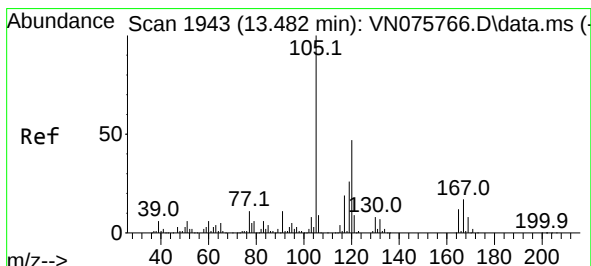
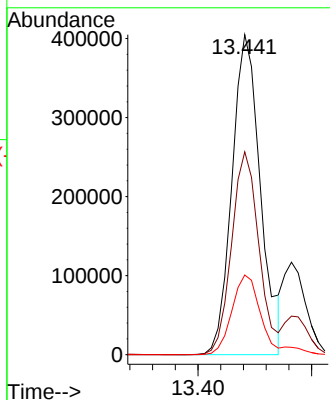
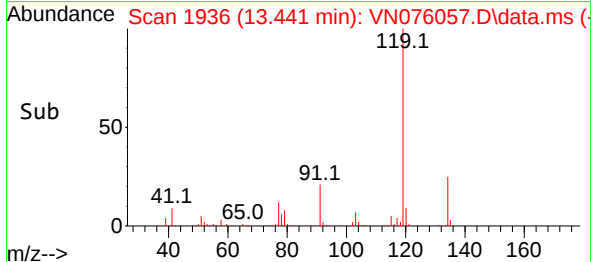
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



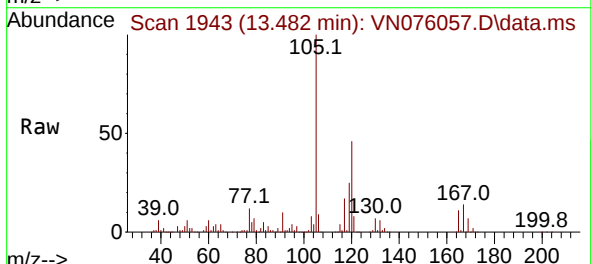
Tgt Ion:119 Resp: 704029
Ion Ratio Lower Upper
119 100
91 61.1 31.9 95.5
134 26.3 13.8 41.4

Manual Integrations
APPROVED

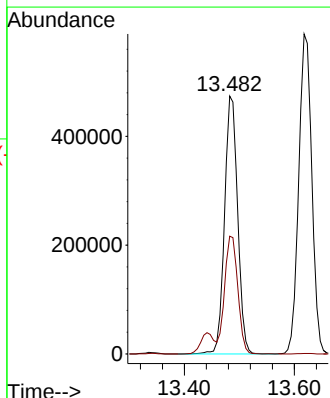
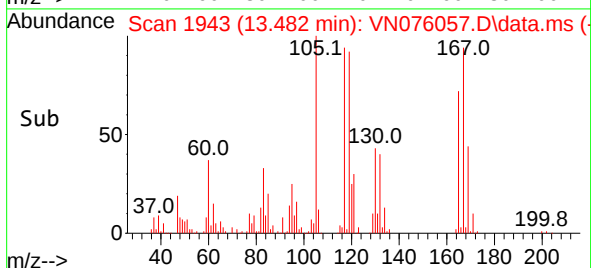
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

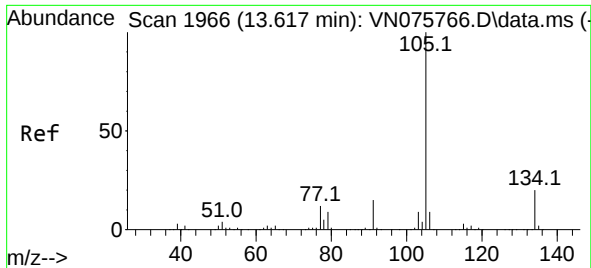


#84
1,2,4-Trimethylbenzene
Concen: 51.428 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29



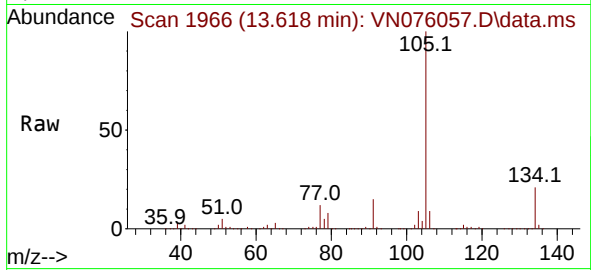
Tgt Ion:105 Resp: 783729
Ion Ratio Lower Upper
105 100
120 46.0 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 52.040 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076057.D
 Acq: 03 Jan 2023 12:29

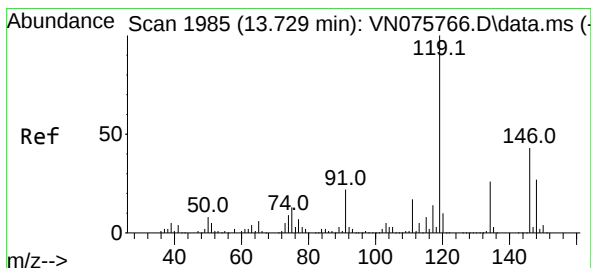
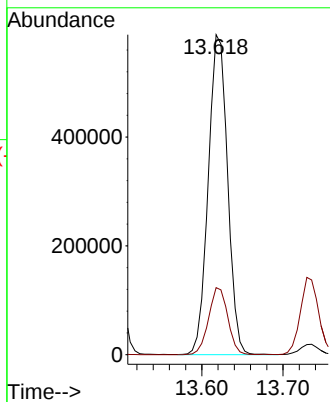
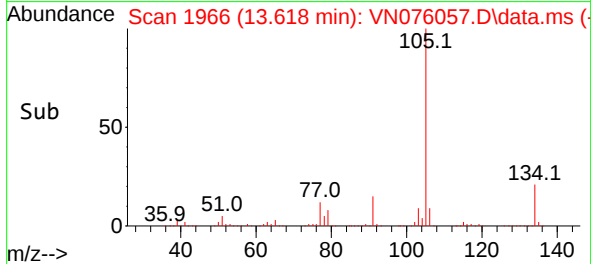
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



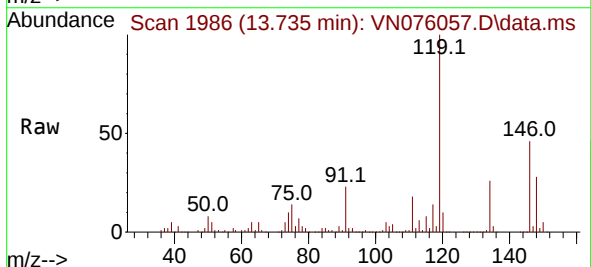
Tgt Ion:105 Resp: 97284
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1

Manual Integrations
 APPROVED

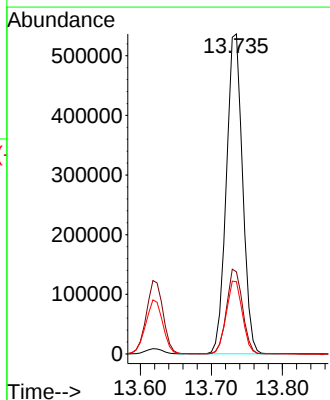
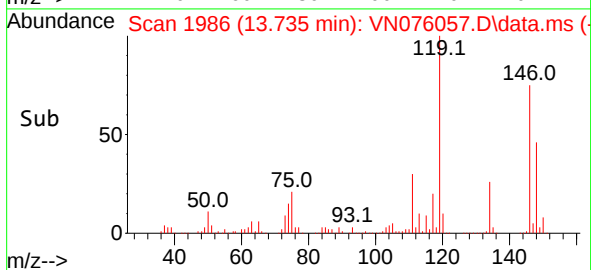
Reviewed By :John Carlone 01/04/2023
 Supervised By :Mahesh Dadoda 01/04/2023

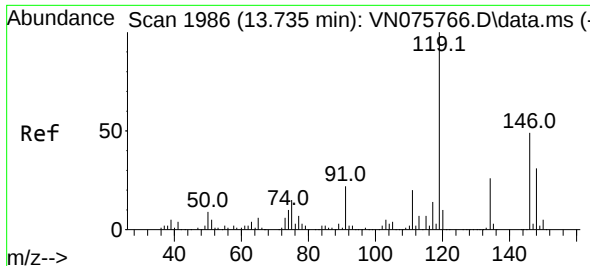


#86
 p-Isopropyltoluene
 Concen: 54.578 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076057.D
 Acq: 03 Jan 2023 12:29



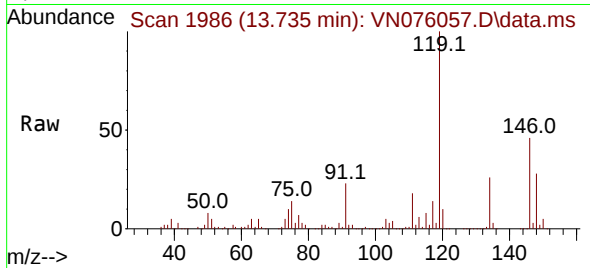
Tgt Ion:119 Resp: 848975
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 22.6 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 48.307 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

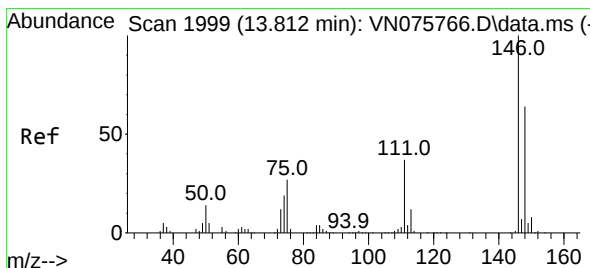
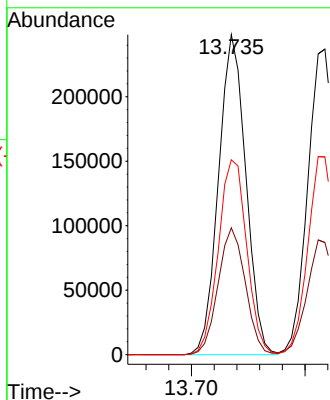
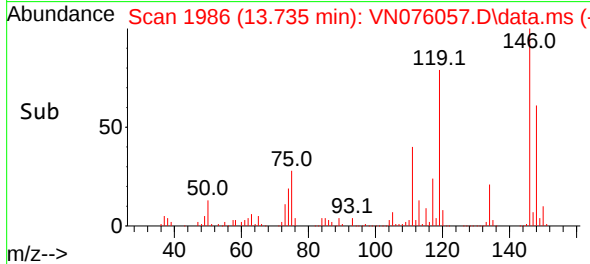
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



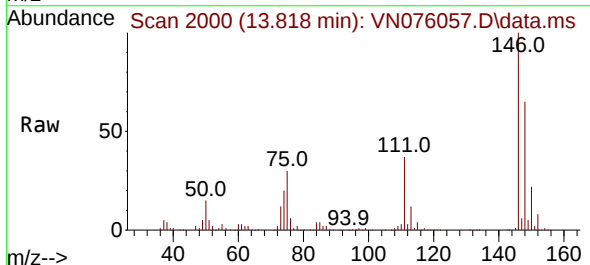
Tgt Ion:146 Resp: 414492
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.0
148 63.3 31.4 94.2

Manual Integrations
APPROVED

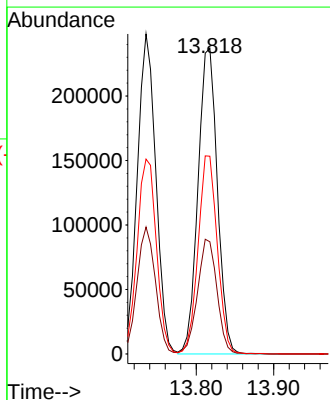
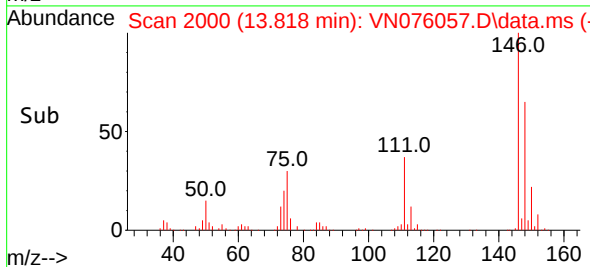
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

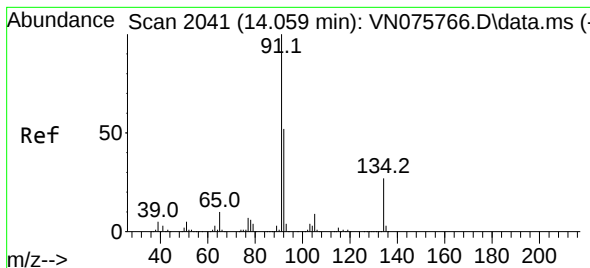


#88
1,4-Dichlorobenzene
Concen: 47.023 ug/l
RT: 13.818 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29



Tgt Ion:146 Resp: 412175
Ion Ratio Lower Upper
146 100
111 37.8 19.1 57.1
148 64.2 32.0 96.2





#89

n-Butylbenzene

Concen: 55.001 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

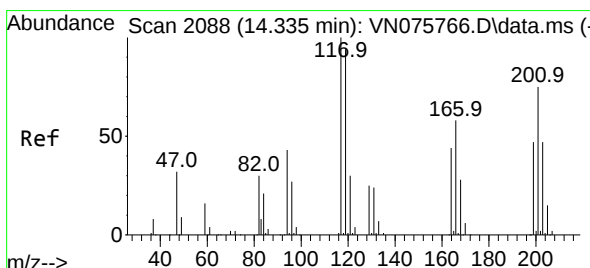
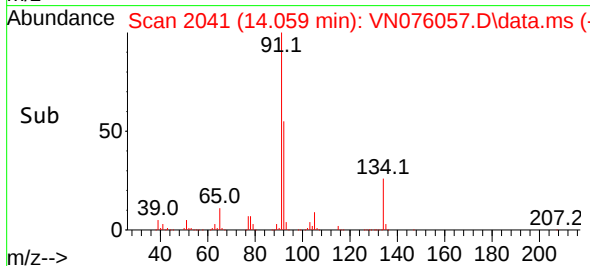
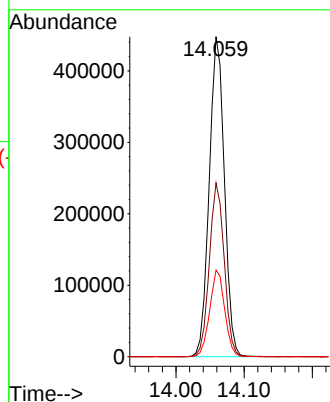
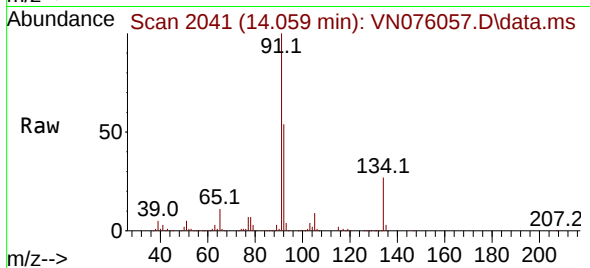
Tgt Ion:	91	Resp:	69310
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.4	79.2
134	26.8	13.4	40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#90

Hexachloroethane

Concen: 51.678 ug/l

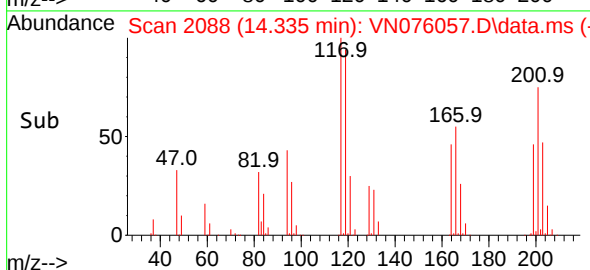
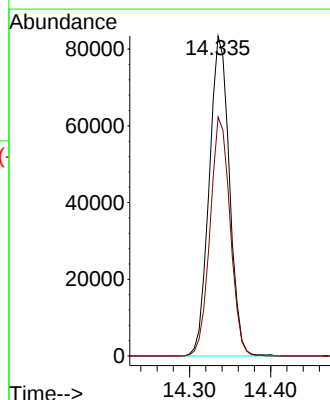
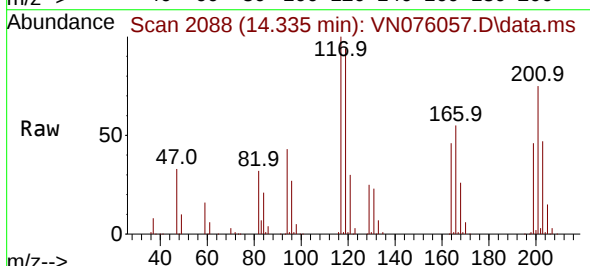
RT: 14.335 min Scan# 2088

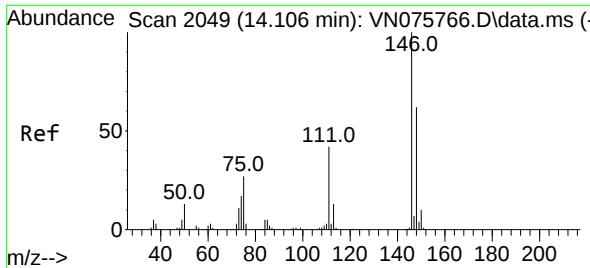
Delta R.T. 0.000 min

Lab File: VN076057.D

Acq: 03 Jan 2023 12:29

Tgt Ion:	117	Resp:	143795
Ion	Ratio	Lower	Upper
117	100		
201	74.1	38.0	114.1





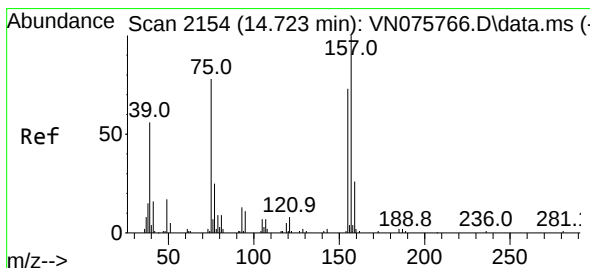
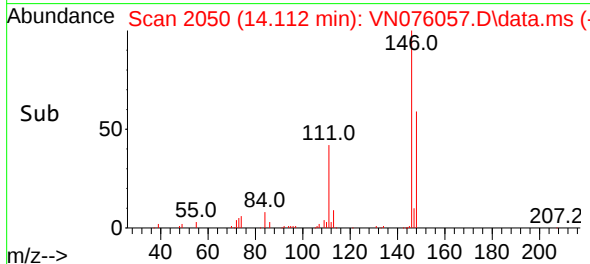
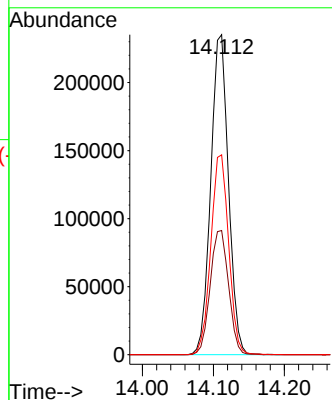
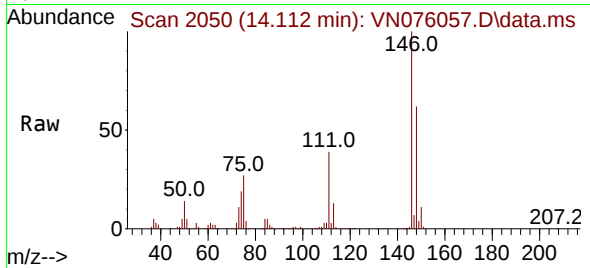
#91
1,2-Dichlorobenzene
Concen: 48.068 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 406250
Ion Ratio Lower Upper
146 100
111 40.4 20.3 61.0
148 63.1 31.7 95.1

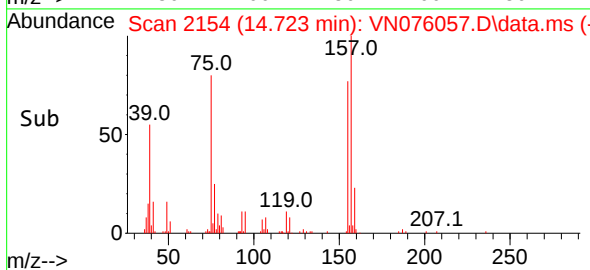
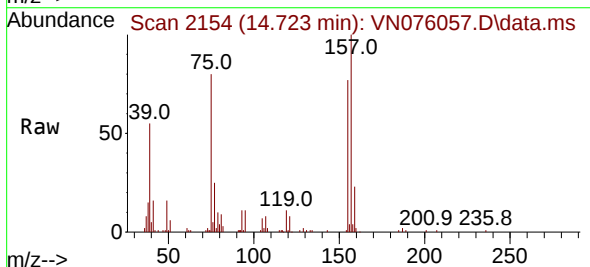
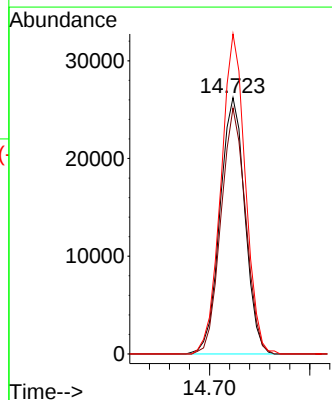
Manual Integrations
APPROVED

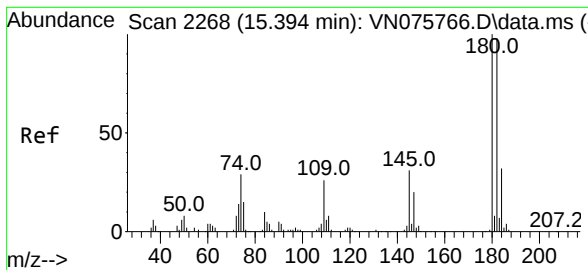
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.789 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

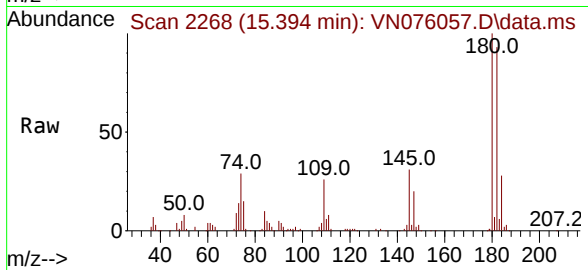
Tgt Ion: 75 Resp: 45094
Ion Ratio Lower Upper
75 100
155 94.8 49.3 147.8
157 122.4 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 51.145 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

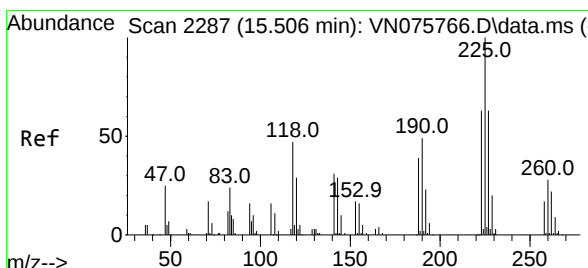
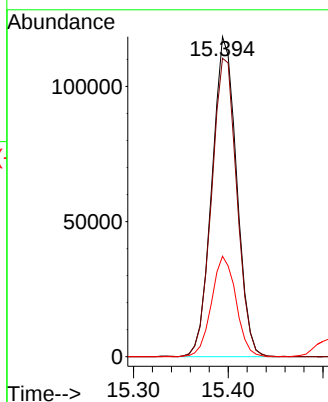
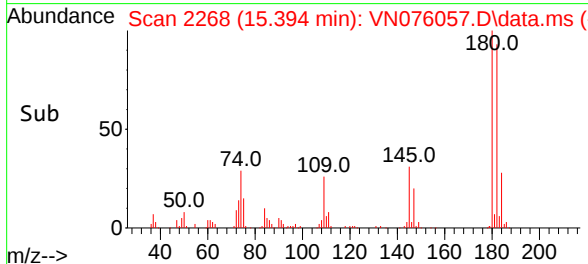
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



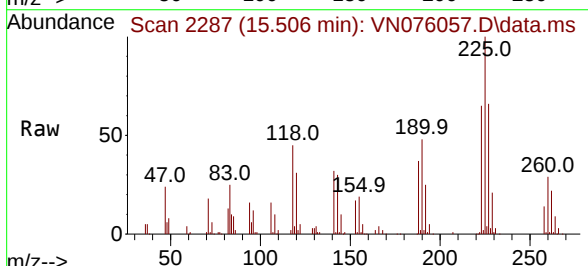
Tgt Ion:180 Resp: 214000
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.5
145 31.1 15.3 45.8

Manual Integrations
APPROVED

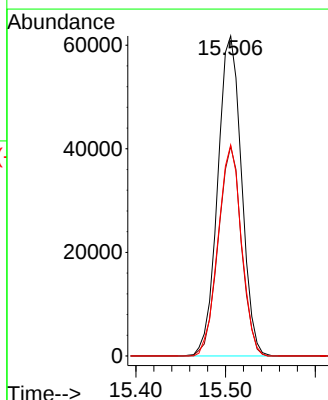
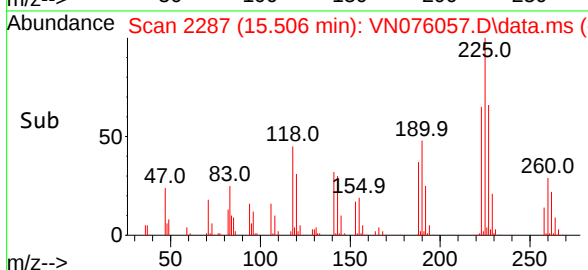
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#94
Hexachlorobutadiene
Concen: 49.781 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29



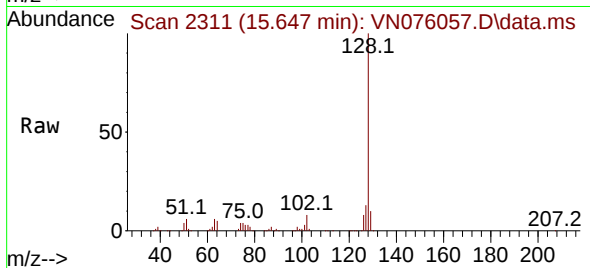
Tgt Ion:225 Resp: 113644
Ion Ratio Lower Upper
225 100
223 63.8 31.5 94.5
227 64.7 31.6 95.0





#95
Naphthalene
Concen: 44.864 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

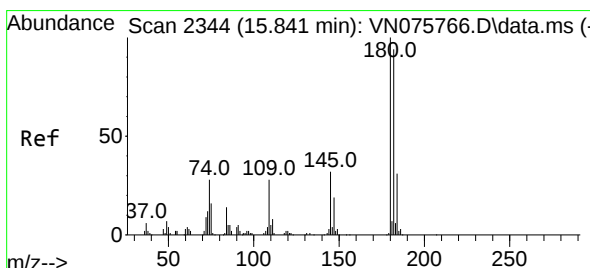
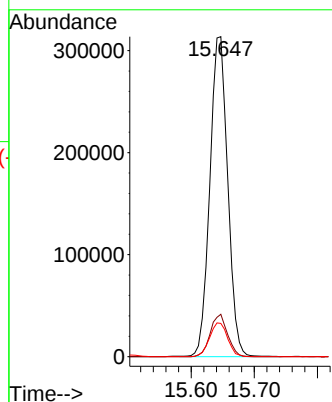
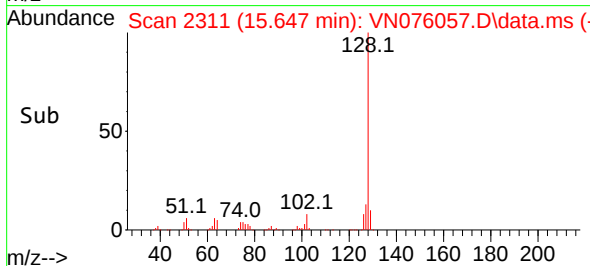
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 616925
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#96
1,2,3-Trichlorobenzene
Concen: 51.232 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN076057.D
Acq: 03 Jan 2023 12:29

Tgt Ion:180 Resp: 200357
Ion Ratio Lower Upper
180 100
182 96.1 47.0 141.0
145 33.3 16.0 47.9

