

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028767.D
 Acq On : 17 May 2022 18:52
 Operator : JC/MD
 Sample : N2884-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31804

Quant Time: May 18 04:53:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

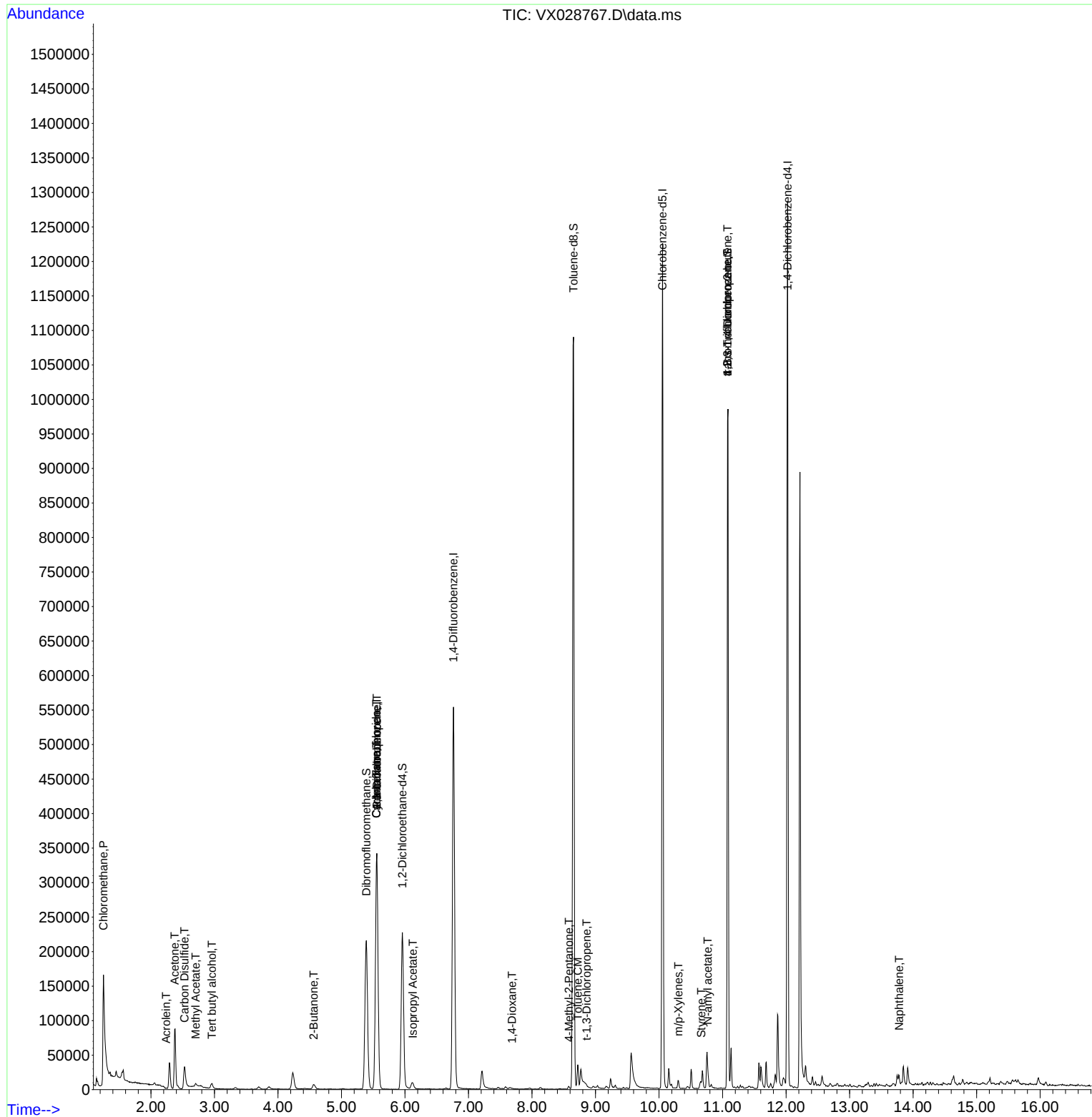
Internal Standards						
1) Pentafluorobenzene	5.556	168	313939	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	559684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	536166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	252586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	217230	50.479	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.960%	
35) Dibromofluoromethane	5.391	113	185922	50.702	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.400%	
50) Toluene-d8	8.653	98	663607	48.000	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.000%	
62) 4-Bromofluorobenzene	11.079	95	262749	50.883	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.760%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	6058	1.565	ug/l	# 42
5) Bromomethane	1.611	94	798	Below Cal		90
6) Chloroethane	1.800	64	875	Below Cal	#	63
11) Tert butyl alcohol	2.959	59	7820	0.603	ug/l	99
13) Acrolein	2.239	56	252	0.357	ug/l	# 43
16) Acetone	2.374	43	92288	49.969	ug/l	90
17) Carbon Disulfide	2.526	76	40492	4.808	ug/l	100
18) Methyl Acetate	2.703	43	4072	0.880	ug/l	98
25) 2-Butanone	4.562	43	12678	4.373	ug/l	97
31) Cyclohexane	5.550	56	7160	1.199	ug/l	# 28
36) 1,1-Dichloropropene	5.556	75	25336	4.600	ug/l	# 49
38) Carbon Tetrachloride	5.550	117	33136	5.978	ug/l	# 14
43) Isopropyl Acetate	6.123	43	9191	1.021	ug/l	# 56
49) 1,4-Dioxane	7.684	88	191	1.759	ug/l	# 70
51) 4-Methyl-2-Pentanone	8.580	43	2448	0.413	ug/l	93
52) Toluene	8.720	92	12510	1.229	ug/l	99
53) t-1,3-Dichloropropene	8.860	75	116	1.659	ug/l	# 43
68) m/p-Xylenes	10.305	106	2680	0.338	ug/l	93
70) Styrene	10.665	104	3298	0.260	ug/l	96
74) N-amyl acetate	10.768	43	15027	1.996	ug/l	# 5
76) 1,2,3-Trichloropropane	11.079	75	139470	23.578	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	139470	68.764	ug/l	# 15
95) Naphthalene	13.780	128	8923	0.497	ug/l	96

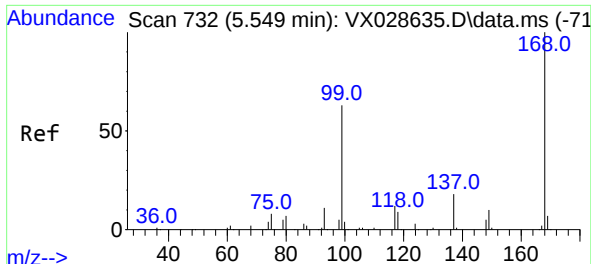
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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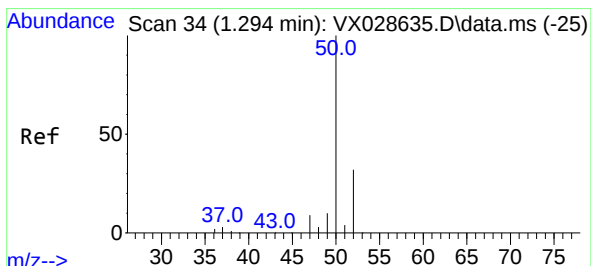
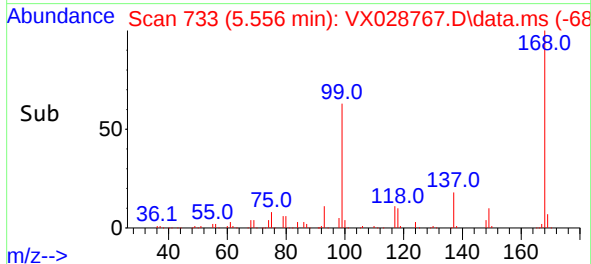
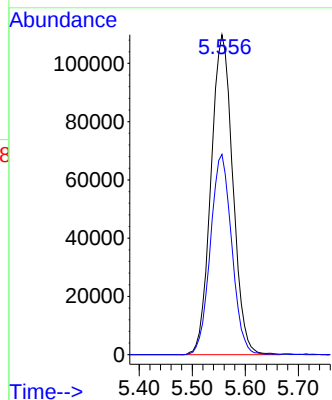
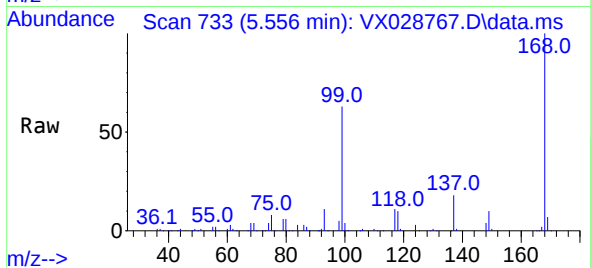




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

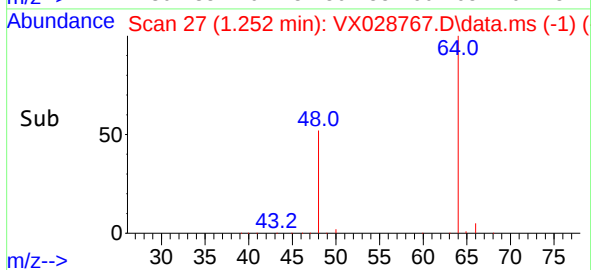
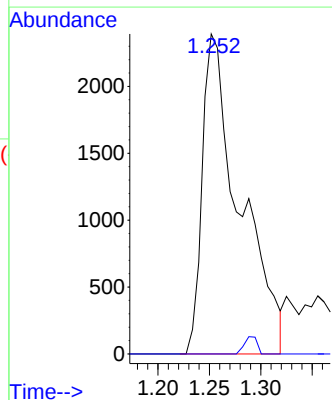
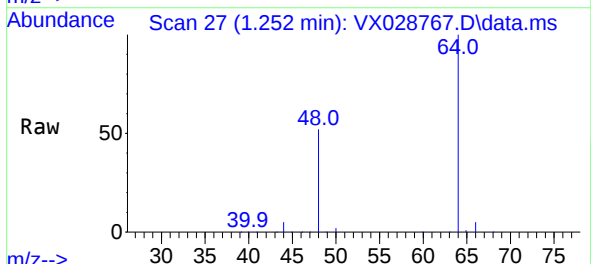
Instrument :
MSVOA_X
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31804

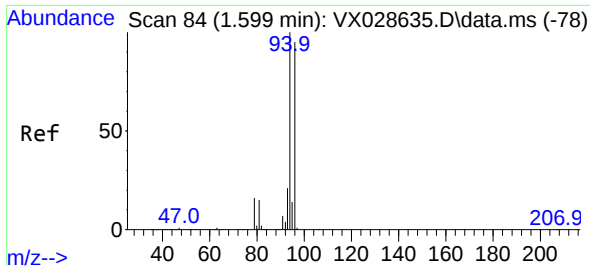
Tgt Ion:168 Resp: 313939
Ion Ratio Lower Upper
168 100
99 62.6 41.7 62.5#



#3
Chloromethane
Concen: 1.565 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.042 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

Tgt Ion: 50 Resp: 6058
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

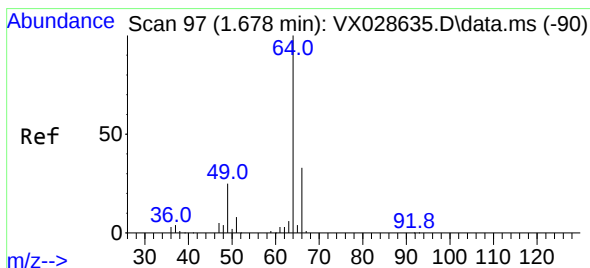
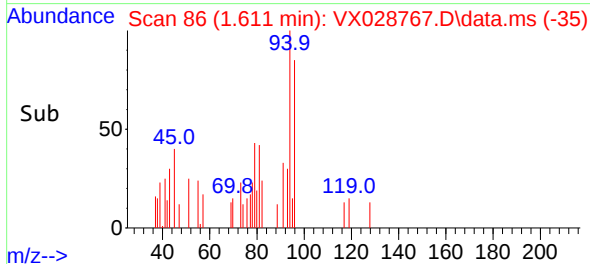
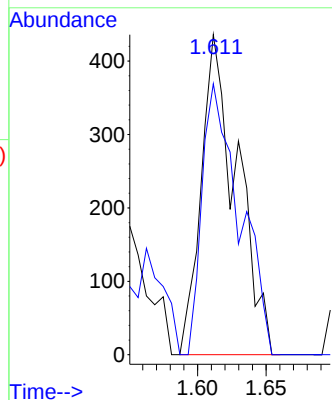
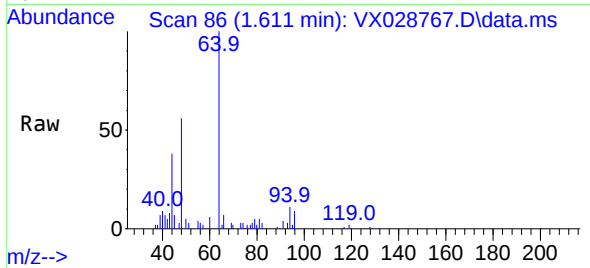




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

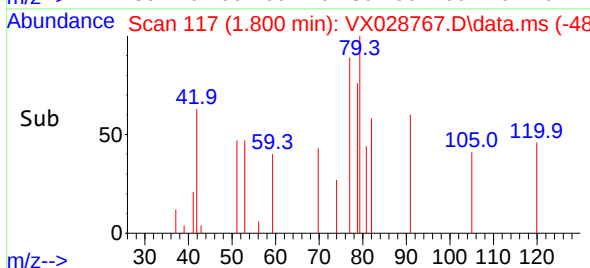
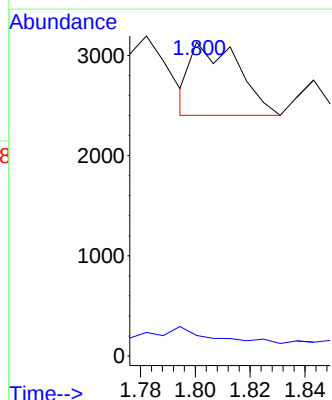
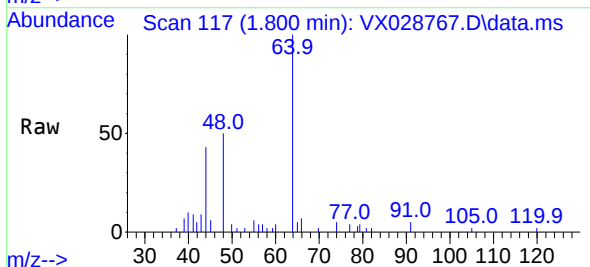
Instrument :
MSVOA_X
ClientSampleId :
31804

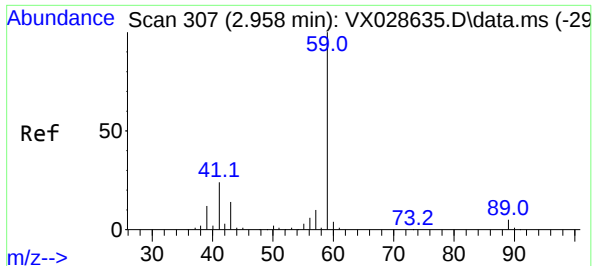
Tgt Ion: 94 Resp: 798
Ion Ratio Lower Upper
94 100
96 84.6 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.800 min Scan# 117
Delta R.T. 0.122 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

Tgt Ion: 64 Resp: 875
Ion Ratio Lower Upper
64 100
66 11.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 0.603 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.001 min

Lab File: VX028767.D

Acq: 17 May 2022 18:52

Instrument :

MSVOA_X

ClientSampleId :

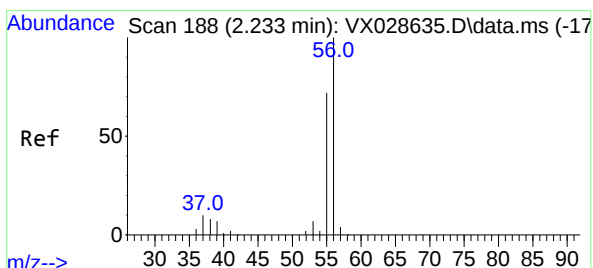
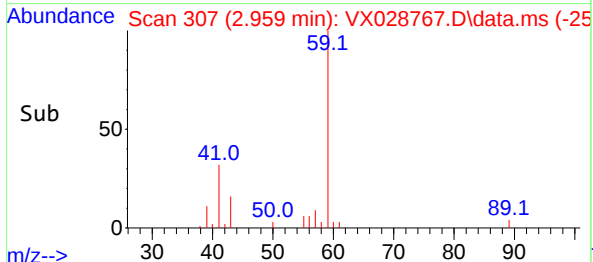
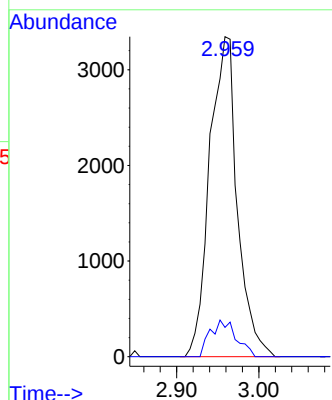
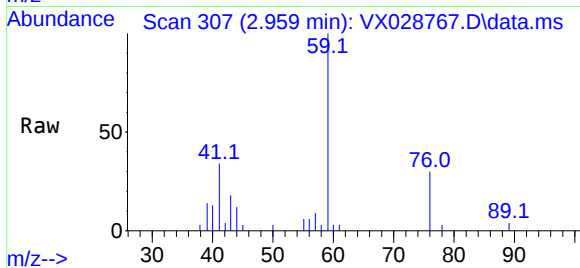
31804

Tgt Ion: 59 Resp: 7820

Ion Ratio Lower Upper

59 100

57 10.7 8.3 12.5



#13

Acrolein

Concen: 0.357 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX028767.D

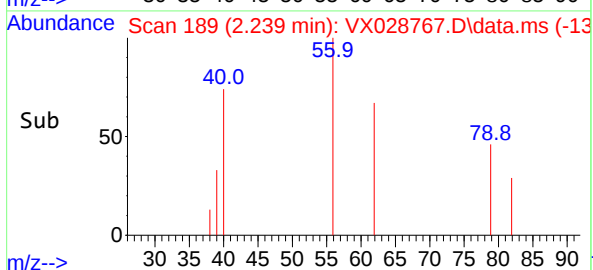
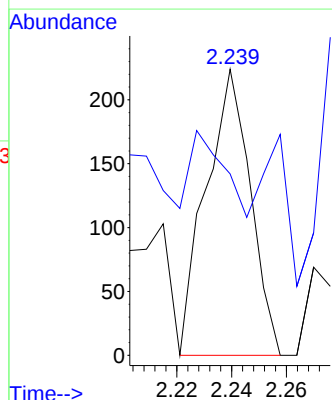
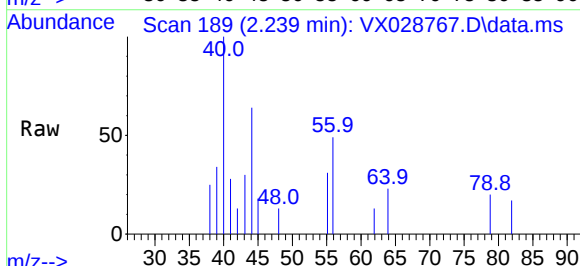
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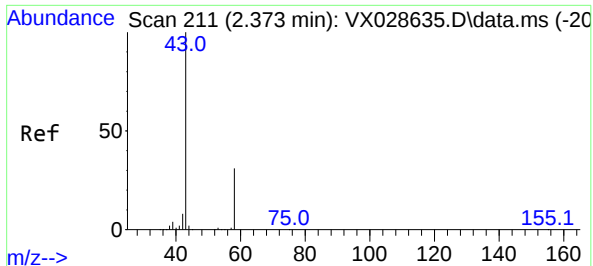
Tgt Ion: 56 Resp: 252

Ion Ratio Lower Upper

56 100

55 22.6 55.0 82.6#

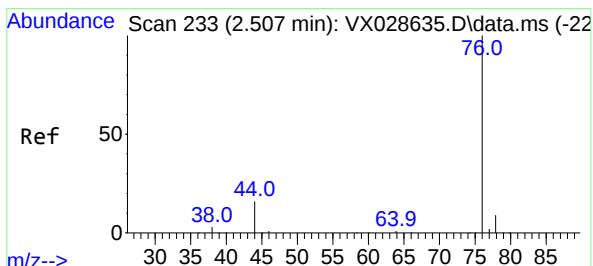
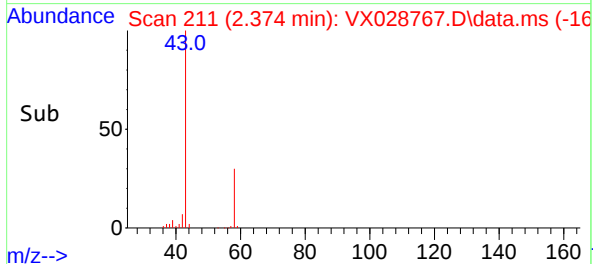
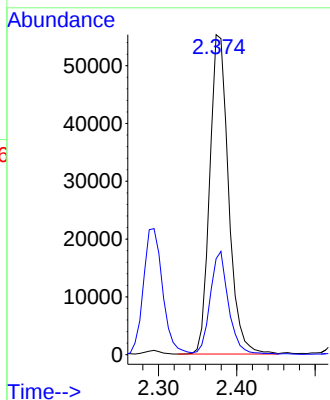
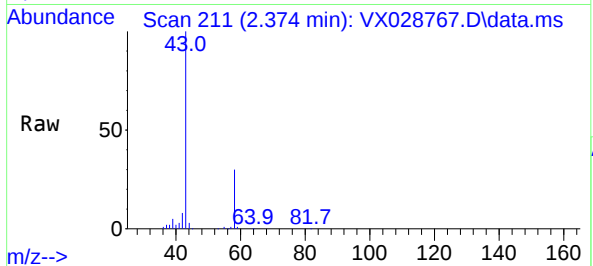




#16
Acetone
Concen: 49.969 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

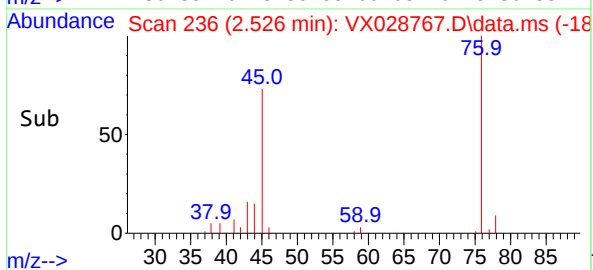
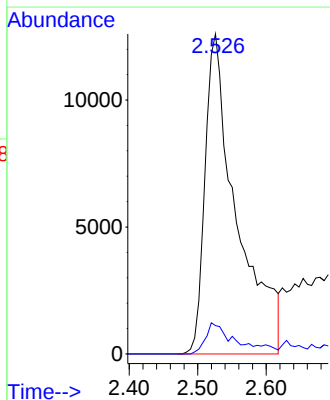
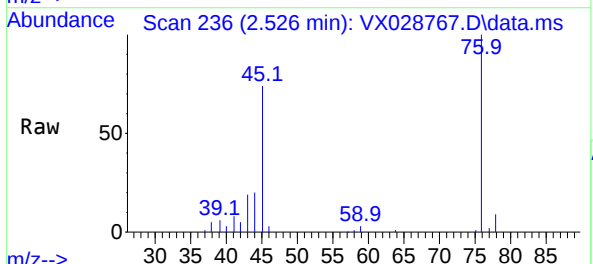
Instrument :
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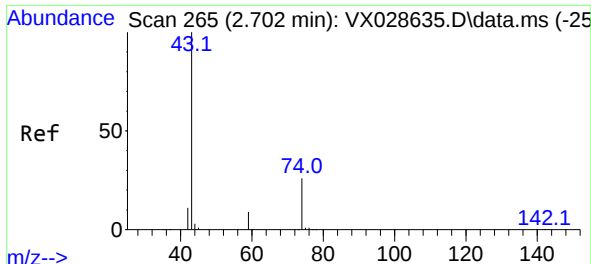
Tgt Ion: 43 Resp: 92288
Ion Ratio Lower Upper
43 100
58 29.9 28.8 43.2



#17
Carbon Disulfide
Concen: 4.808 ug/l
RT: 2.526 min Scan# 236
Delta R.T. 0.019 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

Tgt Ion: 76 Resp: 40492
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

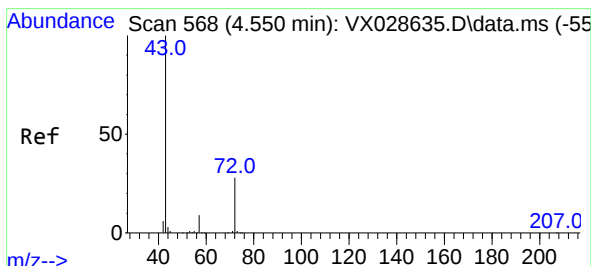
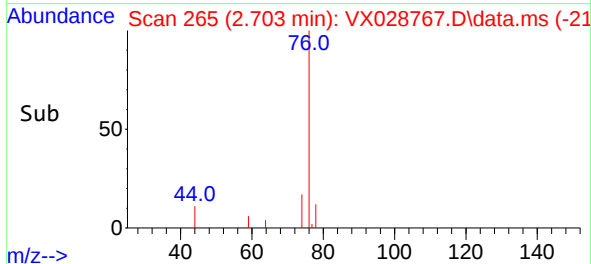
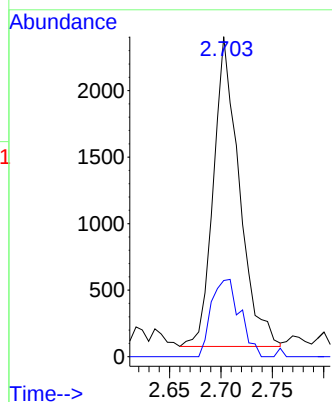
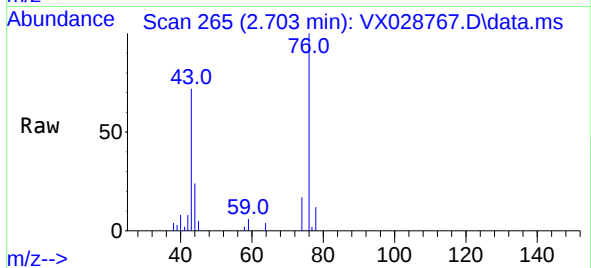




#18
Methyl Acetate
Concen: 0.880 ug/l
RT: 2.703 min Scan# 2072
Delta R.T. 0.001 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

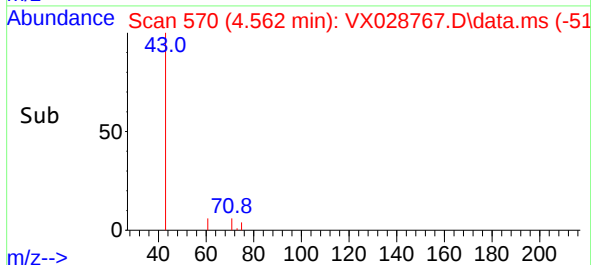
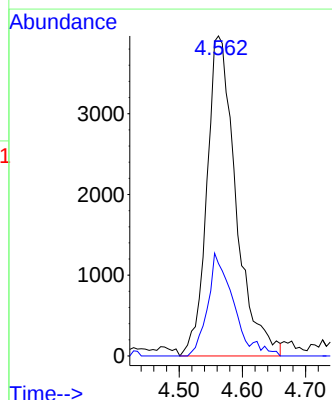
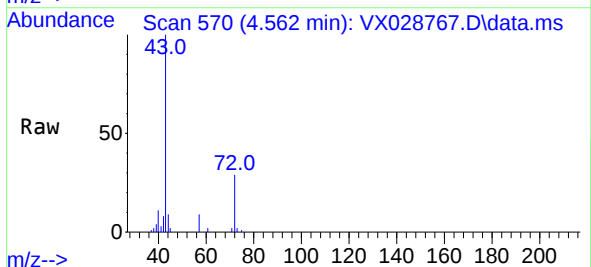
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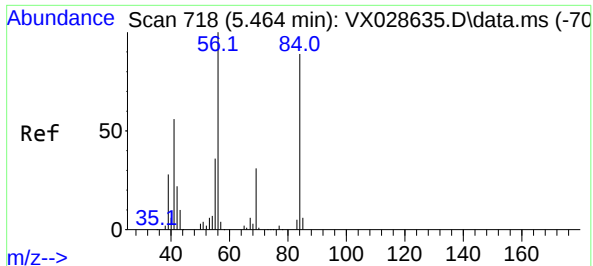
Tgt Ion: 43 Resp: 4072
Ion Ratio Lower Upper
43 100
74 27.6 22.8 34.2



#25
2-Butanone
Concen: 4.373 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

Tgt Ion: 43 Resp: 12678
Ion Ratio Lower Upper
43 100
72 28.9 24.4 36.6

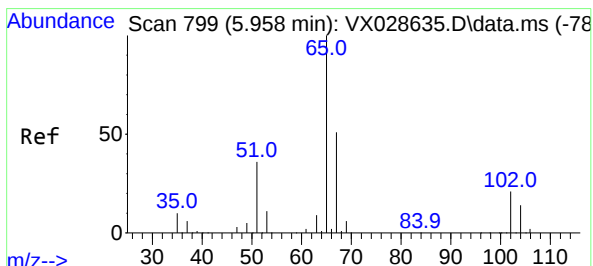
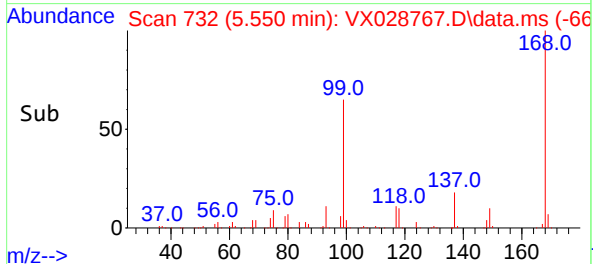
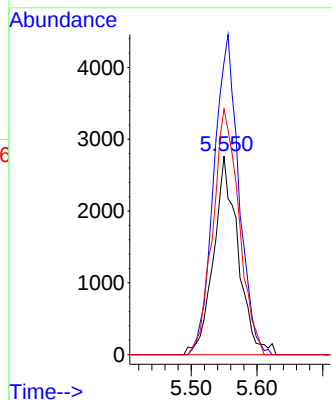
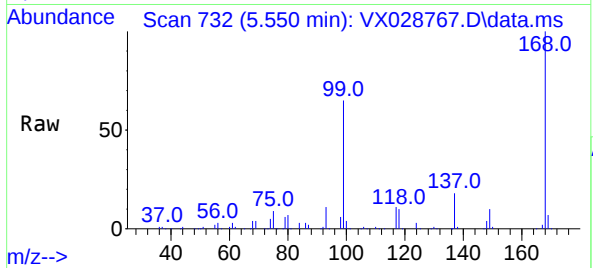




#31
Cyclohexane
Concen: 1.199 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

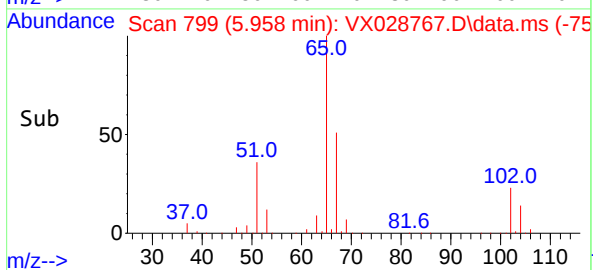
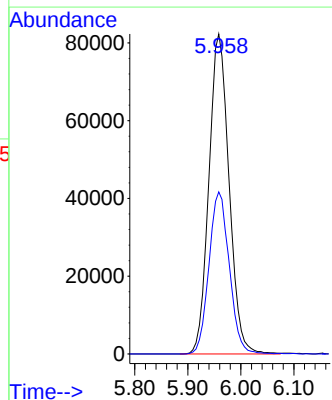
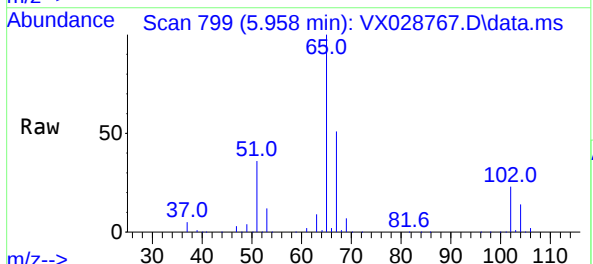
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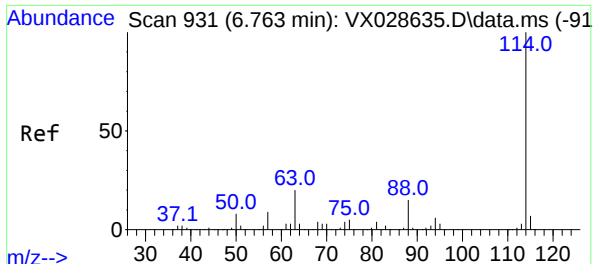
Tgt Ion: 56 Resp: 7160
Ion Ratio Lower Upper
56 100
69 147.3 26.7 40.1#
84 123.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 50.479 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

Tgt Ion: 65 Resp: 217230
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.4

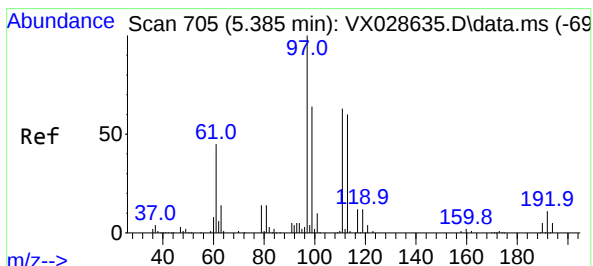
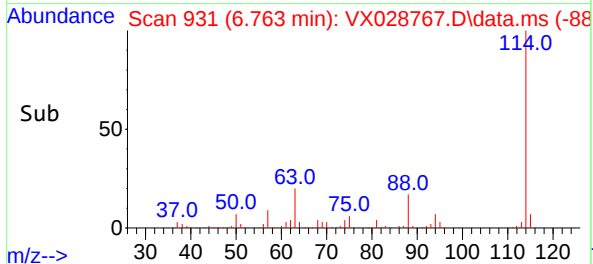
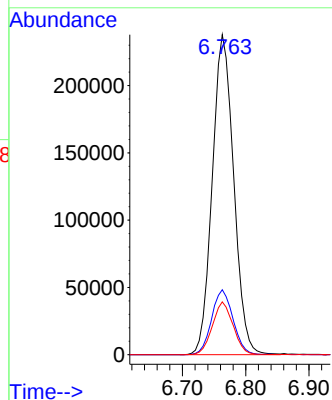
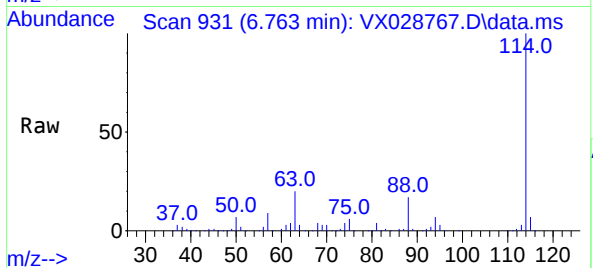




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

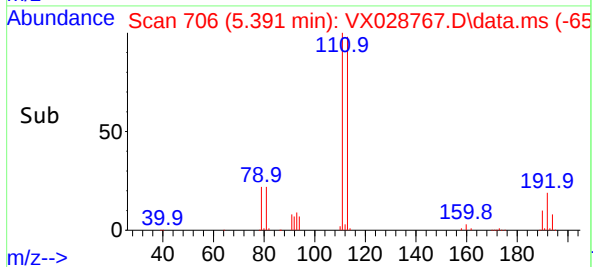
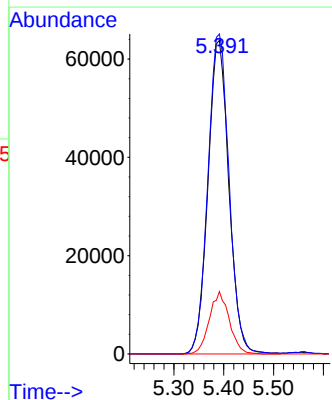
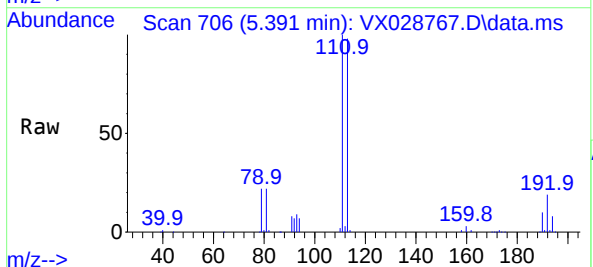
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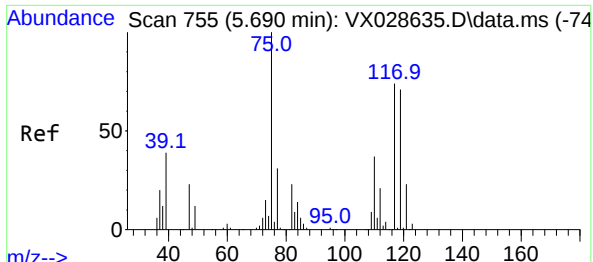
Tgt Ion:114 Resp: 559684
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.702 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

Tgt Ion:113 Resp: 185922
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 18.9 16.9 25.3

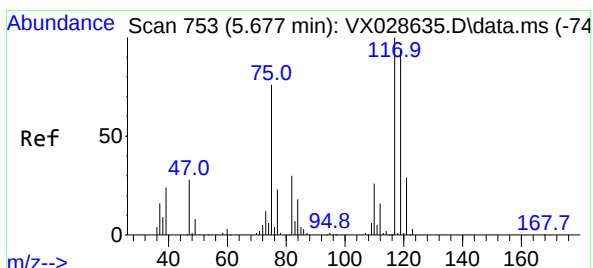
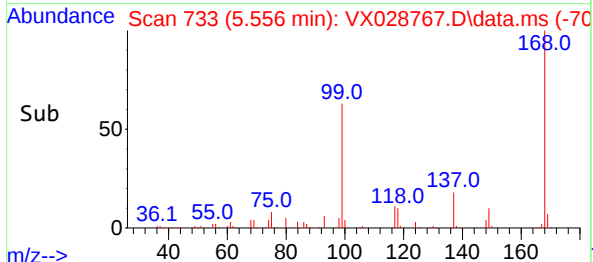
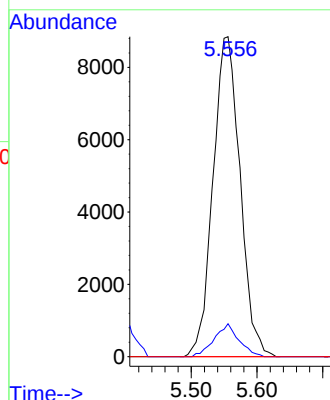
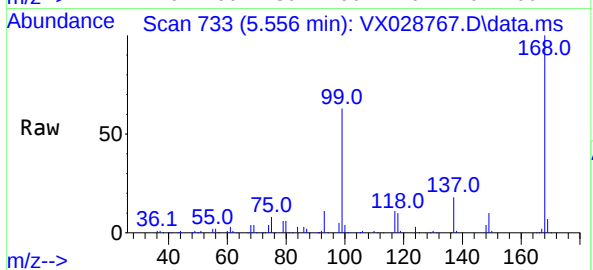




#36
1,1-Dichloropropene
Concen: 4.600 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

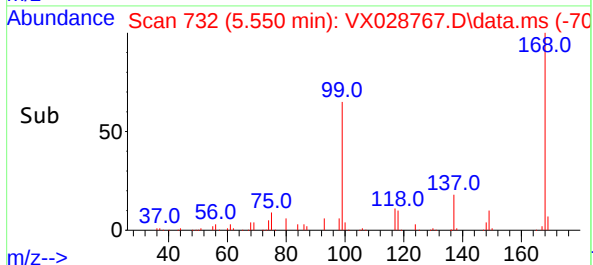
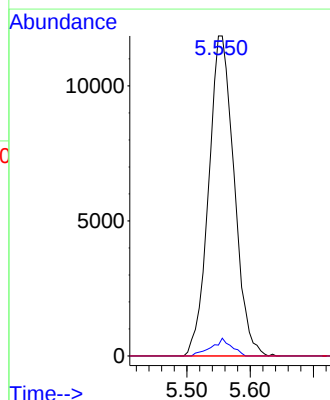
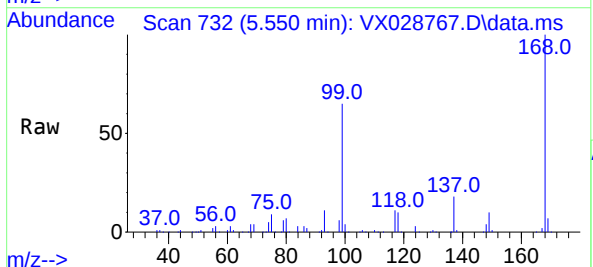
Instrument :
MSVOA_X
ClientSampleId :
31804

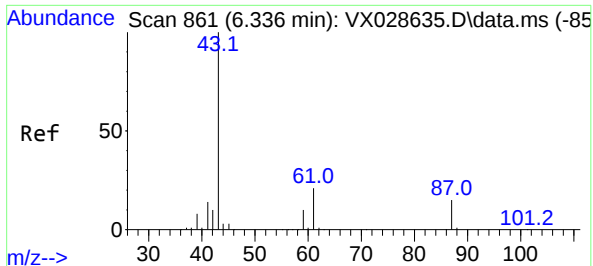
Tgt Ion: 75 Resp: 25336
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.978 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

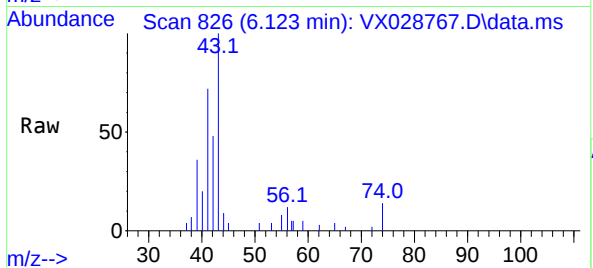
Tgt Ion: 117 Resp: 33136
Ion Ratio Lower Upper
117 100
119 3.4 77.3 115.9#
121 0.0 24.2 36.2#



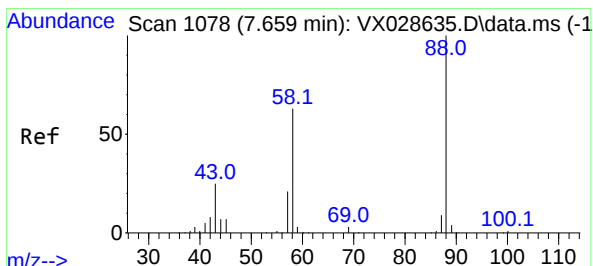
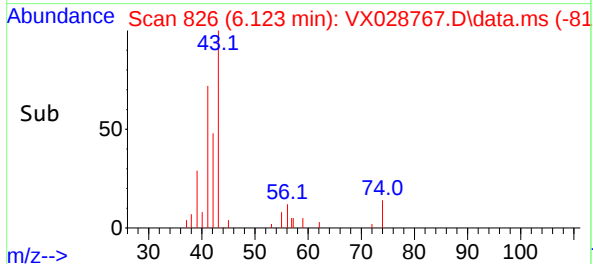
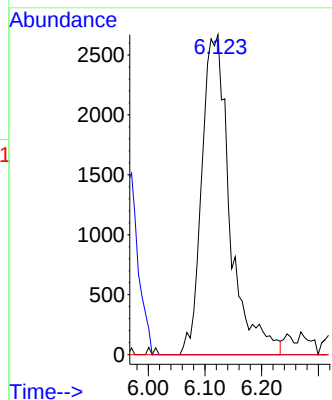


#43
Isopropyl Acetate
Concen: 1.021 ug/l
RT: 6.123 min Scan# 81
Delta R.T. -0.213 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

Instrument :
MSVOA_X
ClientSampleId :
31804

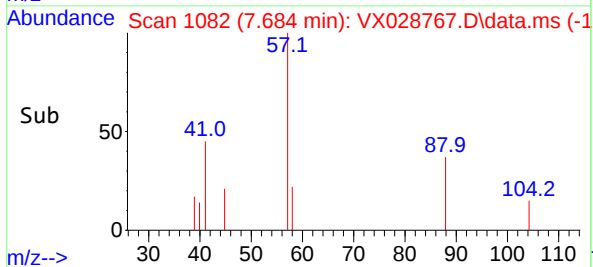
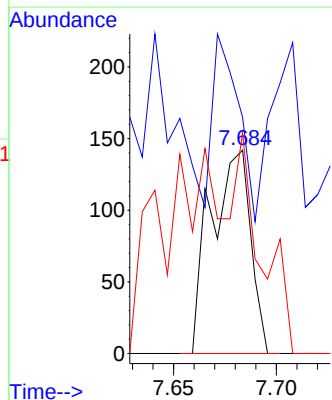
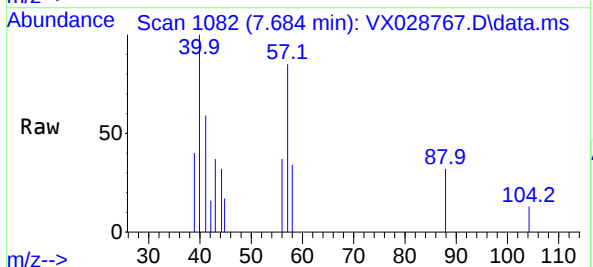


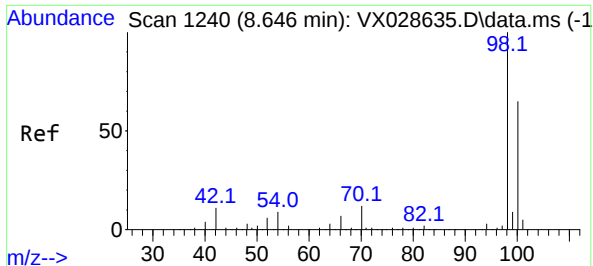
Tgt Ion: 43 Resp: 9191
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#



#49
1,4-Dioxane
Concen: 1.759 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.025 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

Tgt Ion: 88 Resp: 191
Ion Ratio Lower Upper
88 100
43 59.2 21.9 32.9#
58 53.4 53.7 80.5#

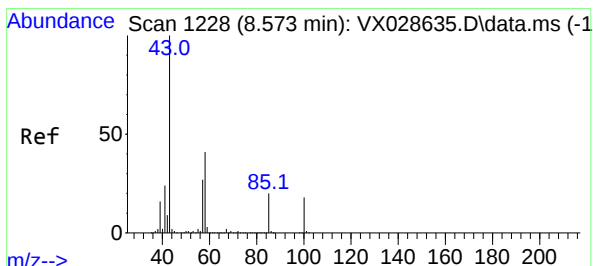
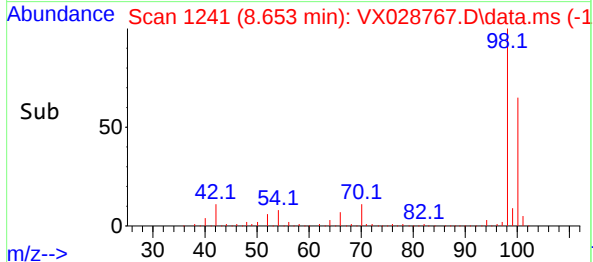
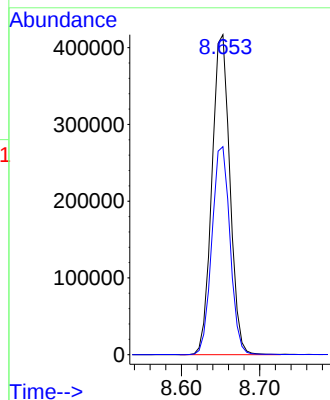
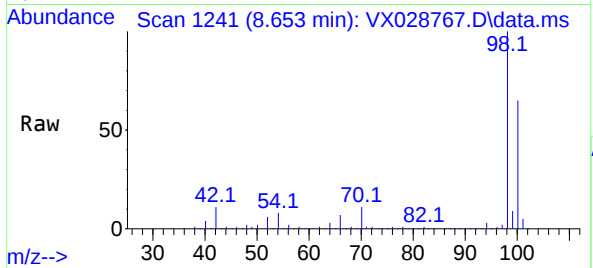




#50
Toluene-d8
Concen: 48.000 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

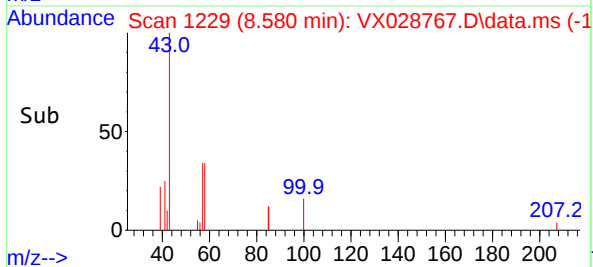
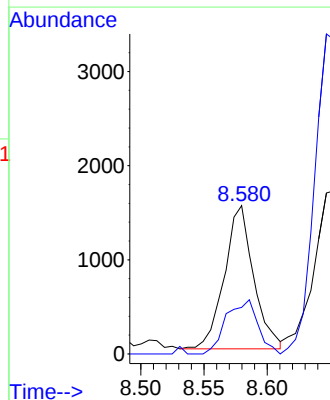
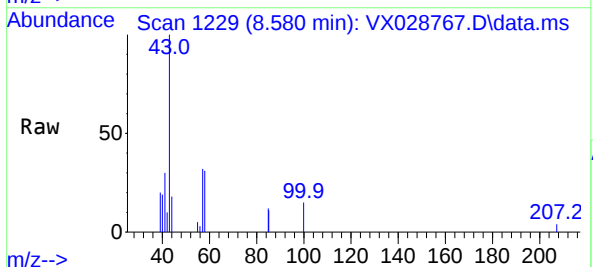
Instrument :
MSVOA_X
ClientSampleId :
31804

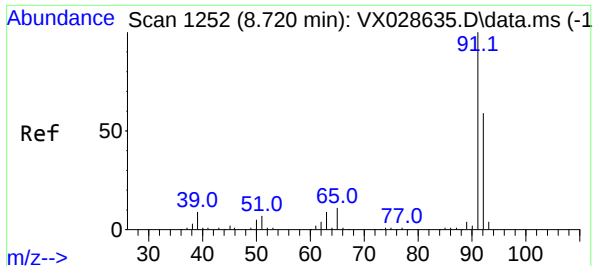
Tgt Ion: 98 Resp: 663607
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.413 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

Tgt Ion: 43 Resp: 2448
Ion Ratio Lower Upper
43 100
58 40.7 36.1 54.1

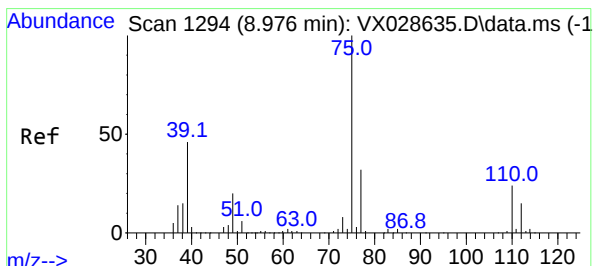
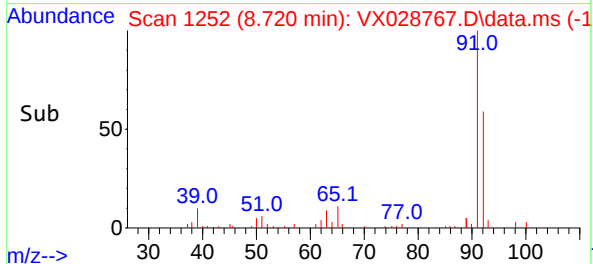
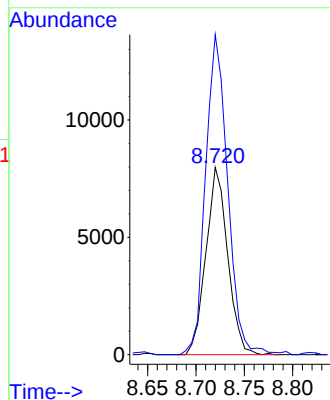
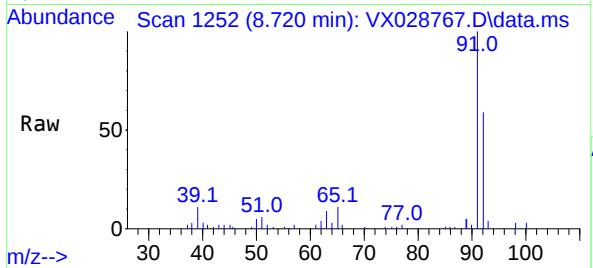




#52
Toluene
Concen: 1.229 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

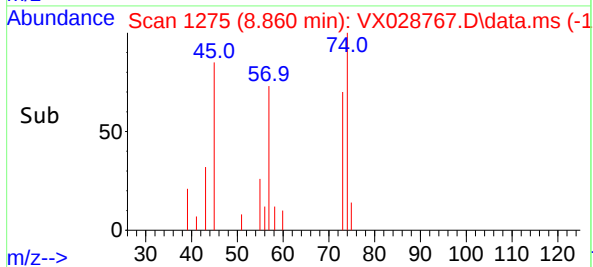
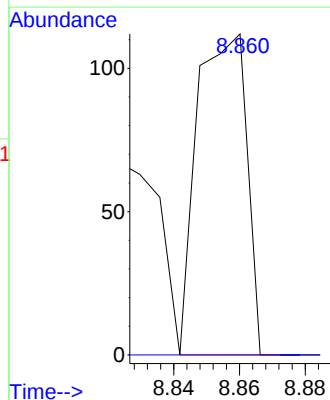
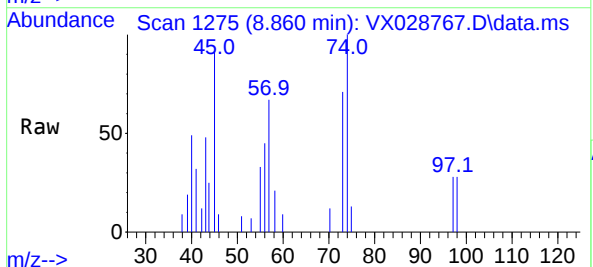
Instrument :
MSVOA_X
ClientSampleId :
31804

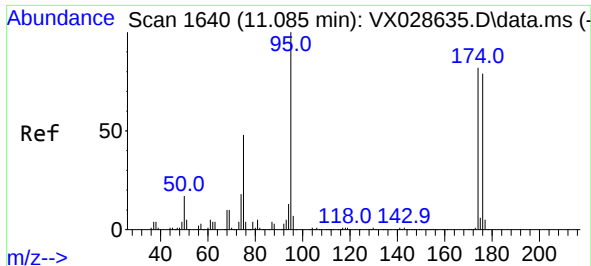
Tgt Ion: 92 Resp: 12510
Ion Ratio Lower Upper
92 100
91 173.8 137.5 206.3



#53
t-1,3-Dichloropropene
Concen: 1.659 ug/l
RT: 8.860 min Scan# 1275
Delta R.T. -0.116 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

Tgt Ion: 75 Resp: 116
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

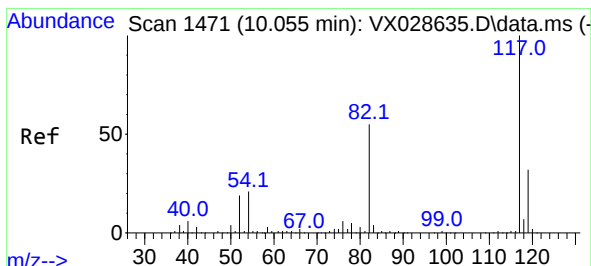
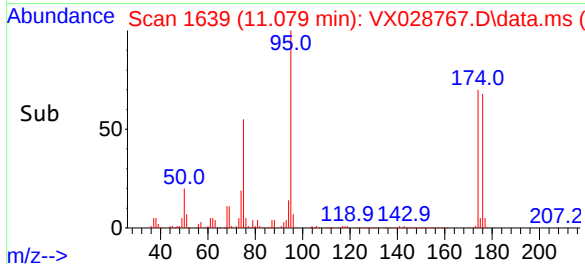
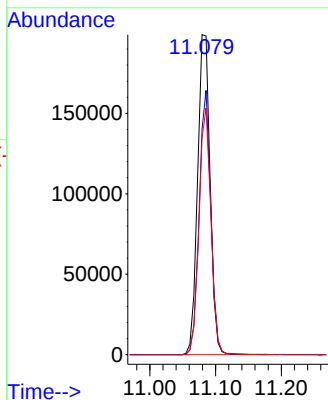
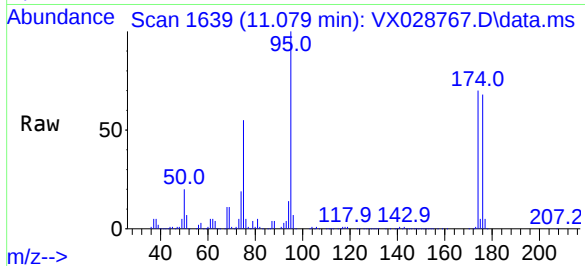




#62
4-Bromofluorobenzene
Concen: 50.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

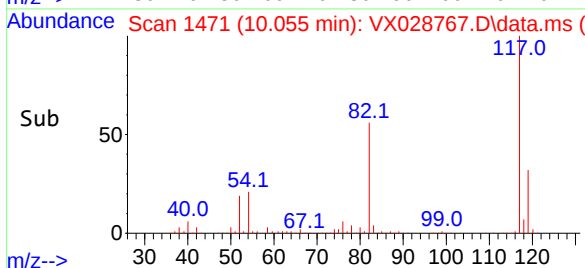
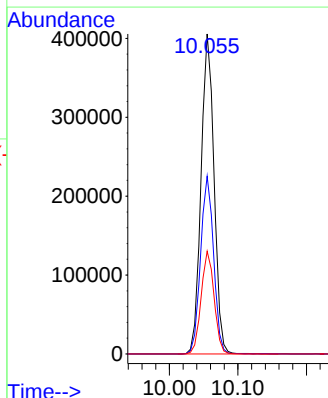
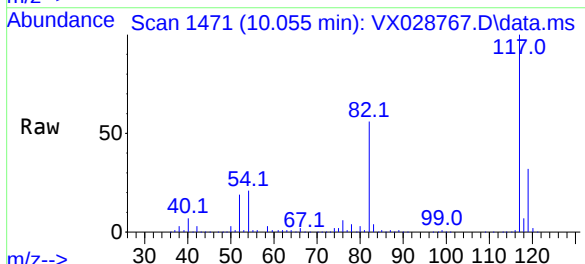
Instrument :
MSVOA_X
ClientSampleId :
31804

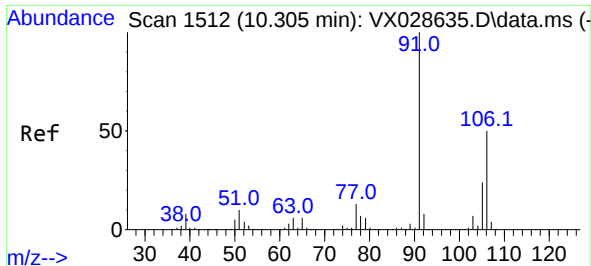
Tgt Ion: 95 Resp: 262749
Ion Ratio Lower Upper
95 100
174 76.6 0.0 163.0
176 73.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

Tgt Ion: 117 Resp: 536166
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 32.1 24.8 37.2

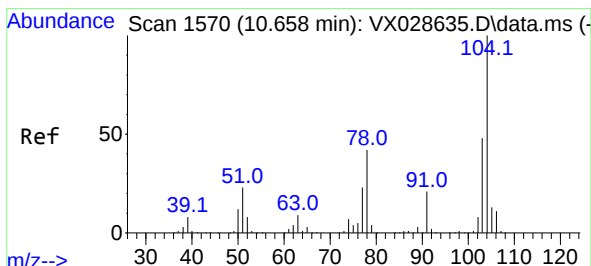
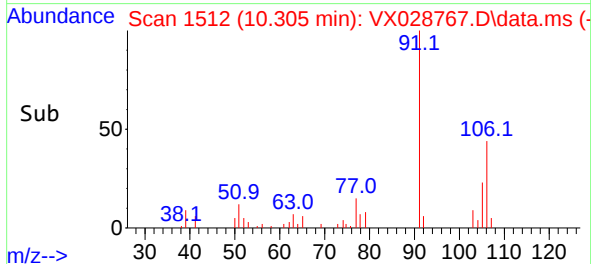
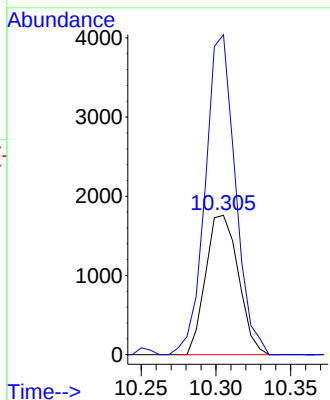
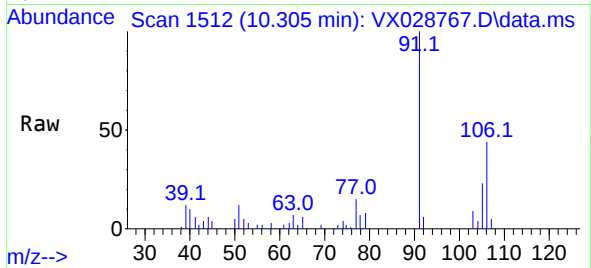




#68
m/p-Xylenes
Concen: 0.338 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

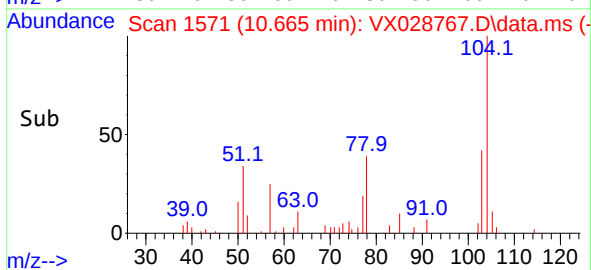
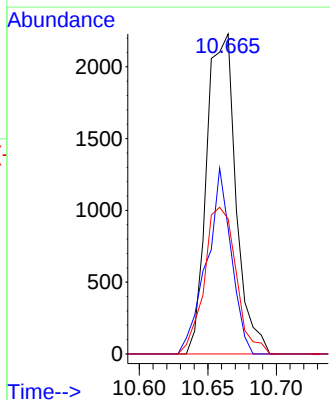
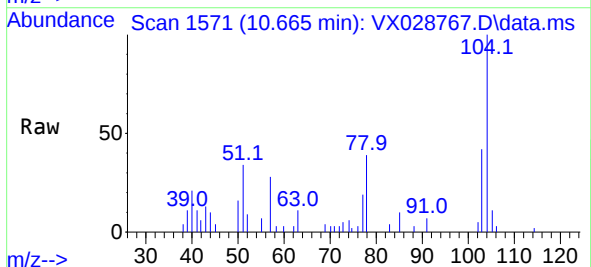
Instrument :
MSVOA_X
ClientSampleId :
31804

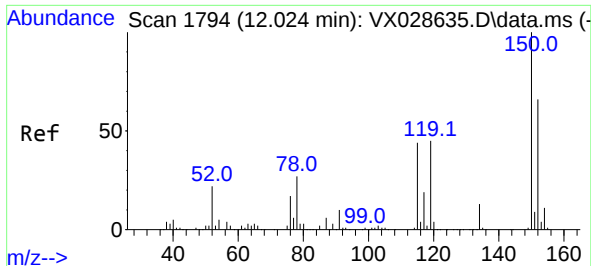
Tgt Ion:106 Resp: 2680
Ion Ratio Lower Upper
106 100
91 211.3 160.4 240.6



#70
Styrene
Concen: 0.260 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.007 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

Tgt Ion:104 Resp: 3298
Ion Ratio Lower Upper
104 100
78 48.8 38.6 57.8
103 50.1 43.8 65.8

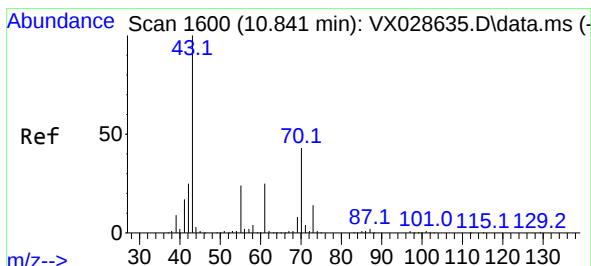
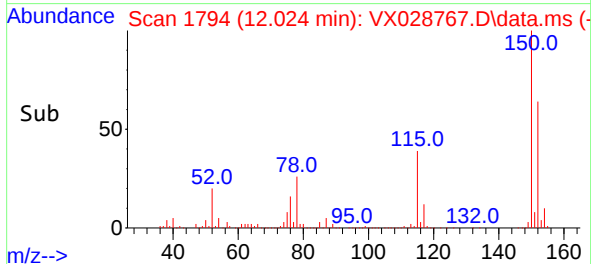
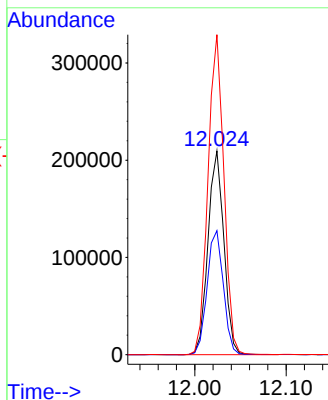
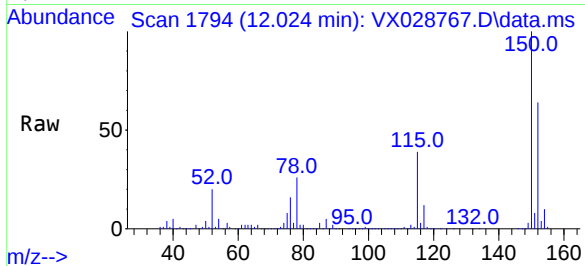




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

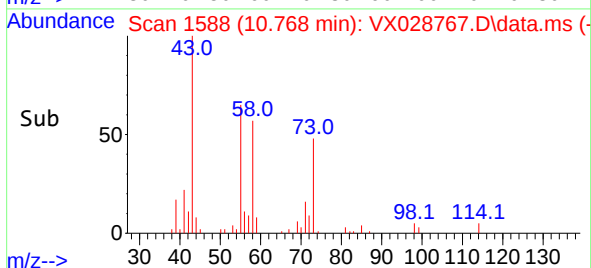
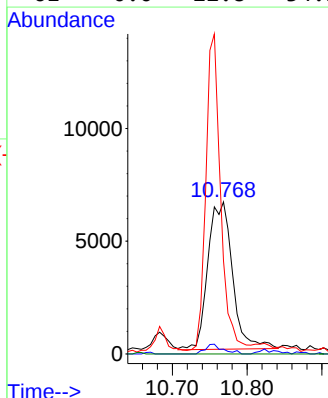
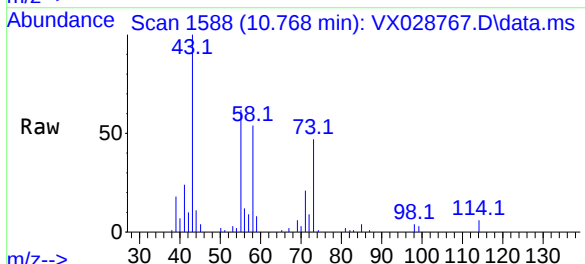
Instrument :
MSVOA_X
ClientSampleId :
31804

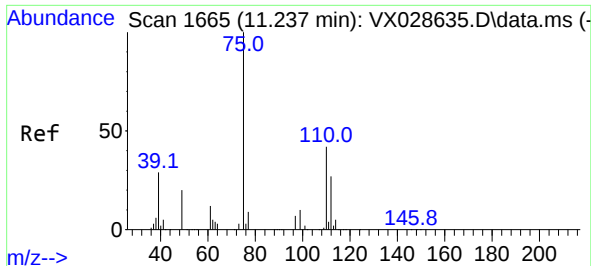
Tgt Ion:152 Resp: 252586
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 157.0 0.0 338.2



#74
N-ethyl acetate
Concen: 1.996 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.073 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

Tgt Ion: 43 Resp: 15027
Ion Ratio Lower Upper
43 100
70 4.7 42.5 63.7#
55 128.1 23.1 34.7#
61 0.0 22.8 34.2#

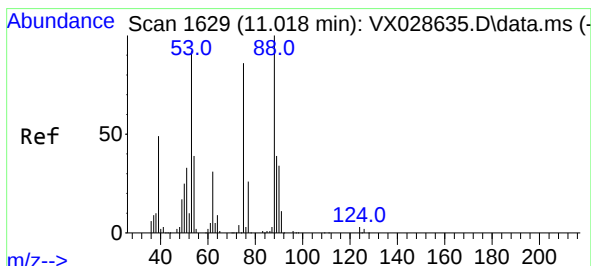
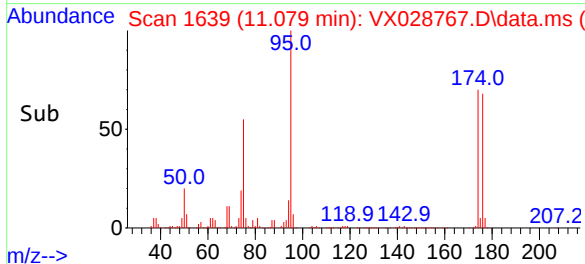
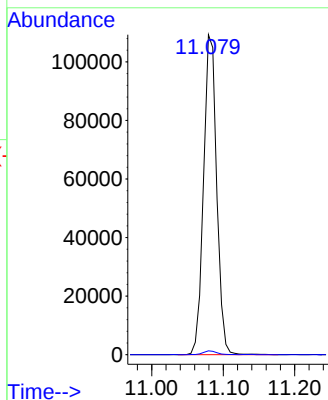
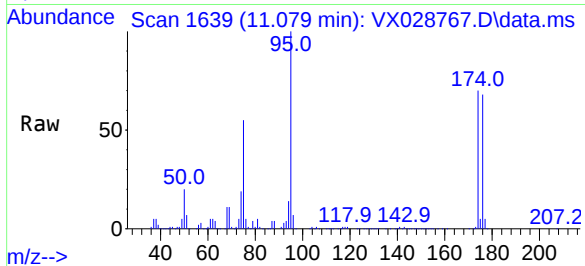




#76
1,2,3-Trichloropropane
Concen: 23.578 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

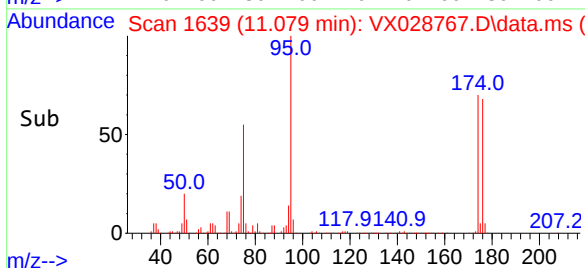
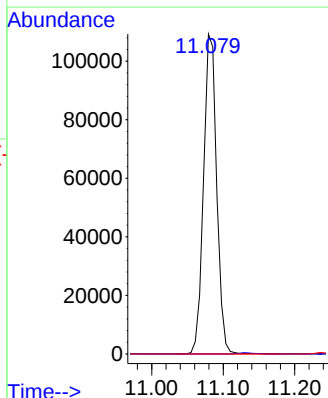
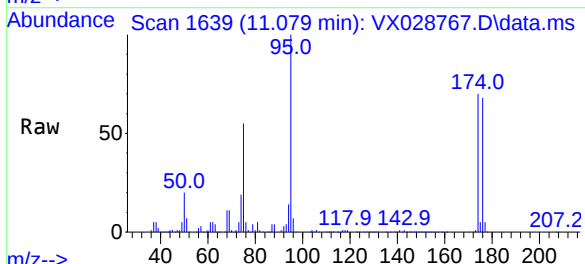
Instrument :
MSVOA_X
ClientSampleId :
31804

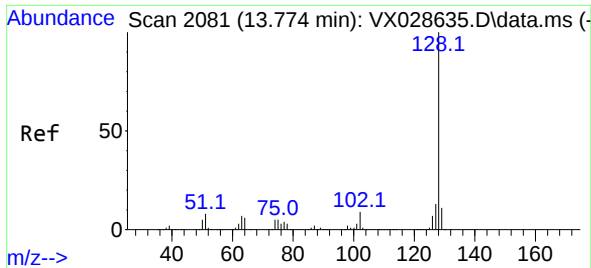
Tgt Ion: 75 Resp: 139470
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.764 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

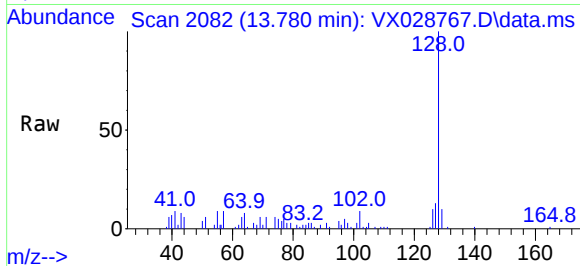
Tgt Ion: 75 Resp: 139470
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#95
Naphthalene
Concen: 0.497 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028767.D
Acq: 17 May 2022 18:52

Instrument :
MSVOA_X
ClientSampleId :
31804



Tgt Ion:	128	Resp:	8923
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	13.0	8.7	13.1

