

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091621\
 Data File : VX024296.D
 Acq On : 16 Sep 2021 18:27
 Operator : JC/MD
 Sample : M3774-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Sep 17 04:42:26 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)

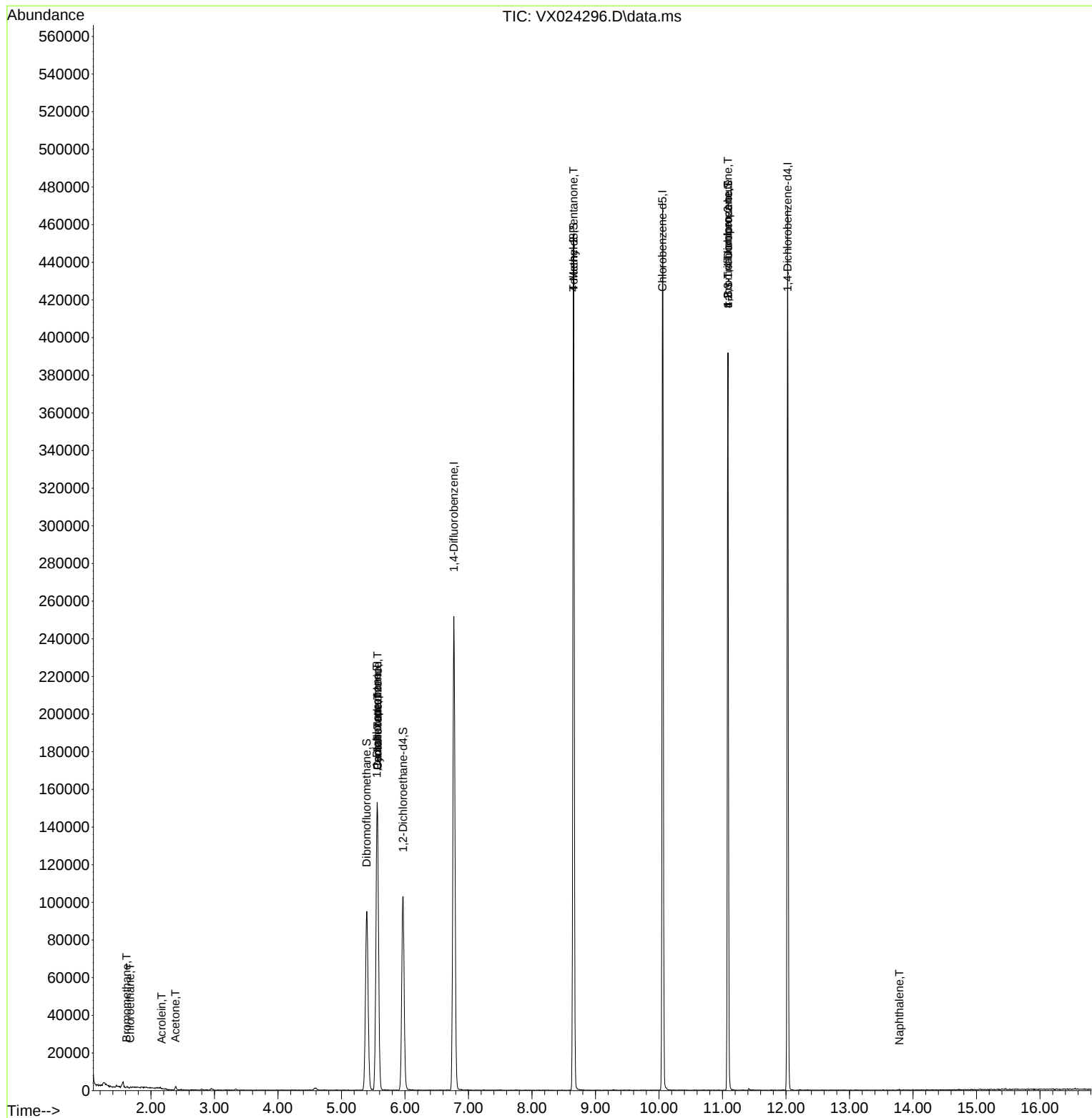
Internal Standards						
1) Pentafluorobenzene	5.568	168	141338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	248614	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	106098	52.643	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.280%			
35) Dibromofluoromethane	5.397	113	81605	48.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.880%			
50) Toluene-d8	8.653	98	261373	43.032	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 86.060%#			
62) 4-Bromofluorobenzene	11.085	95	94292	39.890	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 79.780%#			
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	199	0.237	ug/l #	77
6) Chloroethane	1.673	64	182	2.154	ug/l #	43
11) Tert butyl alcohol	2.965	59	719	Below Cal	#	73
13) Acrolein	2.166	56	42	0.316	ug/l #	14
16) Acetone	2.386	43	2001	2.328	ug/l #	82
31) Cyclohexane	5.568	56	3109	1.319	ug/l #	17
36) 1,1-Dichloropropene	5.556	75	11096	4.854	ug/l #	44
38) Carbon Tetrachloride	5.568	117	15124	5.879	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1257	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	51471	24.594	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51471	72.331	ug/l #	12
95) Naphthalene	13.786	128	391	1.346	ug/l #	69

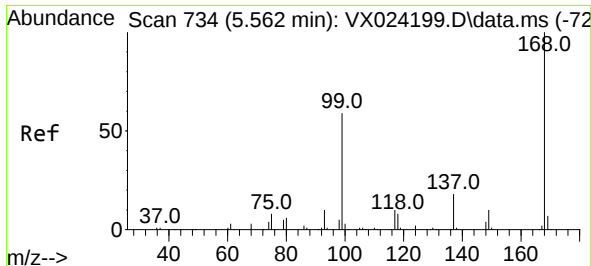
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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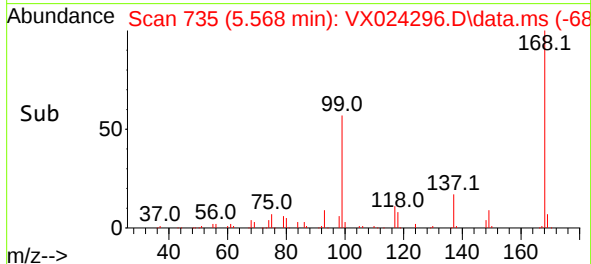
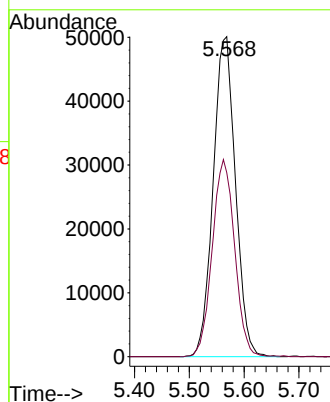
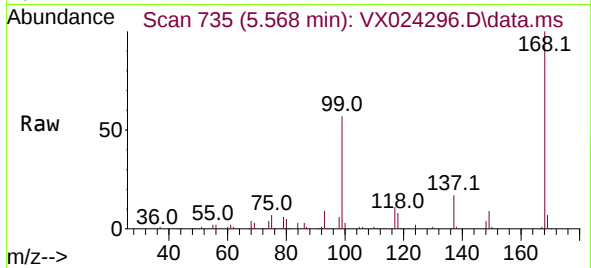




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

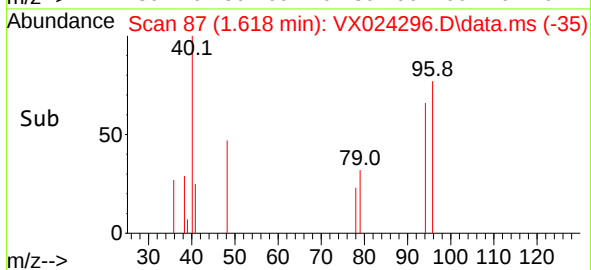
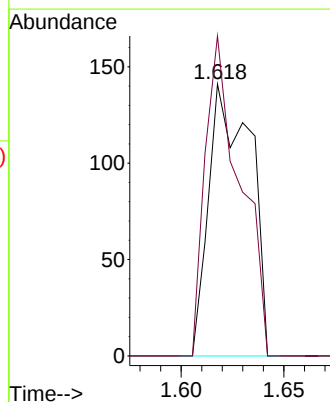
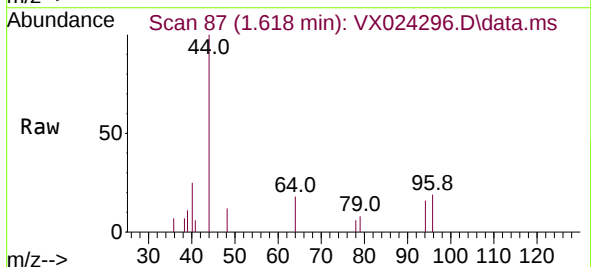
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

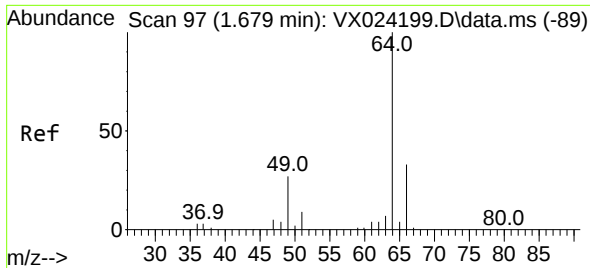
Tgt Ion:168 Resp: 141338
Ion Ratio Lower Upper
168 100
99 57.5 45.8 68.6



#5
Bromomethane
Concen: 0.237 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

Tgt Ion: 94 Resp: 199
Ion Ratio Lower Upper
94 100
96 117.7 76.4 114.6#

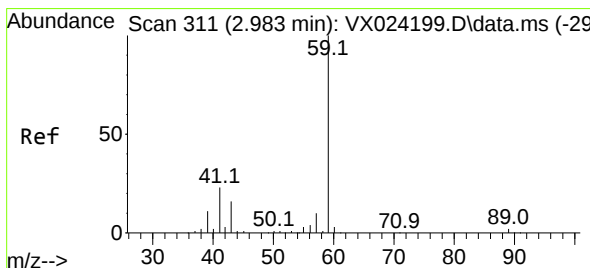
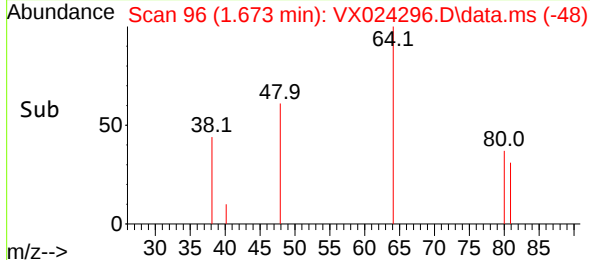
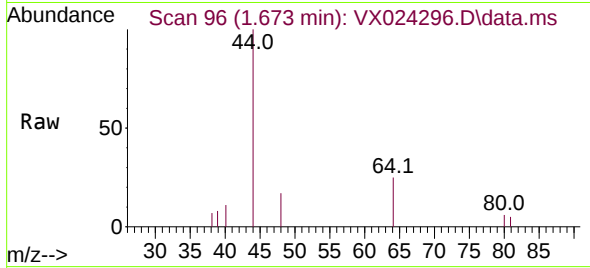




#6
Chloroethane
Concen: 2.154 ug/l
RT: 1.673 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

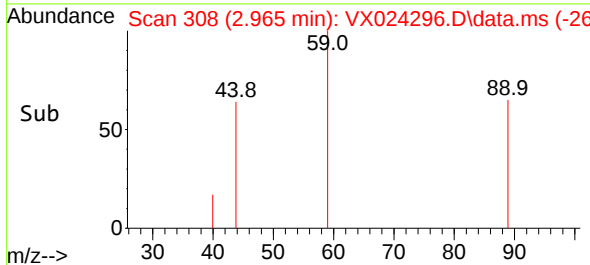
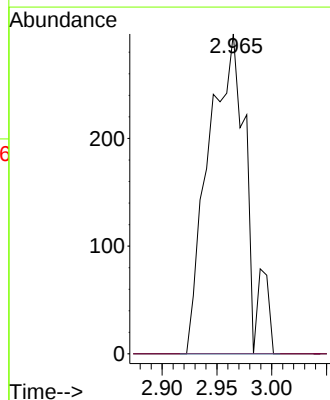
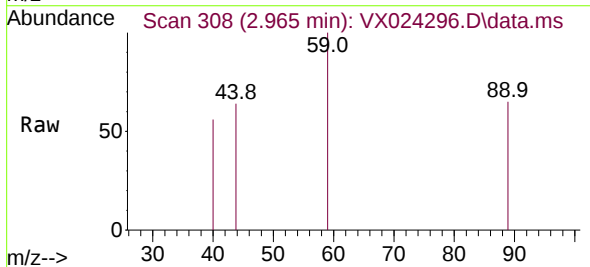
Instrument :
MSVOA_X
ClientSampled :
SW-RR-01-(2.0)

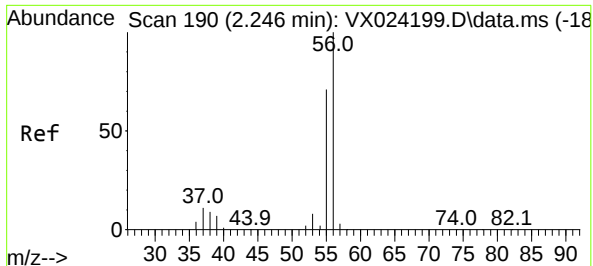
Tgt Ion: 64 Resp: 182
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

Tgt Ion: 59 Resp: 719
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

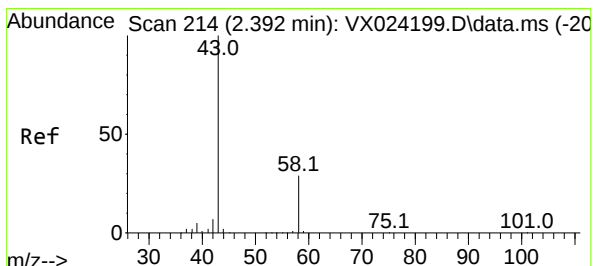
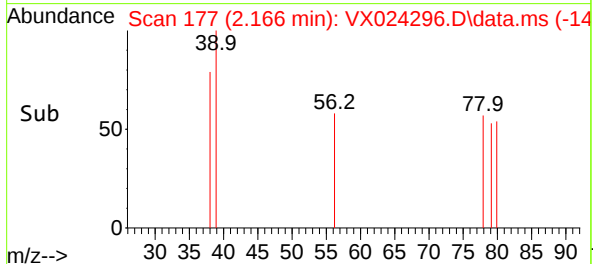
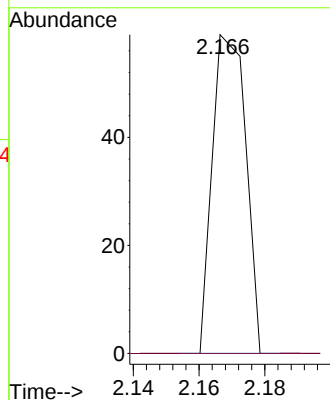
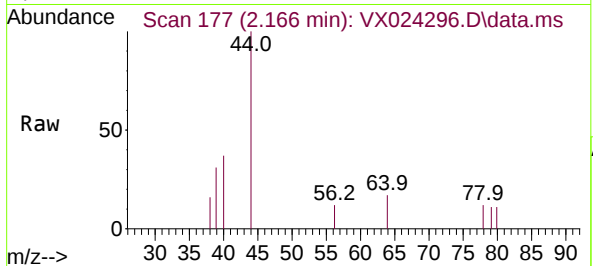




#13
Acrolein
Concen: 0.316 ug/l
RT: 2.166 min Scan# 177
Delta R.T. -0.080 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

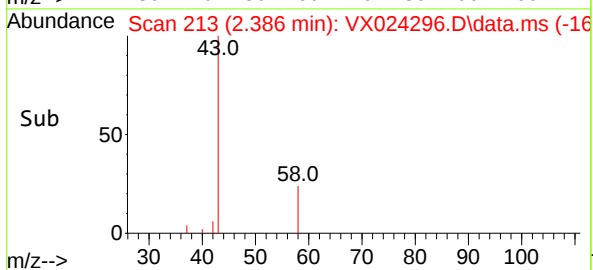
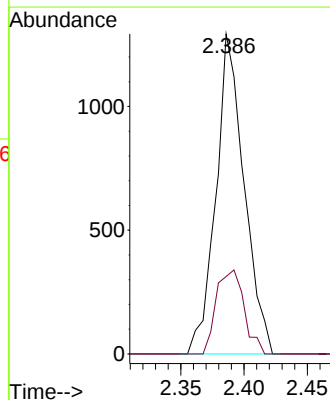
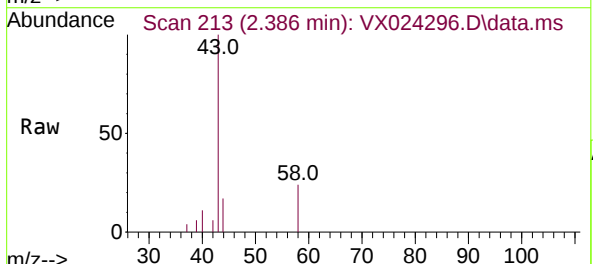
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

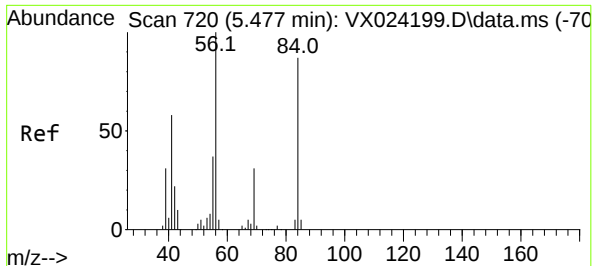
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 2.328 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

Tgt Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
58 24.2 27.8 41.8#

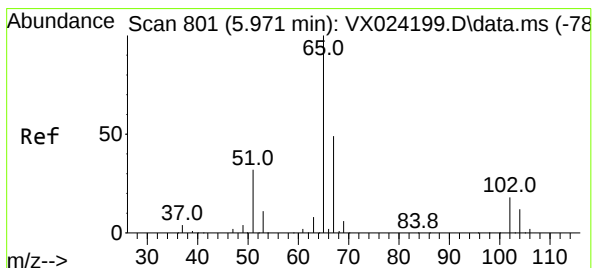
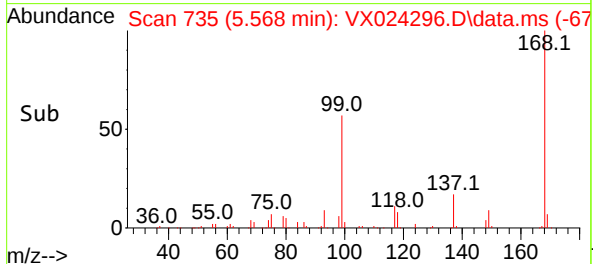
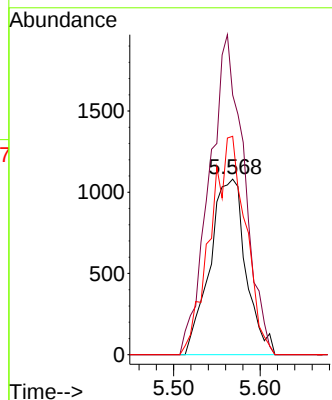
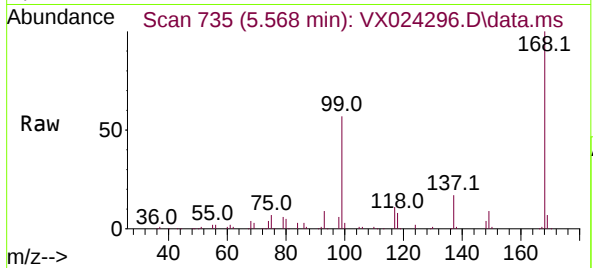




#31
Cyclohexane
Concen: 1.319 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

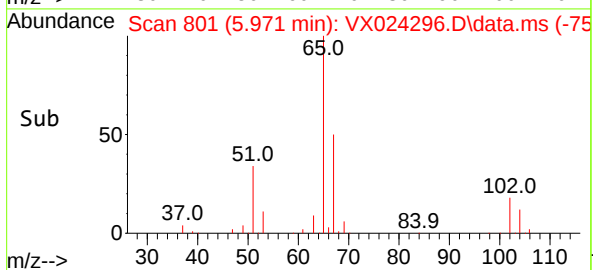
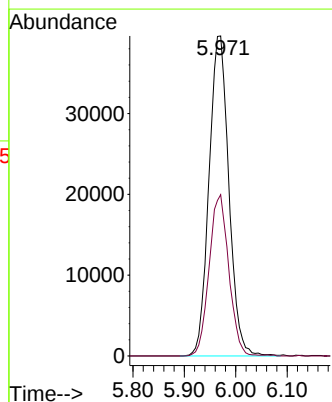
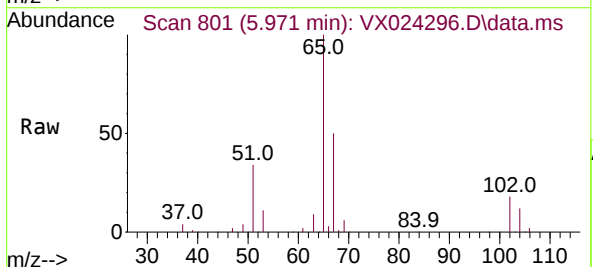
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

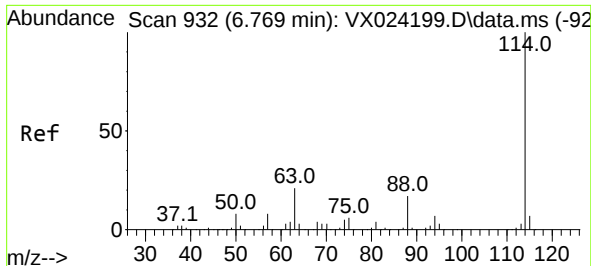
Tgt Ion: 56 Resp: 3109
Ion Ratio Lower Upper
56 100
69 147.9 25.3 37.9#
84 124.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.643 ug/l
RT: 5.971 min Scan# 801
Delta R.T. -0.000 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

Tgt Ion: 65 Resp: 106098
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

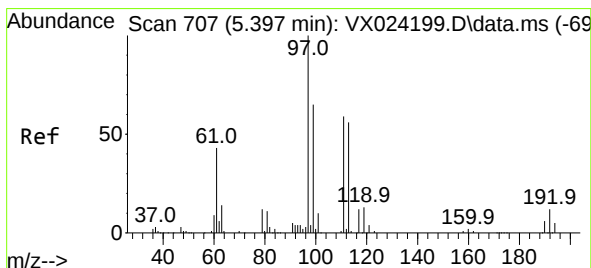
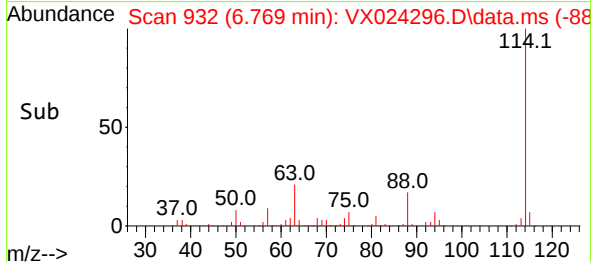
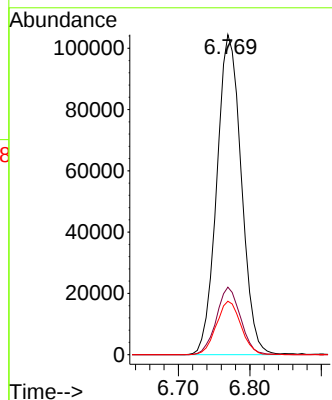
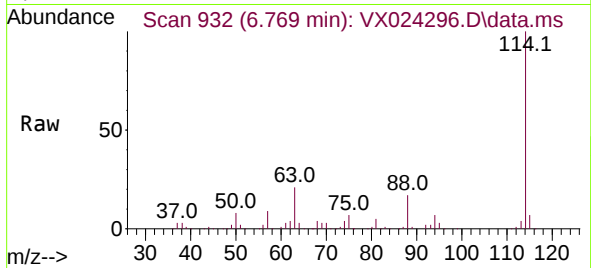




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

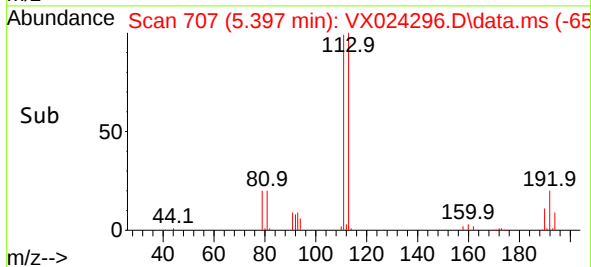
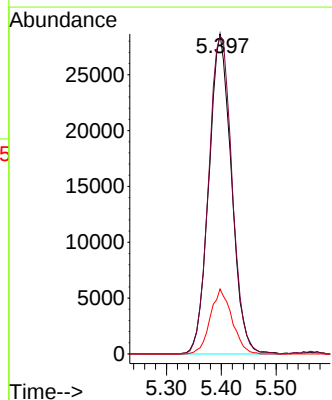
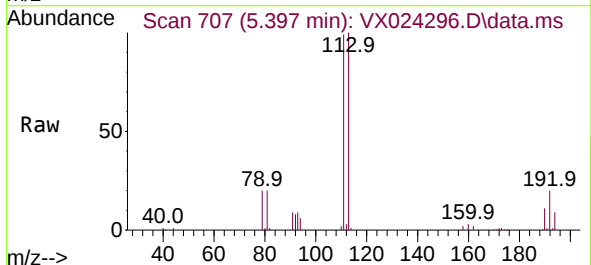
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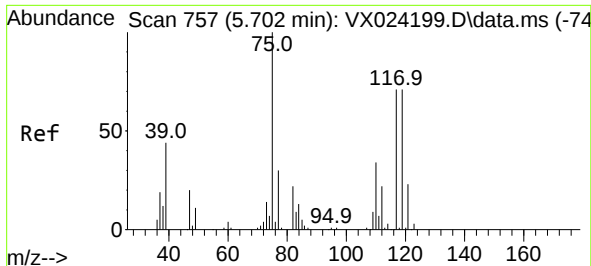
Tgt Ion:114 Resp: 248614
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.944 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

Tgt Ion:113 Resp: 81605
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 19.6 16.7 25.1

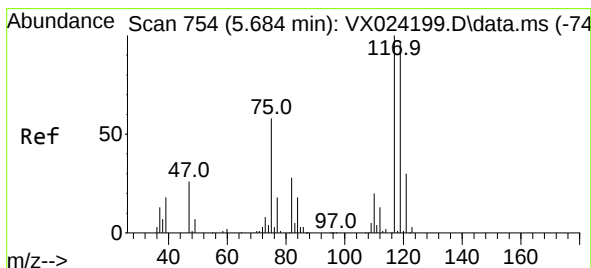
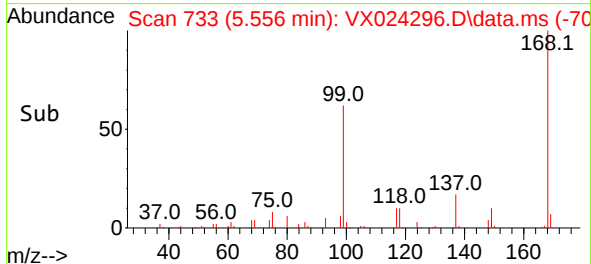
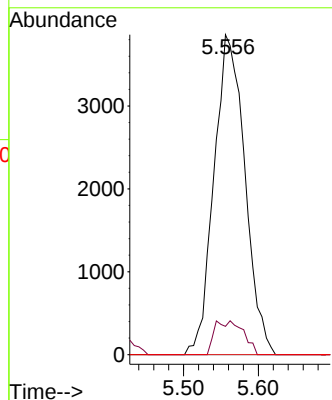
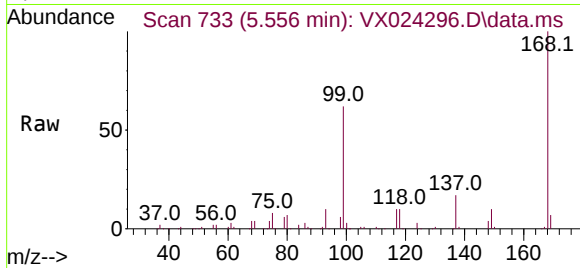




#36
1,1-Dichloropropene
Concen: 4.854 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

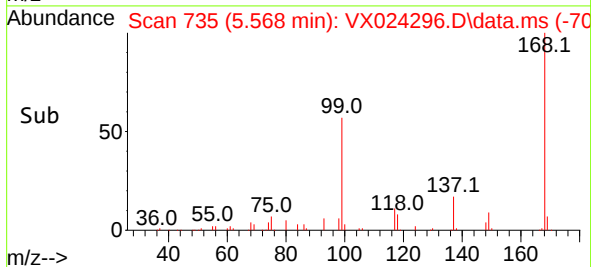
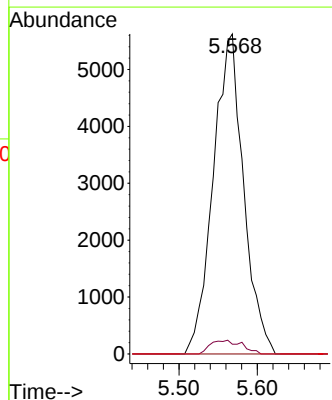
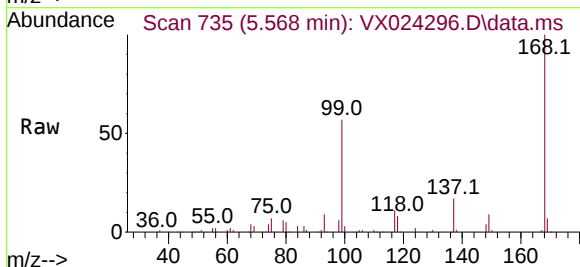
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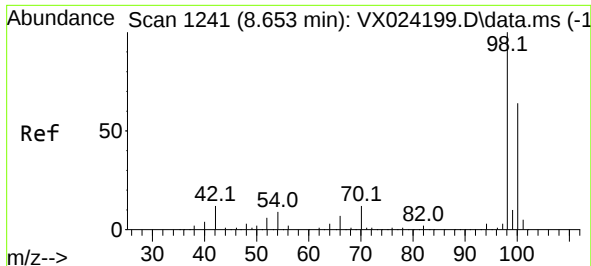
Tgt Ion: 75 Resp: 11096
Ion Ratio Lower Upper
75 100
110 4.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.879 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

Tgt Ion: 117 Resp: 15124
Ion Ratio Lower Upper
117 100
119 3.0 76.2 114.2#
121 0.0 24.8 37.2#

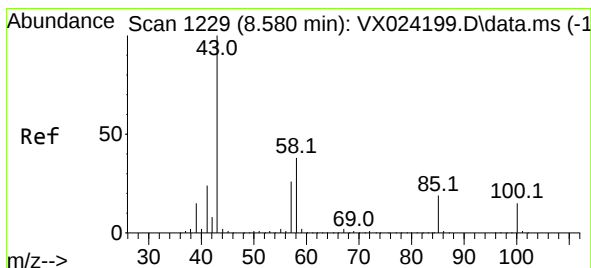
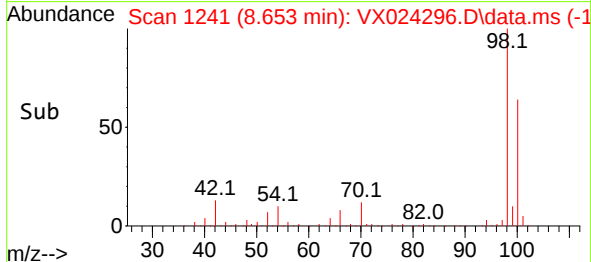
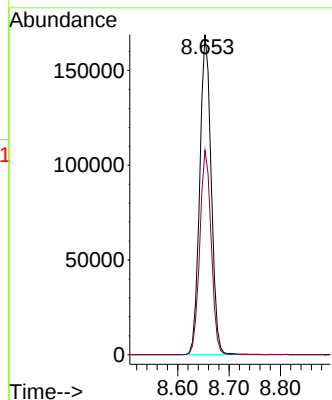
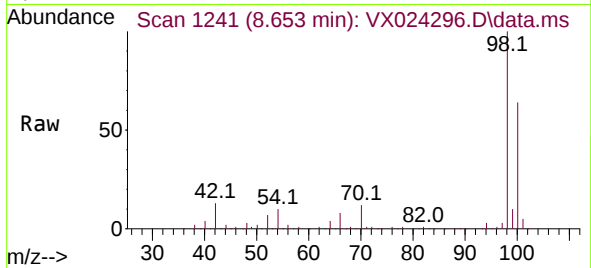




#50
Toluene-d8
Concen: 43.032 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

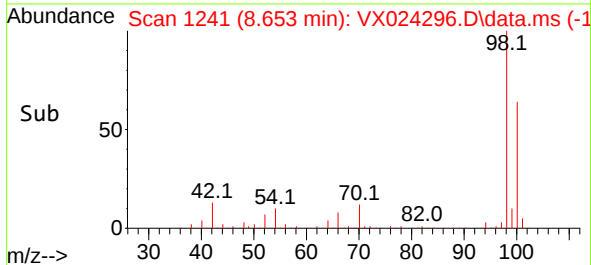
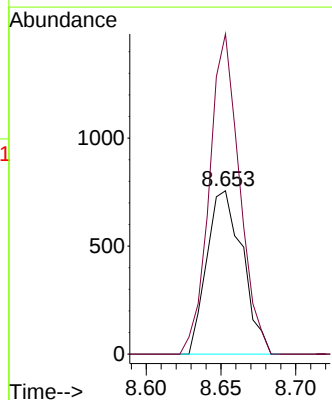
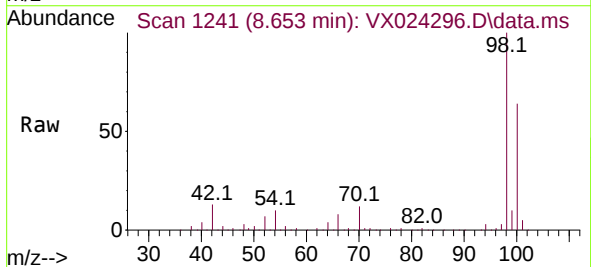
Instrument :
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SW-RR-01-(2.0)

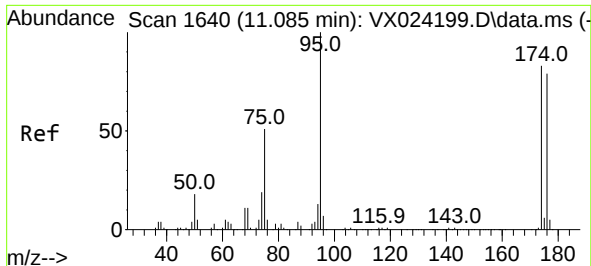
Tgt Ion: 98 Resp: 261373
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

Tgt Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
58 166.0 35.4 53.0#

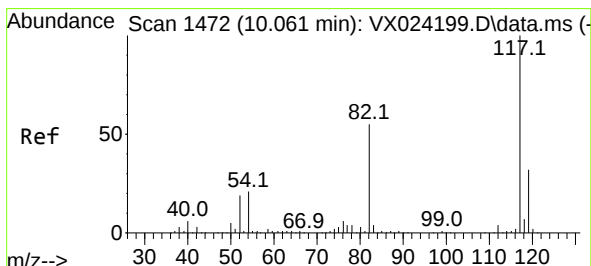
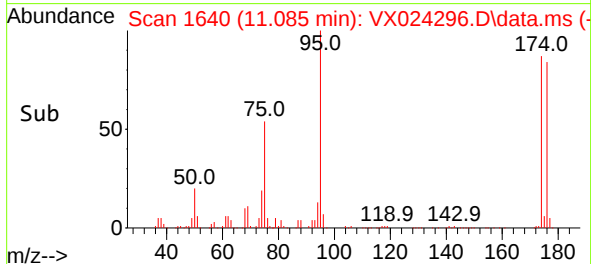
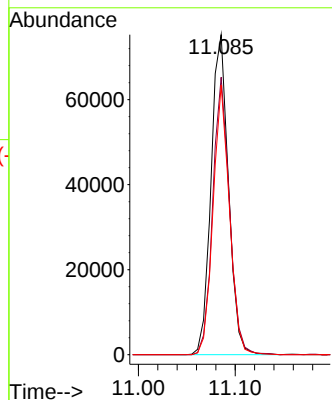
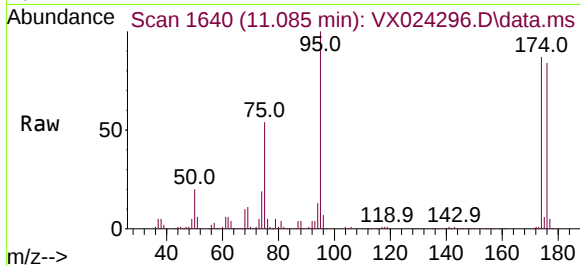




#62
4-Bromofluorobenzene
Concen: 39.890 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

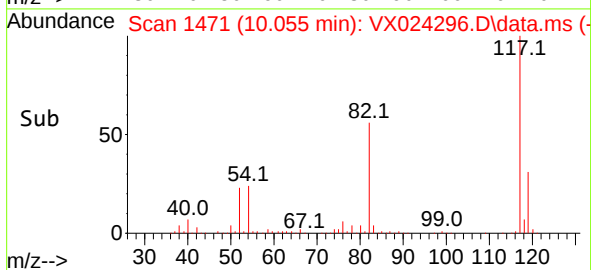
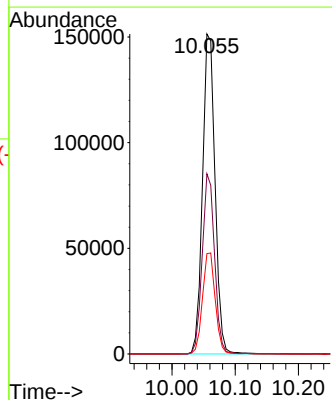
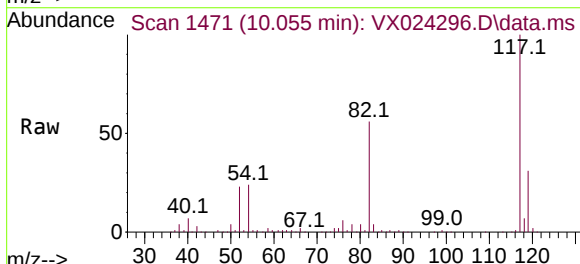
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

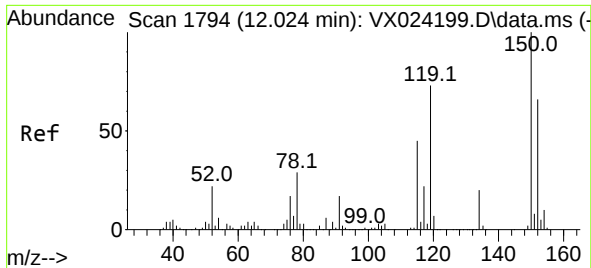
Tgt Ion: 95 Resp: 94292
Ion Ratio Lower Upper
95 100
174 83.3 0.0 154.6
176 79.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

Tgt Ion: 117 Resp: 208672
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 31.4 26.6 39.8

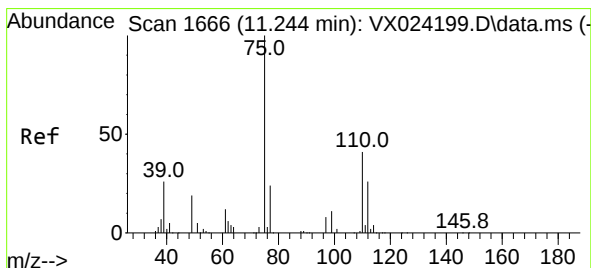
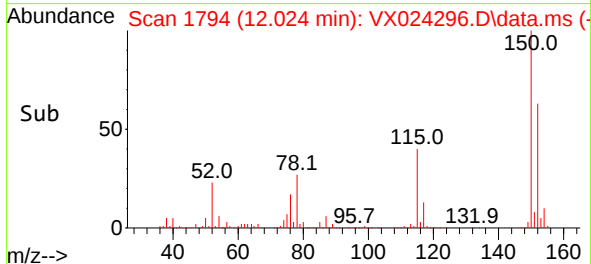
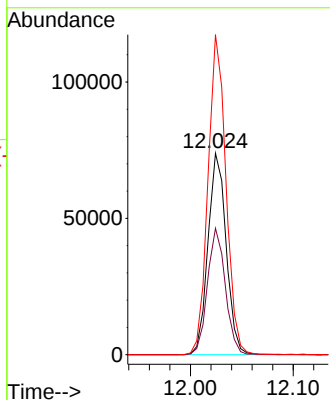
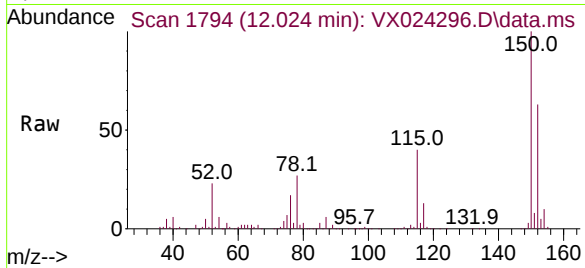




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

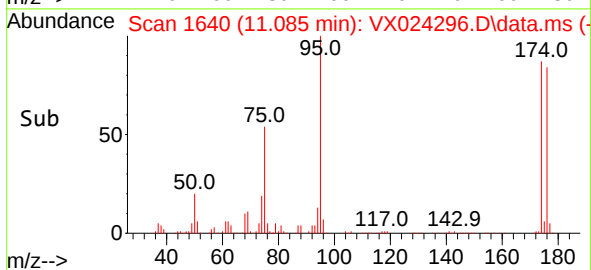
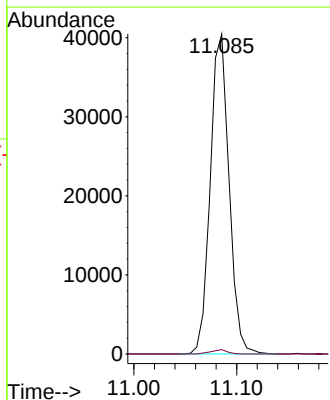
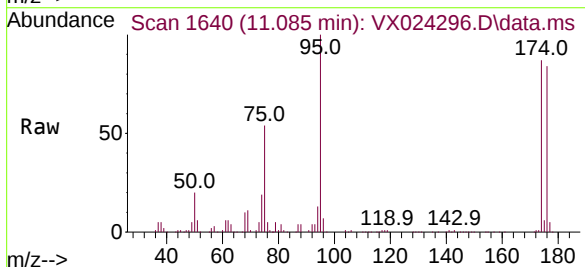
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

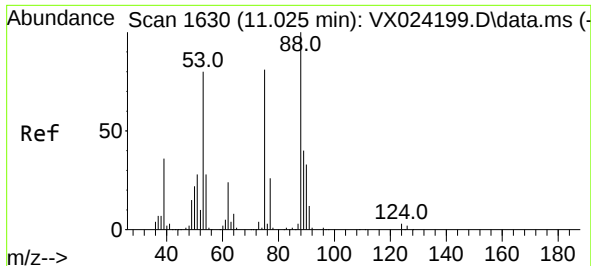
Tgt Ion:152 Resp: 91016
Ion Ratio Lower Upper
152 100
115 61.8 41.1 123.3
150 156.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.594 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

Tgt Ion: 75 Resp: 51471
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

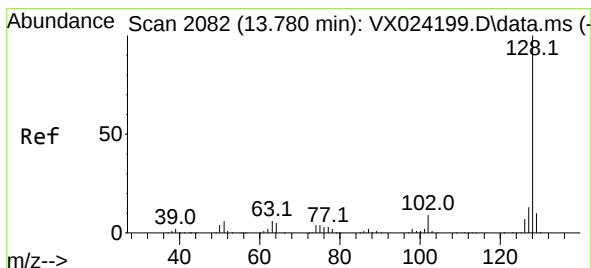
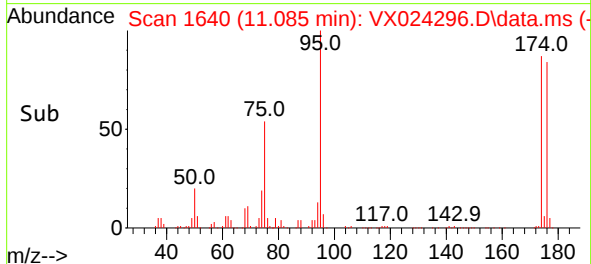
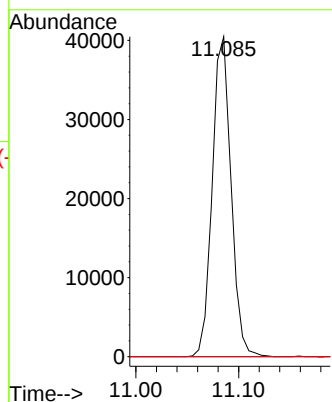
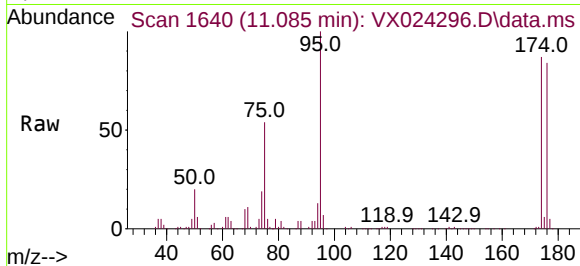




#81
trans-1,4-Dichloro-2-butene
Concen: 72.331 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

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

Tgt Ion: 75 Resp: 51471
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.346 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024296.D
Acq: 16 Sep 2021 18:27

Tgt Ion: 128 Resp: 391
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

