

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010323\
 Data File : VN076071.D
 Acq On : 03 Jan 2023 18:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 04 04:21:23 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	8.229	168	333219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	550787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	501833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	250451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	178710	49.298	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.600%		
35) Dibromofluoromethane	8.171	113	164916	48.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.700%		
50) Toluene-d8	10.571	98	582161	45.648	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.300%		
62) 4-Bromofluorobenzene	12.853	95	206231	48.824	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	157591	66.608	ug/l	98
3) Chloromethane	2.377	50	160702	54.623	ug/l	97
4) Vinyl Chloride	2.524	62	194211	55.340	ug/l	97
5) Bromomethane	2.947	94	155302	52.071	ug/l	100
6) Chloroethane	3.118	64	135797	52.253	ug/l	96
7) Trichlorofluoromethane	3.506	101	264370	49.645	ug/l	98
8) Diethyl Ether	3.971	74	99931	51.379	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	147292	48.439	ug/l	98
10) Methyl Iodide	4.600	142	252416	51.150	ug/l	100
11) Tert butyl alcohol	5.536	59	129009	251.505	ug/l	99
12) 1,1-Dichloroethene	4.353	96	145560	49.288	ug/l	98
13) Acrolein	4.194	56	136823	217.573	ug/l	97
14) Allyl chloride	5.036	41	166778	48.308	ug/l	89
15) Acrylonitrile	5.730	53	354860	253.506	ug/l	99
16) Acetone	4.441	43	273796	219.099	ug/l	99
17) Carbon Disulfide	4.724	76	349160	48.830	ug/l	96
18) Methyl Acetate	5.041	43	194179	52.568	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	517897	53.252	ug/l	98
20) Methylene Chloride	5.289	84	167761	50.187	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	153441	47.442	ug/l	96
22) Diisopropyl ether	6.683	45	428336	51.073	ug/l	99
23) Vinyl Acetate	6.612	43	1448682	256.637	ug/l	99
24) 1,1-Dichloroethane	6.583	63	273183	48.842	ug/l	99
25) 2-Butanone	7.488	43	441926	252.568	ug/l	95
26) 2,2-Dichloropropane	7.500	77	217587	45.937	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	189205	48.913	ug/l	98
28) Bromochloromethane	7.824	49	108028	44.066	ug/l	99
29) Tetrahydrofuran	7.847	42	296868	270.739	ug/l	99
30) Chloroform	7.971	83	305748	48.551	ug/l	98
31) Cyclohexane	8.265	56	234358	45.140	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	271172	48.571	ug/l	96
36) 1,1-Dichloropropene	8.382	75	211550	46.689	ug/l	97
37) Ethyl Acetate	7.571	43	188650	51.833	ug/l	97
38) Carbon Tetrachloride	8.371	117	242600	47.838	ug/l	99
39) Methylcyclohexane	9.606	83	271776	49.717	ug/l	98
40) Benzene	8.612	78	674031	48.214	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	97251	51.406	ug/l	94
42) 1,2-Dichloroethane	8.677	62	222311	47.832	ug/l	99
43) Isopropyl Acetate	8.694	43	320117	53.319	ug/l	99
44) Trichloroethene	9.353	130	177509	45.071	ug/l	96
45) 1,2-Dichloropropane	9.624	63	157926	46.422	ug/l	100
46) Dibromomethane	9.712	93	124958	49.523	ug/l	99
47) Bromodichloromethane	9.894	83	236966	47.890	ug/l	97
48) Methyl methacrylate	9.682	41	145696	53.881	ug/l	98
49) 1,4-Dioxane	9.700	88	68718	1033.707	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	970146	267.197	ug/l	99
52) Toluene	10.635	92	435195	47.798	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	246887	50.971	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	270196	50.807	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	177233	49.594	ug/l	96
56) Ethyl methacrylate	10.876	69	259199	54.605	ug/l	98
57) 1,3-Dichloropropane	11.165	76	294297	50.205	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	380716	251.912	ug/l	100
59) 2-Hexanone	11.200	43	715663	270.281	ug/l	100
60) Dibromochloromethane	11.359	129	199425	50.179	ug/l	99
61) 1,2-Dibromoethane	11.470	107	184650	51.058	ug/l	100
64) Tetrachloroethene	11.106	164	166810	47.238	ug/l	99
65) Chlorobenzene	11.894	112	471658	45.792	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	183345	48.058	ug/l	99
67) Ethyl Benzene	11.965	91	843228	48.506	ug/l	100
68) m/p-Xylenes	12.070	106	669875	97.359	ug/l	99
69) o-Xylene	12.400	106	334255	49.090	ug/l	99
70) Styrene	12.412	104	548559	50.669	ug/l	100
71) Bromoform	12.582	173	145166	52.292	ug/l #	100
73) Isopropylbenzene	12.700	105	853188	47.141	ug/l	100
74) N-amyl acetate	12.494	43	284001	53.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	257714	46.062	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	224884m	44.545	ug/l	
77) Bromobenzene	12.982	156	209147	45.662	ug/l	99
78) n-propylbenzene	13.041	91	974514	48.819	ug/l	99
79) 2-Chlorotoluene	13.129	91	575112	46.154	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	725111	47.870	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	74414m	53.056	ug/l	
82) 4-Chlorotoluene	13.129	91	575112	46.154	ug/l	100
83) tert-Butylbenzene	13.441	119	666703	49.920	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	741527	49.346	ug/l	99
85) sec-Butylbenzene	13.617	105	919644	49.890	ug/l	99
86) p-Isopropyltoluene	13.735	119	778588	50.761	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	393342	46.490	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	388757	44.978	ug/l	99
89) n-Butylbenzene	14.059	91	626955	50.455	ug/l	99
90) Hexachloroethane	14.335	117	134703	49.095	ug/l	100
91) 1,2-Dichlorobenzene	14.111	146	392335	47.077	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	47848	48.196	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	195762	47.447	ug/l	99
94) Hexachlorobutadiene	15.505	225	102333	45.460	ug/l	99
95) Naphthalene	15.641	128	618949	45.609	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	195103	50.594	ug/l	100

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

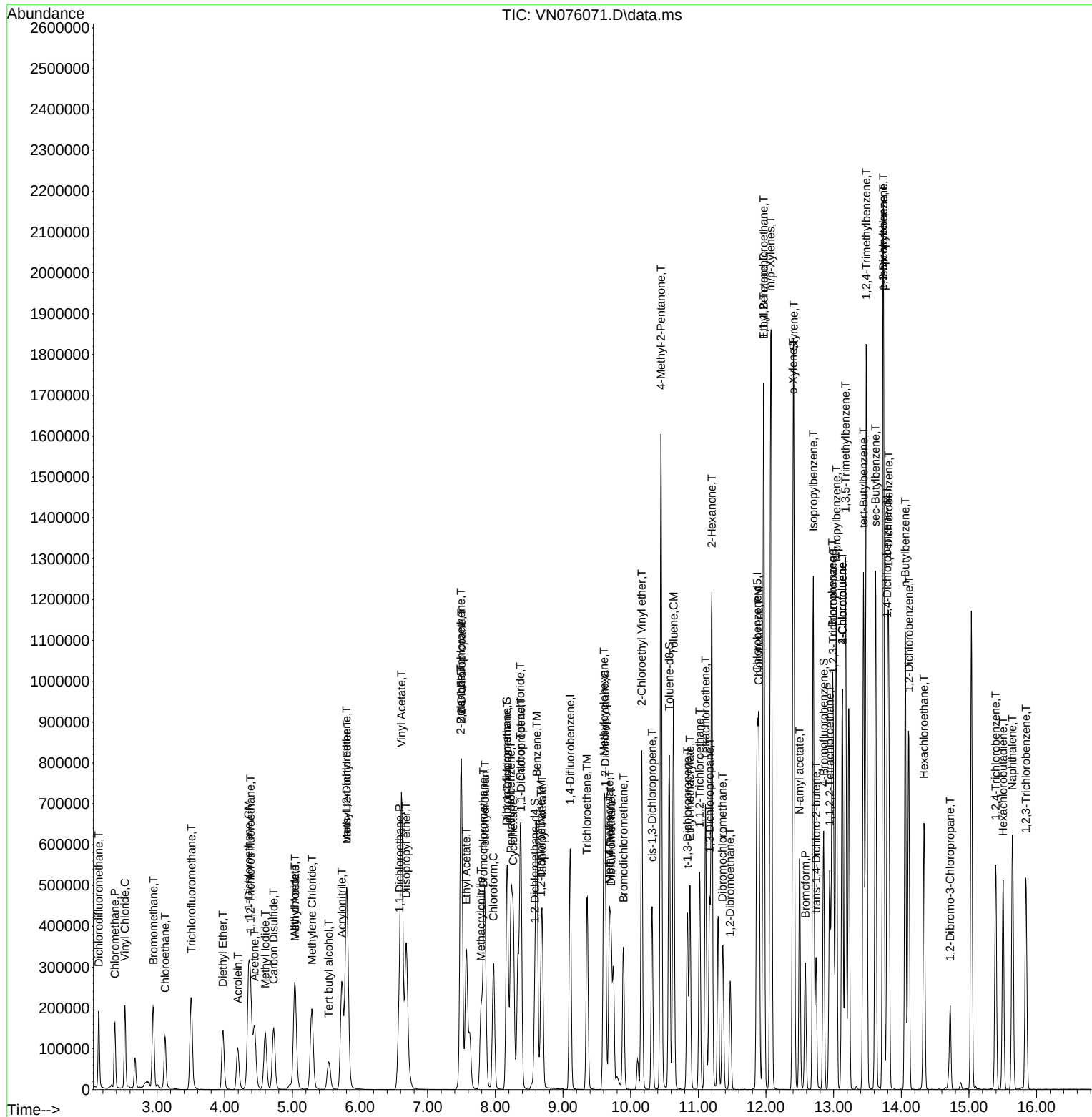
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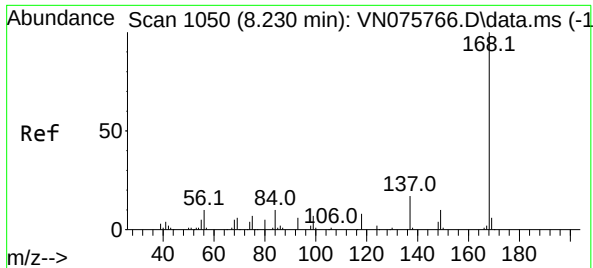
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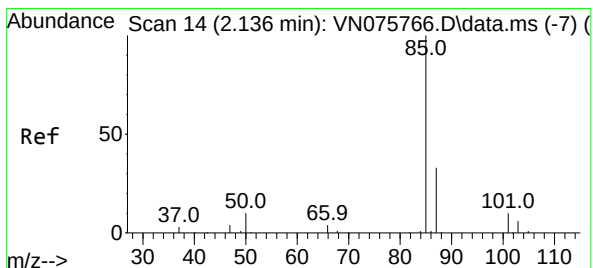
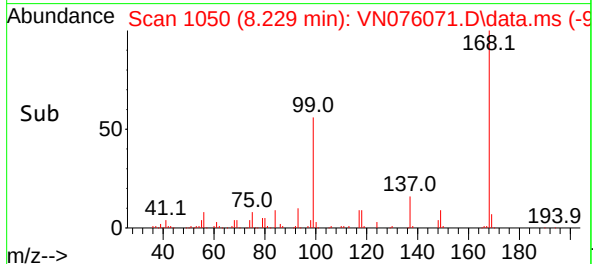
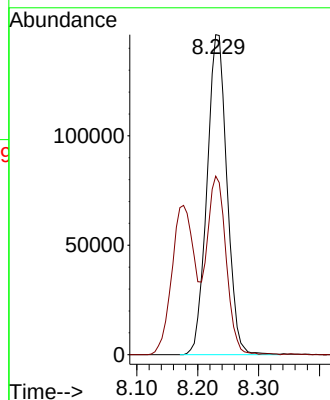
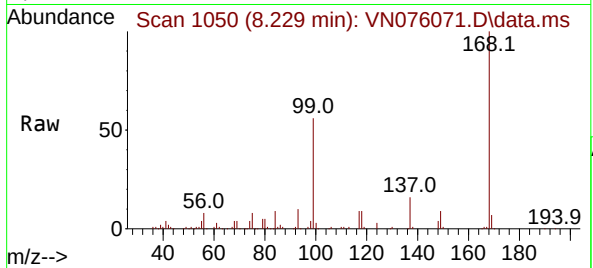
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076071.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 333219
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4

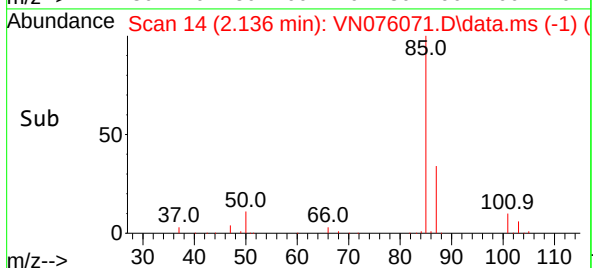
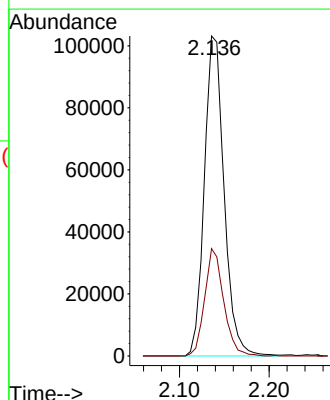
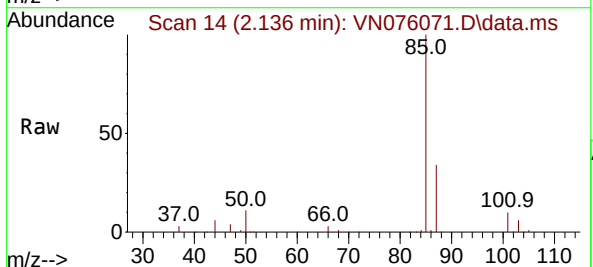
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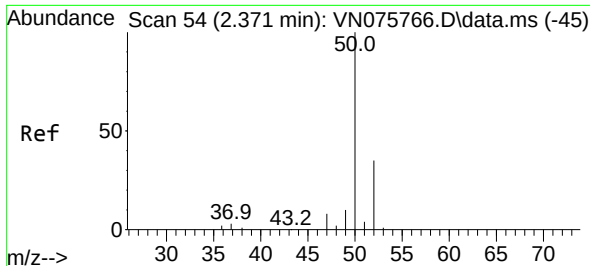
Reviewed By :John Carlone 01/04/2023
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#2
Dichlorodifluoromethane
Concen: 66.608 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Tgt Ion: 85 Resp: 157591
Ion Ratio Lower Upper
85 100
87 33.6 16.3 48.9





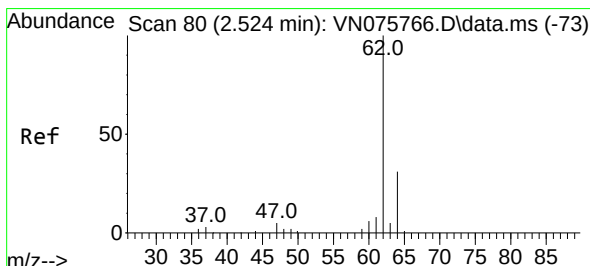
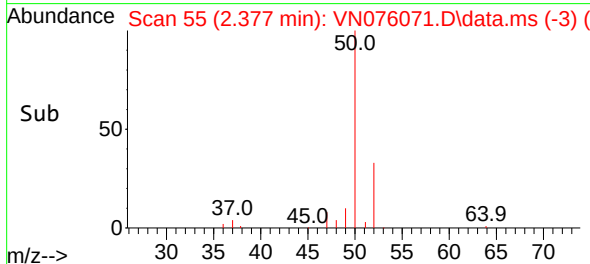
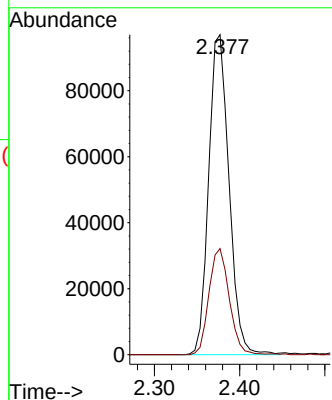
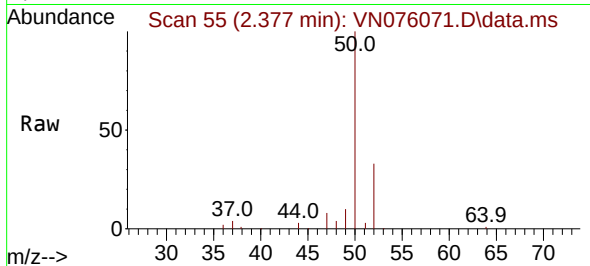
#3
Chloromethane
Concen: 54.623 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

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Tgt Ion: 50 Resp: 160702
Ion Ratio Lower Upper
50 100
52 33.2 27.7 41.5

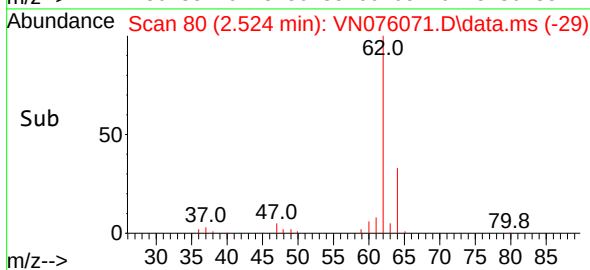
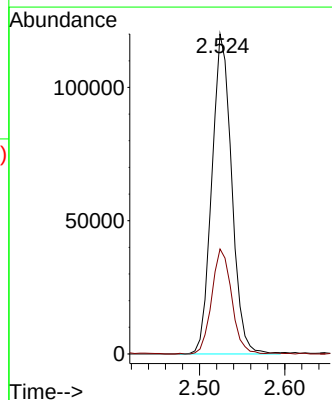
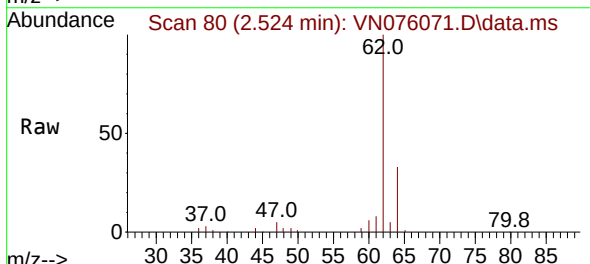
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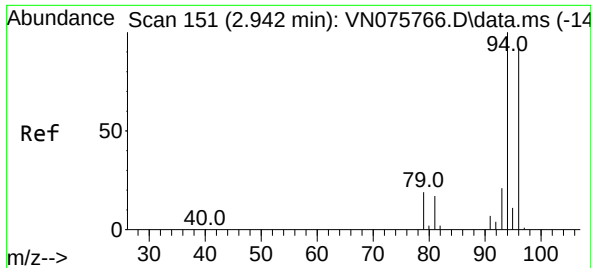
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#4
Vinyl Chloride
Concen: 55.340 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

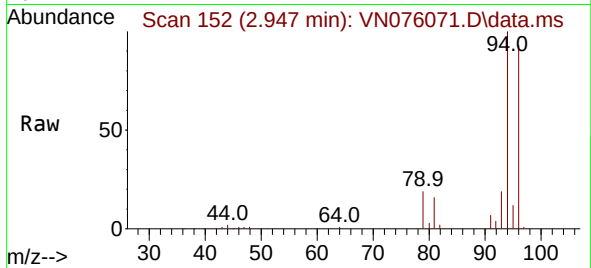
Tgt Ion: 62 Resp: 194211
Ion Ratio Lower Upper
62 100
64 32.6 24.9 37.3





#5
Bromomethane
Concen: 52.071 ug/l
RT: 2.947 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076071.D
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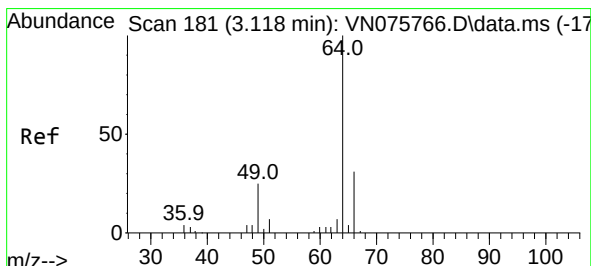
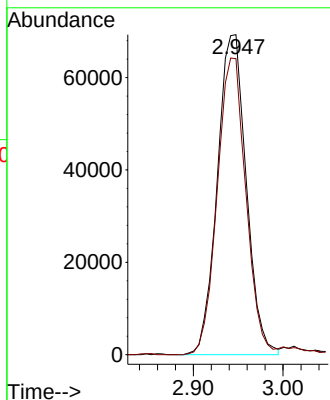
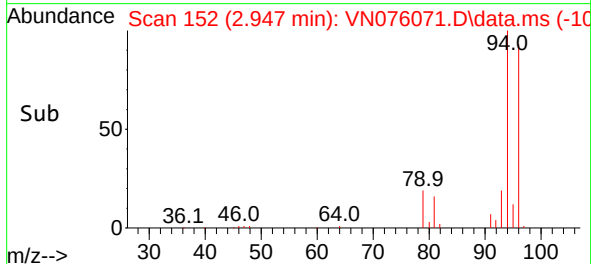
Instrument :
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Tgt Ion: 94 Resp: 155302
Ion Ratio Lower Upper
94 100
96 92.5 73.8 110.6

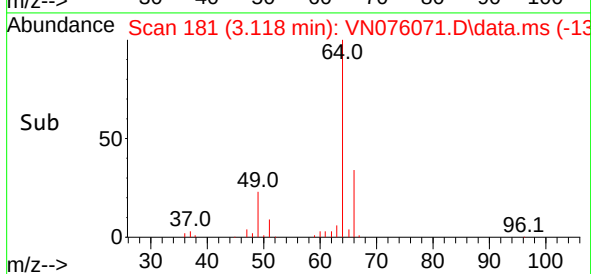
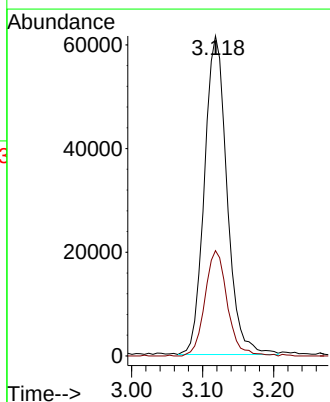
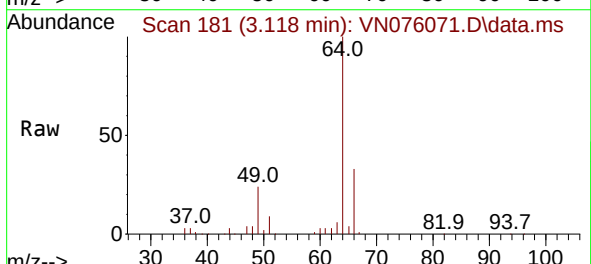
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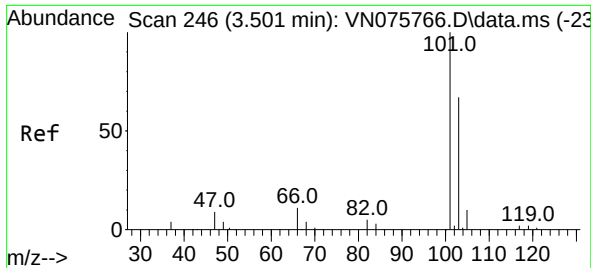
Reviewed By :John Carlone 01/04/2023
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#6
Chloroethane
Concen: 52.253 ug/l
RT: 3.118 min Scan# 181
Delta R.T. -0.000 min
Lab File: VN076071.D
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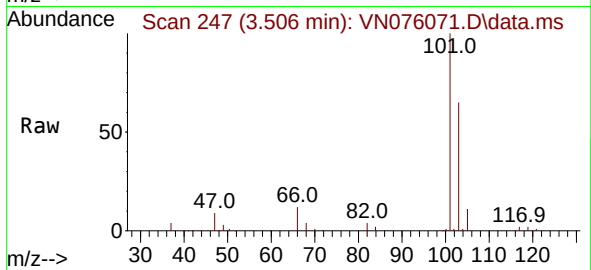
Tgt Ion: 64 Resp: 135797
Ion Ratio Lower Upper
64 100
66 33.1 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 49.645 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN076071.D
 Acq: 03 Jan 2023 18:39

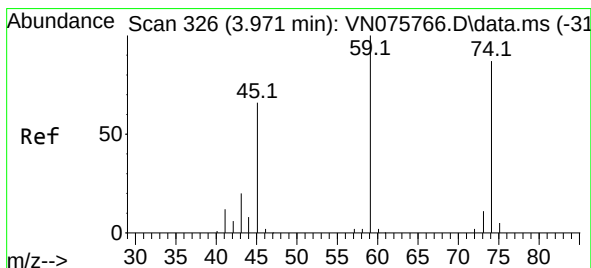
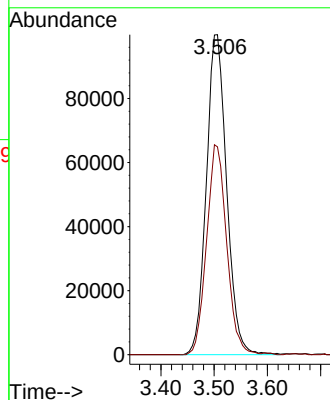
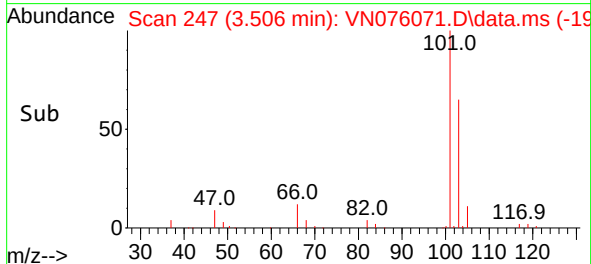
Instrument :
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Tgt Ion:101 Resp: 264370
 Ion Ratio Lower Upper
 101 100
 103 64.9 53.4 80.2

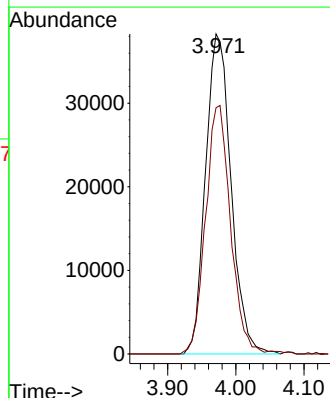
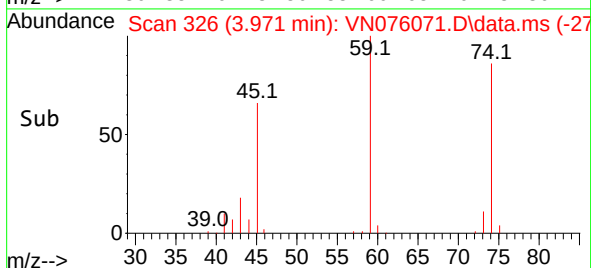
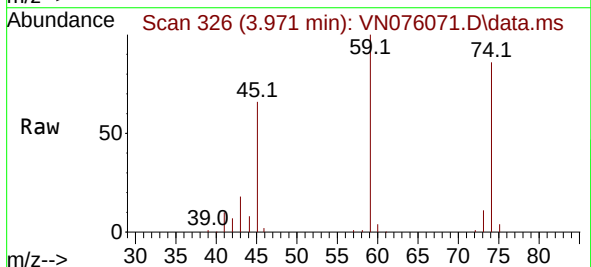
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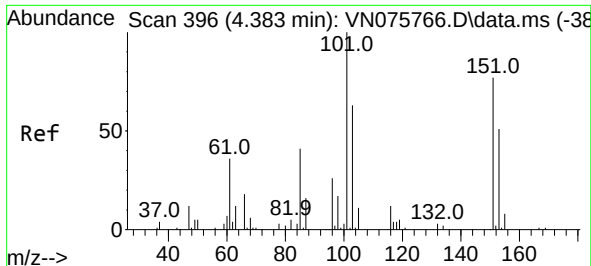
Reviewed By :John Carlone 01/04/2023
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#8
 Diethyl Ether
 Concen: 51.379 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VN076071.D
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Tgt Ion: 74 Resp: 99931
 Ion Ratio Lower Upper
 74 100
 45 75.6 37.8 113.4





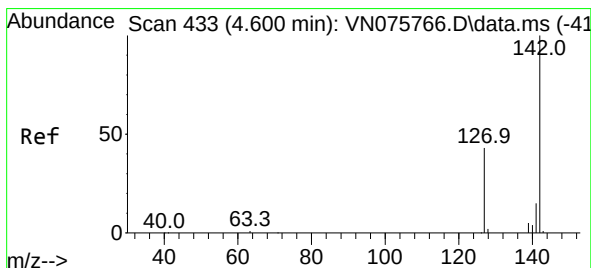
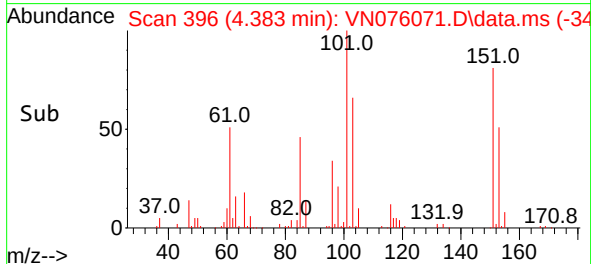
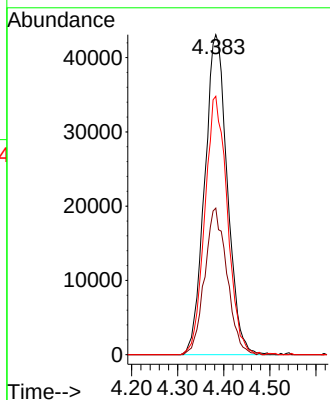
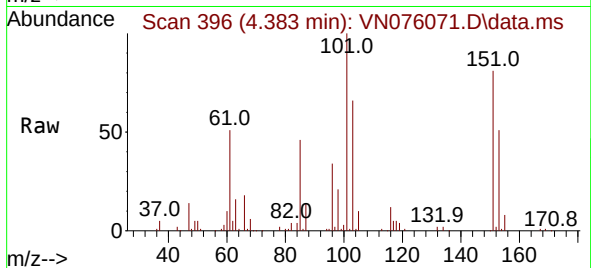
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.439 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 147292
Ion Ratio Lower Upper
101 100
85 45.1 35.3 52.9
151 80.3 65.6 98.4

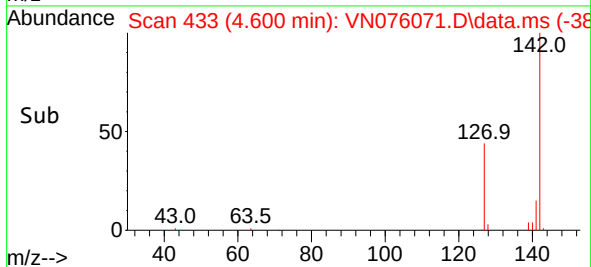
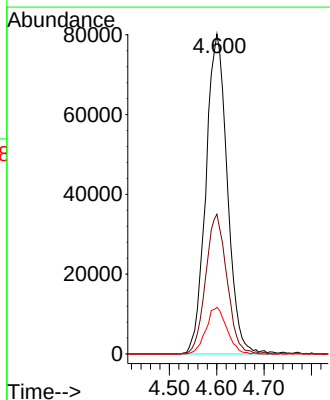
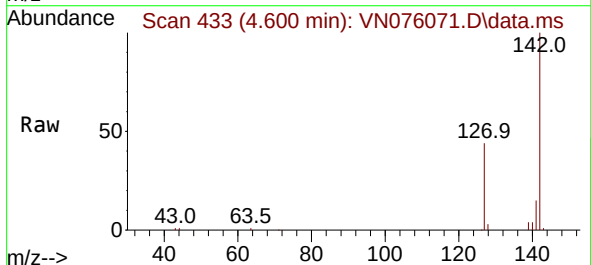
Manual Integrations
APPROVED

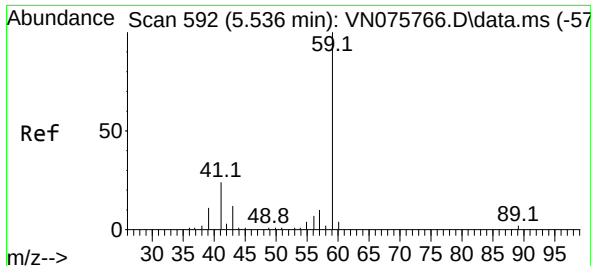
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#10
Methyl Iodide
Concen: 51.150 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Tgt Ion:142 Resp: 252416
Ion Ratio Lower Upper
142 100
127 43.3 34.7 52.1
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 251.505 ug/l

RT: 5.536 min Scan# 592

Delta R.T. -0.000 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 129009

Ion Ratio Lower Upper

59 100

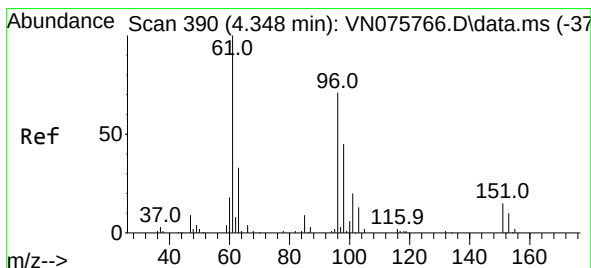
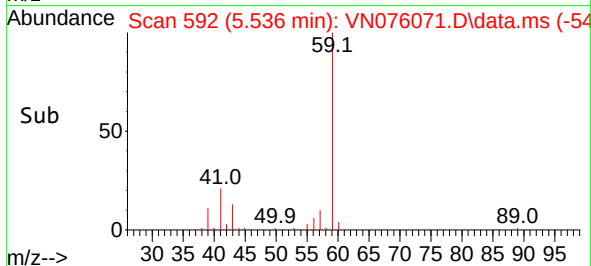
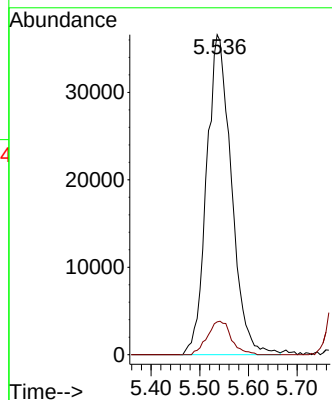
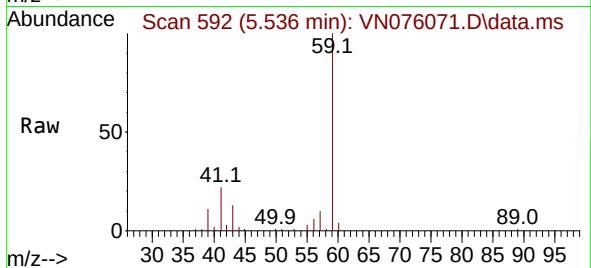
57 10.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#12

1,1-Dichloroethene

Concen: 49.288 ug/l

RT: 4.353 min Scan# 391

Delta R.T. 0.006 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

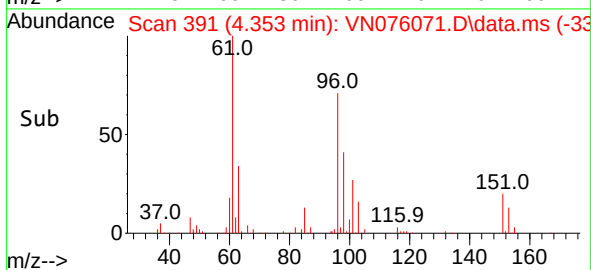
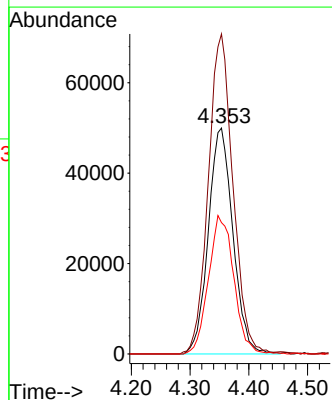
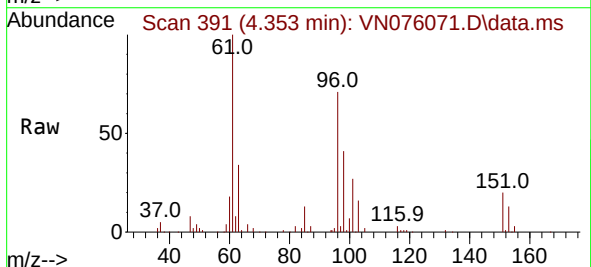
Tgt Ion: 96 Resp: 145560

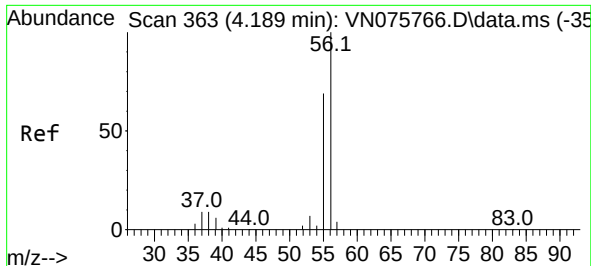
Ion Ratio Lower Upper

96 100

61 141.6 113.3 169.9

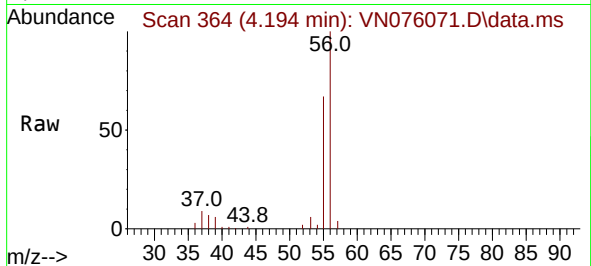
98 58.2 50.9 76.3





#13
Acrolein
Concen: 217.573 ug/l
RT: 4.194 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

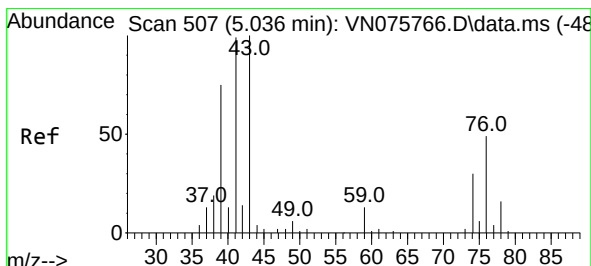
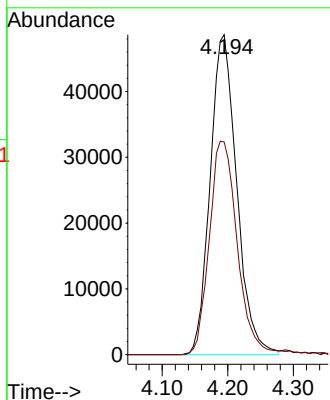
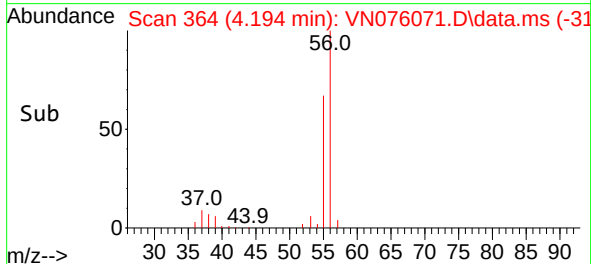
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 13682
Ion Ratio Lower Upper
56 100
55 70.7 54.8 82.2

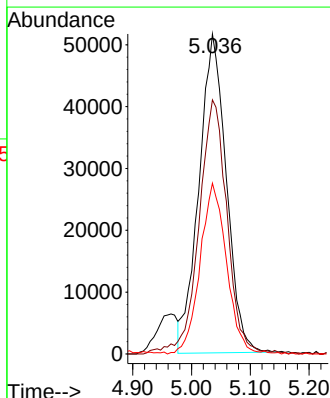
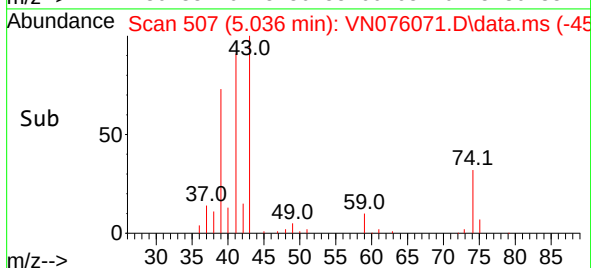
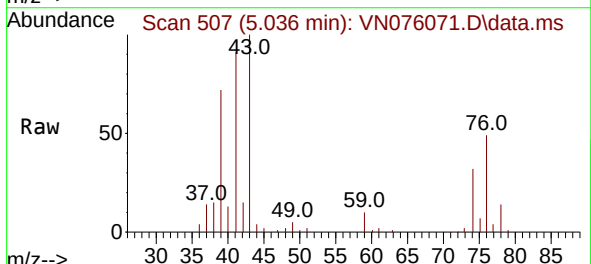
Manual Integrations
APPROVED

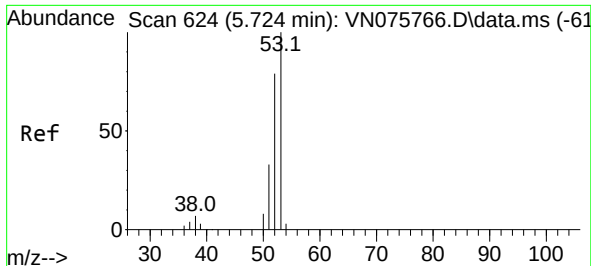
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#14
Allyl chloride
Concen: 48.308 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

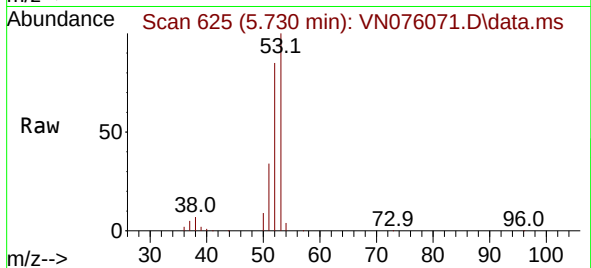
Tgt Ion: 41 Resp: 166778
Ion Ratio Lower Upper
41 100
39 81.8 58.3 87.5
76 51.8 35.8 53.6





#15
Acrylonitrile
Concen: 253.506 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

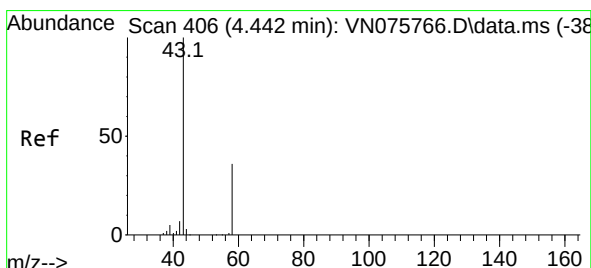
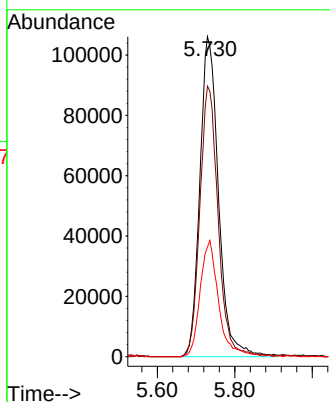
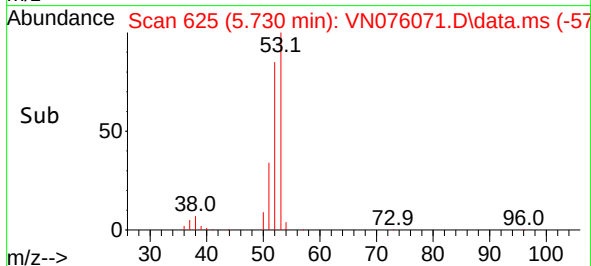
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 354860
Ion Ratio Lower Upper
53 100
52 82.7 65.4 98.0
51 35.9 28.9 43.3

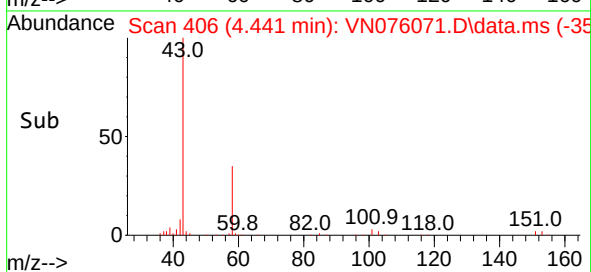
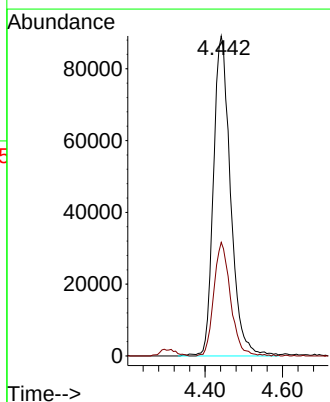
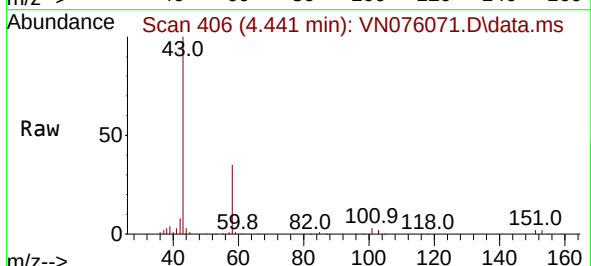
Manual Integrations
APPROVED

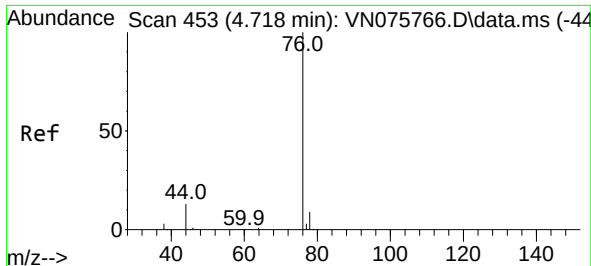
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#16
Acetone
Concen: 219.099 ug/l
RT: 4.441 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

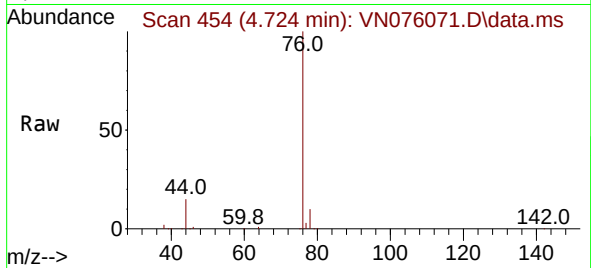
Tgt Ion: 43 Resp: 273796
Ion Ratio Lower Upper
43 100
58 35.3 28.6 43.0





#17
Carbon Disulfide
Concen: 48.830 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

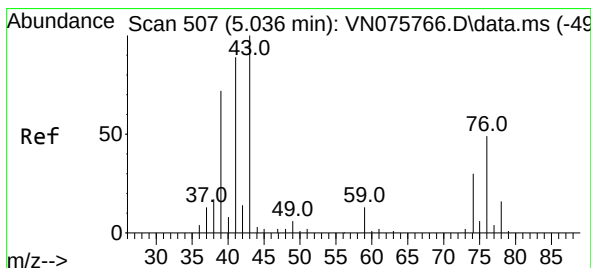
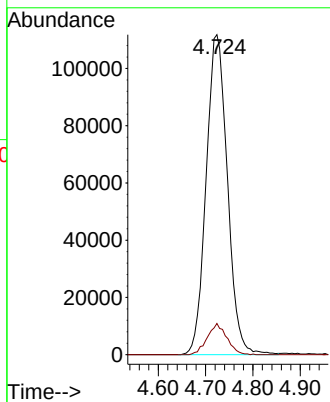
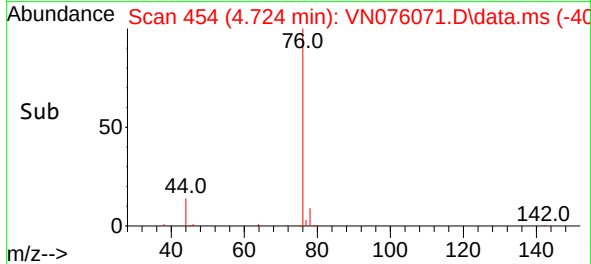
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 349160
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2

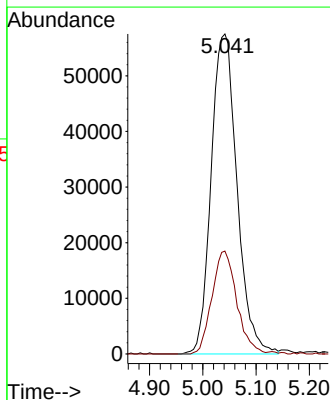
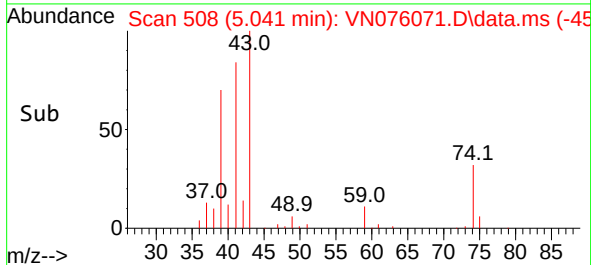
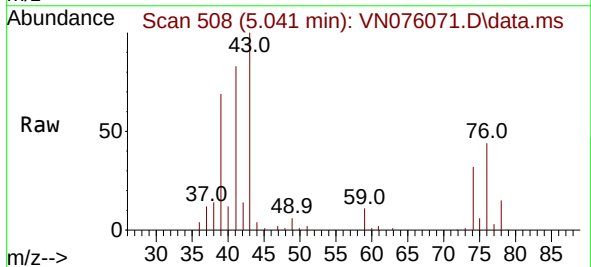
Manual Integrations
APPROVED

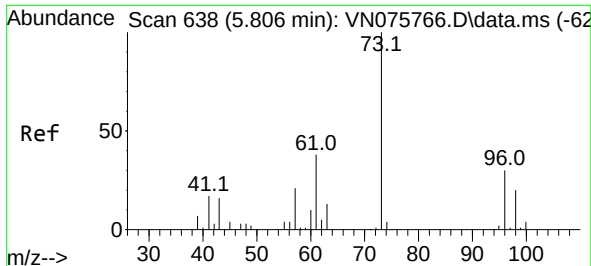
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#18
Methyl Acetate
Concen: 52.568 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Tgt Ion: 43 Resp: 194179
Ion Ratio Lower Upper
43 100
74 30.7 23.6 35.4





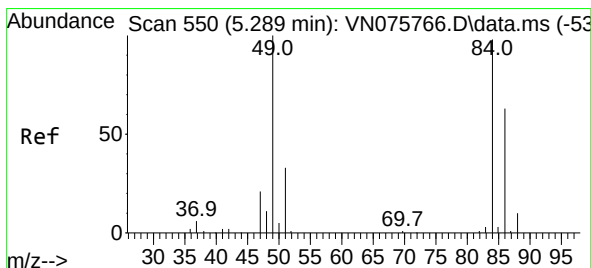
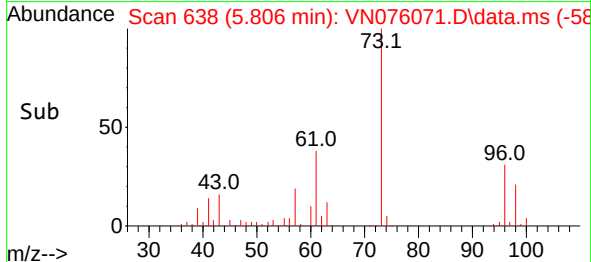
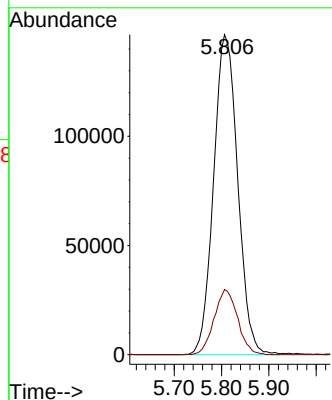
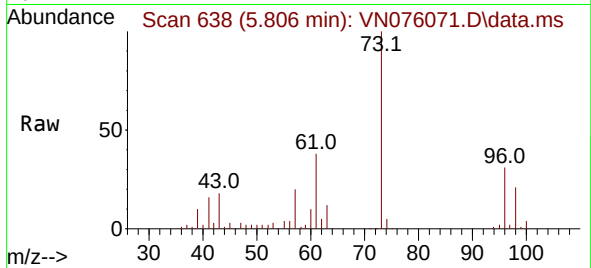
#19
Methyl tert-butyl Ether
Concen: 53.252 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 51789
Ion Ratio Lower Upper
73 100
57 20.4 17.1 25.7

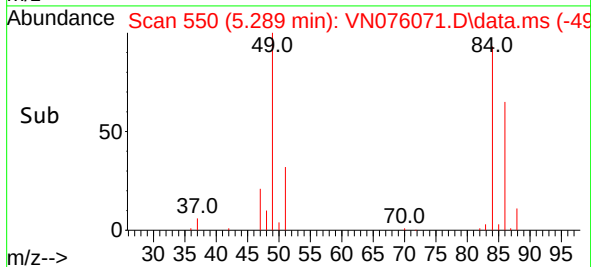
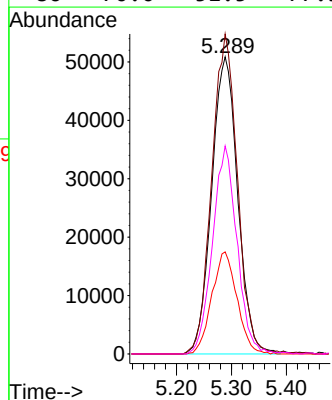
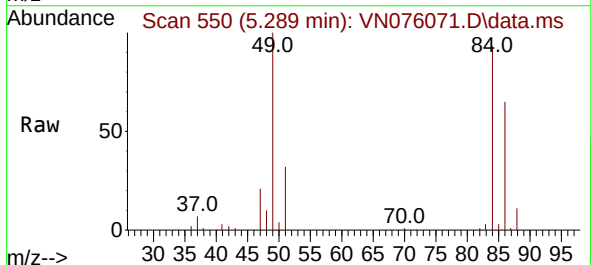
Manual Integrations
APPROVED

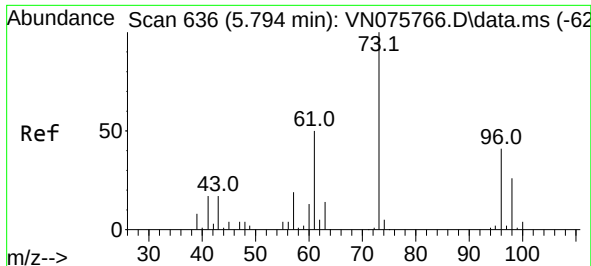
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#20
Methylene Chloride
Concen: 50.187 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

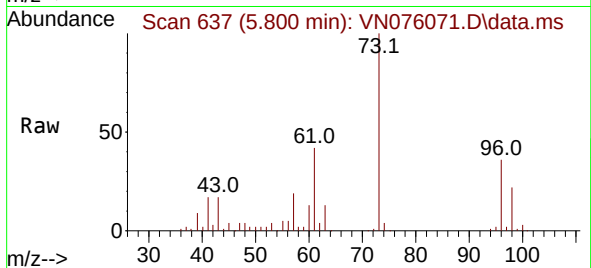
Tgt Ion: 84 Resp: 167761
Ion Ratio Lower Upper
84 100
49 107.7 81.8 122.6
51 34.3 26.7 40.1
86 70.0 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 47.442 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

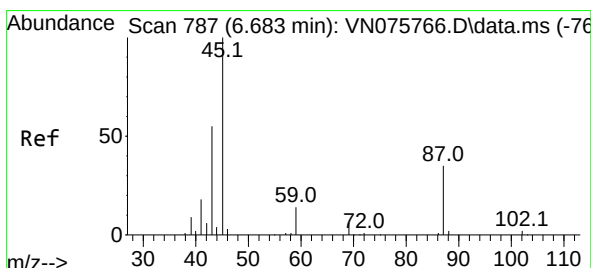
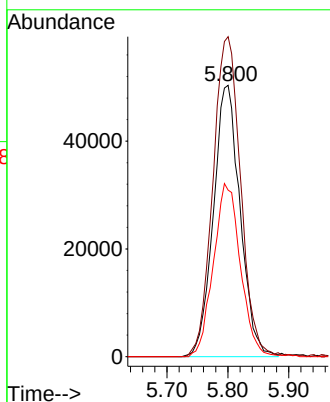
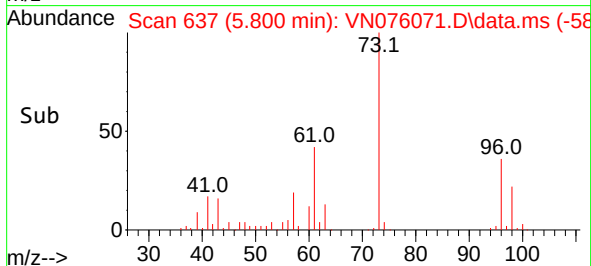
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



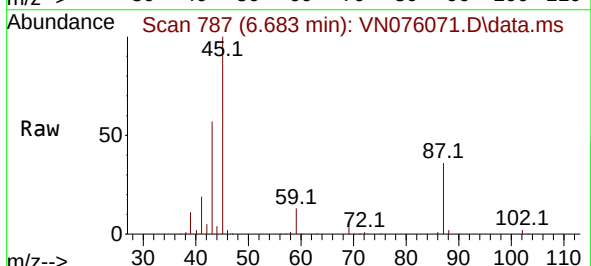
Tgt Ion: 96 Resp: 15344
Ion Ratio Lower Upper
96 100
61 118.0 98.1 147.1
98 61.4 51.4 77.2

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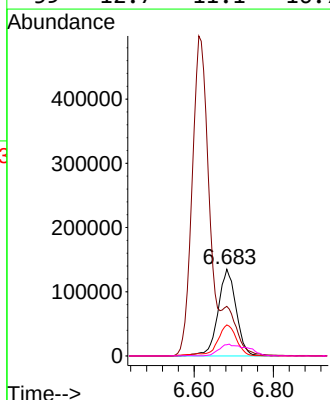
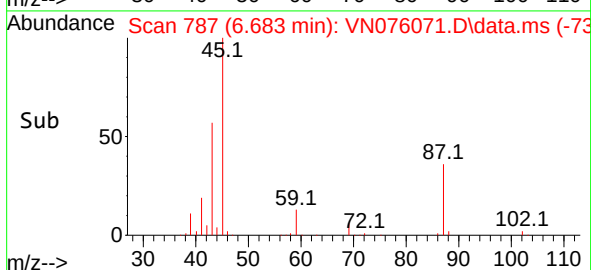
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

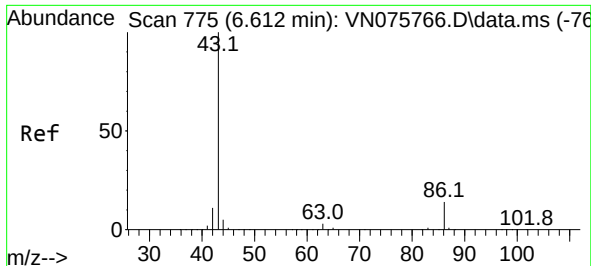


#22
Diisopropyl ether
Concen: 51.073 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39



Tgt Ion: 45 Resp: 428336
Ion Ratio Lower Upper
45 100
43 56.3 44.2 66.4
87 35.9 28.3 42.5
59 12.7 11.1 16.7





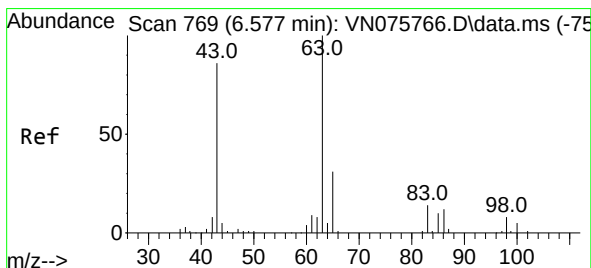
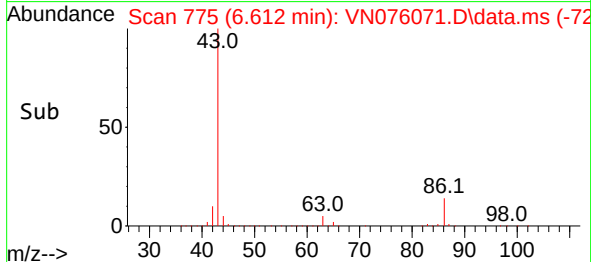
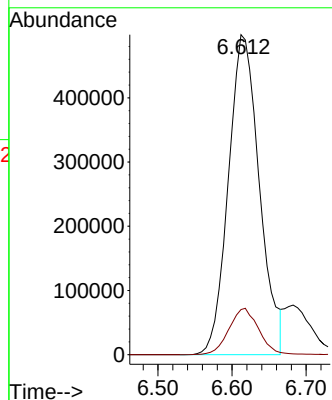
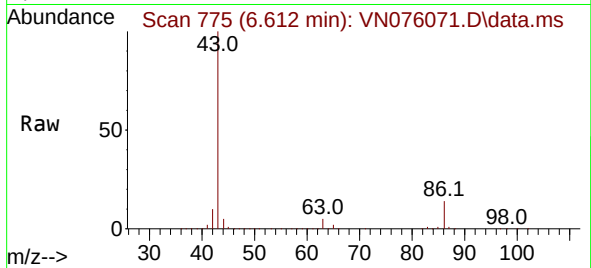
#23
 Vinyl Acetate
 Concen: 256.637 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076071.D
 Acq: 03 Jan 2023 18:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 144868
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.4 17.2

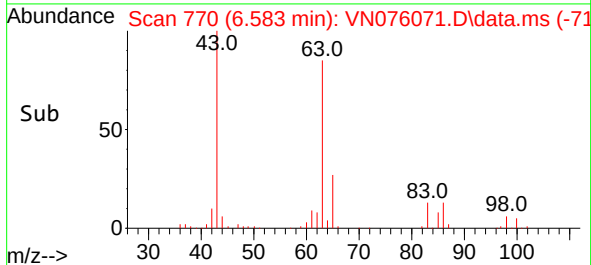
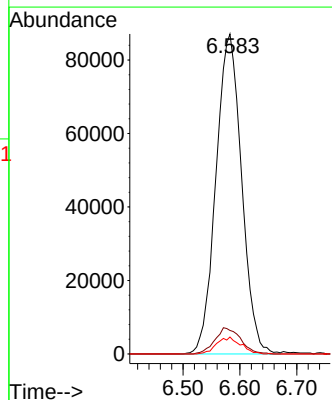
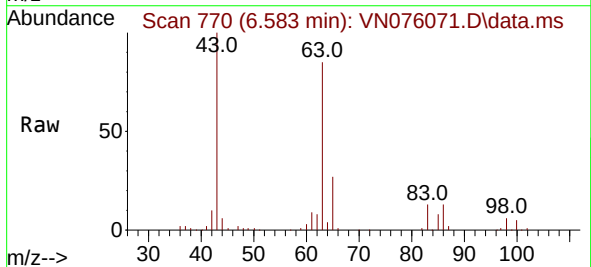
Manual Integrations
 APPROVED

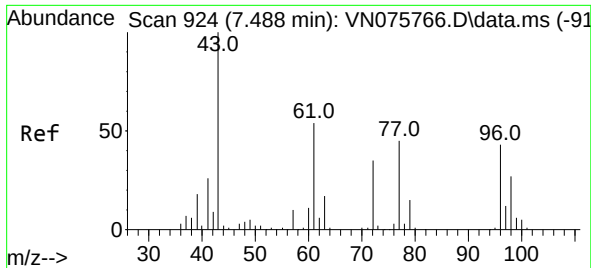
Reviewed By :John Carlone 01/04/2023
 Supervised By :Mahesh Dadoda 01/04/2023



#24
 1,1-Dichloroethane
 Concen: 48.842 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076071.D
 Acq: 03 Jan 2023 18:39

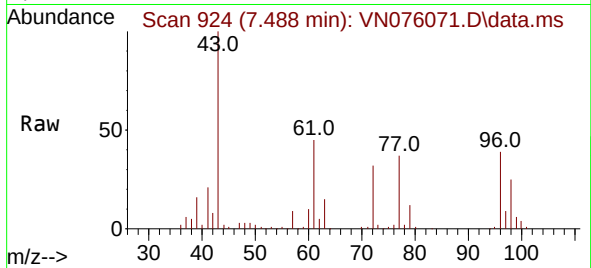
Tgt Ion: 63 Resp: 273183
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.5
 100 5.3 2.5 7.6





#25
2-Butanone
Concen: 252.568 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

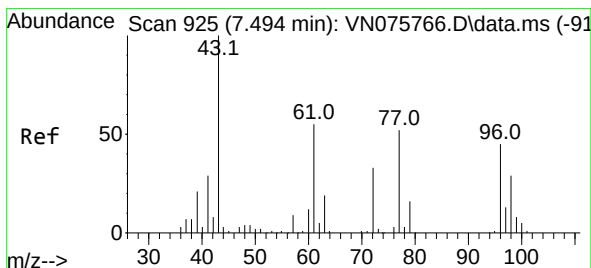
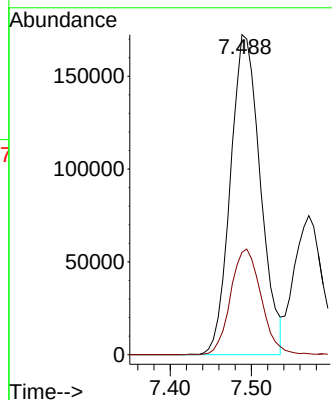
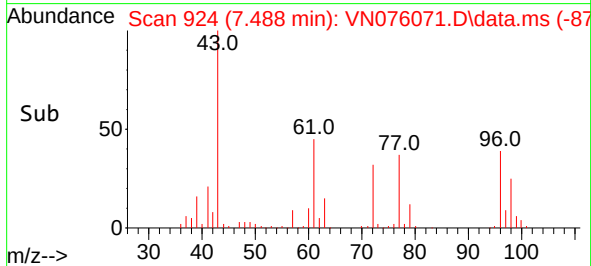
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



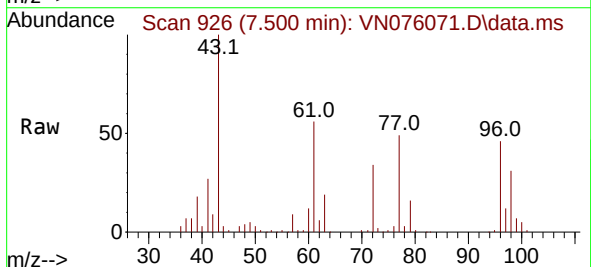
Tgt Ion: 43 Resp: 441920
Ion Ratio Lower Upper
43 100
72 32.0 28.0 42.0

Manual Integrations
APPROVED

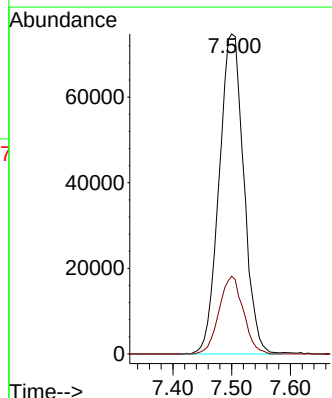
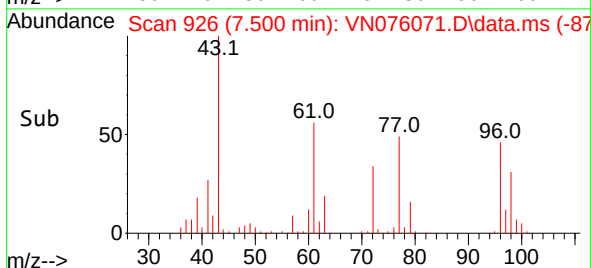
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

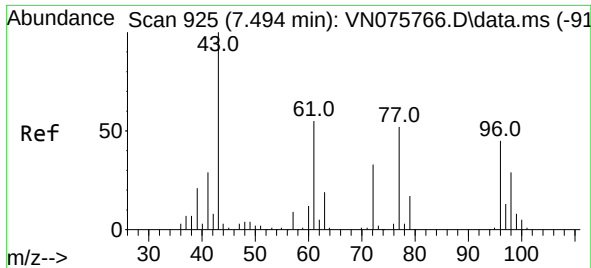


#26
2,2-Dichloropropane
Concen: 45.937 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39



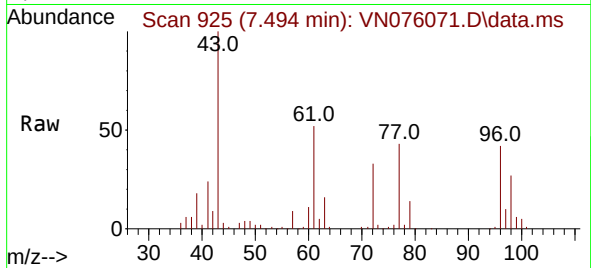
Tgt Ion: 77 Resp: 217587
Ion Ratio Lower Upper
77 100
97 23.8 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 48.913 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN076071.D
 Acq: 03 Jan 2023 18:39

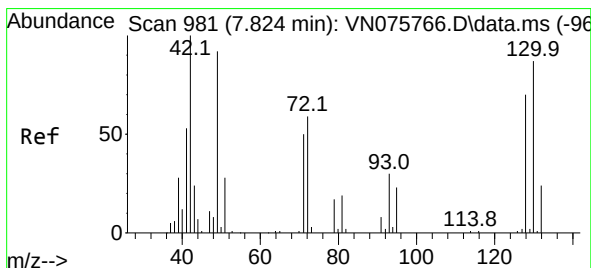
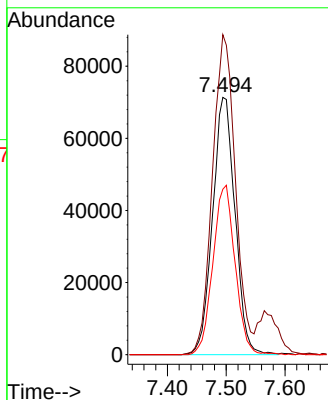
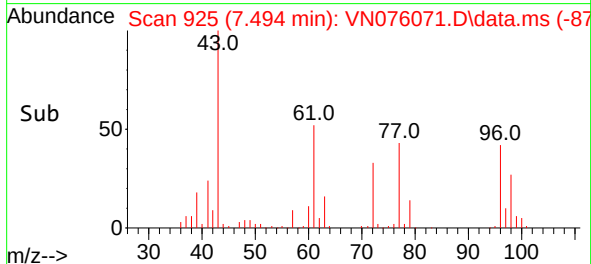
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 18920
 Ion Ratio Lower Upper
 96 100
 61 127.3 0.0 247.8
 98 65.3 0.0 128.4

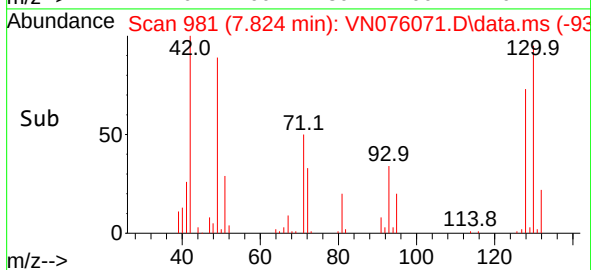
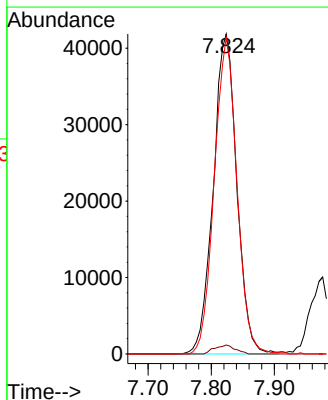
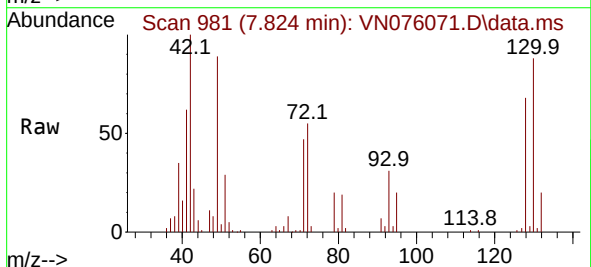
Manual Integrations
 APPROVED

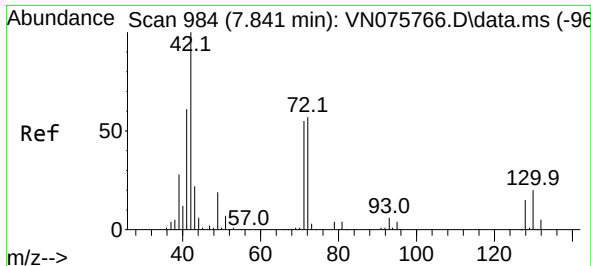
Reviewed By :John Carlone 01/04/2023
 Supervised By :Mahesh Dadoda 01/04/2023



#28
 Bromochloromethane
 Concen: 44.066 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076071.D
 Acq: 03 Jan 2023 18:39

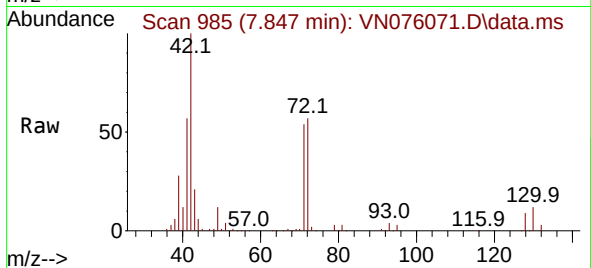
Tgt Ion: 49 Resp: 108028
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.0
 130 95.3 77.0 115.4





#29
Tetrahydrofuran
Concen: 270.739 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

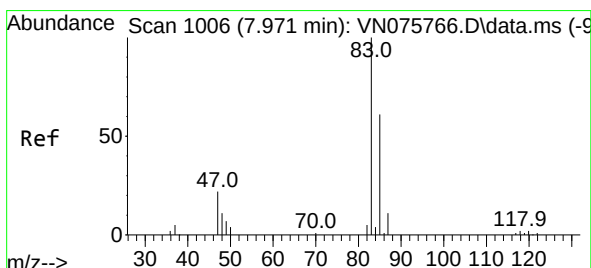
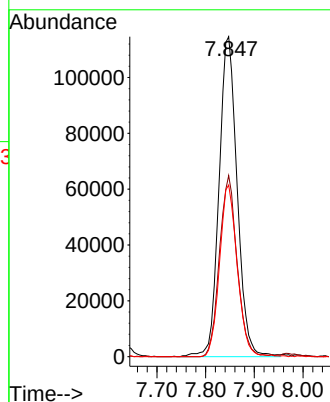
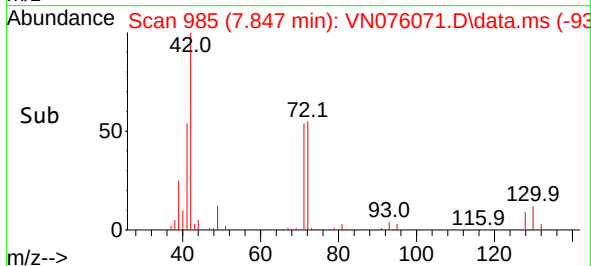
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 296868
Ion Ratio Lower Upper
42 100
72 55.1 44.5 66.7
71 52.4 41.0 61.6

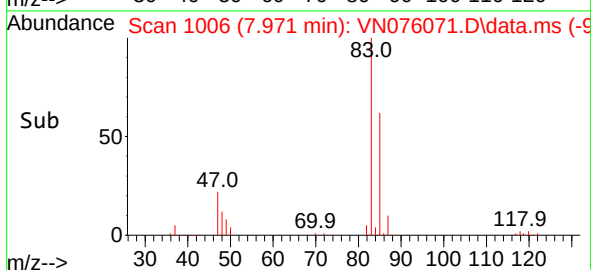
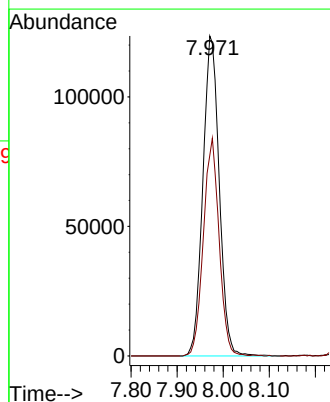
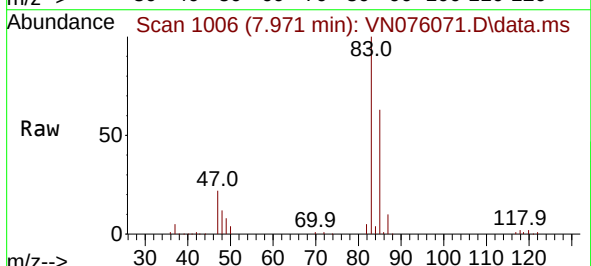
Manual Integrations
APPROVED

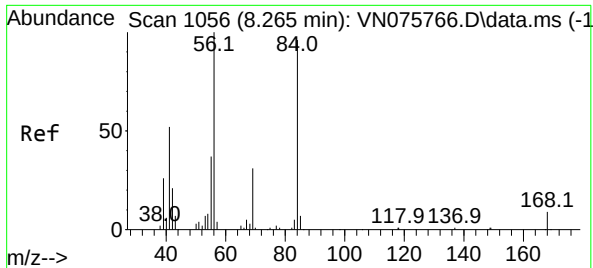
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#30
Chloroform
Concen: 48.551 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

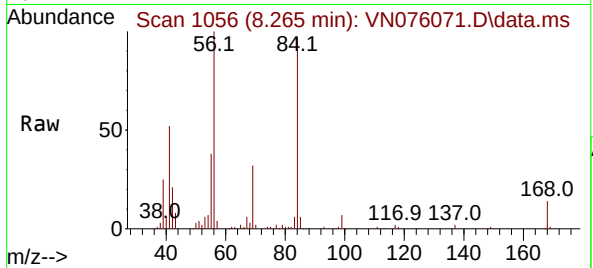
Tgt Ion: 83 Resp: 305748
Ion Ratio Lower Upper
83 100
85 62.7 49.1 73.7





#31
Cyclohexane
Concen: 45.140 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

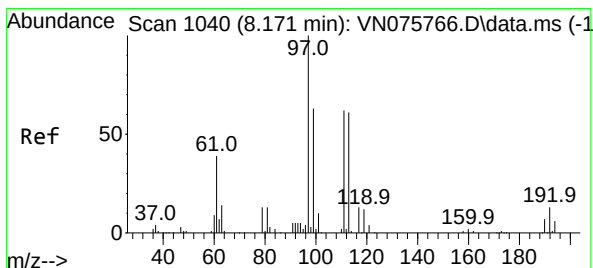
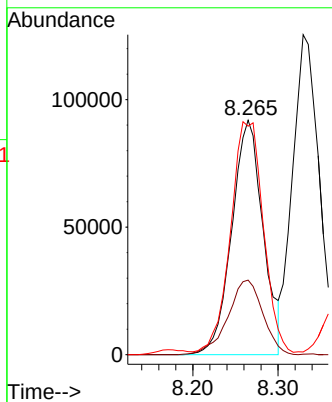
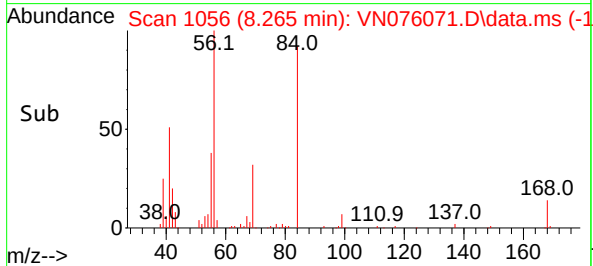
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



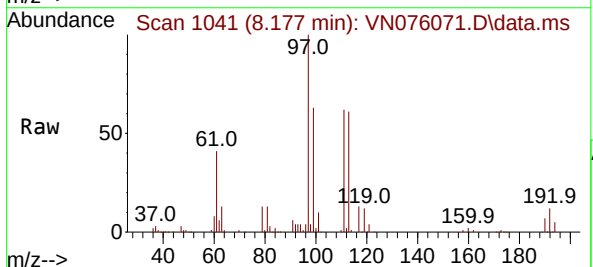
Tgt Ion: 56 Resp: 234358
Ion Ratio Lower Upper
56 100
69 31.8 24.7 37.1
84 95.8 76.5 114.7

Manual Integrations
APPROVED

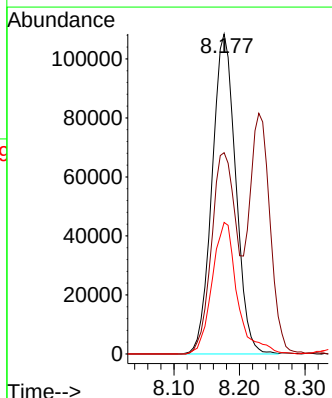
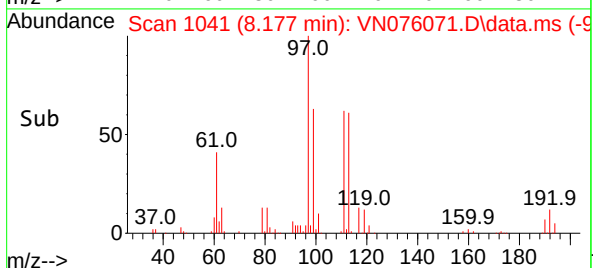
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

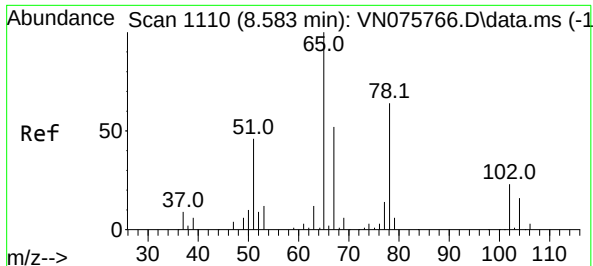


#32
1,1,1-Trichloroethane
Concen: 48.571 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39



Tgt Ion: 97 Resp: 271172
Ion Ratio Lower Upper
97 100
99 67.9 50.2 75.2
61 43.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.298 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 178710

Ion Ratio Lower Upper

65 100

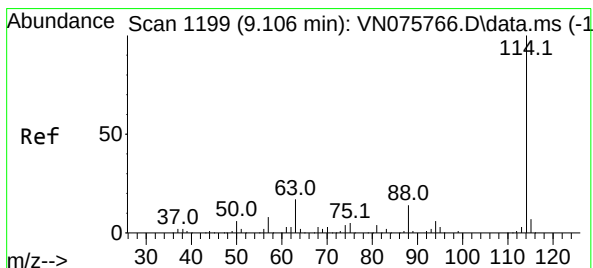
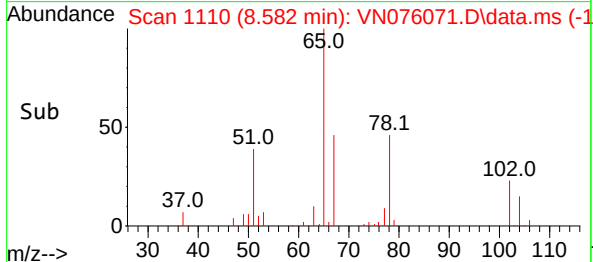
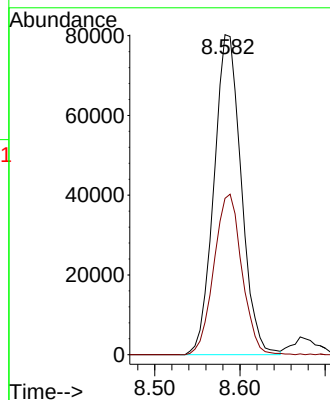
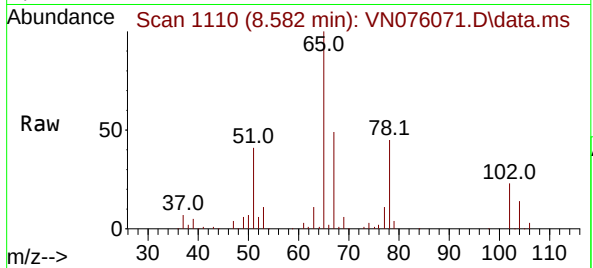
67 51.3 0.0 103.4

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: VN076071.D

Acq: 03 Jan 2023 18:39

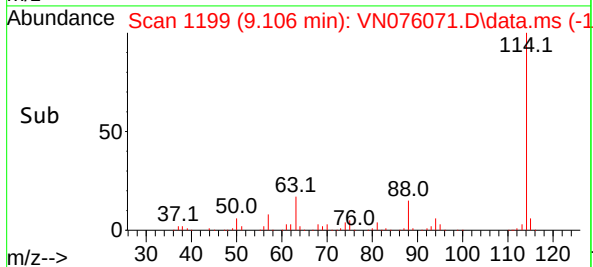
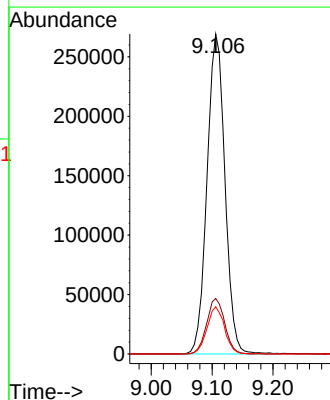
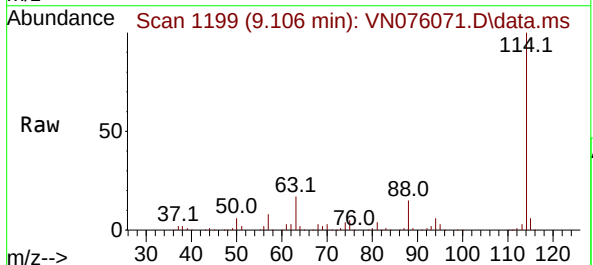
Tgt Ion:114 Resp: 550787

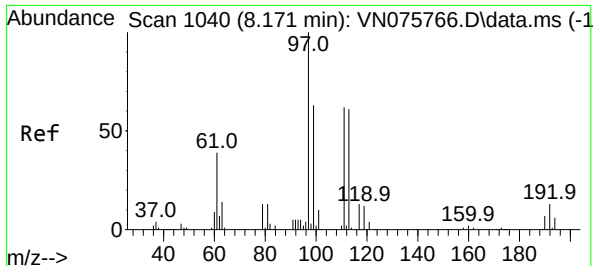
Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.349 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076071.D

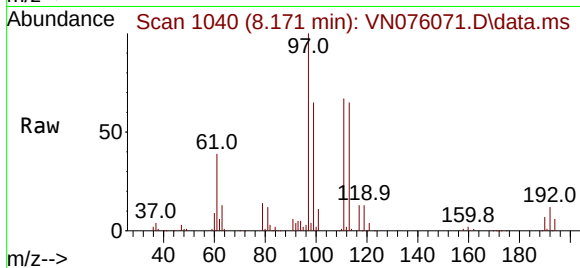
Acq: 03 Jan 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



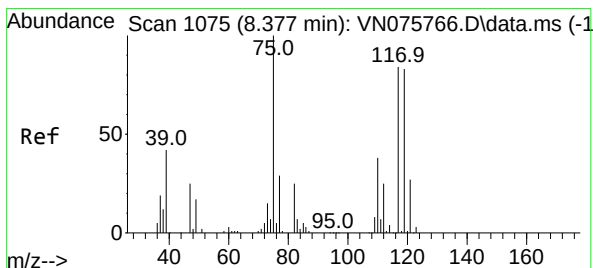
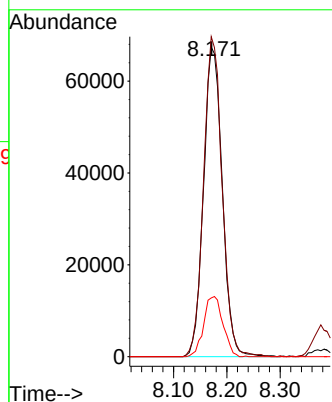
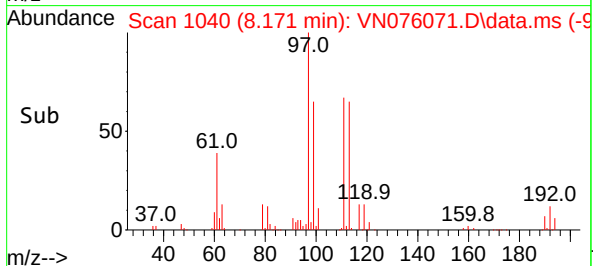
Tgt Ion:	113	Resp:	164910
Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.4	125.2
192	19.9	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#36

1,1-Dichloropropene

Concen: 46.689 ug/l

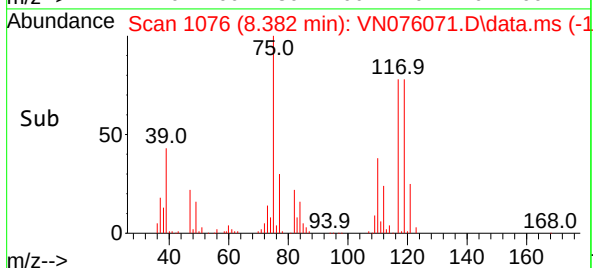
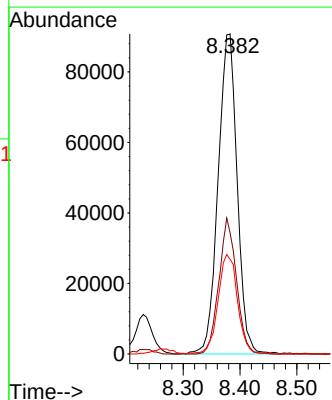
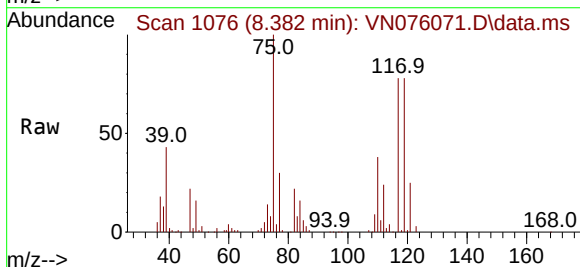
RT: 8.382 min Scan# 1076

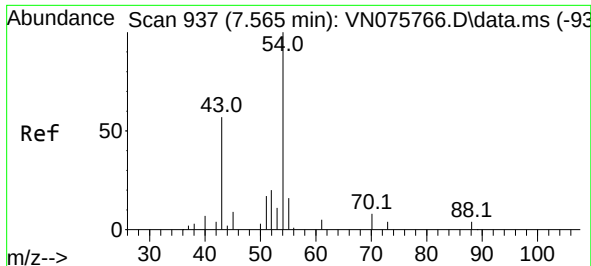
Delta R.T. 0.006 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Tgt Ion:	75	Resp:	211550
Ion	Ratio	Lower	Upper
75	100		
110	39.1	18.8	56.4
77	31.8	24.1	36.1





#37

Ethyl Acetate

Concen: 51.833 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 188650

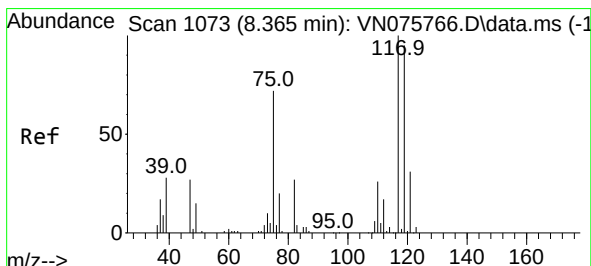
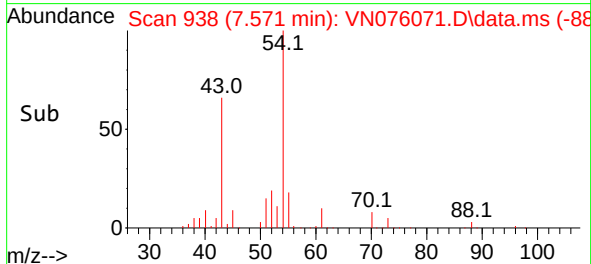
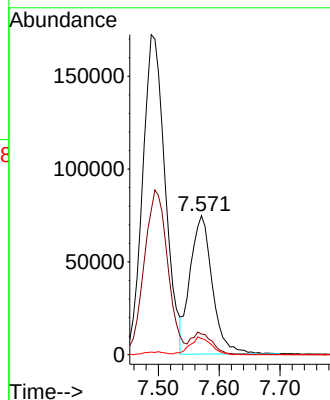
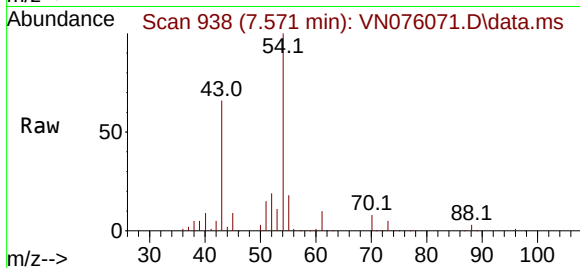
Ion	Ratio	Lower	Upper
43	100		
61	14.4	13.0	19.4
70	12.2	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#38

Carbon Tetrachloride

Concen: 47.838 ug/l

RT: 8.371 min Scan# 1074

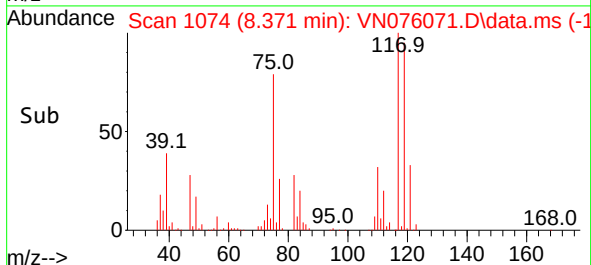
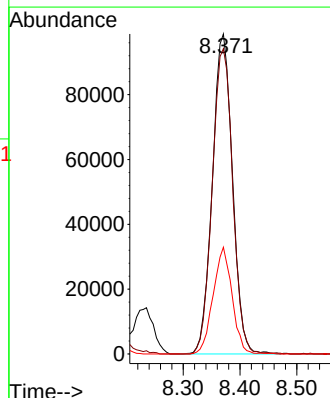
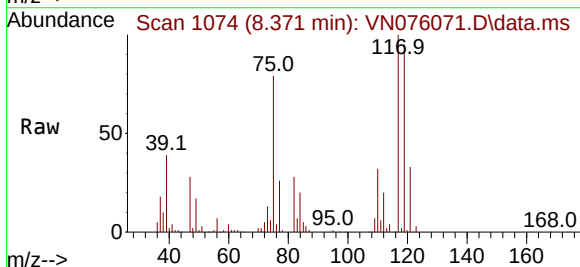
Delta R.T. 0.006 min

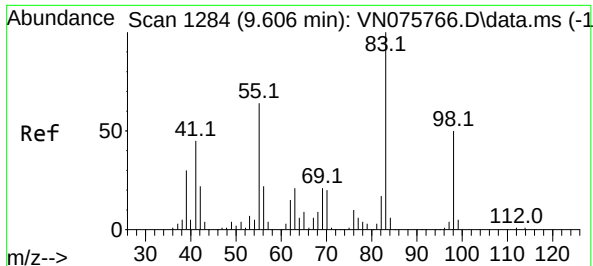
Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Tgt Ion:117 Resp: 242600

Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.1	114.1
121	33.3	24.5	36.7





#39

Methylcyclohexane

Concen: 49.717 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. -0.000 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 271770

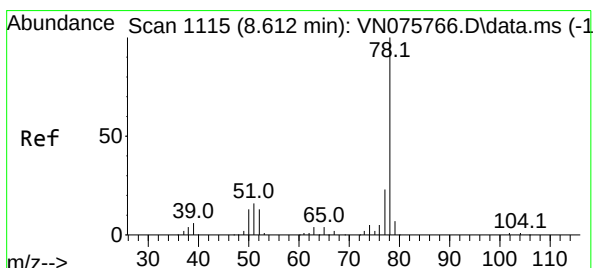
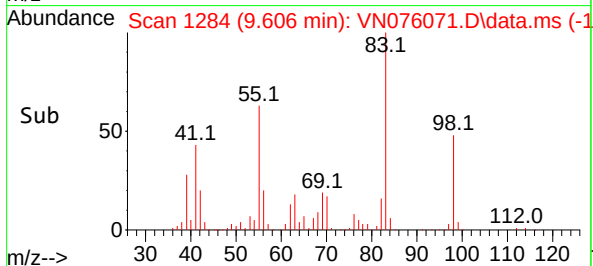
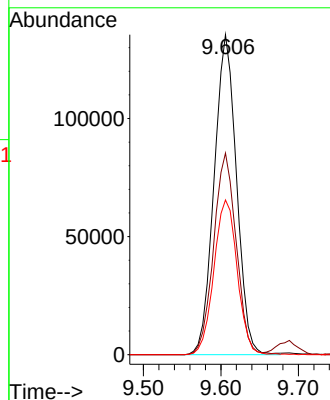
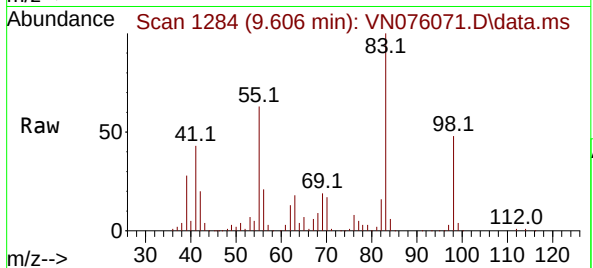
Ion	Ratio	Lower	Upper
83	100		
55	63.0	51.4	77.0
98	48.4	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#40

Benzene

Concen: 48.214 ug/l

RT: 8.612 min Scan# 1115

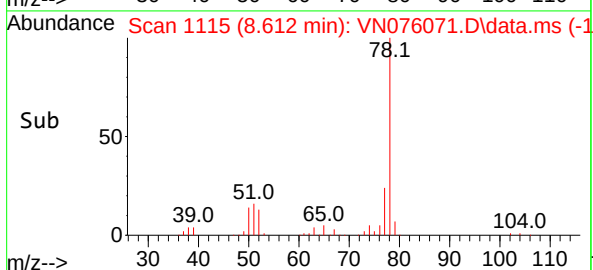
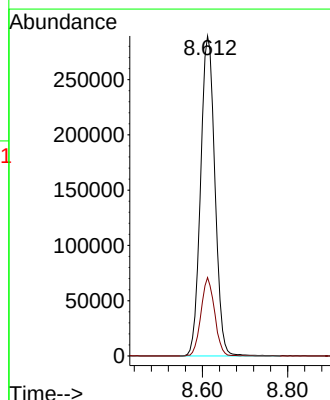
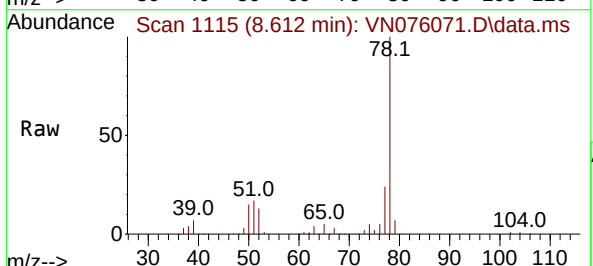
Delta R.T. -0.000 min

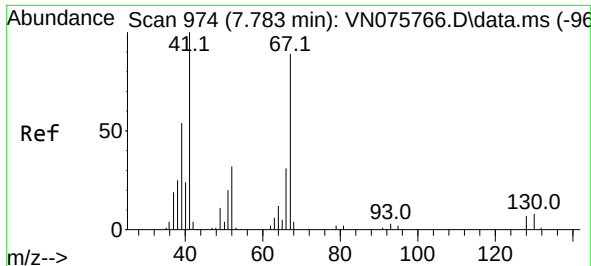
Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Tgt Ion: 78 Resp: 674031

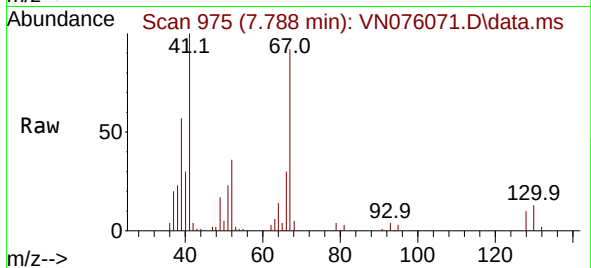
Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.5	27.7





#41
Methacrylonitrile
Concen: 51.406 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

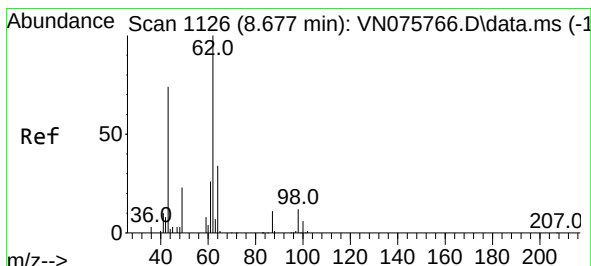
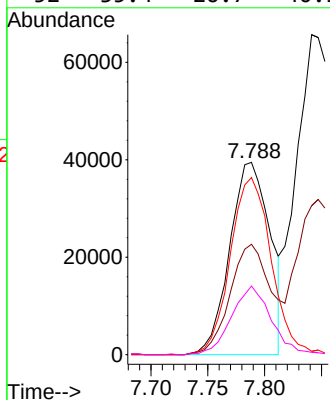
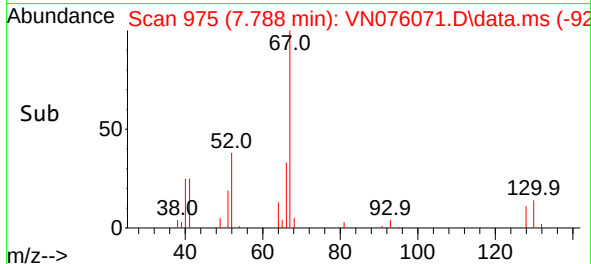
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



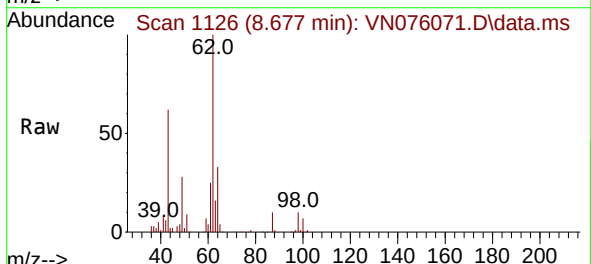
Tgt Ion: 41 Resp: 9725
Ion Ratio Lower Upper
41 100
39 60.2 43.1 64.7
67 93.9 70.7 106.1
52 35.4 26.7 40.1

Manual Integrations
APPROVED

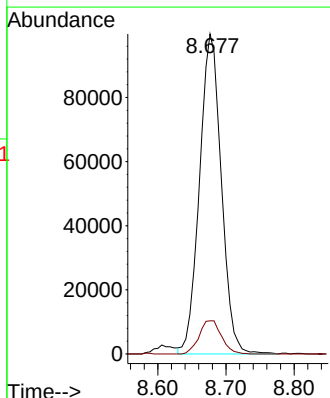
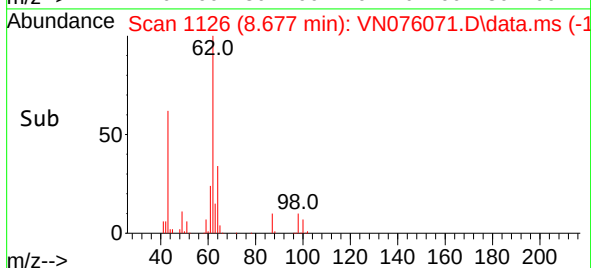
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

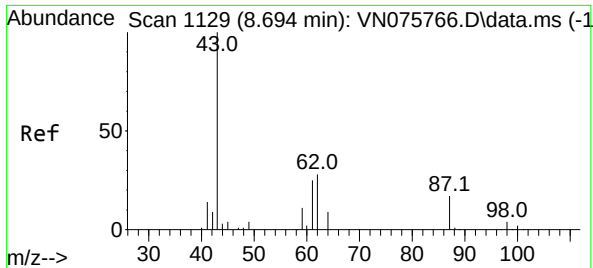


#42
1,2-Dichloroethane
Concen: 47.832 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39



Tgt Ion: 62 Resp: 222311
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.8





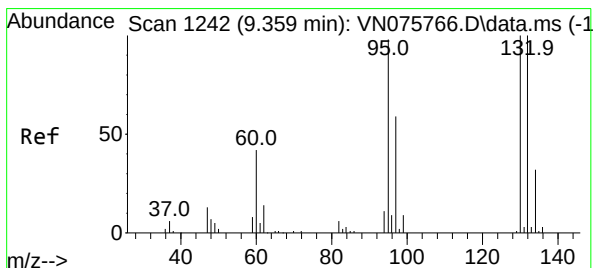
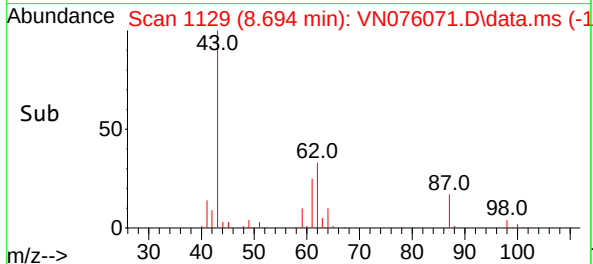
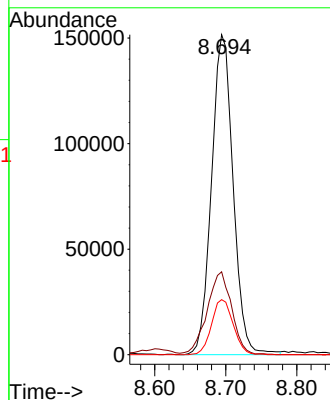
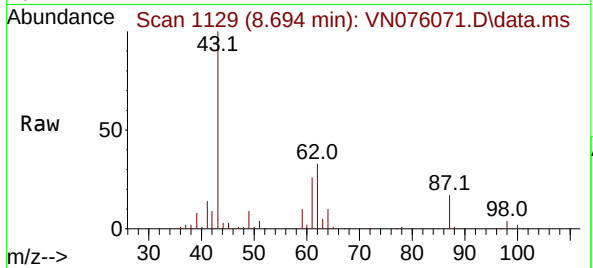
#43
Isopropyl Acetate
Concen: 53.319 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 32011
Ion Ratio Lower Upper
43 100
61 29.6 24.2 36.4
87 17.2 13.3 19.9

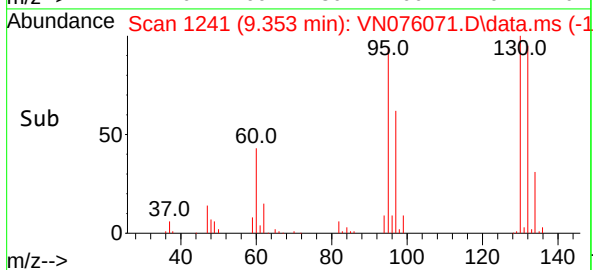
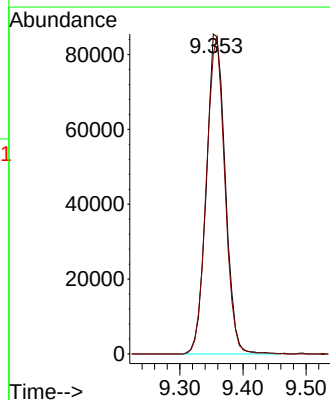
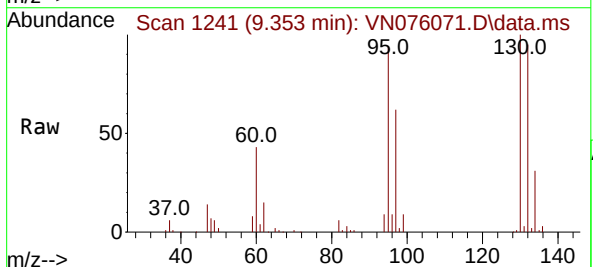
Manual Integrations
APPROVED

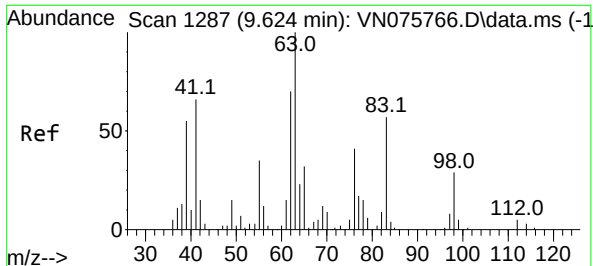
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#44
Trichloroethene
Concen: 45.071 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Tgt Ion:130 Resp: 177509
Ion Ratio Lower Upper
130 100
95 93.8 0.0 195.4





#45

1,2-Dichloropropane

Concen: 46.422 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 157920

Ion Ratio Lower Upper

63 100

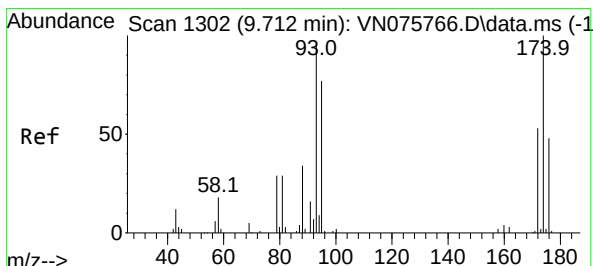
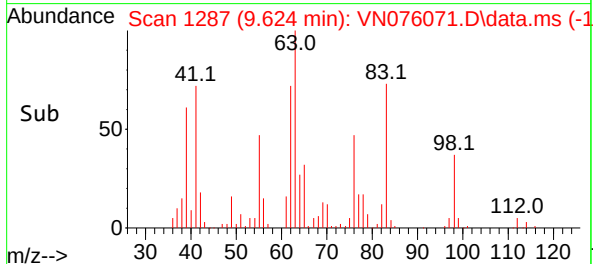
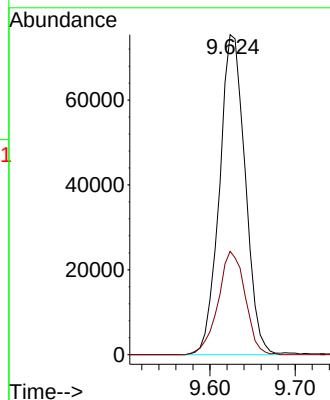
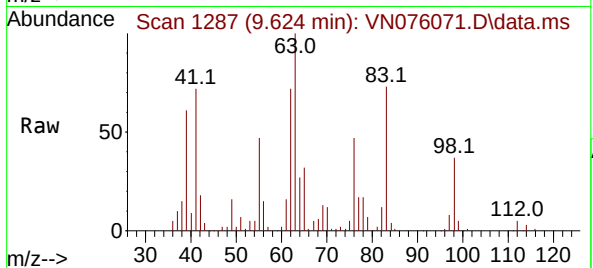
65 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#46

Dibromomethane

Concen: 49.523 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

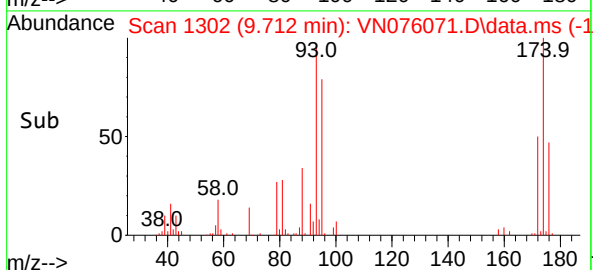
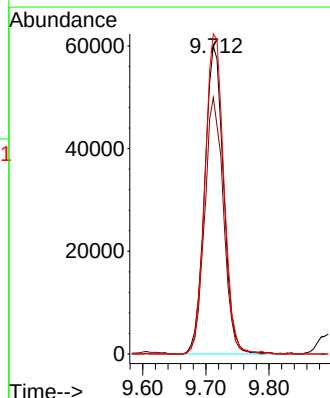
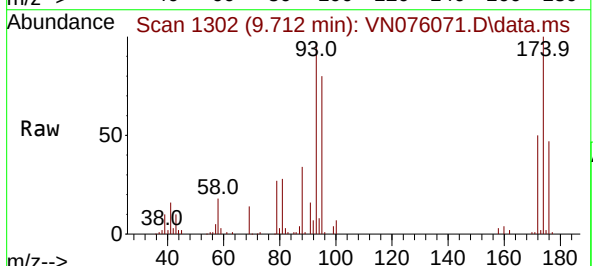
Tgt Ion: 93 Resp: 124958

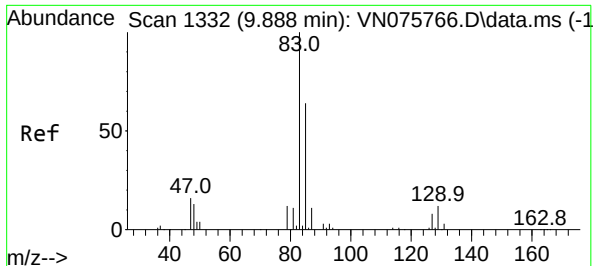
Ion Ratio Lower Upper

93 100

95 82.3 65.2 97.8

174 103.3 82.4 123.6





#47

Bromodichloromethane

Concen: 47.890 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 23696

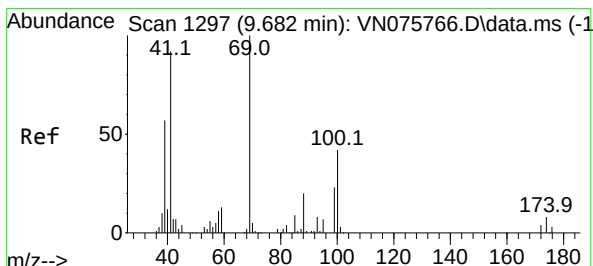
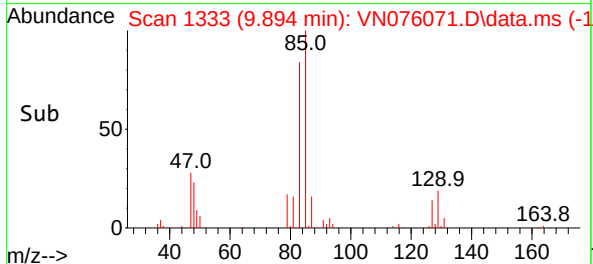
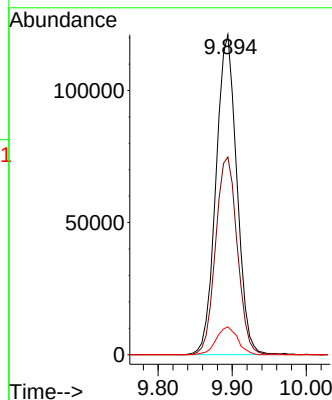
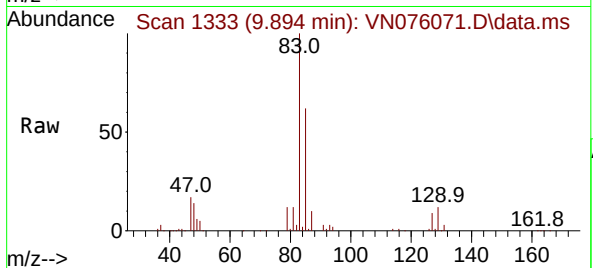
Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.5	77.3
127	8.7	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#48

Methyl methacrylate

Concen: 53.881 ug/l

RT: 9.682 min Scan# 1297

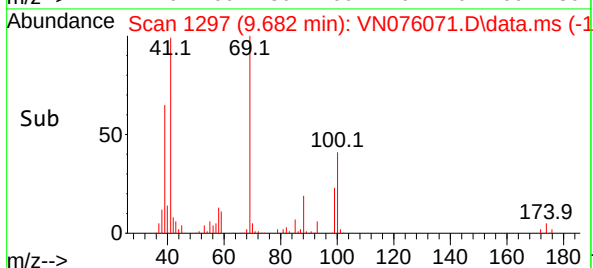
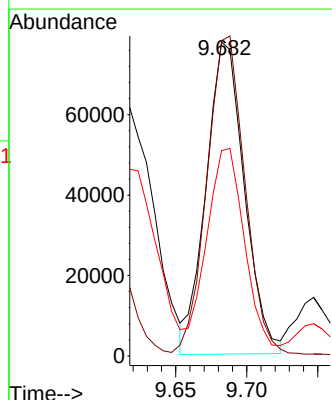
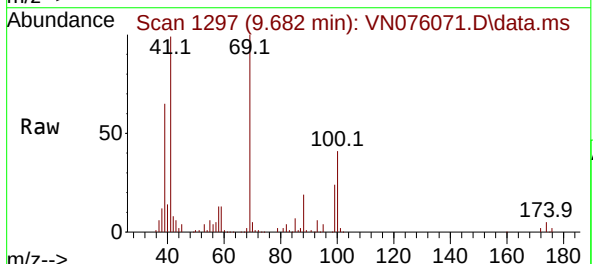
Delta R.T. -0.000 min

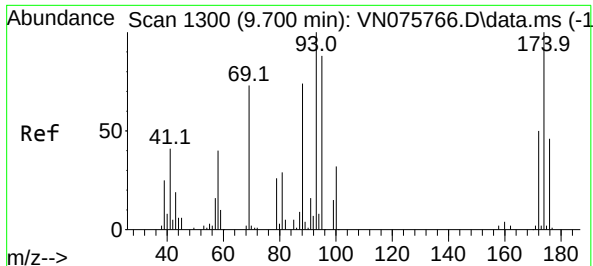
Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Tgt Ion: 41 Resp: 145696

Ion	Ratio	Lower	Upper
41	100		
69	102.9	81.9	122.9
39	67.4	51.6	77.4





#49

1,4-Dioxane

Concen: 1033.707 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 68718

Ion Ratio Lower Upper

88 100

43 24.5 17.1 25.7

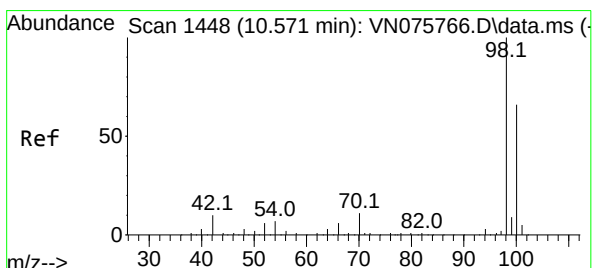
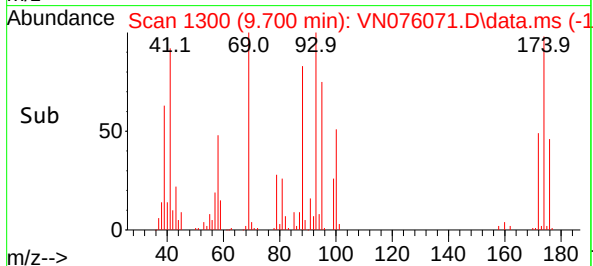
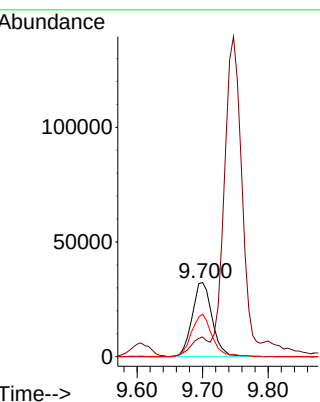
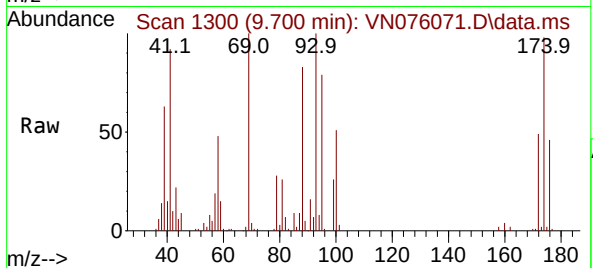
58 58.8 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#50

Toluene-d8

Concen: 45.648 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076071.D

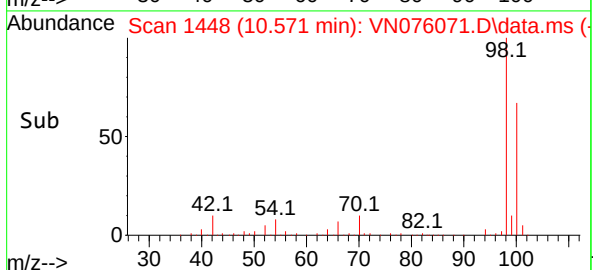
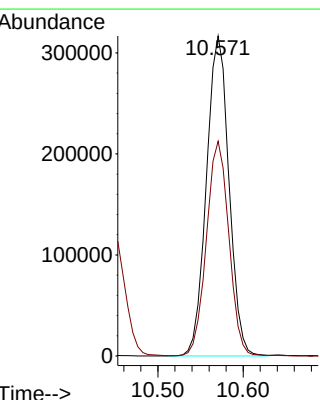
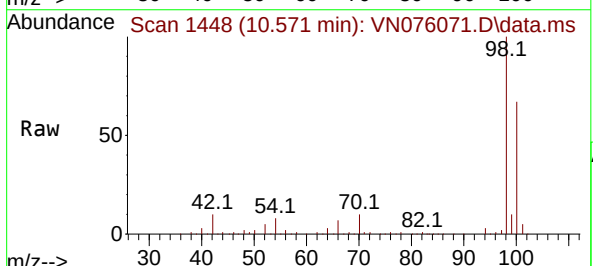
Acq: 03 Jan 2023 18:39

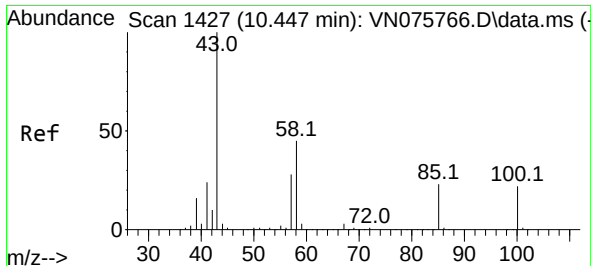
Tgt Ion: 98 Resp: 582161

Ion Ratio Lower Upper

98 100

100 66.9 52.1 78.1





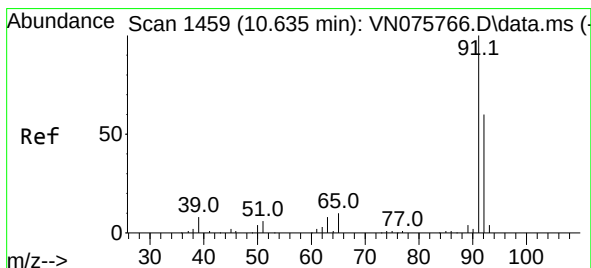
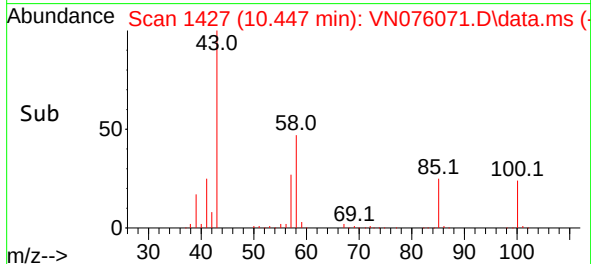
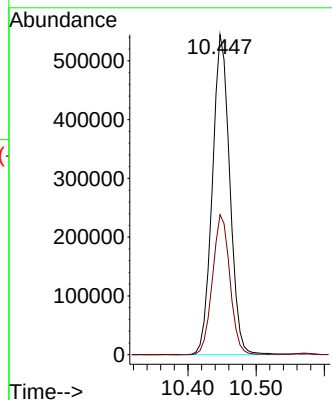
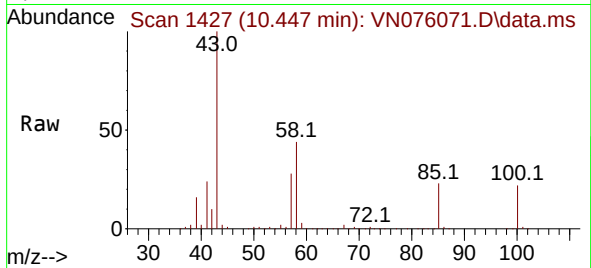
#51
4-Methyl-2-Pentanone
Concen: 267.197 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 970140
Ion Ratio Lower Upper
43 100
58 43.8 35.5 53.3

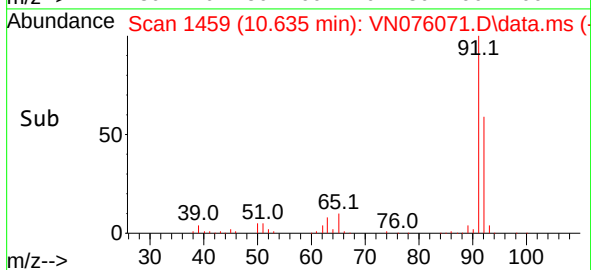
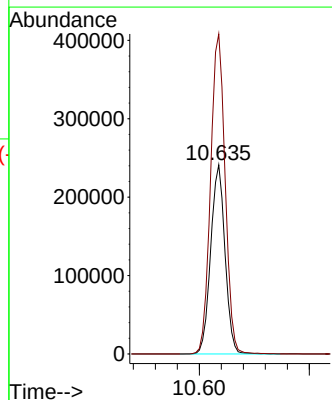
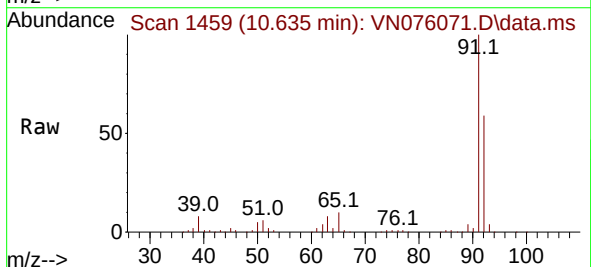
Manual Integrations
APPROVED

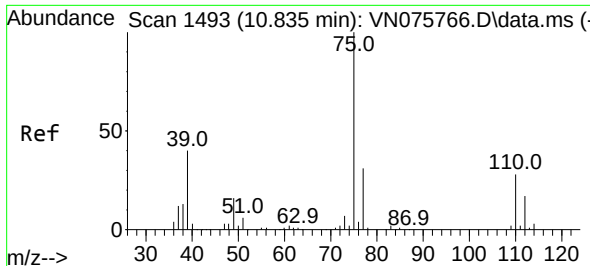
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#52
Toluene
Concen: 47.798 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Tgt Ion: 92 Resp: 435195
Ion Ratio Lower Upper
92 100
91 172.5 137.3 205.9





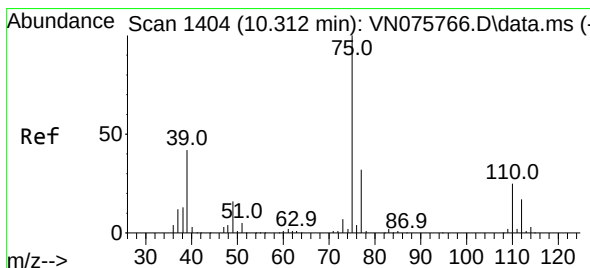
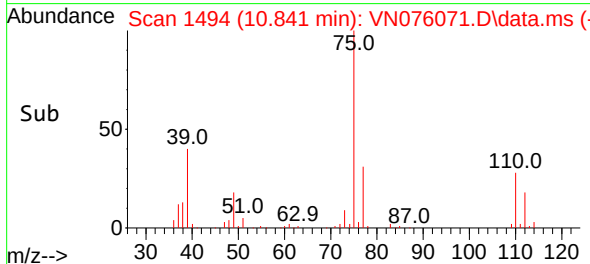
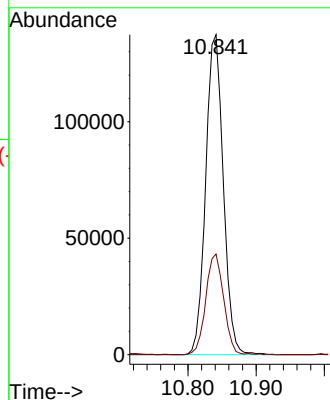
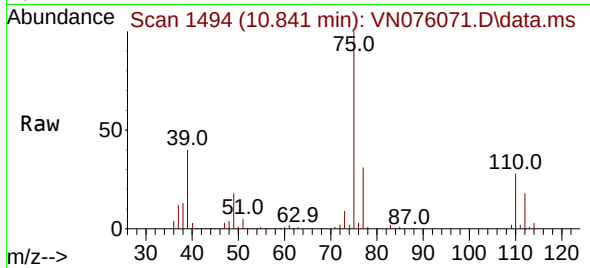
#53
 t-1,3-Dichloropropene
 Concen: 50.971 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN076071.D
 Acq: 03 Jan 2023 18:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 24688
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.9 37.3

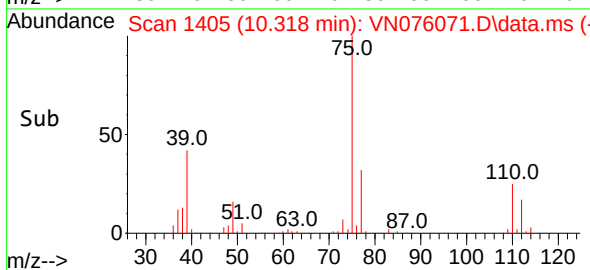
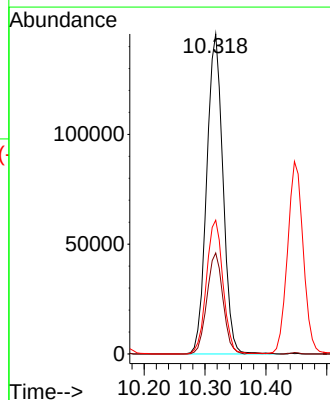
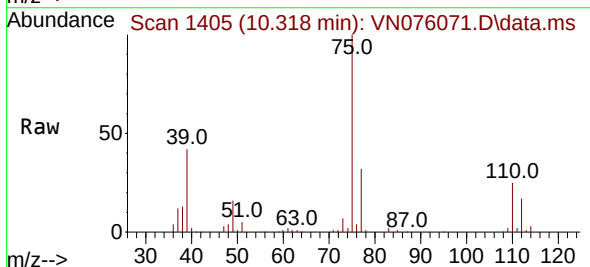
Manual Integrations
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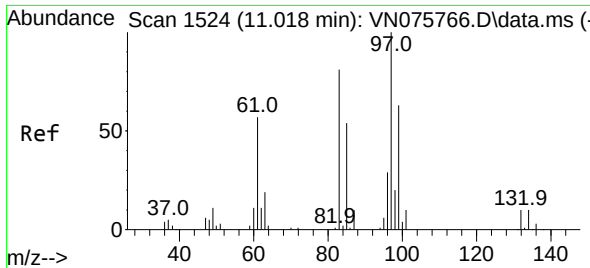
Reviewed By :John Carlone 01/04/2023
 Supervised By :Mahesh Dadoda 01/04/2023



#54
 cis-1,3-Dichloropropene
 Concen: 50.807 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076071.D
 Acq: 03 Jan 2023 18:39

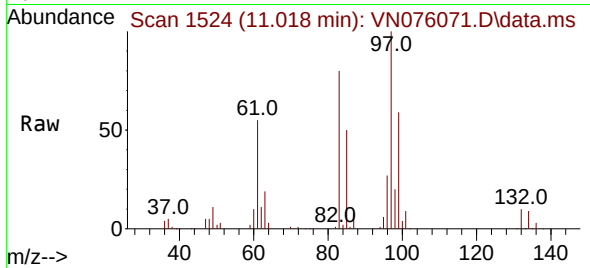
Tgt Ion: 75 Resp: 270196
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8
 39 41.8 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 49.594 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

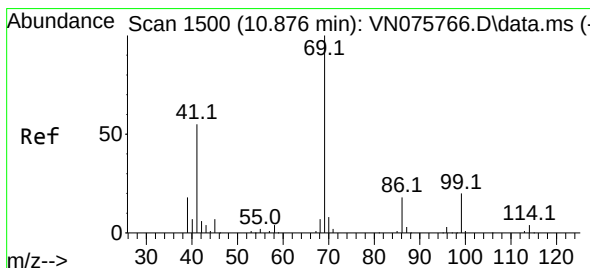
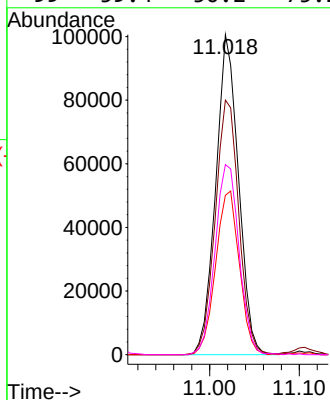
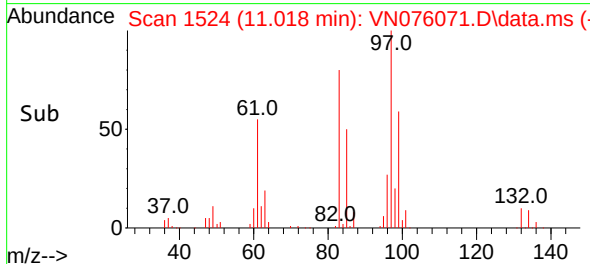
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



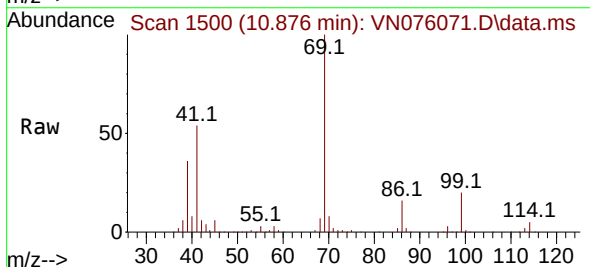
Tgt Ion: 97 Resp: 17723
Ion Ratio Lower Upper
97 100
83 79.5 65.0 97.4
85 49.8 43.0 64.6
99 59.4 50.2 75.2

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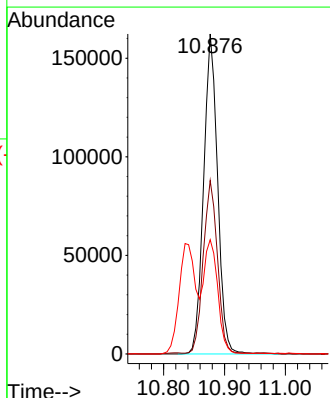
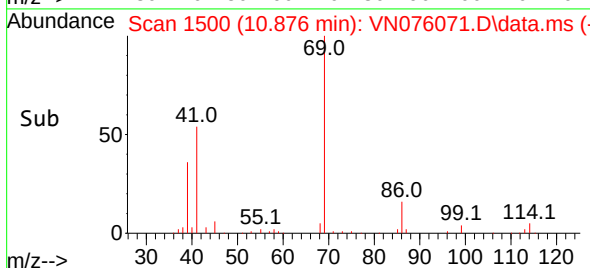
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

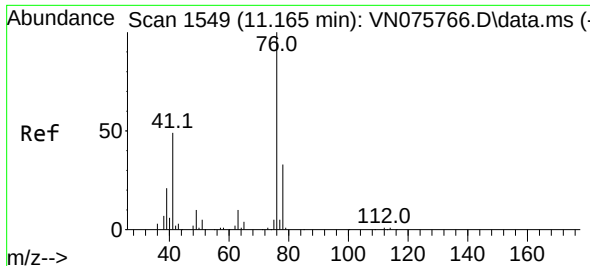


#56
Ethyl methacrylate
Concen: 54.605 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39



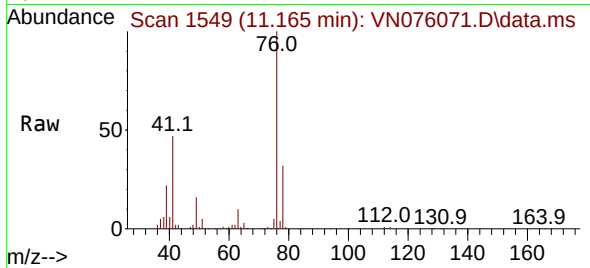
Tgt Ion: 69 Resp: 259199
Ion Ratio Lower Upper
69 100
41 54.6 44.2 66.4
39 35.4 26.4 39.6





#57
1,3-Dichloropropane
Concen: 50.205 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

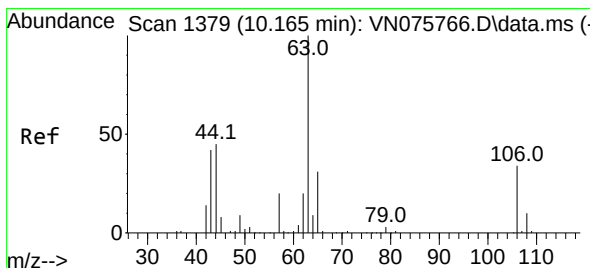
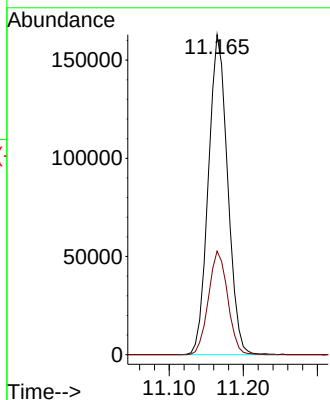
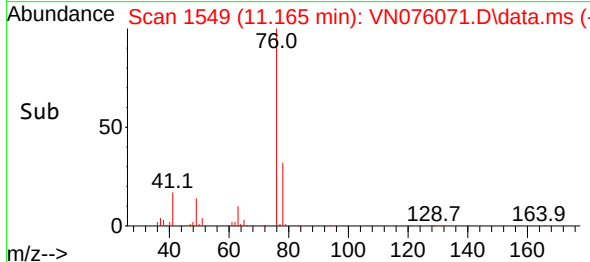
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 29429
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.2

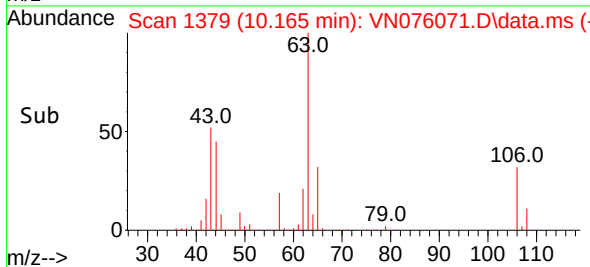
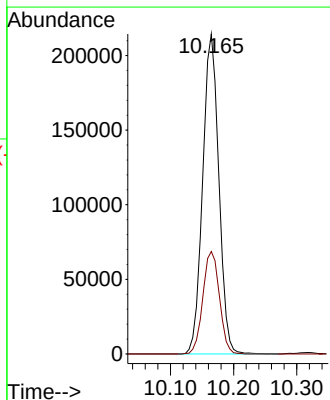
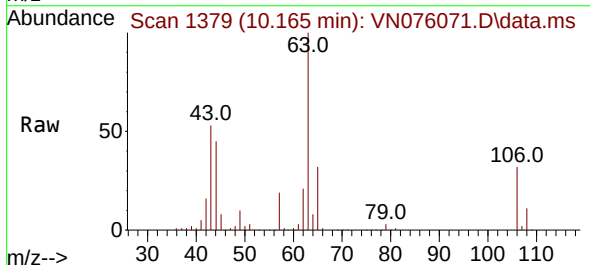
Manual Integrations
APPROVED

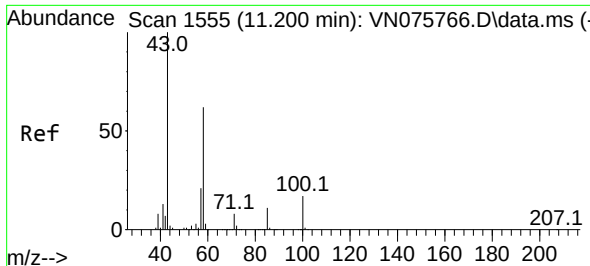
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#58
2-Chloroethyl Vinyl ether
Concen: 251.912 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

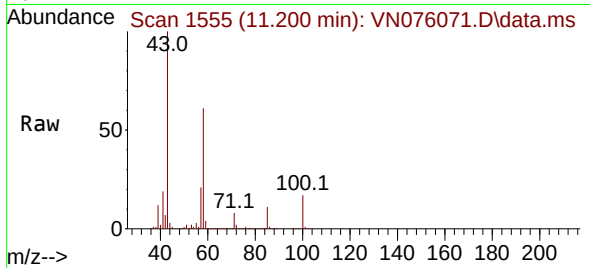
Tgt Ion: 63 Resp: 380716
Ion Ratio Lower Upper
63 100
106 32.8 26.4 39.6





#59
2-Hexanone
Concen: 270.281 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

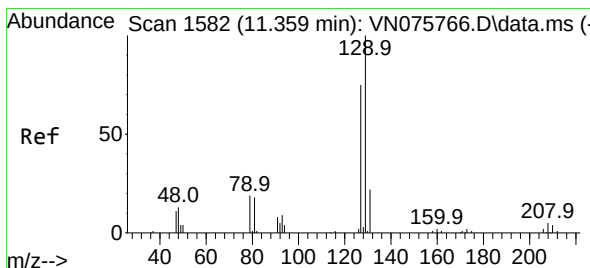
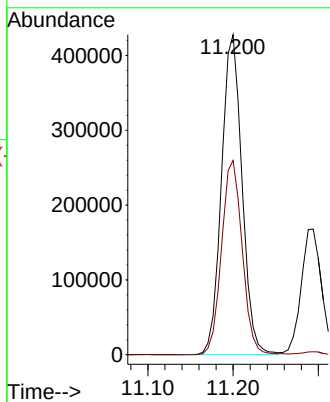
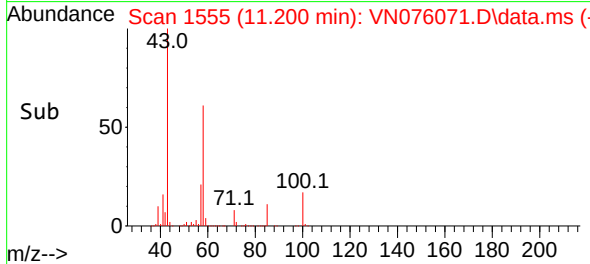
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 71566
Ion Ratio Lower Upper
43 100
58 61.0 30.6 92.0

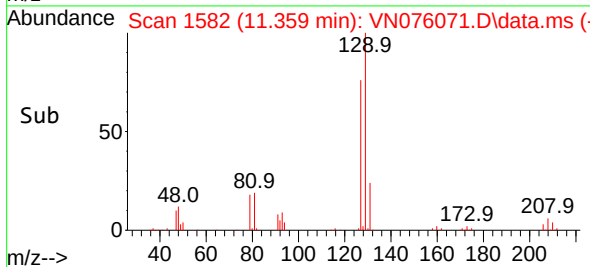
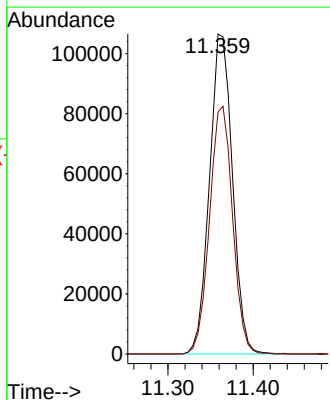
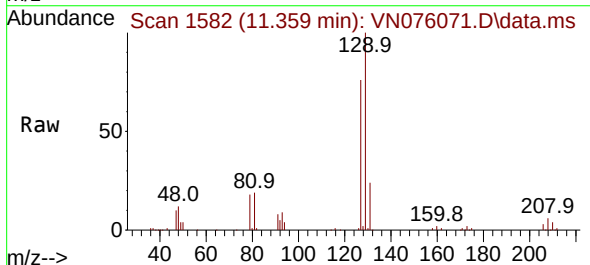
Manual Integrations
APPROVED

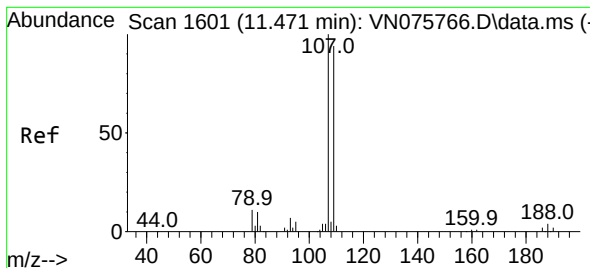
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#60
Dibromochloromethane
Concen: 50.179 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

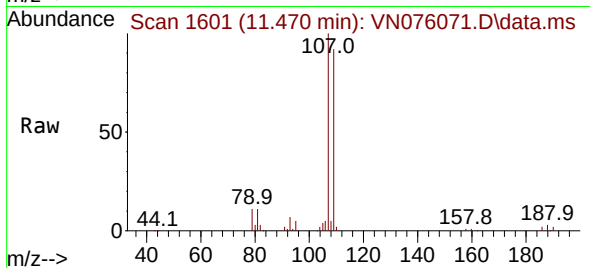
Tgt Ion:129 Resp: 199425
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9





#61
1,2-Dibromoethane
Concen: 51.058 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

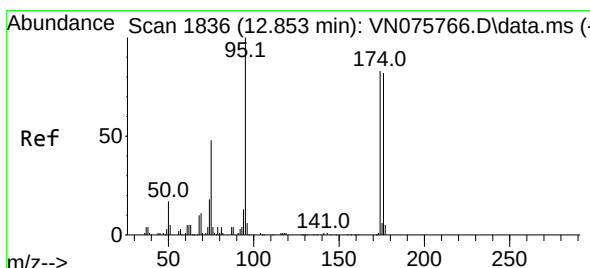
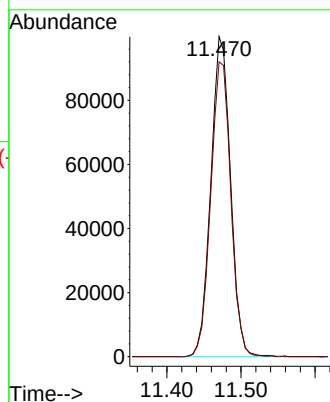
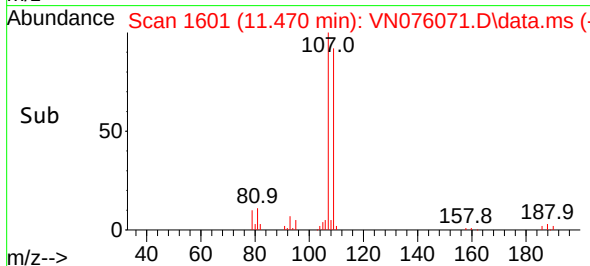
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



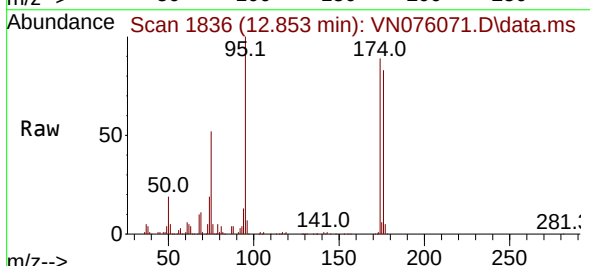
Tgt Ion:107 Resp: 184650
Ion Ratio Lower Upper
107 100
109 93.7 74.8 112.2

Manual Integrations
APPROVED

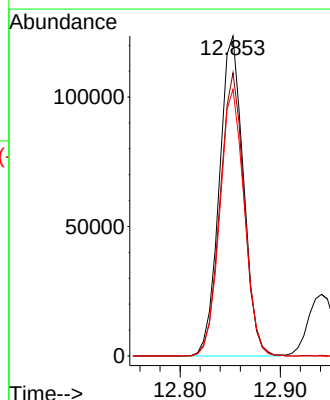
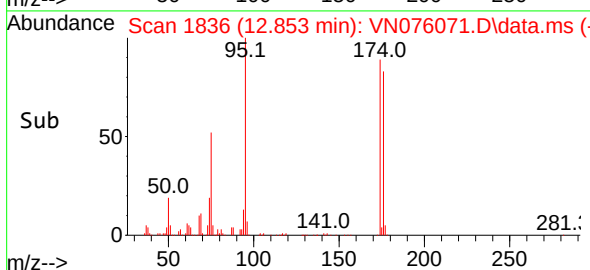
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

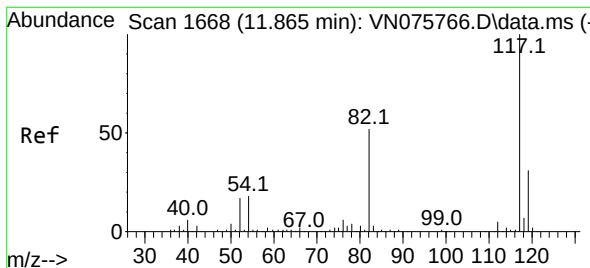


#62
4-Bromofluorobenzene
Concen: 48.824 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39



Tgt Ion: 95 Resp: 206231
Ion Ratio Lower Upper
95 100
174 88.0 0.0 171.6
176 84.5 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 50183

Ion Ratio Lower Upper

117 100

82 52.7 41.3 61.9

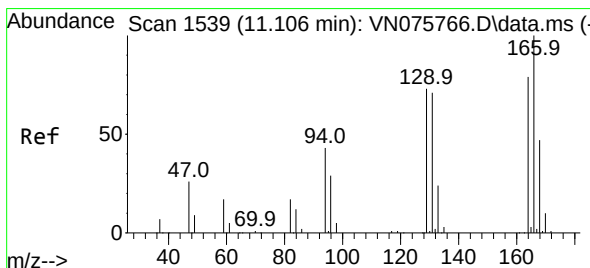
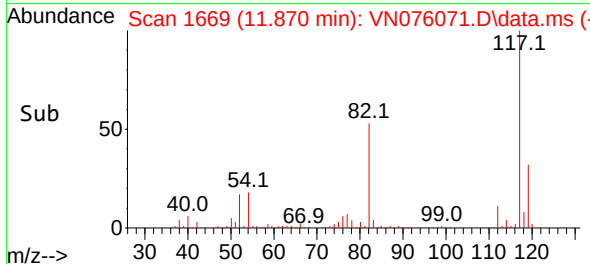
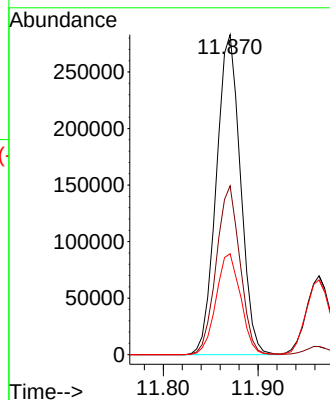
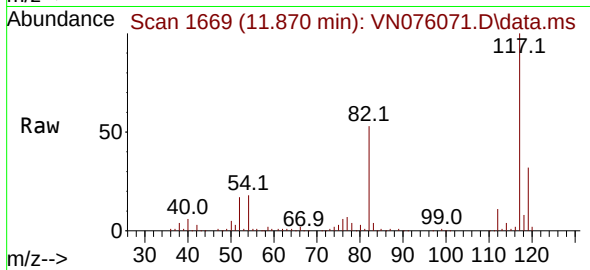
119 31.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#64

Tetrachloroethene

Concen: 47.238 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Tgt Ion:164 Resp: 166810

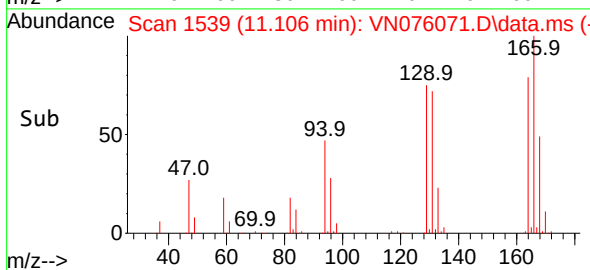
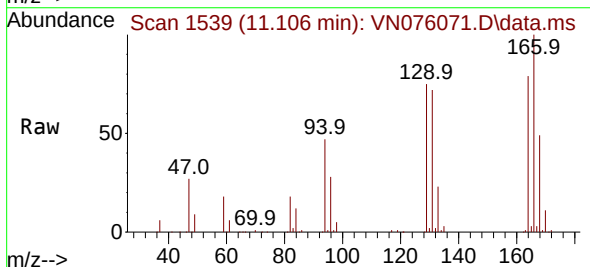
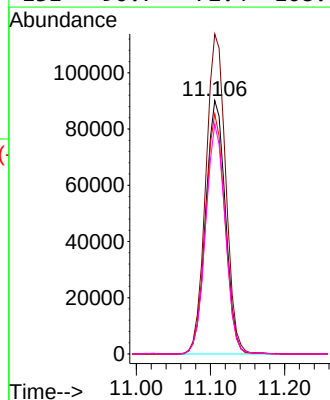
Ion Ratio Lower Upper

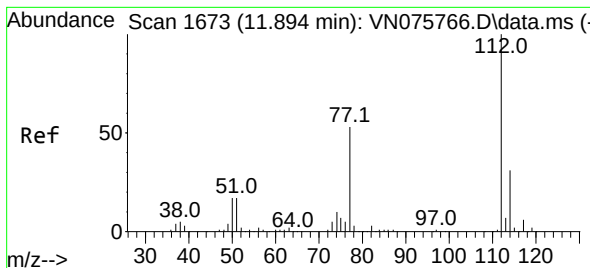
164 100

166 126.3 101.9 152.9

129 94.7 74.2 111.2

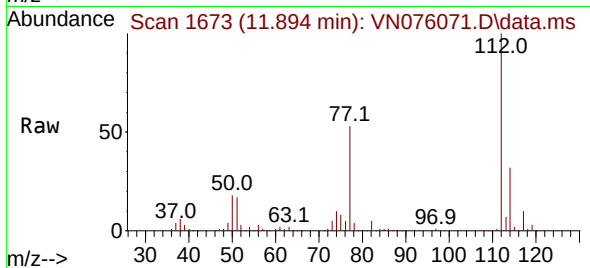
131 90.7 72.4 108.6





#65
Chlorobenzene
Concen: 45.792 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

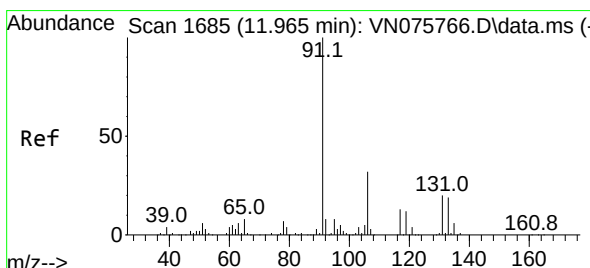
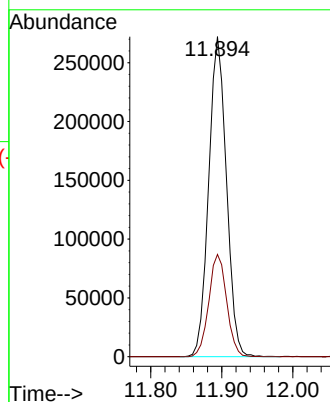
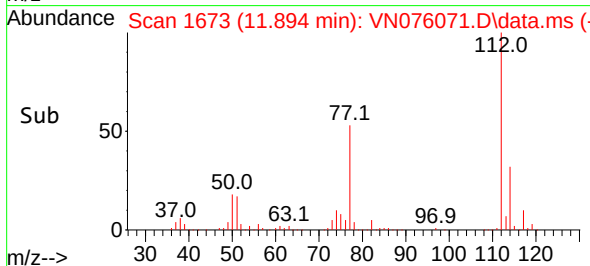
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



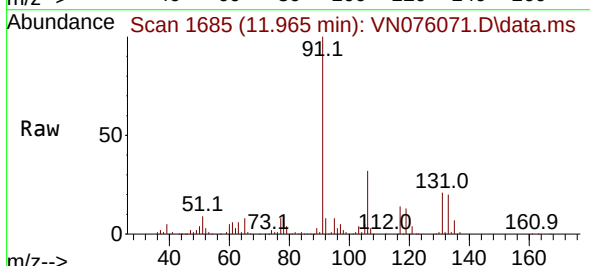
Tgt Ion:112 Resp: 471658
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1

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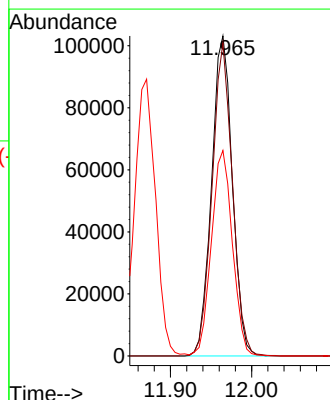
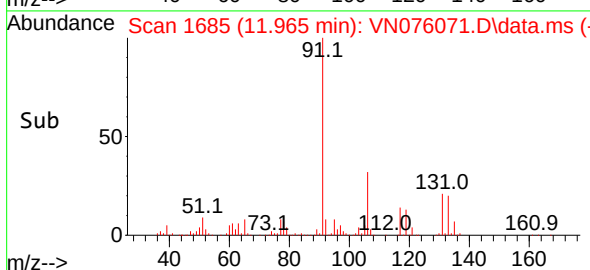
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

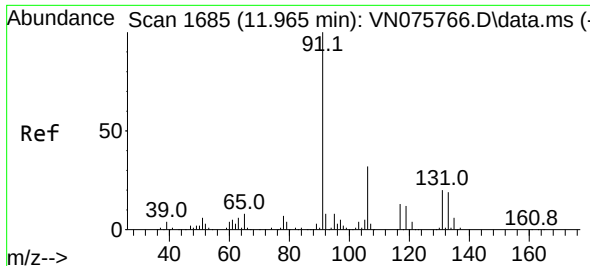


#66
1,1,1,2-Tetrachloroethane
Concen: 48.058 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39



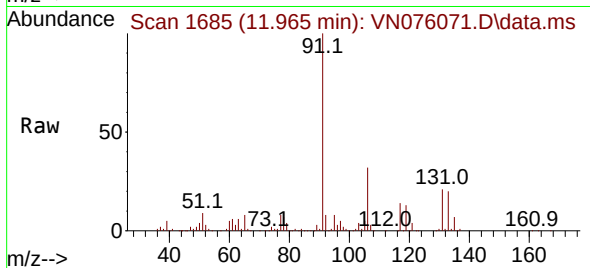
Tgt Ion:131 Resp: 183345
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 65.0 31.9 95.7





#67
Ethyl Benzene
Concen: 48.506 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

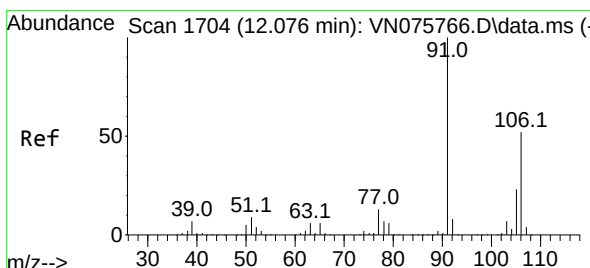
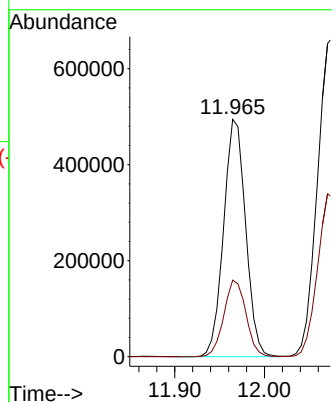
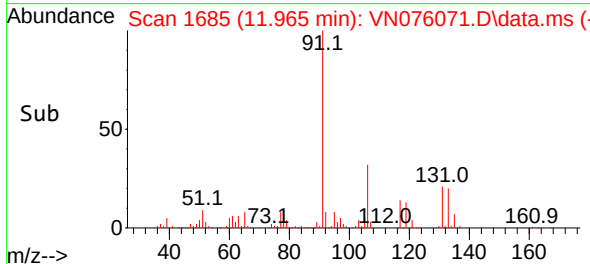
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



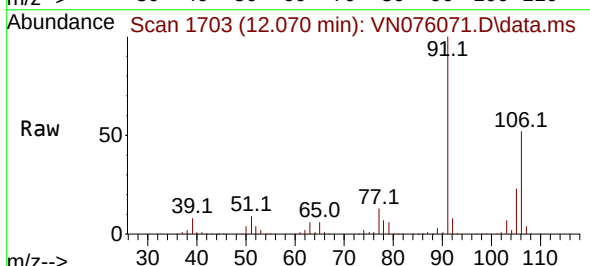
Tgt Ion: 91 Resp: 843228
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5

Manual Integrations
APPROVED

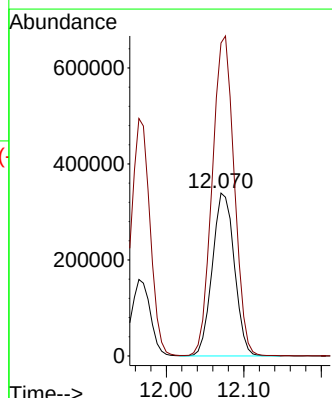
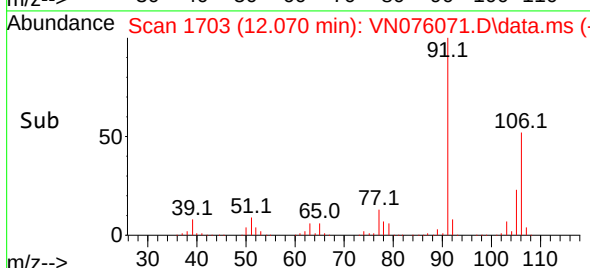
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

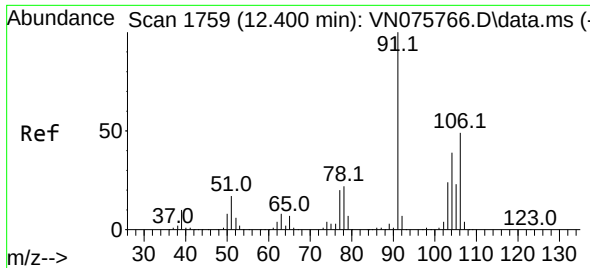


#68
m/p-Xylenes
Concen: 97.359 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39



Tgt Ion:106 Resp: 669875
Ion Ratio Lower Upper
106 100
91 196.5 156.6 235.0





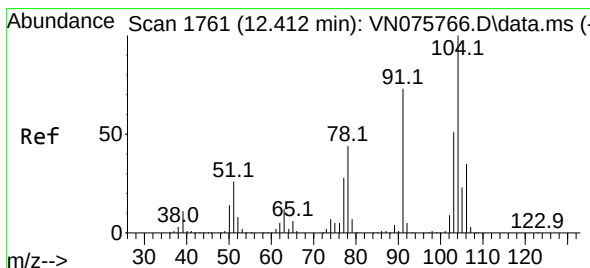
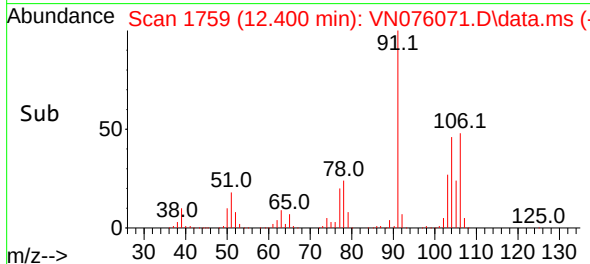
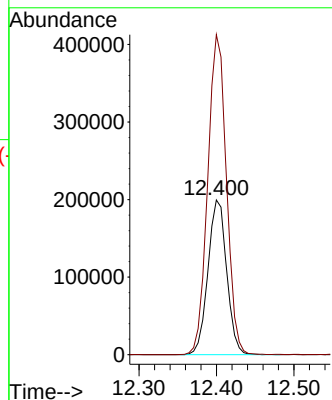
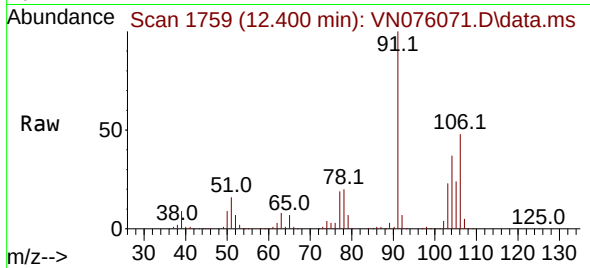
#69
o-Xylene
Concen: 49.090 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 334258
Ion Ratio Lower Upper
106 100
91 206.9 103.8 311.6

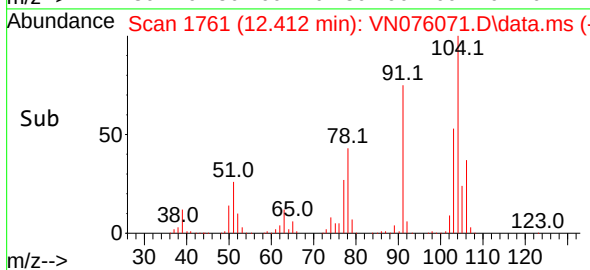
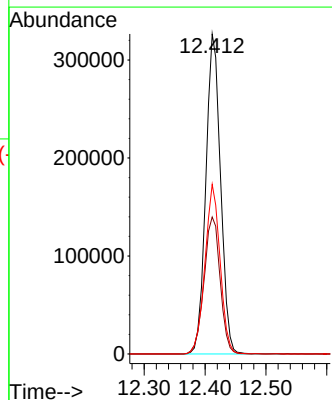
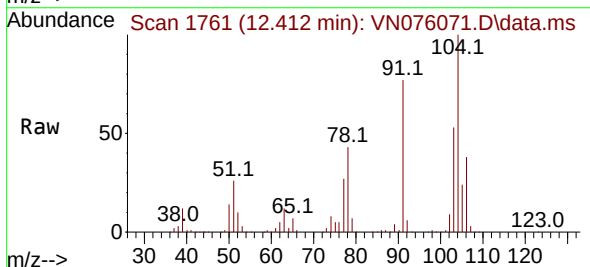
Manual Integrations
APPROVED

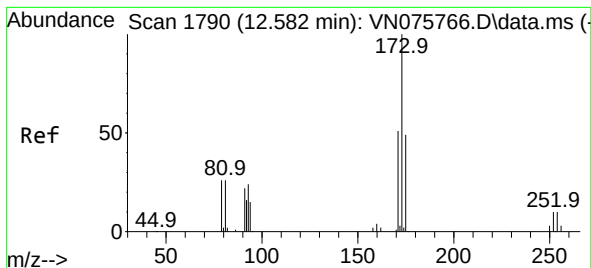
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#70
Styrene
Concen: 50.669 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Tgt Ion:104 Resp: 548559
Ion Ratio Lower Upper
104 100
78 46.7 37.5 56.3
103 54.5 43.5 65.3





#71

Bromoform

Concen: 52.292 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 145160

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.8

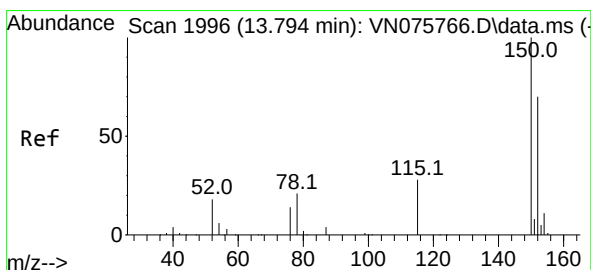
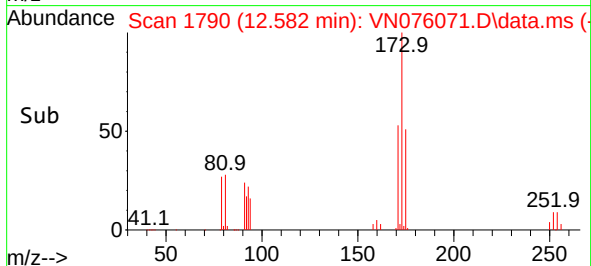
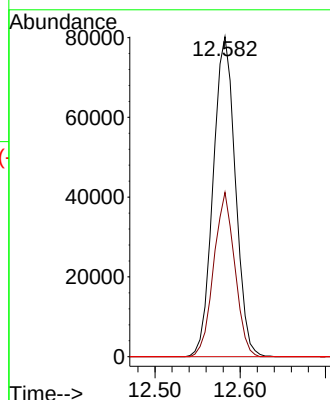
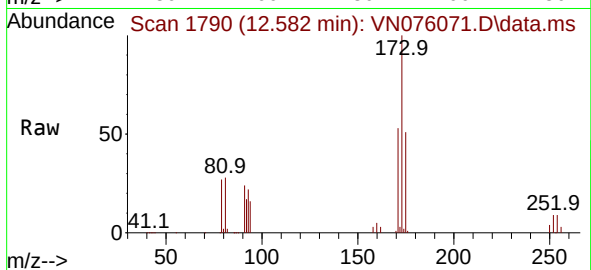
254 0.0 0.0 0.0

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: VN076071.D

Acq: 03 Jan 2023 18:39

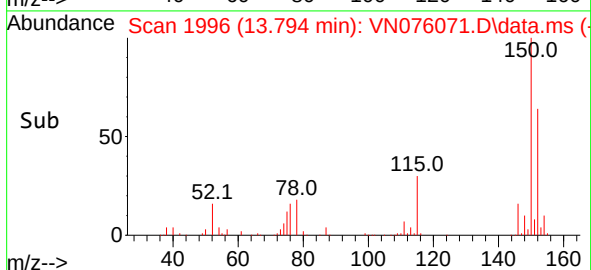
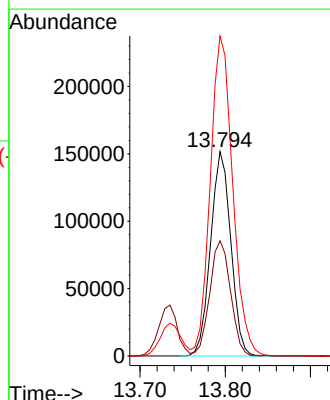
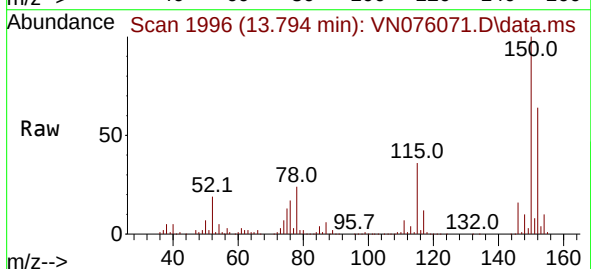
Tgt Ion:152 Resp: 250451

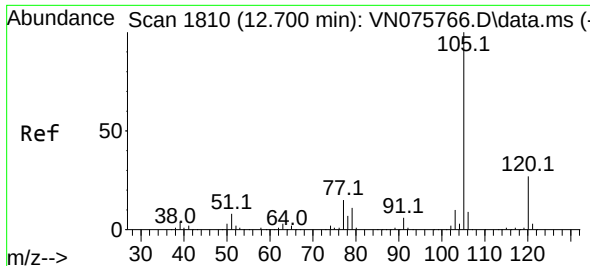
Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.4

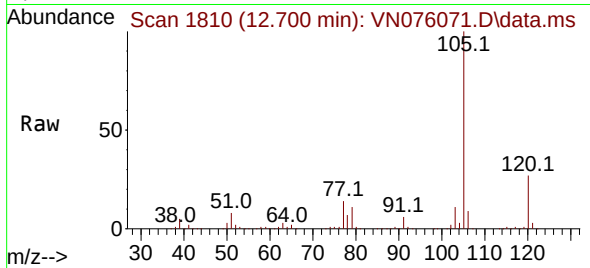
150 173.2 0.0 347.0





#73
Isopropylbenzene
Concen: 47.141 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

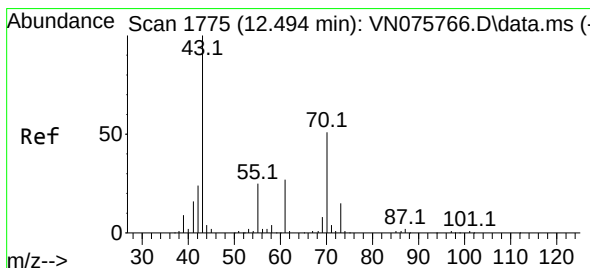
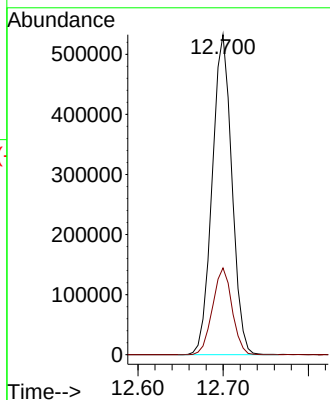
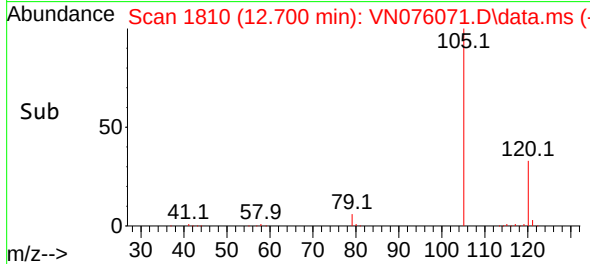
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



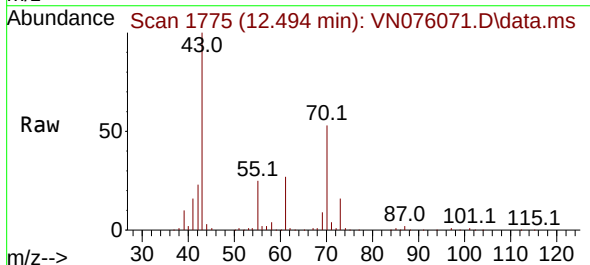
Tgt Ion:105 Resp: 853188
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2

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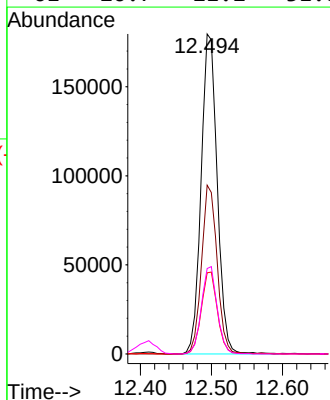
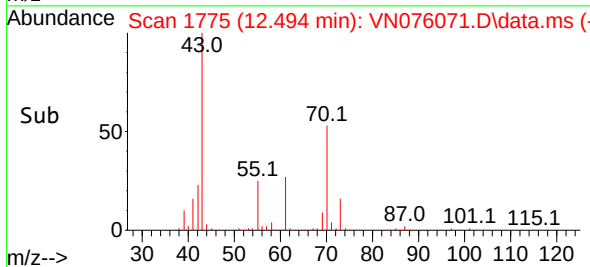
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

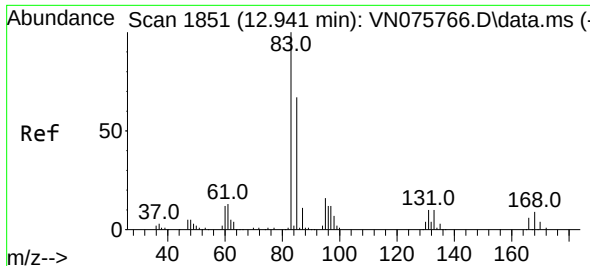


#74
N-ethyl acetate
Concen: 53.489 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39



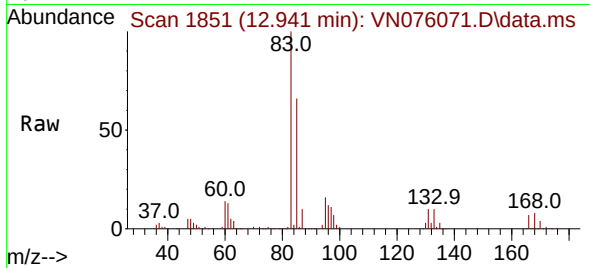
Tgt Ion: 43 Resp: 284001
Ion Ratio Lower Upper
43 100
70 51.0 41.4 62.0
55 25.7 21.3 31.9
61 26.7 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 46.062 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

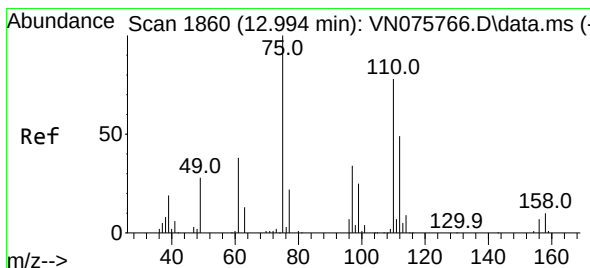
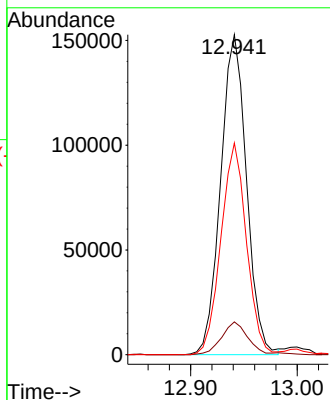
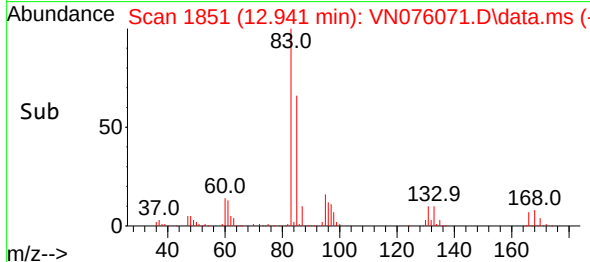
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 257714
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 65.2 32.6 98.0

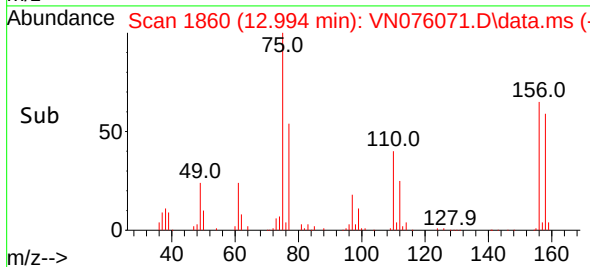
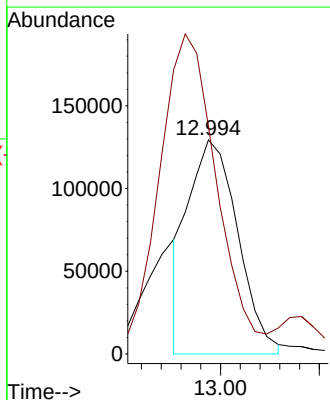
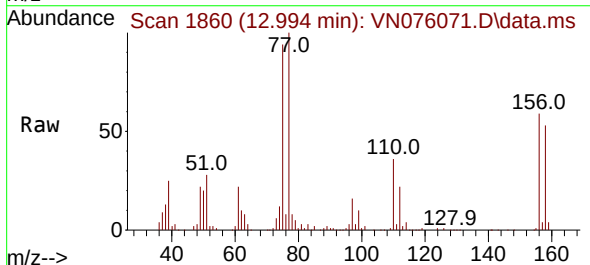
Manual Integrations
APPROVED

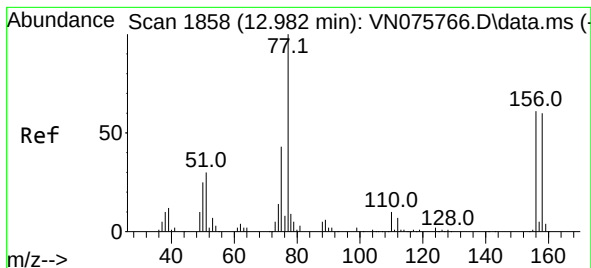
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#76
1,2,3-Trichloropropane
Concen: 44.545 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Tgt Ion: 75 Resp: 224884
Ion Ratio Lower Upper
75 100
77 174.7 82.6 247.8





#77

Bromobenzene

Concen: 45.662 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

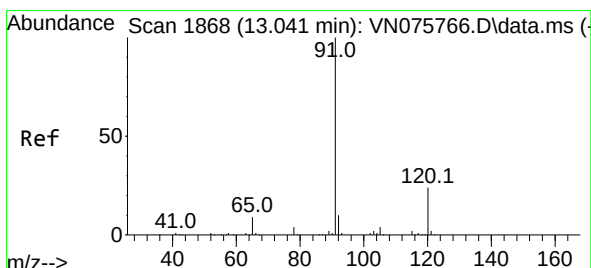
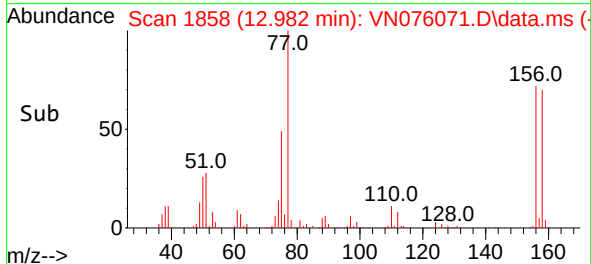
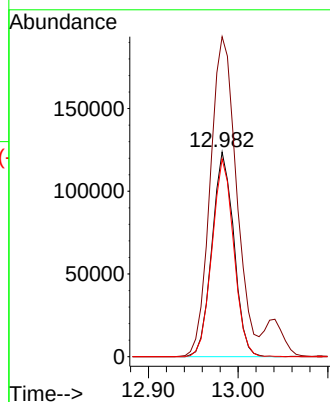
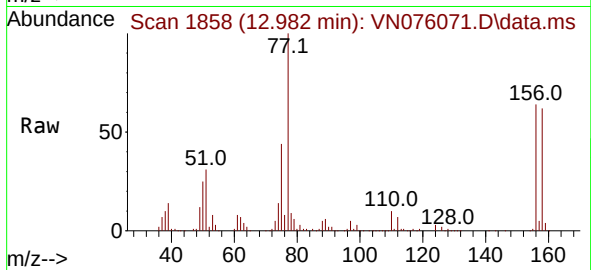
Tgt Ion:156 Resp: 20914
 Ion Ratio Lower Upper
 156 100
 77 187.9 93.8 281.3
 158 96.3 48.9 146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#78

n-propylbenzene

Concen: 48.819 ug/l

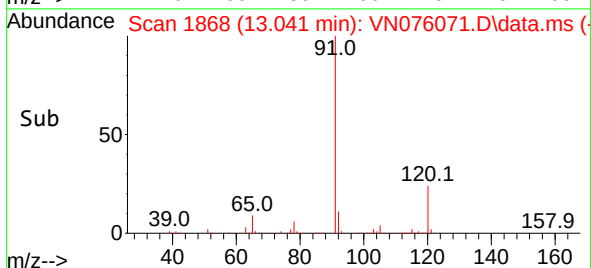
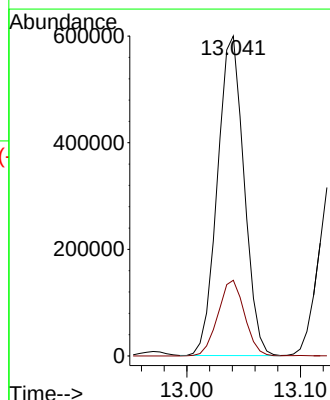
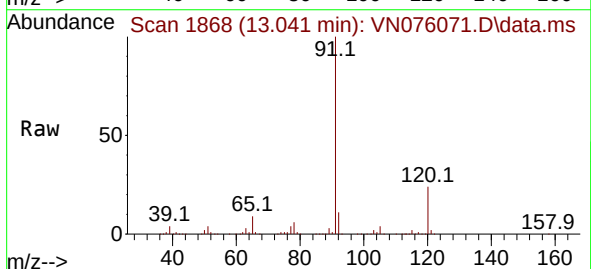
RT: 13.041 min Scan# 1868

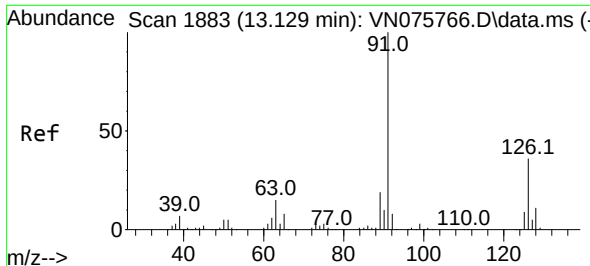
Delta R.T. -0.000 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Tgt Ion: 91 Resp: 974514
 Ion Ratio Lower Upper
 91 100
 120 23.7 12.0 36.1





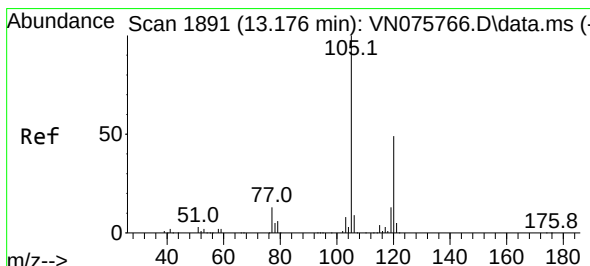
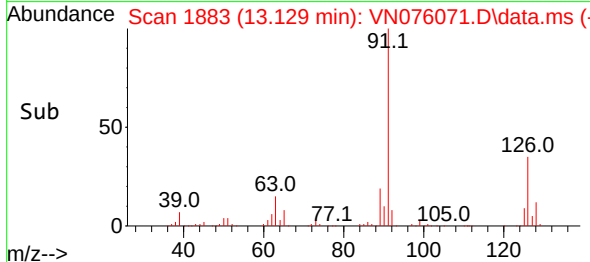
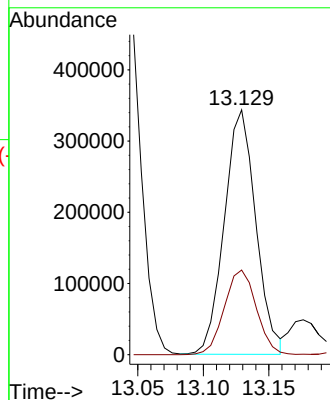
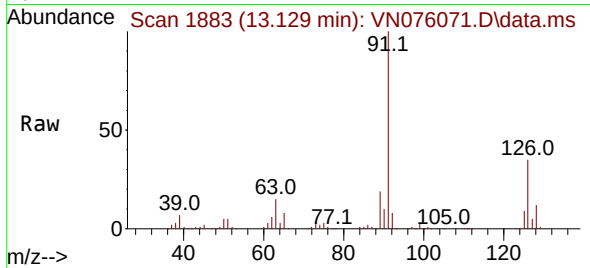
#79
2-Chlorotoluene
Concen: 46.154 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 575111
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5

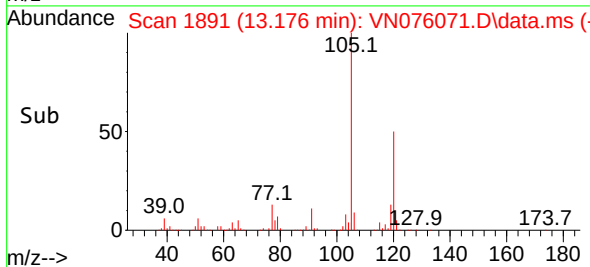
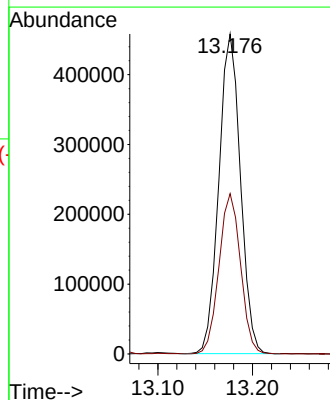
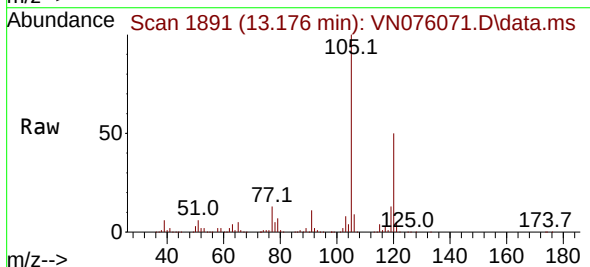
Manual Integrations
APPROVED

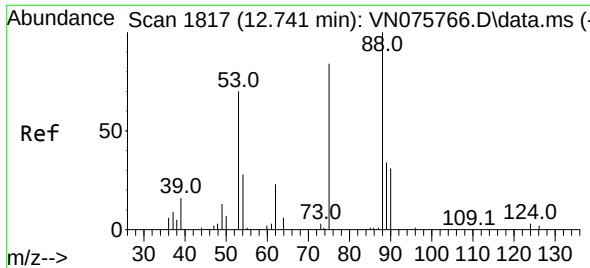
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.870 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

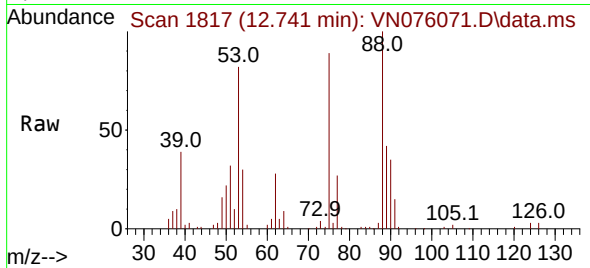
Tgt Ion:105 Resp: 725111
Ion Ratio Lower Upper
105 100
120 50.0 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 53.056 ug/l m
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

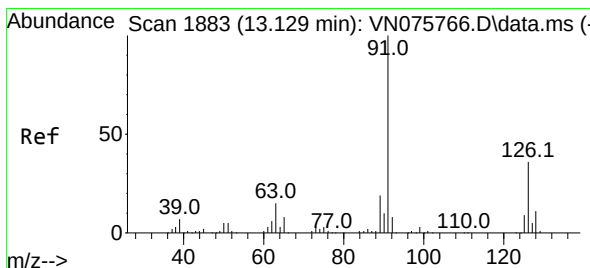
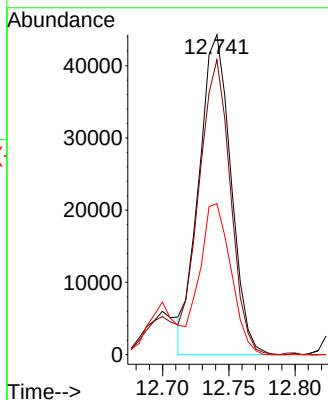
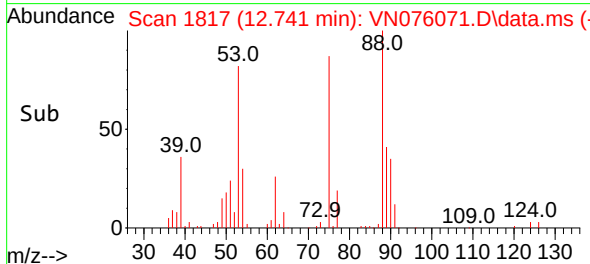
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



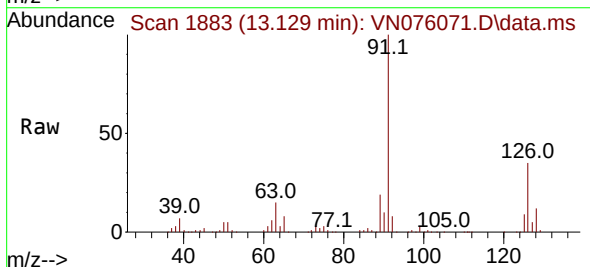
Tgt Ion: 75 Resp: 74414
Ion Ratio Lower Upper
75 100
53 102.5 73.8 110.6
89 45.5 39.5 59.3

Manual Integrations
APPROVED

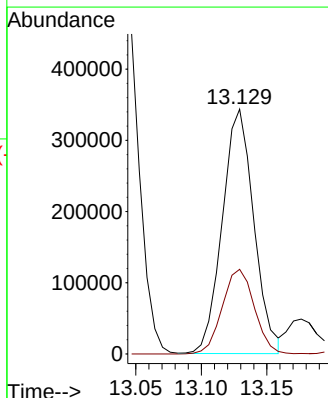
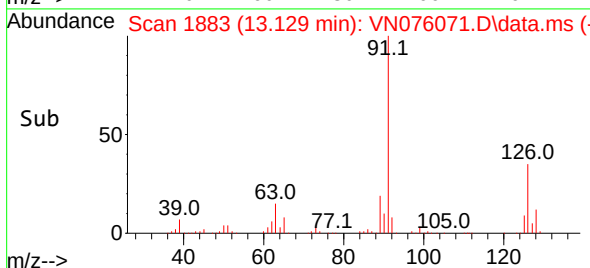
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

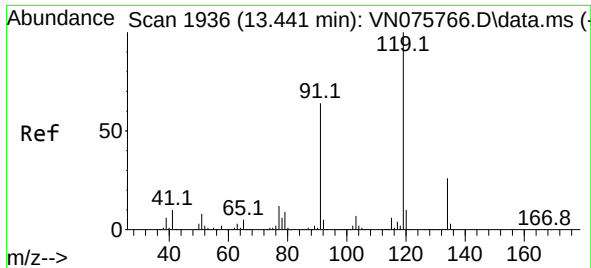


#82
4-Chlorotoluene
Concen: 46.154 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39



Tgt Ion: 91 Resp: 575112
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5





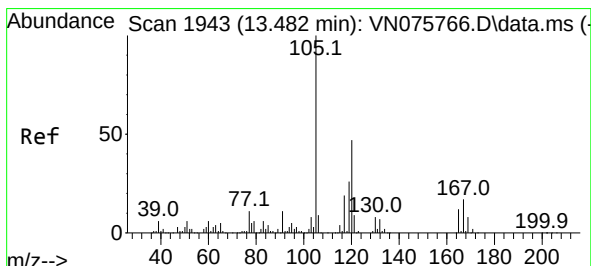
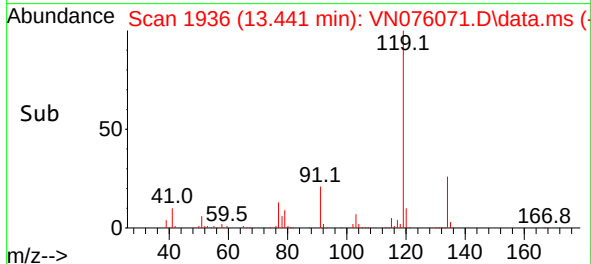
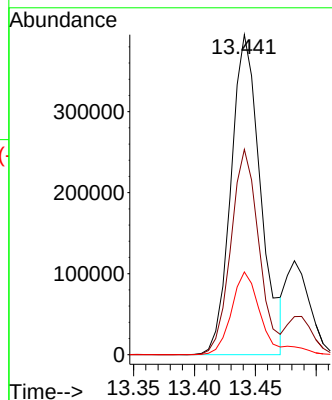
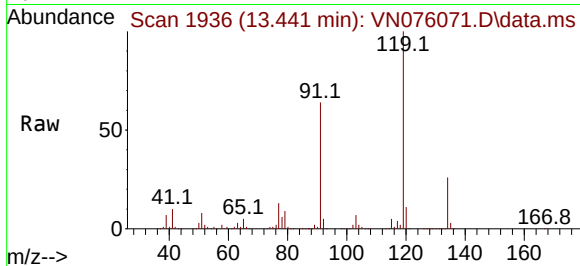
#83
tert-Butylbenzene
Concen: 49.920 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 66670
Ion Ratio Lower Upper
119 100
91 61.2 31.9 95.5
134 26.3 13.8 41.4

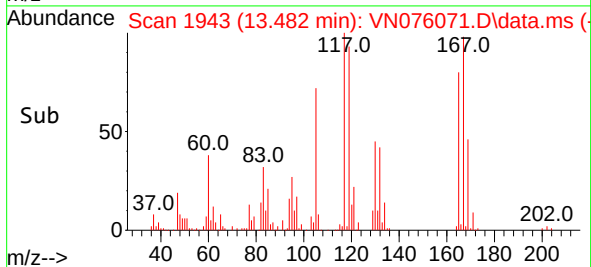
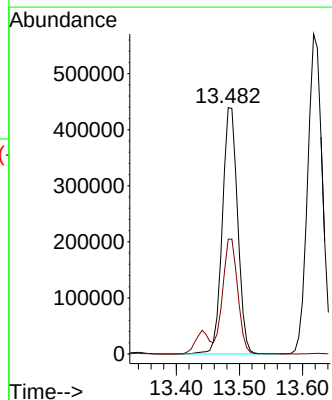
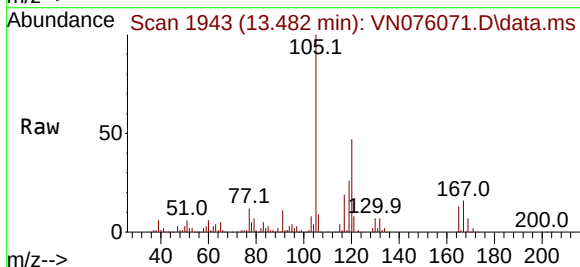
Manual Integrations
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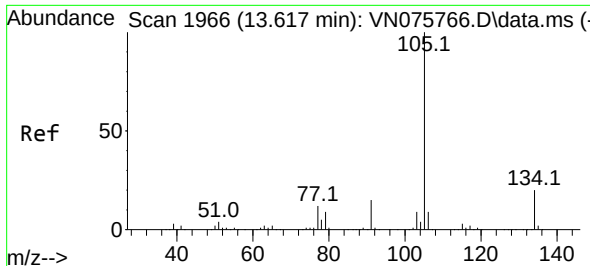
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.346 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

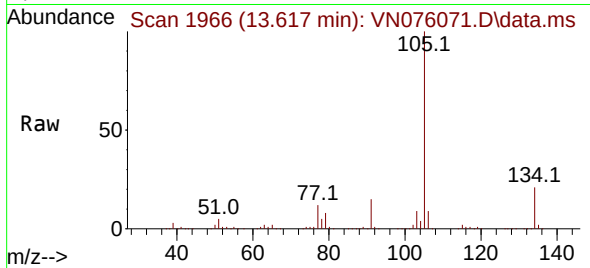
Tgt Ion:105 Resp: 741527
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 49.890 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076071.D
 Acq: 03 Jan 2023 18:39

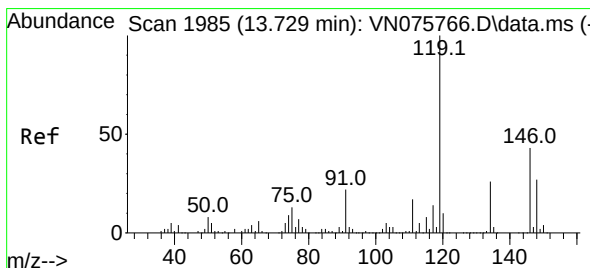
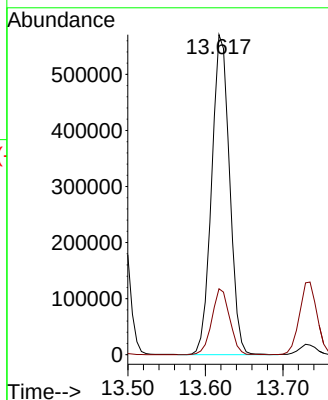
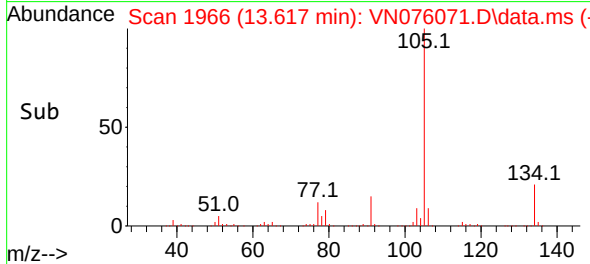
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



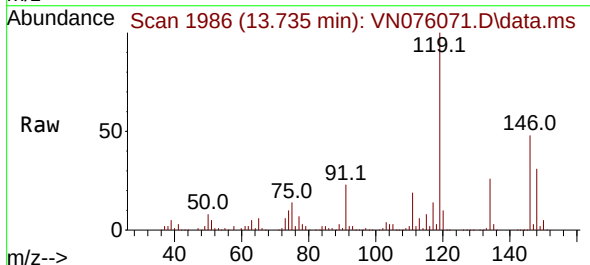
Tgt Ion:105 Resp: 919644
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

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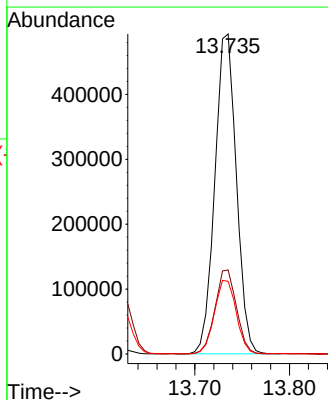
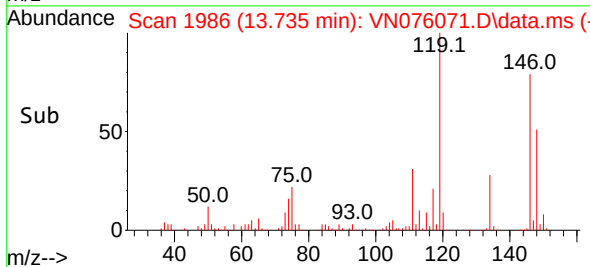
Reviewed By :John Carlone 01/04/2023
 Supervised By :Mahesh Dadoda 01/04/2023

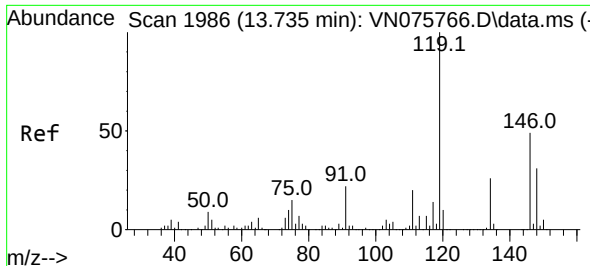


#86
 p-Isopropyltoluene
 Concen: 50.761 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076071.D
 Acq: 03 Jan 2023 18:39



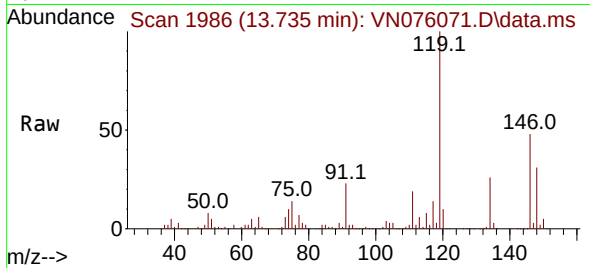
Tgt Ion:119 Resp: 778588
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 23.4 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 46.490 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

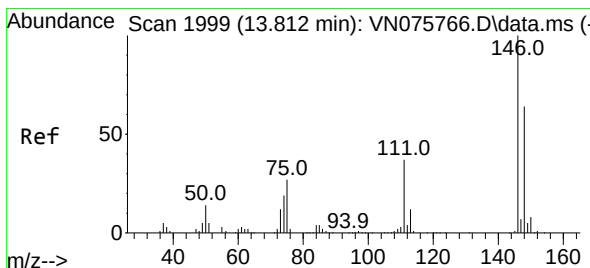
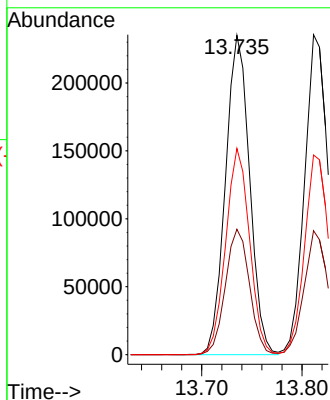
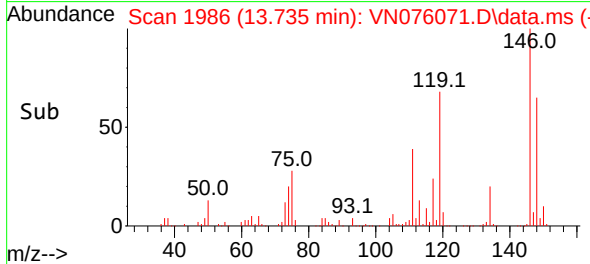
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



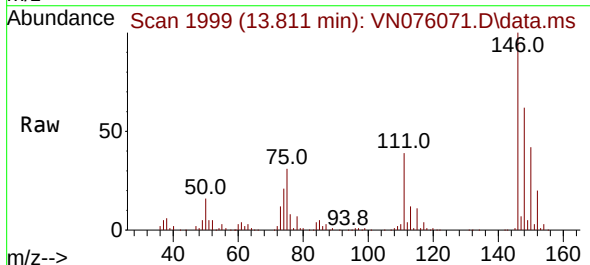
Tgt Ion:146 Resp: 393342
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.0
148 63.9 31.4 94.2

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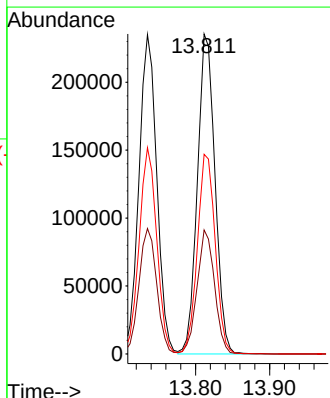
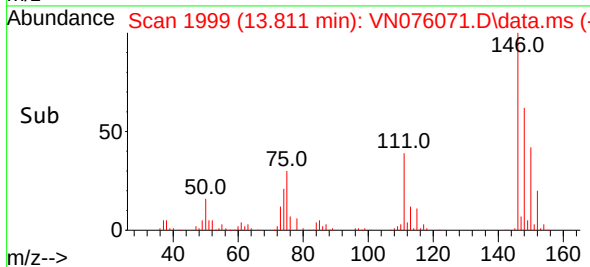
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

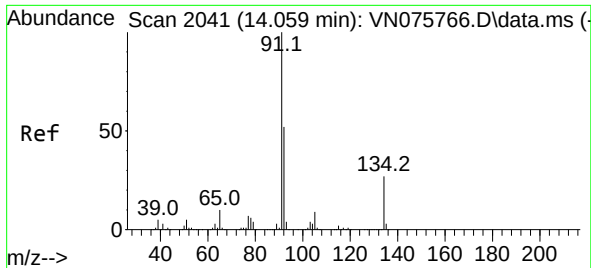


#88
1,4-Dichlorobenzene
Concen: 44.978 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39



Tgt Ion:146 Resp: 388757
Ion Ratio Lower Upper
146 100
111 38.4 19.1 57.1
148 63.3 32.0 96.2





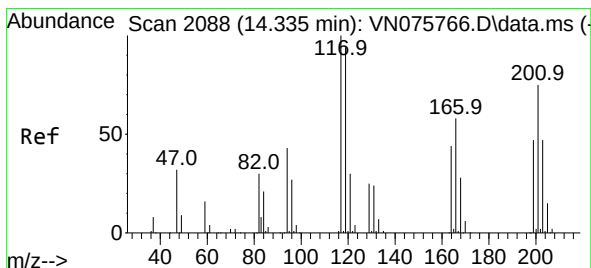
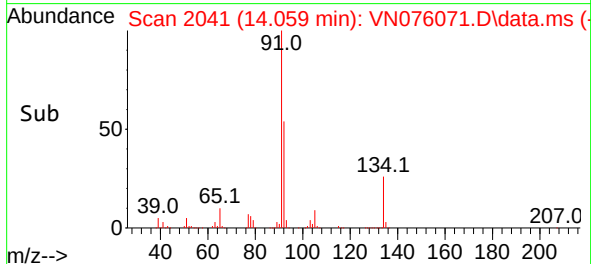
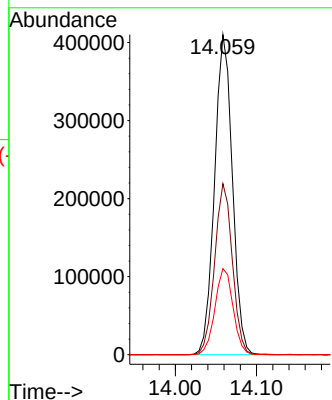
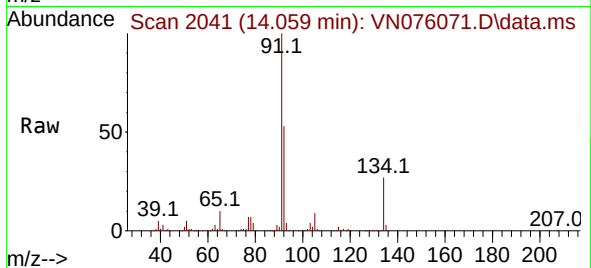
#89
n-Butylbenzene
Concen: 50.455 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 62695
Ion Ratio Lower Upper
91 100
92 53.1 26.4 79.2
134 27.3 13.4 40.2

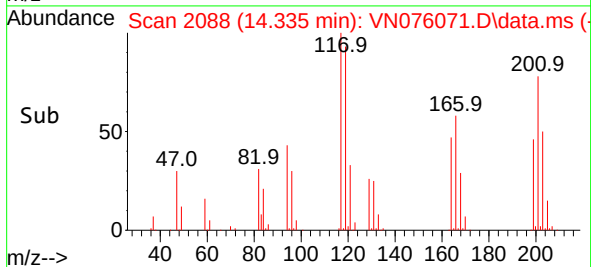
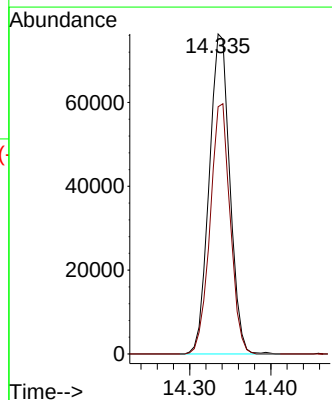
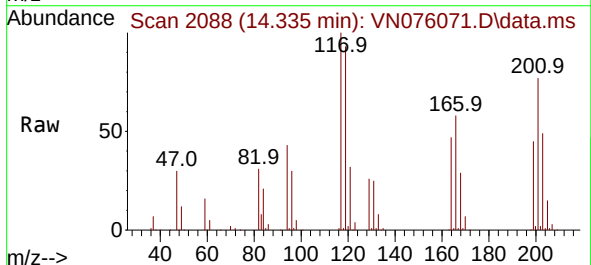
Manual Integrations
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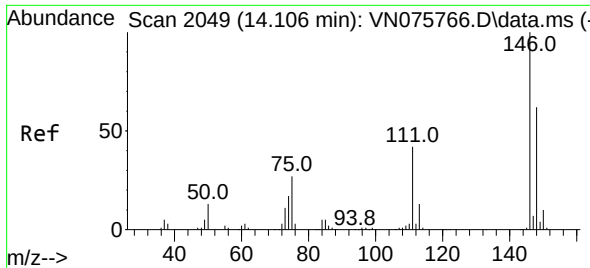
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023



#90
Hexachloroethane
Concen: 49.095 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

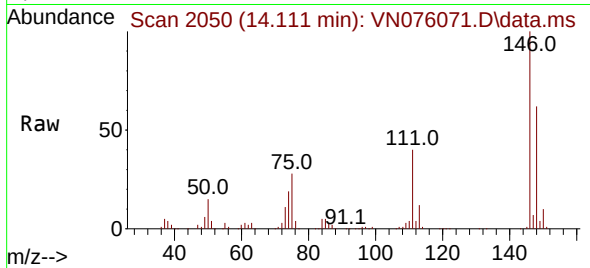
Tgt Ion:117 Resp: 134703
Ion Ratio Lower Upper
117 100
201 75.9 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 47.077 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

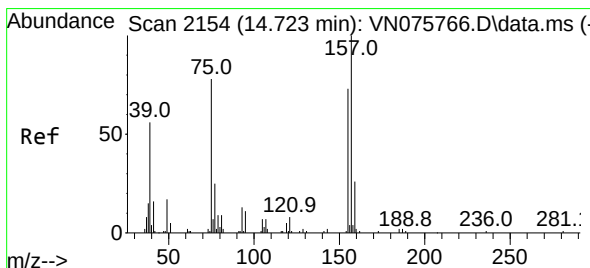
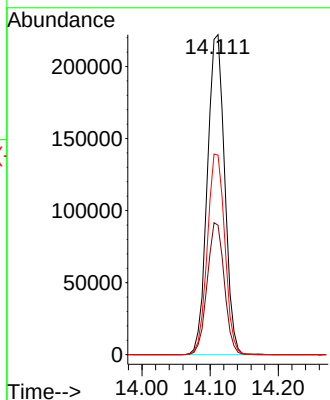
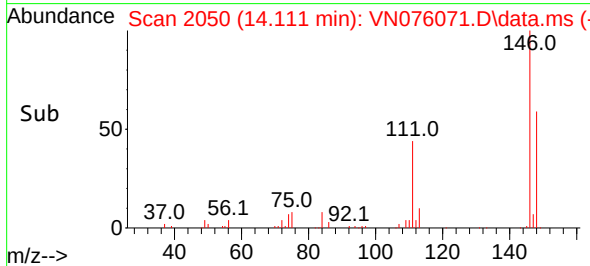
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



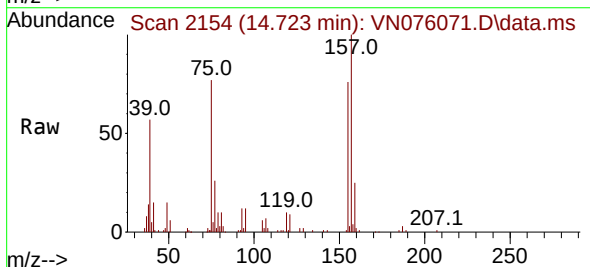
Tgt Ion:146 Resp: 392335
Ion Ratio Lower Upper
146 100
111 40.7 20.3 61.0
148 63.2 31.7 95.1

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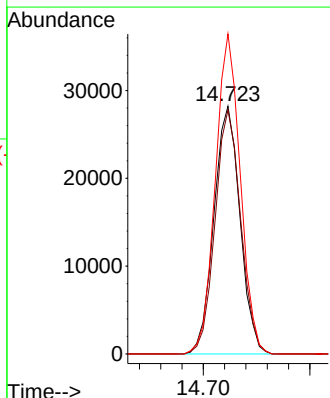
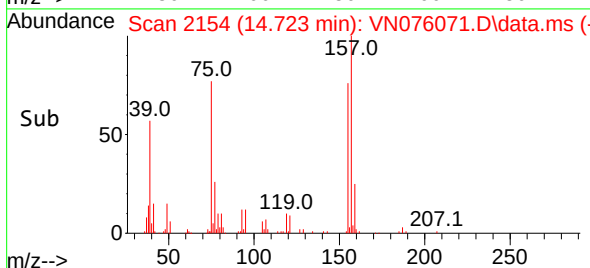
Reviewed By :John Carlone 01/04/2023
Supervised By :Mahesh Dadoda 01/04/2023

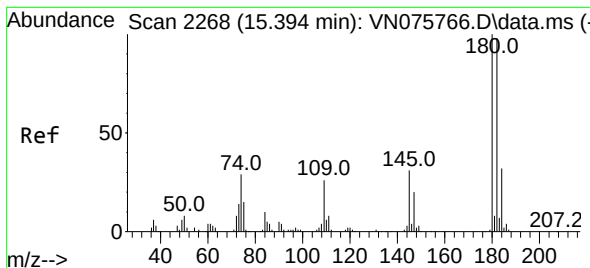


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.196 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39



Tgt Ion: 75 Resp: 47848
Ion Ratio Lower Upper
75 100
155 96.9 49.3 147.8
157 123.4 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 47.447 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 195762

Ion Ratio Lower Upper

180 100

182 96.2 47.5 142.5

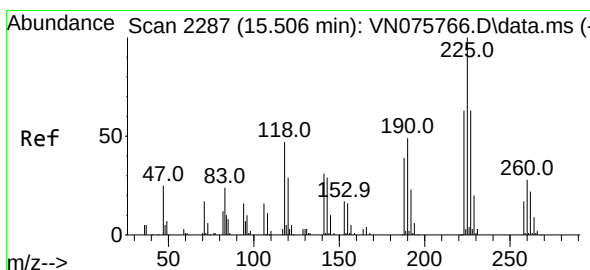
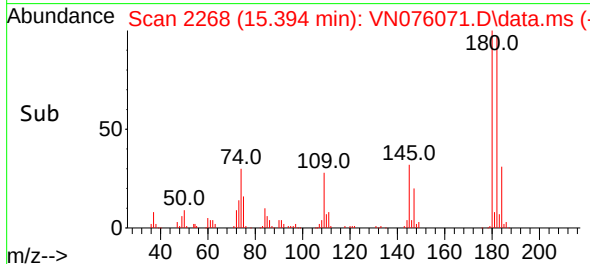
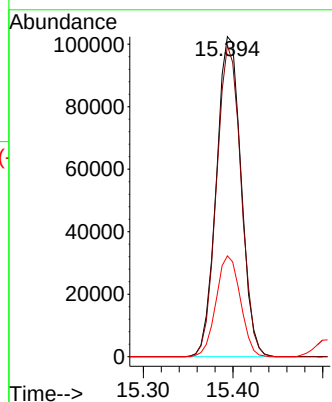
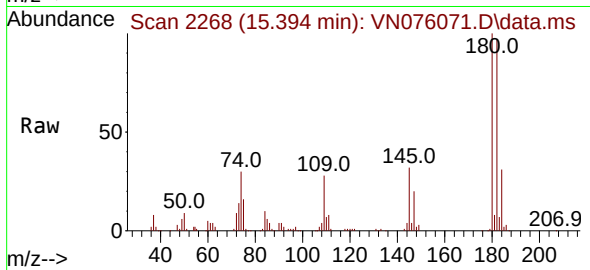
145 30.9 15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/04/2023

Supervised By :Mahesh Dadoda 01/04/2023



#94

Hexachlorobutadiene

Concen: 45.460 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076071.D

Acq: 03 Jan 2023 18:39

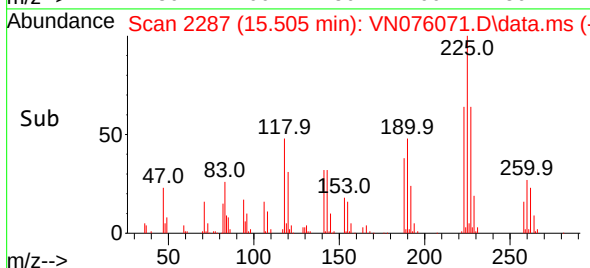
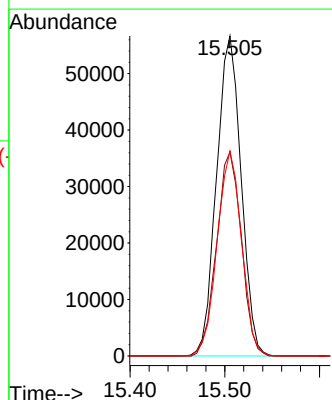
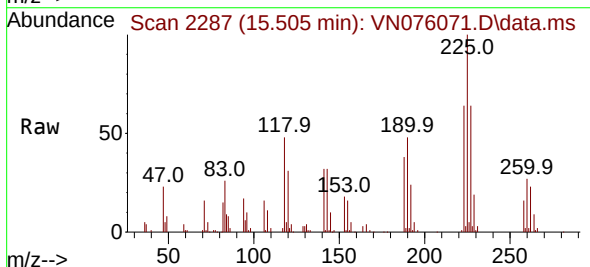
Tgt Ion:225 Resp: 102333

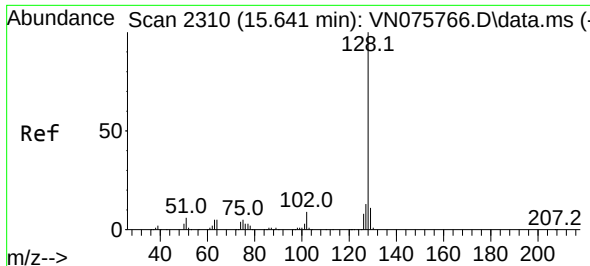
Ion Ratio Lower Upper

225 100

223 64.1 31.5 94.5

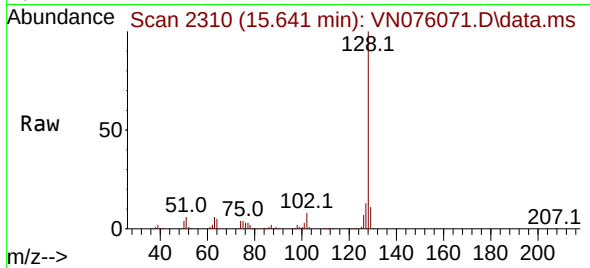
227 63.7 31.6 95.0





#95
Naphthalene
Concen: 45.609 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

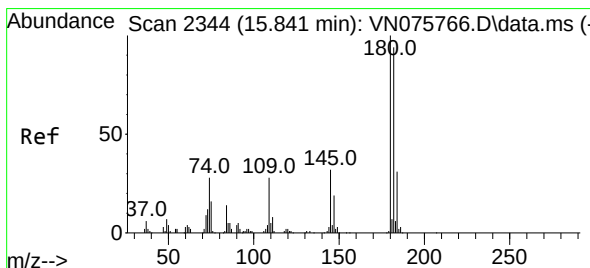
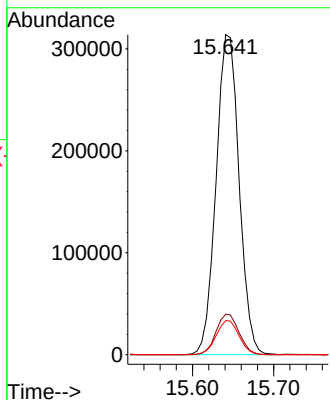
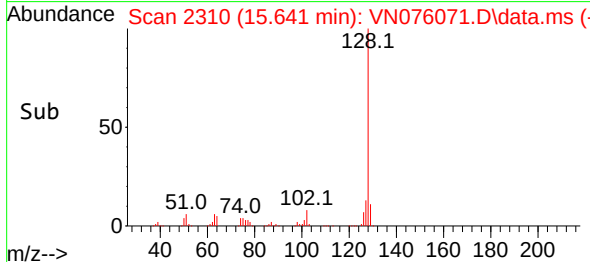
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 618949
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.6 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: 50.594 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076071.D
Acq: 03 Jan 2023 18:39

Tgt Ion:180 Resp: 195103
Ion Ratio Lower Upper
180 100
182 93.7 47.0 141.0
145 31.8 16.0 47.9

