

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024309.D
 Acq On : 17 Sep 2021 15:10
 Operator : JC/MD
 Sample : M3791-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-01-(2.0)

Quant Time: Sep 17 15:55:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

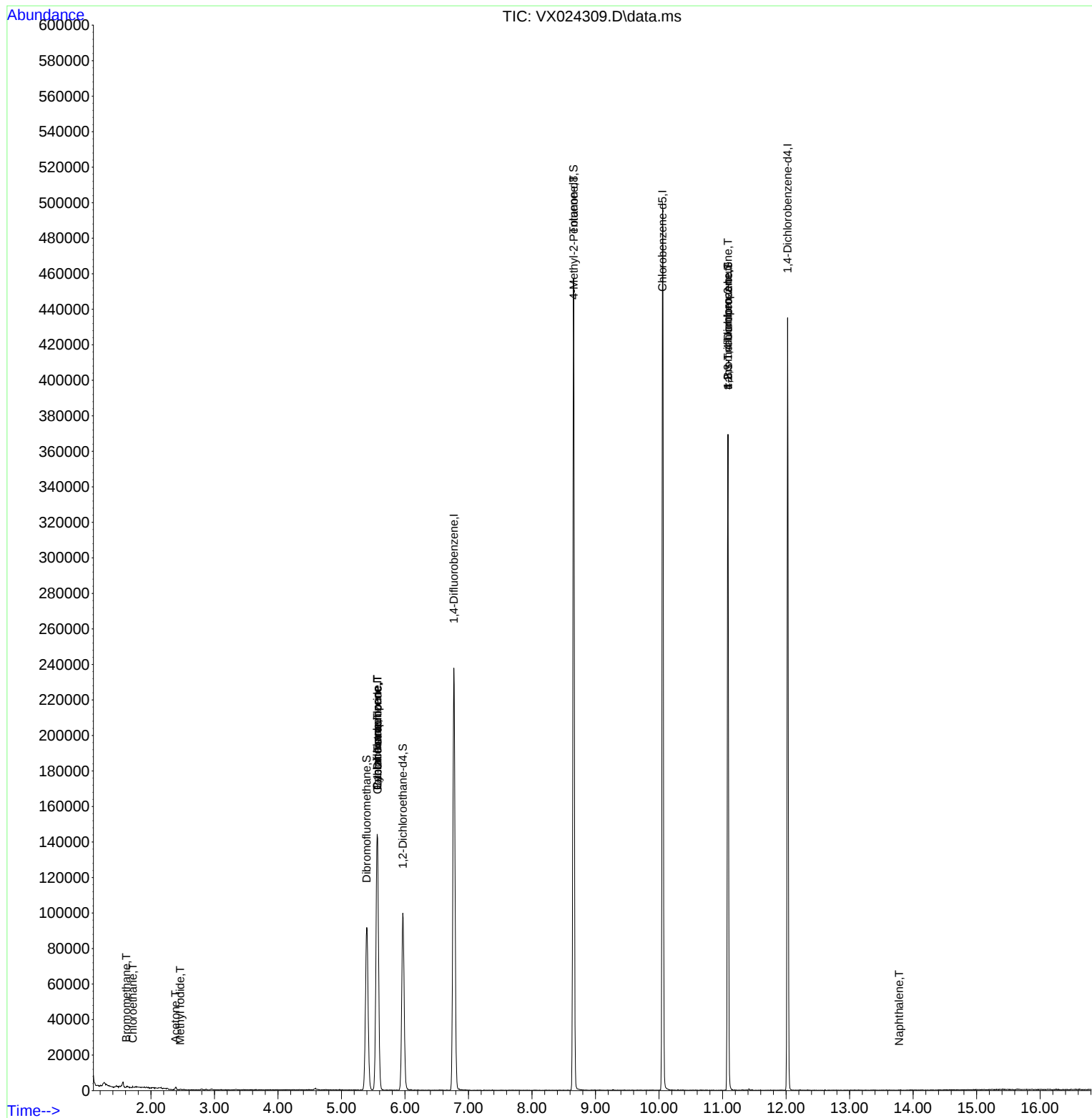
Internal Standards						
1) Pentafluorobenzene	5.562	168	136033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	235510	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101725	52.441	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.880%			
35) Dibromofluoromethane	5.397	113	79873	50.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.140%			
50) Toluene-d8	8.653	98	263551	45.805	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.600%#			
62) 4-Bromofluorobenzene	11.085	95	92607	41.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 82.720%#			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	402	0.497	ug/l #	34
6) Chloroethane	1.715	64	161	2.142	ug/l #	43
10) Methyl Iodide	2.459	142	493	0.266	ug/l #	69
11) Tert butyl alcohol	2.959	59	341	Below Cal	#	73
16) Acetone	2.386	43	1592	1.925	ug/l #	68
31) Cyclohexane	5.562	56	2954	1.302	ug/l #	43
36) 1,1-Dichloropropene	5.562	75	10818	4.996	ug/l #	50
38) Carbon Tetrachloride	5.568	117	14485	5.944	ug/l #	15
51) 4-Methyl-2-Pentanone	8.659	43	1334	0.521	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	51150	25.913	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51150	76.209	ug/l #	12
95) Naphthalene	13.780	128	119	1.306	ug/l #	69

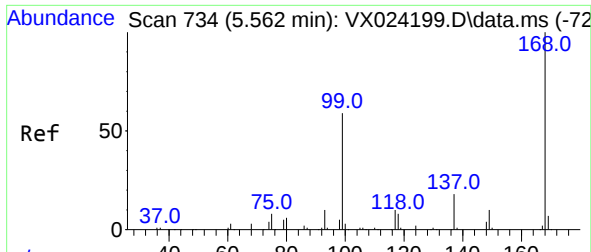
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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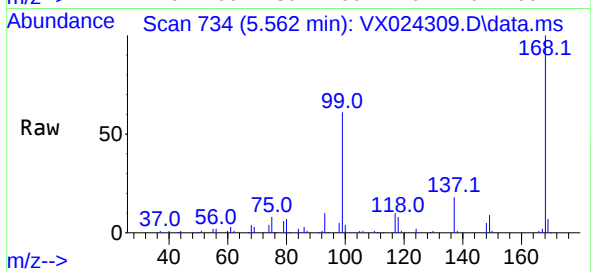
Quant Time: Sep 17 15:55:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 14 12:18:04 2021
Response via : Initial Calibration



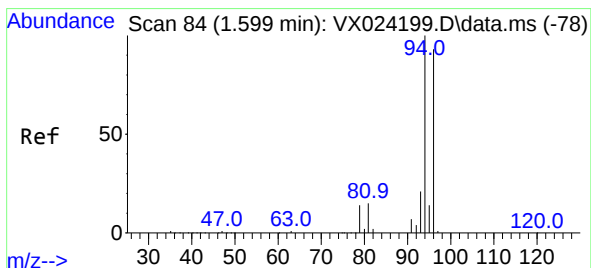
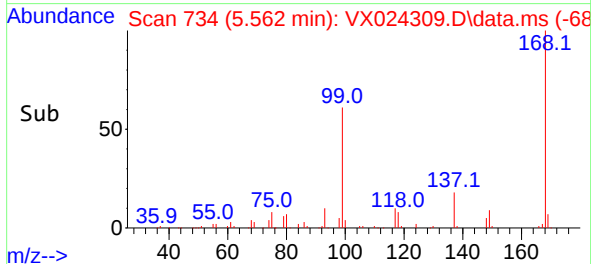
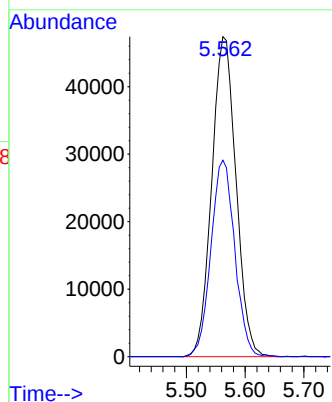


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

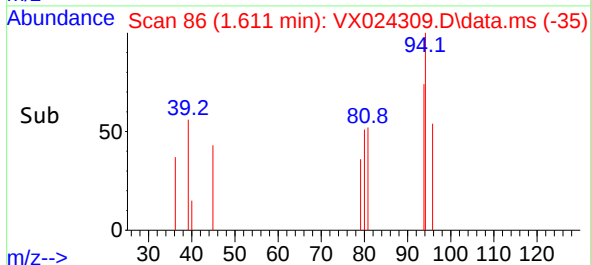
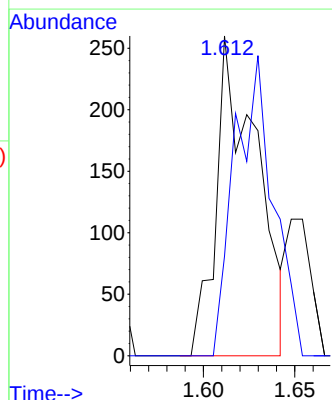
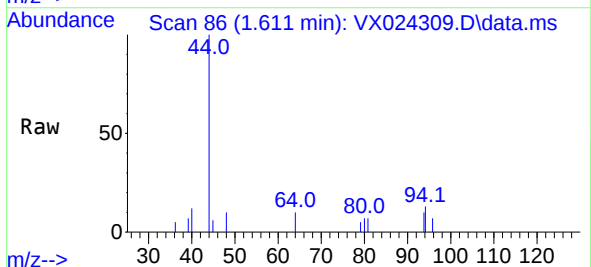


Tgt Ion:168 Resp: 136033
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6

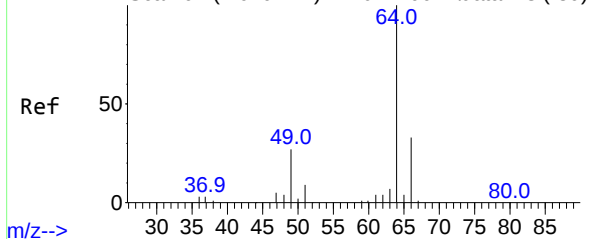


#5
Bromomethane
Concen: 0.497 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

Tgt Ion: 94 Resp: 402
Ion Ratio Lower Upper
94 100
96 31.2 76.4 114.6#



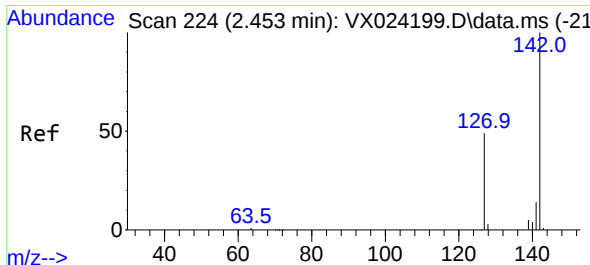
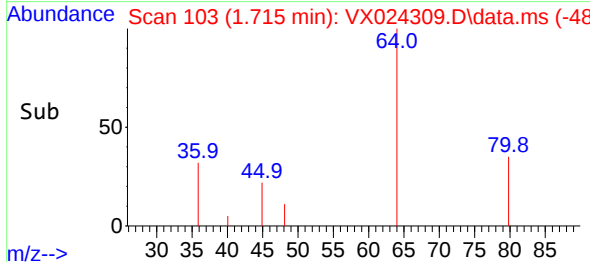
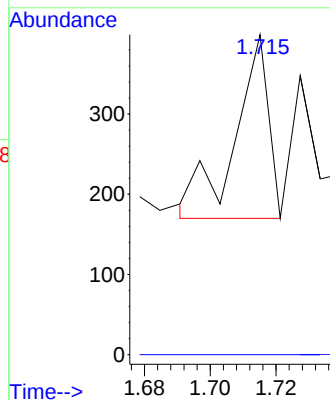
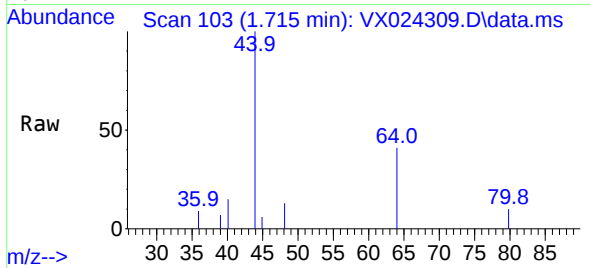
Abundance Scan 97 (1.679 min): VX024199.D\data.ms (-89)



#6
Chloroethane
Concen: 2.142 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.036 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

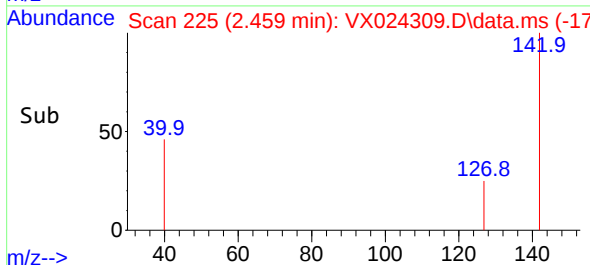
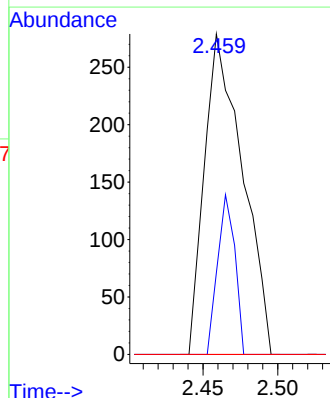
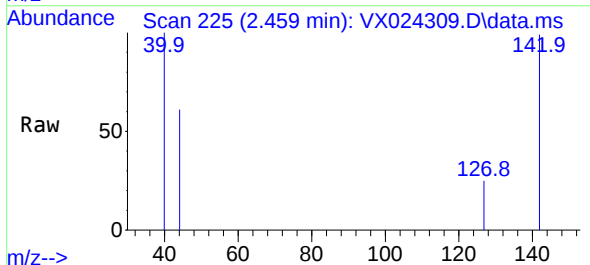
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

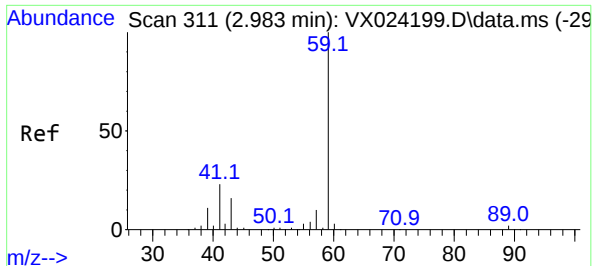
Tgt Ion: 64 Resp: 161
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.266 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

Tgt Ion: 142 Resp: 493
Ion Ratio Lower Upper
142 100
127 22.7 33.3 49.9#
141 0.0 11.4 17.0#



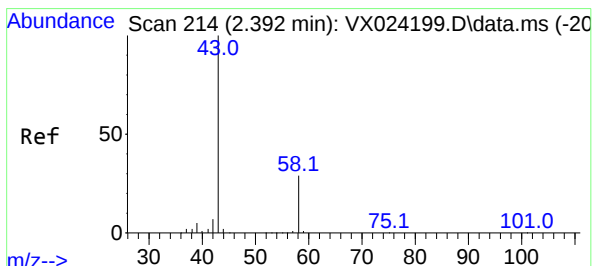
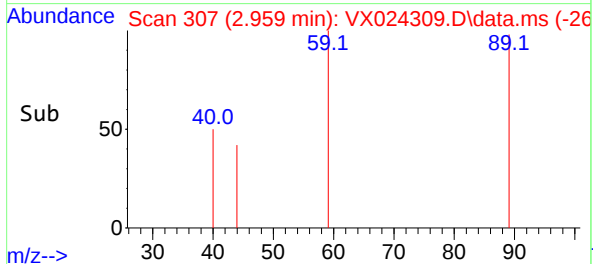
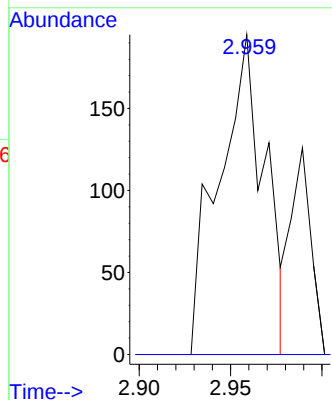
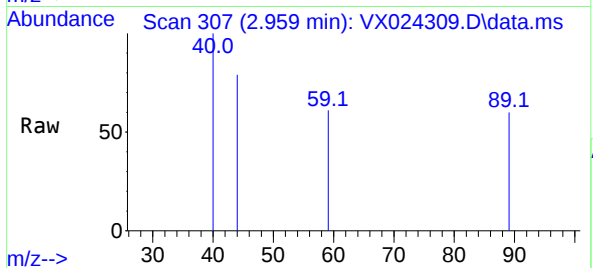


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

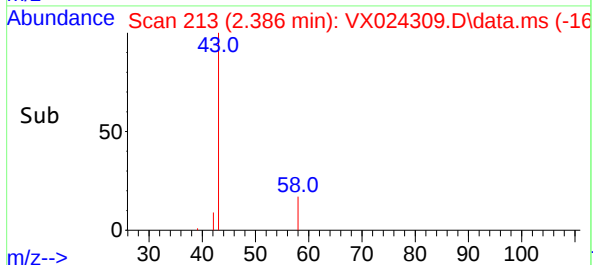
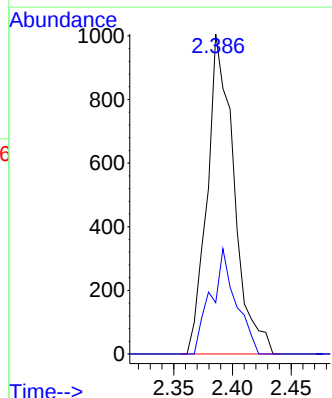
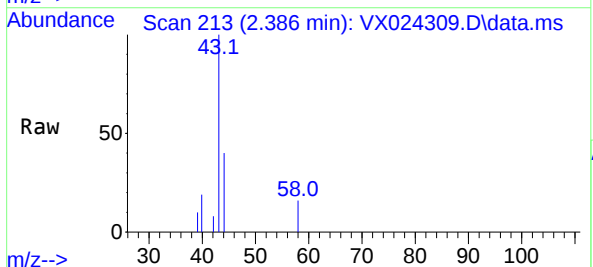
Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

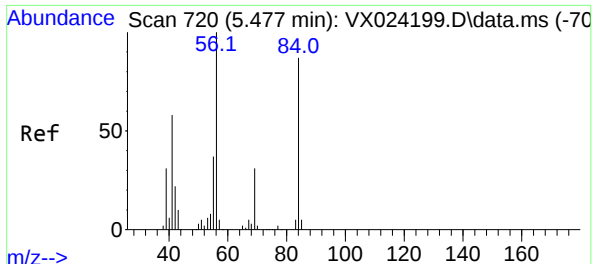


#16

Acetone
Concen: 1.925 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

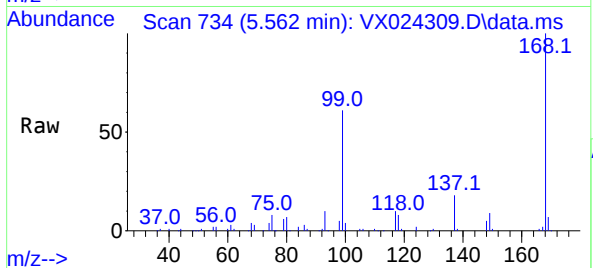
Tgt Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
58 16.0 27.8 41.8#



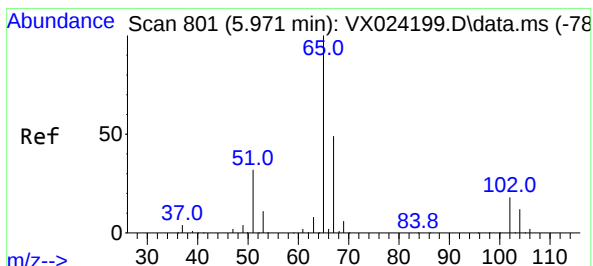
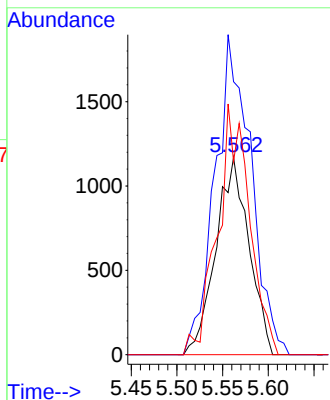
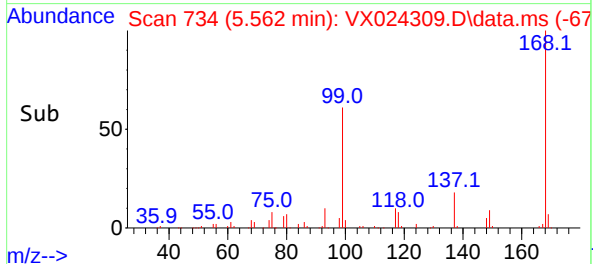


#31
Cyclohexane
Concen: 1.302 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

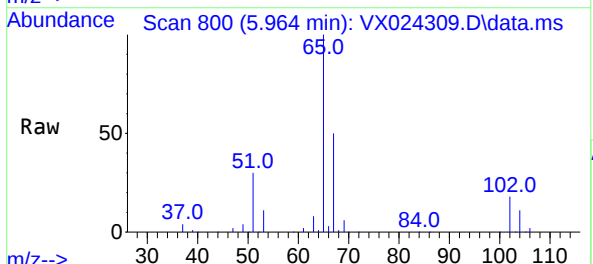
Instrument :
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ClientSampleId :
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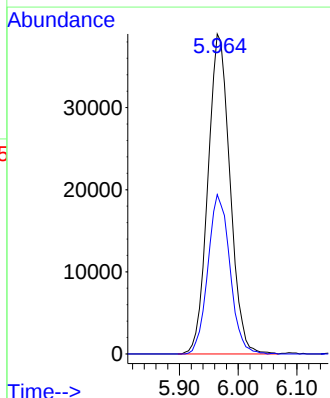
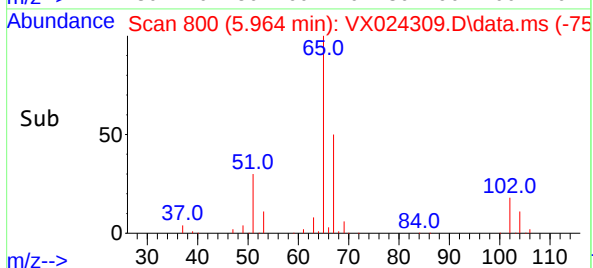
Tgt Ion: 56 Resp: 2954
Ion Ratio Lower Upper
56 100
69 138.3 25.3 37.9#
84 97.9 71.4 107.0

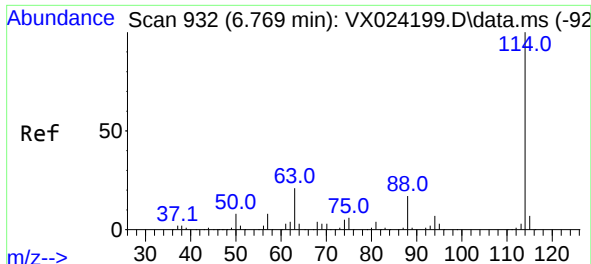


#33
1,2-Dichloroethane-d4
Concen: 52.441 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10



Tgt Ion: 65 Resp: 101725
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

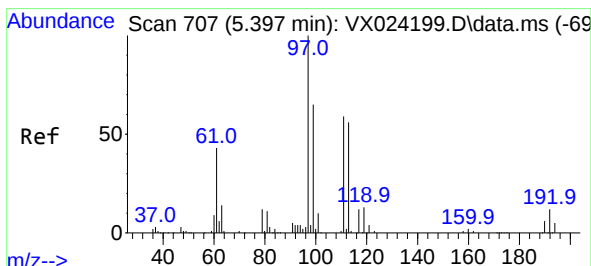
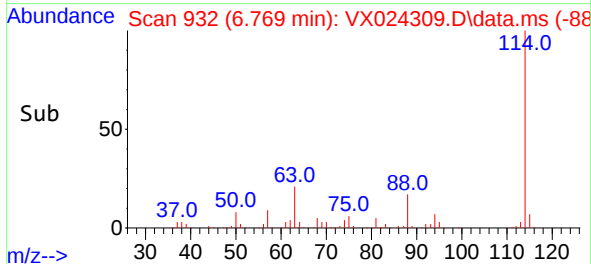
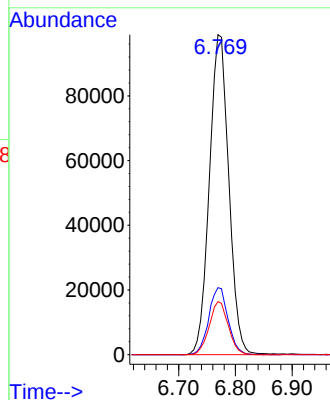
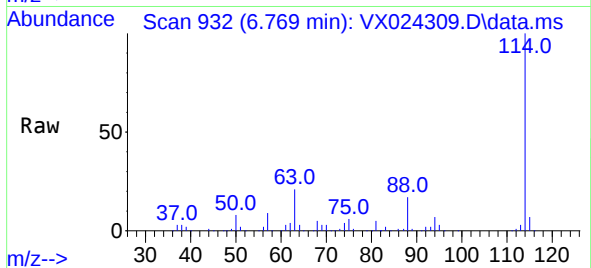




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

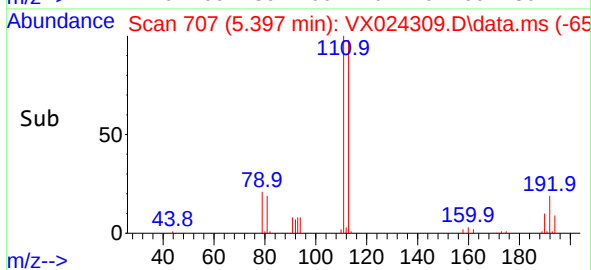
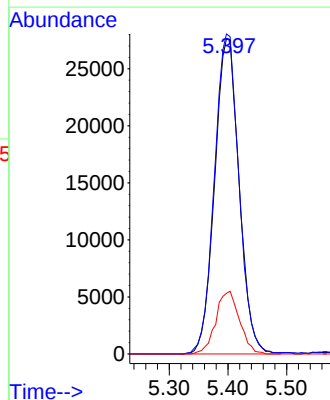
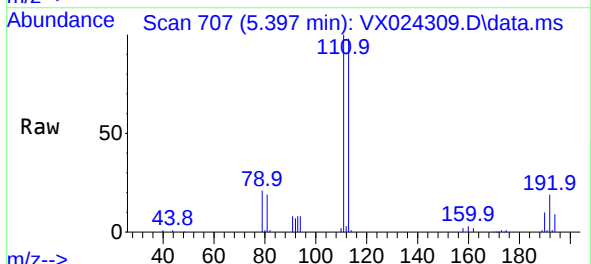
Instrument :
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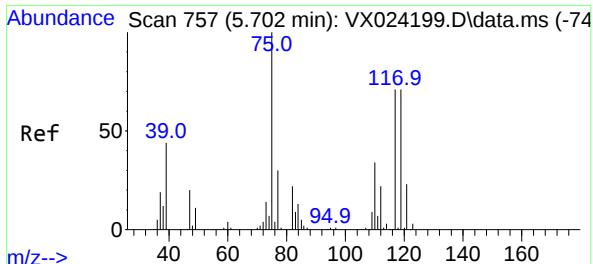
Tgt Ion:114 Resp: 235510
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.571 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

Tgt Ion:113 Resp: 79873
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.3 16.7 25.1

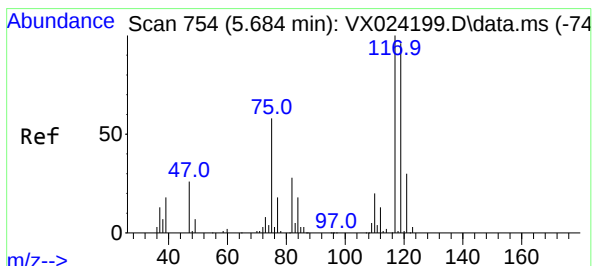
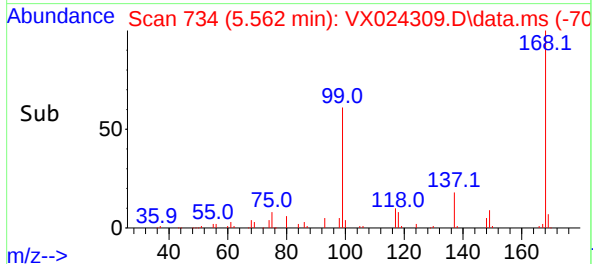
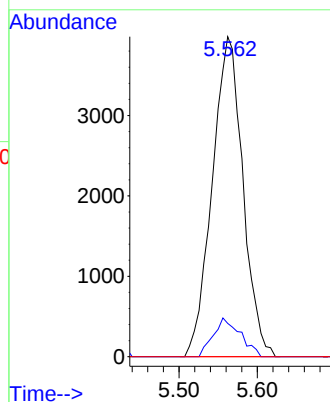
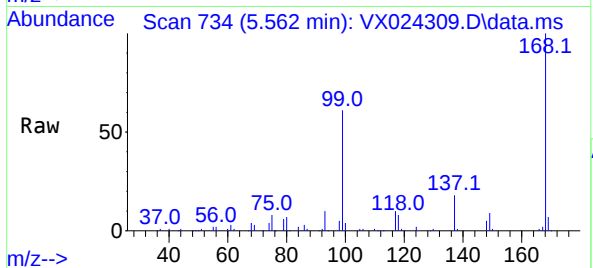




#36
1,1-Dichloropropene
Concen: 4.996 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

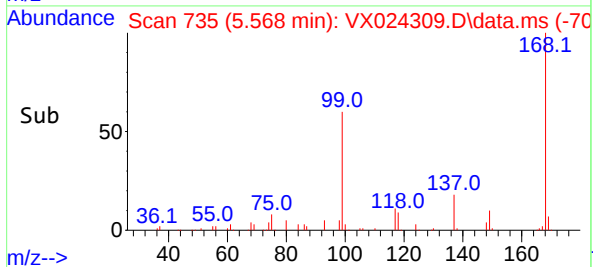
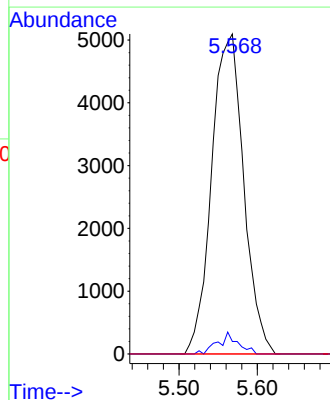
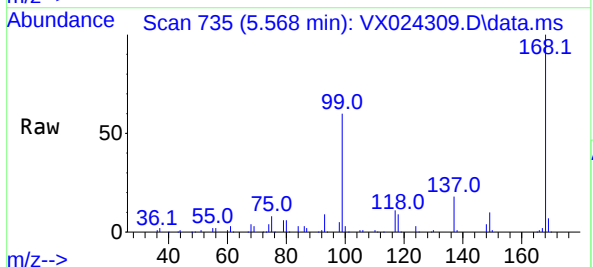
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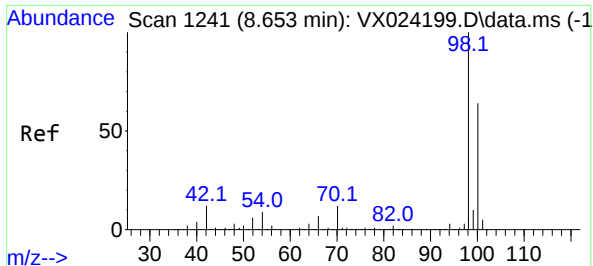
Tgt Ion: 75 Resp: 10818
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.944 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

Tgt Ion: 117 Resp: 14485
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#

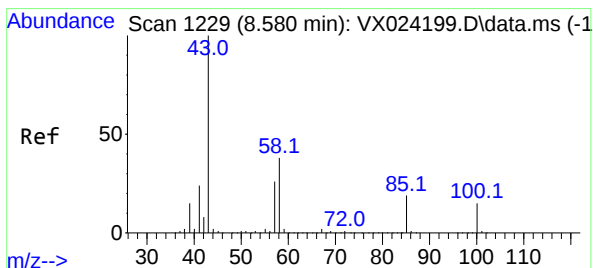
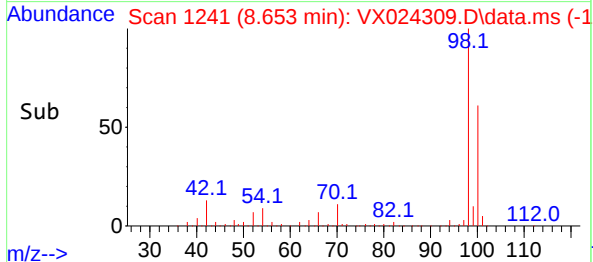
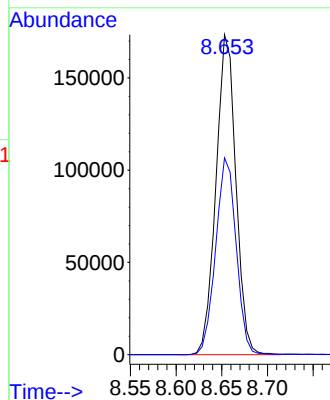
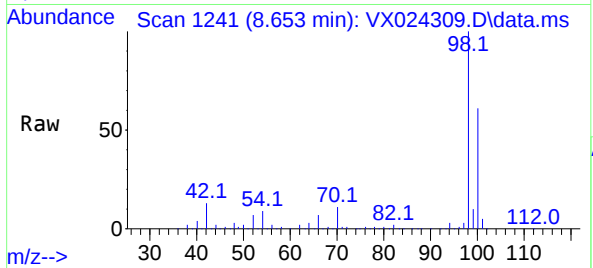




#50
Toluene-d8
Concen: 45.805 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

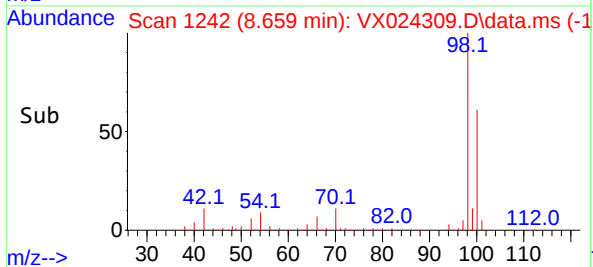
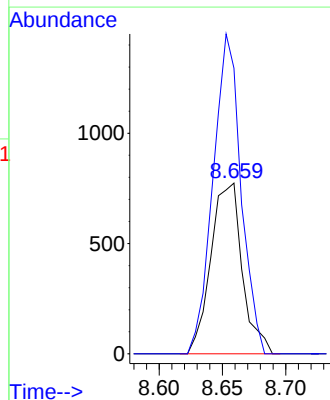
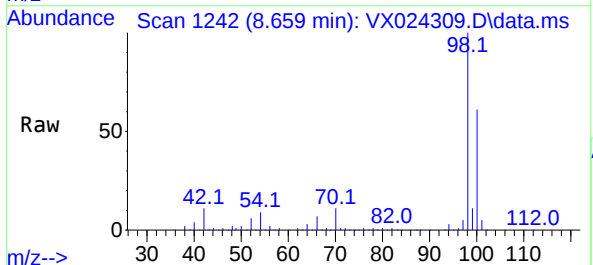
Instrument :
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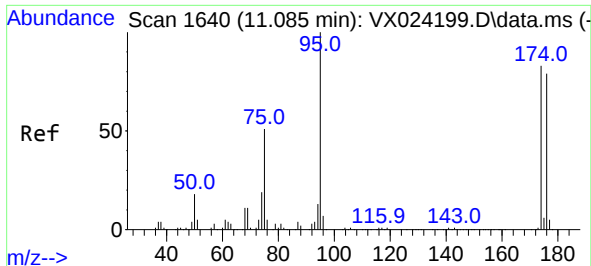
Tgt Ion: 98 Resp: 263551
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

Tgt Ion: 43 Resp: 1334
Ion Ratio Lower Upper
43 100
58 166.9 35.4 53.0%

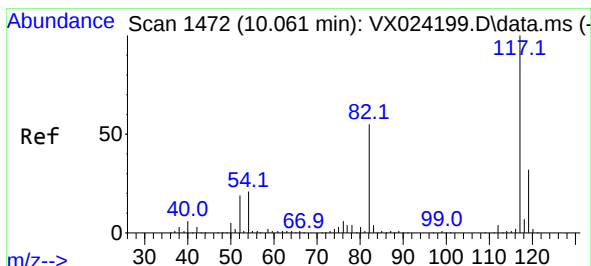
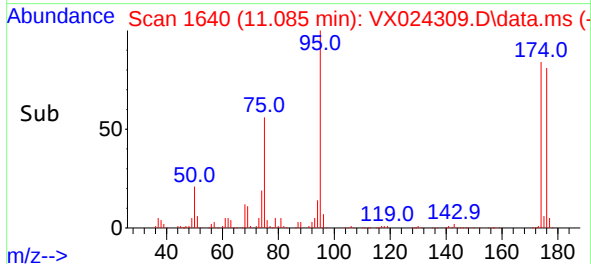
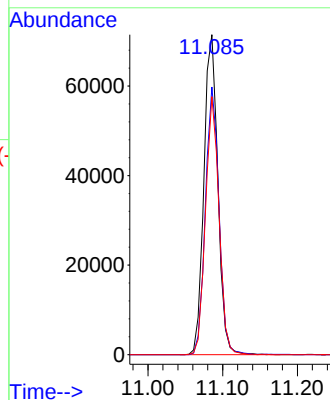
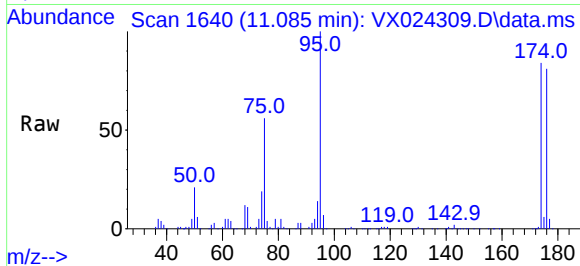




#62
4-Bromofluorobenzene
Concen: 41.358 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

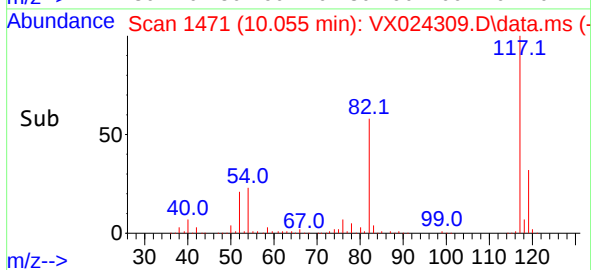
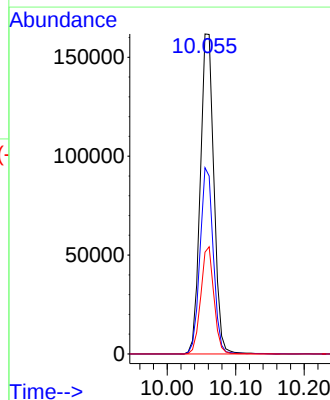
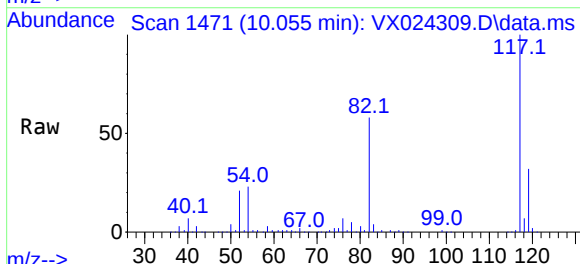
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

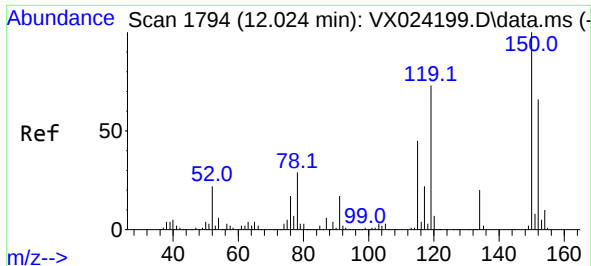
Tgt Ion: 95 Resp: 92607
Ion Ratio Lower Upper
95 100
174 81.5 0.0 154.6
176 78.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

Tgt Ion: 117 Resp: 224262
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 31.8 26.6 39.8

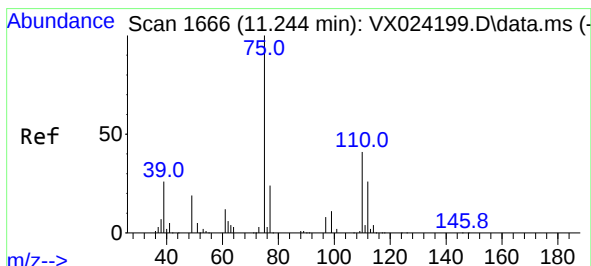
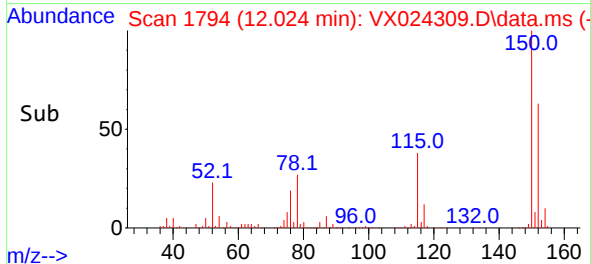
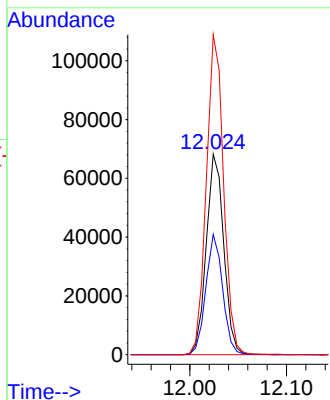
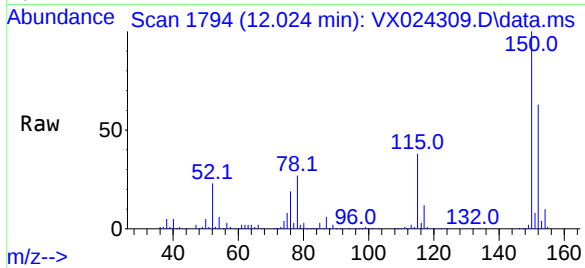




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

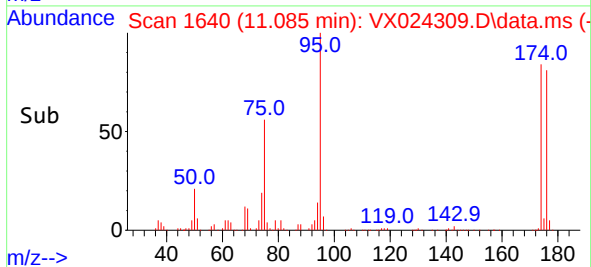
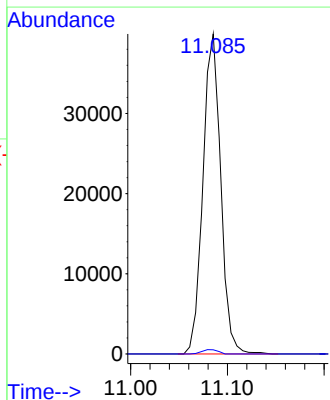
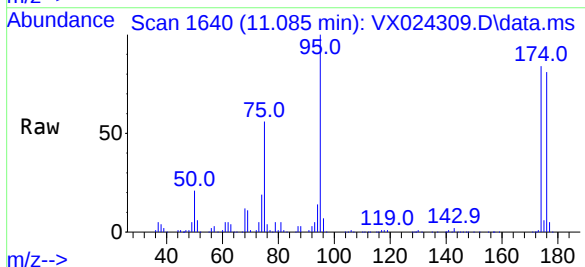
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

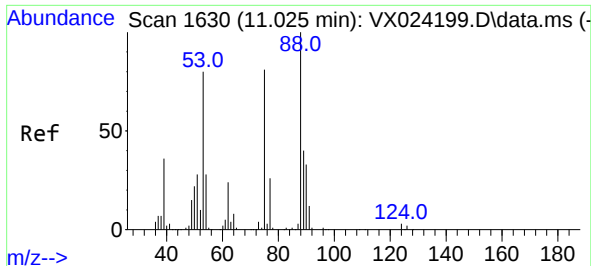
Tgt Ion:152 Resp: 85846
Ion Ratio Lower Upper
152 100
115 58.0 41.1 123.3
150 157.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.913 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

Tgt Ion: 75 Resp: 51150
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

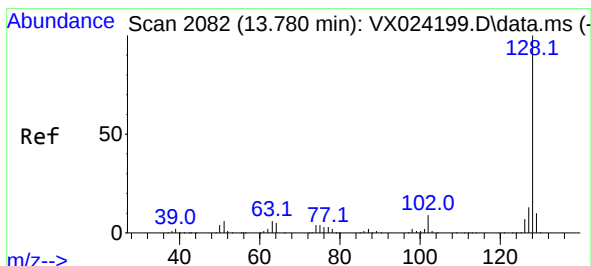
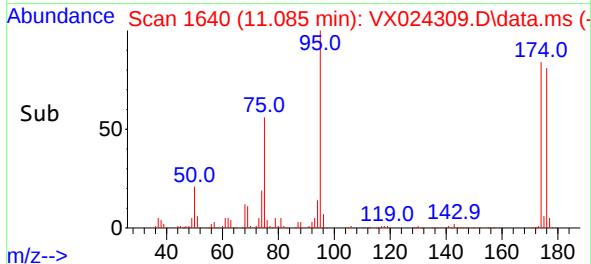
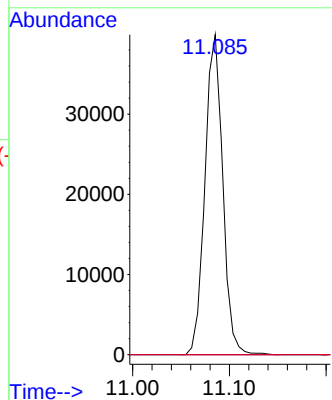
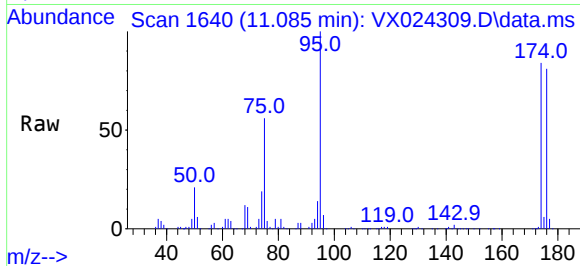




#81
trans-1,4-Dichloro-2-butene
Concen: 76.209 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

Tgt Ion: 75 Resp: 51150
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.306 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024309.D
Acq: 17 Sep 2021 15:10

Tgt Ion:128 Resp: 119
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

