

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111822\
 Data File : VN075323.D
 Acq On : 18 Nov 2022 19:29
 Operator : JC\MD
 Sample : N5668-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 05:11:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	199511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	324878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	314179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171478	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115724	43.049	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.100%
35) Dibromofluoromethane	8.171	113	98443	51.617	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.240%
50) Toluene-d8	10.565	98	393275	53.149	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.300%
62) 4-Bromofluorobenzene	12.847	95	158420	60.948	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.900%

Target Compounds			Qvalue			
5) Bromomethane	2.924	94	56	Below Cal		81
8) Diethyl Ether	3.971	74	758	0.517 ug/l	#	1
11) Tert butyl alcohol	5.536	59	134367	214.338 ug/l	#	90
13) Acrolein	4.283	56	264	0.515 ug/l	#	1
15) Acrylonitrile	5.806	53	709	0.535 ug/l	#	27
16) Acetone	4.436	43	206062	181.036 ug/l		96
18) Methyl Acetate	5.036	43	31681	8.521 ug/l		99
19) Methyl tert-butyl Ether	5.806	73	80699	10.267 ug/l		94
20) Methylene Chloride	5.277	84	3469	1.367 ug/l		96
22) Diisopropyl ether	6.688	45	360858	52.940 ug/l	#	1
23) Vinyl Acetate	6.688	43	27284	4.793 ug/l	#	67
24) 1,1-Dichloroethane	6.694	63	2642	0.613 ug/l	#	82
25) 2-Butanone	7.488	43	106838	59.675 ug/l		97
29) Tetrahydrofuran	7.847	42	2042	1.765 ug/l	#	62
31) Cyclohexane	8.224	56	3843	0.961 ug/l	#	1
36) 1,1-Dichloropropene	8.224	75	13654	4.624 ug/l	#	51
37) Ethyl Acetate	7.488	43	106838	32.994 ug/l	#	66
38) Carbon Tetrachloride	8.224	117	19419	5.979 ug/l	#	15
40) Benzene	8.612	78	42228	4.671 ug/l		96
42) 1,2-Dichloroethane	8.677	62	1972	0.600 ug/l	#	75
43) Isopropyl Acetate	8.541	43	1092669	217.542 ug/l	#	53
45) 1,2-Dichloropropane	9.659	63	583	0.271 ug/l	#	1
47) Bromodichloromethane	9.647	83	770	0.237 ug/l	#	1
48) Methyl methacrylate	9.659	41	198415	86.117 ug/l	#	35
49) 1,4-Dioxane	9.706	88	24319	403.075 ug/l	#	28
51) 4-Methyl-2-Pentanone	10.447	43	68405	21.105 ug/l		97
52) Toluene	10.629	92	253391	41.929 ug/l		98
53) t-1,3-Dichloropropene	10.918	75	941	0.275 ug/l	#	43
56) Ethyl methacrylate	10.800	69	24084	6.589 ug/l	#	29
59) 2-Hexanone	11.200	43	17272	7.021 ug/l		61
67) Ethyl Benzene	11.965	91	244754	20.286 ug/l		97
68) m/p-Xylenes	12.065	106	485958	100.379 ug/l		99
69) o-Xylene	12.400	106	291231	60.829 ug/l		100
70) Styrene	12.400	104	13839	1.813 ug/l	#	1
71) Bromoform	12.847	173	974	0.523 ug/l	#	1
73) Isopropylbenzene	12.694	105	22557	1.639 ug/l		100

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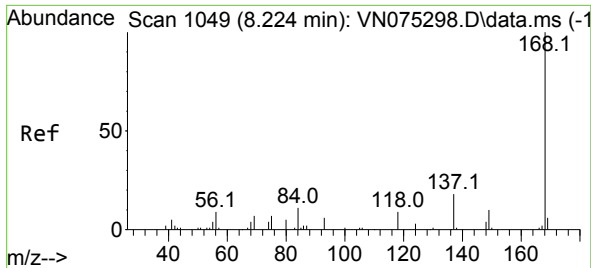
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

74) N-amyl acetate	12.423	43	292436	57.435	ug/l #	1	
75) 1,1,2,2-Tetrachloroethane	12.982	83	86295	19.398	ug/l #	26	
76) 1,2,3-Trichloropropane	13.117	75	17655	4.849	ug/l #	37	
78) n-propylbenzene	13.035	91	52866	3.420	ug/l	98	
79) 2-Chlorotoluene	13.094	91	27314	2.892	ug/l #	64	
80) 1,3,5-Trimethylbenzene	13.170	105	96309	8.329	ug/l	100	
81) trans-1,4-Dichloro-2-b...	12.741	75	3681	2.595	ug/l #	52	
82) 4-Chlorotoluene	13.094	91	27314	2.892	ug/l #	64	
83) tert-Butylbenzene	13.482	119	55095	5.362	ug/l #	61	
84) 1,2,4-Trimethylbenzene	13.482	105	486753	41.606	ug/l	96	
85) sec-Butylbenzene	13.482	105	486753	33.866	ug/l #	56	
86) p-Isopropyltoluene	13.729	119	5376	0.453	ug/l #	77	
89) n-Butylbenzene	14.059	91	3974	0.416	ug/l #	72	
90) Hexachloroethane	14.335	117	3061	1.406	ug/l #	19	
92) 1,2-Dibromo-3-Chloropr...	14.688	75	338	0.364	ug/l #	2	
95) Naphthalene	15.641	128	72300	7.405	ug/l	97	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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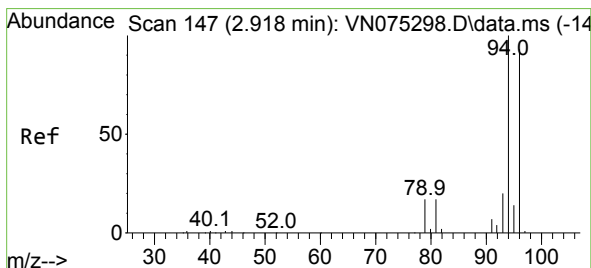
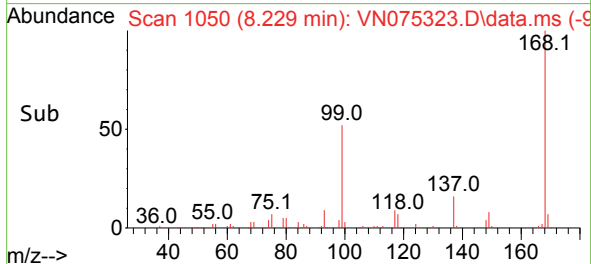
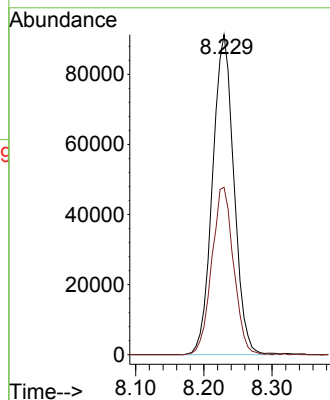
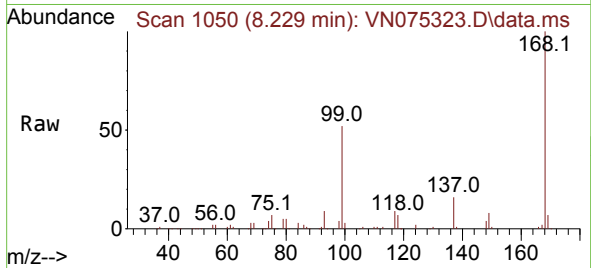




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1049
Delta R.T. -0.001 min
Lab File: VN075323.D
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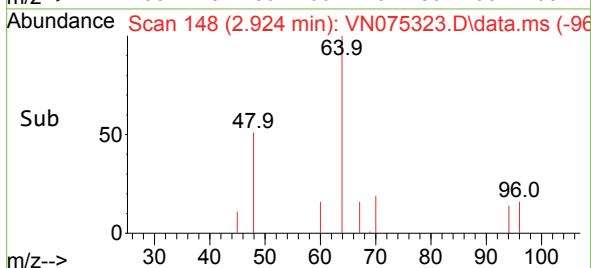
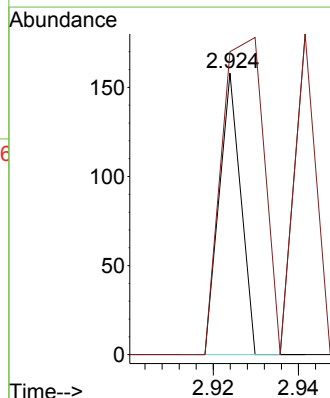
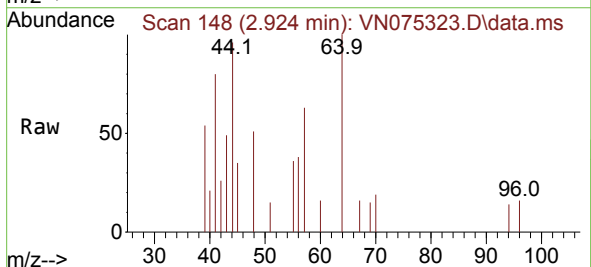
Instrument :
MSVOA_N
ClientSampleId :

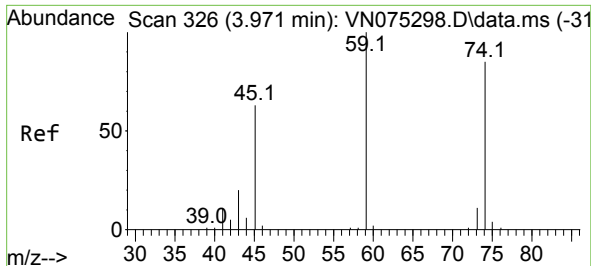
Tgt Ion:168 Resp: 199511
Ion Ratio Lower Upper
168 100
99 52.3 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.924 min Scan# 148
Delta R.T. 0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 94 Resp: 56
Ion Ratio Lower Upper
94 100
96 107.6 71.8 107.6





#8

Diethyl Ether

Concen: 0.517 ug/l

RT: 3.971 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN075323.D

Acq: 18 Nov 2022 19:29

Instrument :

MSVOA_N

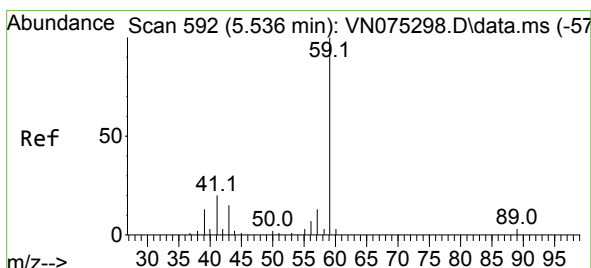
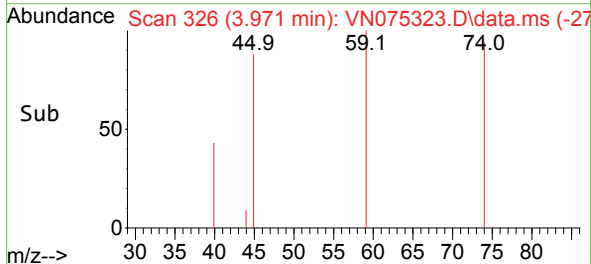
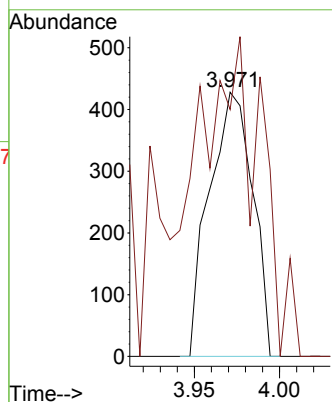
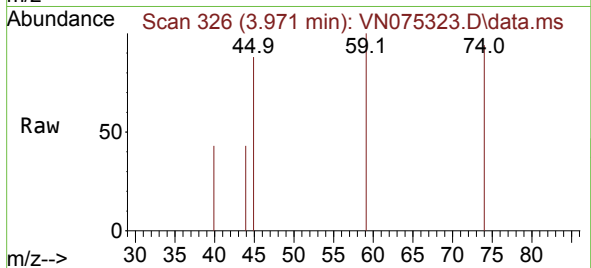
ClientSampleId :

Tgt Ion: 74 Resp: 758

Ion Ratio Lower Upper

74 100

45 173.5 39.3 117.9#



#11

Tert butyl alcohol

Concen: 214.338 ug/l

RT: 5.536 min Scan# 592

Delta R.T. -0.006 min

Lab File: VN075323.D

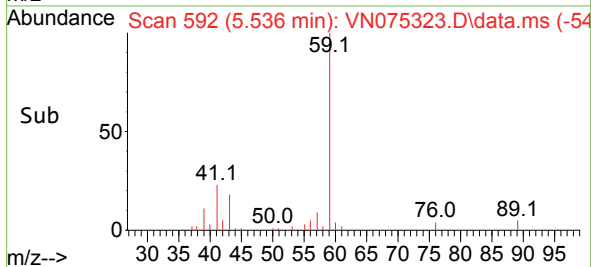
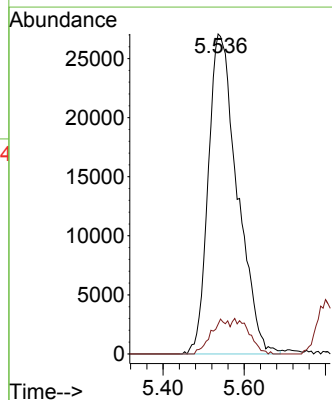
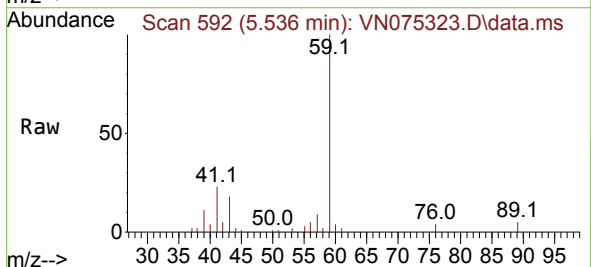
Acq: 18 Nov 2022 19:29

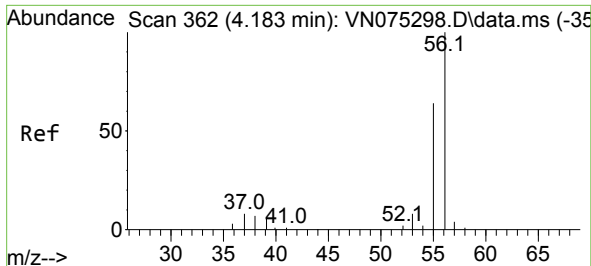
Tgt Ion: 59 Resp: 134367

Ion Ratio Lower Upper

59 100

57 6.9 8.5 12.7#





#13

Acrolein

Concen: 0.515 ug/l

RT: 4.283 min Scan# 31

Delta R.T. 0.094 min

Lab File: VN075323.D

Acq: 18 Nov 2022 19:29

Instrument :

MSVOA_N

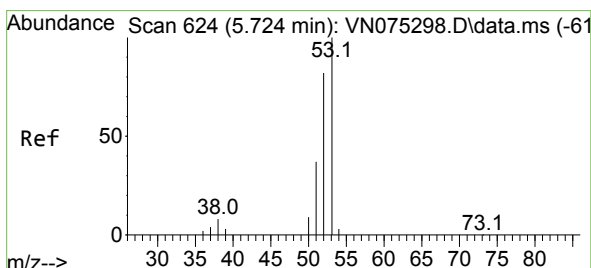
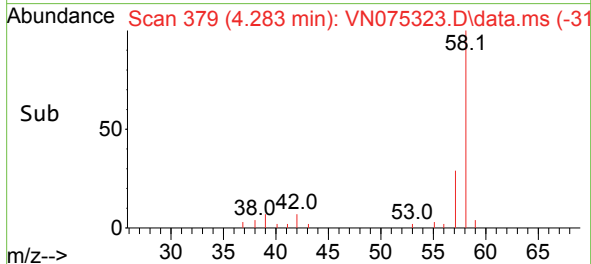
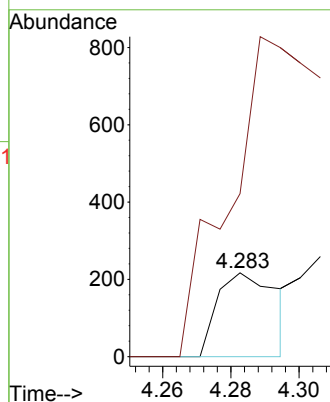
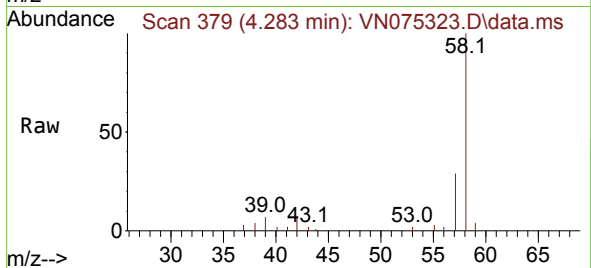
ClientSampleId :

Tgt Ion: 56 Resp: 264

Ion Ratio Lower Upper

56 100

55 807.2 55.2 82.8#



#15

Acrylonitrile

Concen: 0.535 ug/l

RT: 5.806 min Scan# 638

Delta R.T. 0.076 min

Lab File: VN075323.D

Acq: 18 Nov 2022 19:29

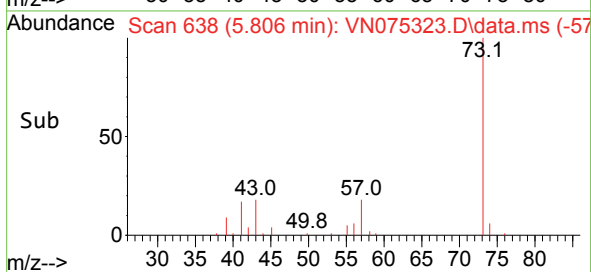
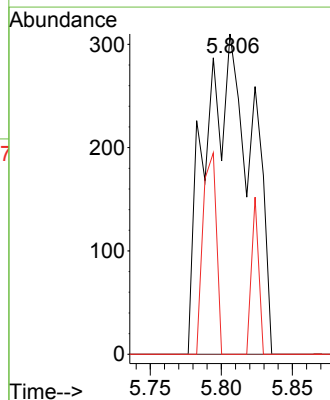
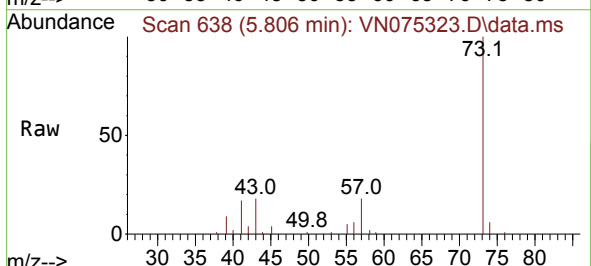
Tgt Ion: 53 Resp: 709

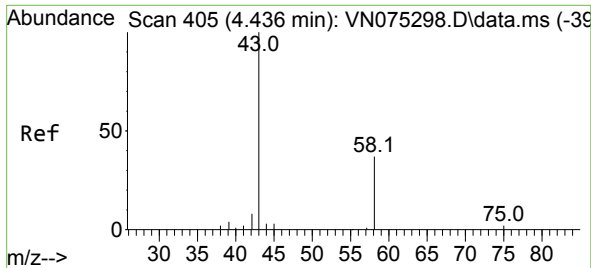
Ion Ratio Lower Upper

53 100

52 0.0 66.4 99.6#

51 18.2 29.6 44.4#

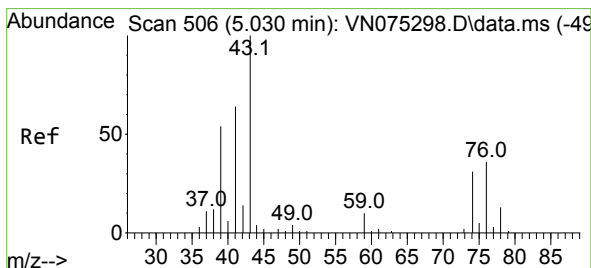
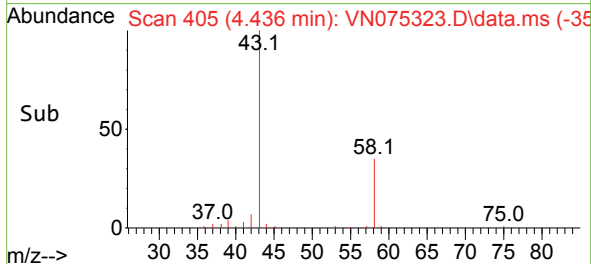
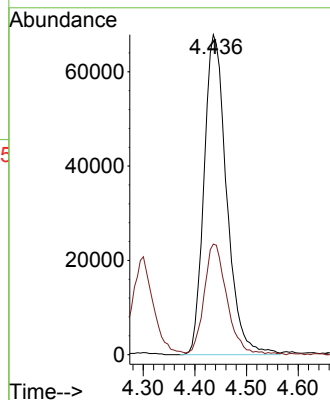
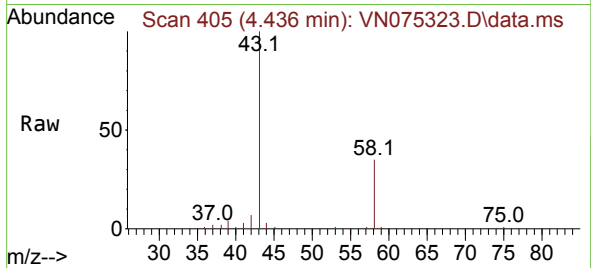




#16
Acetone
Concen: 181.036 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

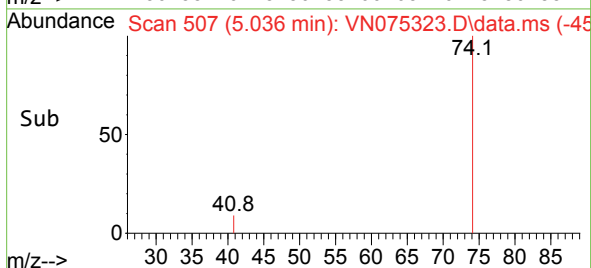
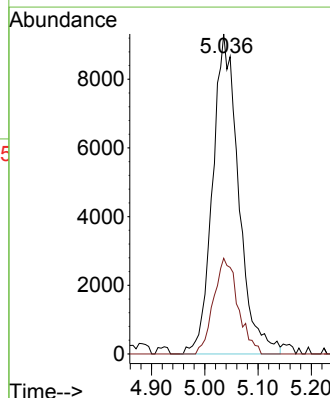
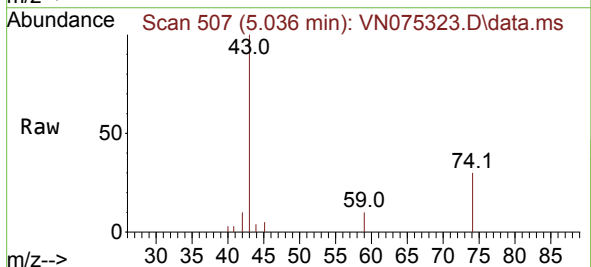
Instrument :
MSVOA_N
ClientSampleId :

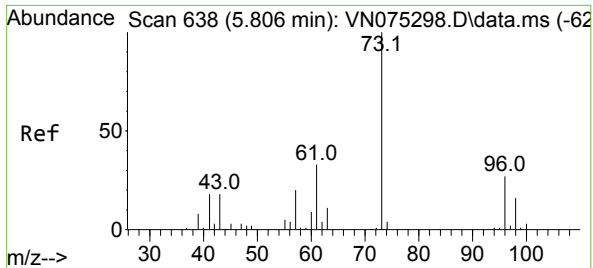
Tgt Ion: 43 Resp: 206062
Ion Ratio Lower Upper
43 100
58 34.1 25.5 38.3



#18
Methyl Acetate
Concen: 8.521 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 43 Resp: 31681
Ion Ratio Lower Upper
43 100
74 28.0 22.0 33.0

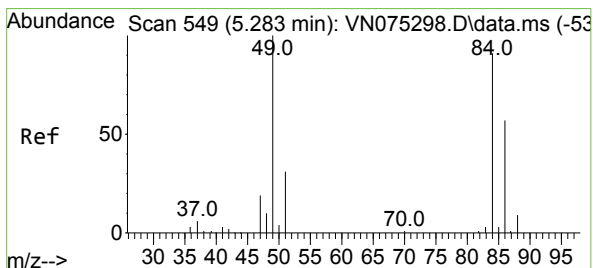
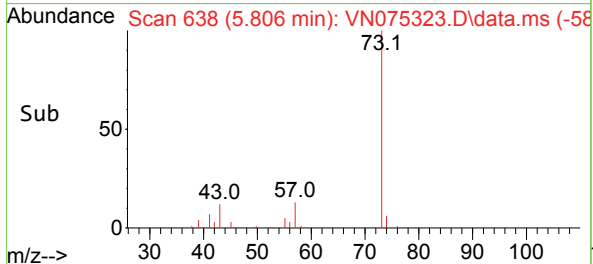
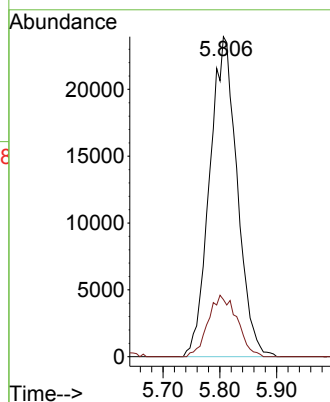
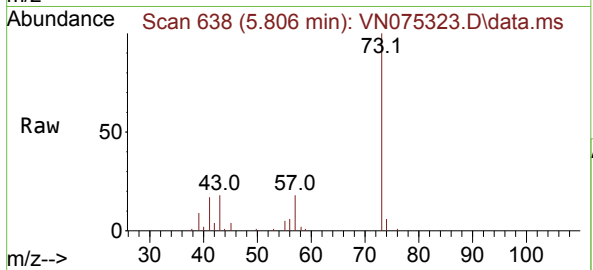




#19
Methyl tert-butyl Ether
Concen: 10.267 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

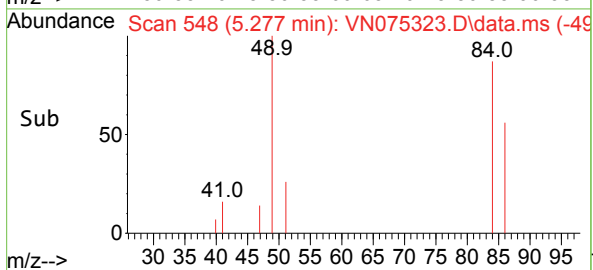
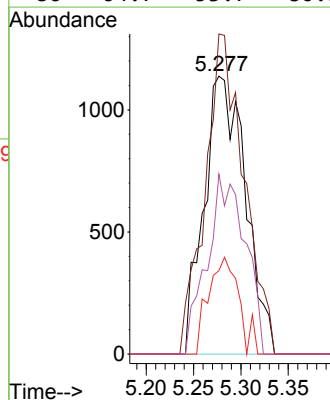
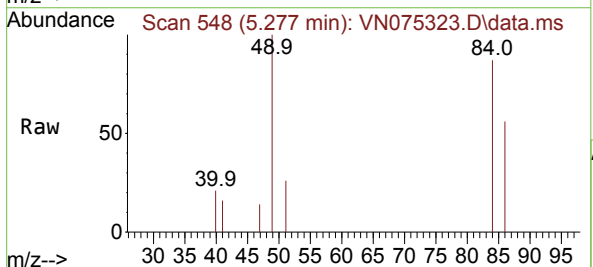
Instrument :
MSVOA_N
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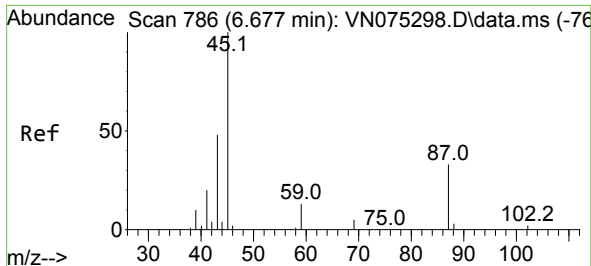
Tgt Ion: 73 Resp: 80699
Ion Ratio Lower Upper
73 100
57 17.8 16.3 24.5



#20
Methylene Chloride
Concen: 1.367 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

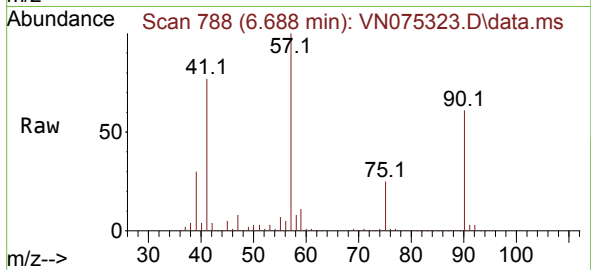
Tgt Ion: 84 Resp: 3469
Ion Ratio Lower Upper
84 100
49 115.2 94.9 142.3
51 30.1 26.8 40.2
86 64.7 53.7 80.5



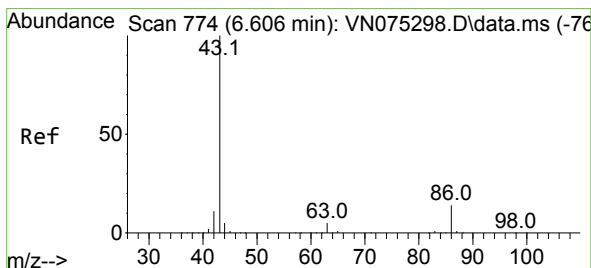
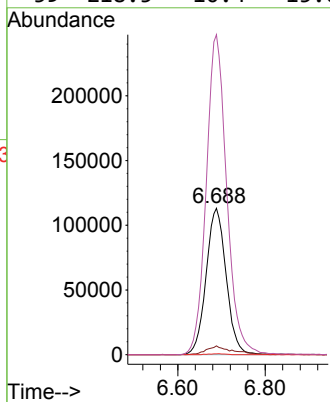
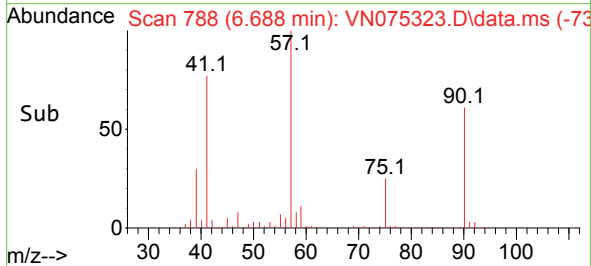


#22
Diisopropyl ether
Concen: 52.940 ug/l
RT: 6.688 min Scan# 786
Delta R.T. 0.005 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :

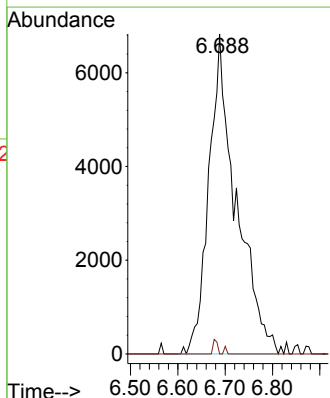
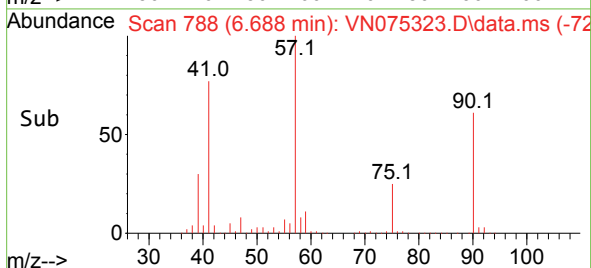
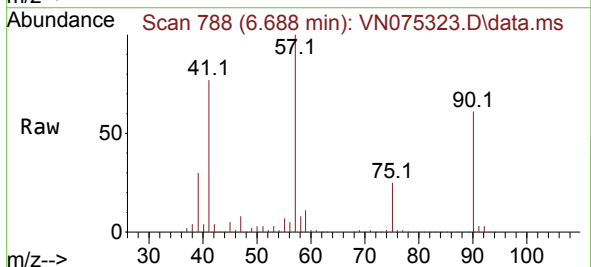


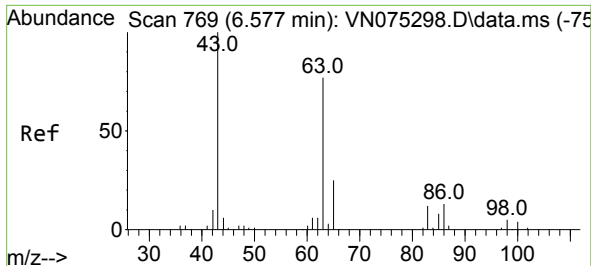
Tgt Ion: 45 Resp: 360858
Ion Ratio Lower Upper
45 100
43 6.0 42.8 64.2#
87 0.6 28.4 42.6#
59 218.5 10.4 15.6#



#23
Vinyl Acetate
Concen: 4.793 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.076 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 43 Resp: 27284
Ion Ratio Lower Upper
43 100
86 0.0 10.7 16.1#

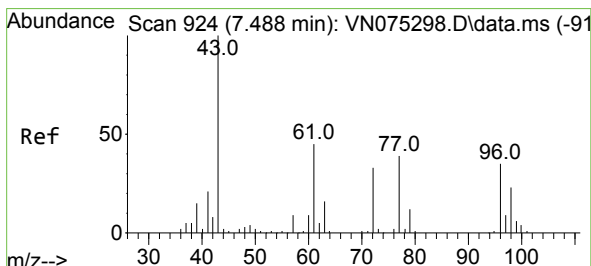
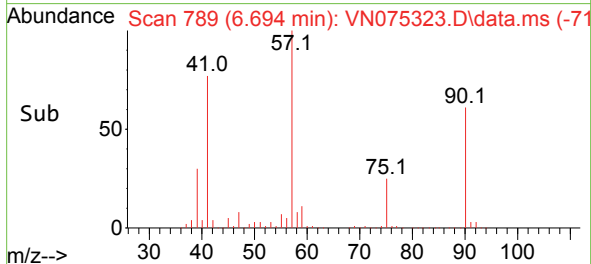
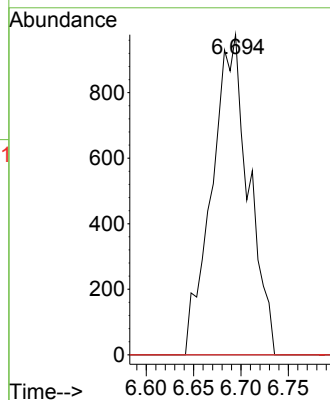
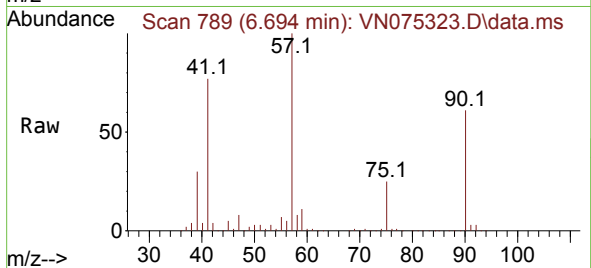




#24
 1,1-Dichloroethane
 Concen: 0.613 ug/l
 RT: 6.694 min Scan# 71
 Delta R.T. 0.117 min
 Lab File: VN075323.D
 Acq: 18 Nov 2022 19:29

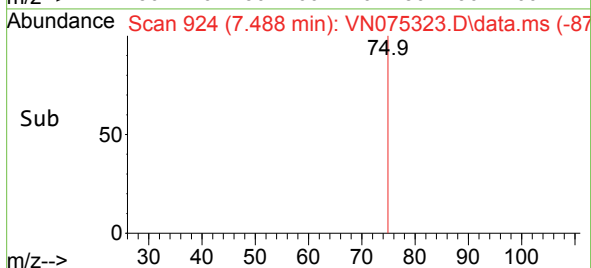
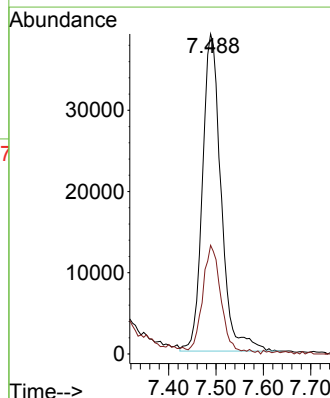
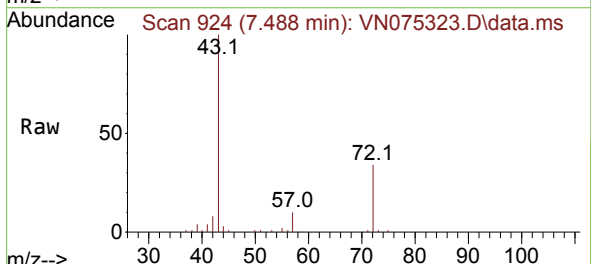
Instrument :
 MSVOA_N
 ClientSampleId :

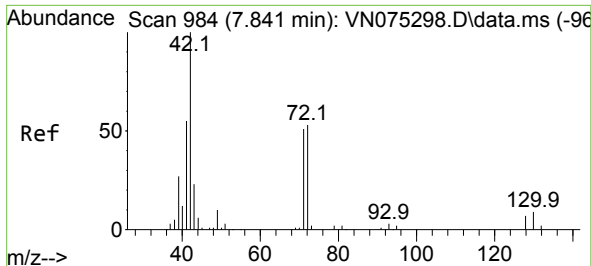
Tgt Ion: 63 Resp: 2642
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.6 10.8#
 100 0.0 2.4 7.2#



#25
 2-Butanone
 Concen: 59.675 ug/l
 RT: 7.488 min Scan# 924
 Delta R.T. -0.006 min
 Lab File: VN075323.D
 Acq: 18 Nov 2022 19:29

Tgt Ion: 43 Resp: 106838
 Ion Ratio Lower Upper
 43 100
 72 33.8 25.5 38.3





#29

Tetrahydrofuran

Concen: 1.765 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.000 min

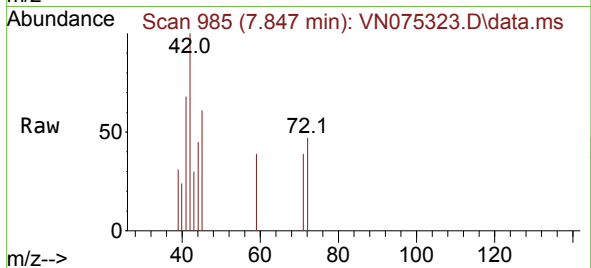
Lab File: VN075323.D

Acq: 18 Nov 2022 19:29

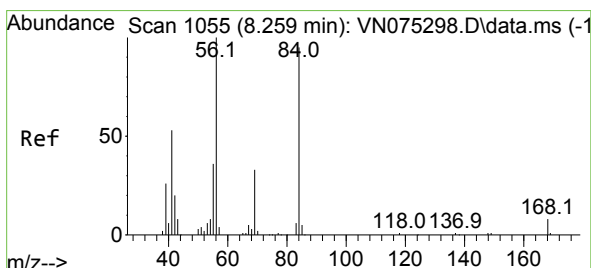
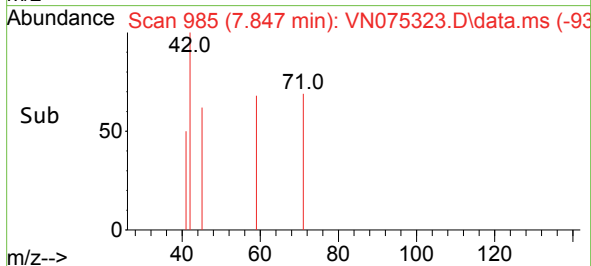
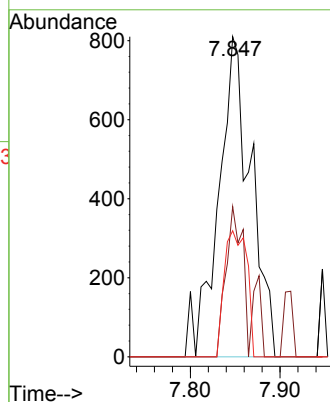
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	2042
Ion	Ratio	Lower	Upper
42	100		
72	23.9	43.0	64.6#
71	27.3	39.9	59.9#



#31

Cyclohexane

Concen: 0.961 ug/l

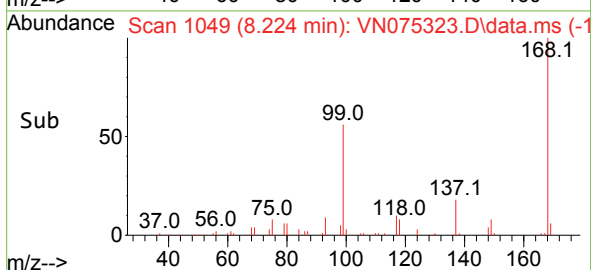
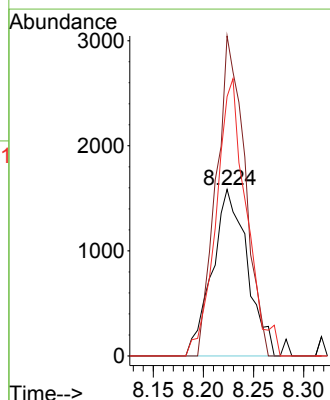
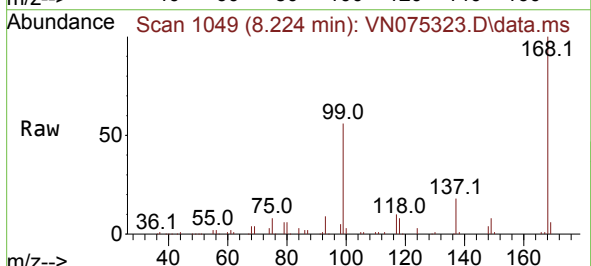
RT: 8.224 min Scan# 1049

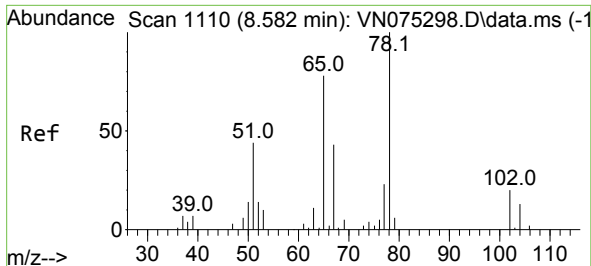
Delta R.T. -0.035 min

Lab File: VN075323.D

Acq: 18 Nov 2022 19:29

Tgt Ion:	56	Resp:	3843
Ion	Ratio	Lower	Upper
56	100		
69	192.1	25.2	37.8#
84	155.7	77.8	116.8#

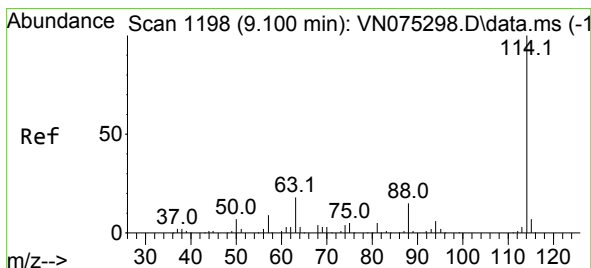
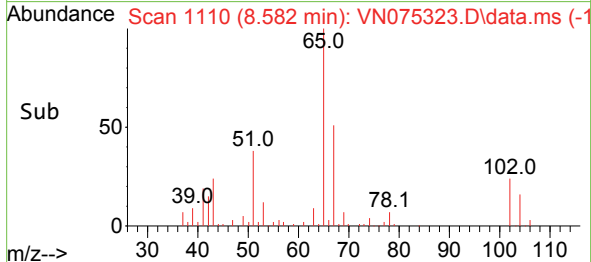
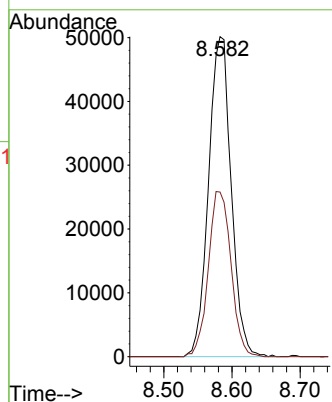
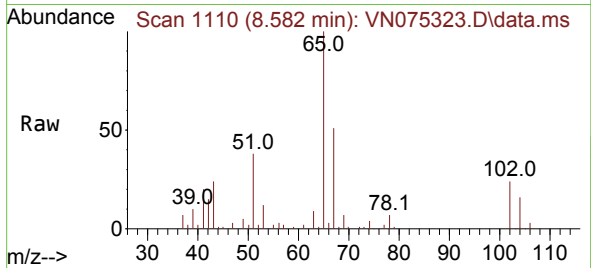




#33
 1,2-Dichloroethane-d4
 Concen: 43.049 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. -0.006 min
 Lab File: VN075323.D
 Acq: 18 Nov 2022 19:29

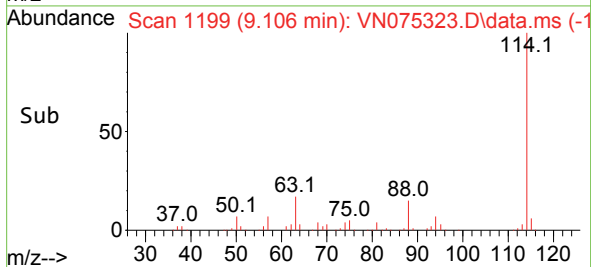
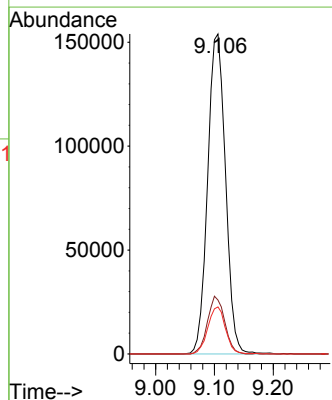
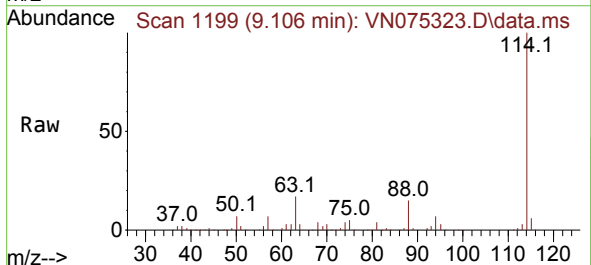
Instrument :
 MSVOA_N
 ClientSampleId :

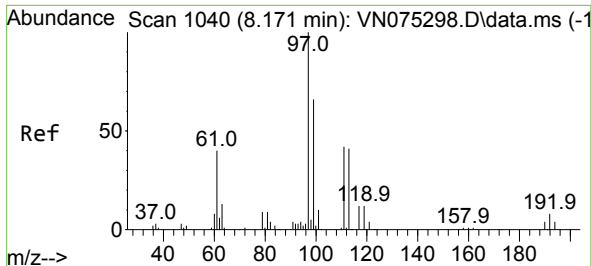
Tgt Ion: 65 Resp: 115724
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN075323.D
 Acq: 18 Nov 2022 19:29

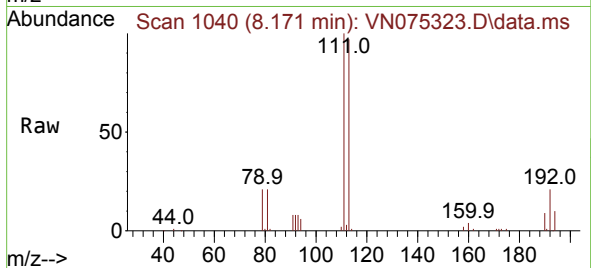
Tgt Ion:114 Resp: 324878
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 39.6
 88 14.7 0.0 29.0



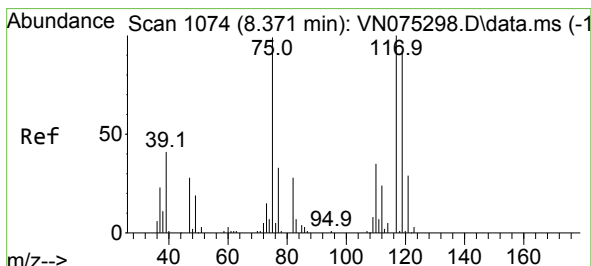
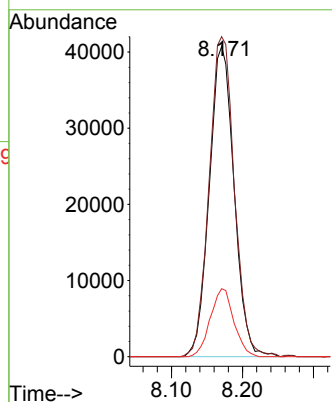
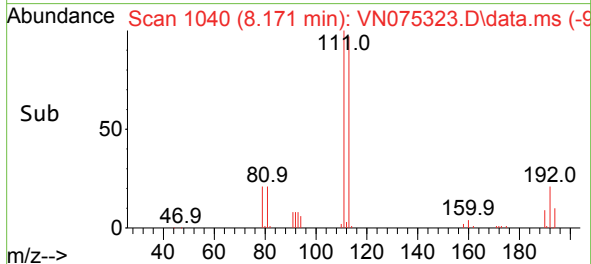


#35
Dibromofluoromethane
Concen: 51.617 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :

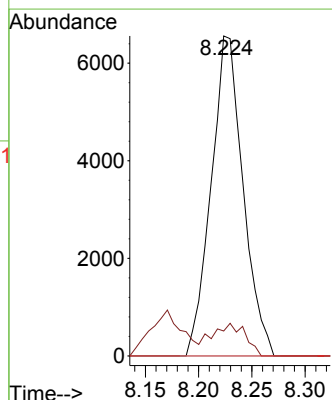
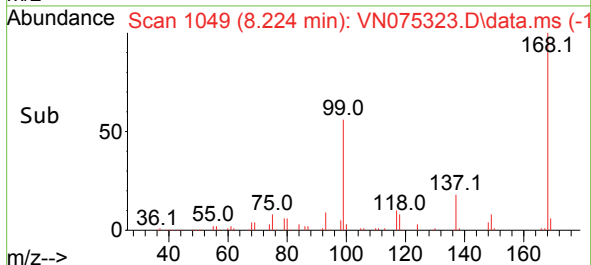
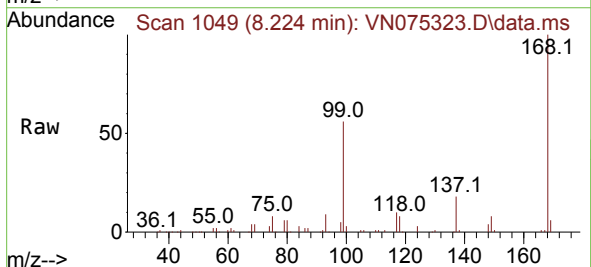


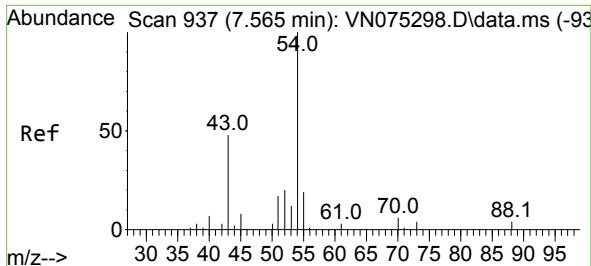
Tgt Ion:113 Resp: 98443
Ion Ratio Lower Upper
113 100
111 105.2 80.5 120.7
192 20.8 13.2 19.8#



#36
1,1-Dichloropropene
Concen: 4.624 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 75 Resp: 13654
Ion Ratio Lower Upper
75 100
110 10.6 17.8 53.3#
77 0.0 24.6 37.0#

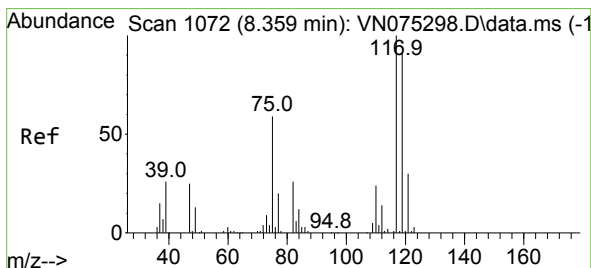
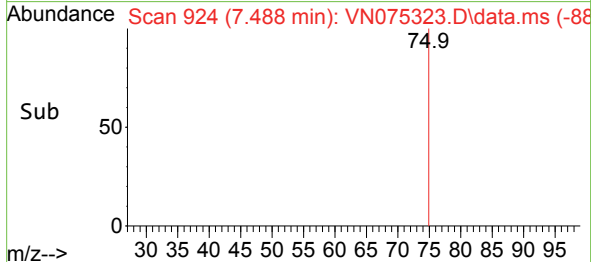
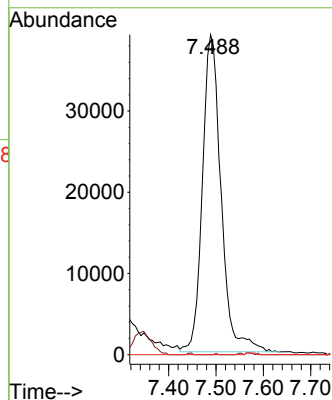
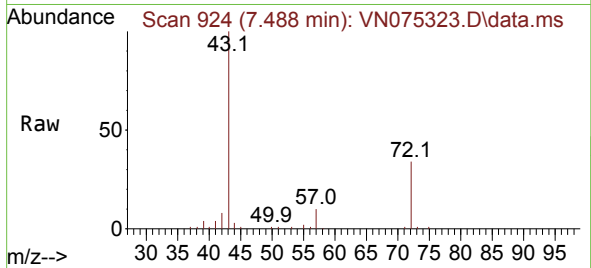




#37
Ethyl Acetate
Concen: 32.994 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.083 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

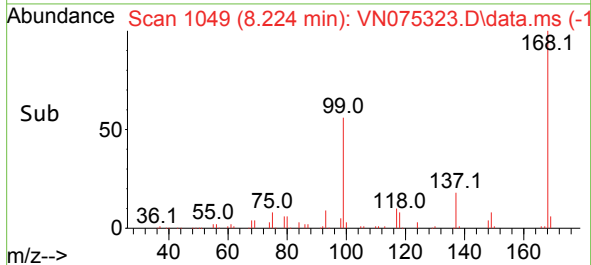
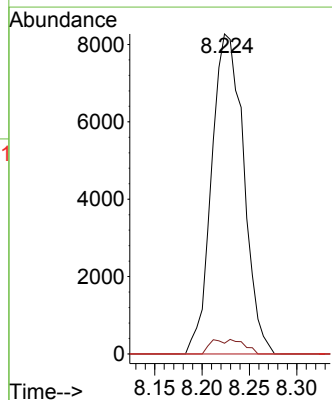
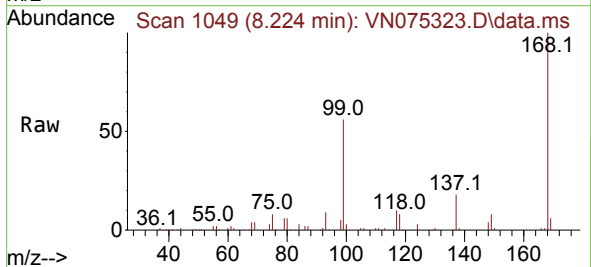
Instrument :
MSVOA_N
ClientSampleId :

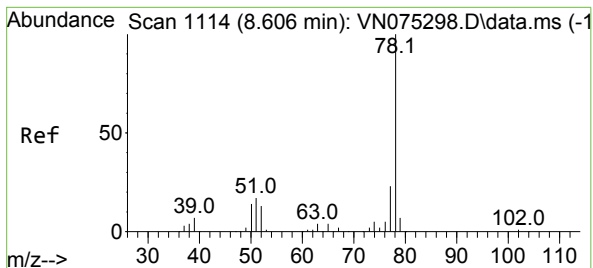
Tgt Ion: 43 Resp: 106838
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 0.1 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 5.979 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 117 Resp: 19419
Ion Ratio Lower Upper
117 100
119 3.4 76.7 115.1#
121 0.0 23.9 35.9#





#40

Benzene

Concen: 4.671 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075323.D

Acq: 18 Nov 2022 19:29

Instrument :

MSVOA_N

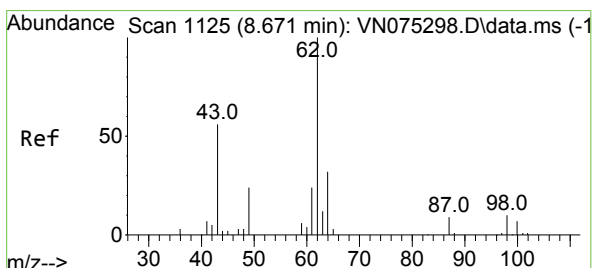
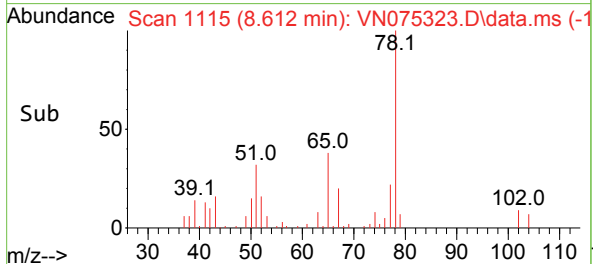
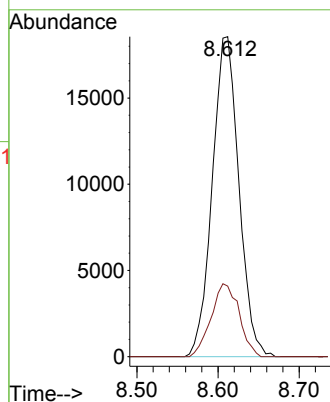
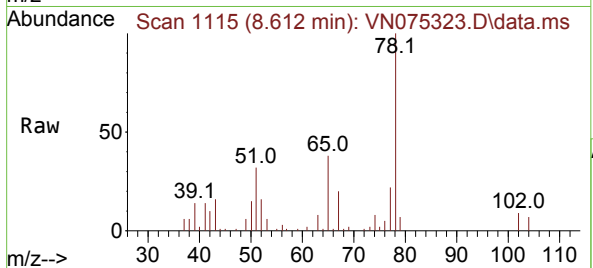
ClientSampleId :

Tgt Ion: 78 Resp: 42228

Ion Ratio Lower Upper

78 100

77 22.0 19.4 29.0



#42

1,2-Dichloroethane

Concen: 0.600 ug/l

RT: 8.677 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN075323.D

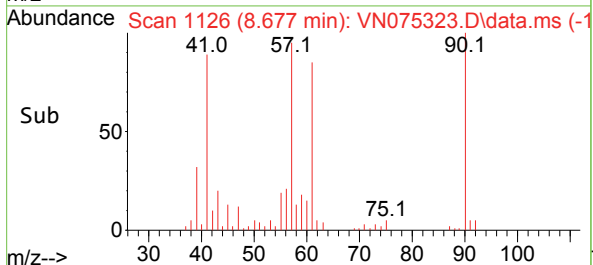
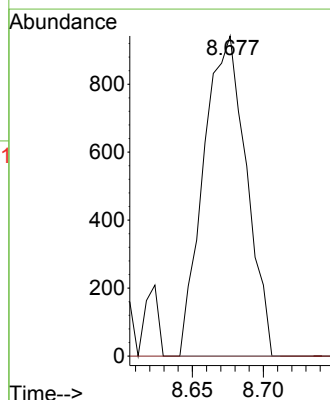
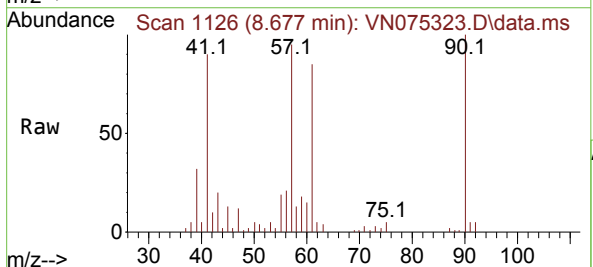
Acq: 18 Nov 2022 19:29

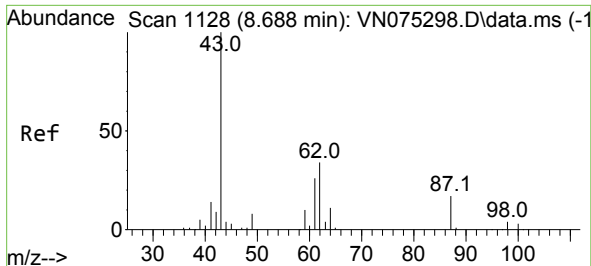
Tgt Ion: 62 Resp: 1972

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2

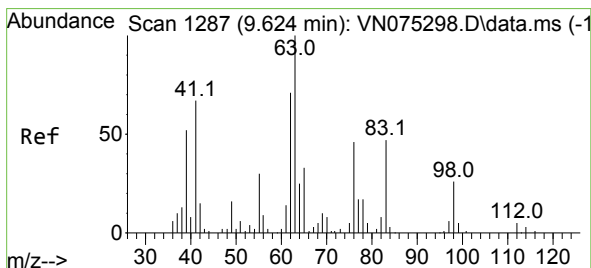
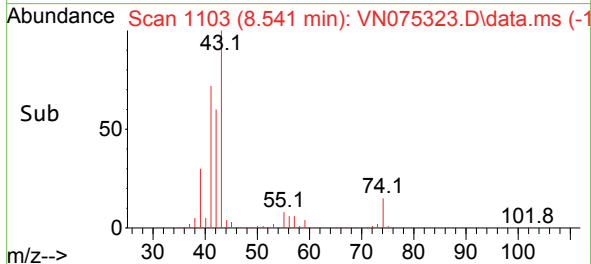
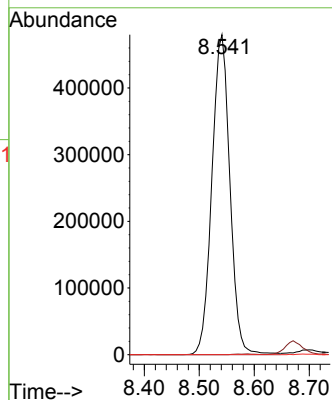
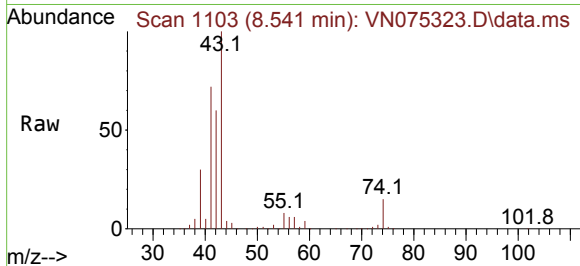




#43
Isopropyl Acetate
Concen: 217.542 ug/l
RT: 8.541 min Scan# 1128
Delta R.T. -0.153 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

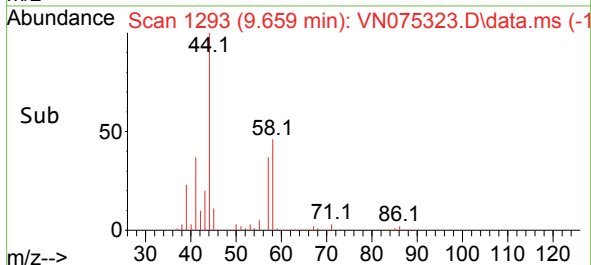
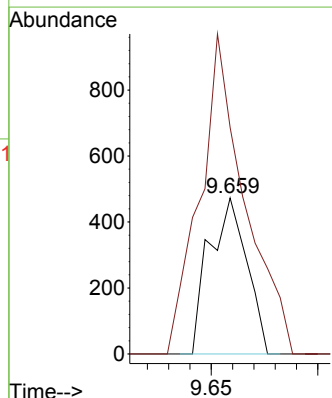
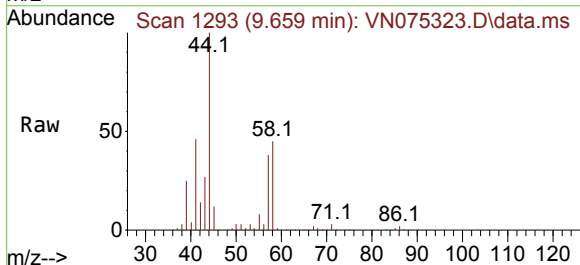
Instrument :
MSVOA_N
ClientSampleId :

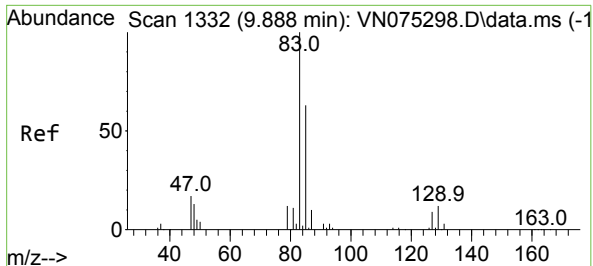
Tgt Ion: 43 Resp: 1092669
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#



#45
1,2-Dichloropropane
Concen: 0.271 ug/l
RT: 9.659 min Scan# 1293
Delta R.T. 0.035 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 63 Resp: 583
Ion Ratio Lower Upper
63 100
65 109.1 26.1 39.1#

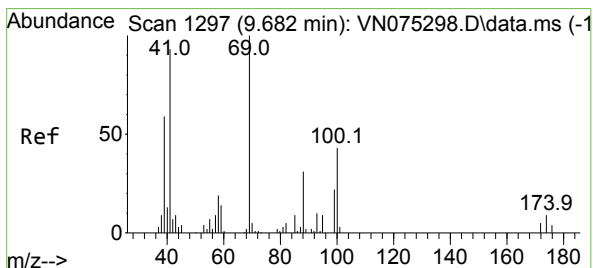
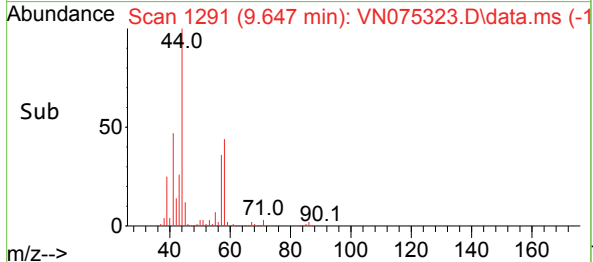
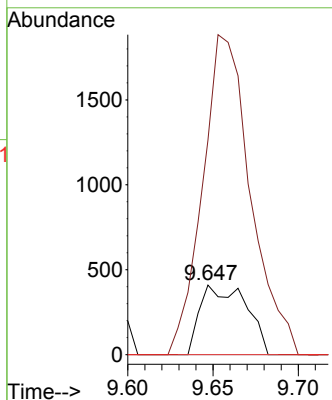
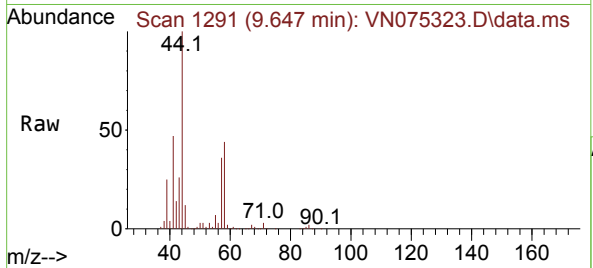




#47
Bromodichloromethane
Concen: 0.237 ug/l
RT: 9.647 min Scan# 11
Delta R.T. -0.247 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

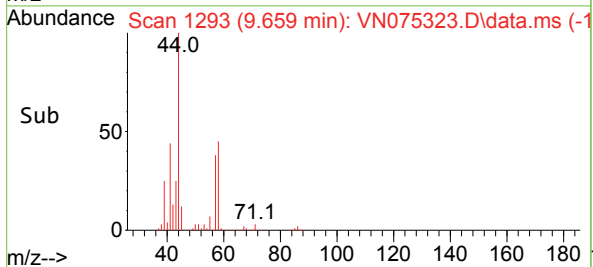
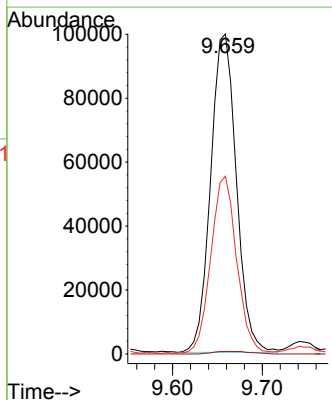
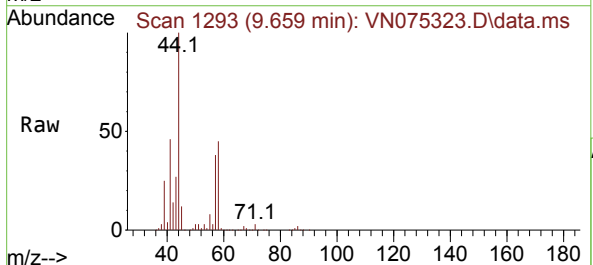
Instrument :
MSVOA_N
ClientSampleId :

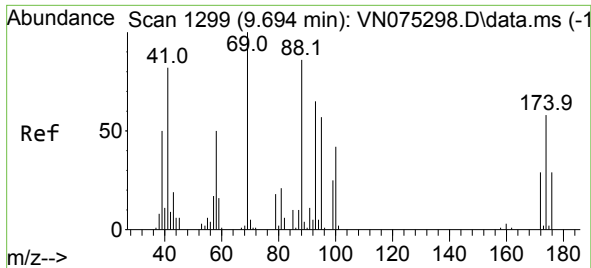
Tgt Ion: 83 Resp: 770
Ion Ratio Lower Upper
83 100
85 270.7 52.1 78.1#
127 0.0 6.6 10.0#



#48
Methyl methacrylate
Concen: 86.117 ug/l
RT: 9.659 min Scan# 1293
Delta R.T. -0.023 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 41 Resp: 198415
Ion Ratio Lower Upper
41 100
69 1.2 80.2 120.2#
39 55.9 56.2 84.2#

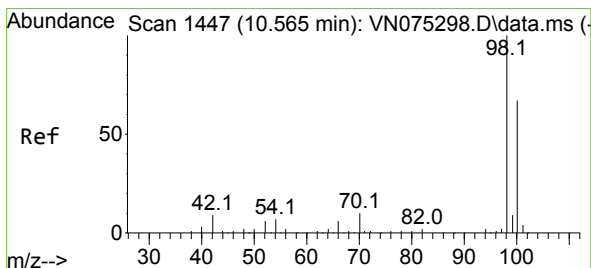
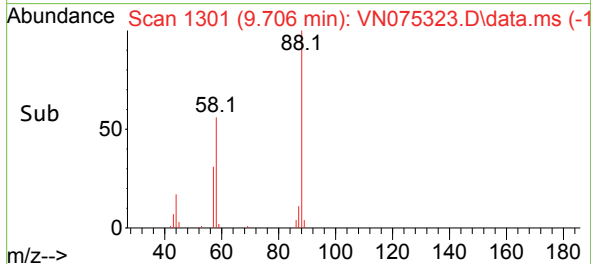
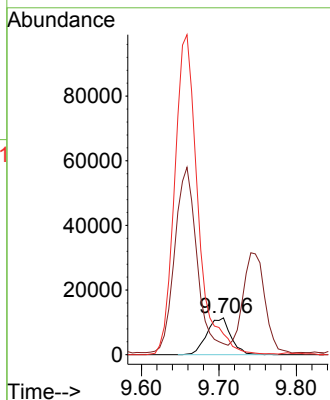
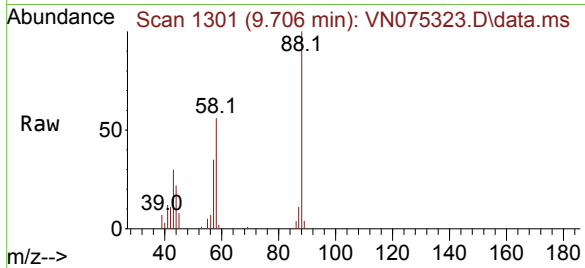




#49
1,4-Dioxane
Concen: 403.075 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

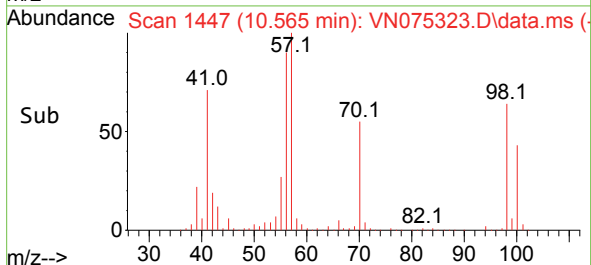
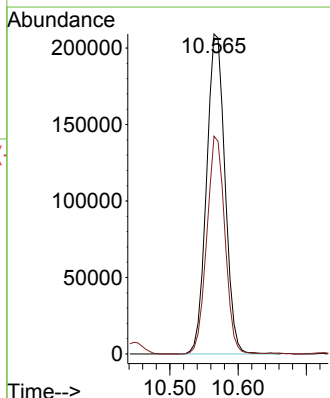
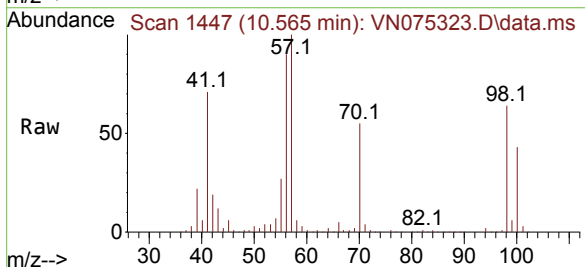
Instrument :
MSVOA_N
ClientSampleId :

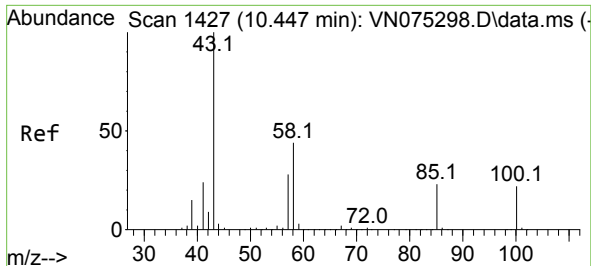
Tgt Ion: 88 Resp: 24319
Ion Ratio Lower Upper
88 100
43 0.0 17.5 26.3#
58 0.0 49.8 74.8#



#50
Toluene-d8
Concen: 53.149 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 98 Resp: 393275
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6

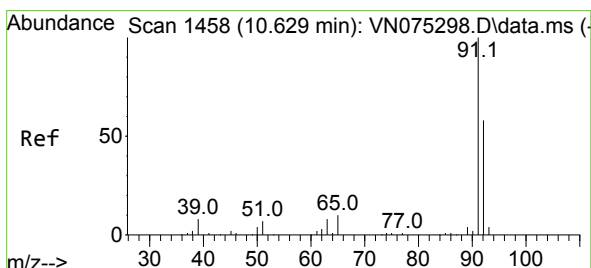
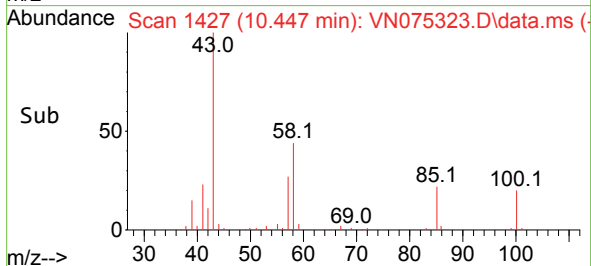
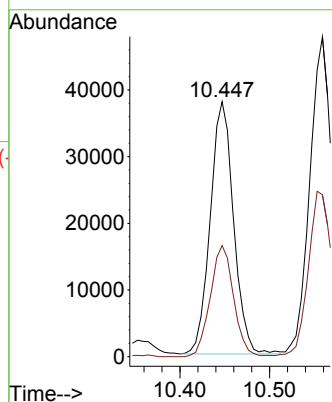
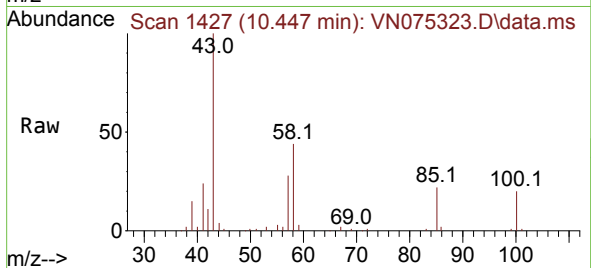




#51
4-Methyl-2-Pentanone
Concen: 21.105 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

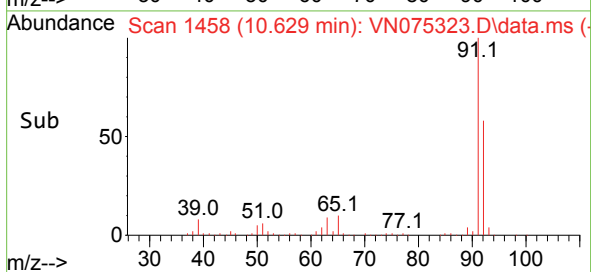
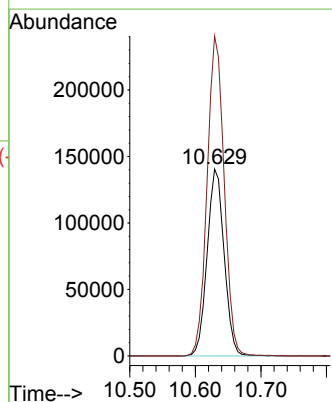
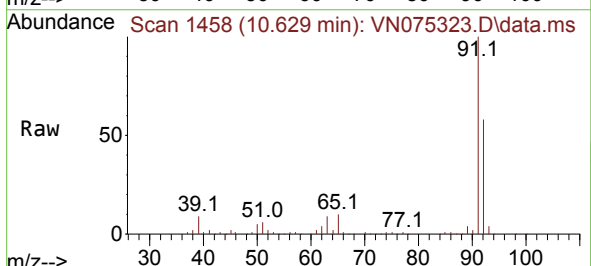
Instrument :
MSVOA_N
ClientSampleId :

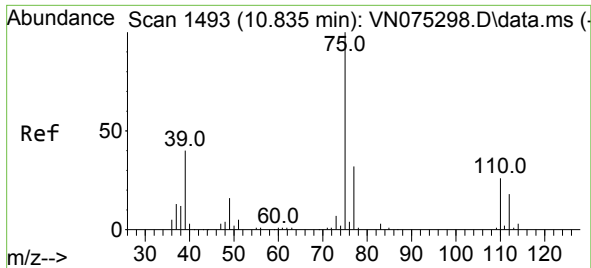
Tgt Ion: 43 Resp: 68405
Ion Ratio Lower Upper
43 100
58 43.8 33.6 50.4



#52
Toluene
Concen: 41.929 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 92 Resp: 253391
Ion Ratio Lower Upper
92 100
91 171.7 135.4 203.2

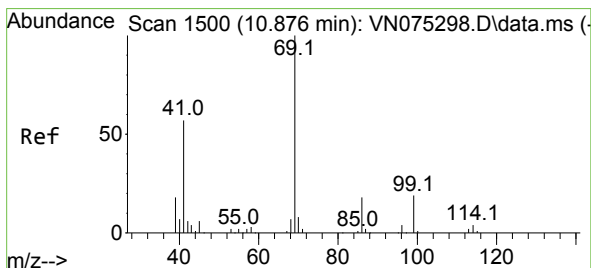
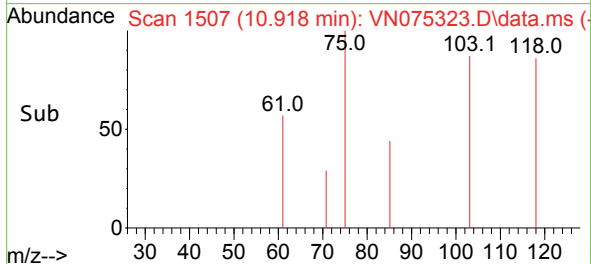
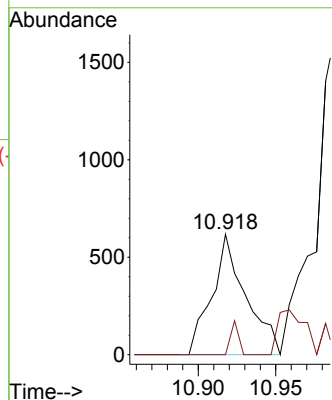
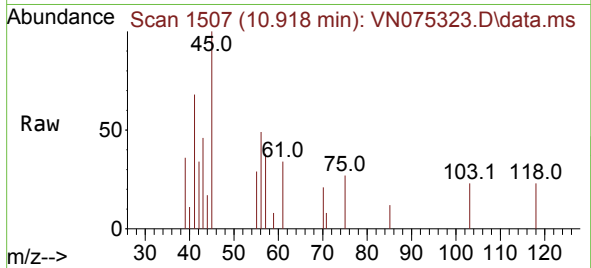




#53
t-1,3-Dichloropropene
Concen: 0.275 ug/l
RT: 10.918 min Scan# 1493
Delta R.T. 0.077 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

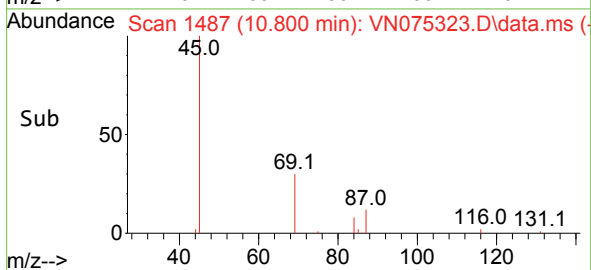
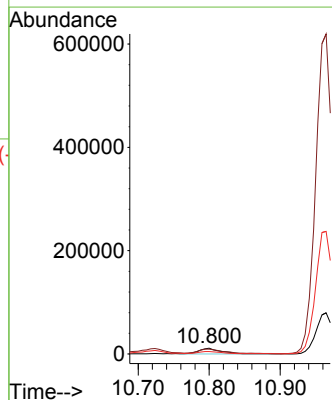
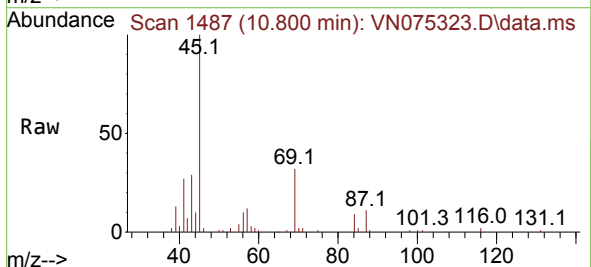
Instrument :
MSVOA_N
ClientSampleId :

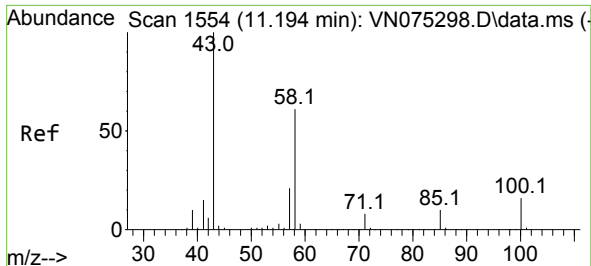
Tgt Ion: 75 Resp: 941
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#



#56
Ethyl methacrylate
Concen: 6.589 ug/l
RT: 10.800 min Scan# 1487
Delta R.T. -0.077 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 69 Resp: 24084
Ion Ratio Lower Upper
69 100
41 0.0 45.6 68.4#
39 0.0 28.5 42.7#

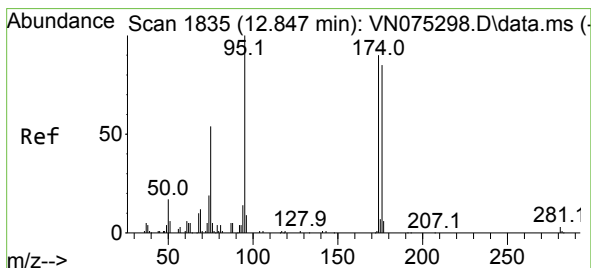
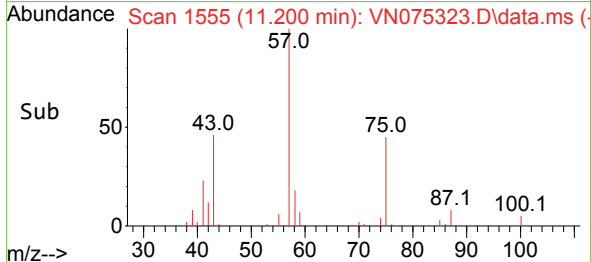
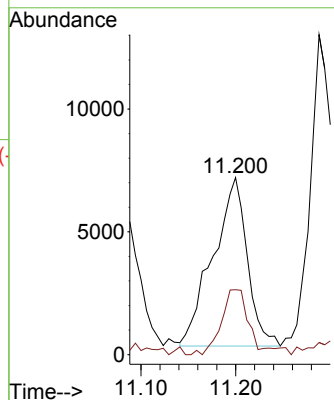
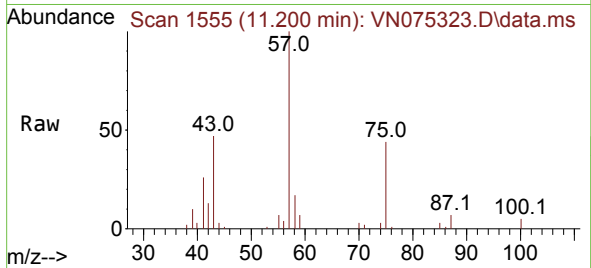




#59
2-Hexanone
Concen: 7.021 ug/l
RT: 11.200 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

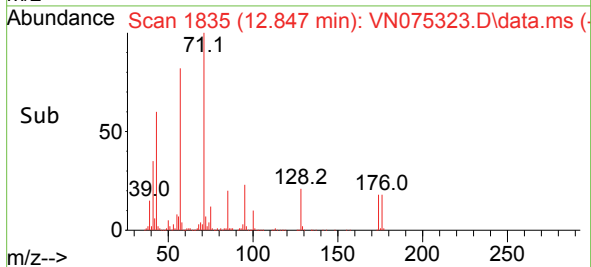
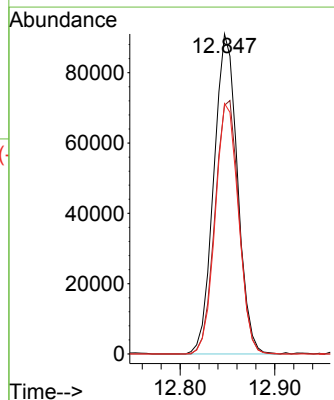
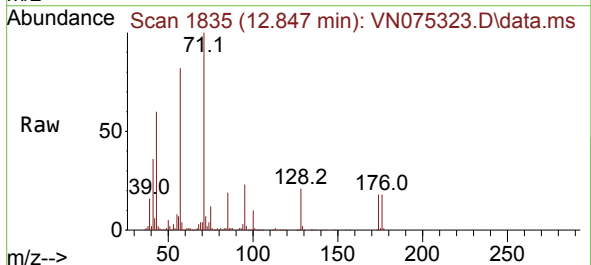
Instrument :
MSVOA_N
ClientSampleId :

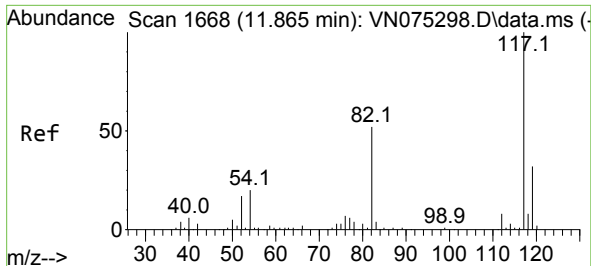
Tgt Ion: 43 Resp: 17272
Ion Ratio Lower Upper
43 100
58 29.8 29.6 88.8



#62
4-Bromofluorobenzene
Concen: 60.948 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 95 Resp: 158420
Ion Ratio Lower Upper
95 100
174 79.6 0.0 147.4
176 76.8 0.0 142.2

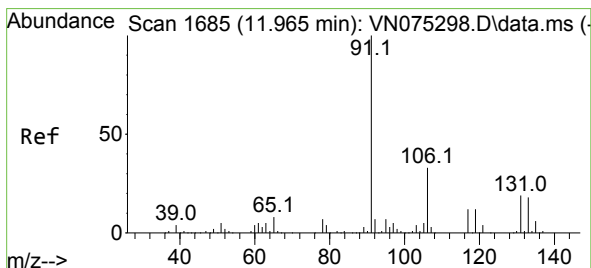
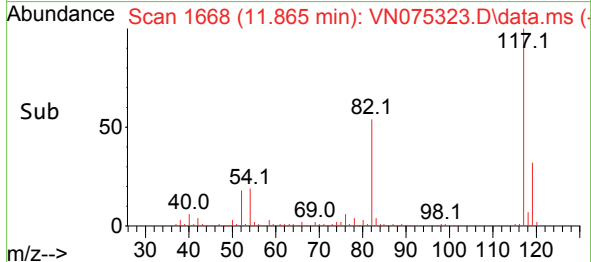
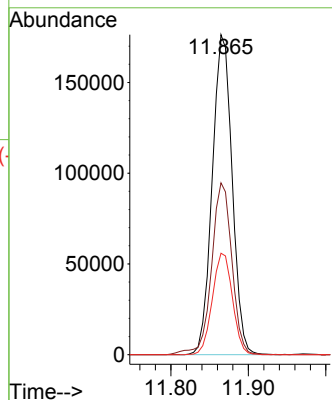
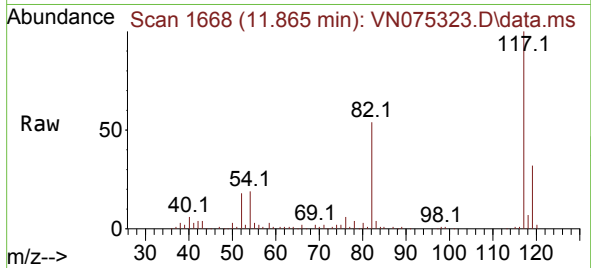




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

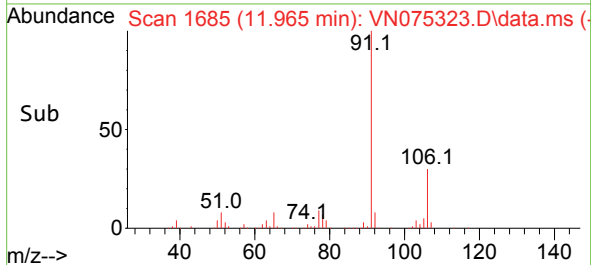
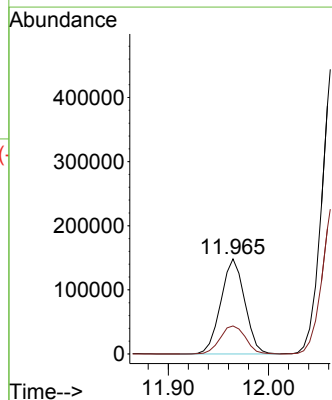
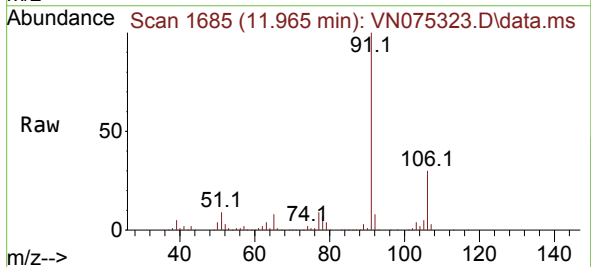
Instrument :
MSVOA_N
ClientSampleId :

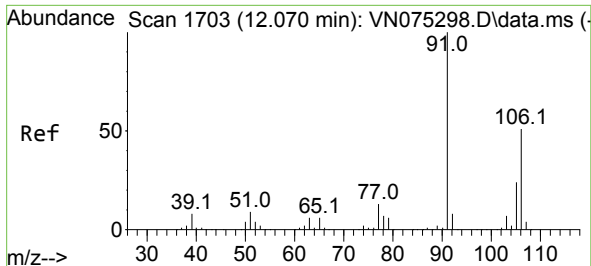
Tgt Ion:117 Resp: 314179
Ion Ratio Lower Upper
117 100
82 53.7 43.1 64.7
119 31.7 25.5 38.3



#67
Ethyl Benzene
Concen: 20.286 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 91 Resp: 244754
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3

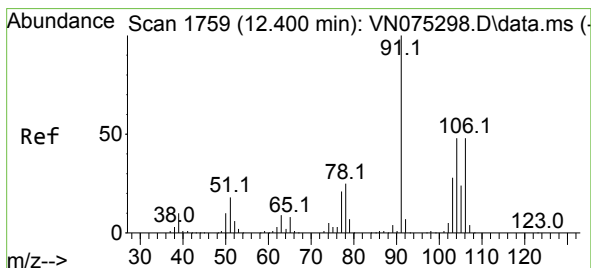
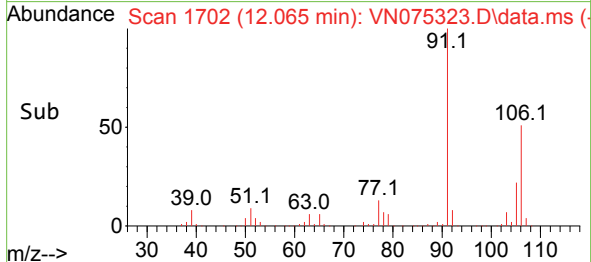
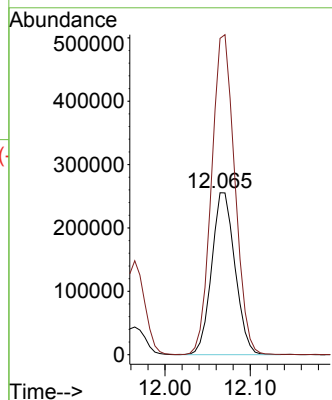
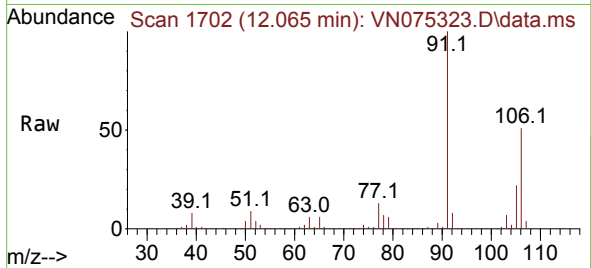




#68
m/p-Xylenes
Concen: 100.379 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.011 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

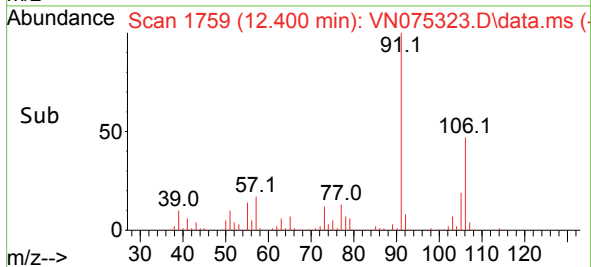
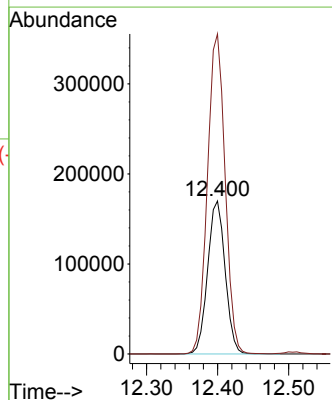
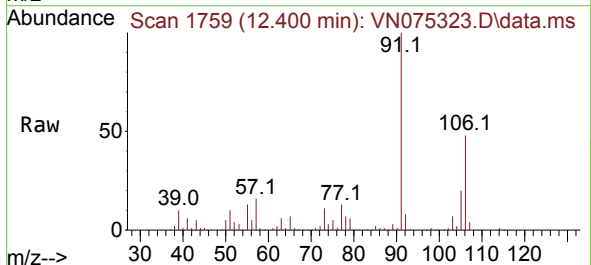
Instrument :
MSVOA_N
ClientSampleId :

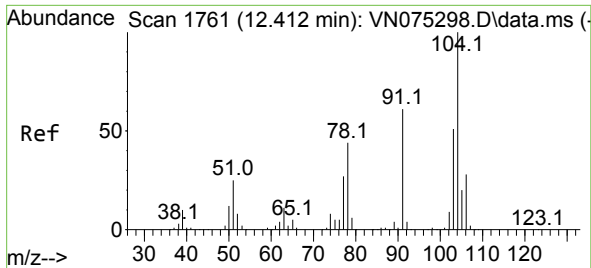
Tgt Ion:106 Resp: 485958
Ion Ratio Lower Upper
106 100
91 196.9 156.0 234.0



#69
o-Xylene
Concen: 60.829 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion:106 Resp: 291231
Ion Ratio Lower Upper
106 100
91 210.9 105.2 315.5

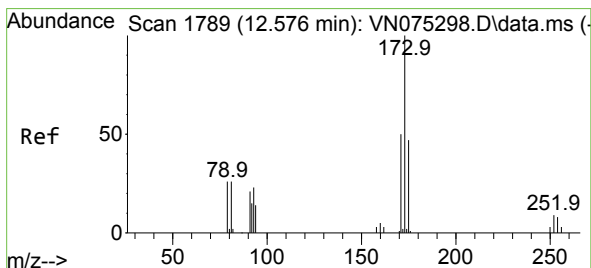
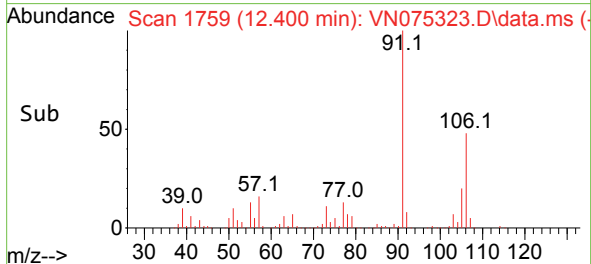
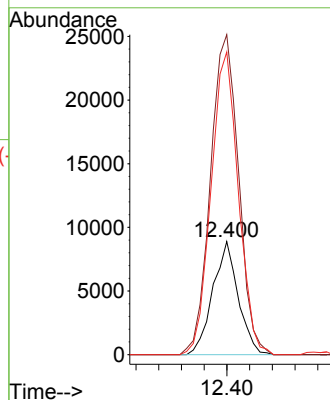
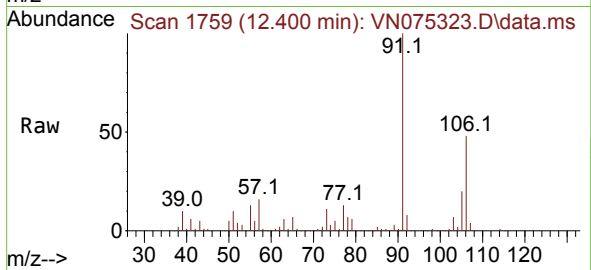




#70
Styrene
Concen: 1.813 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

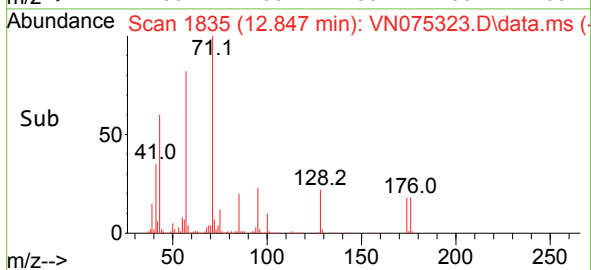
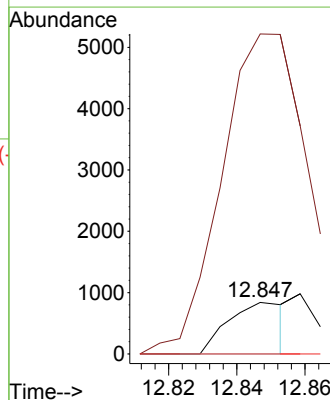
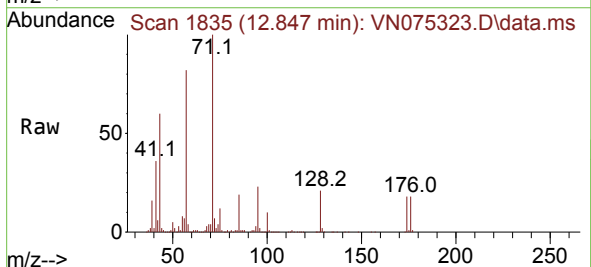
Instrument :
MSVOA_N
ClientSampleId :

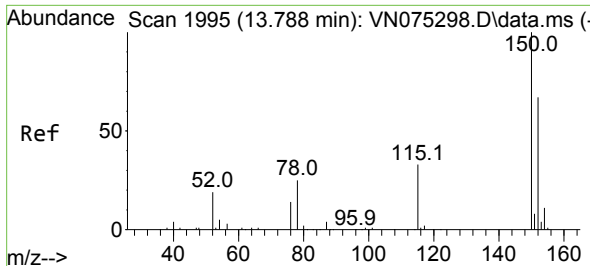
Tgt Ion:104 Resp: 13839
Ion Ratio Lower Upper
104 100
78 312.2 38.1 57.1#
103 286.9 44.6 66.8#



#71
Bromoform
Concen: 0.523 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion:173 Resp: 974
Ion Ratio Lower Upper
173 100
175 838.9 24.6 74.0#
254 0.0 0.0 0.0

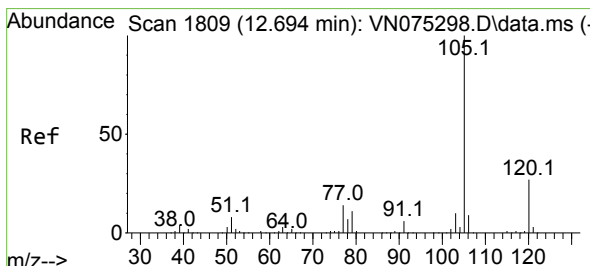
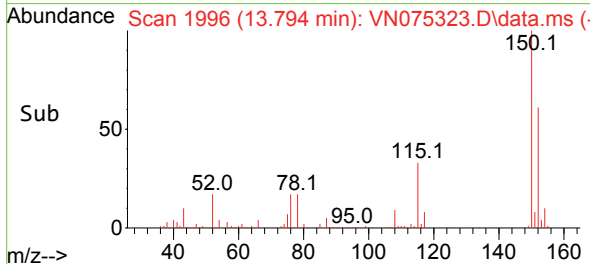
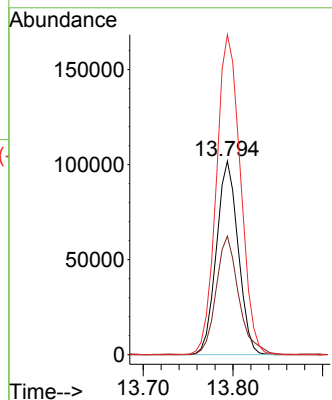
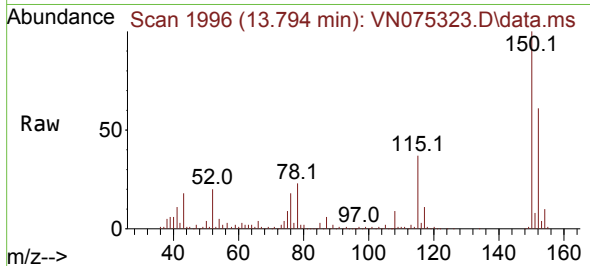




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075323.D
 Acq: 18 Nov 2022 19:29

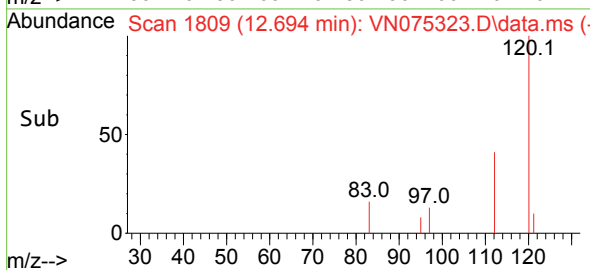
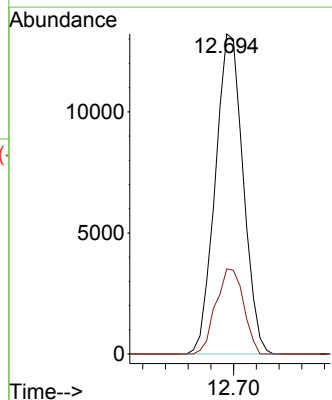
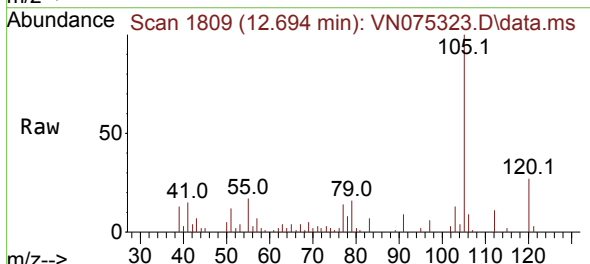
Instrument :
 MSVOA_N
 ClientSampleId :

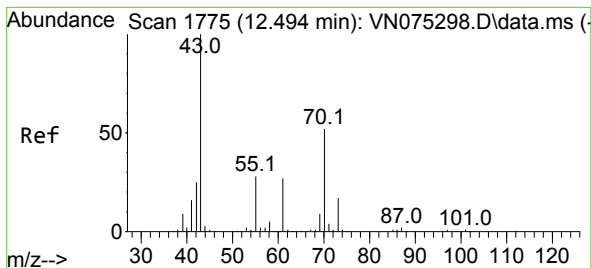
Tgt Ion:152 Resp: 171478
 Ion Ratio Lower Upper
 152 100
 115 64.1 30.2 90.6
 150 183.0 0.0 348.4



#73
 Isopropylbenzene
 Concen: 1.639 ug/l
 RT: 12.694 min Scan# 1809
 Delta R.T. -0.006 min
 Lab File: VN075323.D
 Acq: 18 Nov 2022 19:29

Tgt Ion:105 Resp: 22557
 Ion Ratio Lower Upper
 105 100
 120 26.3 13.1 39.1





#74

N-amy1 acetate

Concen: 57.435 ug/l

RT: 12.423 min Scan# 1763

Delta R.T. -0.071 min

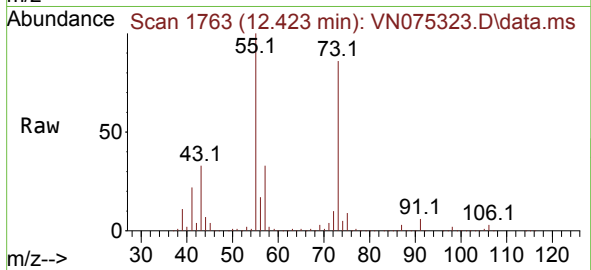
Lab File: VN075323.D

Acq: 18 Nov 2022 19:29

Instrument :

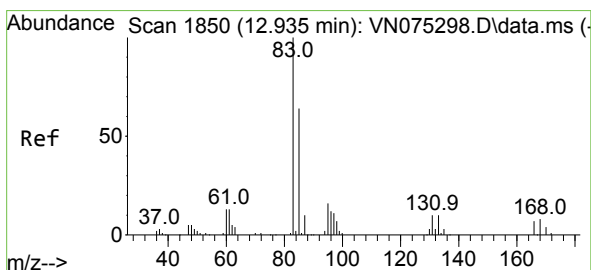
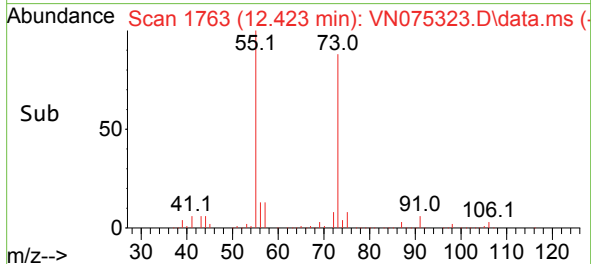
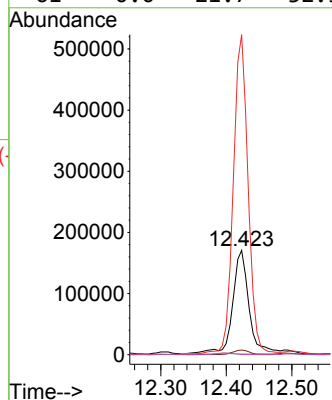
MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 292436

Ion	Ratio	Lower	Upper
43	100		
70	4.5	39.8	59.8#
55	283.5	19.9	29.9#
61	0.0	21.7	32.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 19.398 ug/l

RT: 12.982 min Scan# 1858

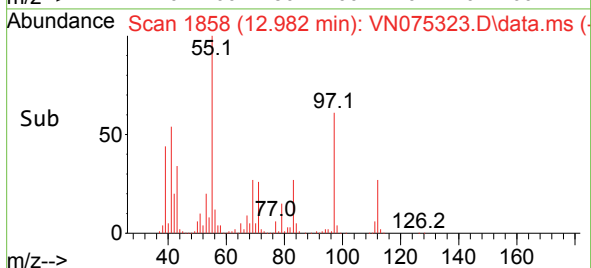
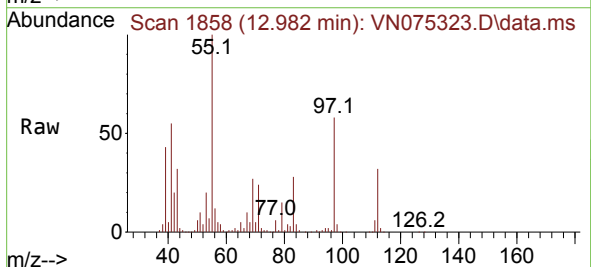
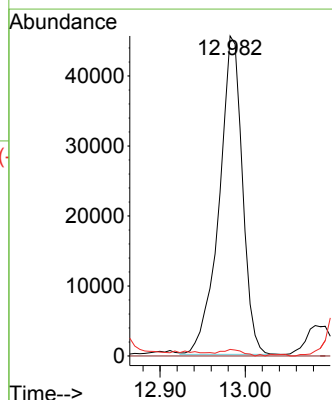
Delta R.T. 0.041 min

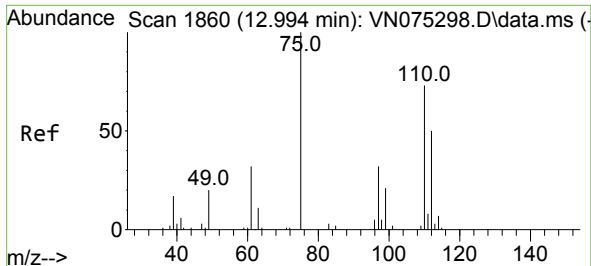
Lab File: VN075323.D

Acq: 18 Nov 2022 19:29

Tgt Ion: 83 Resp: 86295

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	0.0	31.6	94.7#

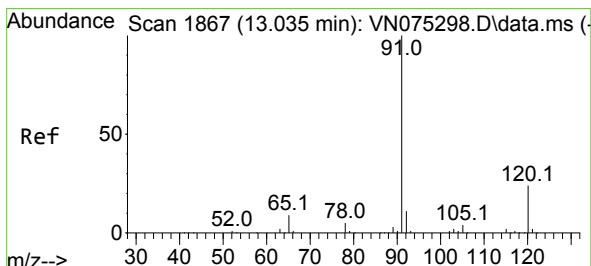
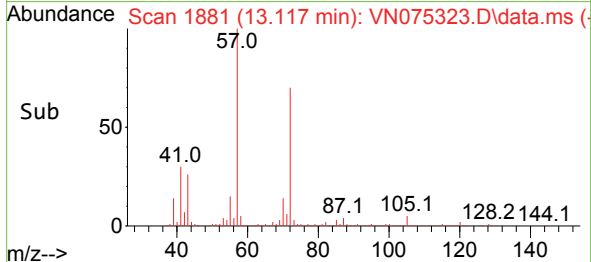
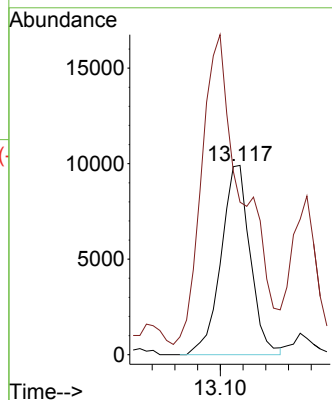
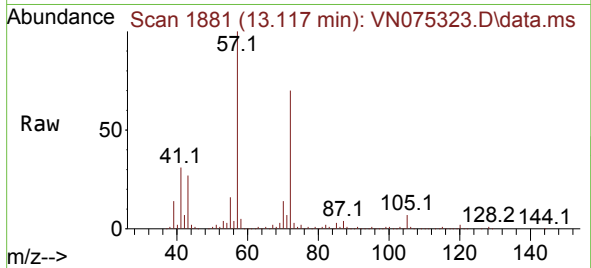




#76
1,2,3-Trichloropropane
Concen: 4.849 ug/l
RT: 13.117 min Scan# 1881
Delta R.T. 0.123 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

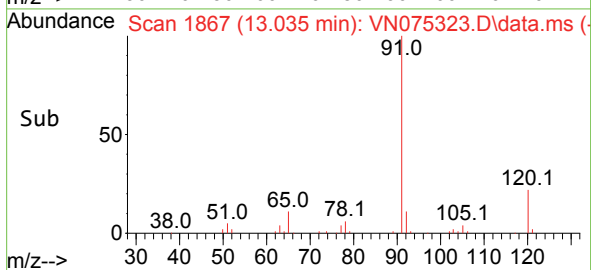
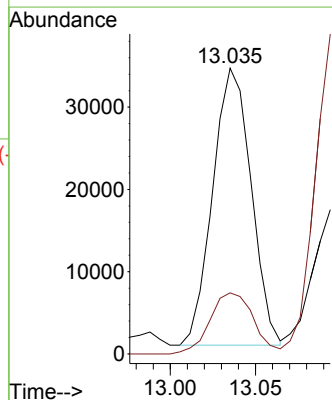
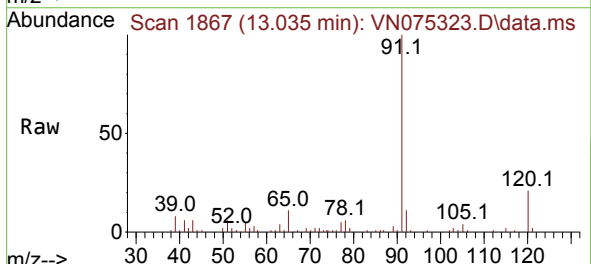
Instrument :
MSVOA_N
ClientSampleId :

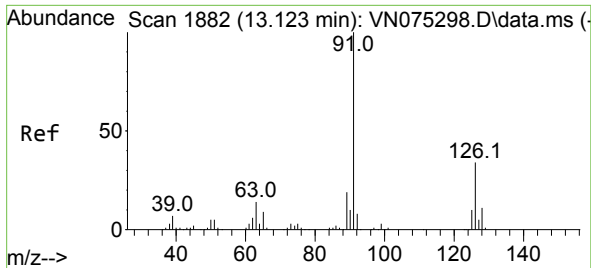
Tgt Ion: 75 Resp: 17655
Ion Ratio Lower Upper
75 100
77 231.3 75.6 226.8#



#78
n-propylbenzene
Concen: 3.420 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 91 Resp: 52866
Ion Ratio Lower Upper
91 100
120 24.9 11.9 35.5

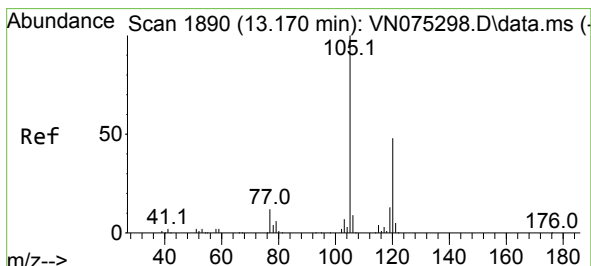
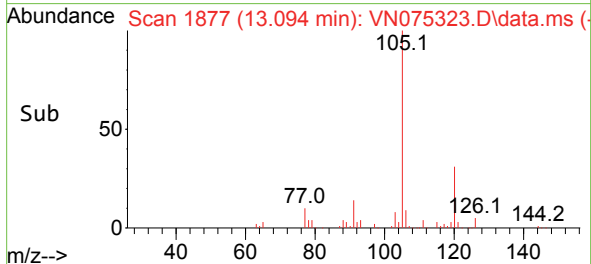
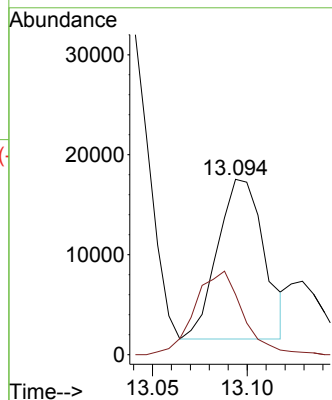
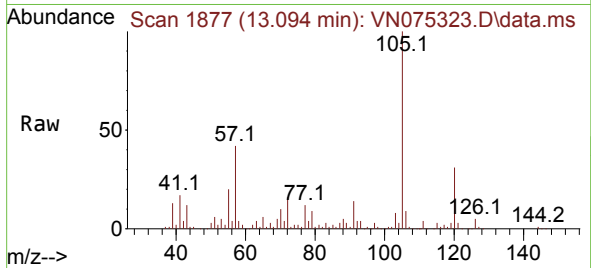




#79
2-Chlorotoluene
Concen: 2.892 ug/l
RT: 13.094 min Scan# 1877
Delta R.T. -0.035 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

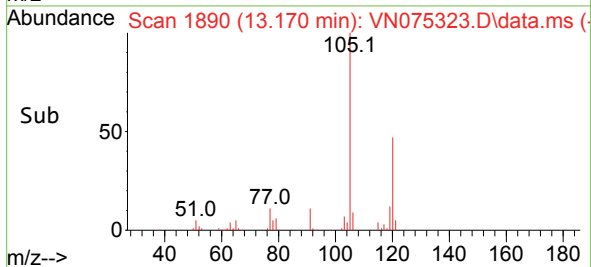
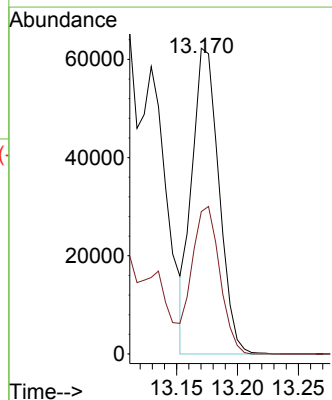
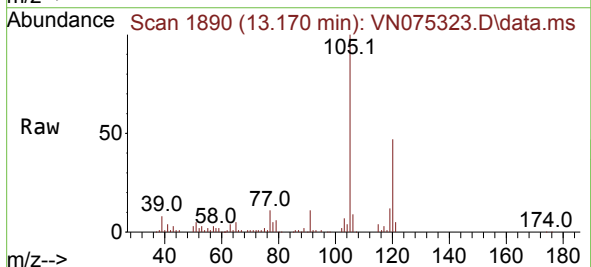
Instrument :
MSVOA_N
ClientSampleId :

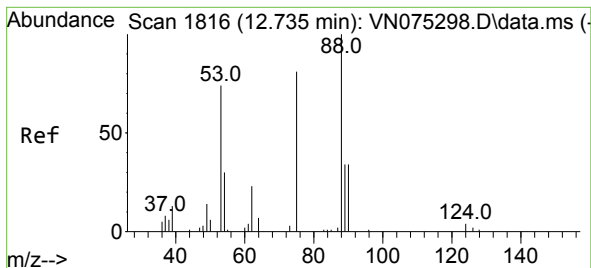
Tgt Ion: 91 Resp: 27314
Ion Ratio Lower Upper
91 100
126 54.2 16.9 50.7#



#80
1,3,5-Trimethylbenzene
Concen: 8.329 ug/l
RT: 13.170 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 105 Resp: 96309
Ion Ratio Lower Upper
105 100
120 49.2 24.7 74.1

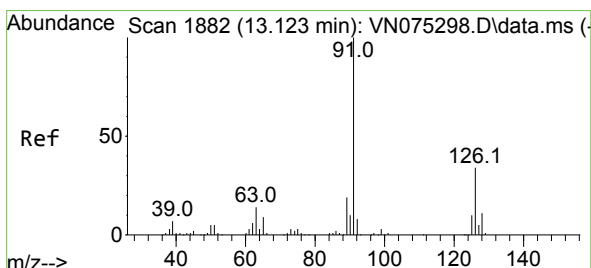
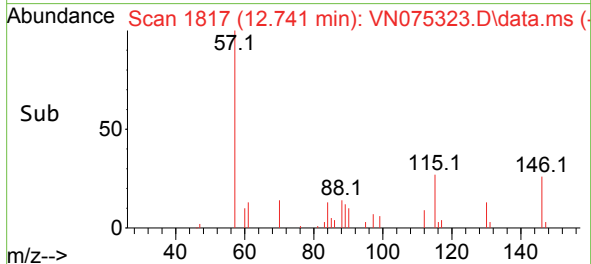
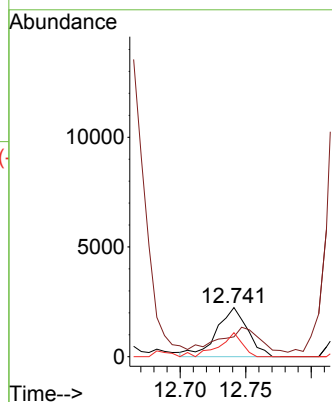
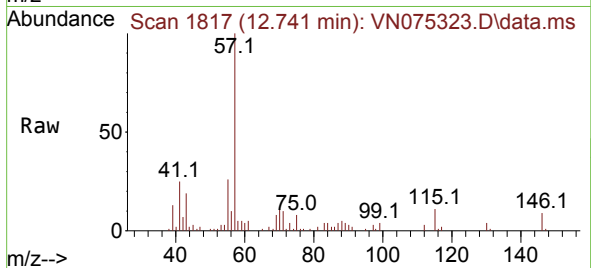




#81
trans-1,4-Dichloro-2-butene
Concen: 2.595 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

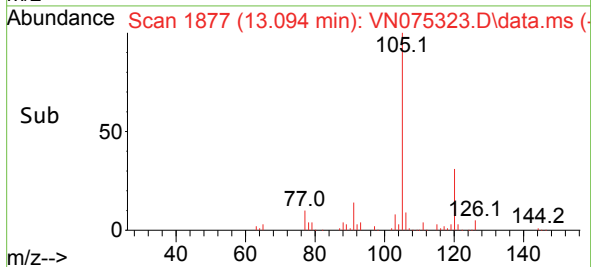
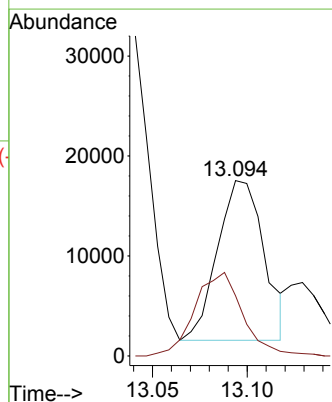
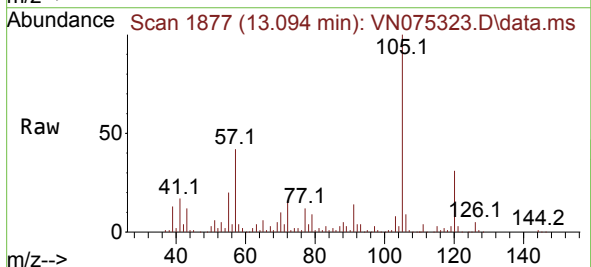
Instrument :
MSVOA_N
ClientSampleId :

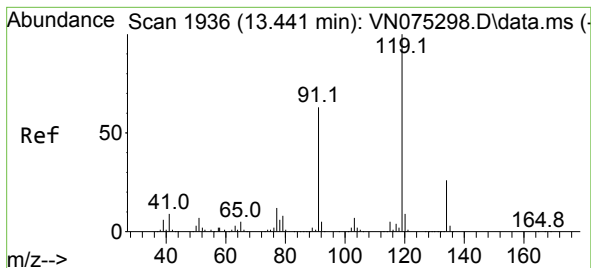
Tgt Ion: 75 Resp: 3681
Ion Ratio Lower Upper
75 100
53 61.9 78.5 117.7#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: 2.892 ug/l
RT: 13.094 min Scan# 1877
Delta R.T. -0.035 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 91 Resp: 27314
Ion Ratio Lower Upper
91 100
126 54.2 16.9 50.7#





#83

tert-Butylbenzene

Concen: 5.362 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.041 min

Lab File: VN075323.D

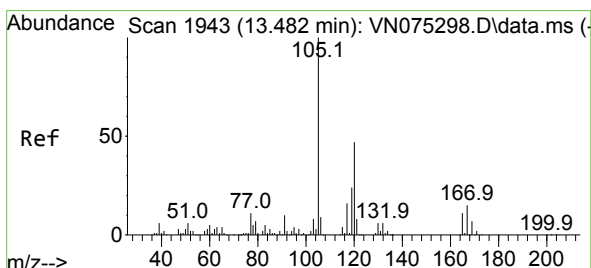
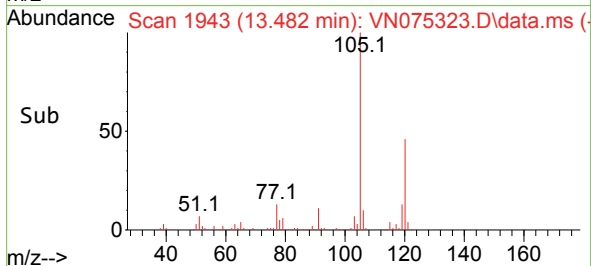
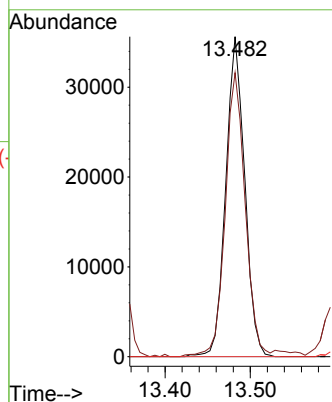
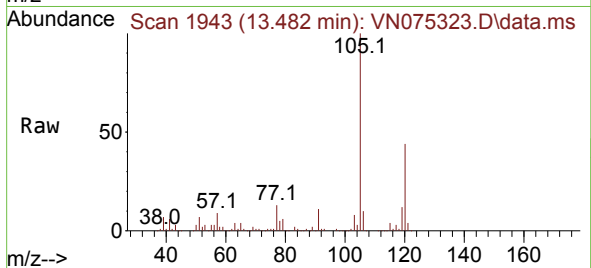
Acq: 18 Nov 2022 19:29

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:119	Resp:	55095
Ion Ratio	Lower	Upper
119	100	
91	93.4	32.8 98.4
134	0.0	12.3 36.9#



#84

1,2,4-Trimethylbenzene

Concen: 41.606 ug/l

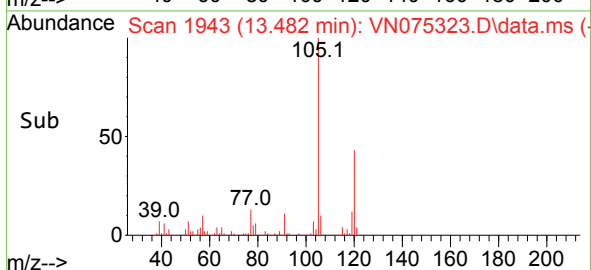
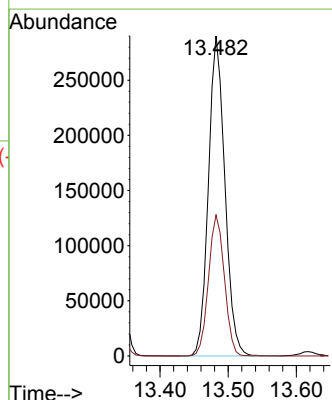
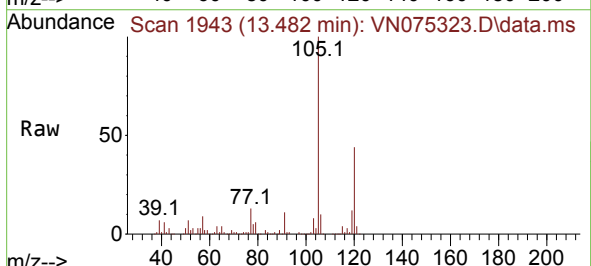
RT: 13.482 min Scan# 1943

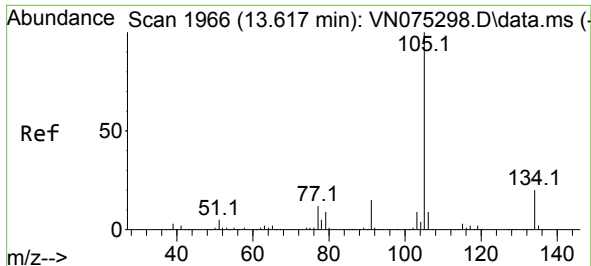
Delta R.T. 0.000 min

Lab File: VN075323.D

Acq: 18 Nov 2022 19:29

Tgt Ion:105	Resp:	486753
Ion Ratio	Lower	Upper
105	100	
120	42.5	22.7 68.1

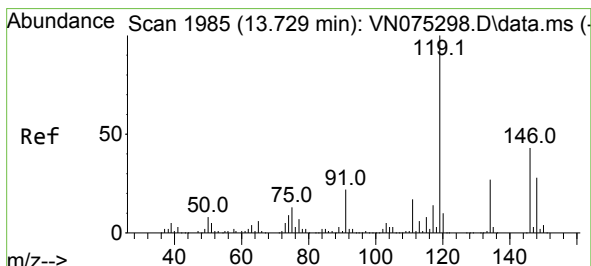
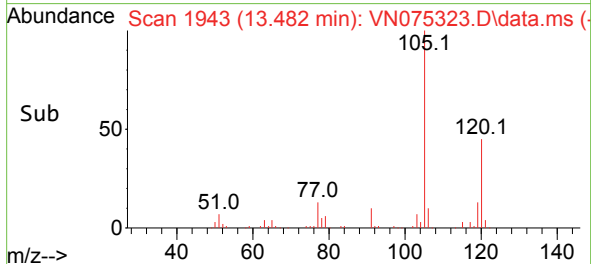
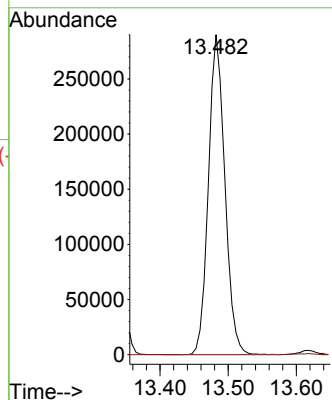
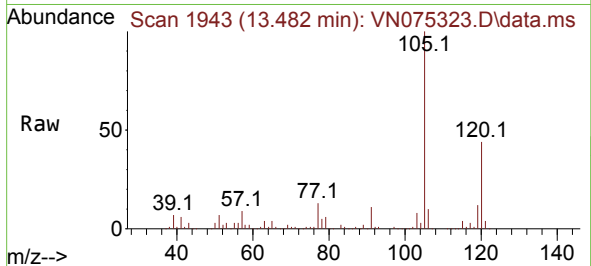




#85
 sec-Butylbenzene
 Concen: 33.866 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.136 min
 Lab File: VN075323.D
 Acq: 18 Nov 2022 19:29

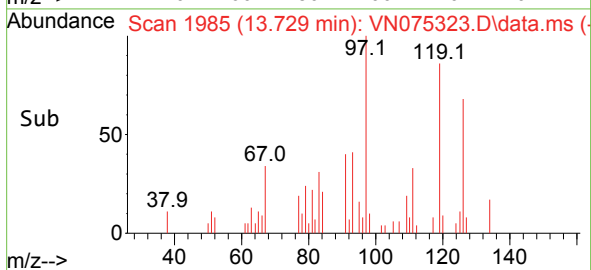
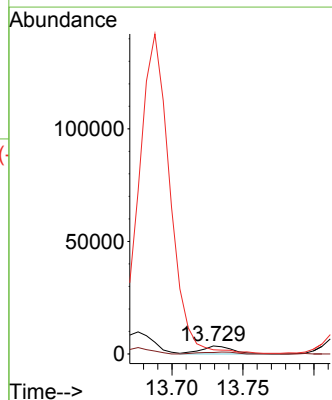
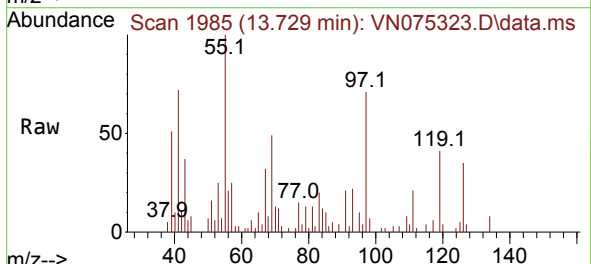
Instrument :
 MSVOA_N
 ClientSampleId :

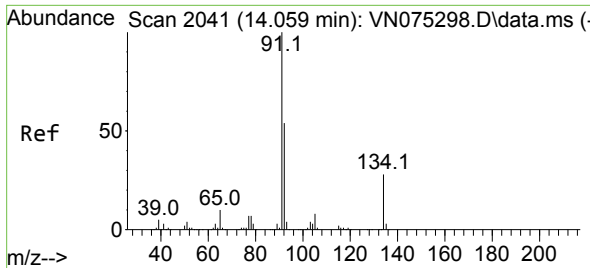
Tgt Ion:105 Resp: 486753
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.6#



#86
 p-Isopropyltoluene
 Concen: 0.453 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075323.D
 Acq: 18 Nov 2022 19:29

Tgt Ion:119 Resp: 5376
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 0.0 11.9 35.5#

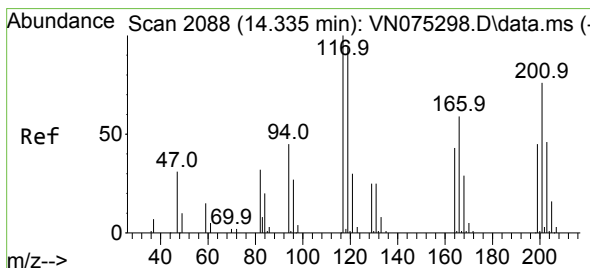
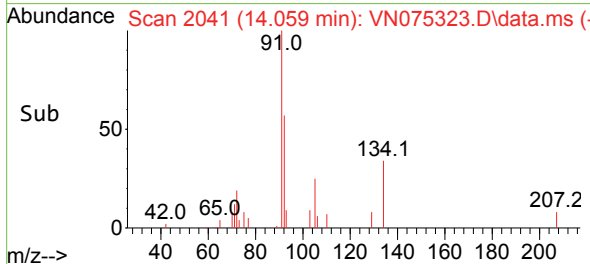
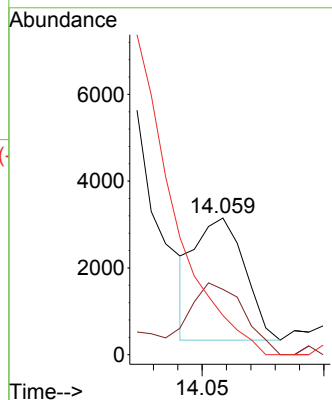
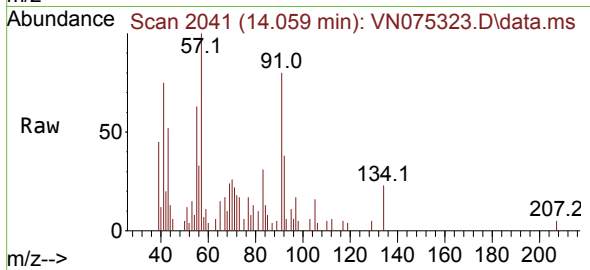




#89
n-Butylbenzene
Concen: 0.416 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

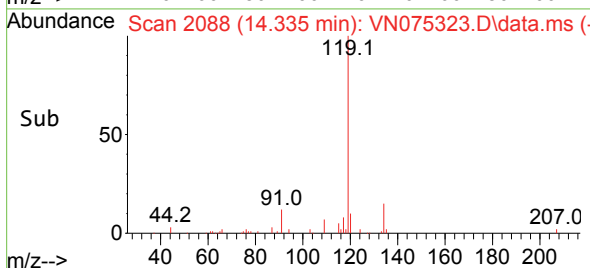
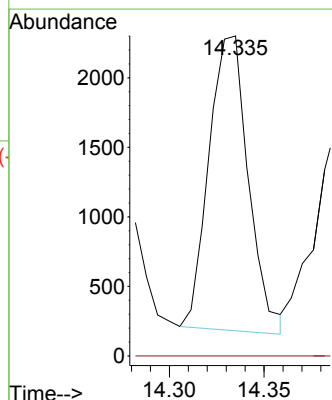
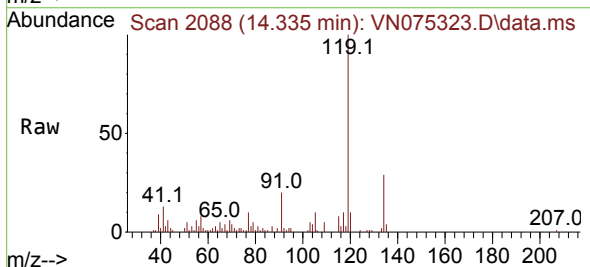
Instrument :
MSVOA_N
ClientSampleId :

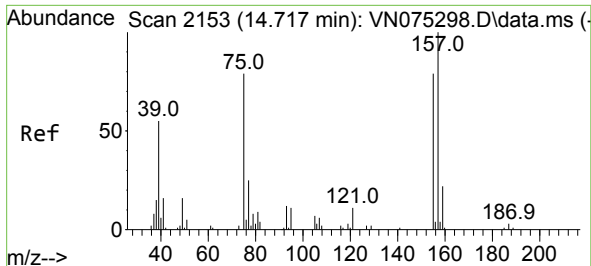
Tgt Ion: 91 Resp: 3974
Ion Ratio Lower Upper
91 100
92 64.9 26.5 79.4
134 0.0 13.0 39.0#



#90
Hexachloroethane
Concen: 1.406 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion: 117 Resp: 3061
Ion Ratio Lower Upper
117 100
201 0.0 31.5 94.5#

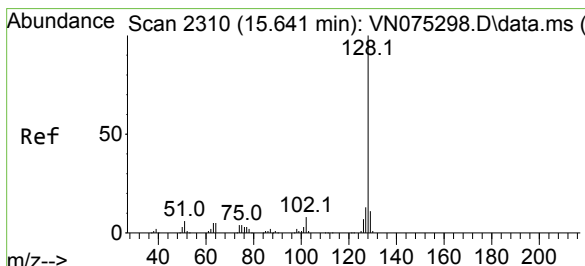
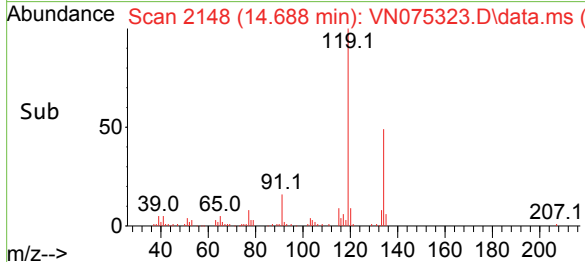
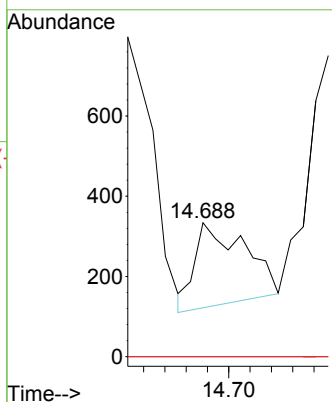
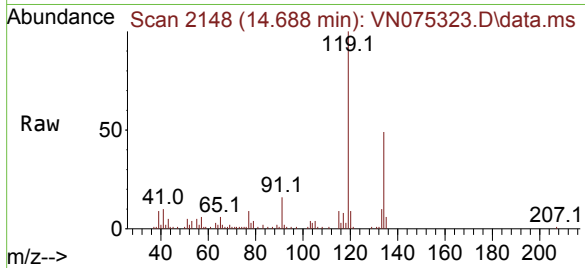




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.364 ug/l
RT: 14.688 min Scan# 2153
Delta R.T. -0.029 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 338
Ion Ratio Lower Upper
75 100
155 0.0 42.1 126.3#
157 0.0 51.7 155.1#



#95
Naphthalene
Concen: 7.405 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075323.D
Acq: 18 Nov 2022 19:29

Tgt Ion:128 Resp: 72300
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 12.7 8.6 12.8

