

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076240.D
 Acq On : 13 Jan 2023 11:50
 Operator : JC\MD
 Sample : VN0113WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 16 01:04:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	306813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	495146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	438274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207052	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	169524	50.789	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.580%	
35) Dibromofluoromethane	8.171	113	154466	50.374	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.740%	
50) Toluene-d8	10.571	98	540895	47.179	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.360%	
62) 4-Bromofluorobenzene	12.853	95	183703	48.378	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	53497	24.557	ug/l	96
3) Chloromethane	2.377	50	54482	20.112	ug/l	92
4) Vinyl Chloride	2.530	62	66196	20.486	ug/l	98
5) Bromomethane	2.959	94	57192	20.826	ug/l	96
6) Chloroethane	3.130	64	51666	21.591	ug/l	94
7) Trichlorofluoromethane	3.512	101	94810	19.336	ug/l	96
8) Diethyl Ether	3.977	74	37006	20.664	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	57186	20.425	ug/l	99
10) Methyl Iodide	4.606	142	83071	18.282	ug/l	99
11) Tert butyl alcohol	5.536	59	50818	107.597	ug/l	98
12) 1,1-Dichloroethene	4.359	96	50716	18.651	ug/l	92
13) Acrolein	4.201	56	57431	99.186	ug/l	97
14) Allyl chloride	5.042	41	66628	20.960	ug/l	97
15) Acrylonitrile	5.736	53	135544	105.164	ug/l	99
16) Acetone	4.442	43	112139	97.460	ug/l	97
17) Carbon Disulfide	4.724	76	107763	16.368	ug/l	98
18) Methyl Acetate	5.042	43	78562	23.099	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	195006	21.777	ug/l	99
20) Methylene Chloride	5.283	84	60343	19.210	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	56168	18.861	ug/l	93
22) Diisopropyl ether	6.683	45	158884	20.575	ug/l	97
23) Vinyl Acetate	6.618	43	518171	99.695	ug/l	99
24) 1,1-Dichloroethane	6.583	63	100979	19.608	ug/l	98
25) 2-Butanone	7.494	43	177827	110.378	ug/l	96
26) 2,2-Dichloropropane	7.500	77	83145	19.064	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	69656	19.557	ug/l	97
28) Bromochloromethane	7.824	49	40644	18.006	ug/l	98
29) Tetrahydrofuran	7.847	42	110216	109.166	ug/l	100
30) Chloroform	7.971	83	112711	19.438	ug/l	99
31) Cyclohexane	8.265	56	90652	18.963	ug/l #	94
32) 1,1,1-Trichloroethane	8.177	97	100632	19.576	ug/l	99
36) 1,1-Dichloropropene	8.377	75	77618	19.055	ug/l	99
37) Ethyl Acetate	7.571	43	71855	21.961	ug/l	99
38) Carbon Tetrachloride	8.371	117	85077	18.661	ug/l	91
39) Methylcyclohexane	9.606	83	94807	19.292	ug/l	97
40) Benzene	8.612	78	239274	19.039	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	36285	21.335	ug/l	93
42) 1,2-Dichloroethane	8.677	62	84823	20.301	ug/l	100
43) Isopropyl Acetate	8.700	43	118758	22.003	ug/l	98
44) Trichloroethene	9.359	130	64336	18.171	ug/l	95
45) 1,2-Dichloropropane	9.624	63	59650	19.504	ug/l	98
46) Dibromomethane	9.712	93	45543	20.078	ug/l	100
47) Bromodichloromethane	9.888	83	87343	19.635	ug/l	99
48) Methyl methacrylate	9.683	41	53234	21.899	ug/l	96
49) 1,4-Dioxane	9.700	88	26985	451.544	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	368963	113.039	ug/l	97
52) Toluene	10.635	92	158528	19.368	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	82768	19.008	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	94525	19.771	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	66367	20.658	ug/l	97
56) Ethyl methacrylate	10.877	69	89344	20.937	ug/l	97
57) 1,3-Dichloropropane	11.165	76	105525	20.025	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	148581	109.361	ug/l	99
59) 2-Hexanone	11.200	43	262712	110.367	ug/l	99
60) Dibromochloromethane	11.365	129	70676	19.782	ug/l	100
61) 1,2-Dibromoethane	11.471	107	65827	20.247	ug/l	99
64) Tetrachloroethene	11.106	164	66936	21.704	ug/l	95
65) Chlorobenzene	11.894	112	170034	18.902	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	65420	19.634	ug/l	98
67) Ethyl Benzene	11.965	91	295529	19.466	ug/l	99
68) m/p-Xylenes	12.076	106	238483	39.687	ug/l	98
69) o-Xylene	12.400	106	116544	19.598	ug/l	97
70) Styrene	12.418	104	188649	19.952	ug/l	99
71) Bromoform	12.582	173	47397	19.549	ug/l #	99
73) Isopropylbenzene	12.700	105	297605	19.890	ug/l	99
74) N-amyl acetate	12.500	43	93727	21.353	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	91999	19.890	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	111248	26.655	ug/l	70
77) Bromobenzene	12.982	156	72618	19.177	ug/l	99
78) n-propylbenzene	13.041	91	338256	20.497	ug/l	99
79) 2-Chlorotoluene	13.129	91	201688	19.578	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	253815	20.268	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23094	19.917	ug/l	91
82) 4-Chlorotoluene	13.129	91	201688	19.578	ug/l	99
83) tert-Butylbenzene	13.441	119	231233	20.943	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	257987	20.767	ug/l	98
85) sec-Butylbenzene	13.618	105	312355	20.497	ug/l	100
86) p-Isopropyltoluene	13.735	119	265397	20.930	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	135379	19.355	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	134355	18.803	ug/l	99
89) n-Butylbenzene	14.059	91	205110	19.966	ug/l	99
90) Hexachloroethane	14.335	117	43408	19.137	ug/l	100
91) 1,2-Dichlorobenzene	14.112	146	135154	19.617	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16762	20.423	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	63772	18.696	ug/l	99
94) Hexachlorobutadiene	15.506	225	35269	18.952	ug/l	97
95) Naphthalene	15.647	128	194004	18.644	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	61654	19.339	ug/l	97

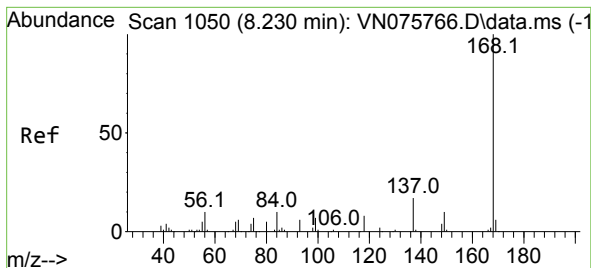
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076240.D

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Instrument :

MSVOA_N

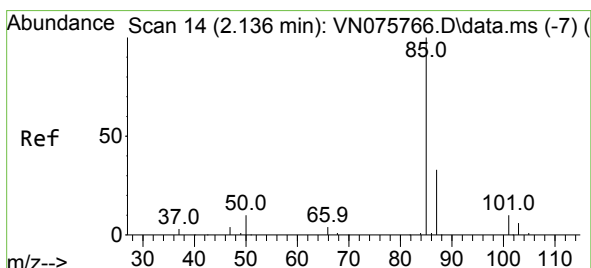
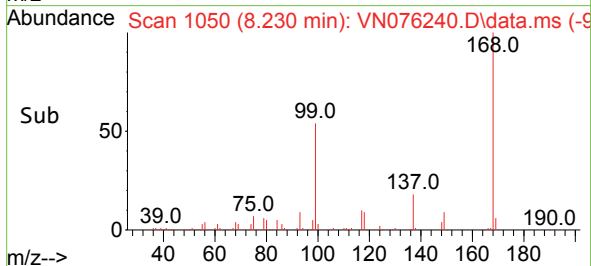
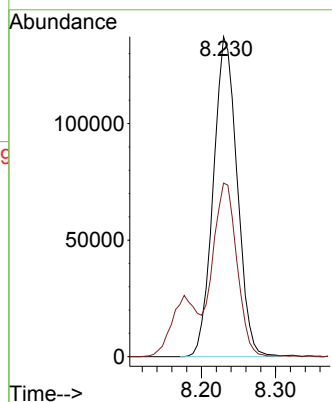
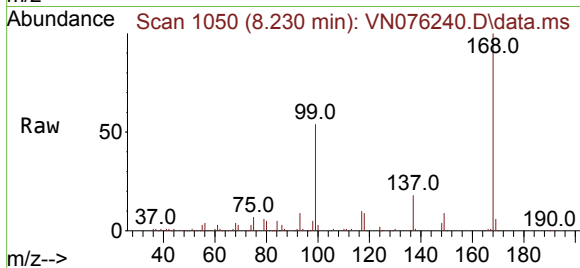
ClientSampleId :

Tgt Ion:168 Resp: 306813

Ion Ratio Lower Upper

168 100

99 54.0 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 24.557 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN076240.D

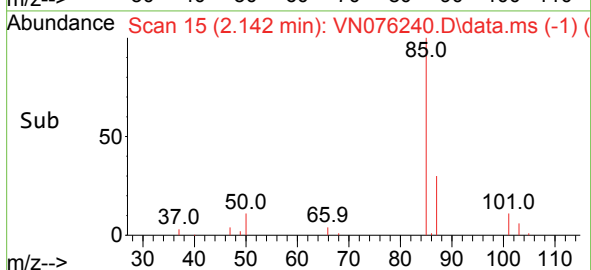
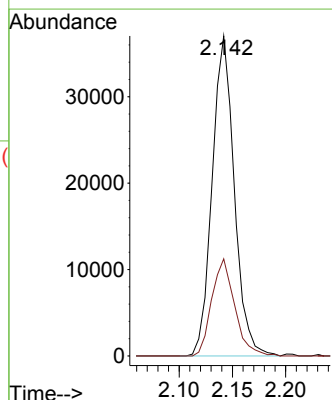
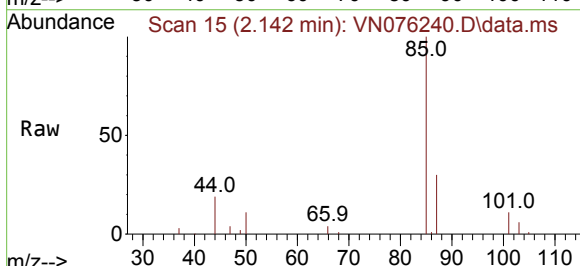
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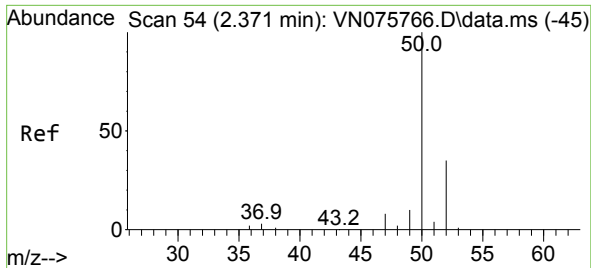
Tgt Ion: 85 Resp: 53497

Ion Ratio Lower Upper

85 100

87 30.3 16.3 48.9

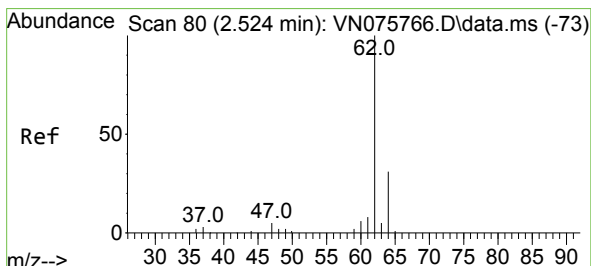
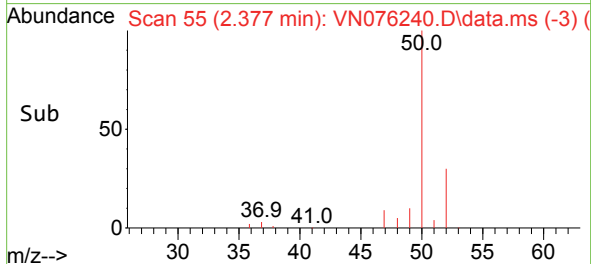
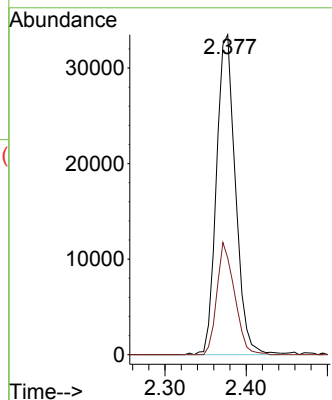
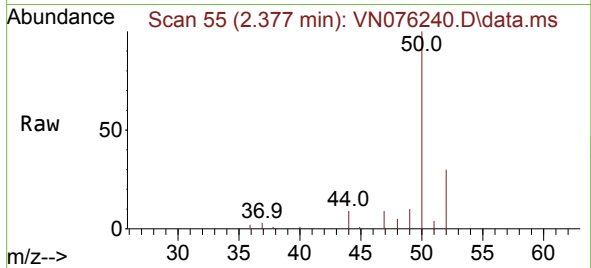




#3
Chloromethane
Concen: 20.112 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

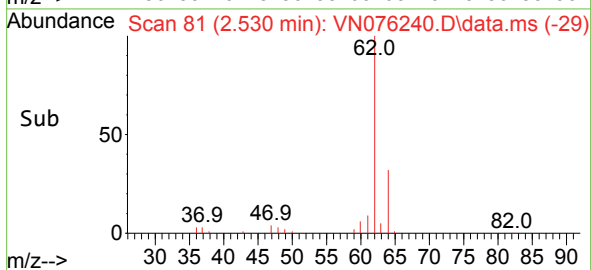
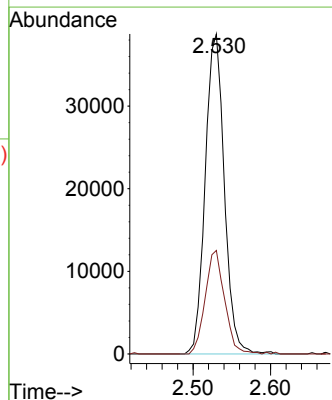
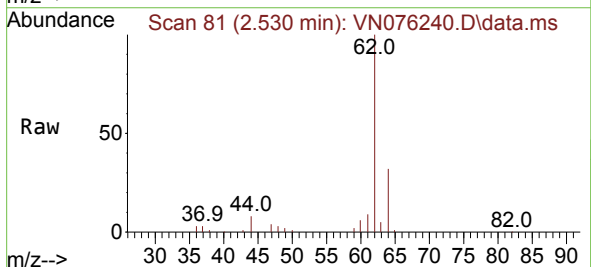
Instrument :
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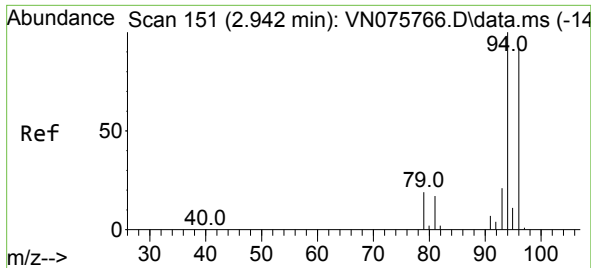
Tgt Ion: 50 Resp: 54482
Ion Ratio Lower Upper
50 100
52 30.2 27.7 41.5



#4
Vinyl Chloride
Concen: 20.486 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion: 62 Resp: 66196
Ion Ratio Lower Upper
62 100
64 32.4 24.9 37.3

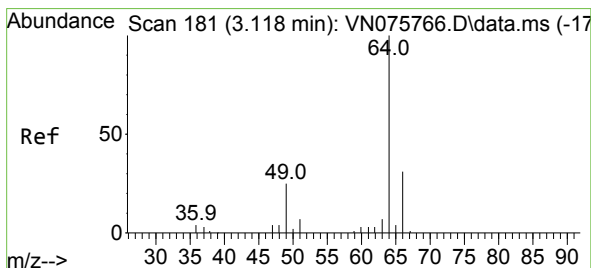
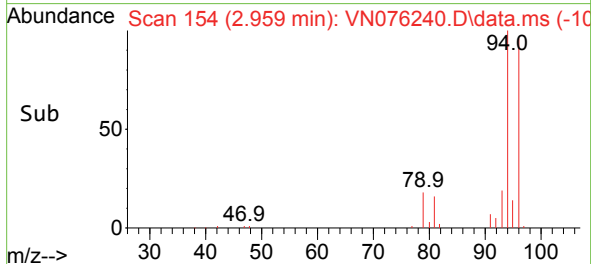
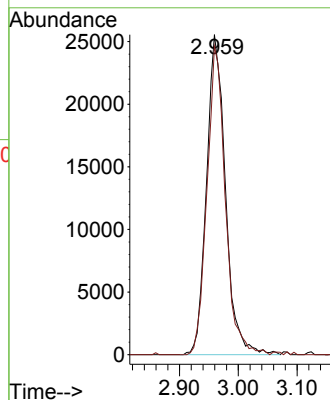
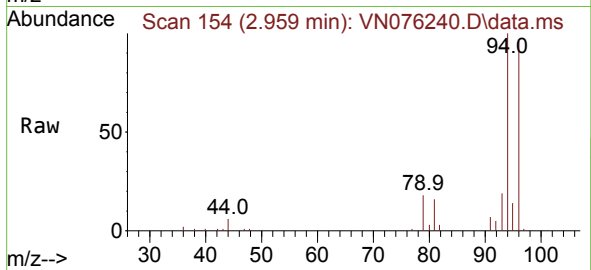




#5
Bromomethane
Concen: 20.826 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

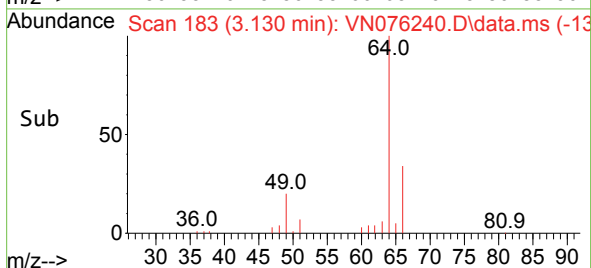
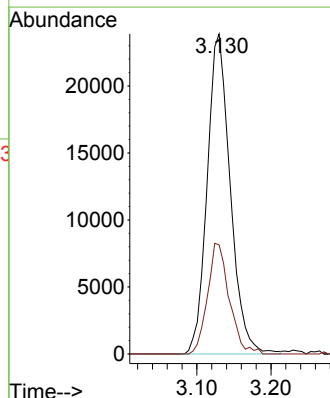
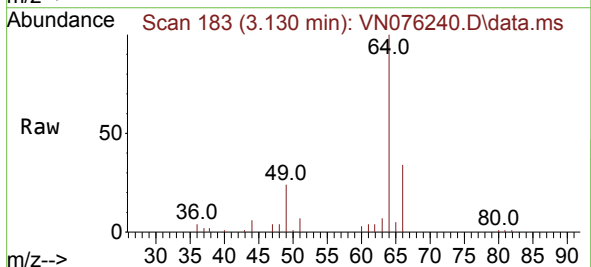
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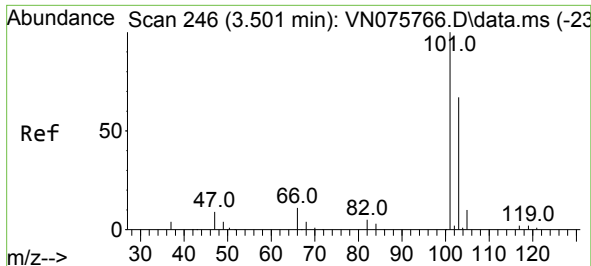
Tgt Ion: 94 Resp: 57192
Ion Ratio Lower Upper
94 100
96 96.4 73.8 110.6



#6
Chloroethane
Concen: 21.591 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion: 64 Resp: 51666
Ion Ratio Lower Upper
64 100
66 34.1 24.6 36.8

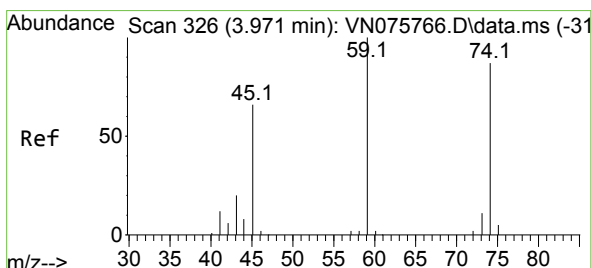
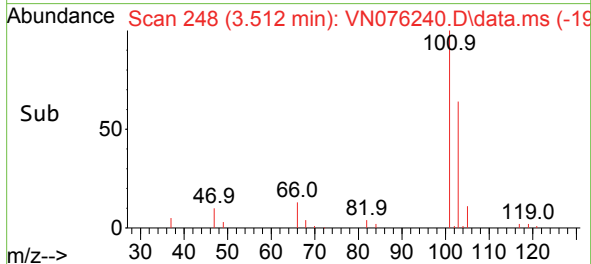
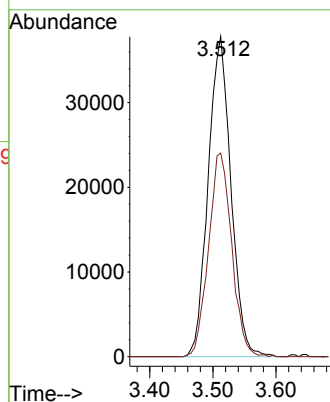
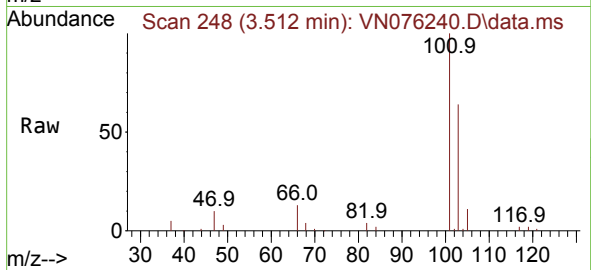




#7
Trichlorofluoromethane
Concen: 19.336 ug/l
RT: 3.512 min Scan# 246
Delta R.T. 0.012 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

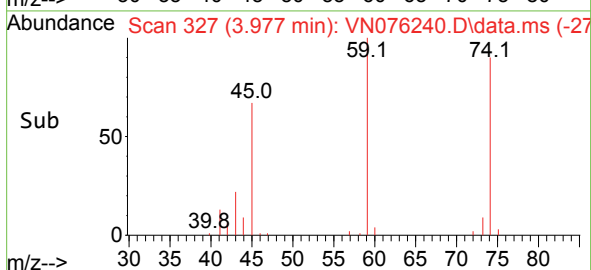
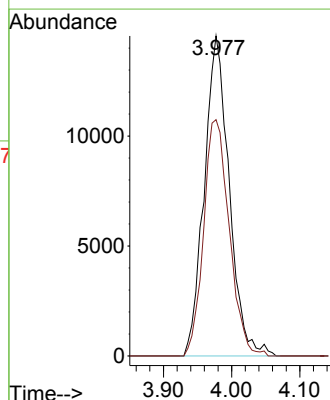
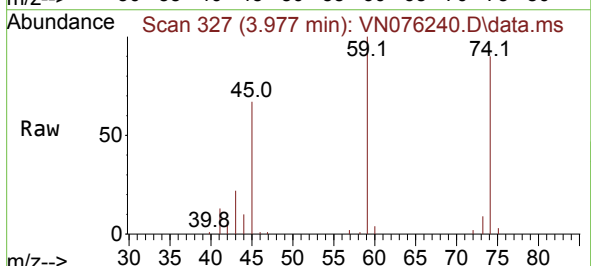
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ClientSampleId :

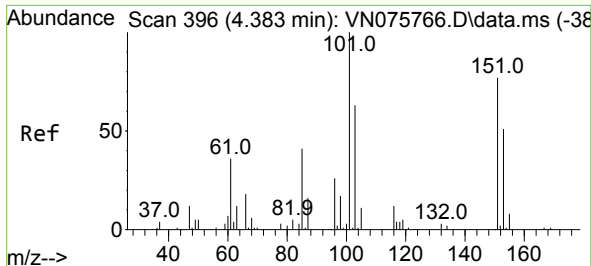
Tgt Ion:101 Resp: 94810
Ion Ratio Lower Upper
101 100
103 63.7 53.4 80.2



#8
Diethyl Ether
Concen: 20.664 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion: 74 Resp: 37006
Ion Ratio Lower Upper
74 100
45 75.8 37.8 113.4

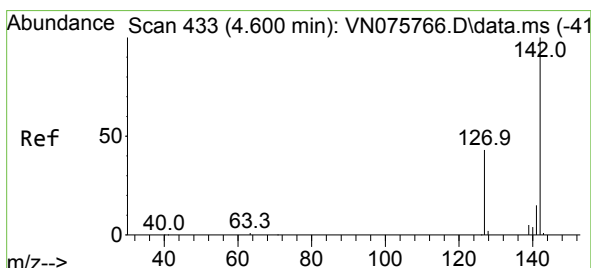
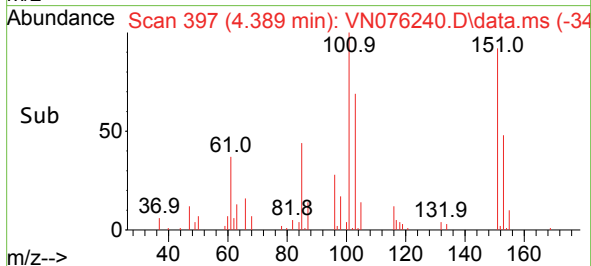
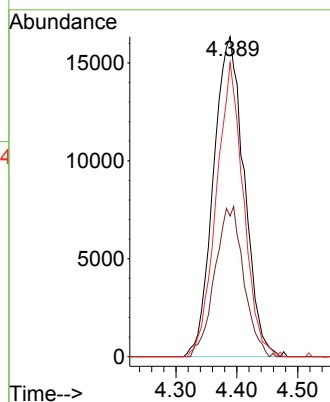
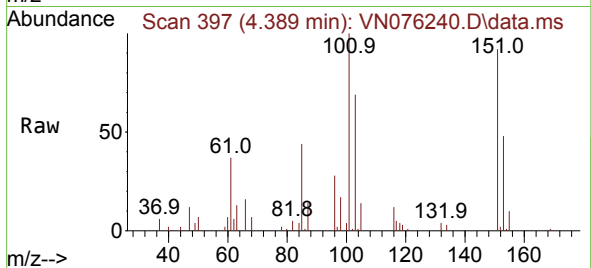




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.425 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN076240.D
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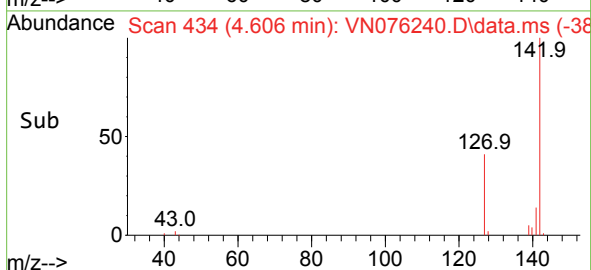
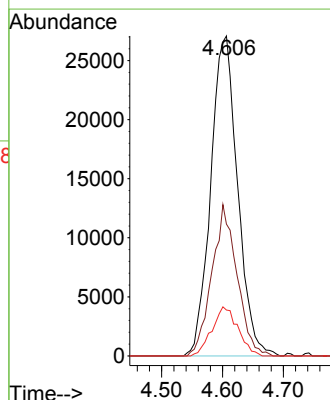
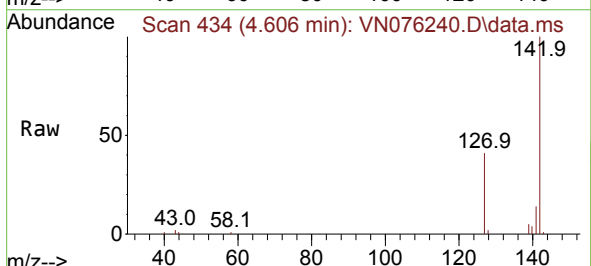
Instrument :
MSVOA_N
ClientSampleId :

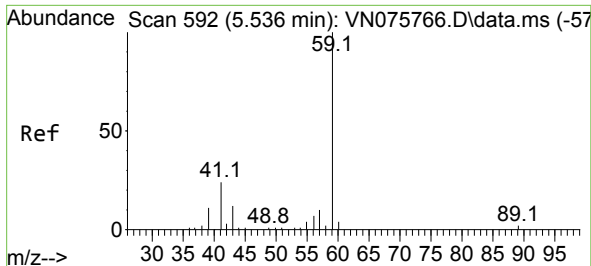
Tgt Ion:101 Resp: 57186
Ion Ratio Lower Upper
101 100
85 44.3 35.3 52.9
151 81.4 65.6 98.4



#10
Methyl Iodide
Concen: 18.282 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

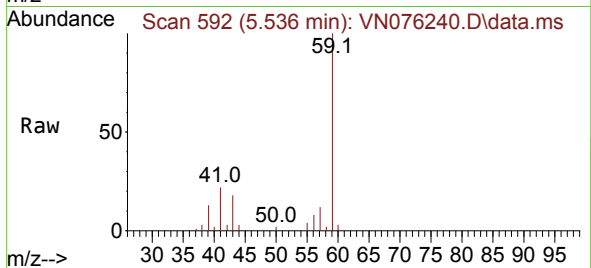
Tgt Ion:142 Resp: 83071
Ion Ratio Lower Upper
142 100
127 44.1 34.7 52.1
141 14.9 11.4 17.2



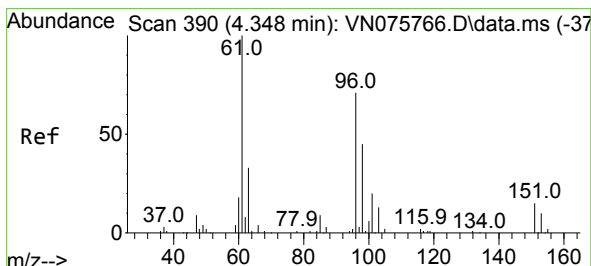
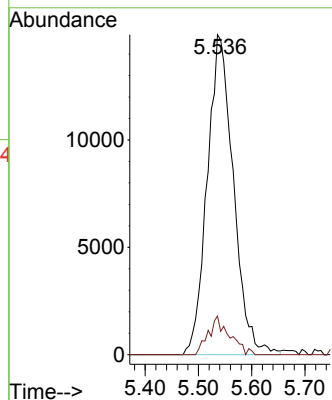
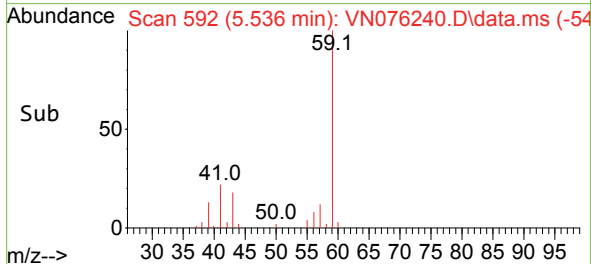


#11
Tert butyl alcohol
Concen: 107.597 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

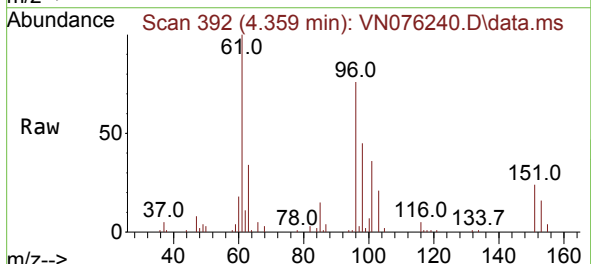
Instrument :
MSVOA_N
ClientSampleId :



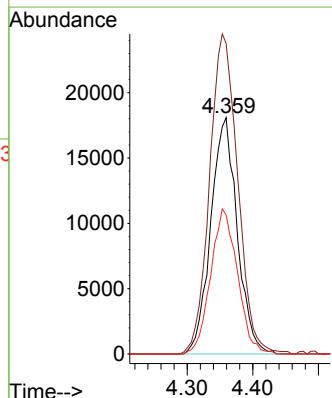
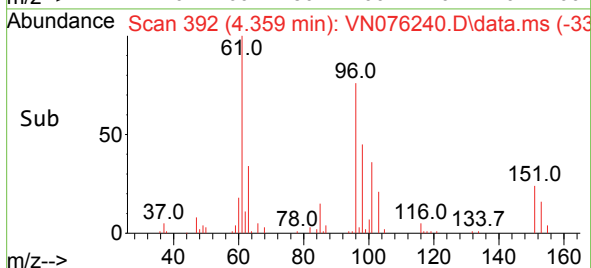
Tgt Ion: 59 Resp: 50818
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

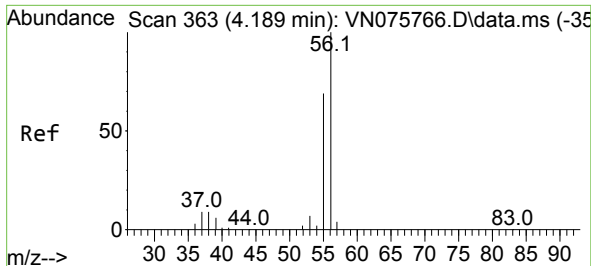


#12
1,1-Dichloroethene
Concen: 18.651 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50



Tgt Ion: 96 Resp: 50716
Ion Ratio Lower Upper
96 100
61 131.5 113.3 169.9
98 58.8 50.9 76.3

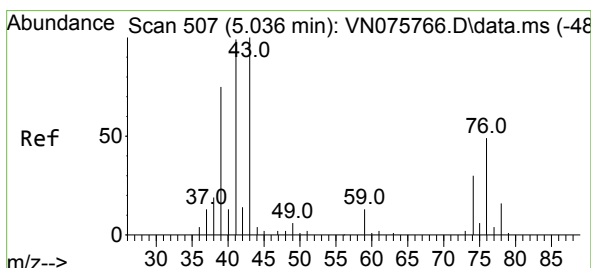
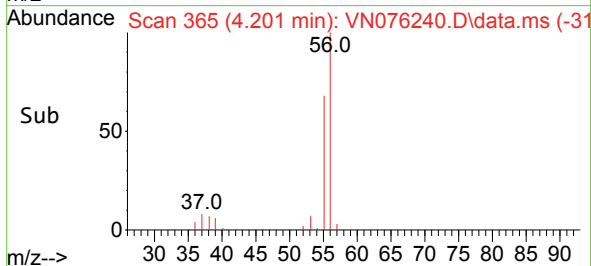
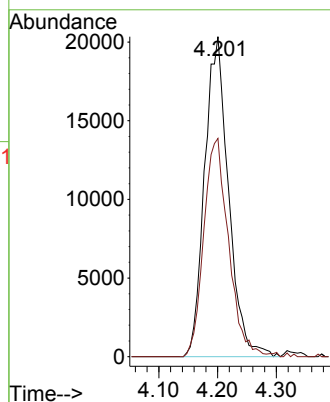
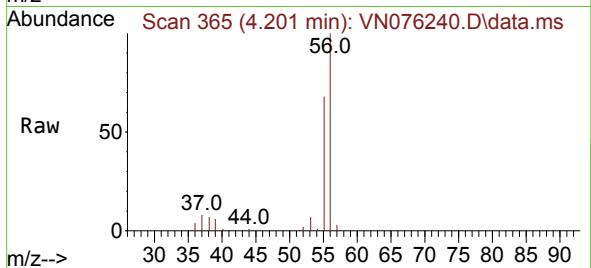




#13
Acrolein
Concen: 99.186 ug/l
RT: 4.201 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

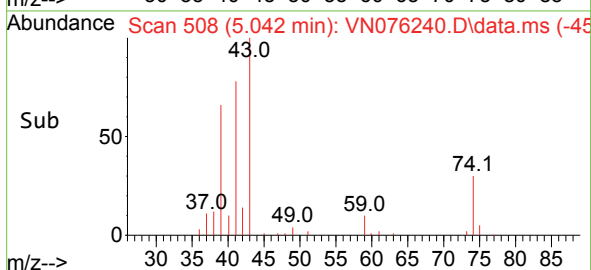
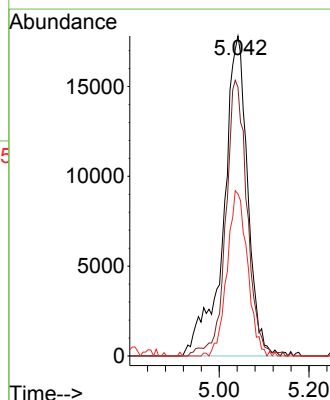
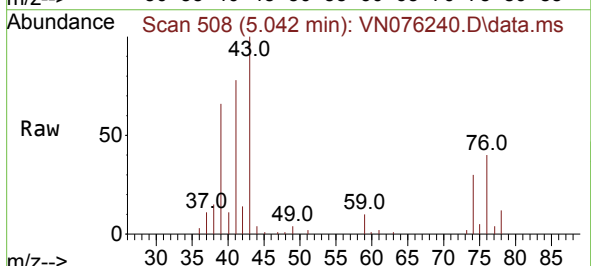
Instrument :
MSVOA_N
ClientSampleId :

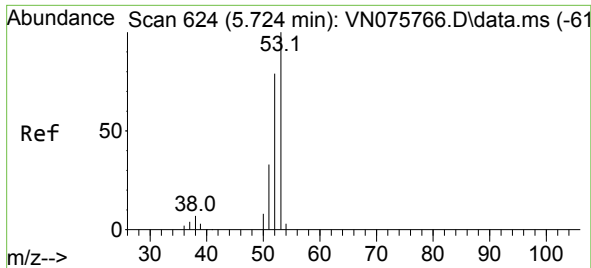
Tgt Ion: 56 Resp: 57431
Ion Ratio Lower Upper
56 100
55 70.6 54.8 82.2



#14
Allyl chloride
Concen: 20.960 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion: 41 Resp: 66628
Ion Ratio Lower Upper
41 100
39 76.0 58.3 87.5
76 43.7 35.8 53.6

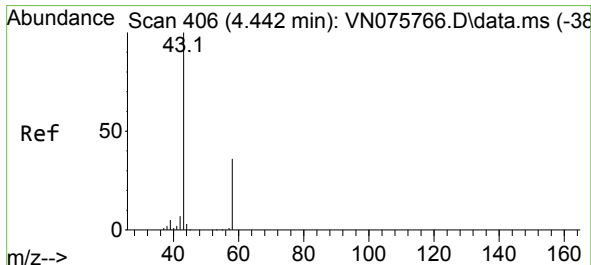
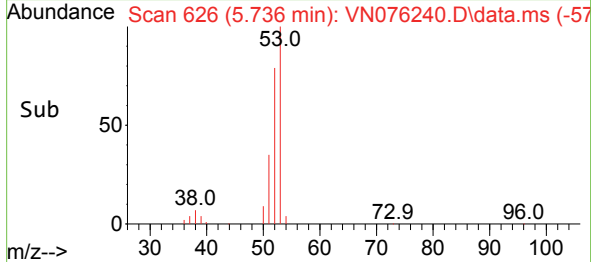
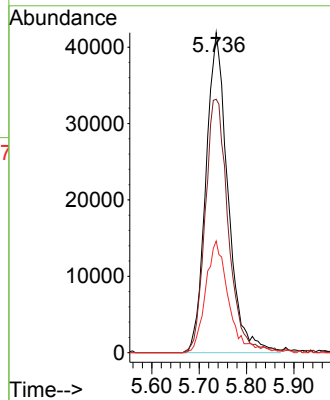
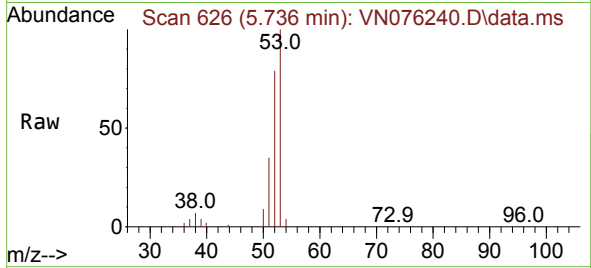




#15
Acrylonitrile
Concen: 105.164 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

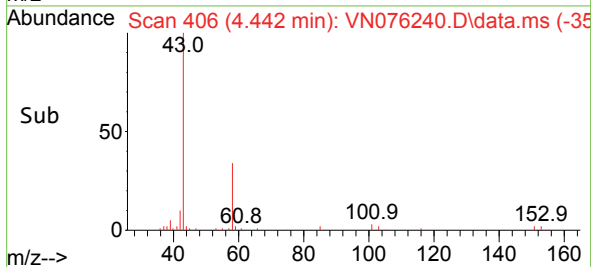
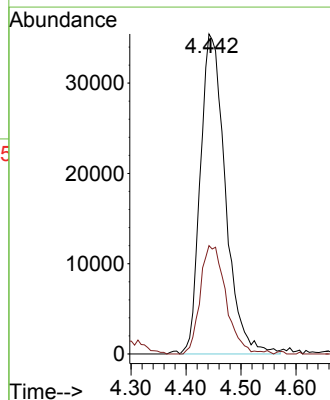
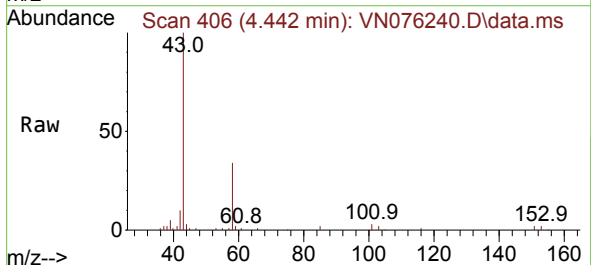
Instrument :
MSVOA_N
ClientSampleId :

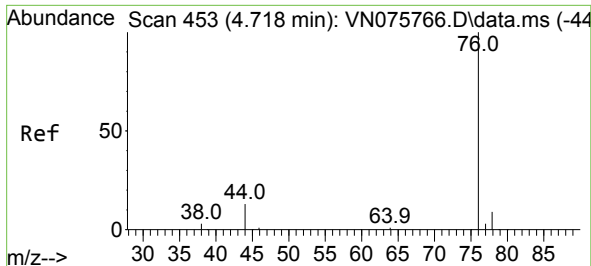
Tgt Ion: 53 Resp: 135544
Ion Ratio Lower Upper
53 100
52 82.9 65.4 98.0
51 36.6 28.9 43.3



#16
Acetone
Concen: 97.460 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion: 43 Resp: 112139
Ion Ratio Lower Upper
43 100
58 33.9 28.6 43.0

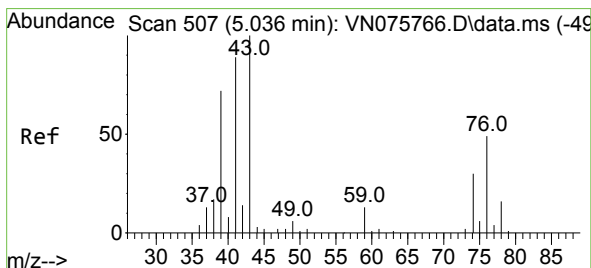
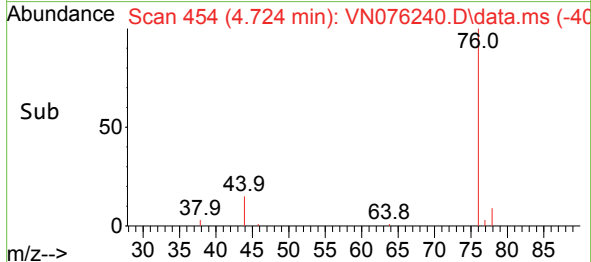
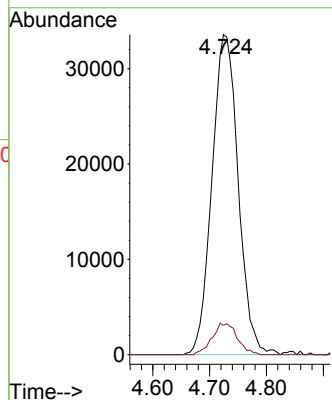
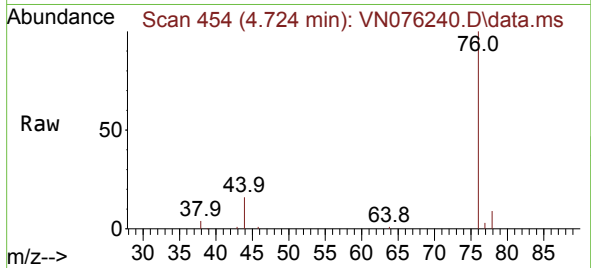




#17
Carbon Disulfide
Concen: 16.368 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

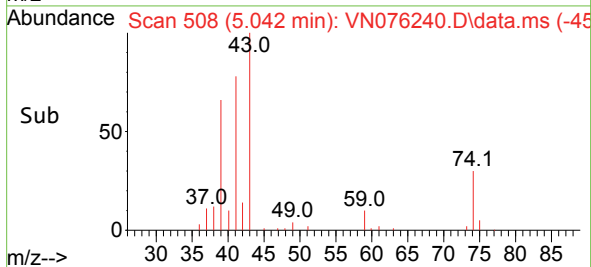
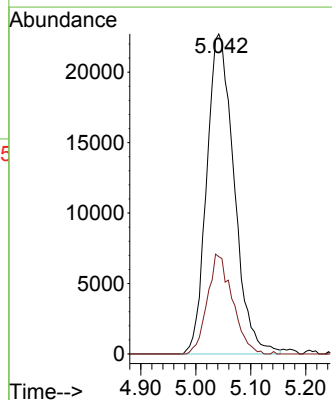
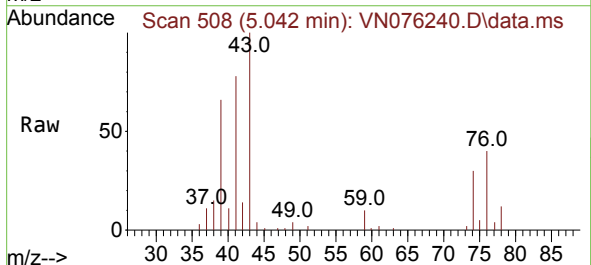
Instrument :
MSVOA_N
ClientSampleId :

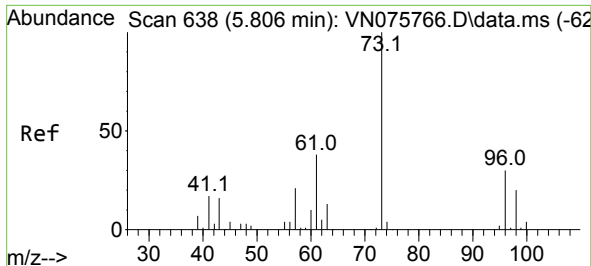
Tgt Ion: 76 Resp: 107763
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 23.099 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion: 43 Resp: 78562
Ion Ratio Lower Upper
43 100
74 28.6 23.6 35.4

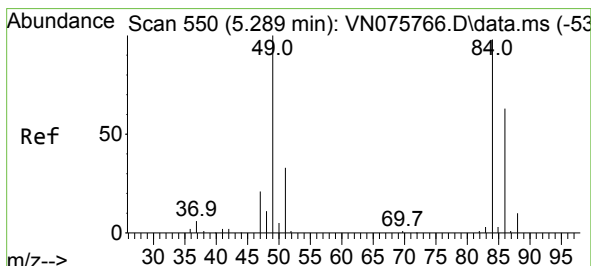
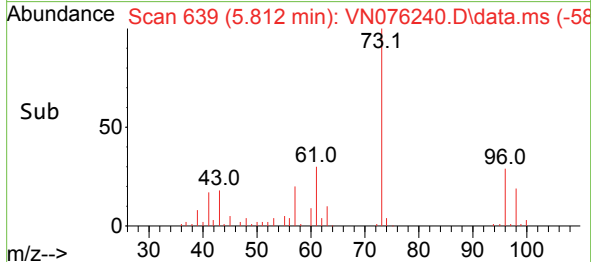
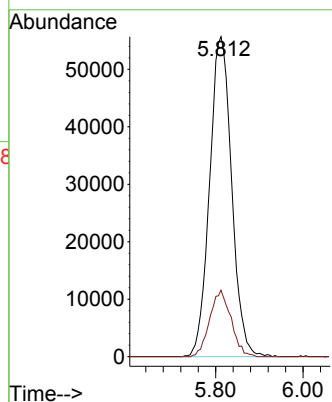
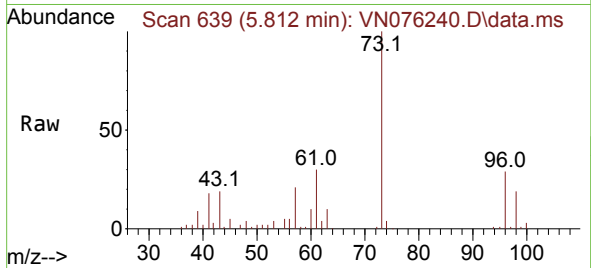




#19
Methyl tert-butyl Ether
Concen: 21.777 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

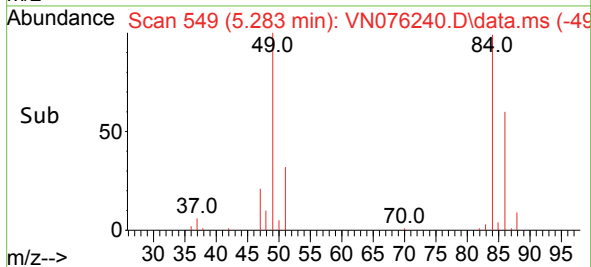
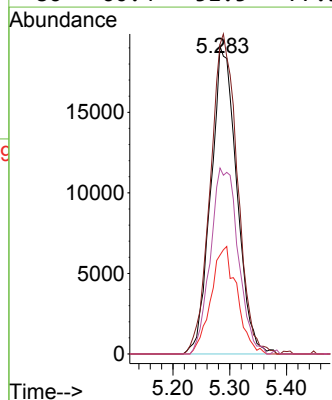
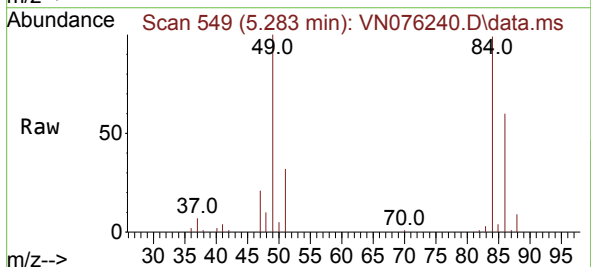
Instrument :
MSVOA_N
ClientSampleId :

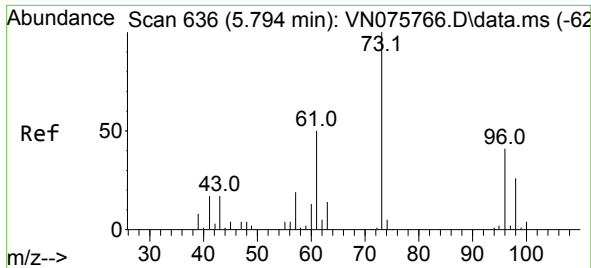
Tgt Ion: 73 Resp: 195006
Ion Ratio Lower Upper
73 100
57 20.8 17.1 25.7



#20
Methylene Chloride
Concen: 19.210 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion: 84 Resp: 60343
Ion Ratio Lower Upper
84 100
49 100.7 81.8 122.6
51 32.1 26.7 40.1
86 60.4 51.5 77.3

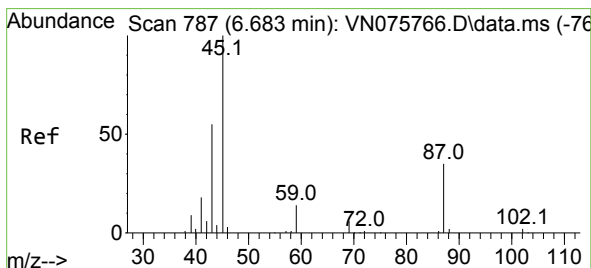
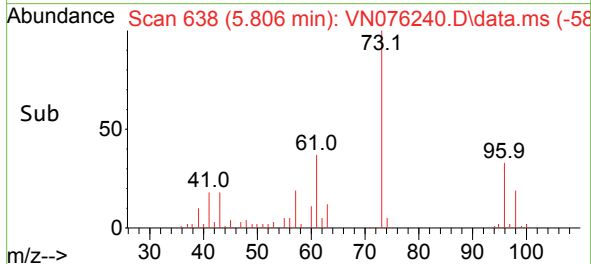
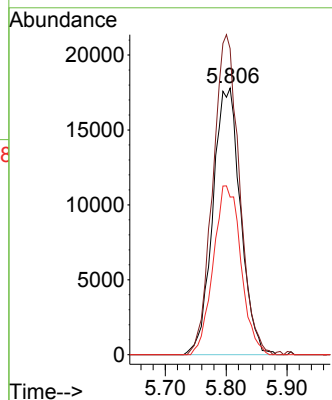
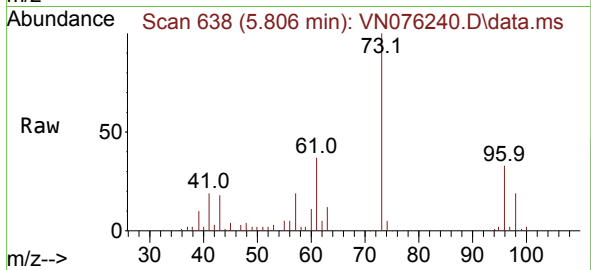




#21
trans-1,2-Dichloroethene
Concen: 18.861 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

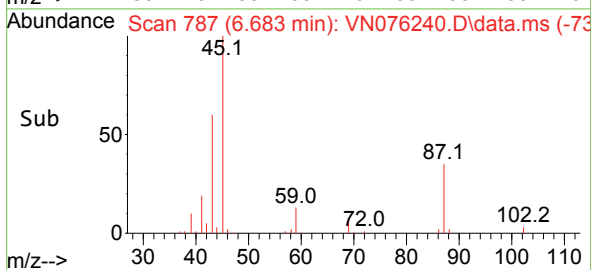
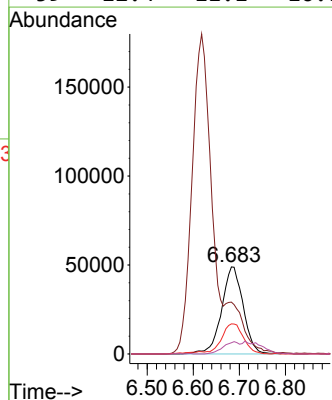
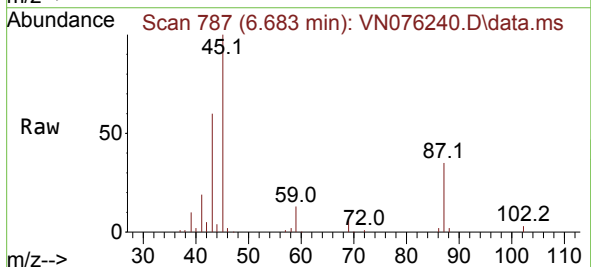
Instrument :
MSVOA_N
ClientSampleId :

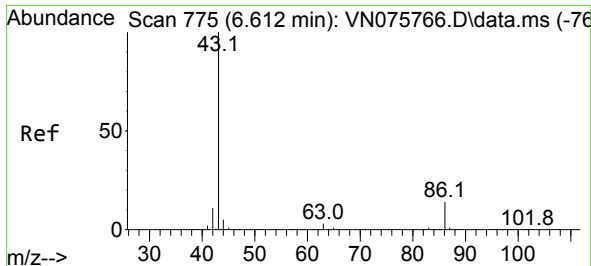
Tgt Ion: 96 Resp: 56168
Ion Ratio Lower Upper
96 100
61 114.8 98.1 147.1
98 59.1 51.4 77.2



#22
Diisopropyl ether
Concen: 20.575 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion: 45 Resp: 158884
Ion Ratio Lower Upper
45 100
43 58.1 44.2 66.4
87 34.6 28.3 42.5
59 12.4 11.1 16.7

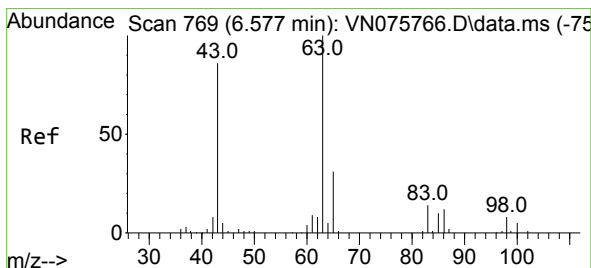
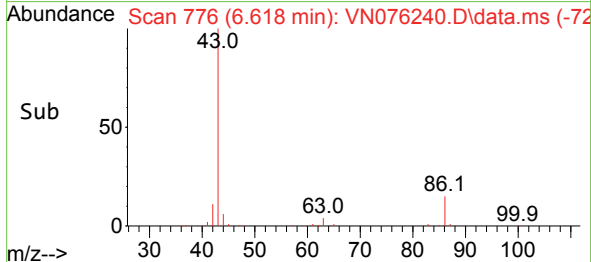
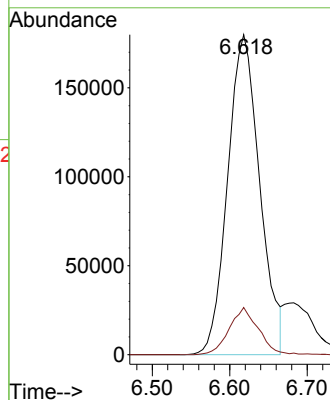
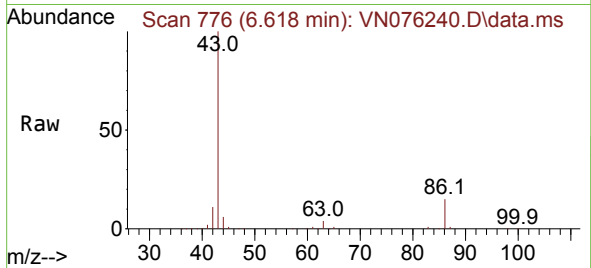




#23
 Vinyl Acetate
 Concen: 99.695 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VN076240.D
 Acq: 13 Jan 2023 11:50

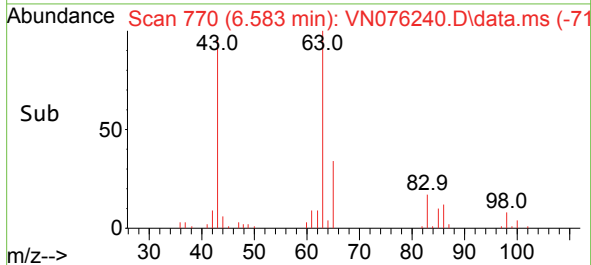
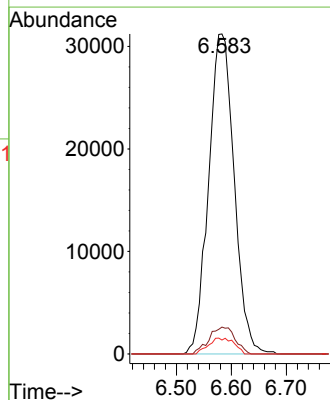
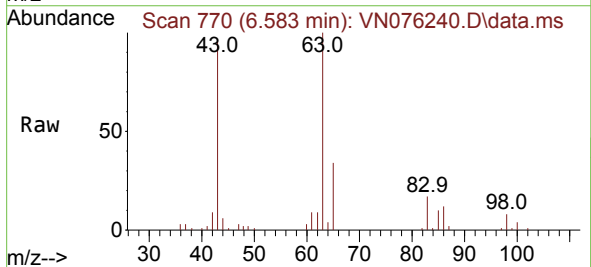
Instrument :
 MSVOA_N
 ClientSampleId :

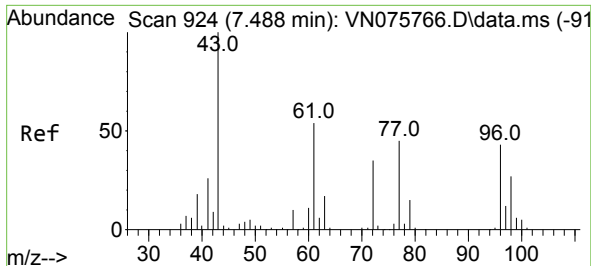
Tgt Ion: 43 Resp: 518171
 Ion Ratio Lower Upper
 43 100
 86 14.8 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 19.608 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076240.D
 Acq: 13 Jan 2023 11:50

Tgt Ion: 63 Resp: 100979
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.9 11.5
 100 4.3 2.5 7.6

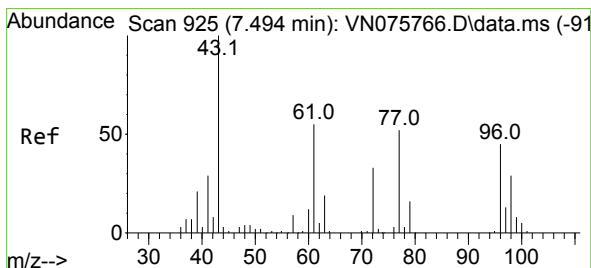
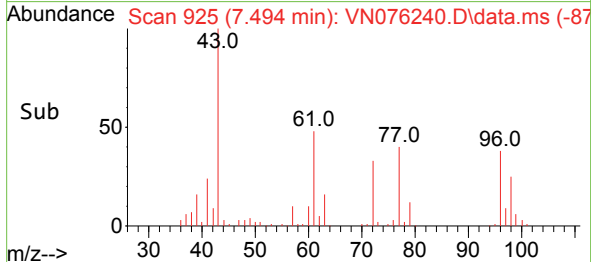
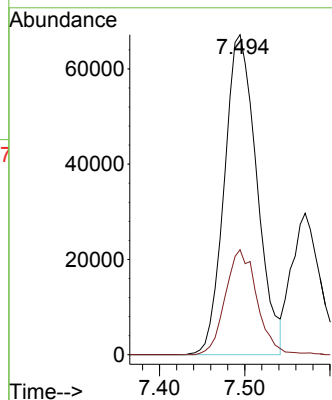
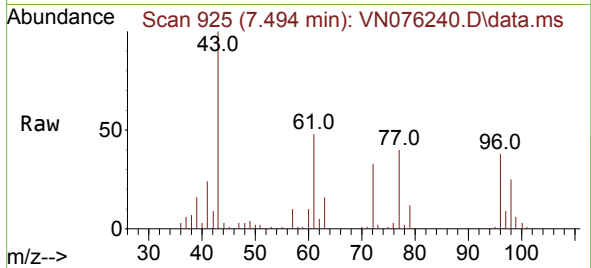




#25
2-Butanone
Concen: 110.378 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

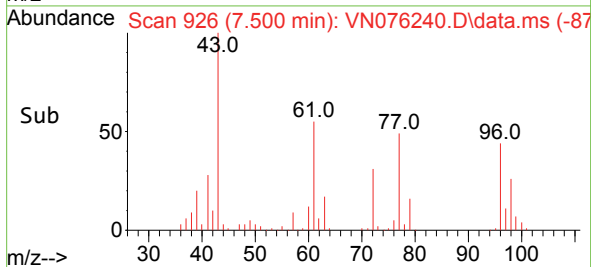
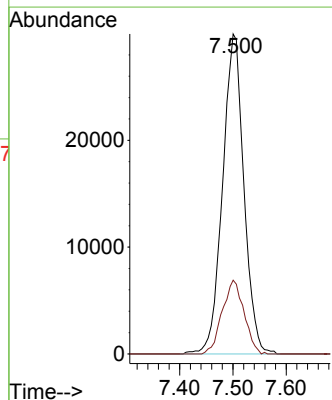
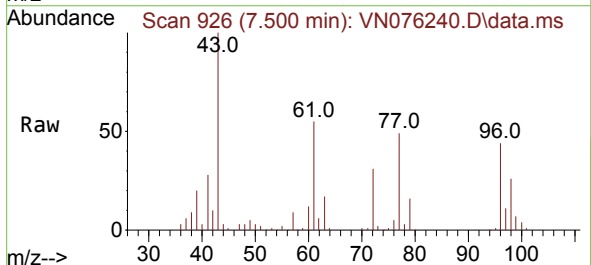
Instrument :
MSVOA_N
ClientSampleId :

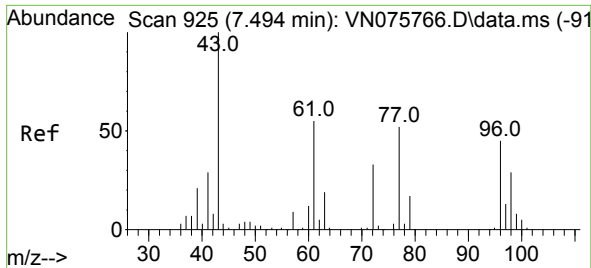
Tgt Ion: 43 Resp: 177827
Ion Ratio Lower Upper
43 100
72 32.8 28.0 42.0



#26
2,2-Dichloropropane
Concen: 19.064 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion: 77 Resp: 83145
Ion Ratio Lower Upper
77 100
97 23.7 12.7 38.0

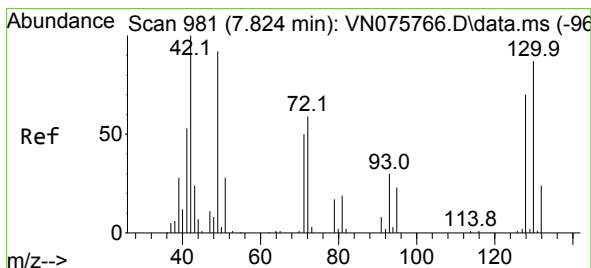
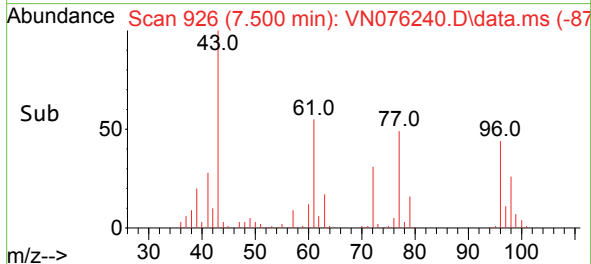
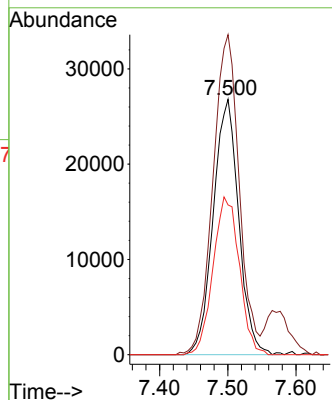
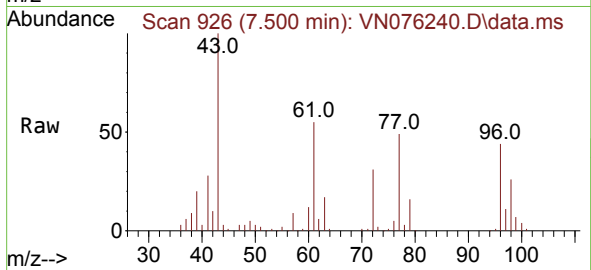




#27
 cis-1,2-Dichloroethene
 Concen: 19.557 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN076240.D
 Acq: 13 Jan 2023 11:50

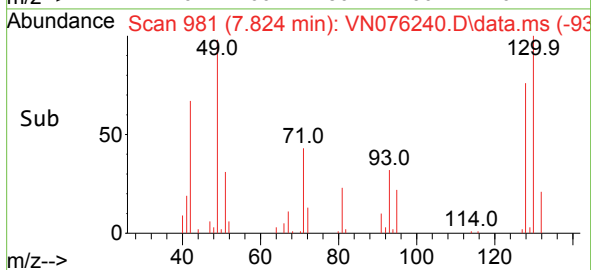
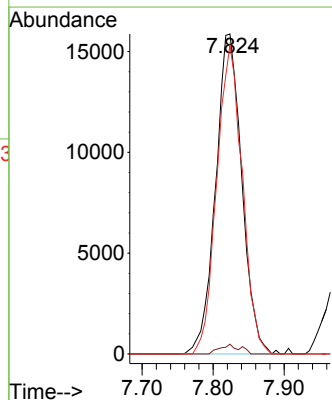
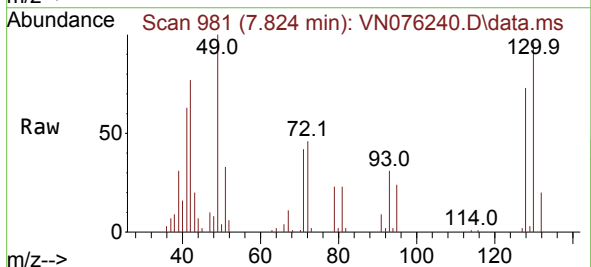
Instrument :
 MSVOA_N
 ClientSampleId :

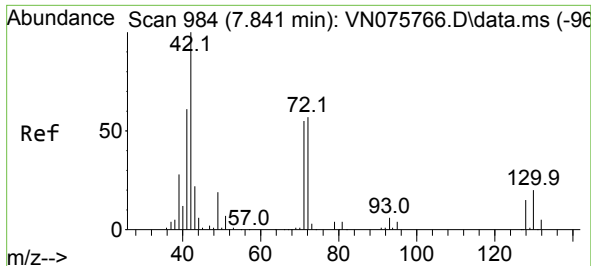
Tgt Ion: 96 Resp: 69656
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 247.8
 98 63.7 0.0 128.4



#28
 Bromochloromethane
 Concen: 18.006 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN076240.D
 Acq: 13 Jan 2023 11:50

Tgt Ion: 49 Resp: 40644
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.0
 130 93.9 77.0 115.4





#29

Tetrahydrofuran

Concen: 109.166 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

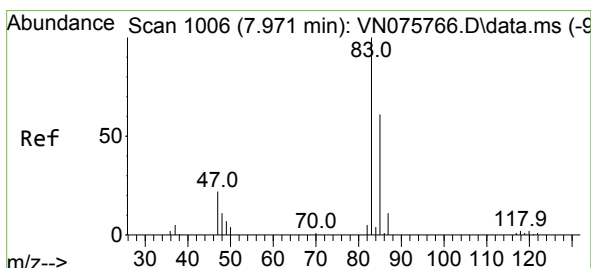
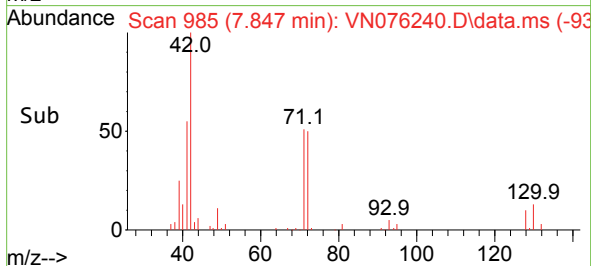
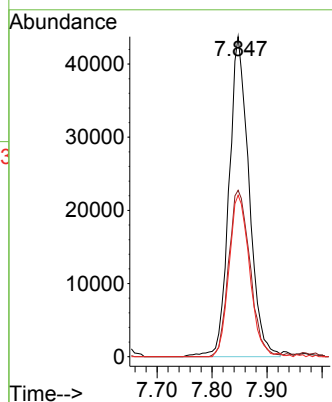
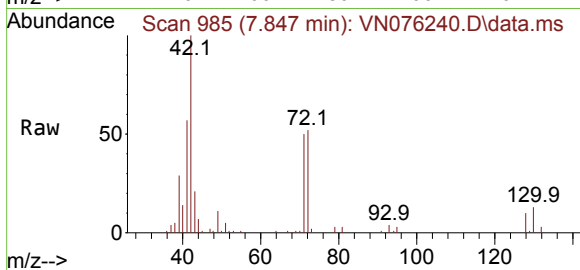
Tgt Ion: 42 Resp: 110216

Ion Ratio Lower Upper

42 100

72 55.6 44.5 66.7

71 51.7 41.0 61.6



#30

Chloroform

Concen: 19.438 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN076240.D

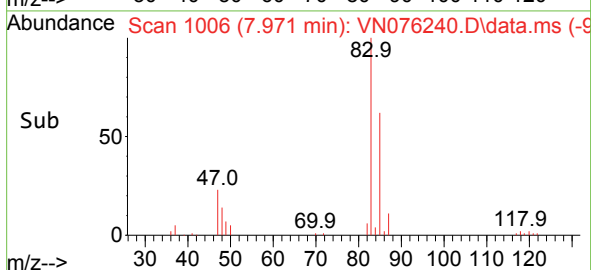
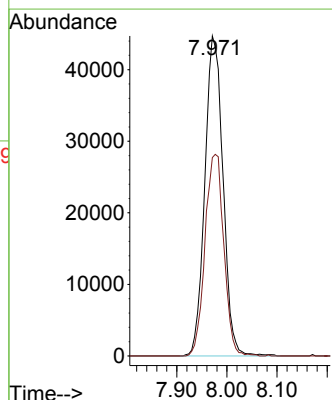
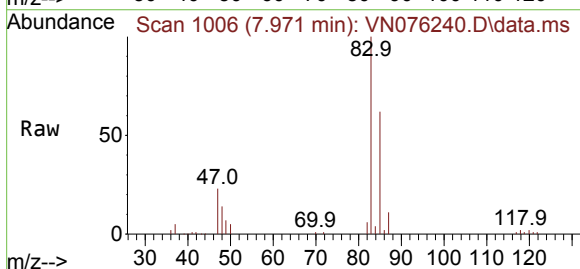
Acq: 13 Jan 2023 11:50

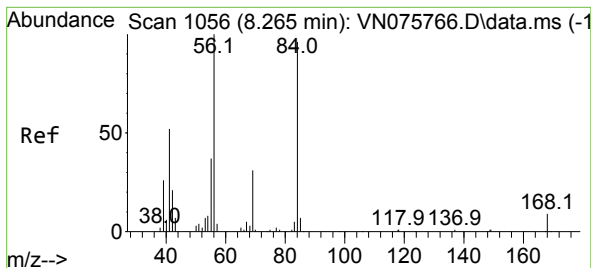
Tgt Ion: 83 Resp: 112711

Ion Ratio Lower Upper

83 100

85 62.0 49.1 73.7





#31

Cyclohexane

Concen: 18.963 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

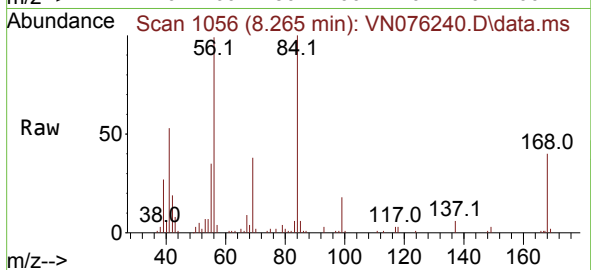
Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :



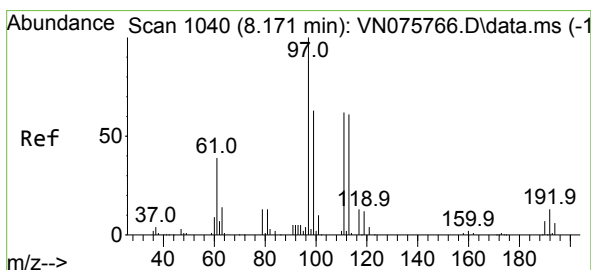
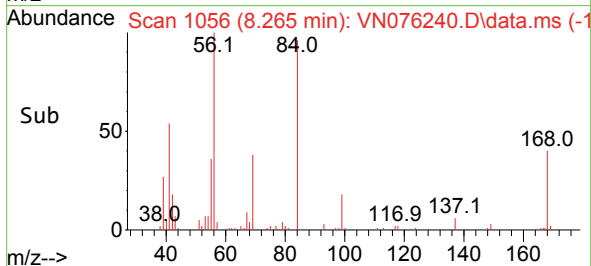
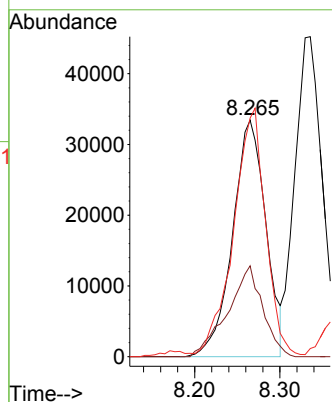
Tgt Ion: 56 Resp: 90652

Ion Ratio Lower Upper

56 100

69 38.4 24.7 37.1#

84 98.6 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 19.576 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

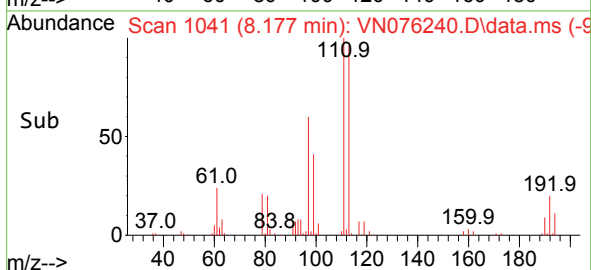
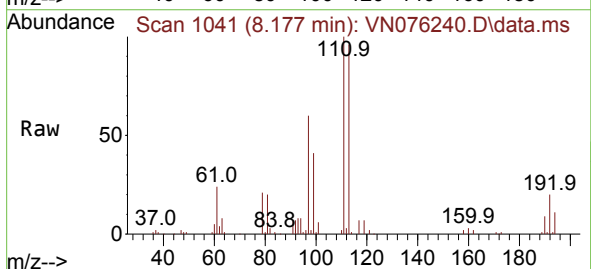
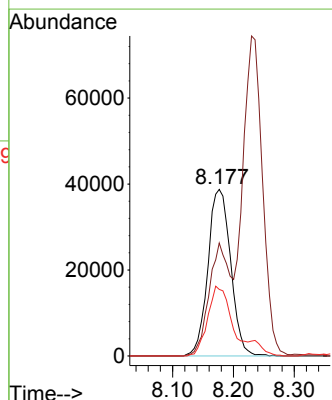
Tgt Ion: 97 Resp: 100632

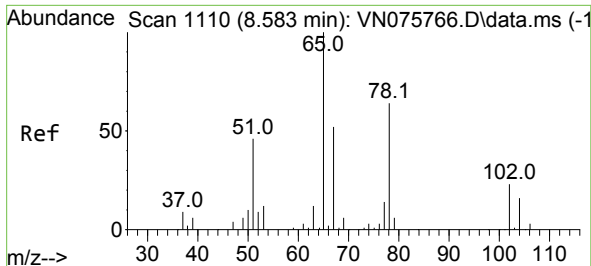
Ion Ratio Lower Upper

97 100

99 64.0 50.2 75.2

61 43.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 50.789 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

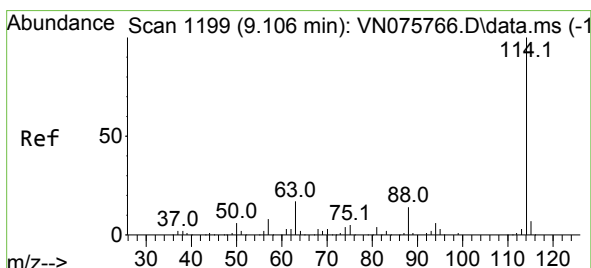
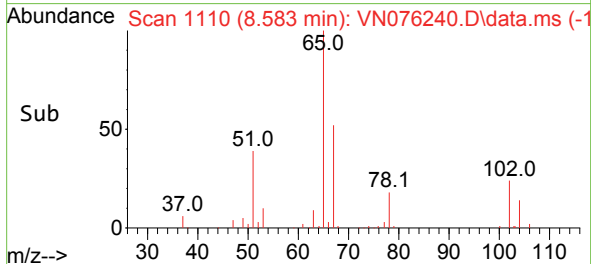
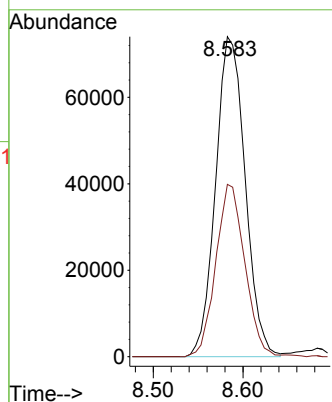
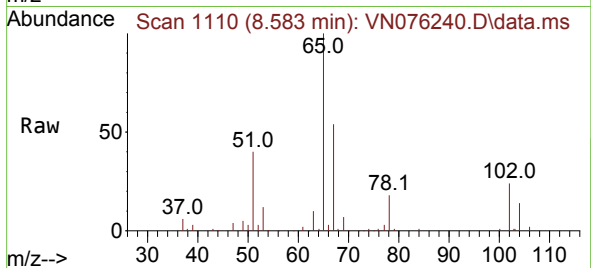
ClientSampleId :

Tgt Ion: 65 Resp: 169524

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

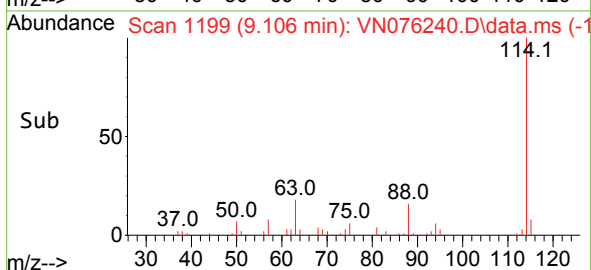
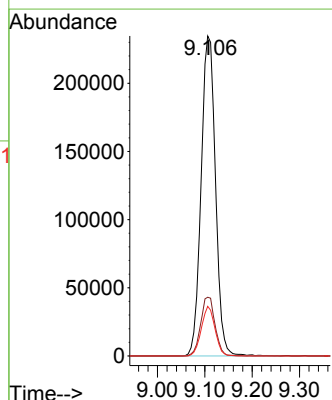
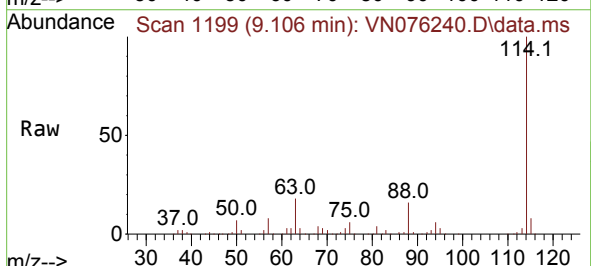
Tgt Ion: 114 Resp: 495146

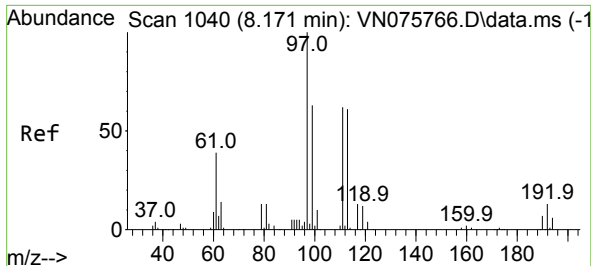
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.4

88 15.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.374 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

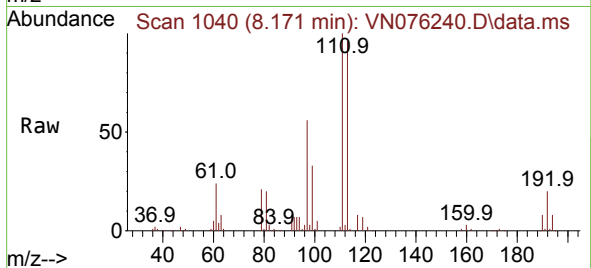
Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :



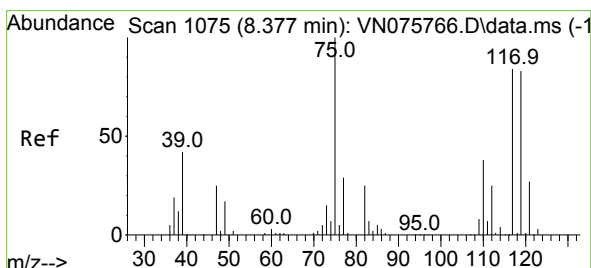
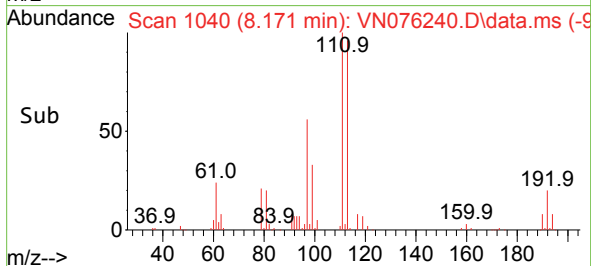
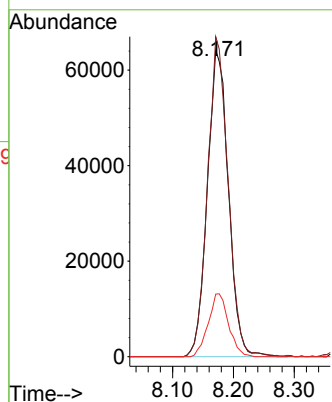
Tgt Ion:113 Resp: 154466

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

192 19.8 16.1 24.1



#36

1,1-Dichloropropene

Concen: 19.055 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

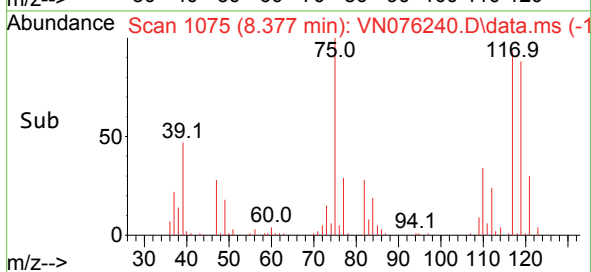
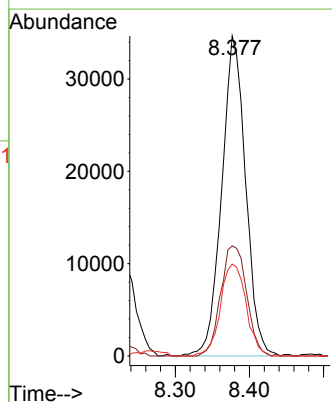
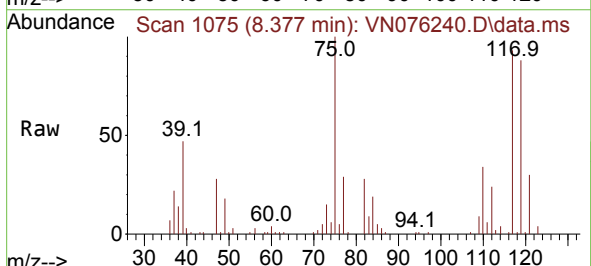
Tgt Ion: 75 Resp: 77618

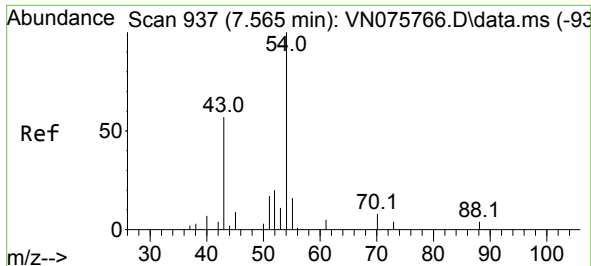
Ion Ratio Lower Upper

75 100

110 37.4 18.8 56.4

77 30.8 24.1 36.1

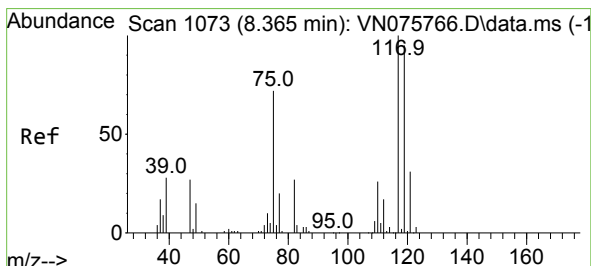
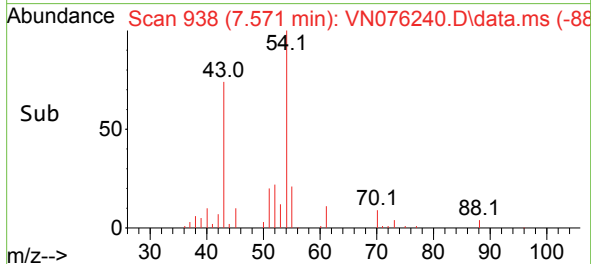
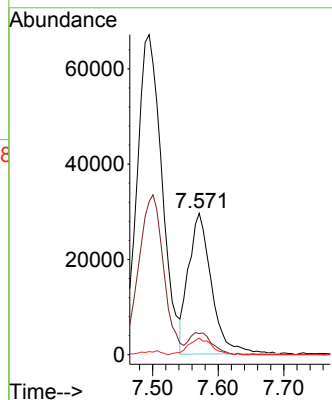
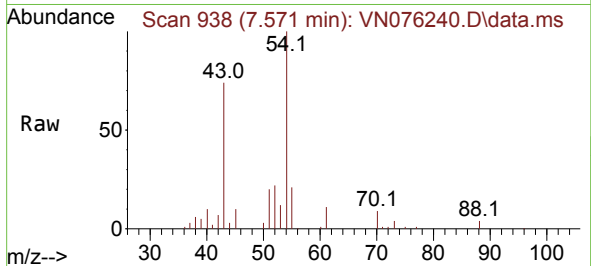




#37
Ethyl Acetate
Concen: 21.961 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

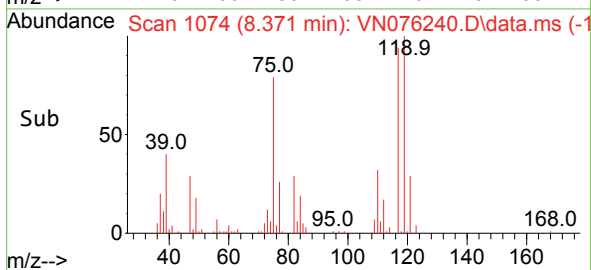
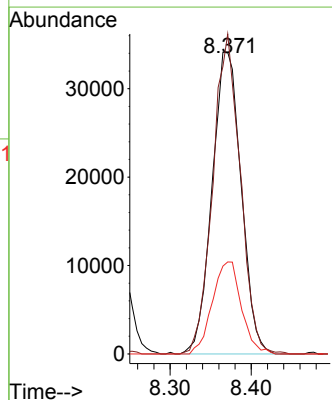
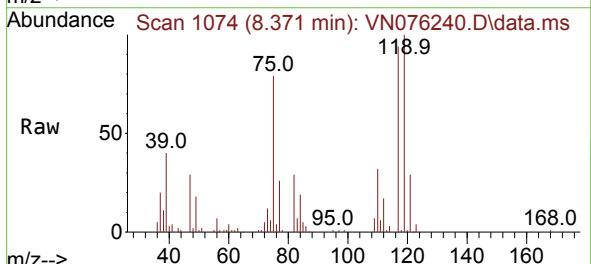
Instrument :
MSVOA_N
ClientSampleId :

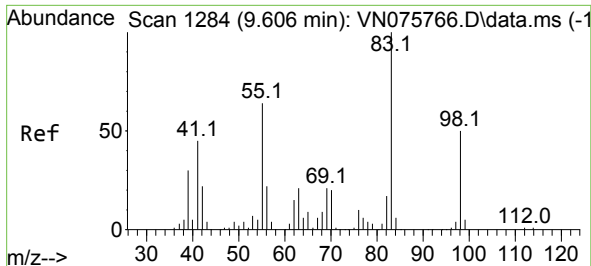
Tgt Ion: 43 Resp: 71855
Ion Ratio Lower Upper
43 100
61 15.5 13.0 19.4
70 11.9 9.4 14.0



#38
Carbon Tetrachloride
Concen: 18.661 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion: 117 Resp: 85077
Ion Ratio Lower Upper
117 100
119 106.0 76.1 114.1
121 30.5 24.5 36.7

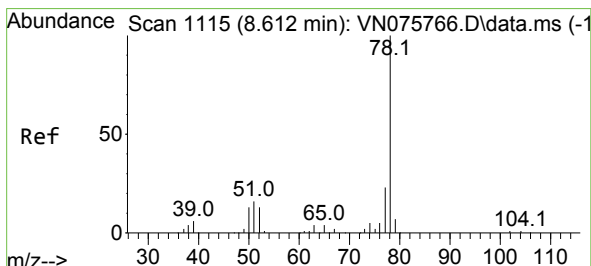
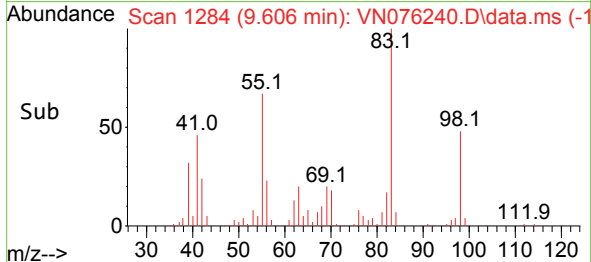
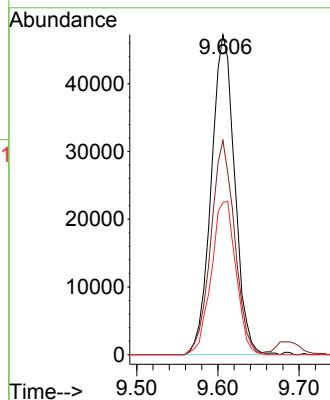
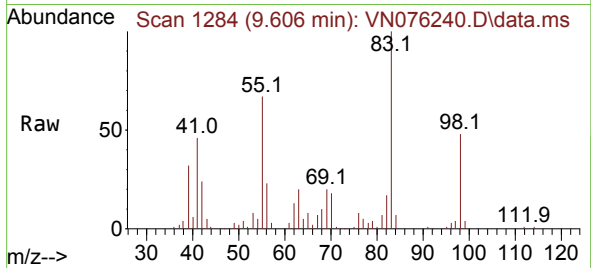




#39
Methylcyclohexane
Concen: 19.292 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

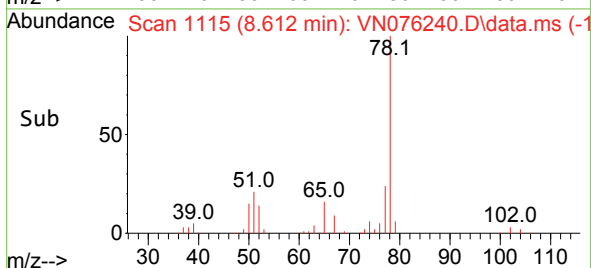
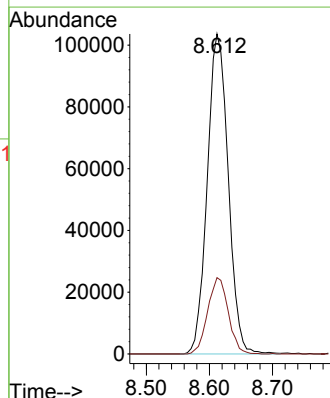
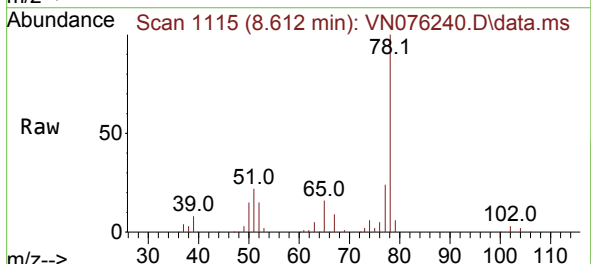
Instrument :
MSVOA_N
ClientSampleId :

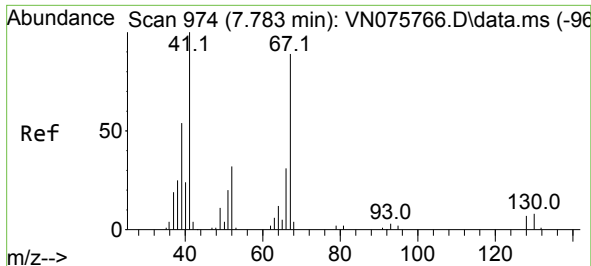
Tgt Ion: 83 Resp: 94807
Ion Ratio Lower Upper
83 100
55 67.0 51.4 77.0
98 47.6 39.8 59.8



#40
Benzene
Concen: 19.039 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

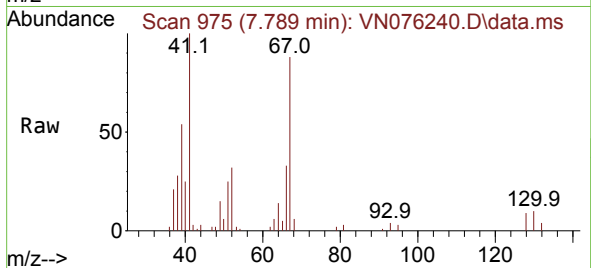
Tgt Ion: 78 Resp: 239274
Ion Ratio Lower Upper
78 100
77 23.9 18.5 27.7



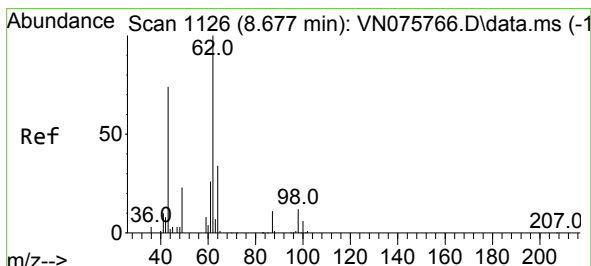
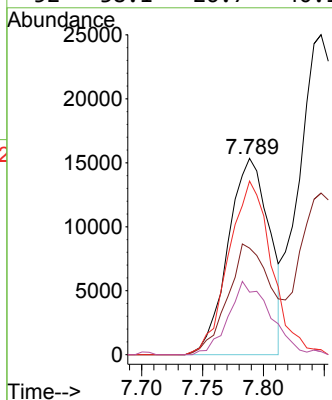
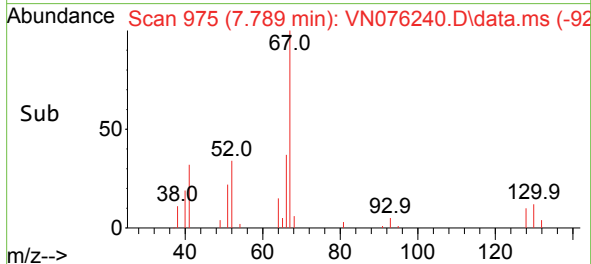


#41
Methacrylonitrile
Concen: 21.335 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Instrument :
MSVOA_N
ClientSampleId :

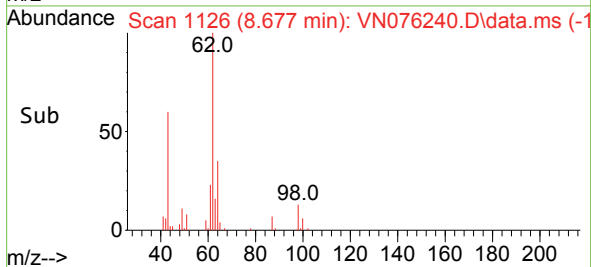
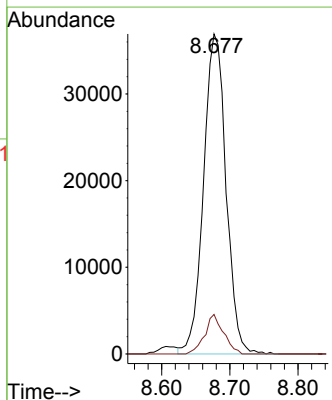
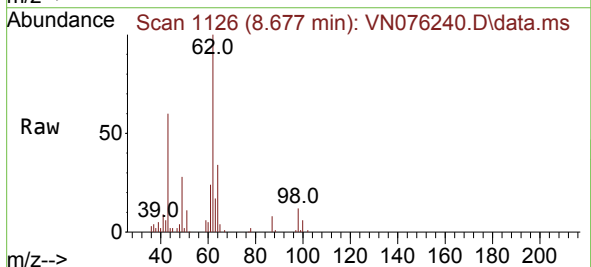


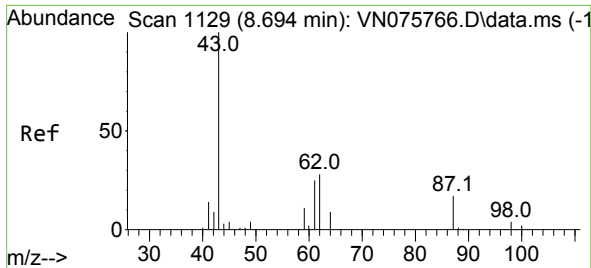
Tgt Ion: 41	Resp: 36285
Ion Ratio	Lower Upper
41 100	
39 60.8	43.1 64.7
67 92.5	70.7 106.1
52 38.1	26.7 40.1



#42
1,2-Dichloroethane
Concen: 20.301 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion: 62	Resp: 84823
Ion Ratio	Lower Upper
62 100	
98 10.3	0.0 20.8

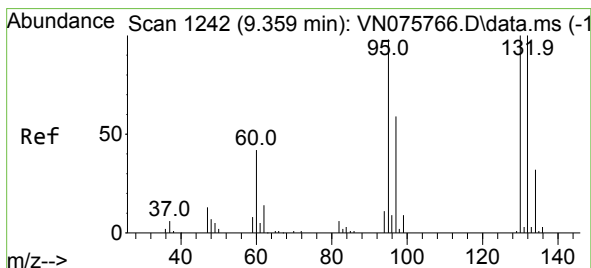
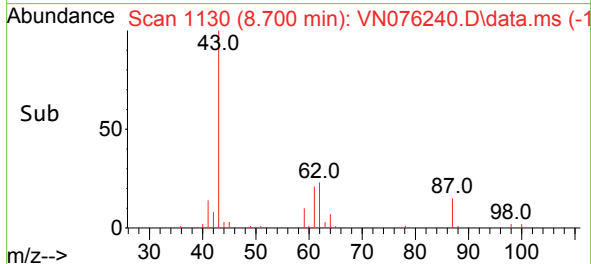
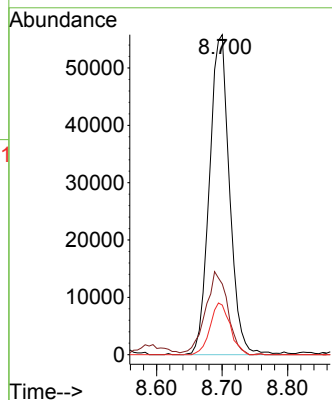
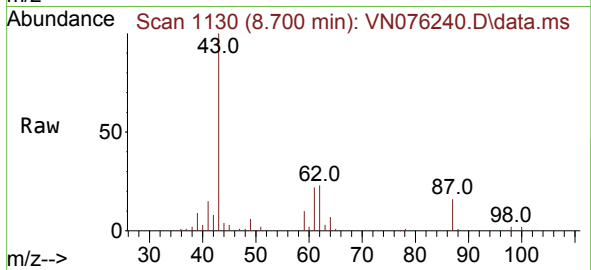




#43
Isopropyl Acetate
Concen: 22.003 ug/l
RT: 8.700 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

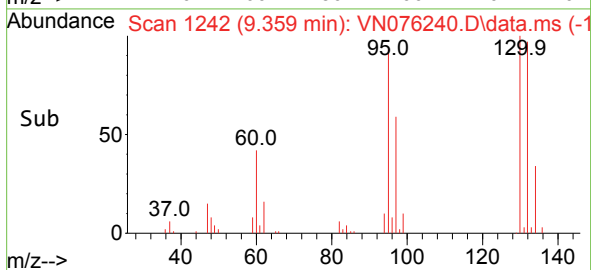
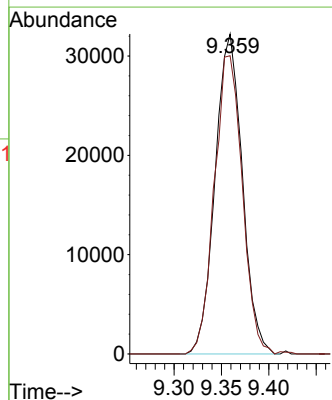
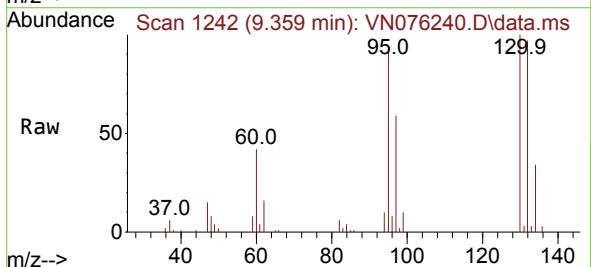
Instrument :
MSVOA_N
ClientSampleId :

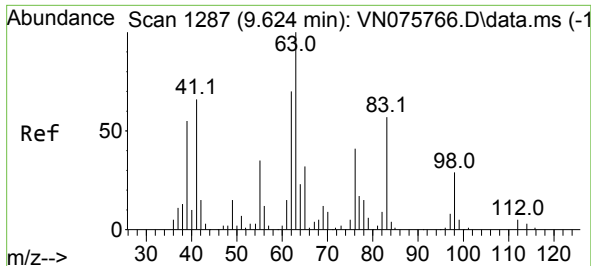
Tgt Ion: 43 Resp: 118758
Ion Ratio Lower Upper
43 100
61 28.7 24.2 36.4
87 16.1 13.3 19.9



#44
Trichloroethene
Concen: 18.171 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion:130 Resp: 64336
Ion Ratio Lower Upper
130 100
95 93.2 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.504 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

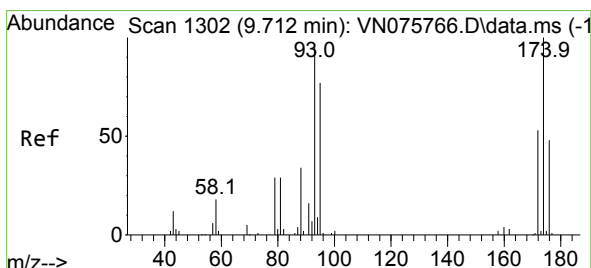
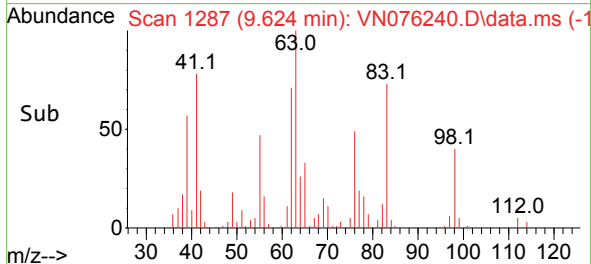
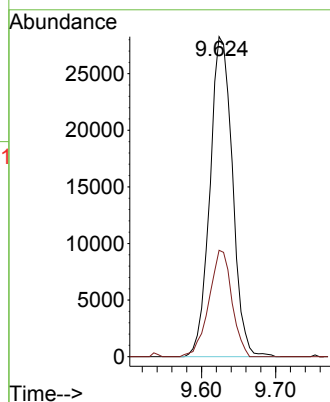
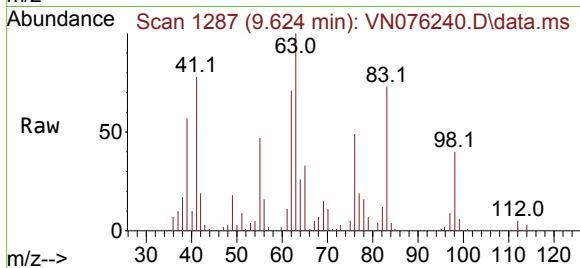
ClientSampleId :

Tgt Ion: 63 Resp: 59650

Ion Ratio Lower Upper

63 100

65 33.3 25.7 38.5



#46

Dibromomethane

Concen: 20.078 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

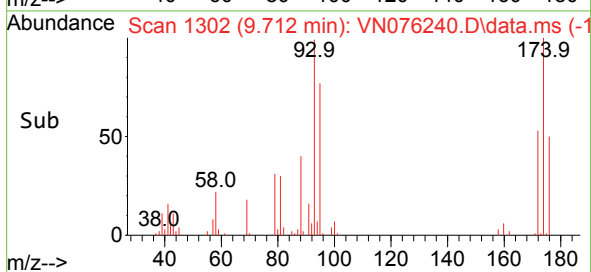
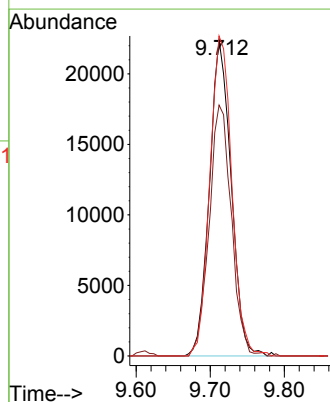
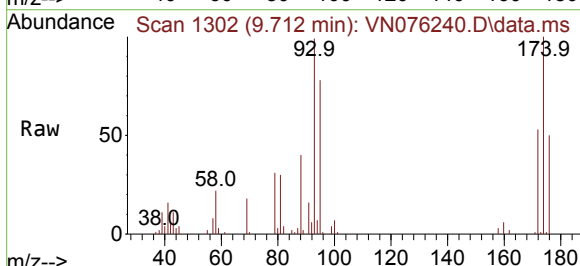
Tgt Ion: 93 Resp: 45543

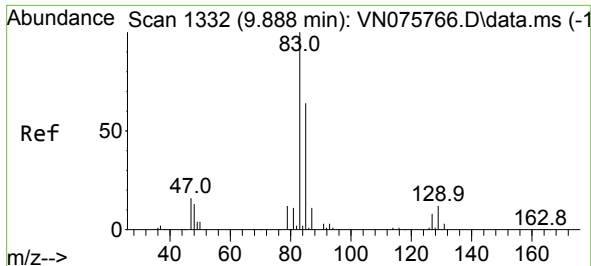
Ion Ratio Lower Upper

93 100

95 81.1 65.2 97.8

174 102.5 82.4 123.6





#47

Bromodichloromethane

Concen: 19.635 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076240.D

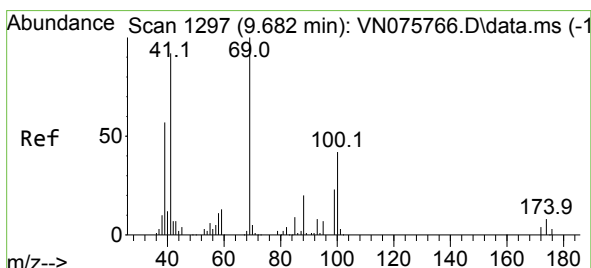
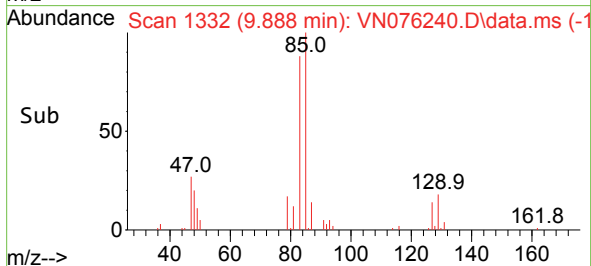
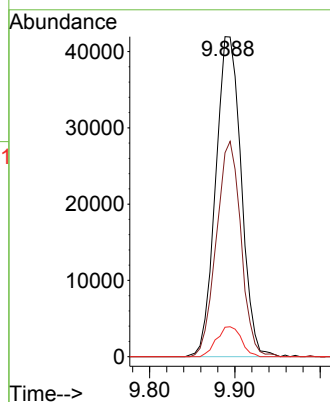
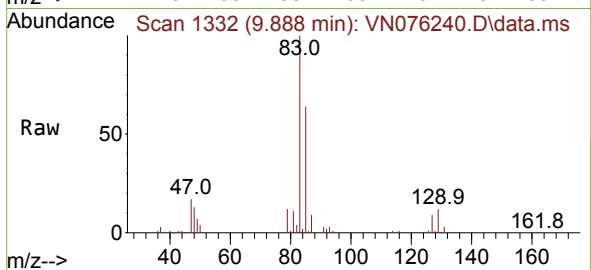
Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 87343
Ion Ratio	Lower Upper
83 100	
85 63.7	51.5 77.3
127 9.2	6.6 10.0



#48

Methyl methacrylate

Concen: 21.899 ug/l

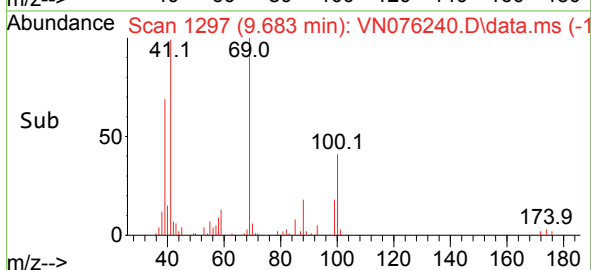
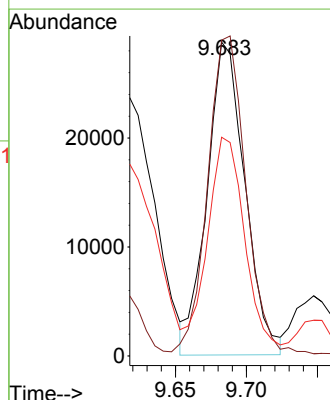
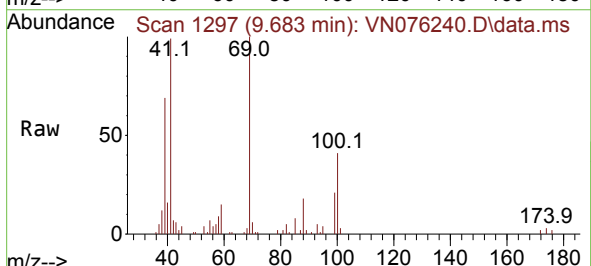
RT: 9.683 min Scan# 1297

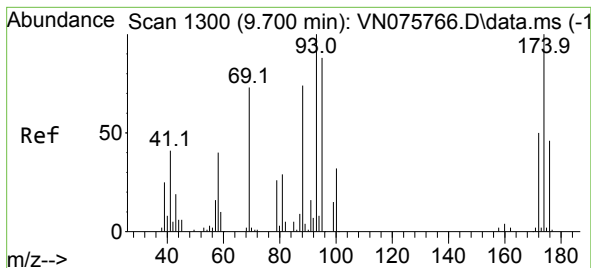
Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Tgt Ion: 41	Resp: 53234
Ion Ratio	Lower Upper
41 100	
69 104.5	81.9 122.9
39 70.3	51.6 77.4





#49

1,4-Dioxane

Concen: 451.544 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

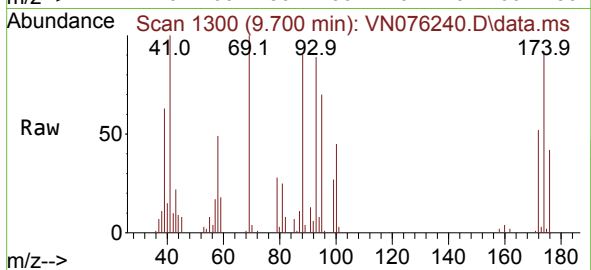
Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :



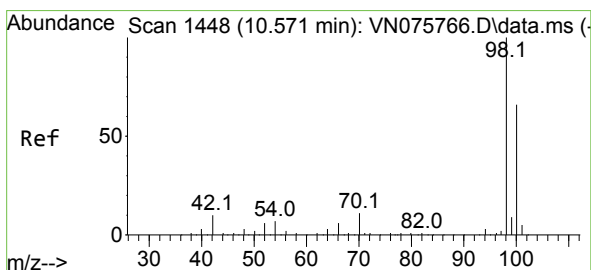
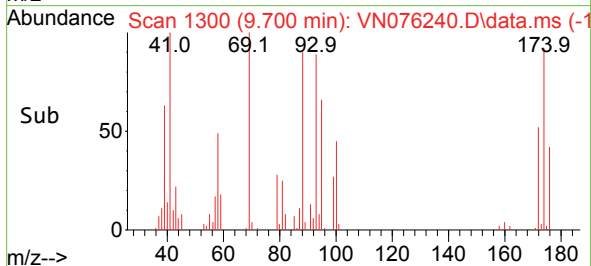
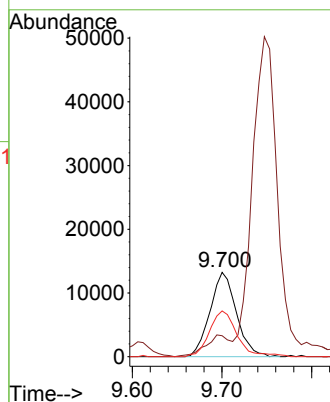
Tgt Ion: 88 Resp: 26985

Ion Ratio Lower Upper

88 100

43 24.5 17.1 25.7

58 57.0 47.8 71.8



#50

Toluene-d8

Concen: 47.179 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076240.D

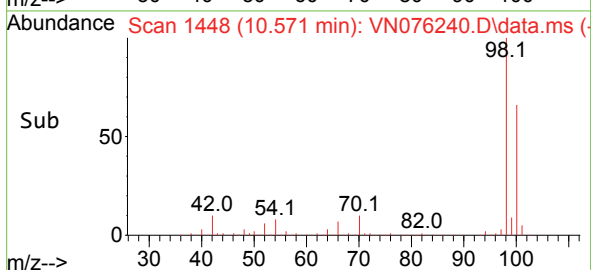
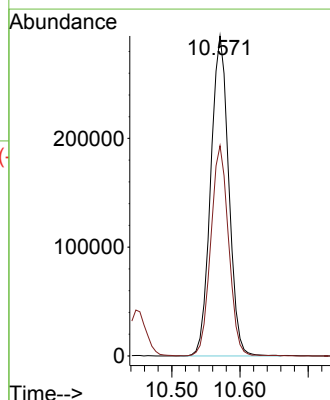
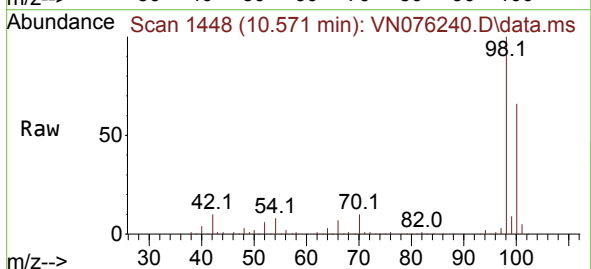
Acq: 13 Jan 2023 11:50

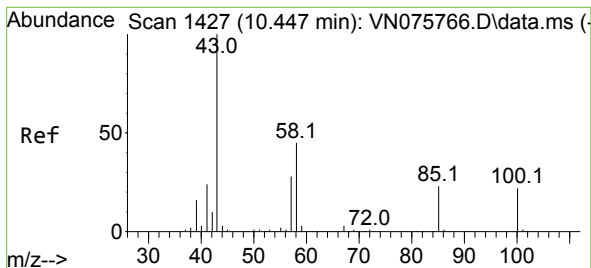
Tgt Ion: 98 Resp: 540895

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

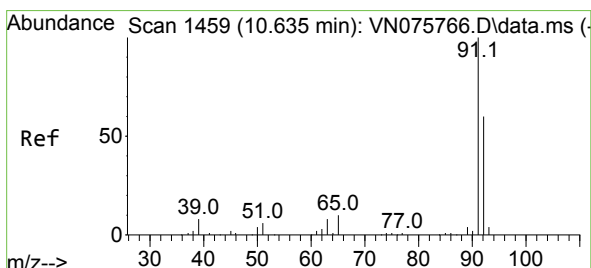
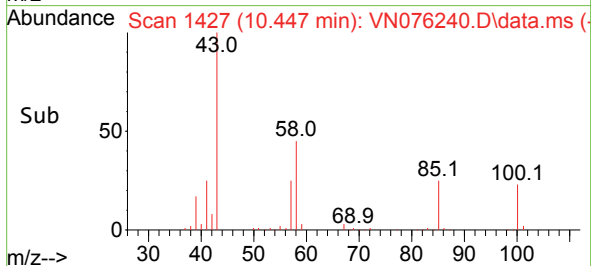
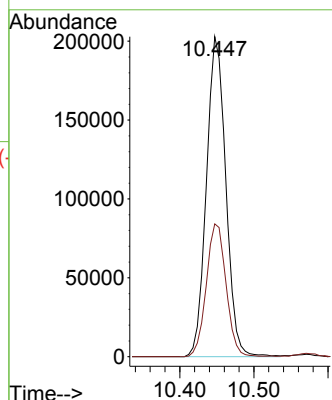
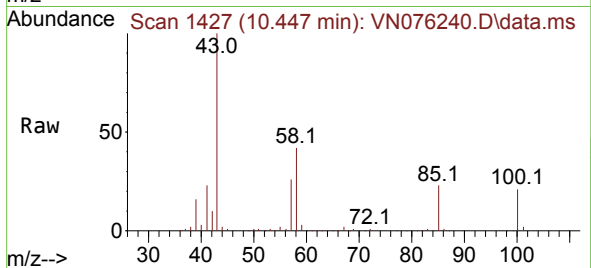




#51
4-Methyl-2-Pentanone
Concen: 113.039 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

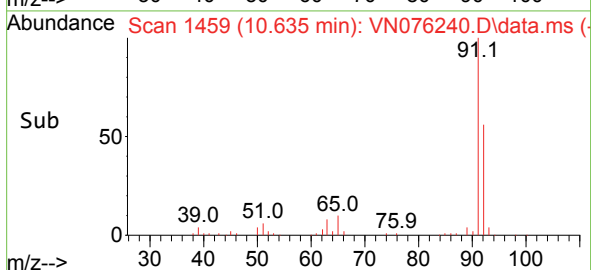
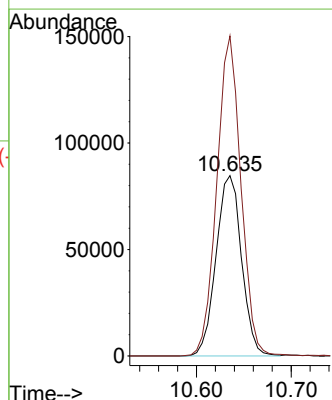
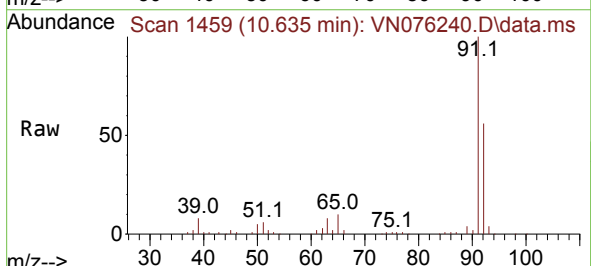
Instrument :
MSVOA_N
ClientSampleId :

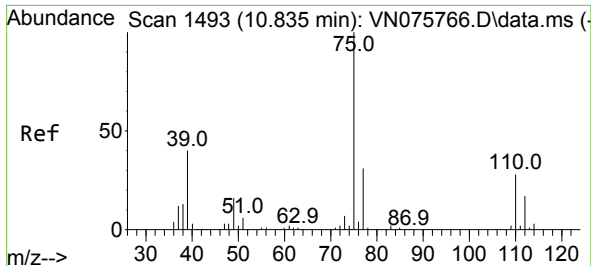
Tgt Ion: 43 Resp: 368963
Ion Ratio Lower Upper
43 100
58 42.3 35.5 53.3



#52
Toluene
Concen: 19.368 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion: 92 Resp: 158528
Ion Ratio Lower Upper
92 100
91 168.1 137.3 205.9

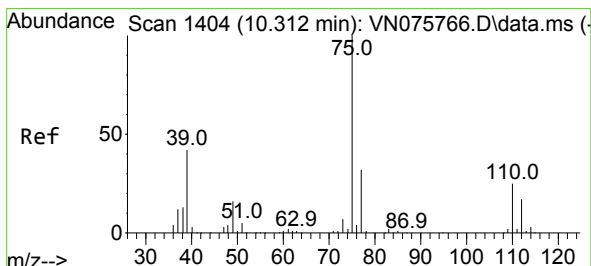
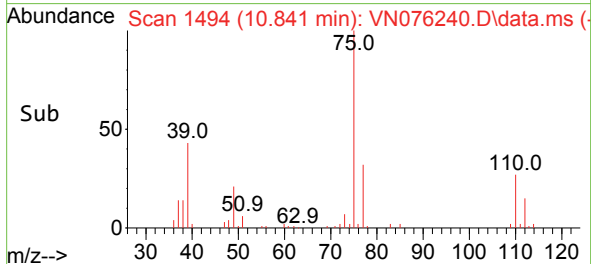
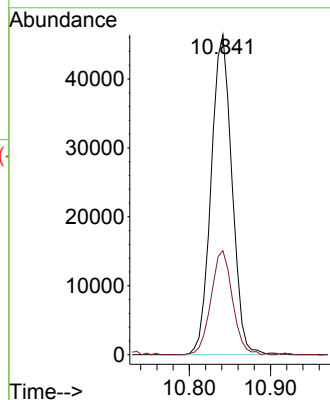
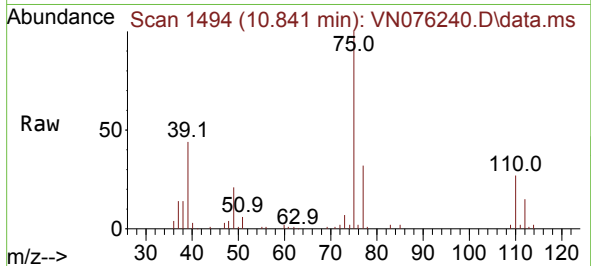




#53
 t-1,3-Dichloropropene
 Concen: 19.008 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN076240.D
 Acq: 13 Jan 2023 11:50

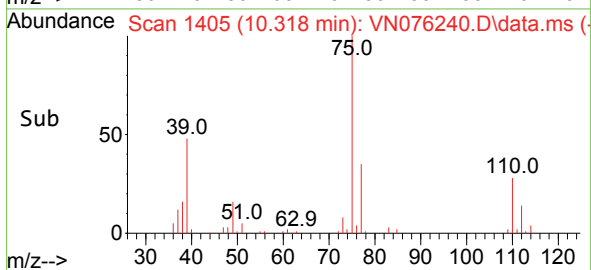
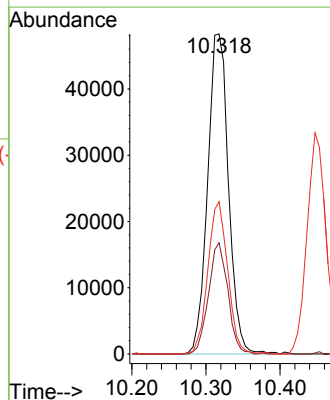
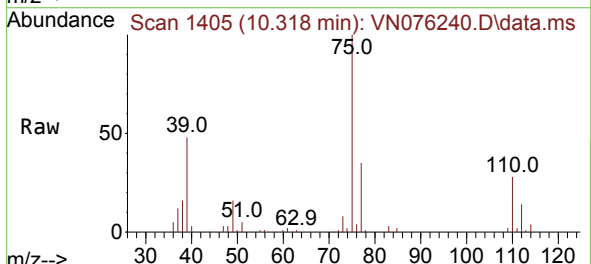
Instrument :
 MSVOA_N
 ClientSampleId :

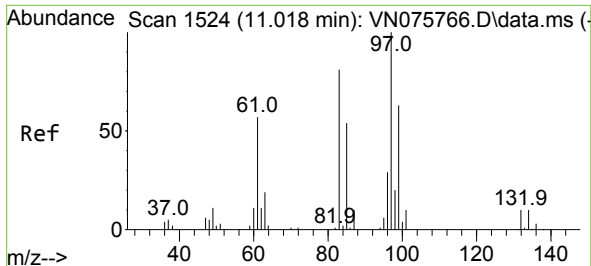
Tgt Ion: 75 Resp: 82768
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.771 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076240.D
 Acq: 13 Jan 2023 11:50

Tgt Ion: 75 Resp: 94525
 Ion Ratio Lower Upper
 75 100
 77 34.8 25.8 38.8
 39 47.6 33.4 50.2

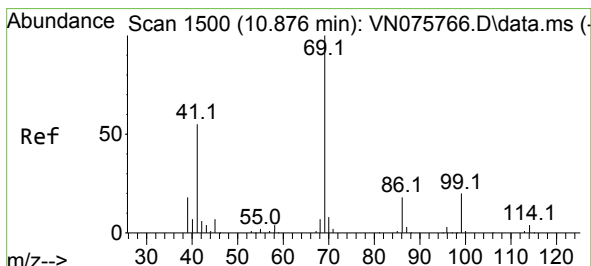
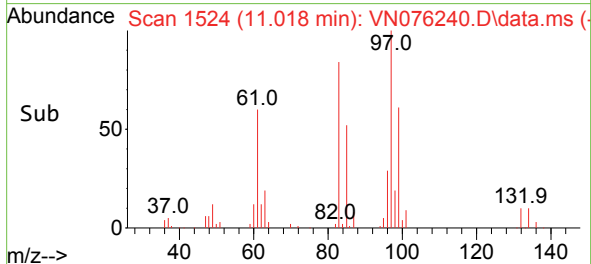
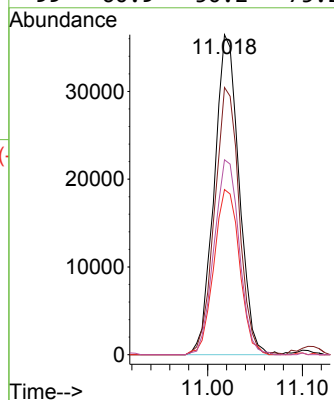
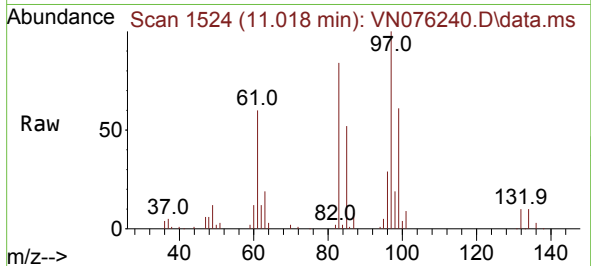




#55
1,1,2-Trichloroethane
Concen: 20.658 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

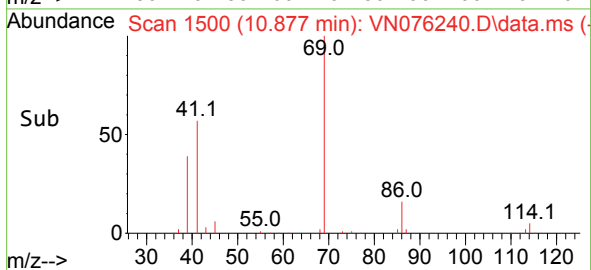
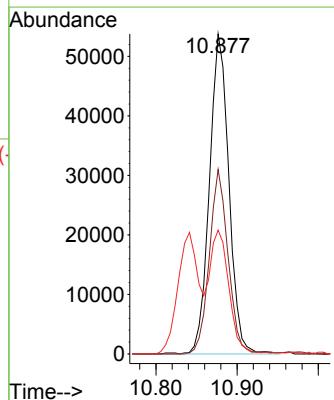
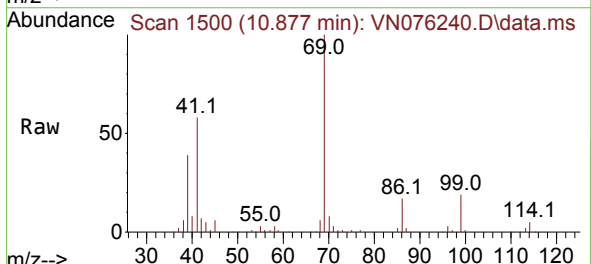
Instrument :
MSVOA_N
ClientSampleId :

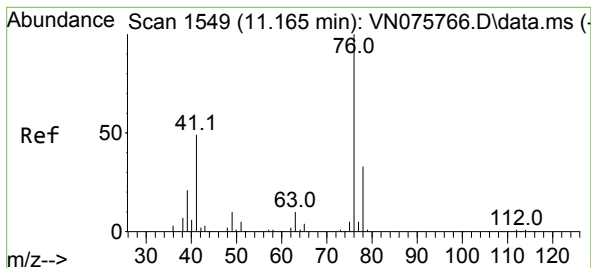
Tgt Ion: 97	Resp: 66367
Ion Ratio	Lower Upper
97 100	
83 83.5	65.0 97.4
85 51.6	43.0 64.6
99 60.9	50.2 75.2



#56
Ethyl methacrylate
Concen: 20.937 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion: 69	Resp: 89344
Ion Ratio	Lower Upper
69 100	
41 55.6	44.2 66.4
39 37.8	26.4 39.6





#57

1,3-Dichloropropane

Concen: 20.025 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

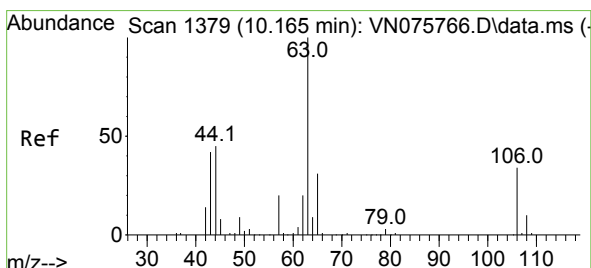
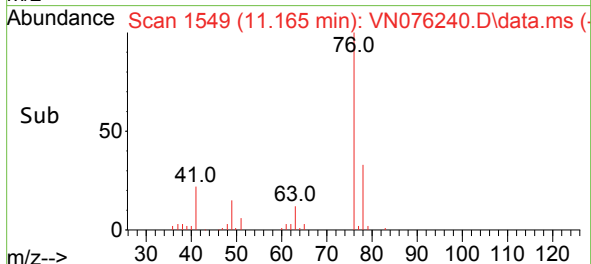
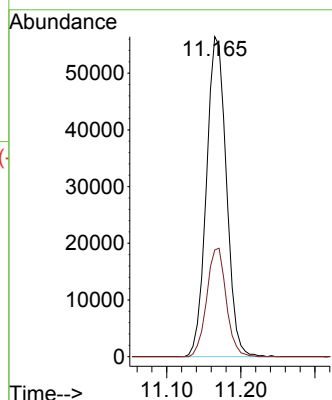
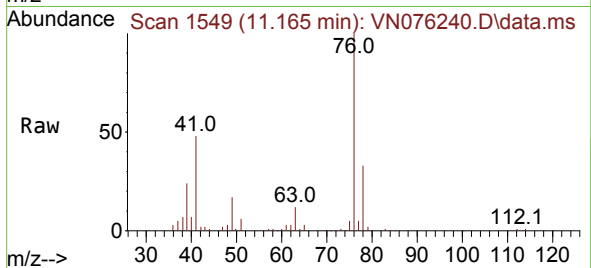
ClientSampleId :

Tgt Ion: 76 Resp: 105525

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 109.361 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN076240.D

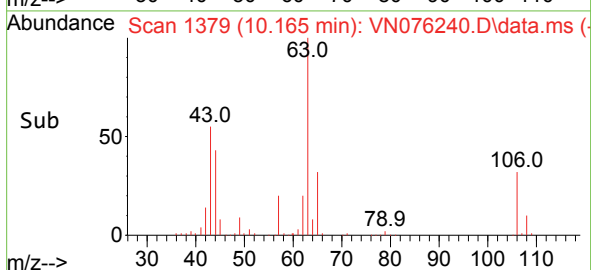
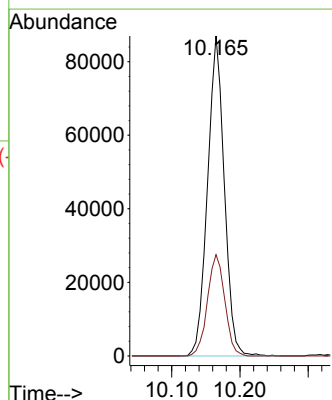
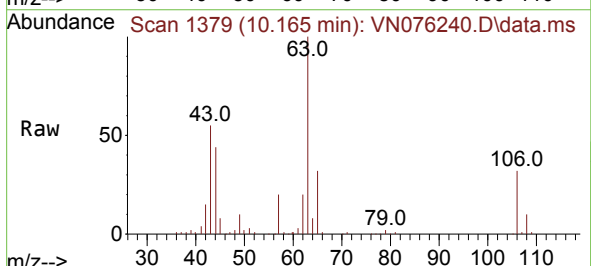
Acq: 13 Jan 2023 11:50

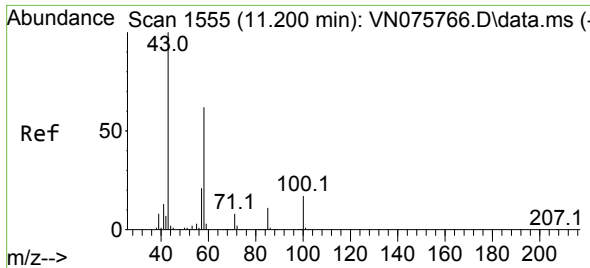
Tgt Ion: 63 Resp: 148581

Ion Ratio Lower Upper

63 100

106 32.7 26.4 39.6

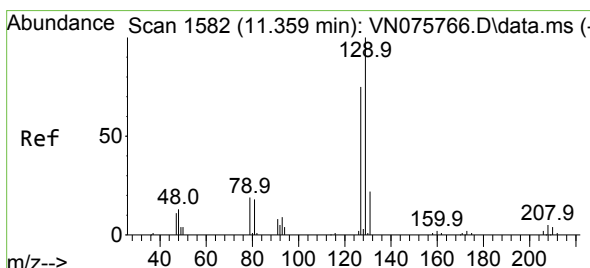
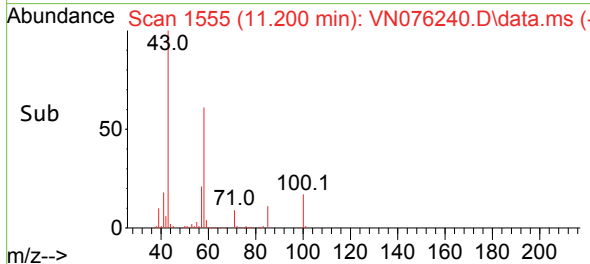
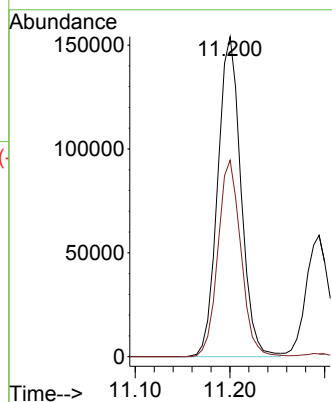
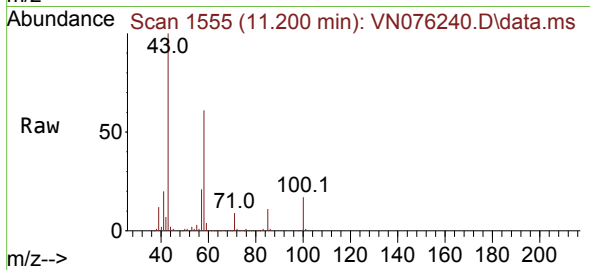




#59
2-Hexanone
Concen: 110.367 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

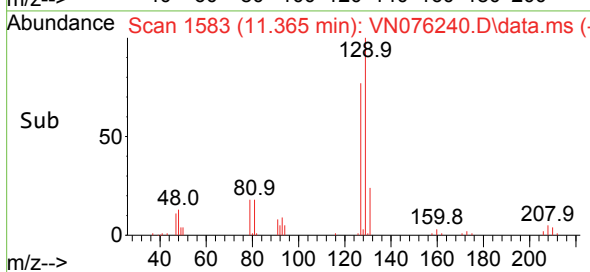
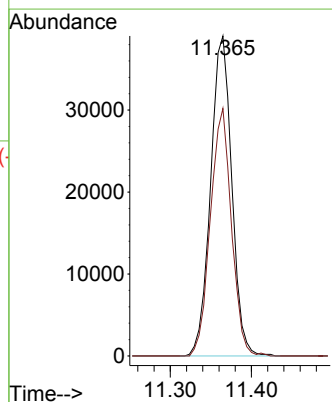
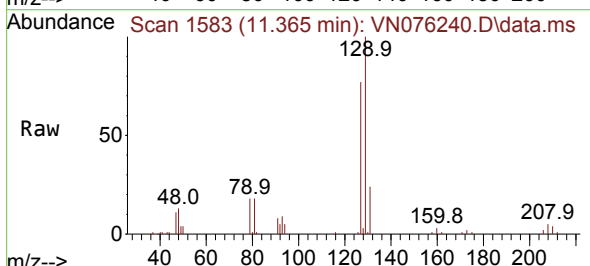
Instrument :
MSVOA_N
ClientSampleId :

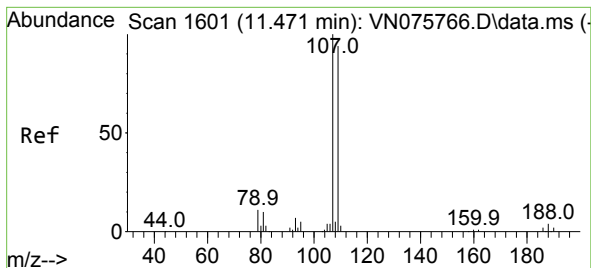
Tgt Ion: 43 Resp: 262712
Ion Ratio Lower Upper
43 100
58 60.5 30.6 92.0



#60
Dibromochloromethane
Concen: 19.782 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion:129 Resp: 70676
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.9





#61

1,2-Dibromoethane

Concen: 20.247 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

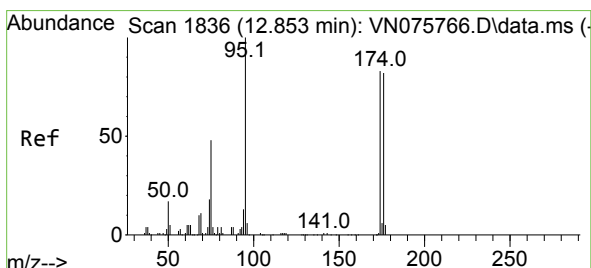
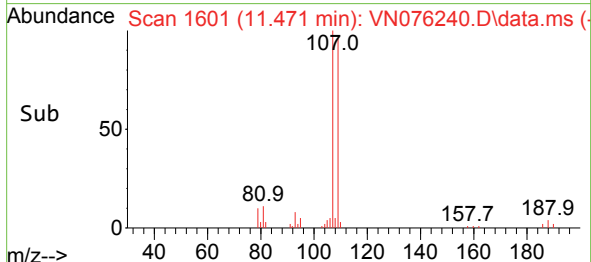
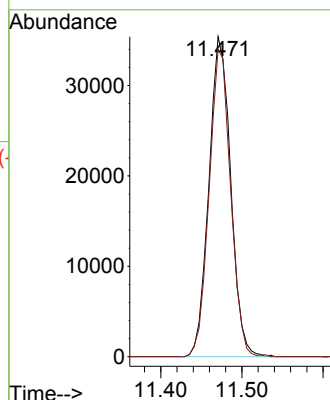
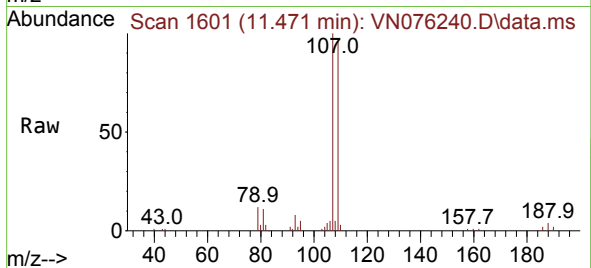
ClientSampleId :

Tgt Ion:107 Resp: 65827

Ion Ratio Lower Upper

107 100

109 94.6 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 48.378 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

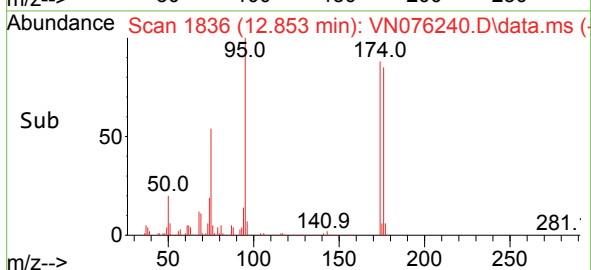
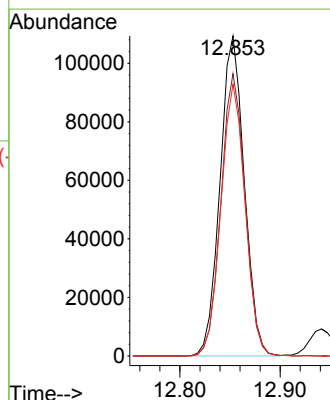
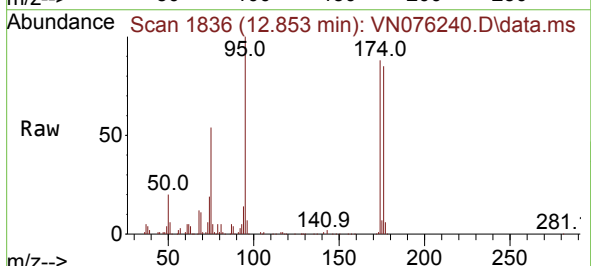
Tgt Ion: 95 Resp: 183703

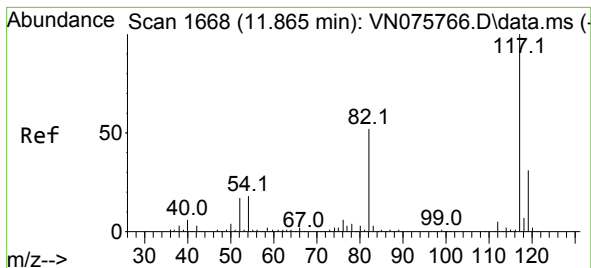
Ion Ratio Lower Upper

95 100

174 87.6 0.0 171.6

176 84.5 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

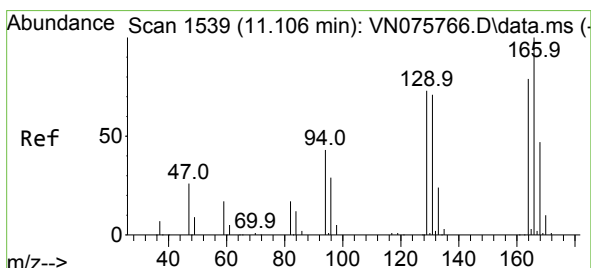
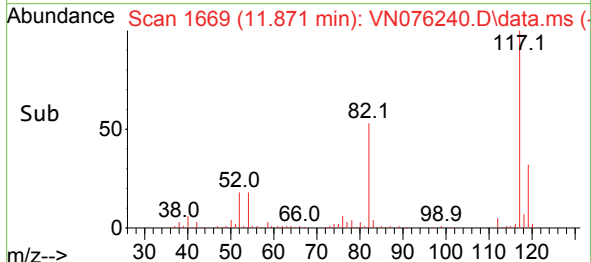
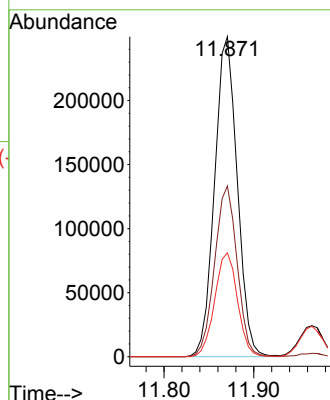
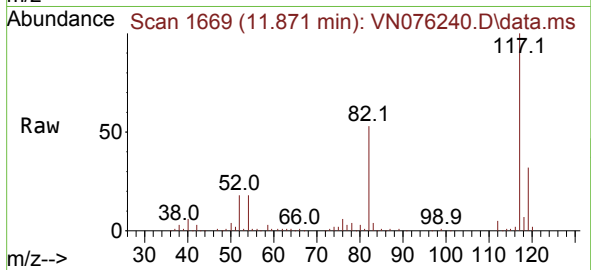
Tgt Ion:117 Resp: 438274

Ion Ratio Lower Upper

117 100

82 53.4 41.3 61.9

119 32.5 24.6 37.0



#64

Tetrachloroethene

Concen: 21.704 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Tgt Ion:164 Resp: 66936

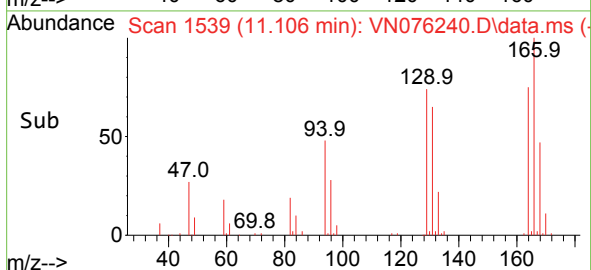
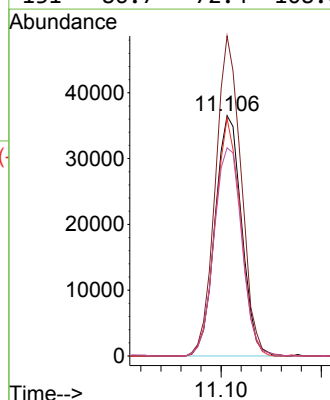
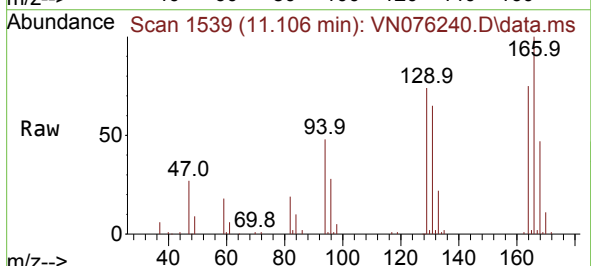
Ion Ratio Lower Upper

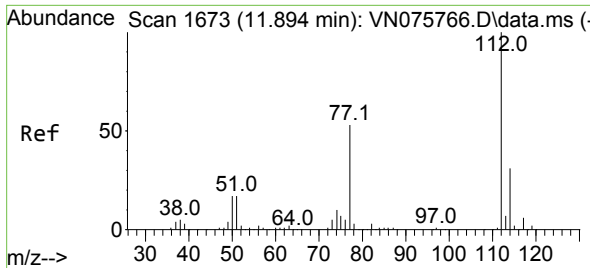
164 100

166 133.2 101.9 152.9

129 98.9 74.2 111.2

131 86.7 72.4 108.6

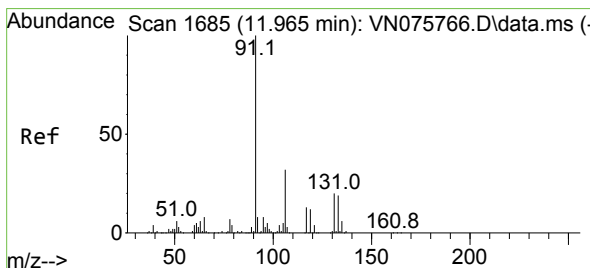
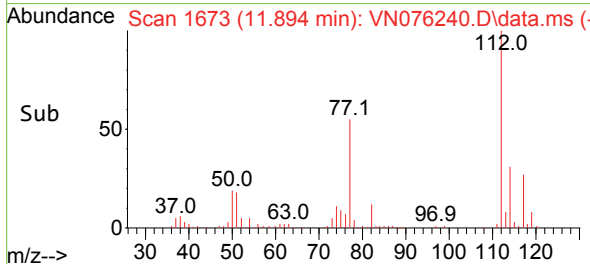
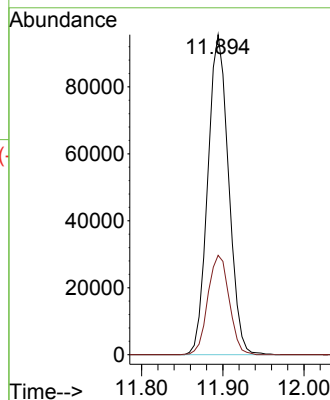
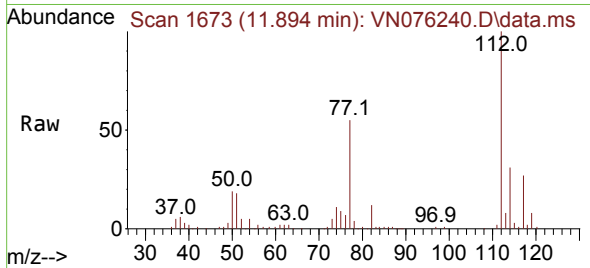




#65
Chlorobenzene
Concen: 18.902 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

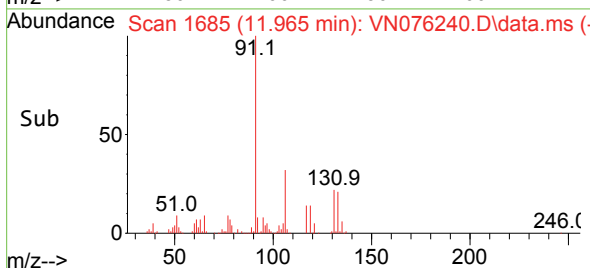
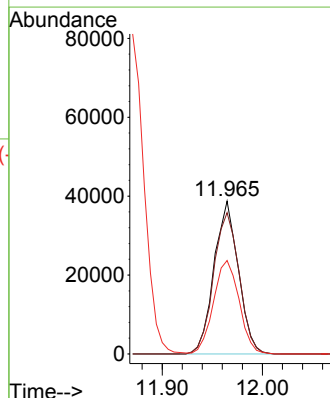
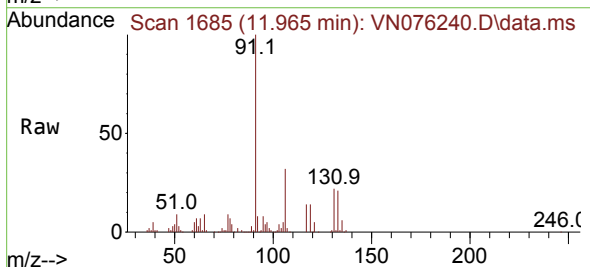
Instrument :
MSVOA_N
ClientSampleId :

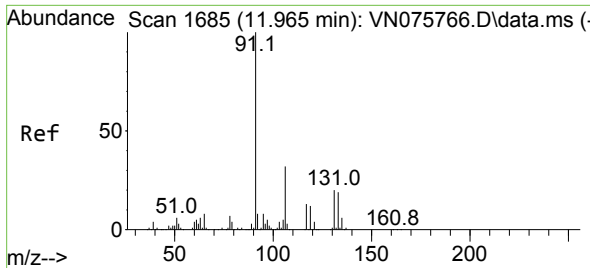
Tgt Ion:112 Resp: 170034
Ion Ratio Lower Upper
112 100
114 31.1 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.634 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion:131 Resp: 65420
Ion Ratio Lower Upper
131 100
133 97.1 47.5 142.5
119 64.4 31.9 95.7





#67

Ethyl Benzene

Concen: 19.466 ug/l

RT: 11.965 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

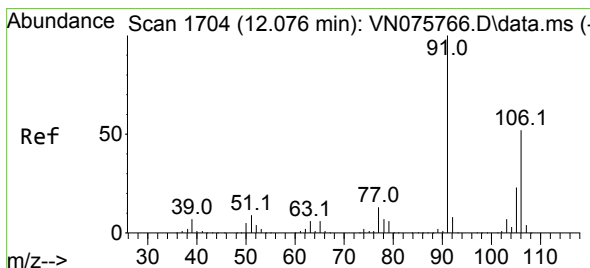
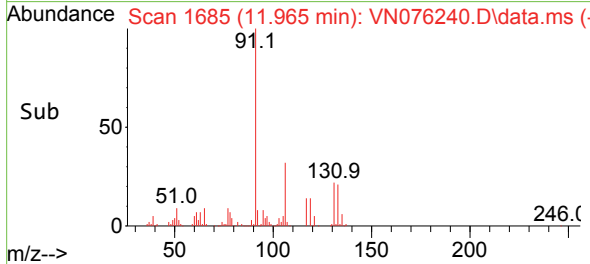
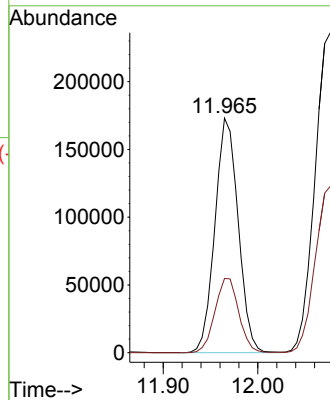
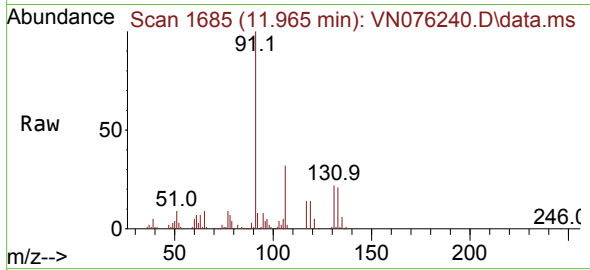
ClientSampleId :

Tgt Ion: 91 Resp: 295529

Ion Ratio Lower Upper

91 100

106 31.7 25.7 38.5



#68

m/p-Xylenes

Concen: 39.687 ug/l

RT: 12.076 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VN076240.D

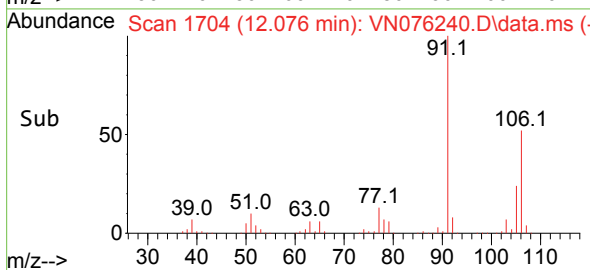
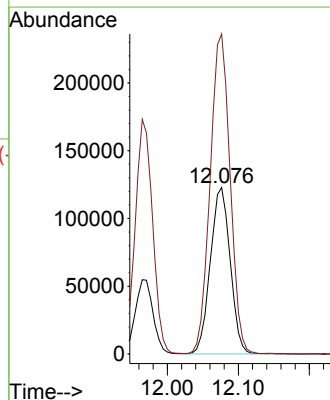
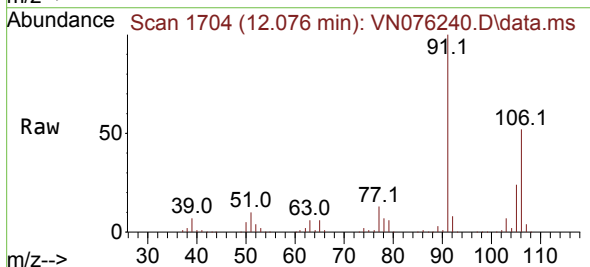
Acq: 13 Jan 2023 11:50

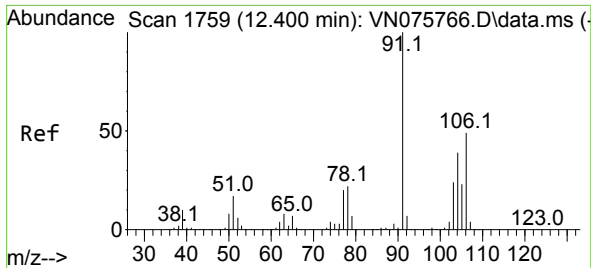
Tgt Ion: 106 Resp: 238483

Ion Ratio Lower Upper

106 100

91 193.5 156.6 235.0

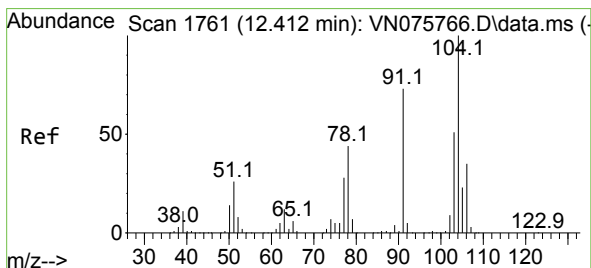
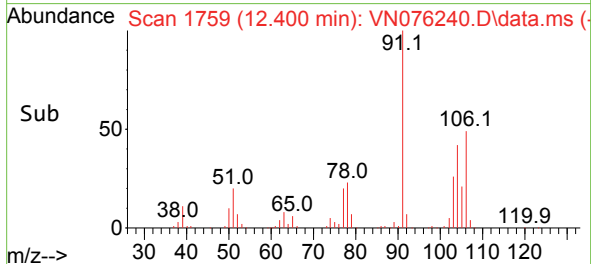
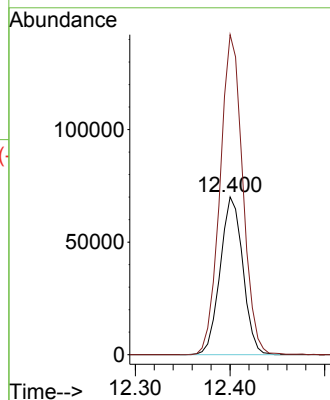
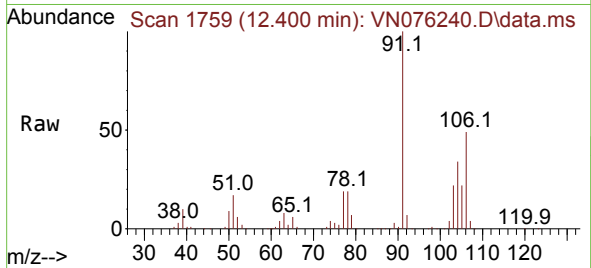




#69
o-Xylene
Concen: 19.598 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

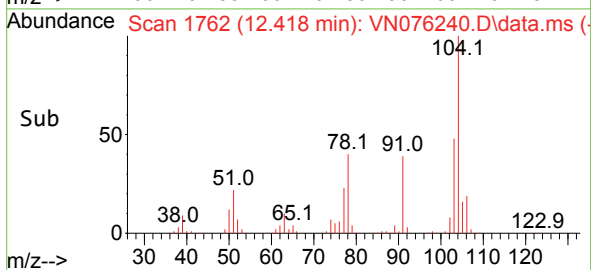
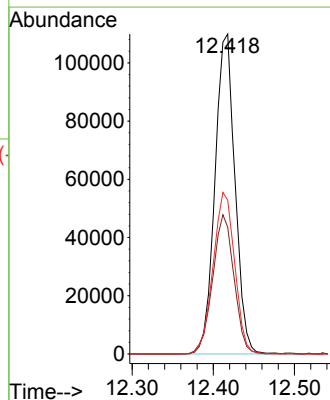
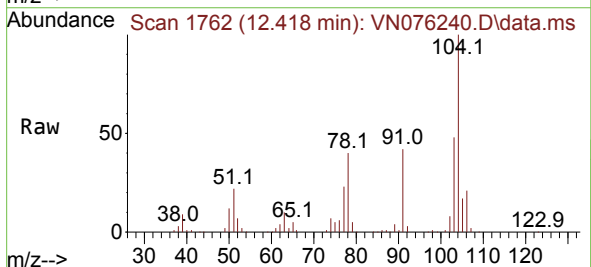
Instrument :
MSVOA_N
ClientSampleId :

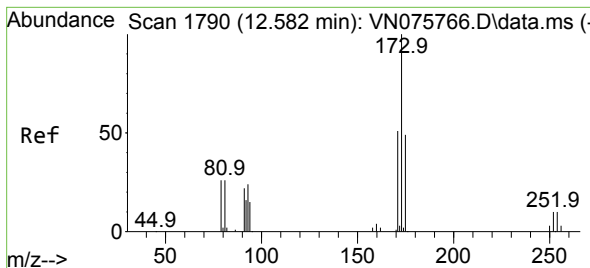
Tgt Ion:106 Resp: 116544
Ion Ratio Lower Upper
106 100
91 203.7 103.8 311.6



#70
Styrene
Concen: 19.952 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion:104 Resp: 188649
Ion Ratio Lower Upper
104 100
78 46.3 37.5 56.3
103 54.3 43.5 65.3





#71

Bromoform

Concen: 19.549 ug/l

RT: 12.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

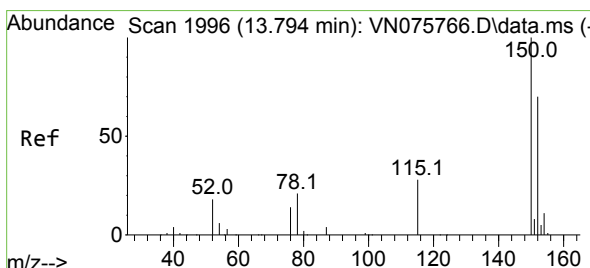
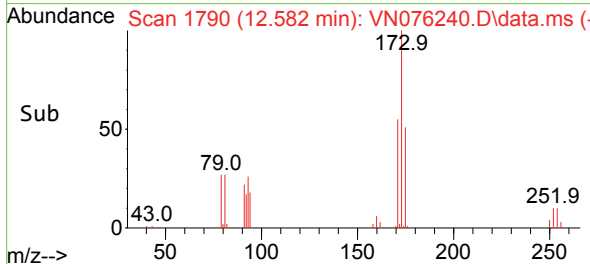
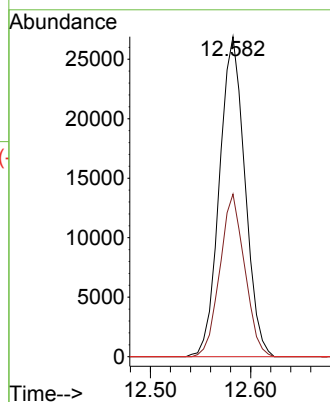
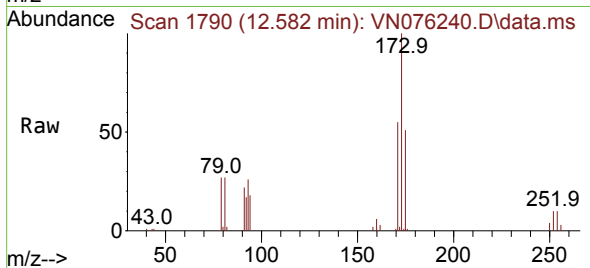
Tgt Ion:173 Resp: 47397

Ion Ratio Lower Upper

173 100

175 49.4 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

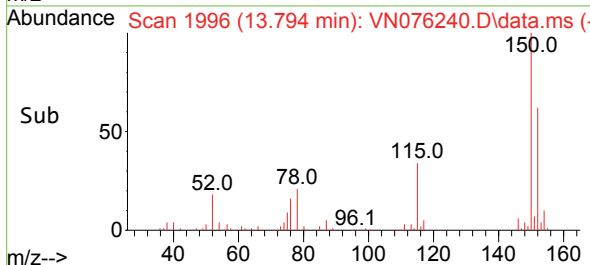
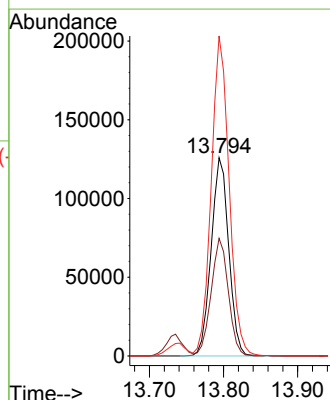
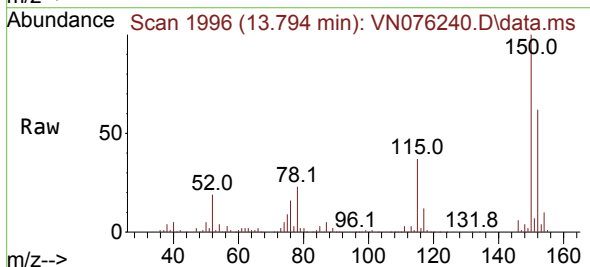
Tgt Ion:152 Resp: 207052

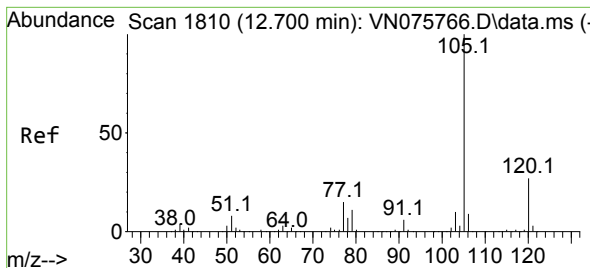
Ion Ratio Lower Upper

152 100

115 58.2 29.1 87.4

150 164.2 0.0 347.0





#73

Isopropylbenzene

Concen: 19.890 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

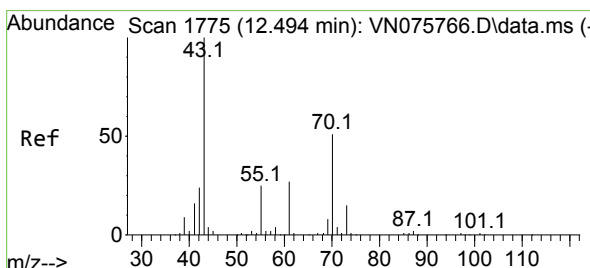
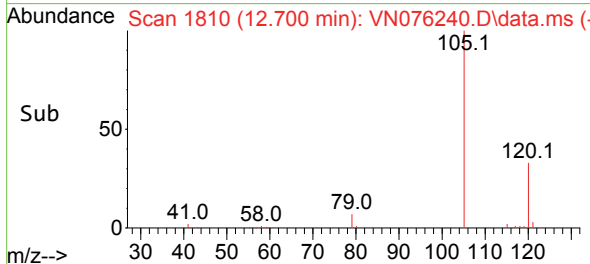
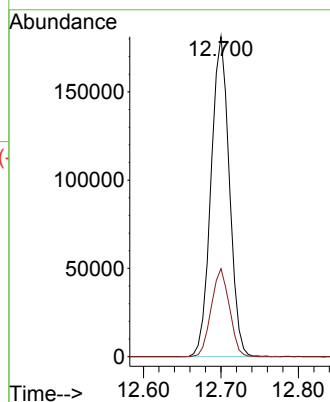
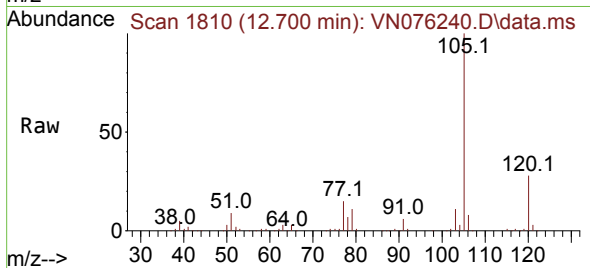
ClientSampleId :

Tgt Ion:105 Resp: 297605

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



#74

N-ethyl acetate

Concen: 21.353 ug/l

RT: 12.500 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Tgt Ion: 43 Resp: 93727

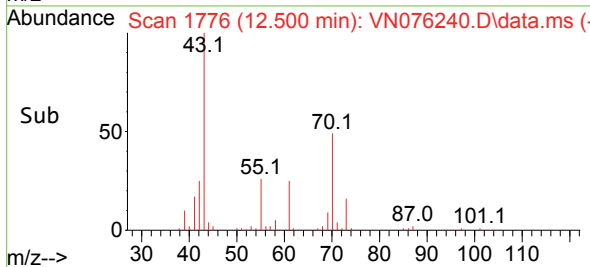
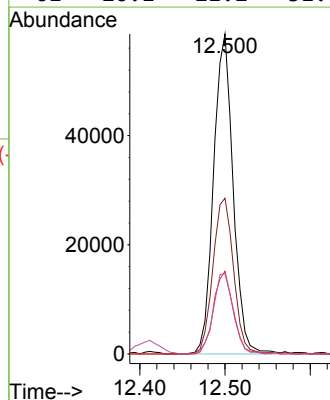
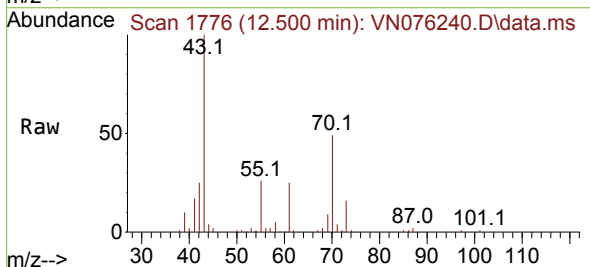
Ion Ratio Lower Upper

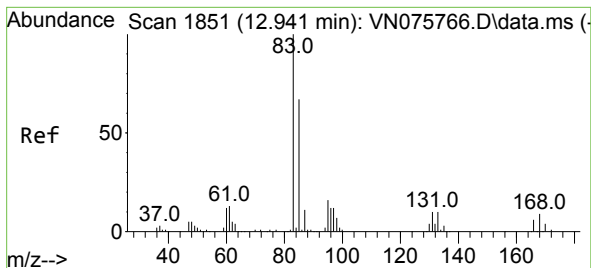
43 100

70 51.7 41.4 62.0

55 26.0 21.3 31.9

61 26.1 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.890 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

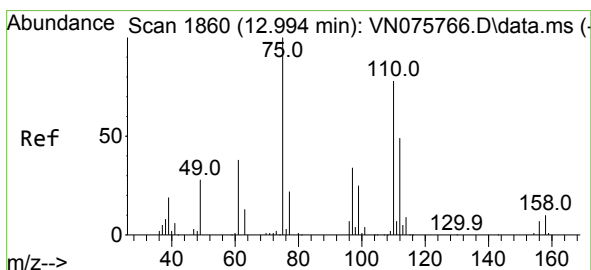
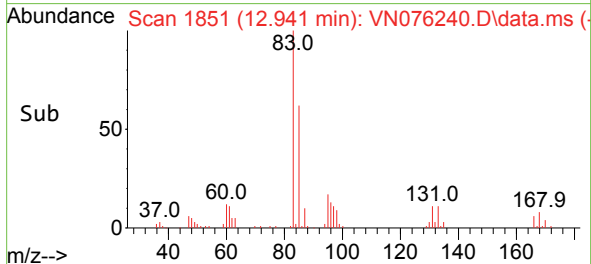
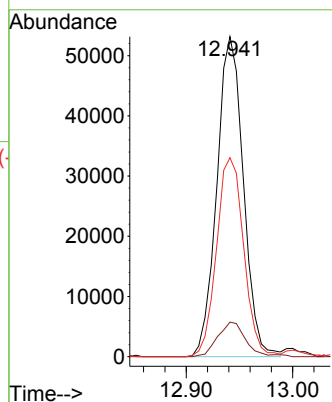
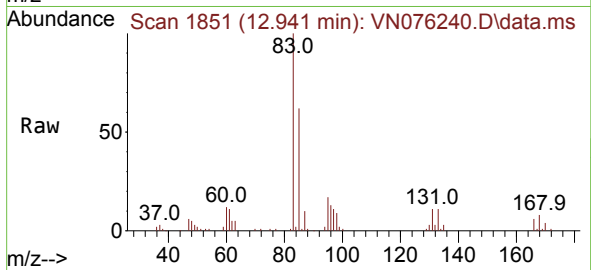
Tgt Ion: 83 Resp: 91999

Ion Ratio Lower Upper

83 100

131 11.4 5.6 16.8

85 63.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 26.655 ug/l

RT: 13.000 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VN076240.D

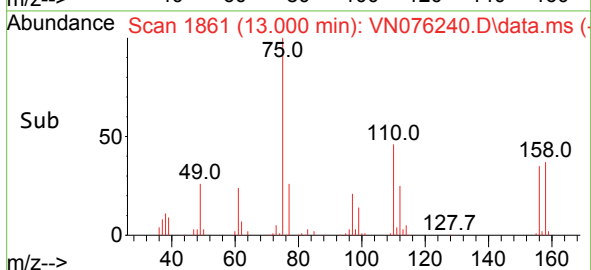
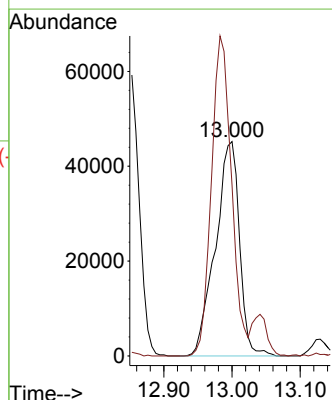
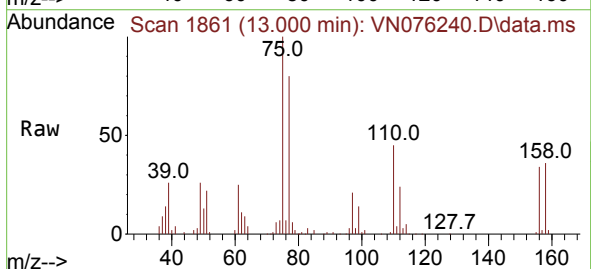
Acq: 13 Jan 2023 11:50

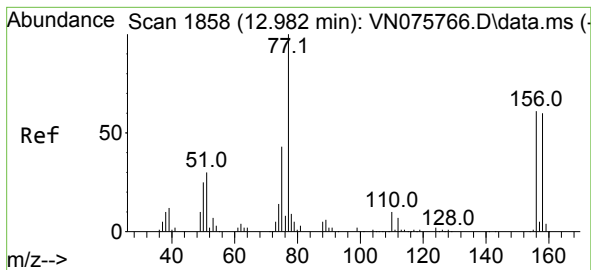
Tgt Ion: 75 Resp: 111248

Ion Ratio Lower Upper

75 100

77 124.4 82.6 247.8





#77

Bromobenzene

Concen: 19.177 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076240.D

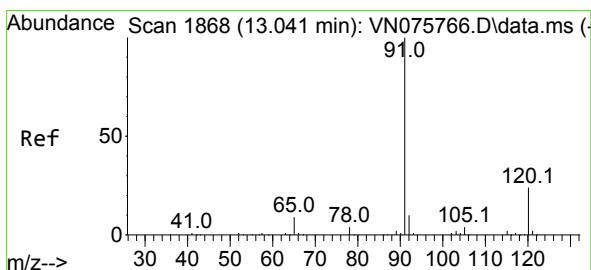
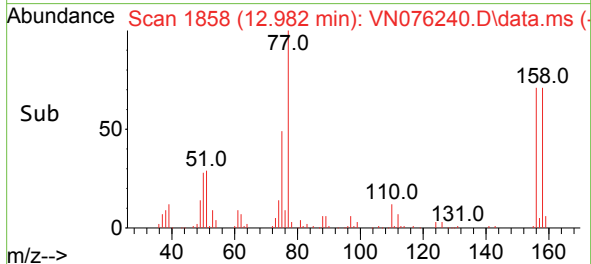
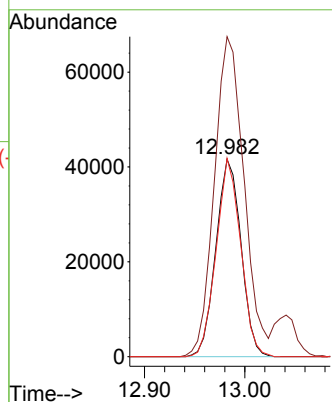
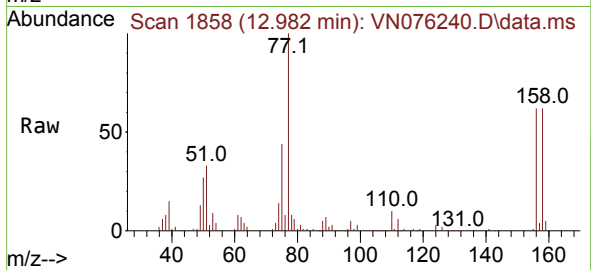
Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	72618
Ion Ratio	Lower	Upper	
156	100		
77	190.5	93.8	281.3
158	97.8	48.9	146.6



#78

n-propylbenzene

Concen: 20.497 ug/l

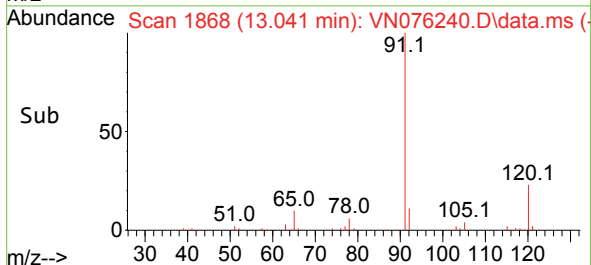
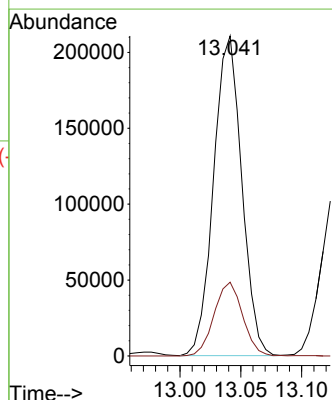
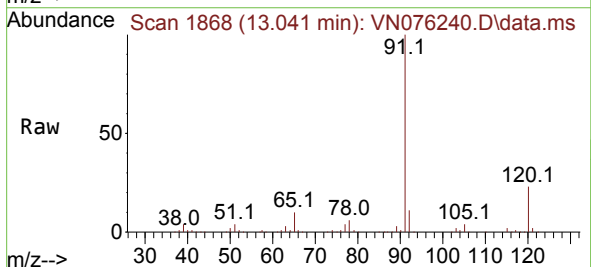
RT: 13.041 min Scan# 1868

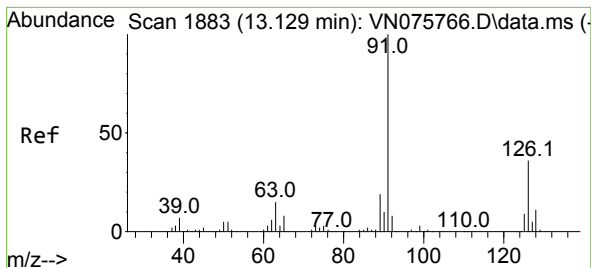
Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Tgt Ion:	91	Resp:	338256
Ion Ratio	Lower	Upper	
91	100		
120	23.4	12.0	36.1





#79

2-Chlorotoluene

Concen: 19.578 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

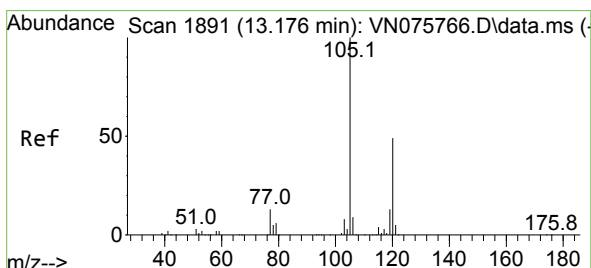
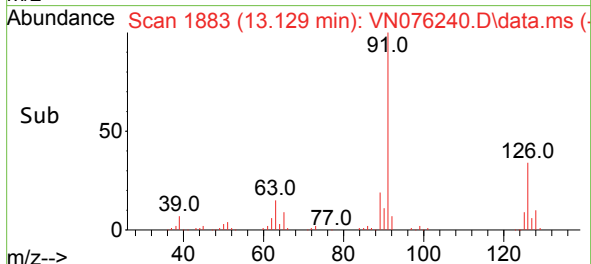
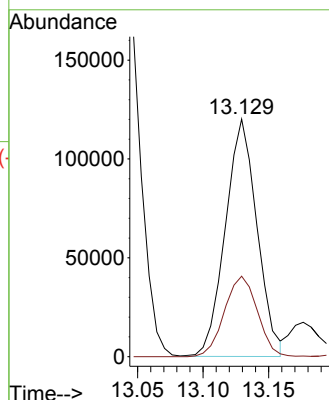
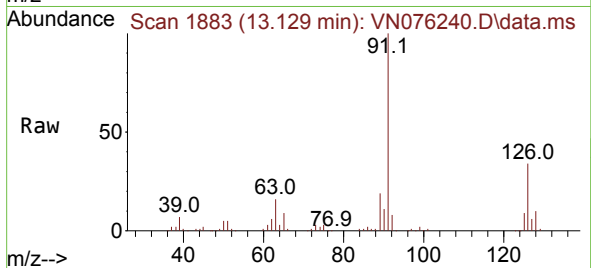
ClientSampleId :

Tgt Ion: 91 Resp: 201688

Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.268 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076240.D

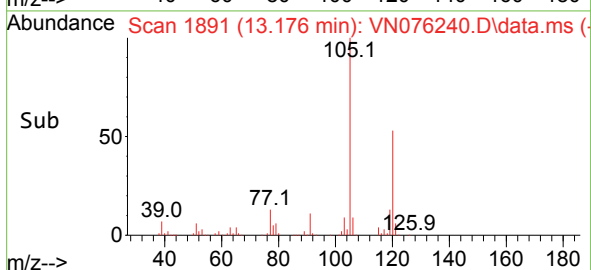
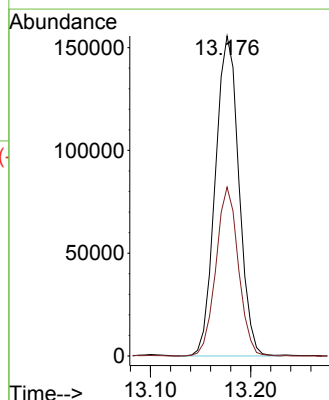
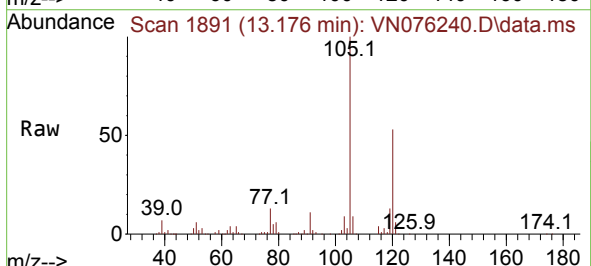
Acq: 13 Jan 2023 11:50

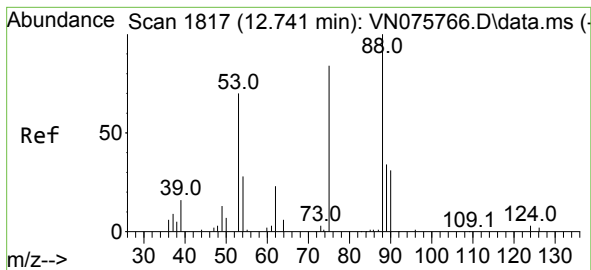
Tgt Ion:105 Resp: 253815

Ion Ratio Lower Upper

105 100

120 50.3 24.7 74.1

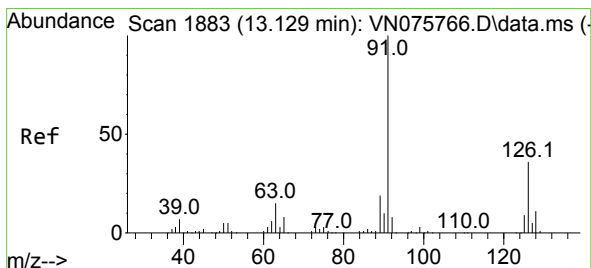
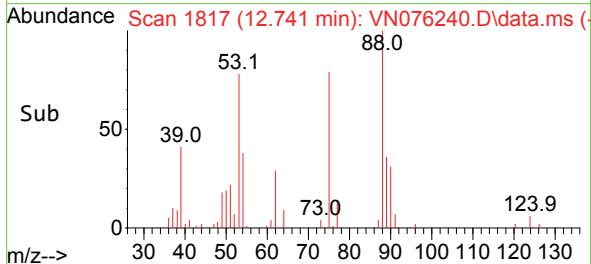
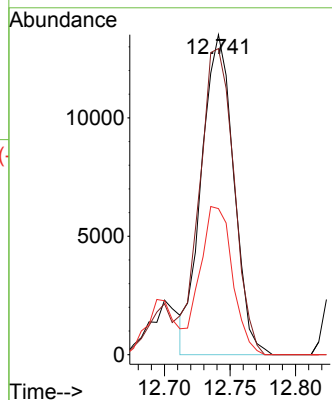
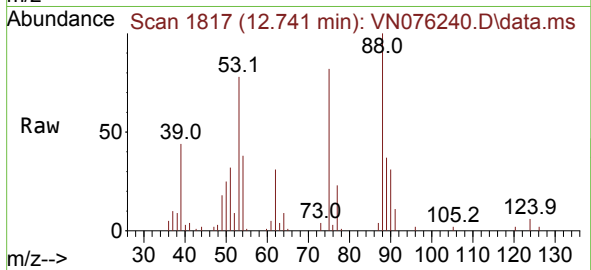




#81
trans-1,4-Dichloro-2-butene
Concen: 19.917 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

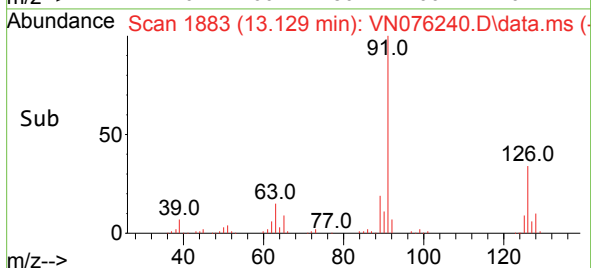
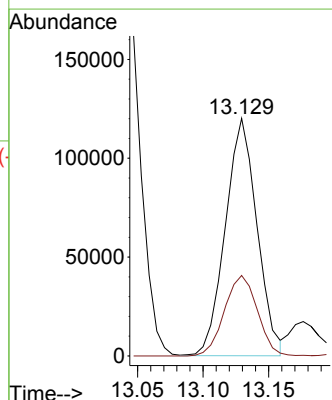
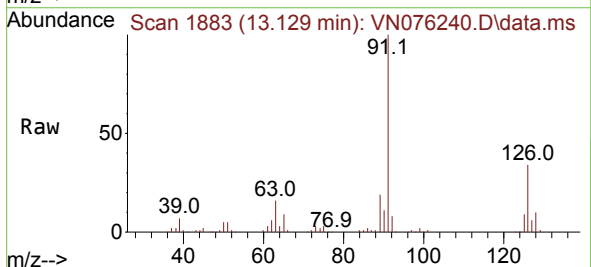
Instrument :
MSVOA_N
ClientSampleId :

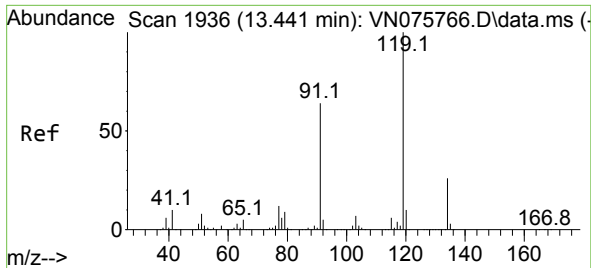
Tgt Ion: 75 Resp: 23094
Ion Ratio Lower Upper
75 100
53 103.4 73.8 110.6
89 47.3 39.5 59.3



#82
4-Chlorotoluene
Concen: 19.578 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion: 91 Resp: 201688
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

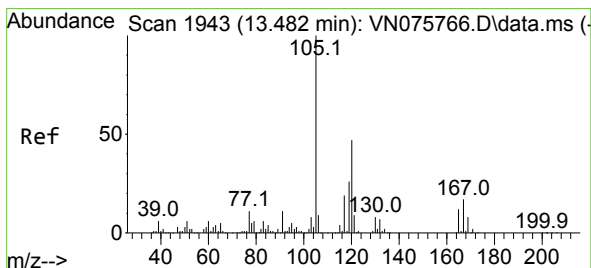
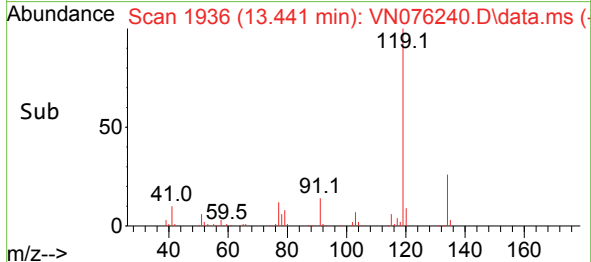
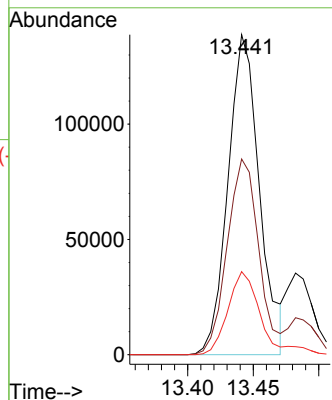
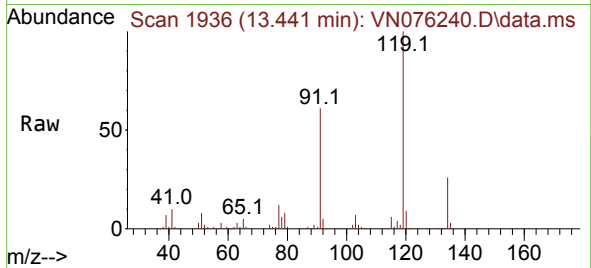




#83
 tert-Butylbenzene
 Concen: 20.943 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN076240.D
 Acq: 13 Jan 2023 11:50

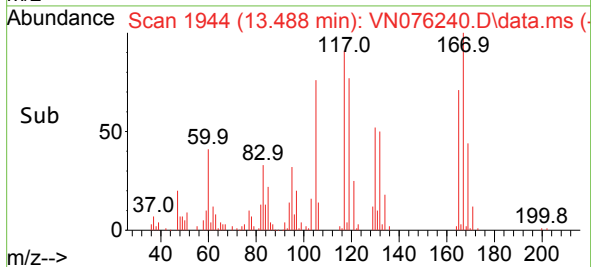
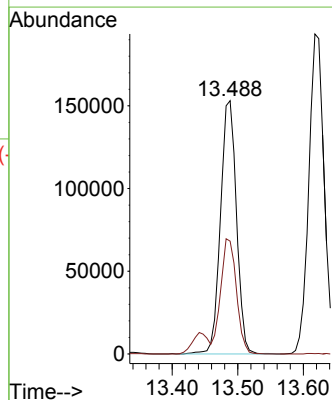
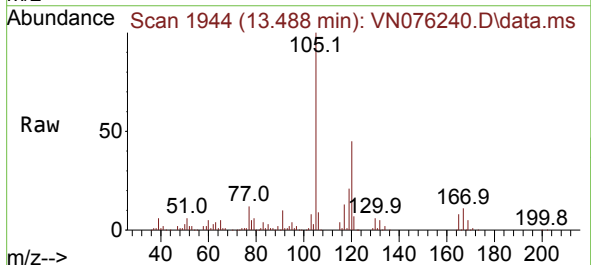
Instrument :
 MSVOA_N
 ClientSampleId :

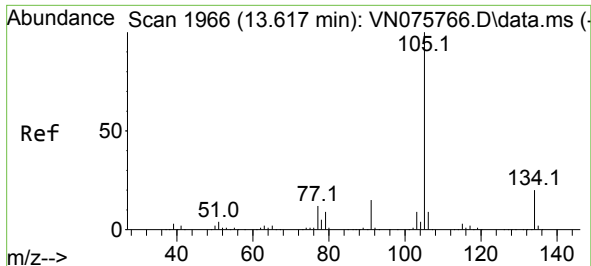
Tgt Ion:119 Resp: 231233
 Ion Ratio Lower Upper
 119 100
 91 61.7 31.9 95.5
 134 27.2 13.8 41.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.767 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN076240.D
 Acq: 13 Jan 2023 11:50

Tgt Ion:105 Resp: 257987
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.3 69.8

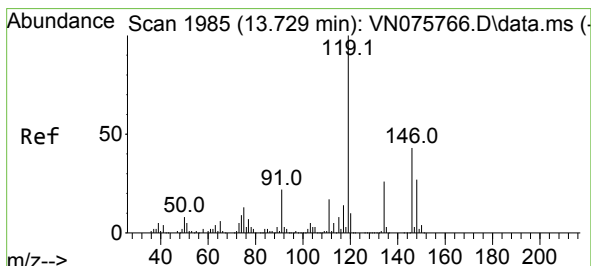
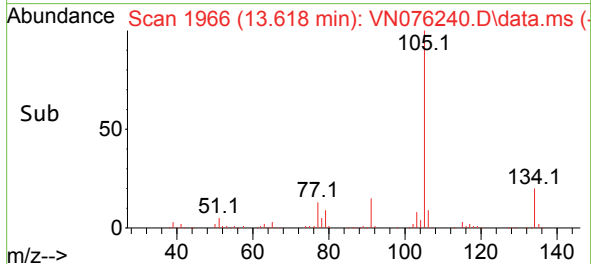
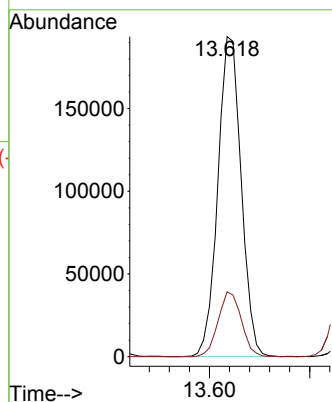
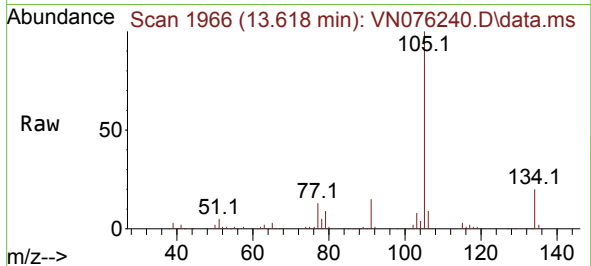




#85
 sec-Butylbenzene
 Concen: 20.497 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076240.D
 Acq: 13 Jan 2023 11:50

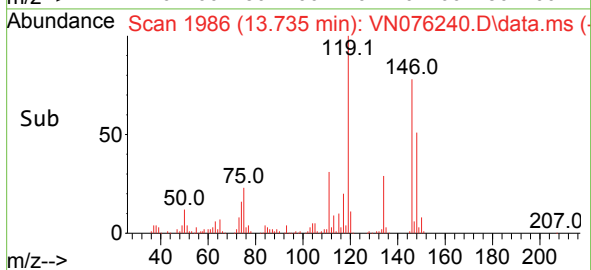
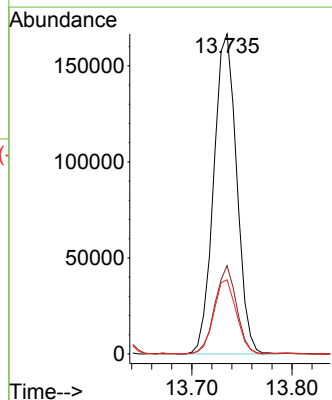
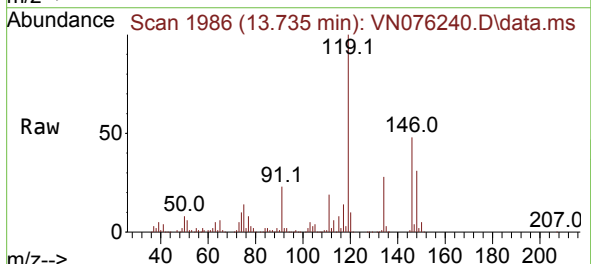
Instrument :
 MSVOA_N
 ClientSampleId :

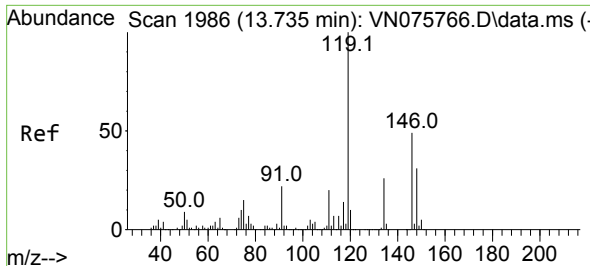
Tgt Ion:105 Resp: 312355
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.930 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076240.D
 Acq: 13 Jan 2023 11:50

Tgt Ion:119 Resp: 265397
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 22.8 11.2 33.6

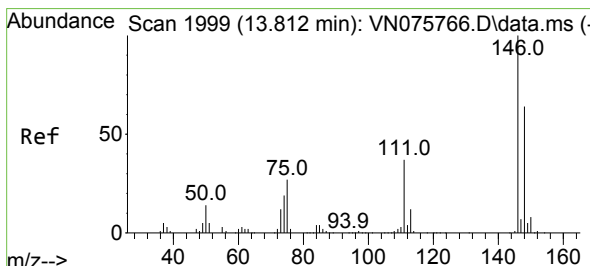
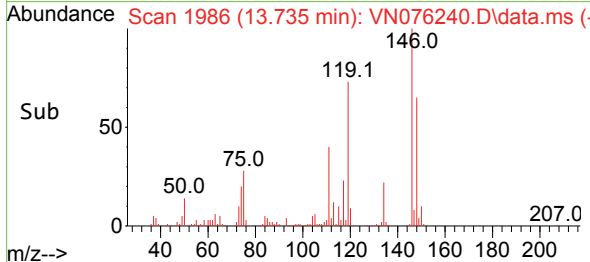
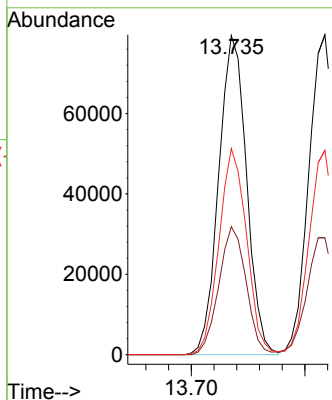
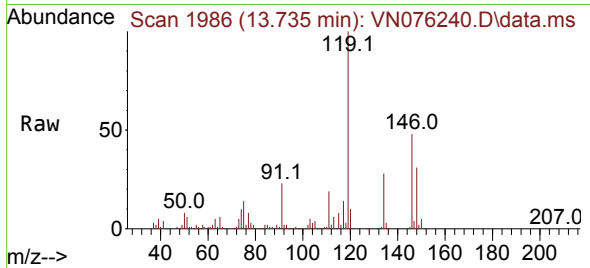




#87
1,3-Dichlorobenzene
Concen: 19.355 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

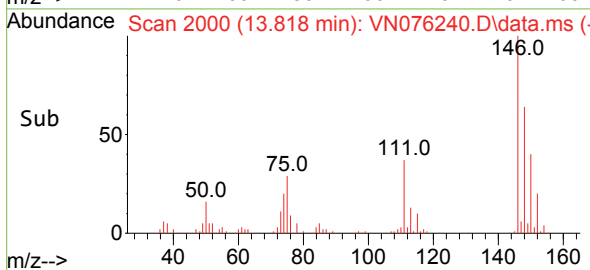
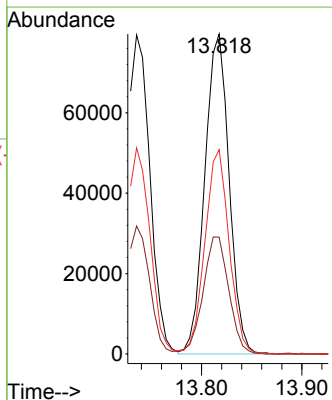
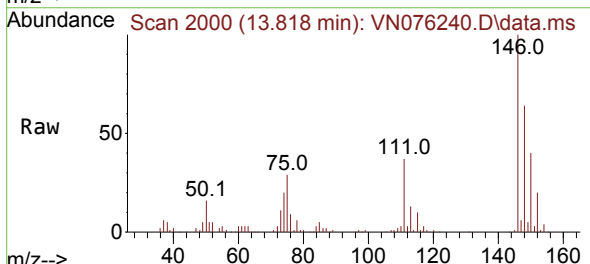
Instrument :
MSVOA_N
ClientSampleId :

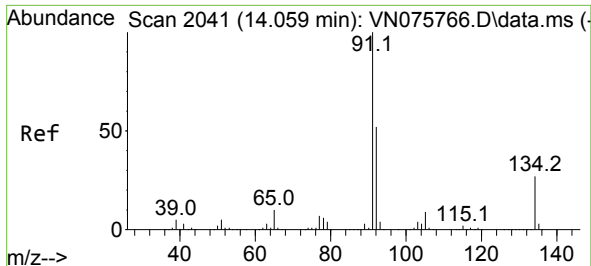
Tgt Ion:146 Resp: 135379
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.0
148 64.1 31.4 94.2



#88
1,4-Dichlorobenzene
Concen: 18.803 ug/l
RT: 13.818 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN076240.D
Acq: 13 Jan 2023 11:50

Tgt Ion:146 Resp: 134355
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.1
148 63.7 32.0 96.2





#89

n-Butylbenzene

Concen: 19.966 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

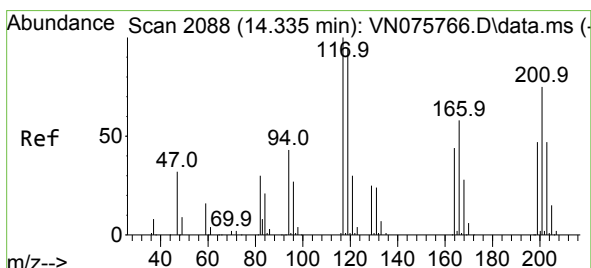
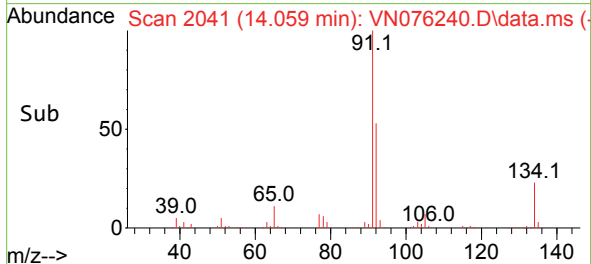
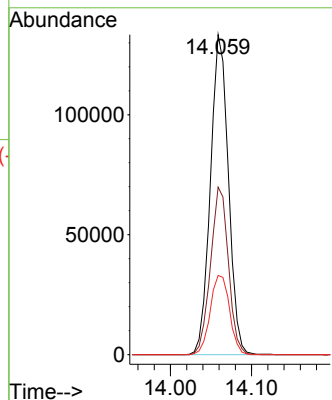
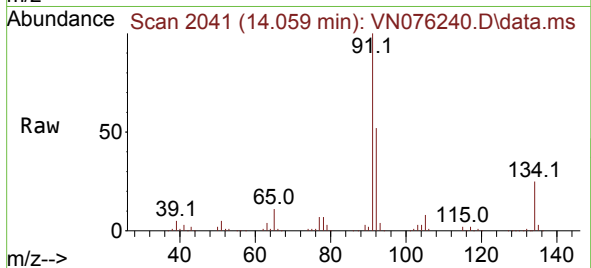
Tgt Ion: 91 Resp: 205110

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.2

134 26.6 13.4 40.2



#90

Hexachloroethane

Concen: 19.137 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076240.D

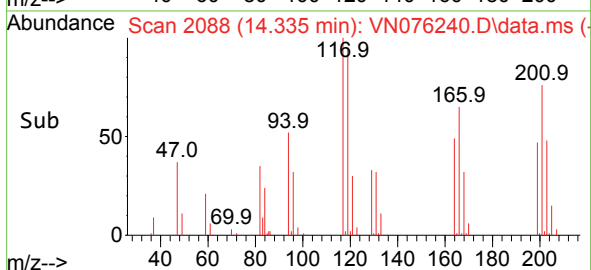
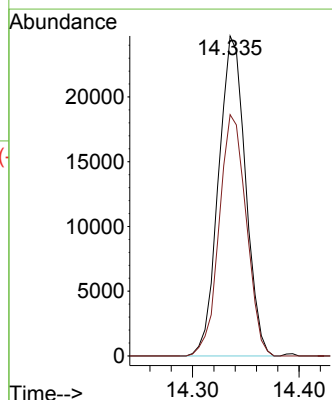
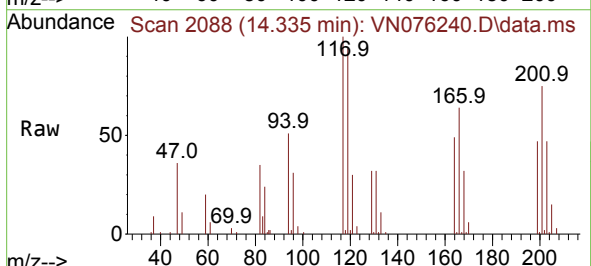
Acq: 13 Jan 2023 11:50

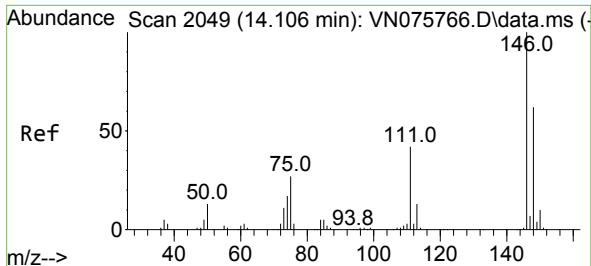
Tgt Ion: 117 Resp: 43408

Ion Ratio Lower Upper

117 100

201 75.8 38.0 114.1





#91

1,2-Dichlorobenzene

Concen: 19.617 ug/l

RT: 14.112 min Scan# 2049

Delta R.T. 0.006 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

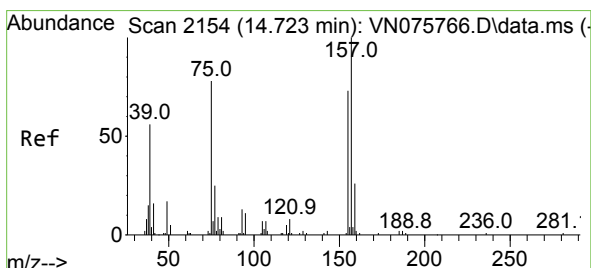
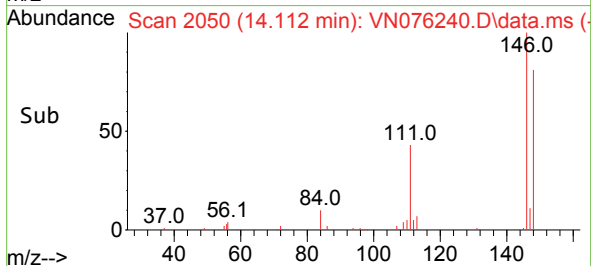
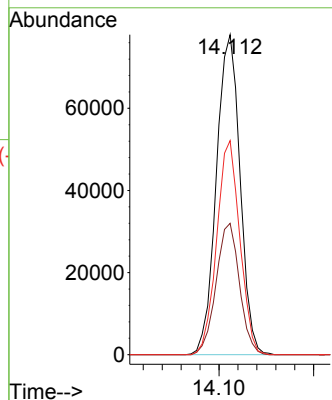
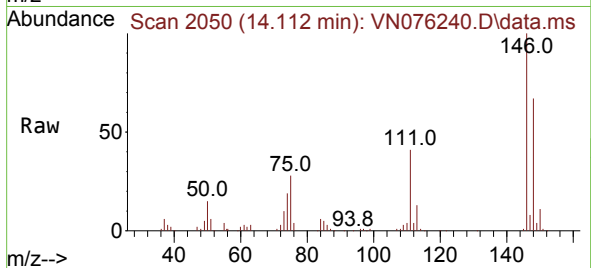
Tgt Ion:146 Resp: 135154

Ion Ratio Lower Upper

146 100

111 40.7 20.3 61.0

148 65.3 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.423 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

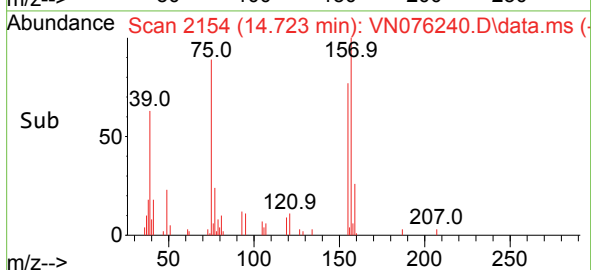
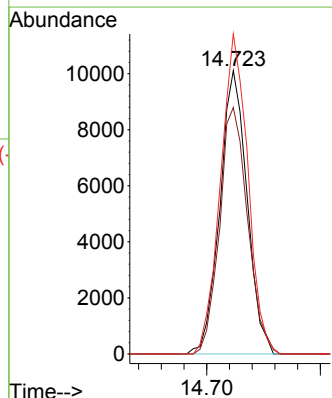
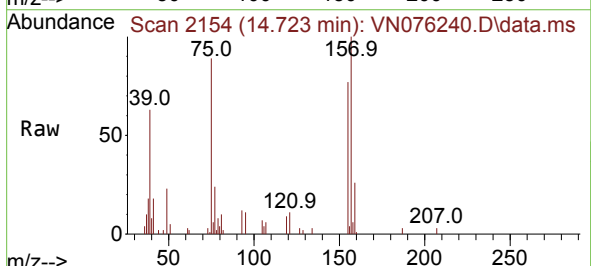
Tgt Ion: 75 Resp: 16762

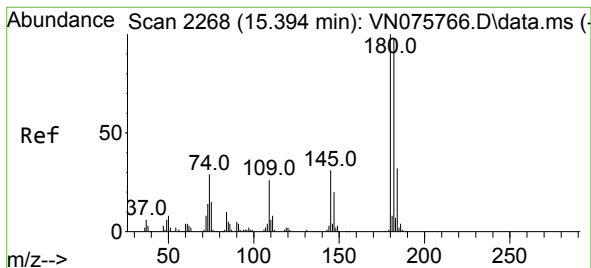
Ion Ratio Lower Upper

75 100

155 89.9 49.3 147.8

157 114.1 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 18.696 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

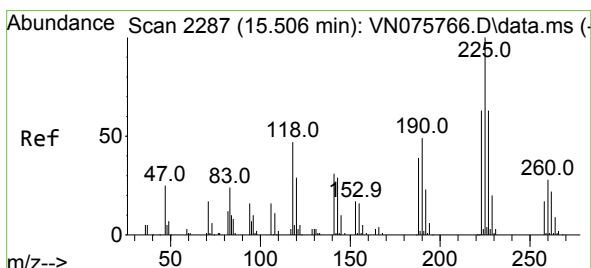
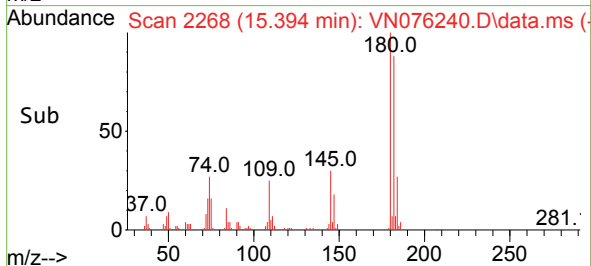
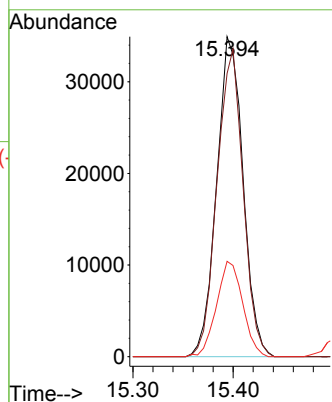
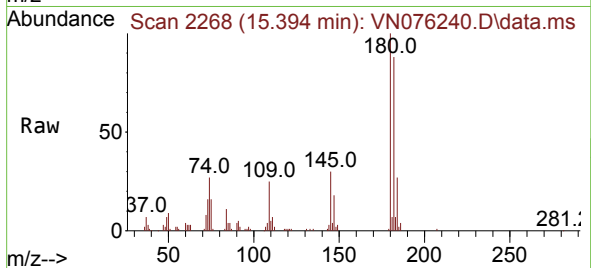
Tgt Ion:180 Resp: 63772

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

145 29.5 15.3 45.8



#94

Hexachlorobutadiene

Concen: 18.952 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

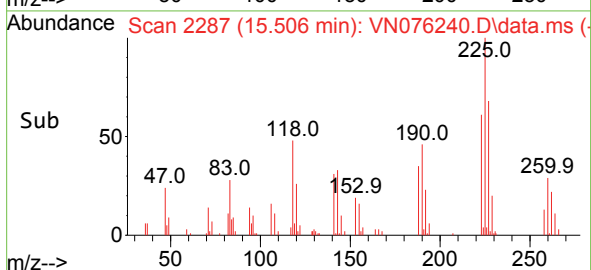
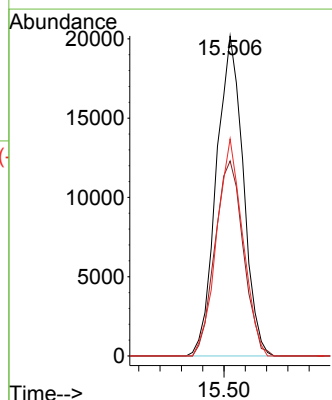
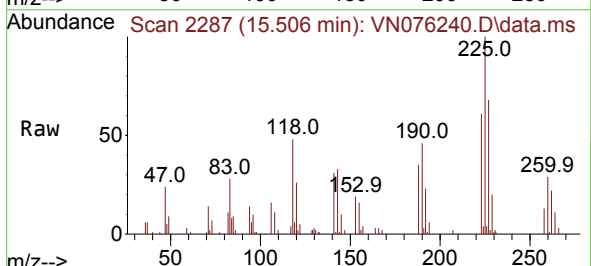
Tgt Ion:225 Resp: 35269

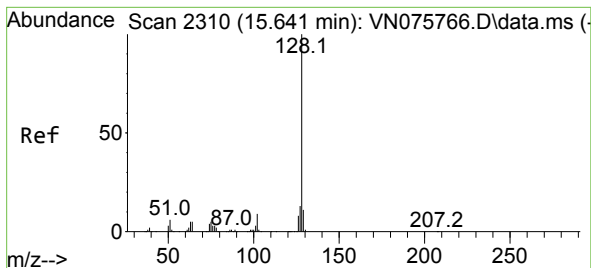
Ion Ratio Lower Upper

225 100

223 64.5 31.5 94.5

227 66.1 31.6 95.0





#95

Naphthalene

Concen: 18.644 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Instrument :

MSVOA_N

ClientSampleId :

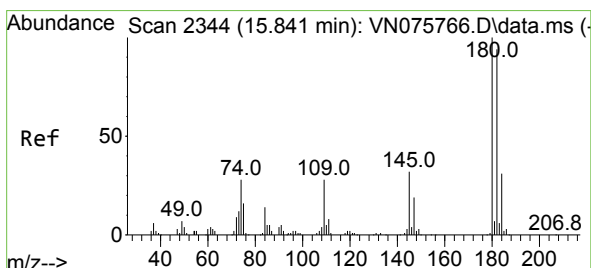
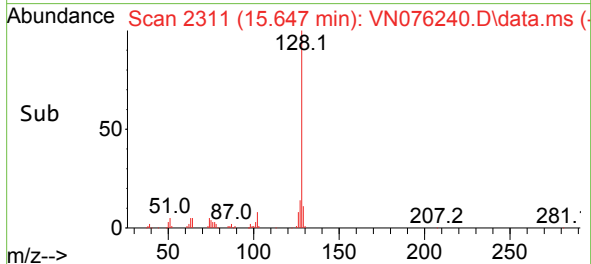
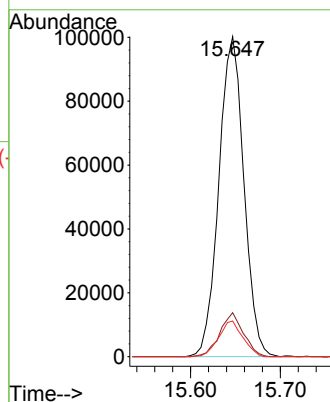
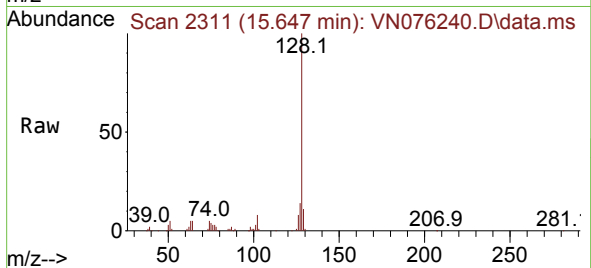
Tgt Ion:128 Resp: 194004

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.339 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN076240.D

Acq: 13 Jan 2023 11:50

Tgt Ion:180 Resp: 61654

Ion Ratio Lower Upper

180 100

182 97.5 47.0 141.0

145 33.2 16.0 47.9

