

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
 Data File : VN069424.D
 Acq On : 9 Nov 2021 18:02
 Operator : JC/MD
 Sample : M4068-07 .2PPB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 10 16:16:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1121396	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	1982458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1715434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	559822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	947951	58.301	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	116.600%
35) Dibromofluoromethane	8.024	113	626791	52.716	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.440%
50) Toluene-d8	10.443	98	2463714	52.685	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.380%
62) 4-Bromofluorobenzene	12.733	95	723690	42.127	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.260%
Target Compounds						
						Qvalue
3) Chloromethane	2.306	50	5269	0.379	ug/l	94
5) Bromomethane	2.861	94	5004	0.554	ug/l	# 75
10) Methyl Iodide	4.419	142	2571	0.207	ug/l	# 55
11) Tert butyl alcohol	5.393	59	1331	0.454	ug/l	100
13) Acrolein	4.041	56	1287	Below Cal	#	31
15) Acrylonitrile	5.562	53	1883	0.251	ug/l	# 1
16) Acetone	4.296	43	13316	1.518	ug/l	# 88
17) Carbon Disulfide	4.524	76	5261	0.245	ug/l	98
18) Methyl Acetate	4.865	43	10127	0.355	ug/l	# 65
20) Methylene Chloride	5.098	84	7402	0.595	ug/l	# 86
23) Vinyl Acetate	6.442	43	18898	0.564	ug/l	# 93
25) 2-Butanone	7.348	43	10545	0.888	ug/l	92
29) Tetrahydrofuran	7.691	42	4094	0.562	ug/l	# 45
31) Cyclohexane	8.086	56	33873	1.525	ug/l	# 44
36) 1,1-Dichloropropene	8.086	75	100346	6.016	ug/l	# 48
37) Ethyl Acetate	7.348	43	10545	0.468	ug/l	# 68
38) Carbon Tetrachloride	8.086	117	117646	7.305	ug/l	# 16
42) 1,2-Dichloroethane	8.534	62	5581	0.277	ug/l	92
44) Trichloroethene	9.212	130	4404	0.357	ug/l	84
49) 1,4-Dioxane	9.571	88	1095	42.175	ug/l	# 85
51) 4-Methyl-2-Pentanone	10.333	43	17530	0.750	ug/l	99
52) Toluene	10.505	92	11473	0.358	ug/l	95
53) t-1,3-Dichloropropene	10.717	75	2634	2.755	ug/l	# 78
54) cis-1,3-Dichloropropene	10.191	75	2099	1.824	ug/l	# 80
56) Ethyl methacrylate	10.762	69	3366	2.185	ug/l	# 67
58) 2-Chloroethyl Vinyl ether	10.043	63	5112	23.512	ug/l	# 79
59) 2-Hexanone	11.089	43	18662	8.857	ug/l	85
60) Dibromochloromethane	11.240	129	985	2.483	ug/l	59
61) 1,2-Dibromoethane	11.347	107	1689	1.186	ug/l	92
68) m/p-Xylenes	11.950	106	6163	0.285	ug/l	85
70) Styrene	12.296	104	4734	1.639	ug/l	# 84
71) Bromoform	12.452	173	876	3.513	ug/l	# 29
74) N-amyl acetate	12.393	43	4722	0.250	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.830	83	3156	0.210	ug/l	# 88
76) 1,2,3-Trichloropropane	12.733	75	414941	32.118	ug/l	# 1
77) Bromobenzene	12.865	156	2399	0.235	ug/l	79

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

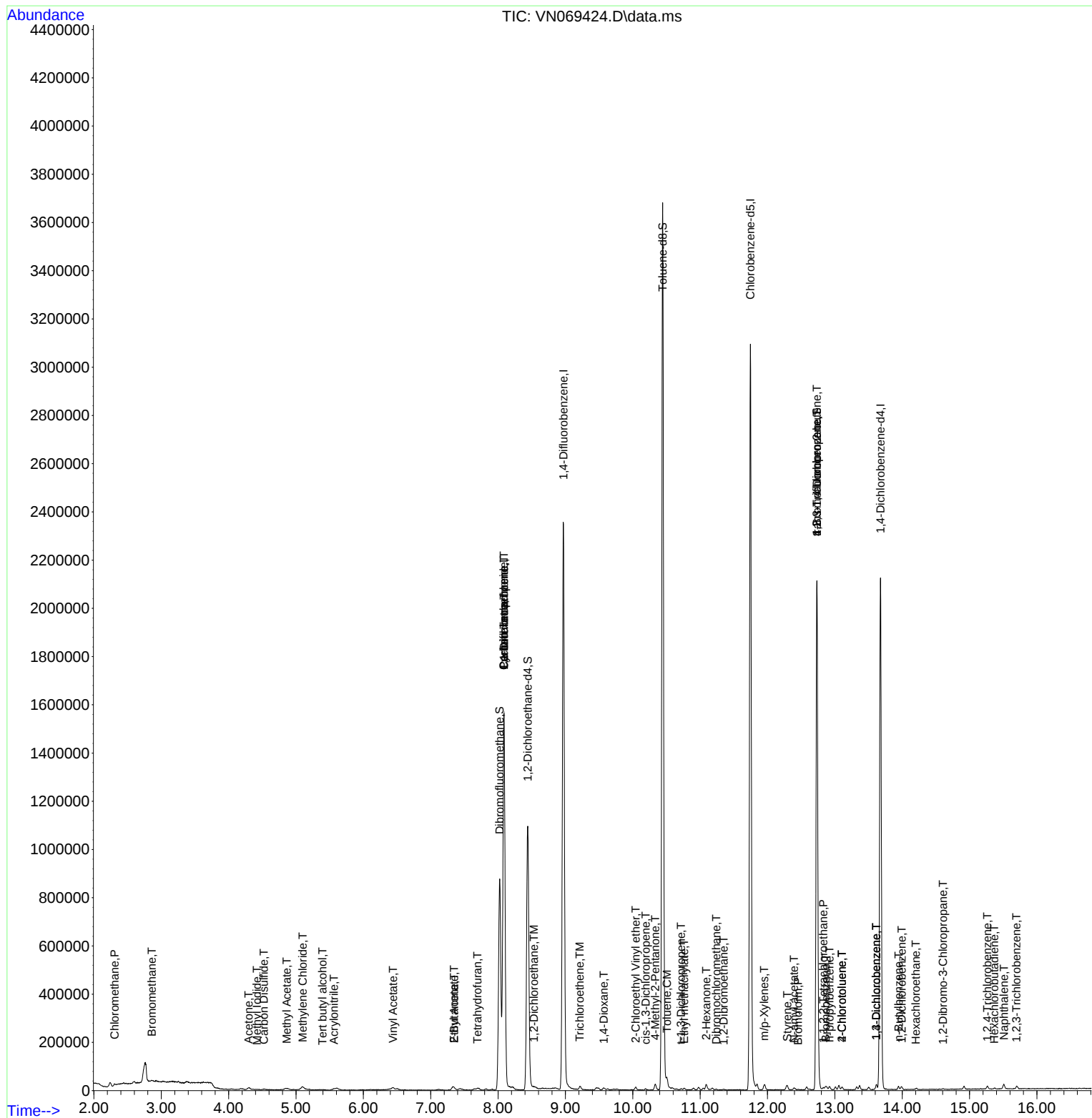
78) n-propylbenzene	12.921	91	10659	0.213	ug/l	97
79) 2-Chlorotoluene	13.106	91	6738	0.217	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.733	75	414941	90.325	ug/l #	5
82) 4-Chlorotoluene	13.106	91	6738	0.228	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	4167	0.236	ug/l	87
88) 1,4-Dichlorobenzene	13.616	146	4167	0.240	ug/l	87
89) n-Butylbenzene	13.946	91	7677	0.263	ug/l	92
90) Hexachloroethane	14.203	117	726	2.270	ug/l	57
91) 1,2-Dichlorobenzene	13.994	146	4666	0.277	ug/l	72
92) 1,2-Dibromo-3-Chloropr...	14.605	75	499	1.969	ug/l #	56
93) 1,2,4-Trichlorobenzene	15.265	180	3414	3.477	ug/l	86
94) Hexachlorobutadiene	15.365	225	874	0.200	ug/l #	54
95) Naphthalene	15.509	128	16425	5.053	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.694	180	1699	3.358	ug/l #	1

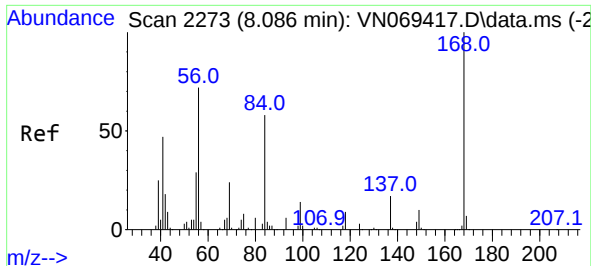
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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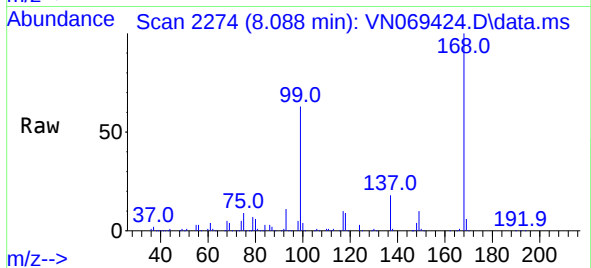
Quant Time: Nov 10 16:16:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
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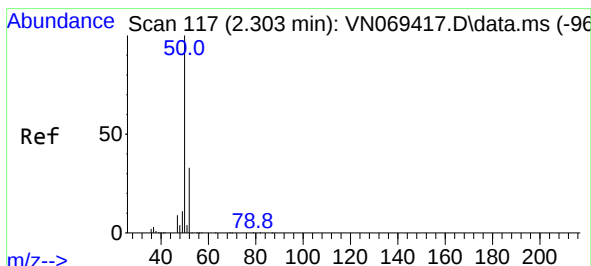
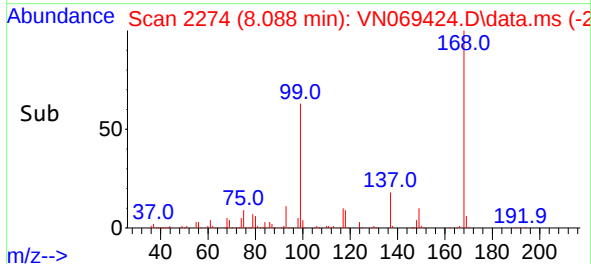
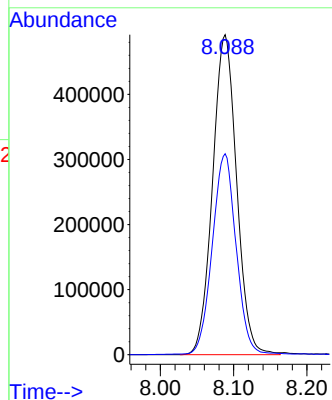


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Instrument :
MSVOA_N
ClientSampleId :

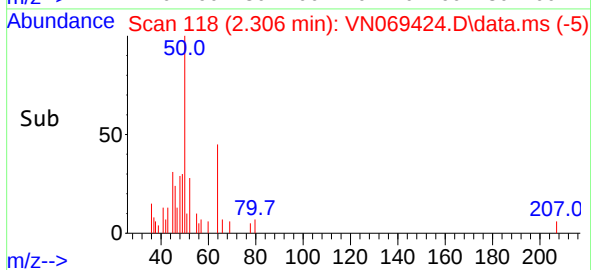
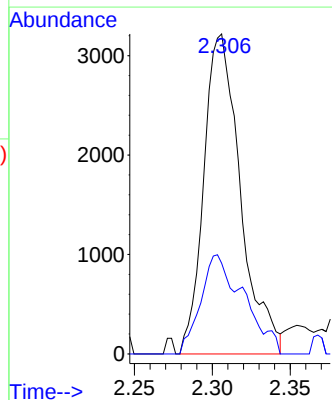
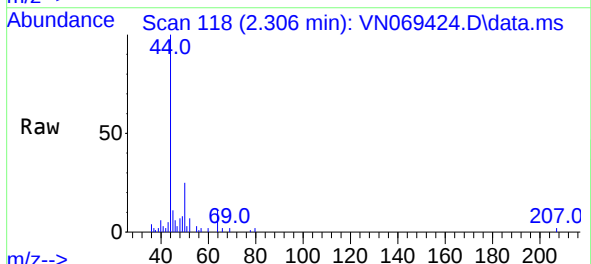


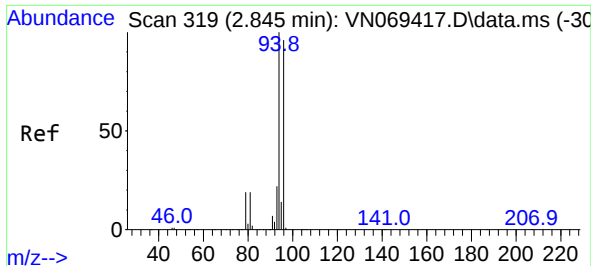
Tgt Ion:168 Resp: 1121396
Ion Ratio Lower Upper
168 100
99 62.6 41.3 61.9#



#3
Chloromethane
Concen: 0.379 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion: 50 Resp: 5269
Ion Ratio Lower Upper
50 100
52 28.3 25.4 38.0

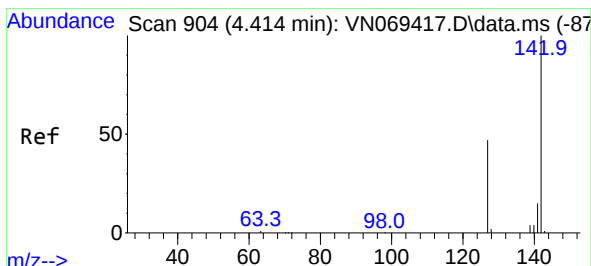
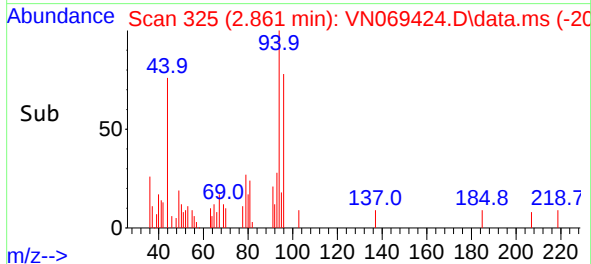
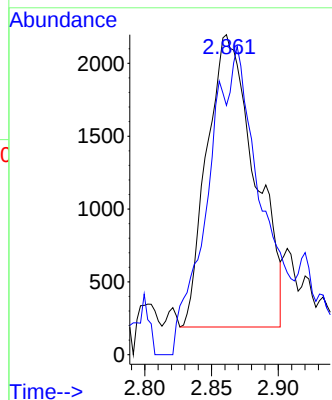
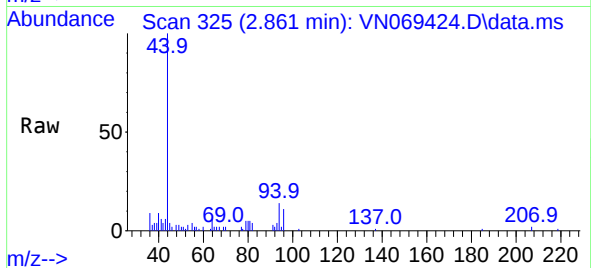




#5
Bromomethane
Concen: 0.554 ug/l
RT: 2.861 min Scan# 319
Delta R.T. 0.016 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

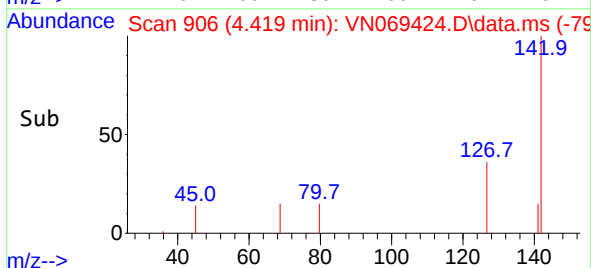
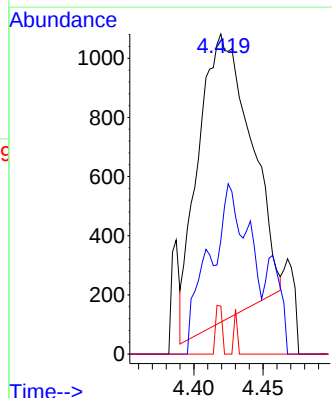
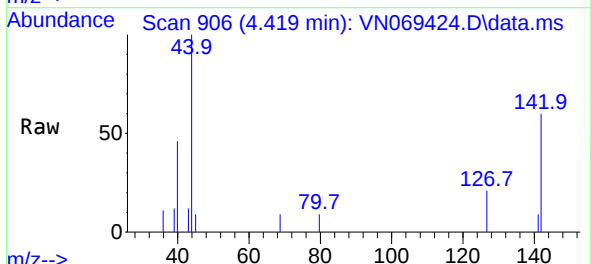
Instrument :
MSVOA_N
ClientSampleId :

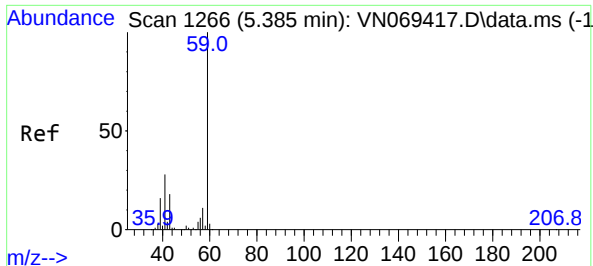
Tgt Ion: 94 Resp: 5004
Ion Ratio Lower Upper
94 100
96 68.6 73.8 110.8#



#10
Methyl Iodide
Concen: 0.207 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

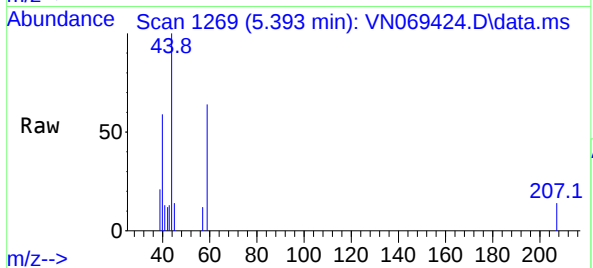
Tgt Ion:142 Resp: 2571
Ion Ratio Lower Upper
142 100
127 12.2 35.4 53.0#
141 2.1 11.6 17.4#



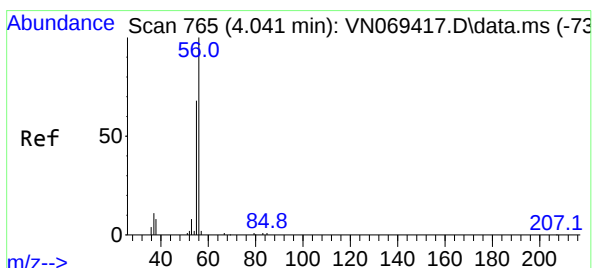
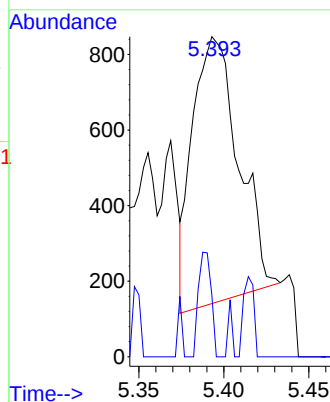
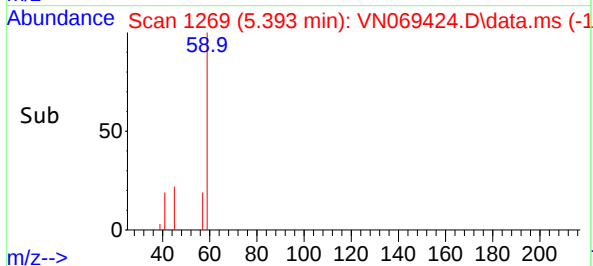


#11
Tert butyl alcohol
Concen: 0.454 ug/l
RT: 5.393 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

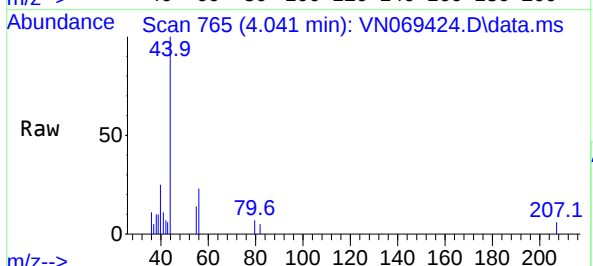
Instrument :
MSVOA_N
ClientSampleId :



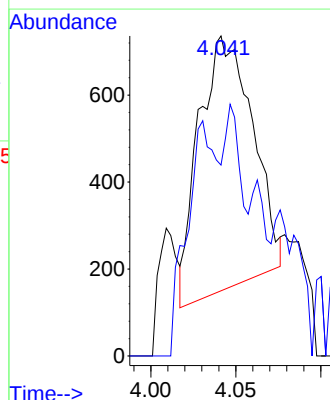
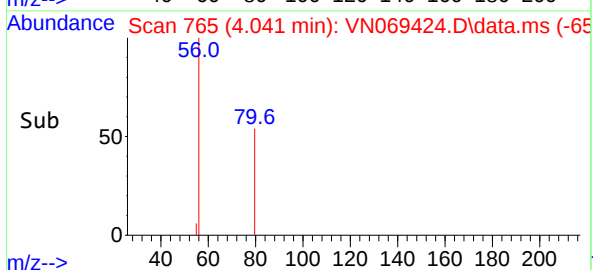
Tgt Ion: 59 Resp: 1331
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

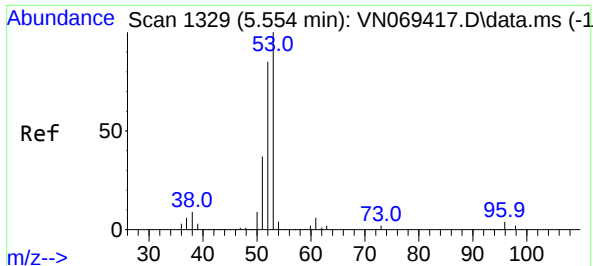


#13
Acrolein
Concen: Below Cal
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02



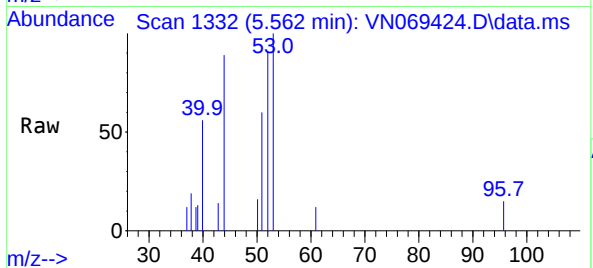
Tgt Ion: 56 Resp: 1287
Ion Ratio Lower Upper
56 100
55 13.8 56.6 85.0#



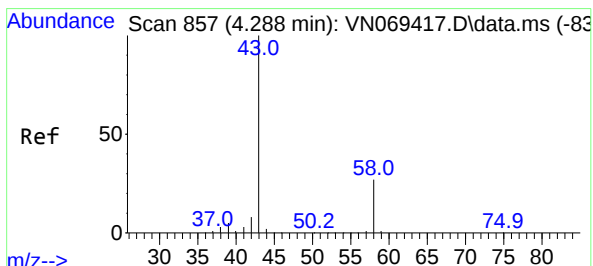
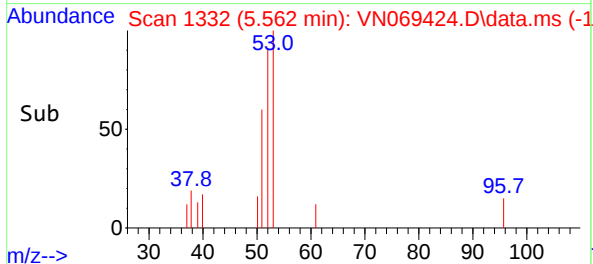
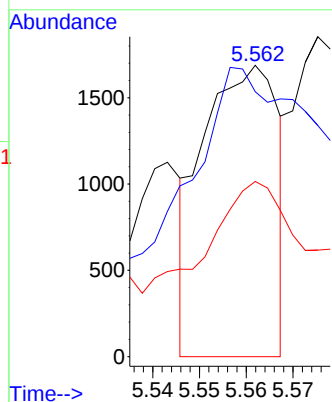


#15
Acrylonitrile
Concen: 0.251 ug/l
RT: 5.562 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Instrument :
MSVOA_N
ClientSampleId :

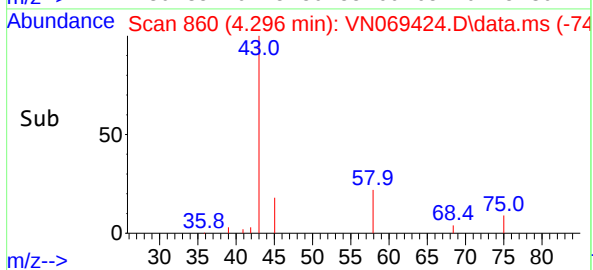
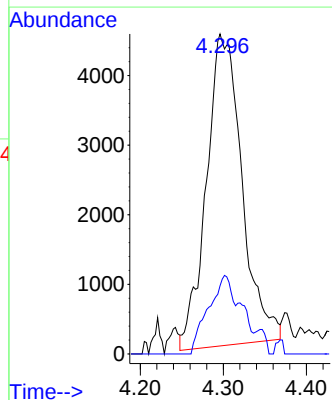
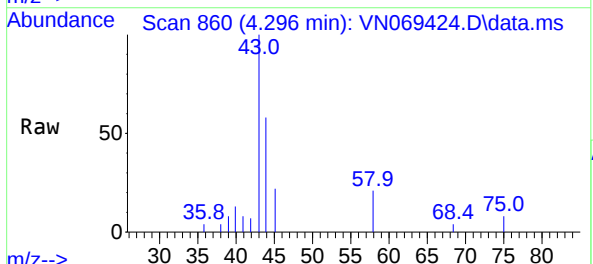


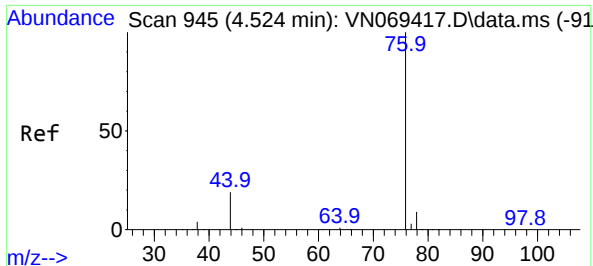
Tgt Ion: 53 Resp: 1883
Ion Ratio Lower Upper
53 100
52 263.9 66.2 99.2#
51 92.5 29.6 44.4#



#16
Acetone
Concen: 1.518 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion: 43 Resp: 13316
Ion Ratio Lower Upper
43 100
58 22.6 23.1 34.7#

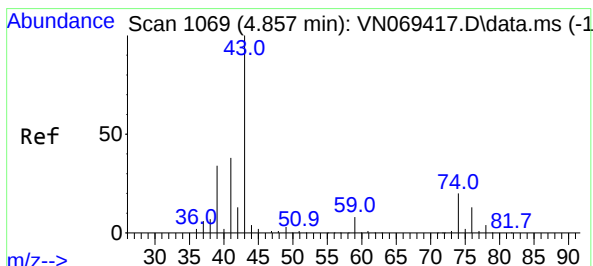
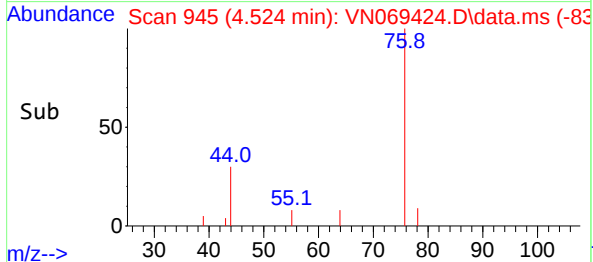
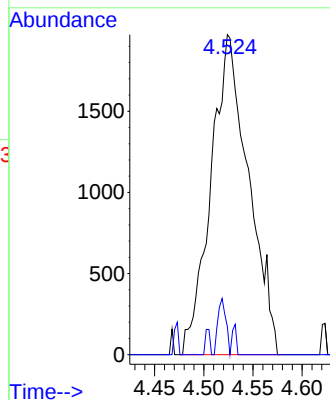
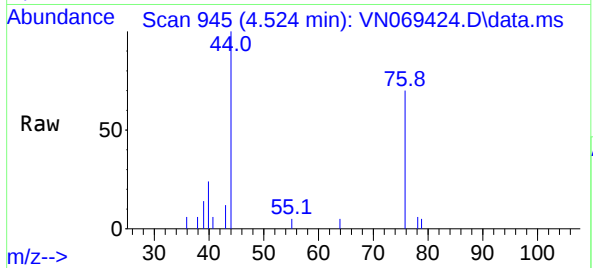




#17
Carbon Disulfide
Concen: 0.245 ug/l
RT: 4.524 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

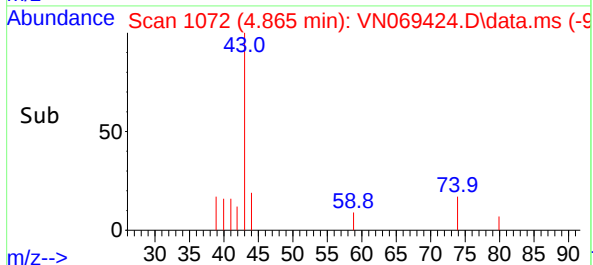
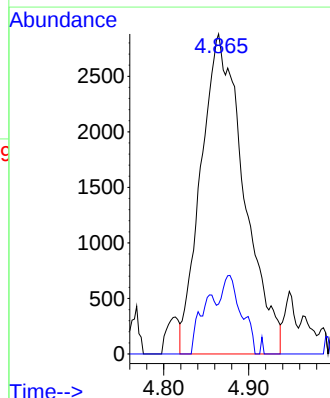
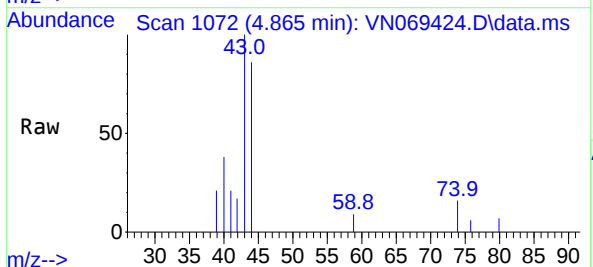
Instrument :
MSVOA_N
ClientSampleId :

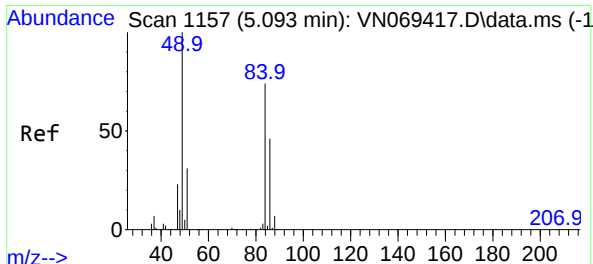
Tgt Ion: 76 Resp: 5261
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 0.355 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion: 43 Resp: 10127
Ion Ratio Lower Upper
43 100
74 7.1 19.4 29.2#





#20

Methylene Chloride

Concen: 0.595 ug/l

RT: 5.098 min Scan# 1157

Delta R.T. 0.005 min

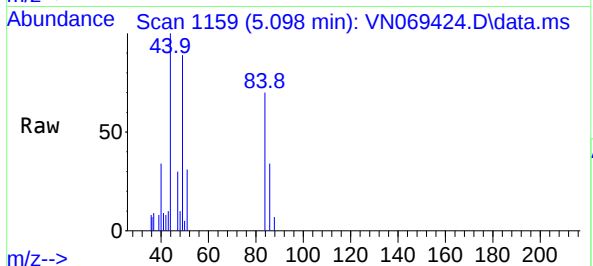
Lab File: VN069424.D

Acq: 9 Nov 2021 18:02

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 84 Resp: 7402

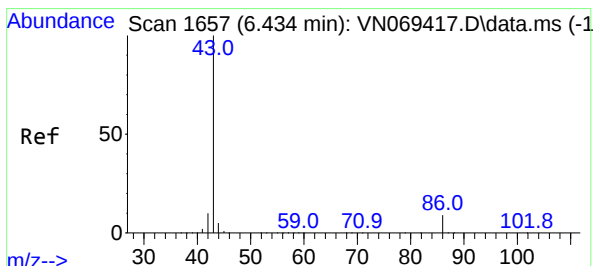
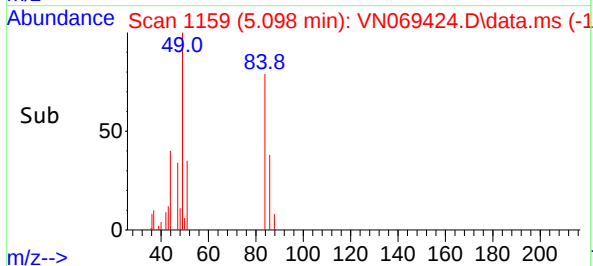
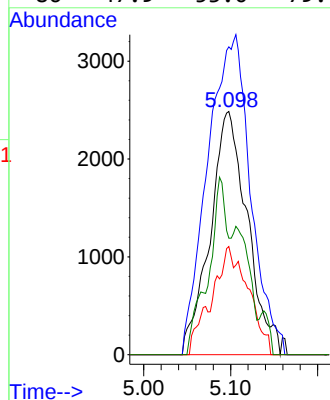
Ion Ratio Lower Upper

84 100

49 126.6 93.5 140.3

51 44.4 29.4 44.2#

86 47.9 53.0 79.4#



#23

Vinyl Acetate

Concen: 0.564 ug/l

RT: 6.442 min Scan# 1660

Delta R.T. 0.008 min

Lab File: VN069424.D

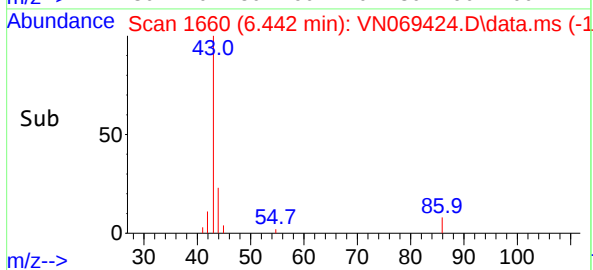
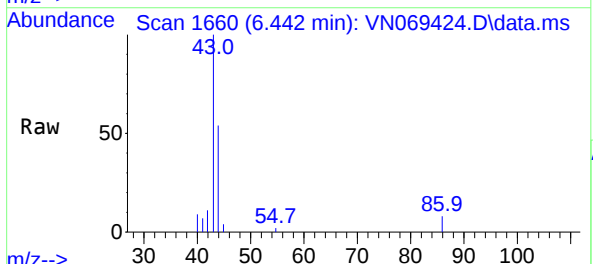
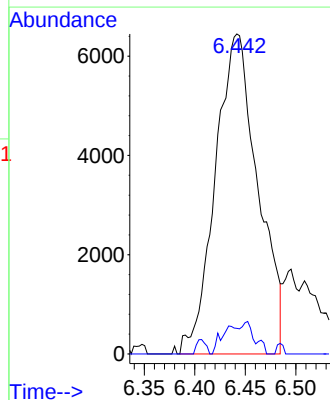
Acq: 9 Nov 2021 18:02

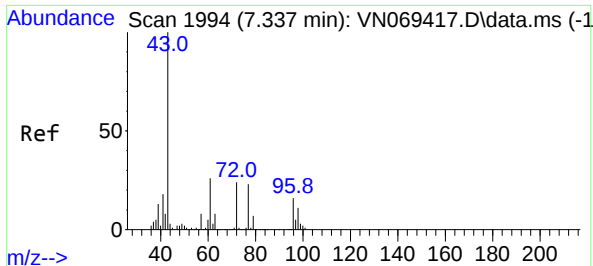
Tgt Ion: 43 Resp: 18898

Ion Ratio Lower Upper

43 100

86 8.0 8.5 12.7#

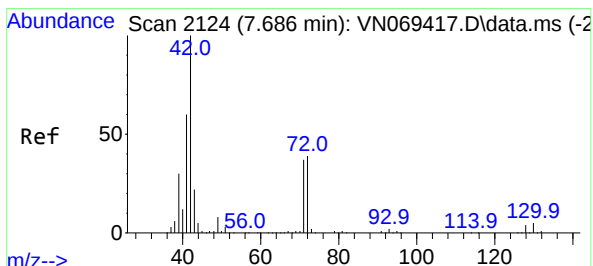
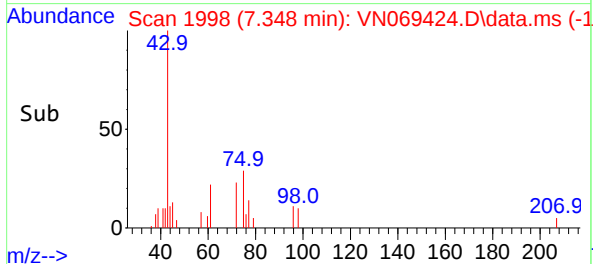
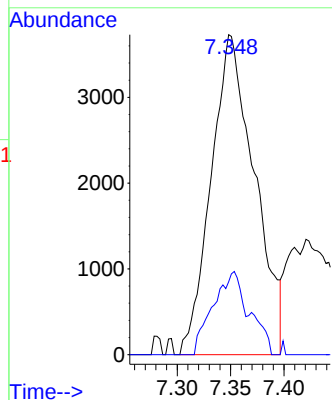
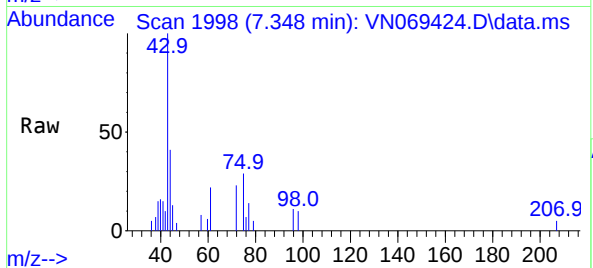




#25
2-Butanone
Concen: 0.888 ug/l
RT: 7.348 min Scan# 1994
Delta R.T. 0.011 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

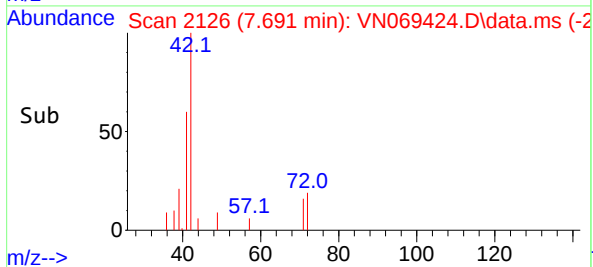
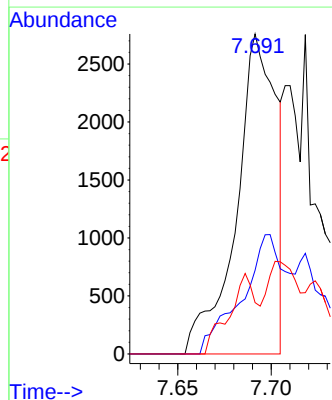
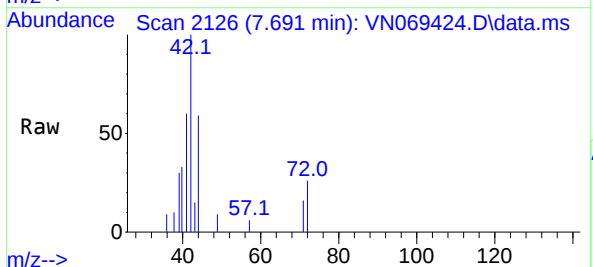
Instrument :
MSVOA_N
ClientSampleId :

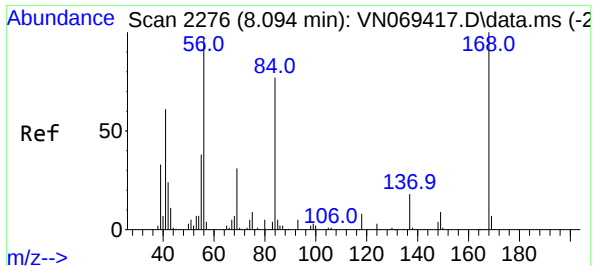
Tgt Ion: 43 Resp: 10545
Ion Ratio Lower Upper
43 100
72 22.8 21.7 32.5



#29
Tetrahydrofuran
Concen: 0.562 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.005 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion: 42 Resp: 4094
Ion Ratio Lower Upper
42 100
72 0.0 36.3 54.5#
71 17.4 34.7 52.1#





#31

Cyclohexane

Concen: 1.525 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.008 min

Lab File: VN069424.D

Acq: 9 Nov 2021 18:02

Instrument :

MSVOA_N

ClientSampleId :

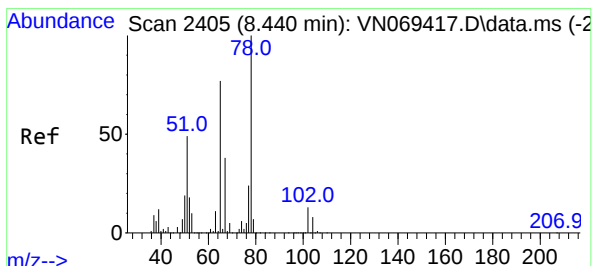
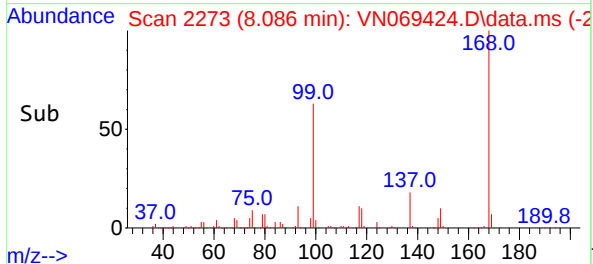
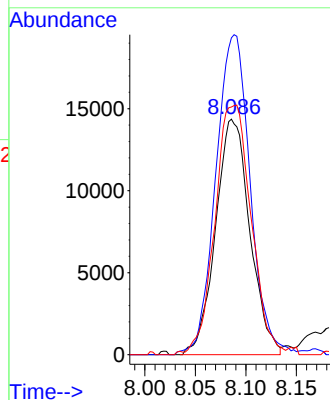
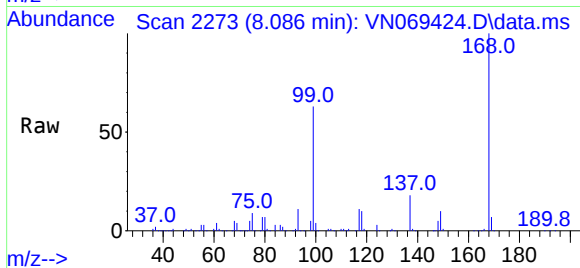
Tgt Ion: 56 Resp: 33873

Ion Ratio Lower Upper

56 100

69 133.0 27.1 40.7#

84 103.7 73.4 110.0



#33

1,2-Dichloroethane-d4

Concen: 58.301 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069424.D

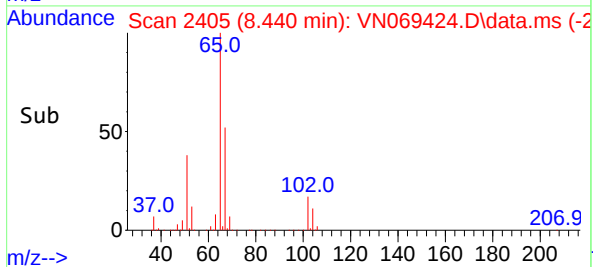
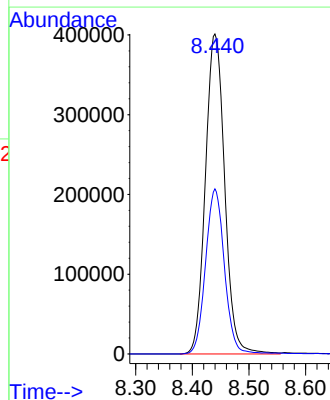
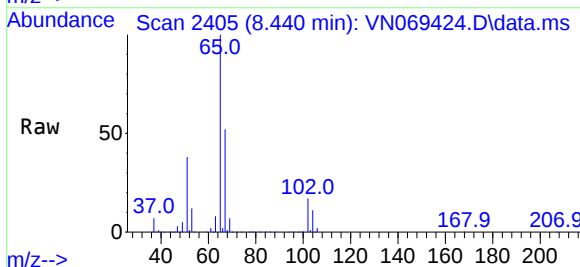
Acq: 9 Nov 2021 18:02

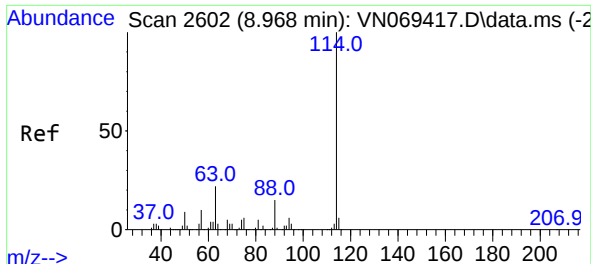
Tgt Ion: 65 Resp: 947951

Ion Ratio Lower Upper

65 100

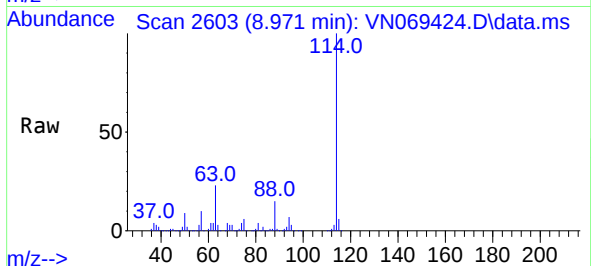
67 50.3 0.0 103.0



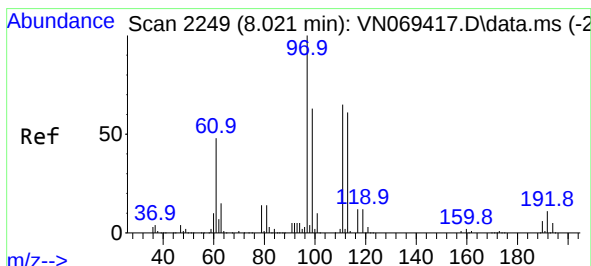
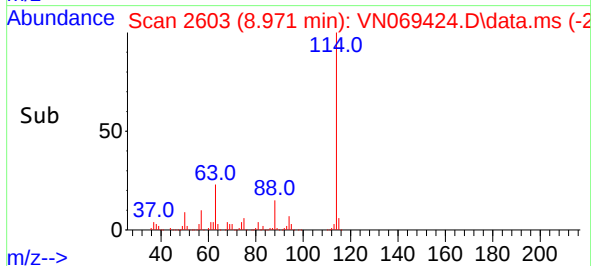
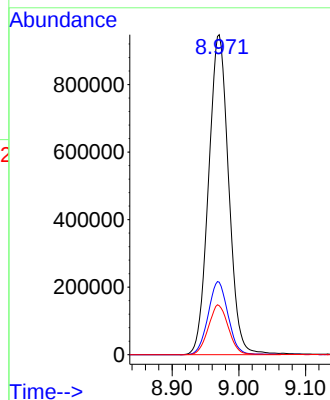


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 20
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Instrument :
MSVOA_N
ClientSampleId :

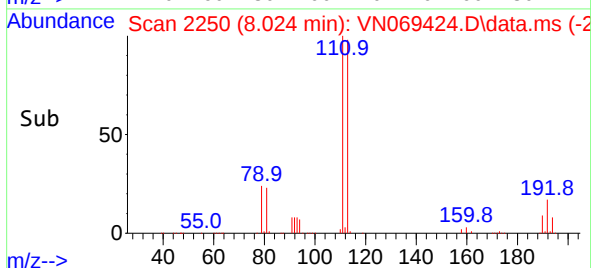
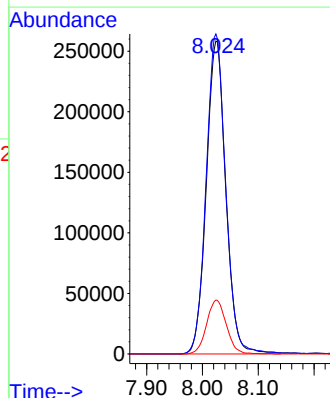
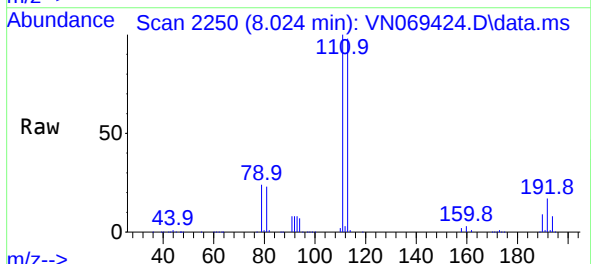


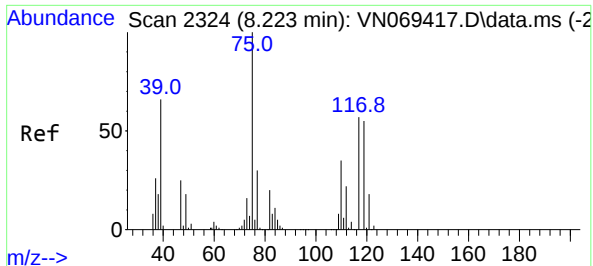
Tgt Ion:114 Resp: 1982458
Ion Ratio Lower Upper
114 100
63 22.7 0.0 37.8
88 15.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 52.716 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion:113 Resp: 626791
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 17.4 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.016 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.137 min

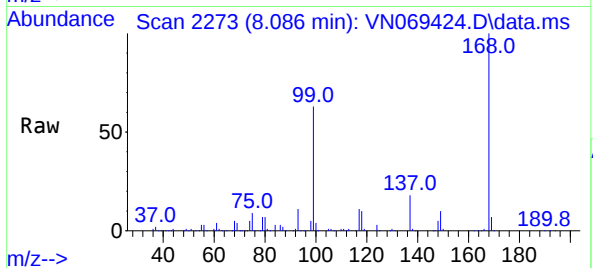
Lab File: VN069424.D

Acq: 9 Nov 2021 18:02

Instrument :

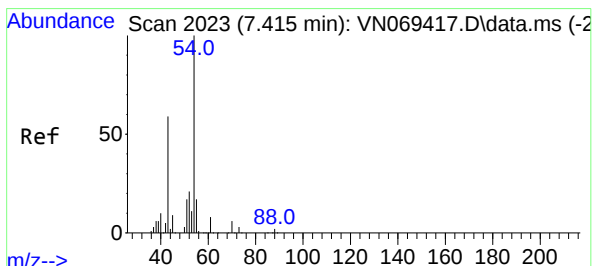
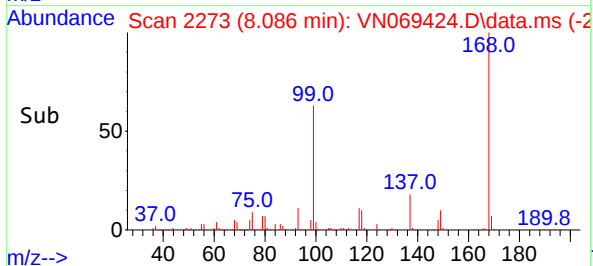
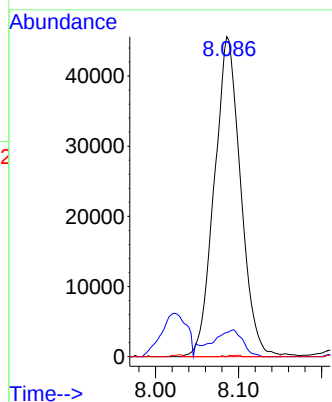
MSVOA_N

ClientSampleId :



Tgt Ion: 75 Resp: 100346

Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.4	55.2#
77	0.1	24.4	36.6#



#37

Ethyl Acetate

Concen: 0.468 ug/l

RT: 7.348 min Scan# 1998

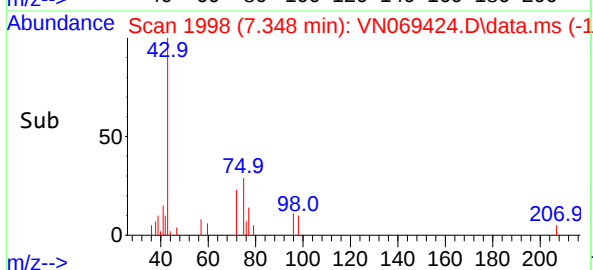
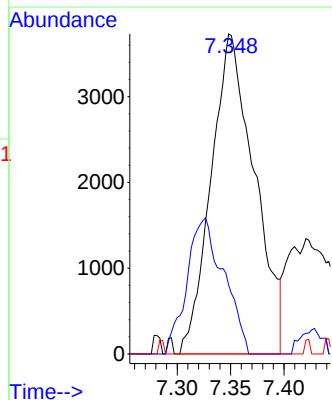
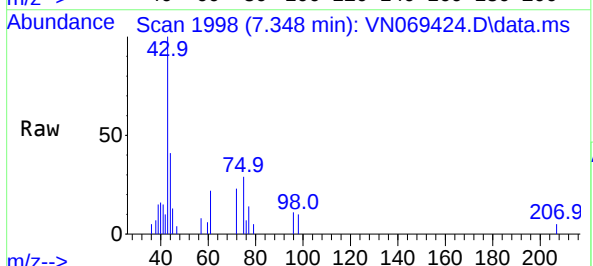
Delta R.T. -0.067 min

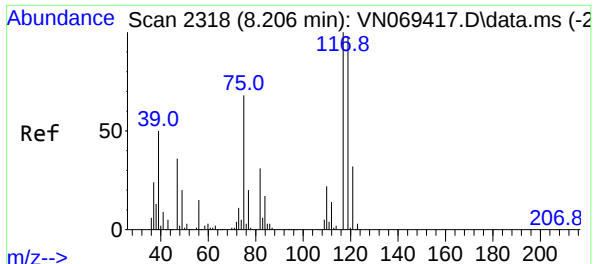
Lab File: VN069424.D

Acq: 9 Nov 2021 18:02

Tgt Ion: 43 Resp: 10545

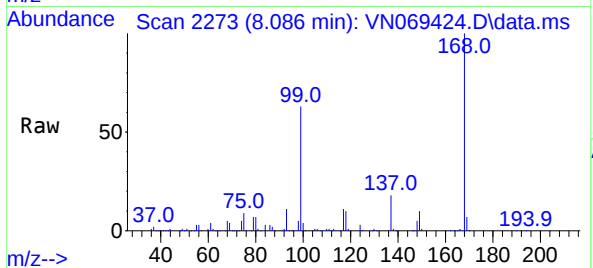
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	7.9	11.9#



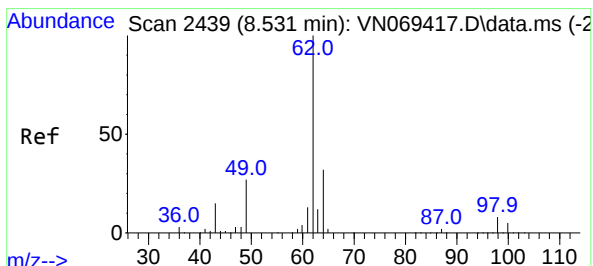
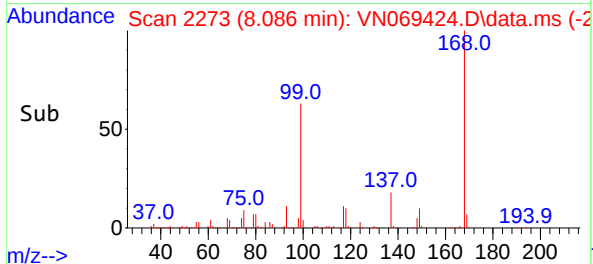
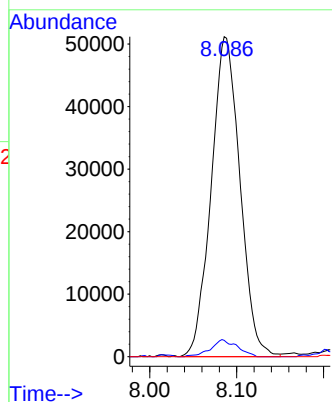


#38
Carbon Tetrachloride
Concen: 7.305 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Instrument :
MSVOA_N
ClientSampleId :

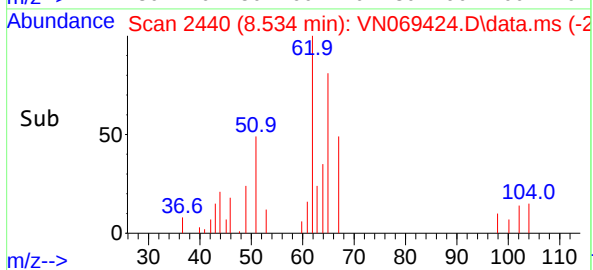
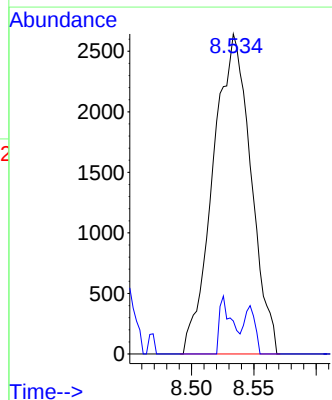
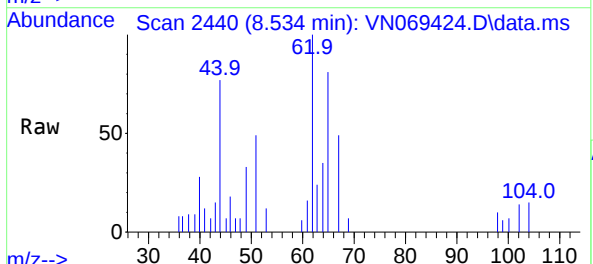


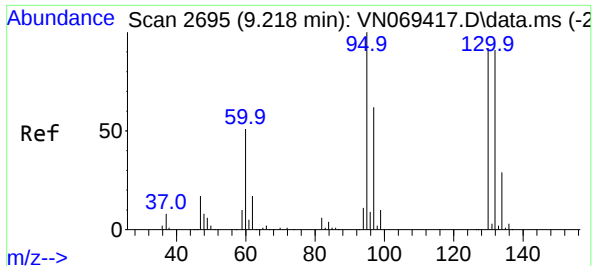
Tgt Ion:117 Resp: 117646
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#



#42
1,2-Dichloroethane
Concen: 0.277 ug/l
RT: 8.534 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion: 62 Resp: 5581
Ion Ratio Lower Upper
62 100
98 6.0 0.0 17.6

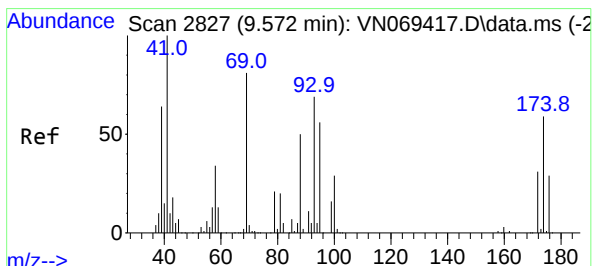
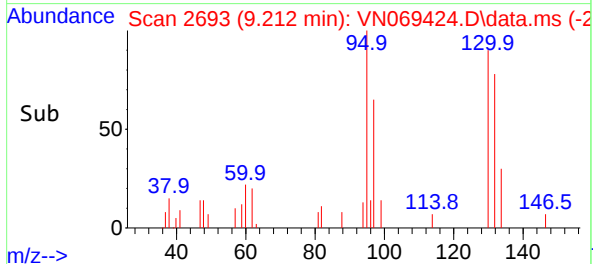
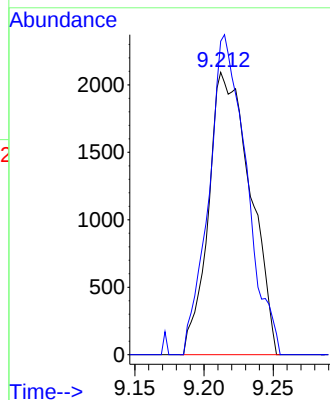
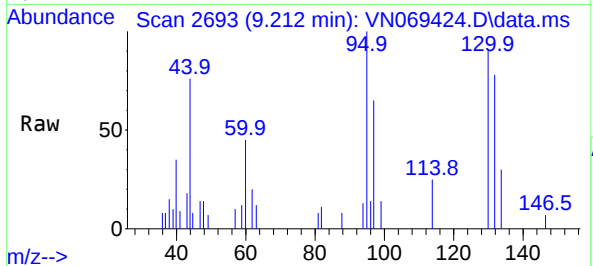




#44
Trichloroethene
Concen: 0.357 ug/l
RT: 9.212 min Scan# 2693
Delta R.T. -0.006 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

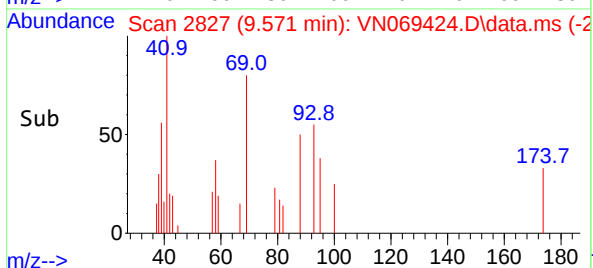
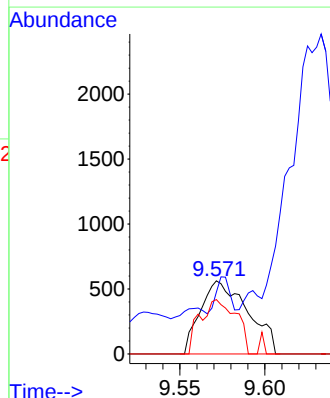
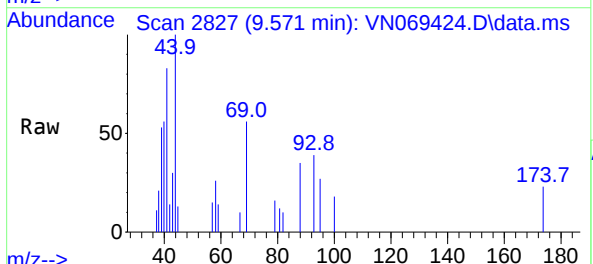
Instrument :
MSVOA_N
ClientSampleId :

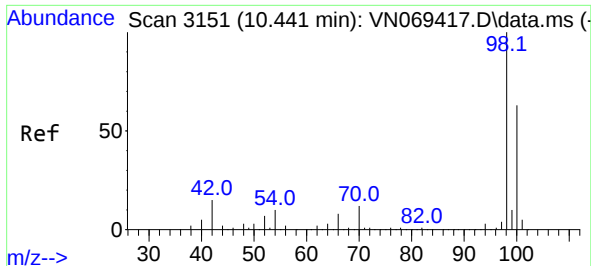
Tgt Ion:130 Resp: 4404
Ion Ratio Lower Upper
130 100
95 111.0 0.0 191.2



#49
1,4-Dioxane
Concen: 42.175 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. -0.001 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion: 88 Resp: 1095
Ion Ratio Lower Upper
88 100
43 14.1 23.4 35.2#
58 56.4 50.6 75.8

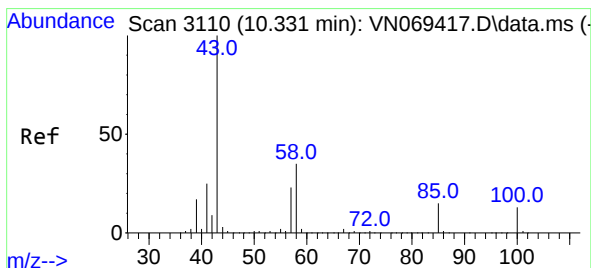
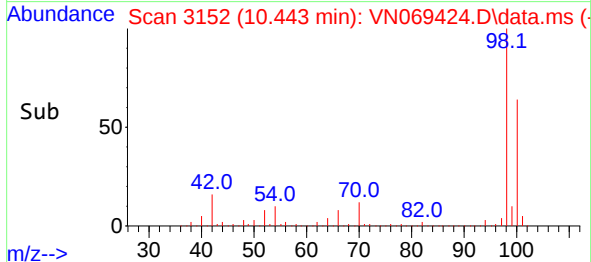
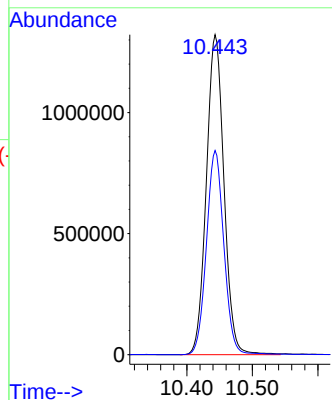
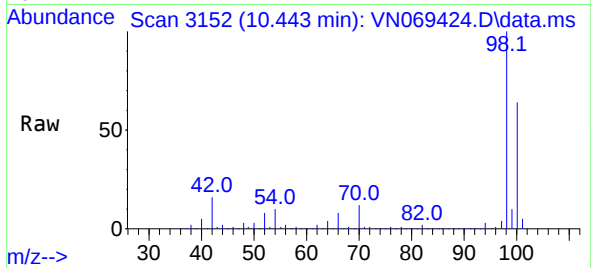




#50
Toluene-d8
Concen: 52.685 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

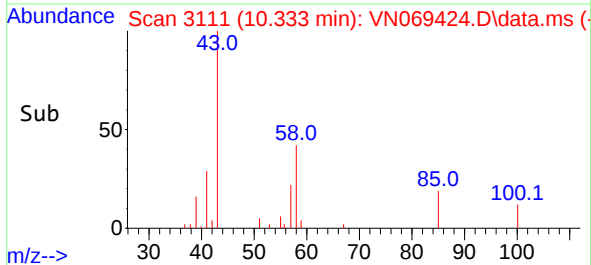
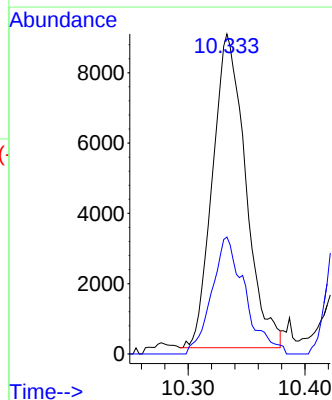
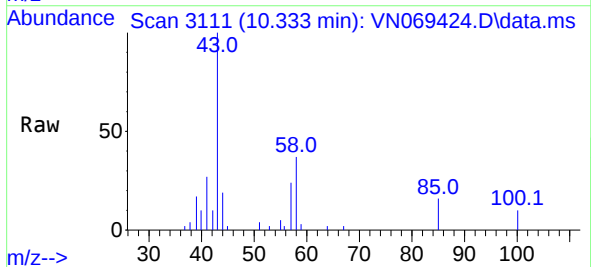
Instrument :
MSVOA_N
ClientSampleId :

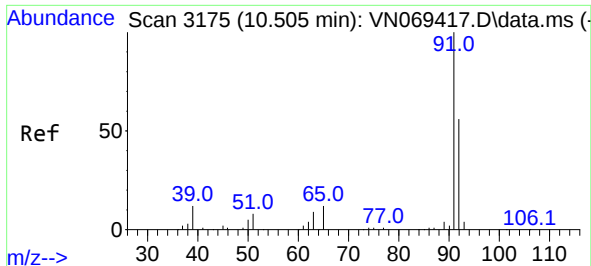
Tgt Ion: 98 Resp: 2463714
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.750 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion: 43 Resp: 17530
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6

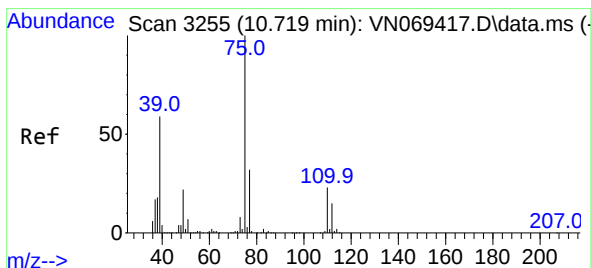
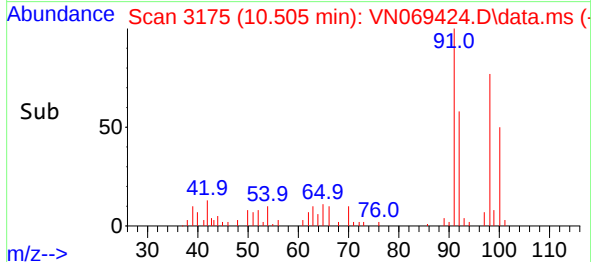
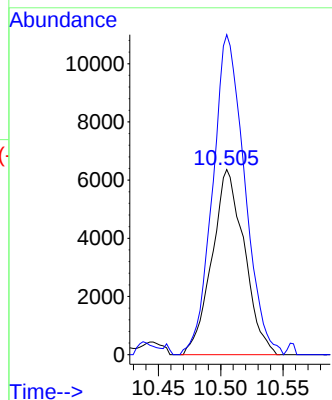
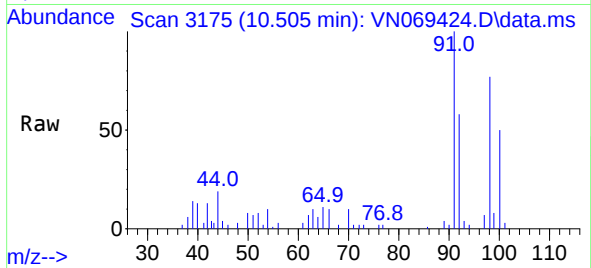




#52
Toluene
Concen: 0.358 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

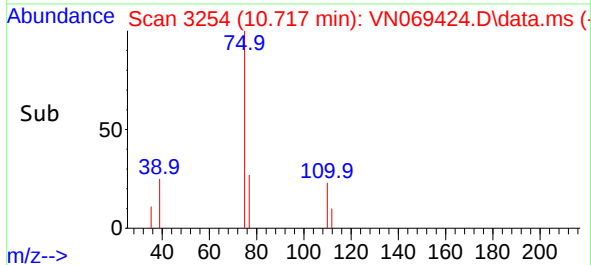
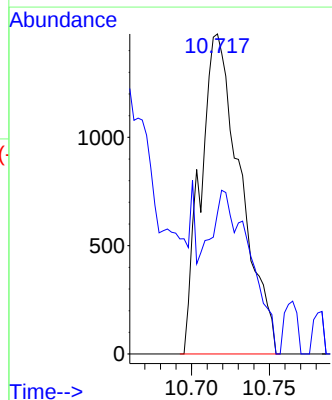
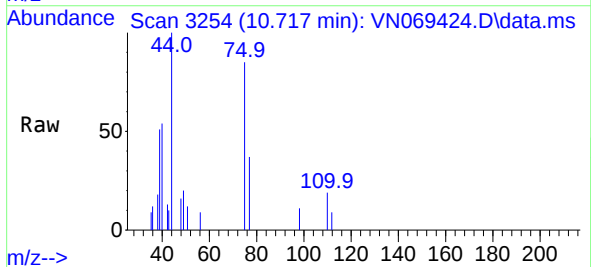
Instrument :
MSVOA_N
ClientSampleId :

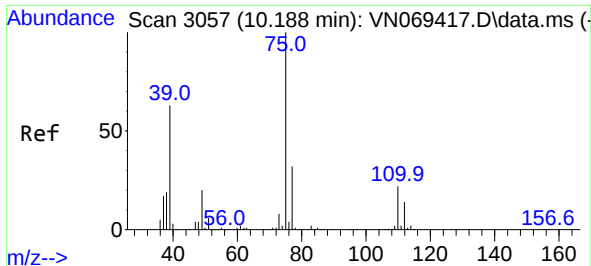
Tgt Ion: 92 Resp: 11473
Ion Ratio Lower Upper
92 100
91 171.0 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.755 ug/l
RT: 10.717 min Scan# 3254
Delta R.T. -0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

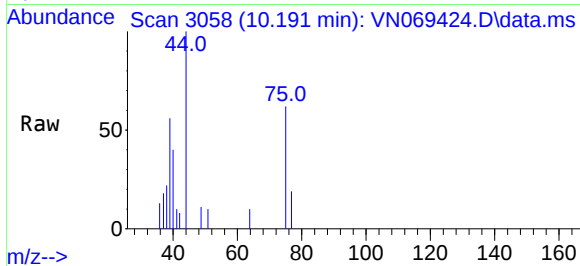
Tgt Ion: 75 Resp: 2634
Ion Ratio Lower Upper
75 100
77 44.1 25.6 38.4#



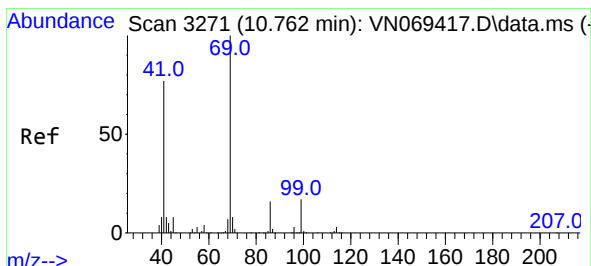
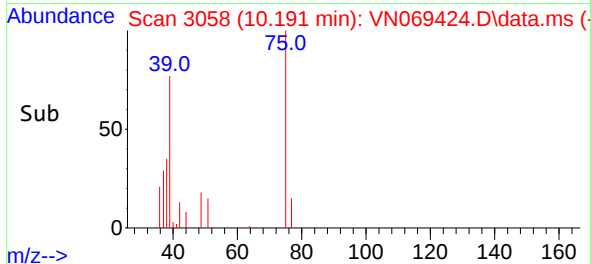
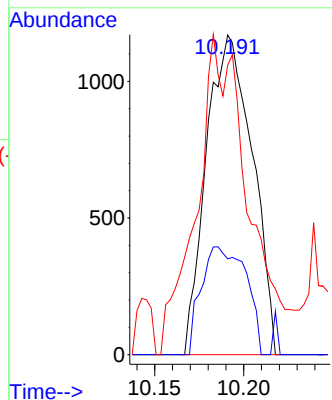


#54
cis-1,3-Dichloropropene
Concen: 1.824 ug/l
RT: 10.191 min Scan# 3057
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Instrument :
MSVOA_N
ClientSampleId :

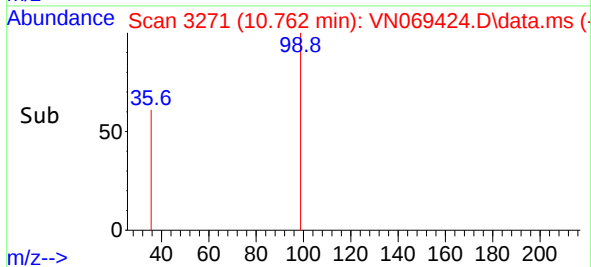
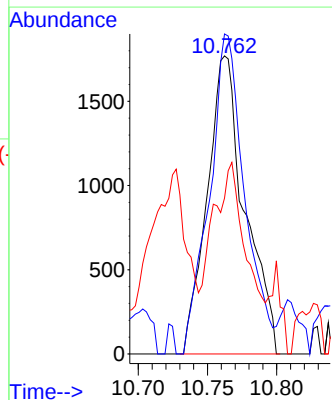
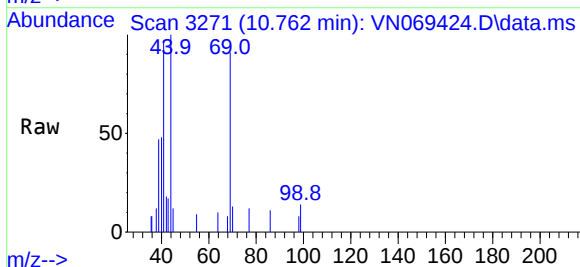


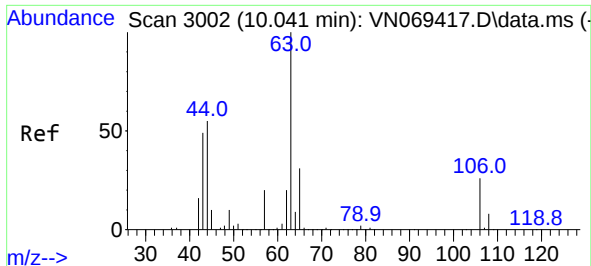
Tgt Ion: 75 Resp: 2099
Ion Ratio Lower Upper
75 100
77 30.0 26.4 39.6
39 73.8 42.5 63.7#



#56
Ethyl methacrylate
Concen: 2.185 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion: 69 Resp: 3366
Ion Ratio Lower Upper
69 100
41 100.1 51.4 77.0#
39 52.5 34.6 52.0#

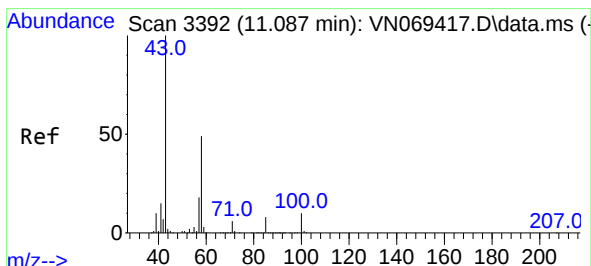
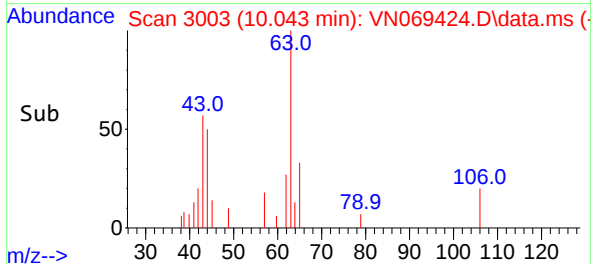
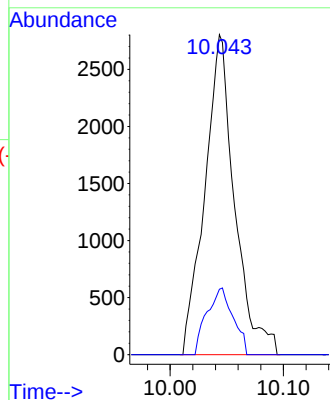
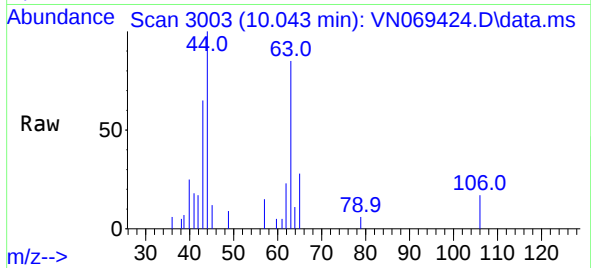




#58
2-Chloroethyl Vinyl ether
Concen: 23.512 ug/l
RT: 10.043 min Scan# 3002
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

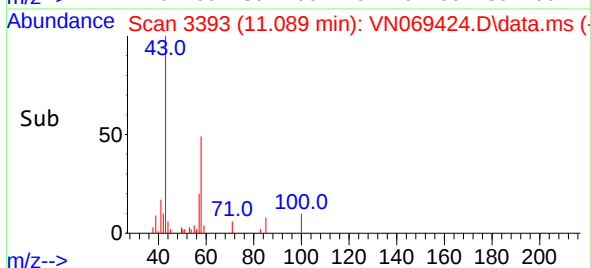
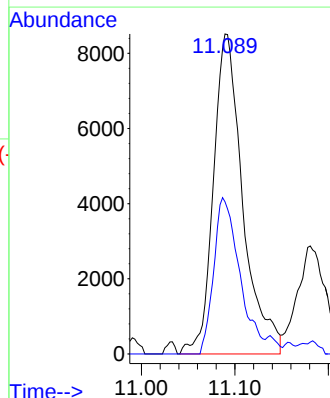
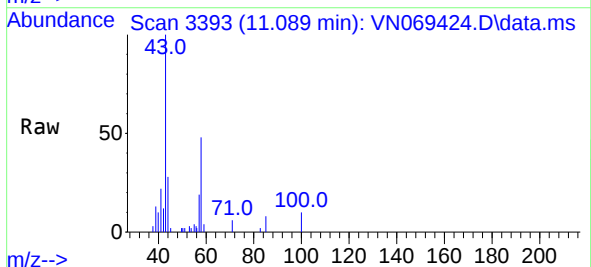
Instrument :
MSVOA_N
ClientSampleId :

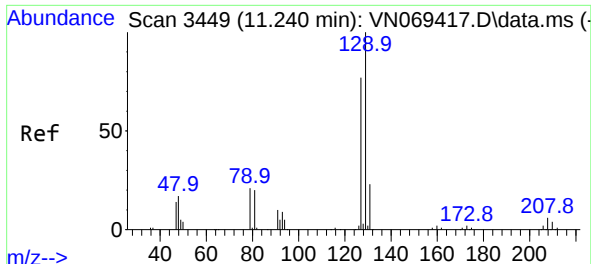
Tgt Ion: 63 Resp: 5112
Ion Ratio Lower Upper
63 100
106 18.3 23.9 35.9#



#59
2-Hexanone
Concen: 8.857 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

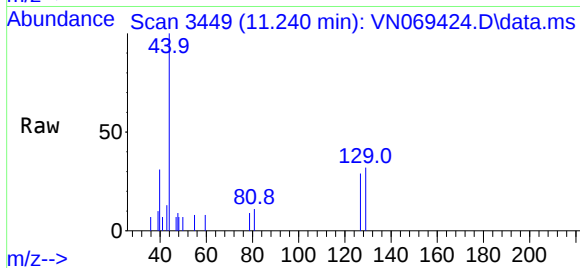
Tgt Ion: 43 Resp: 18662
Ion Ratio Lower Upper
43 100
58 42.9 26.9 80.7



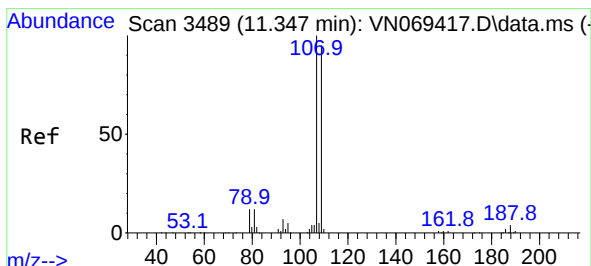
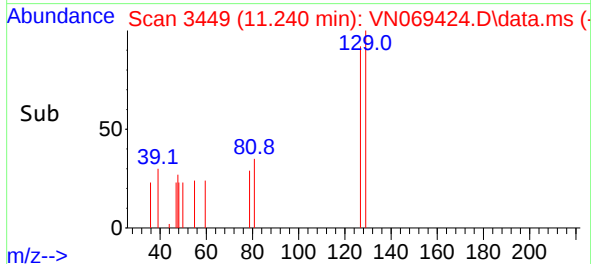
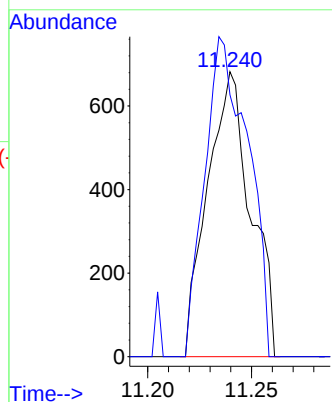


#60
Dibromochloromethane
Concen: 2.483 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Instrument :
MSVOA_N
ClientSampleId :

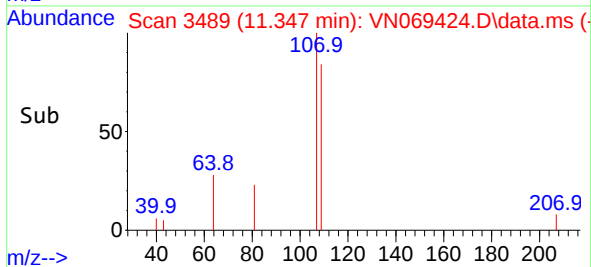
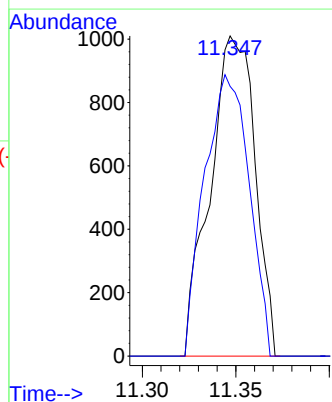
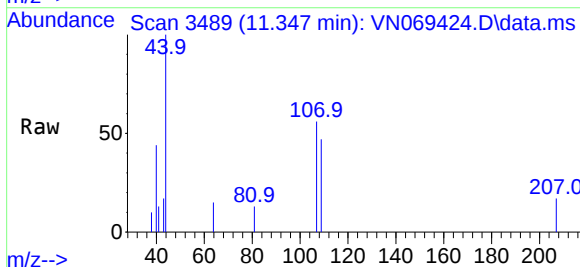


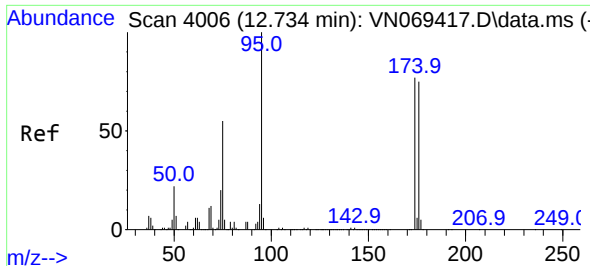
Tgt Ion:129 Resp: 985
Ion Ratio Lower Upper
129 100
127 113.1 38.6 116.0



#61
1,2-Dibromoethane
Concen: 1.186 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion:107 Resp: 1689
Ion Ratio Lower Upper
107 100
109 87.1 75.7 113.5

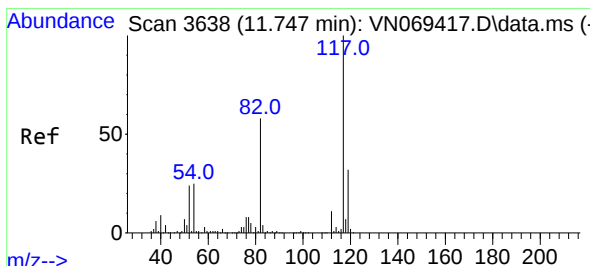
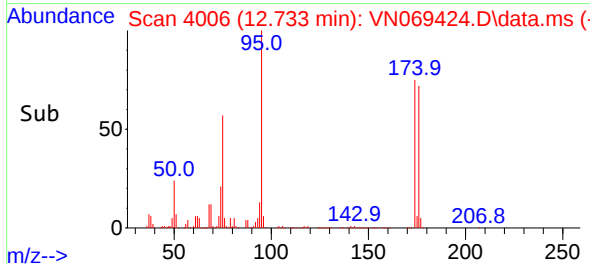
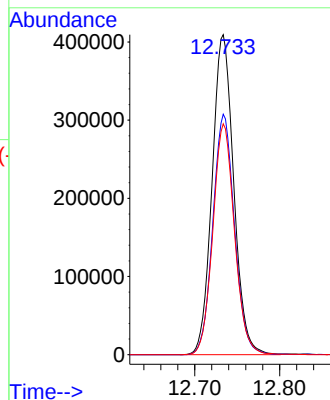
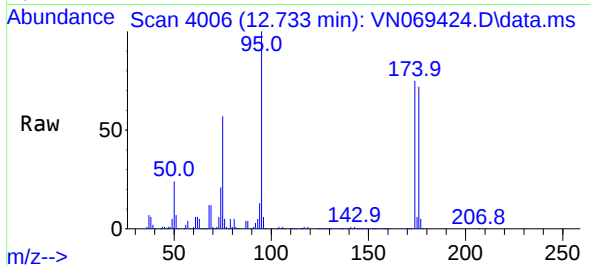




#62
4-Bromofluorobenzene
Concen: 42.127 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

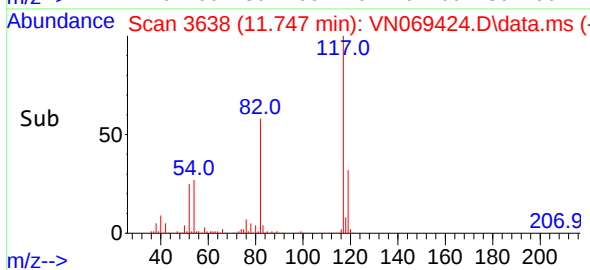
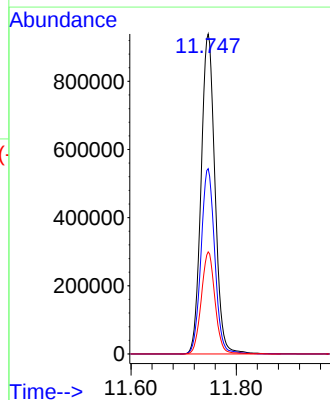
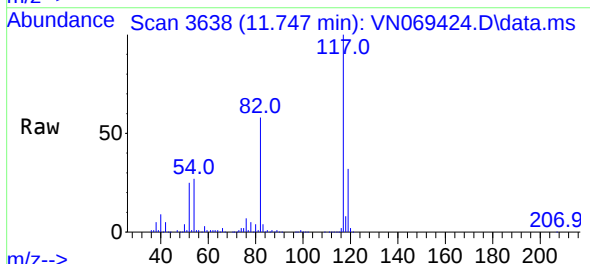
Instrument :
MSVOA_N
ClientSampleId :

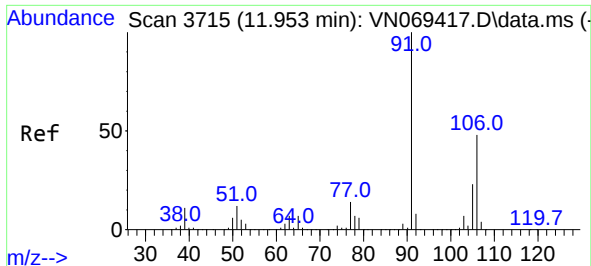
Tgt Ion: 95 Resp: 723690
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 72.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion:117 Resp: 1715434
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 31.9 25.4 38.2

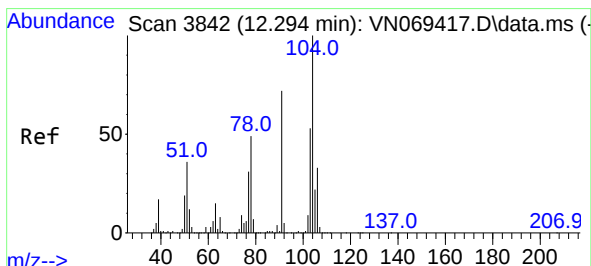
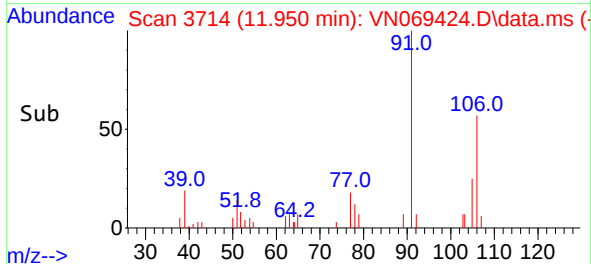
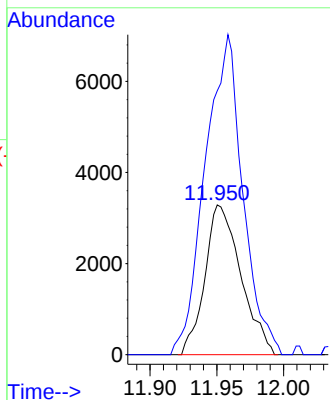
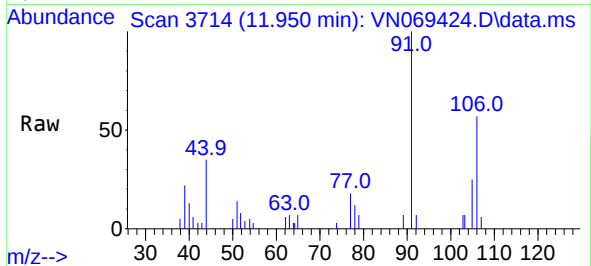




#68
m/p-Xylenes
Concen: 0.285 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

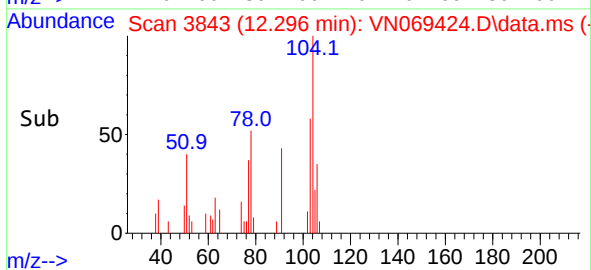
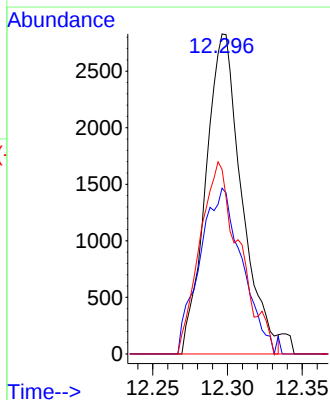
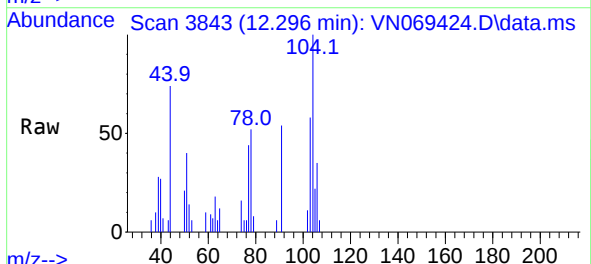
Instrument :
MSVOA_N
ClientSampleId :

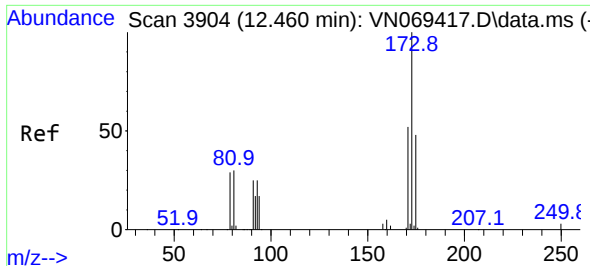
Tgt Ion:106 Resp: 6163
Ion Ratio Lower Upper
106 100
91 223.2 160.6 240.8



#70
Styrene
Concen: 1.639 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion:104 Resp: 4734
Ion Ratio Lower Upper
104 100
78 61.6 38.7 58.1#
103 66.3 45.0 67.6

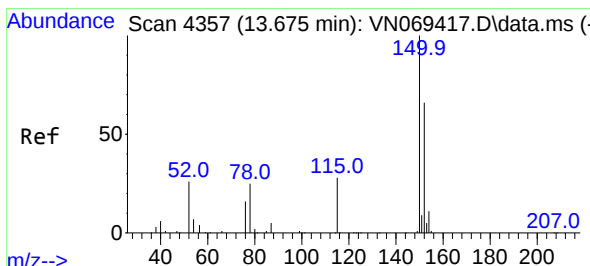
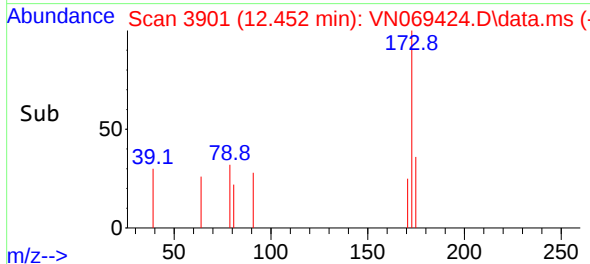
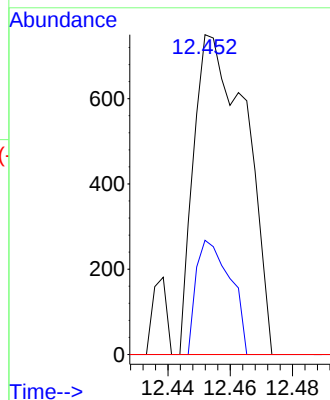
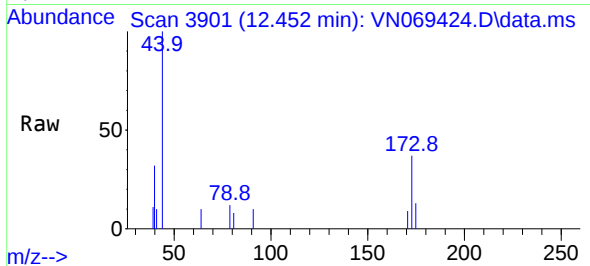




#71
Bromoform
Concen: 3.513 ug/l
RT: 12.452 min Scan# 3901
Delta R.T. -0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

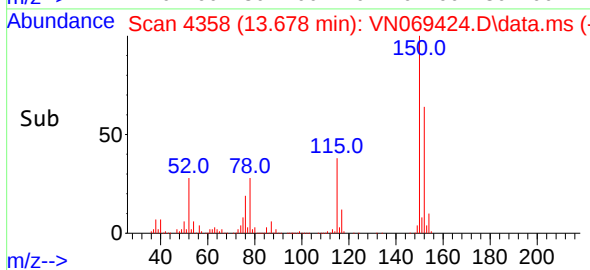
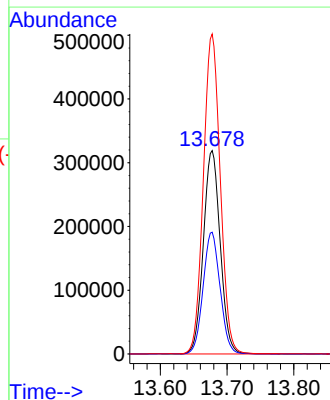
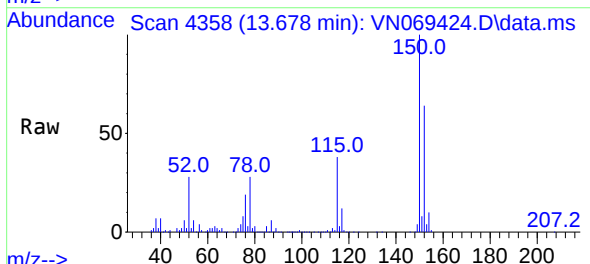
Instrument :
MSVOA_N
ClientSampleId :

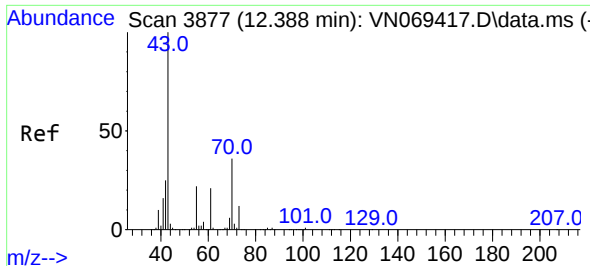
Tgt Ion:173 Resp: 876
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

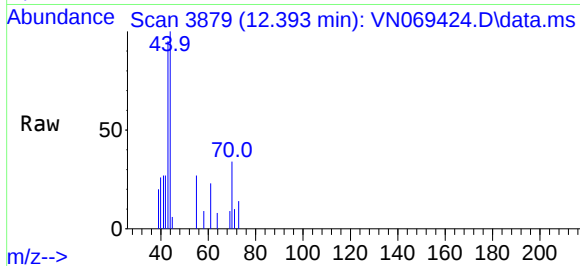
Tgt Ion:152 Resp: 559822
Ion Ratio Lower Upper
152 100
115 60.0 27.5 82.5
150 157.4 0.0 344.4



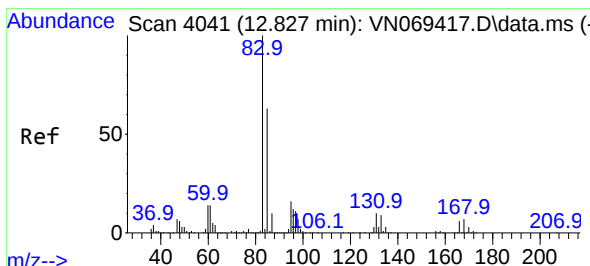
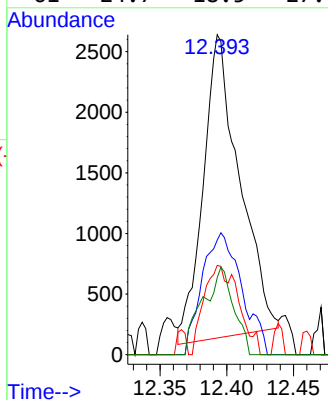
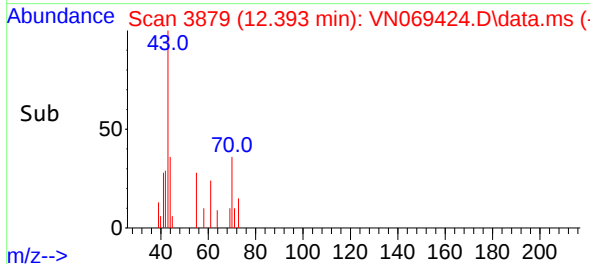


#74
N-amy1 acetate
Concen: 0.250 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

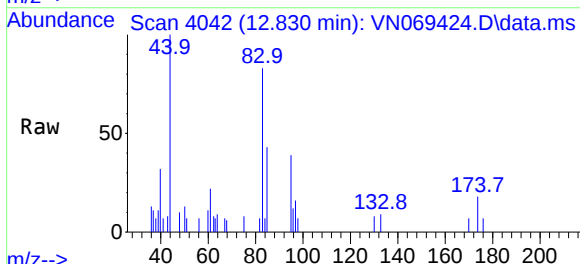
Instrument :
MSVOA_N
ClientSampleId :



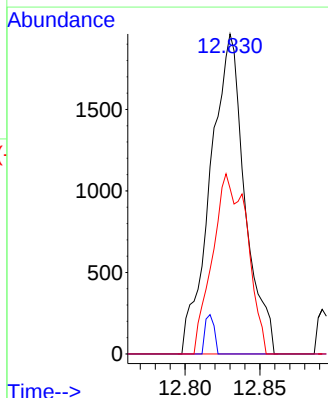
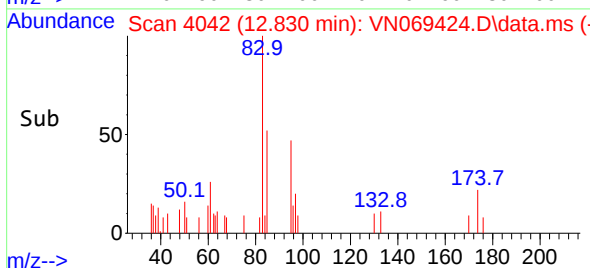
Tgt Ion: 43	Resp: 4722
Ion Ratio	Lower Upper
43 100	
70 43.8	33.4 50.0
55 28.2	19.3 28.9
61 24.7	18.5 27.7

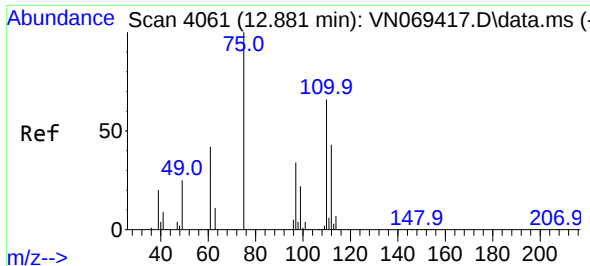


#75
1,1,2,2-Tetrachloroethane
Concen: 0.210 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02



Tgt Ion: 83	Resp: 3156
Ion Ratio	Lower Upper
83 100	
131 3.2	5.5 16.5#
85 56.6	32.4 97.2

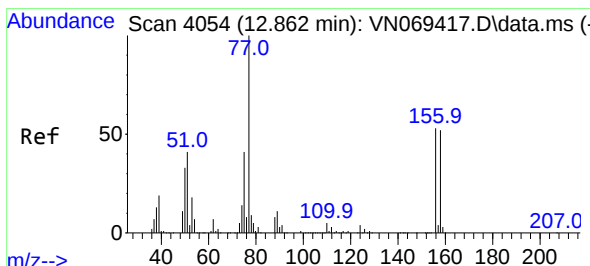
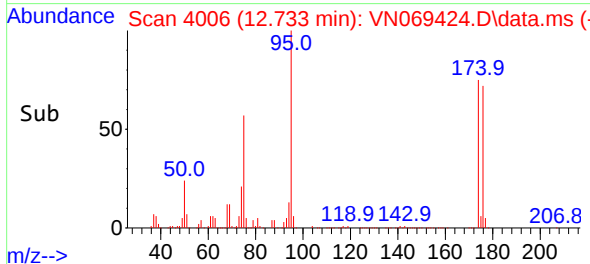
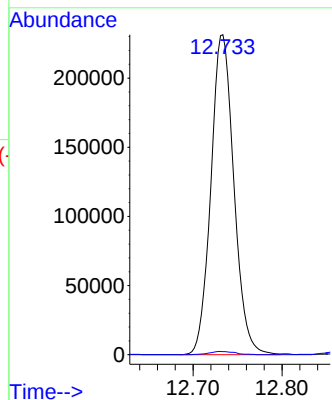
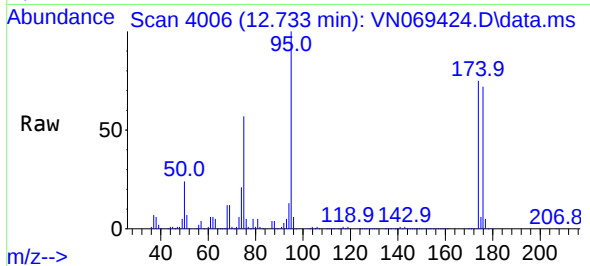




#76
1,2,3-Trichloropropane
Concen: 32.118 ug/l
RT: 12.733 min Scan# 4061
Delta R.T. -0.148 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

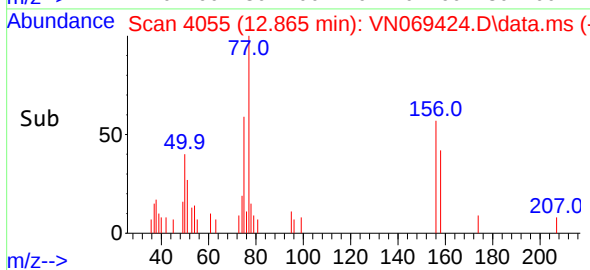
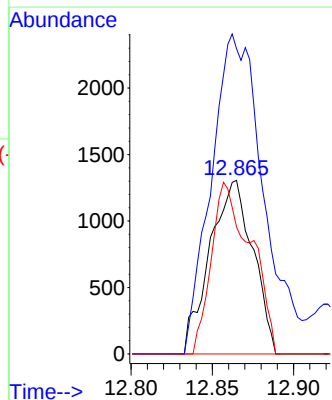
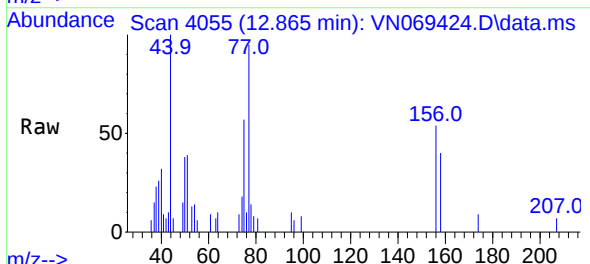
Instrument :
MSVOA_N
ClientSampleId :

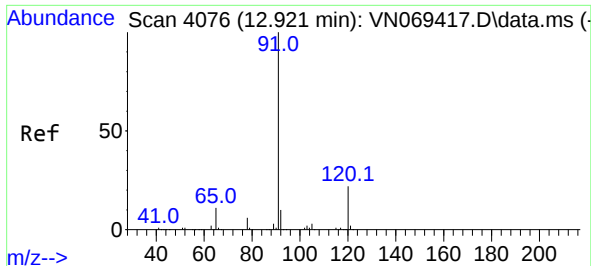
Tgt Ion: 75 Resp: 414941
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#77
Bromobenzene
Concen: 0.235 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion:156 Resp: 2399
Ion Ratio Lower Upper
156 100
77 222.9 90.6 271.8
158 91.2 48.9 146.7

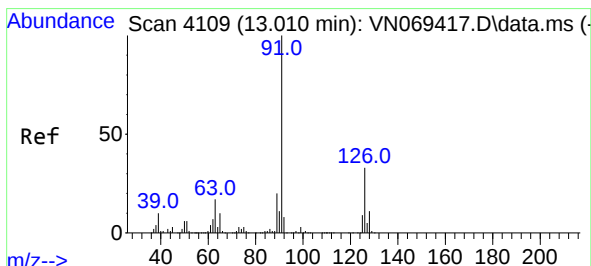
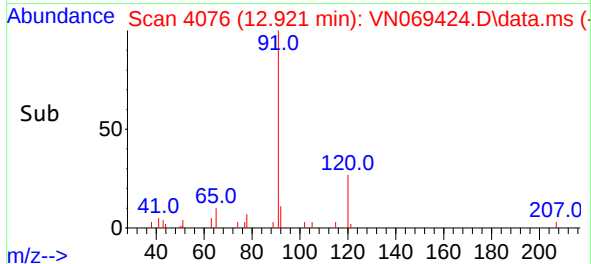
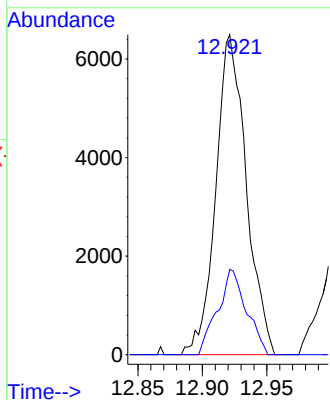
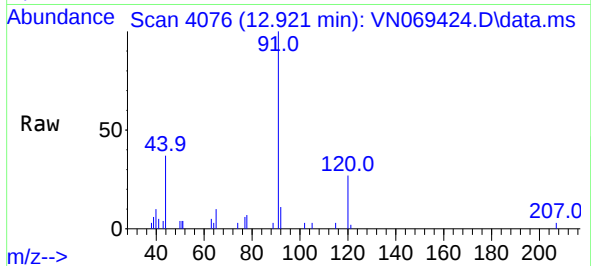




#78
n-propylbenzene
Concen: 0.213 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

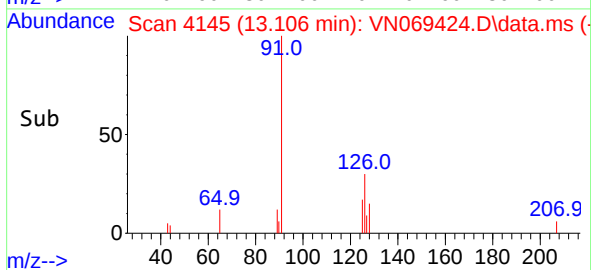
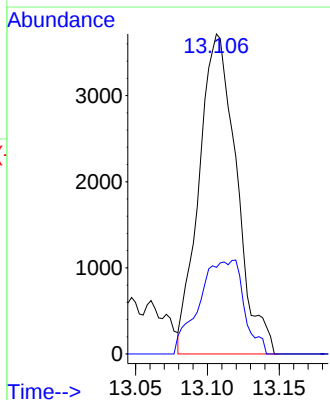
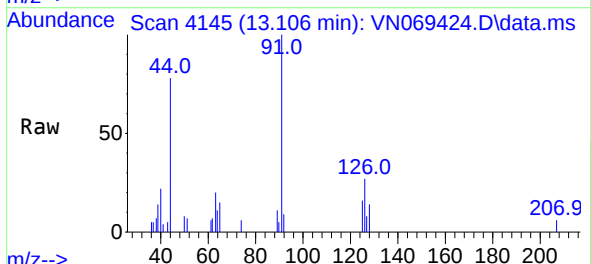
Instrument :
MSVOA_N
ClientSampleId :

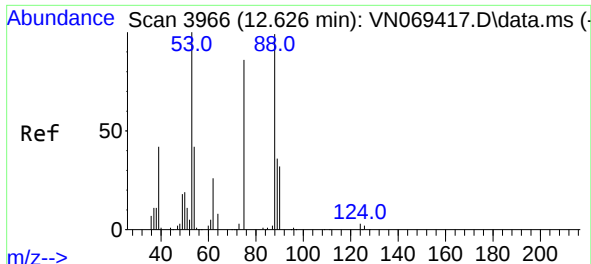
Tgt Ion: 91 Resp: 10659
Ion Ratio Lower Upper
91 100
120 25.1 11.9 35.9



#79
2-Chlorotoluene
Concen: 0.217 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.096 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

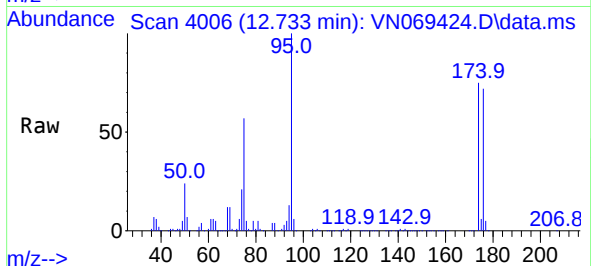
Tgt Ion: 91 Resp: 6738
Ion Ratio Lower Upper
91 100
126 34.8 18.3 54.8



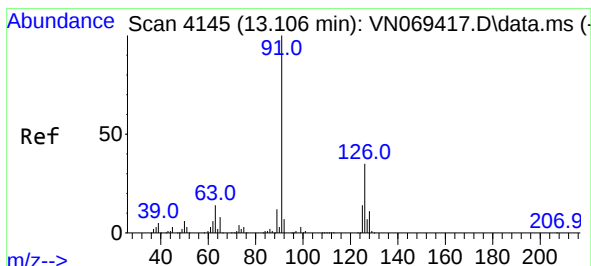
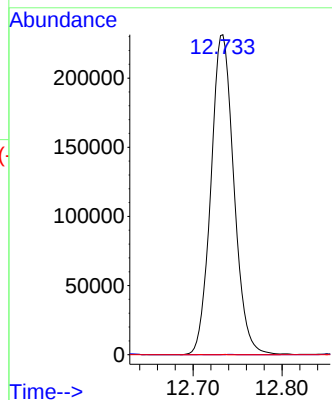
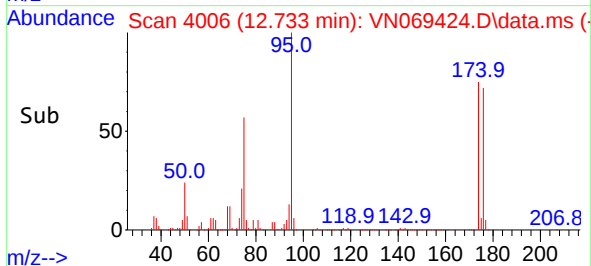


#81
trans-1,4-Dichloro-2-butene
Concen: 90.325 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Instrument :
MSVOA_N
ClientSampleId :

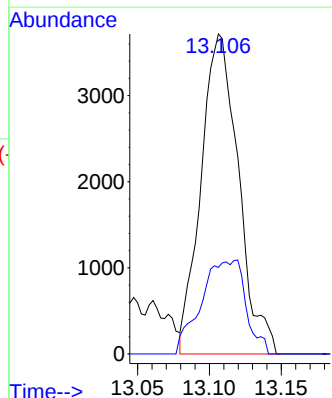
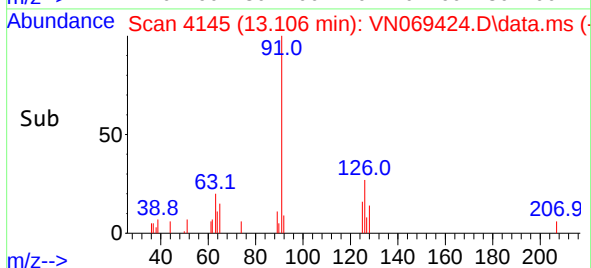
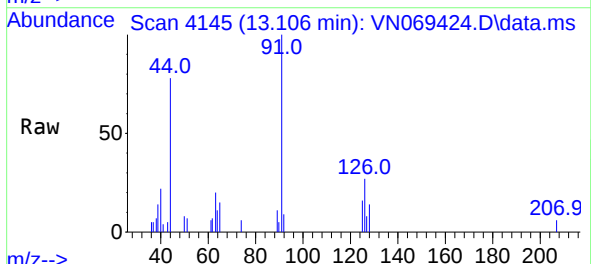


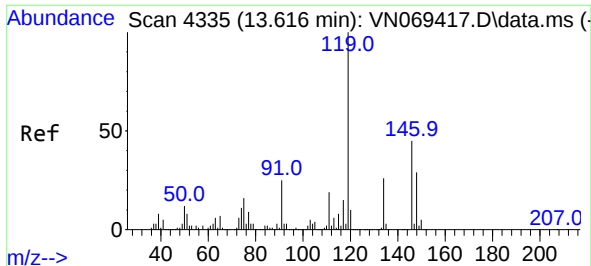
Tgt Ion: 75 Resp: 414941
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.228 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion: 91 Resp: 6738
Ion Ratio Lower Upper
91 100
126 34.8 18.2 54.6





#87

1,3-Dichlorobenzene

Concen: 0.236 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. -0.000 min

Lab File: VN069424.D

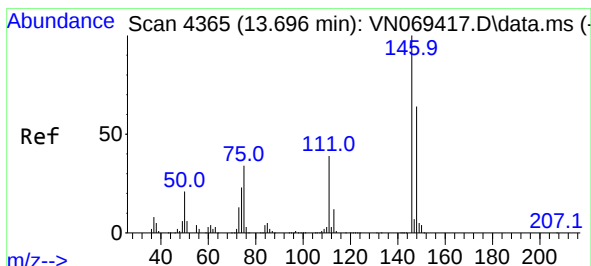
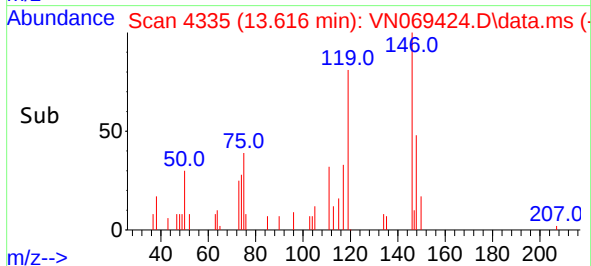
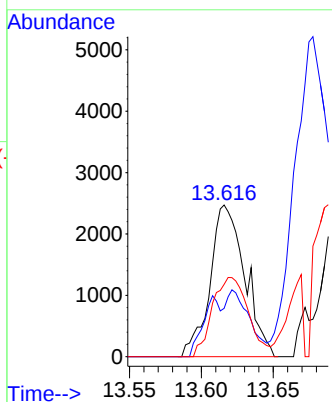
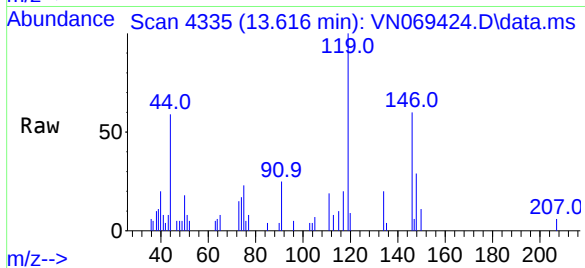
Acq: 9 Nov 2021 18:02

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	4167
Ion	Ratio	Lower Upper
146	100	
111	28.3	18.6 55.6
148	53.9	31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.240 ug/l

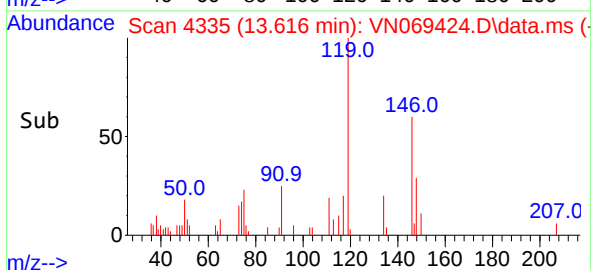
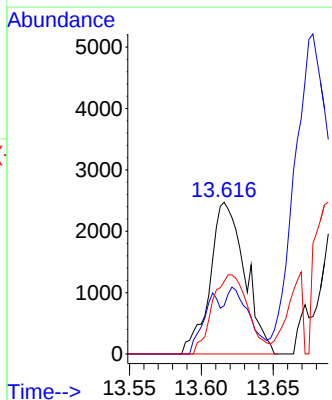
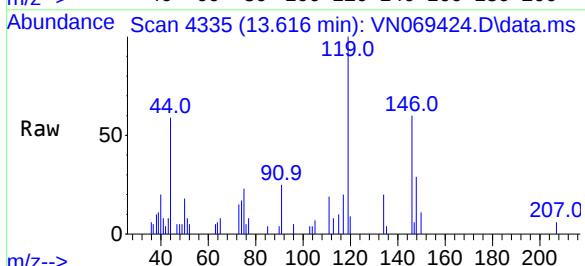
RT: 13.616 min Scan# 4335

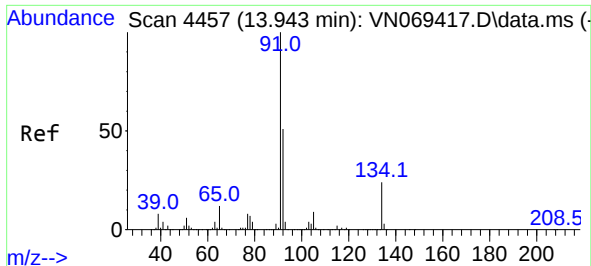
Delta R.T. -0.080 min

Lab File: VN069424.D

Acq: 9 Nov 2021 18:02

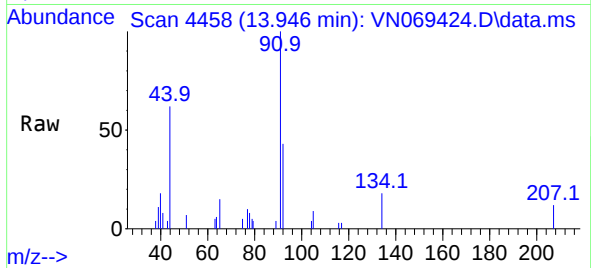
Tgt Ion:146	Resp:	4167
Ion	Ratio	Lower Upper
146	100	
111	28.3	18.3 54.8
148	53.9	31.8 95.4



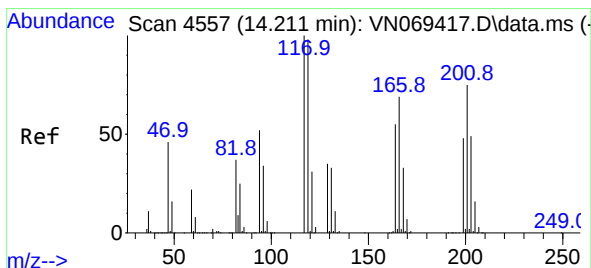
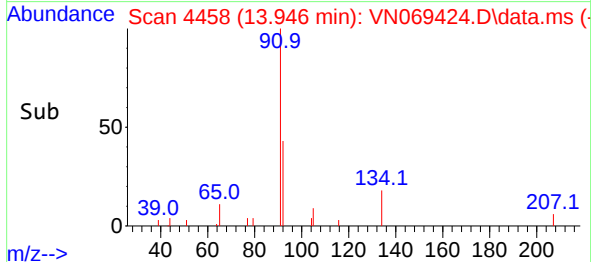
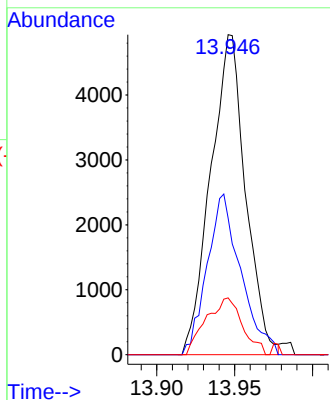


#89
n-Butylbenzene
Concen: 0.263 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Instrument :
MSVOA_N
ClientSampleId :

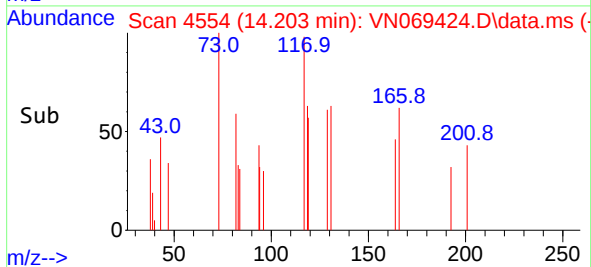
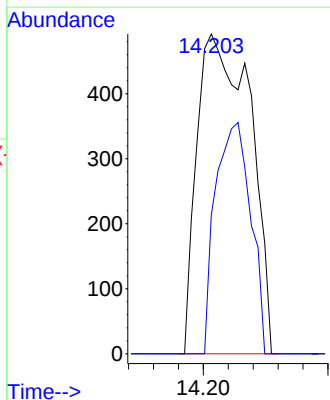
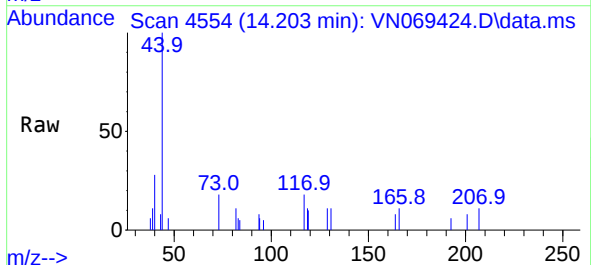


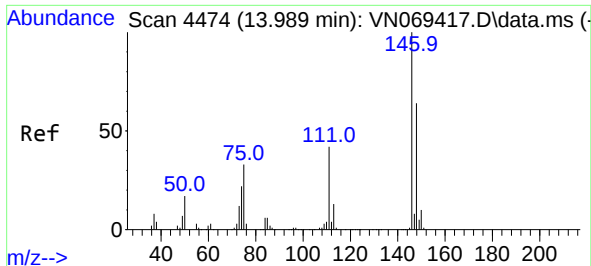
Tgt Ion: 91 Resp: 7677
Ion Ratio Lower Upper
91 100
92 48.4 25.4 76.0
134 18.5 13.6 40.8



#90
Hexachloroethane
Concen: 2.270 ug/l
RT: 14.203 min Scan# 4554
Delta R.T. -0.008 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion: 117 Resp: 726
Ion Ratio Lower Upper
117 100
201 47.8 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 0.277 ug/l

RT: 13.994 min Scan# 4474

Delta R.T. 0.005 min

Lab File: VN069424.D

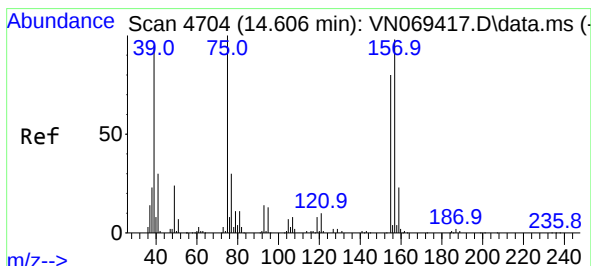
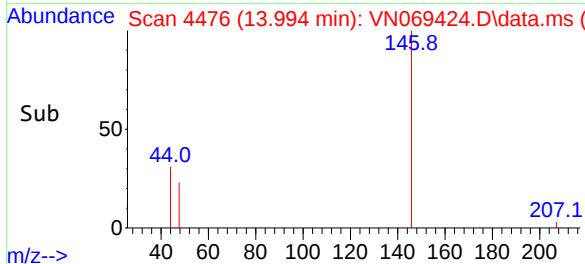
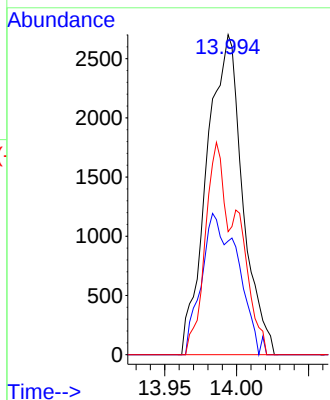
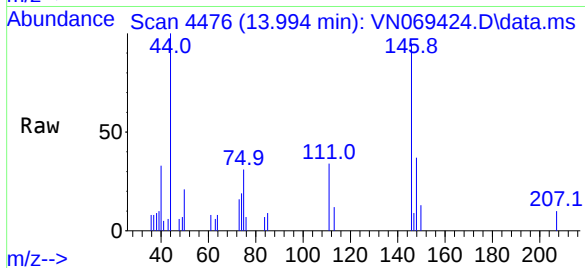
Acq: 9 Nov 2021 18:02

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	4666
Ion	Ratio	Lower	Upper
146	100		
111	27.0	19.1	57.3
148	37.8	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.969 ug/l

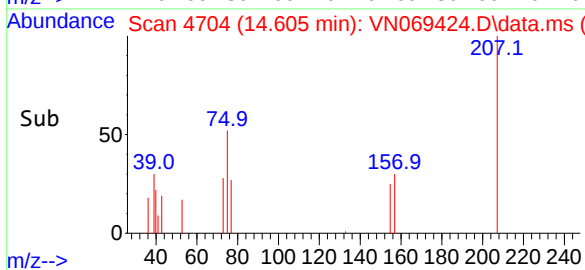
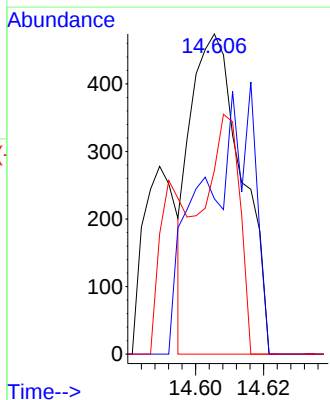
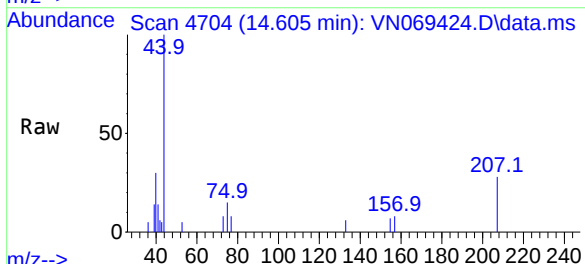
RT: 14.605 min Scan# 4704

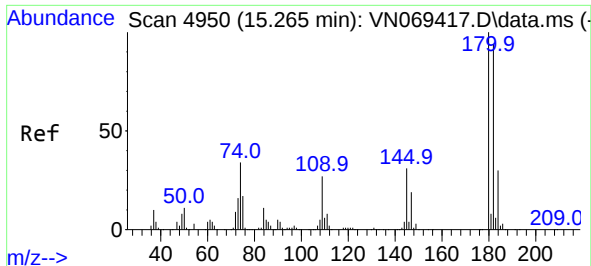
Delta R.T. -0.001 min

Lab File: VN069424.D

Acq: 9 Nov 2021 18:02

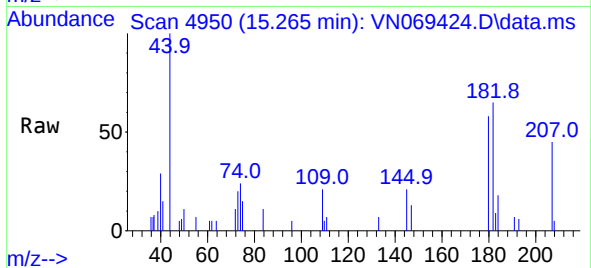
Tgt Ion:	75	Resp:	499
Ion	Ratio	Lower	Upper
75	100		
155	82.6	46.9	140.7
157	44.9	60.6	181.7#



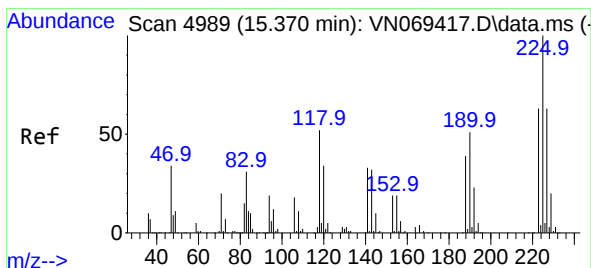
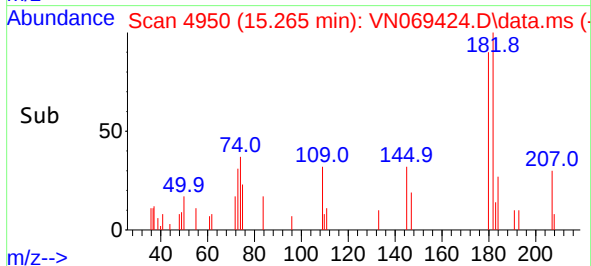
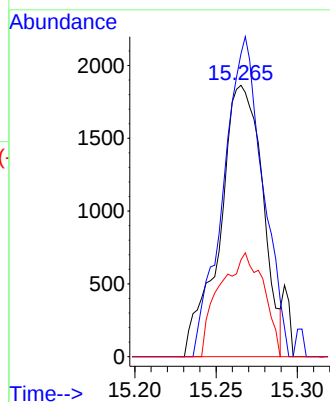


#93
1,2,4-Trichlorobenzene
Concen: 3.477 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Instrument :
MSVOA_N
ClientSampleId :

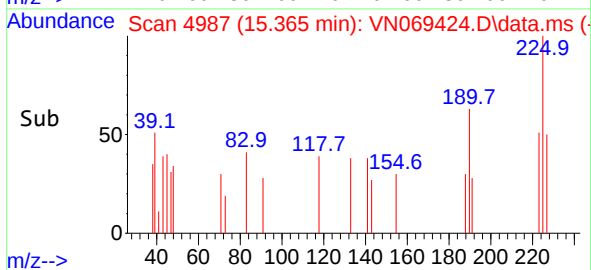
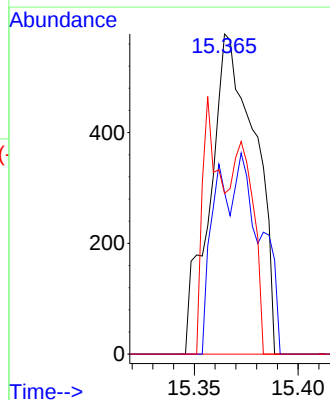
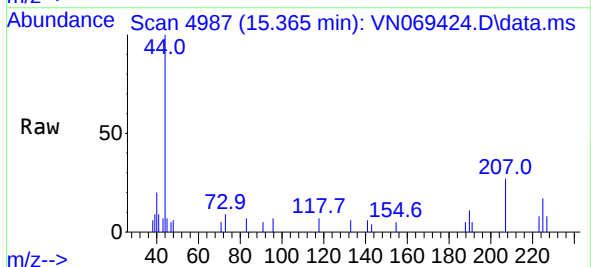


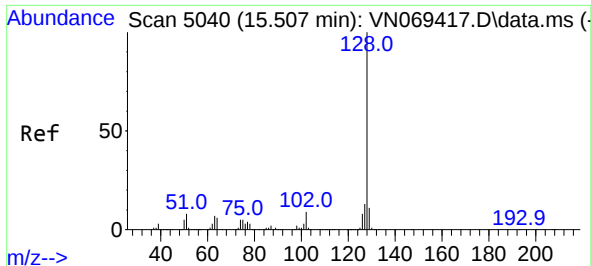
Tgt Ion:180 Resp: 3414
Ion Ratio Lower Upper
180 100
182 109.2 48.3 144.9
145 39.3 14.5 43.5



#94
Hexachlorobutadiene
Concen: 0.200 ug/l
RT: 15.365 min Scan# 4987
Delta R.T. -0.005 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion:225 Resp: 874
Ion Ratio Lower Upper
225 100
223 24.8 31.9 95.7#
227 31.8 32.1 96.3#

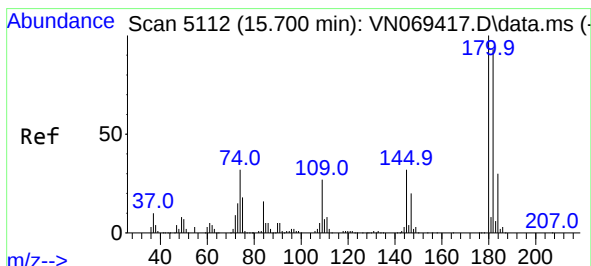
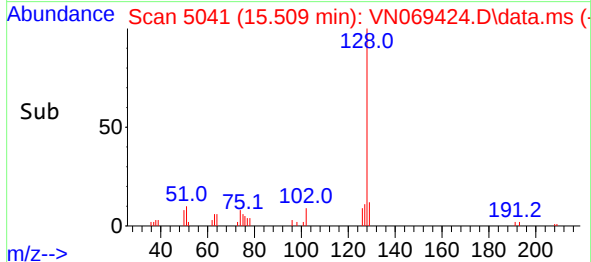
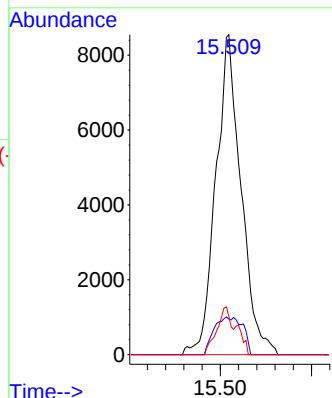
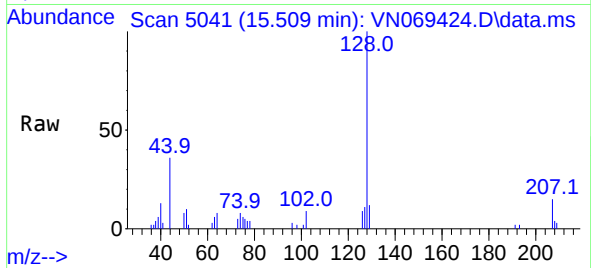




#95
Naphthalene
Concen: 5.053 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 16425
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 8.6 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.358 ug/l
RT: 15.694 min Scan# 5110
Delta R.T. -0.006 min
Lab File: VN069424.D
Acq: 9 Nov 2021 18:02

Tgt Ion:180 Resp: 1699
Ion Ratio Lower Upper
180 100
182 237.3 47.4 142.2#
145 89.3 15.0 45.1#

