

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024240.D
 Acq On : 15 Sep 2021 04:51
 Operator : JC/MD
 Sample : M3724-14 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33130

Quant Time: Sep 15 07:33:03 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)

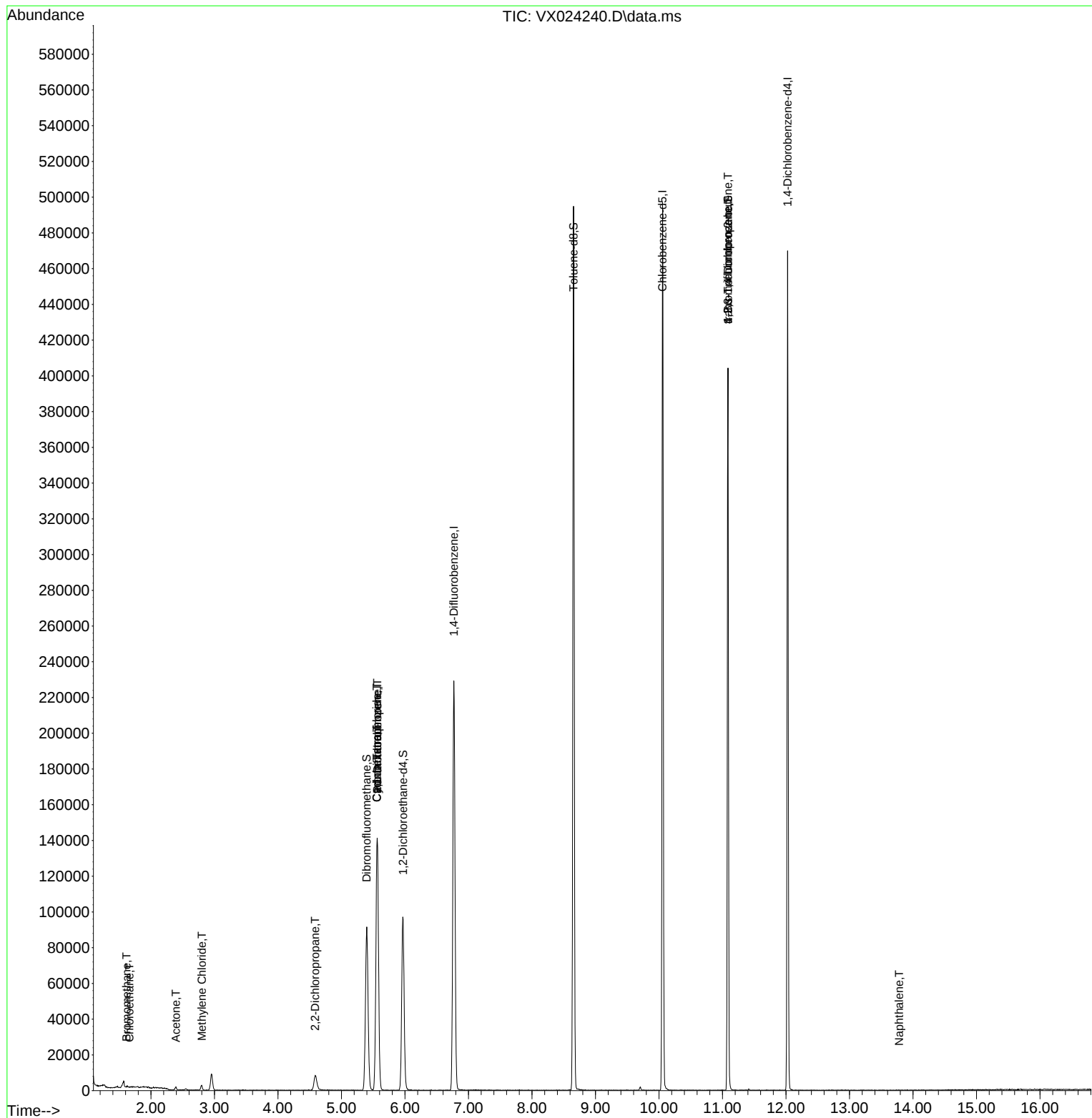
Internal Standards						
1) Pentafluorobenzene	5.562	168	132705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	99092	52.365	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.740%			
35) Dibromofluoromethane	5.397	113	76713	49.968	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.940%			
50) Toluene-d8	8.653	98	280835	50.214	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.420%			
62) 4-Bromofluorobenzene	11.085	95	101790	46.767	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.540%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	334	0.423	ug/l #	73
6) Chloroethane	1.660	64	54	2.051	ug/l #	43
11) Tert butyl alcohol	2.953	59	5450	Below Cal	#	76
16) Acetone	2.392	43	1945	2.411	ug/l #	70
20) Methylene Chloride	2.800	84	1239	0.800	ug/l #	76
26) 2,2-Dichloropropane	4.587	77	672	0.299	ug/l #	52
31) Cyclohexane	5.556	56	3119	1.409	ug/l #	19
36) 1,1-Dichloropropene	5.562	75	11158	5.302	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14242	6.012	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	55045	26.022	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55045	76.531	ug/l #	12
95) Naphthalene	13.780	128	78	1.299	ug/l #	69

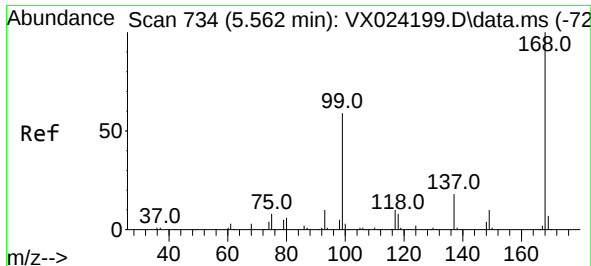
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
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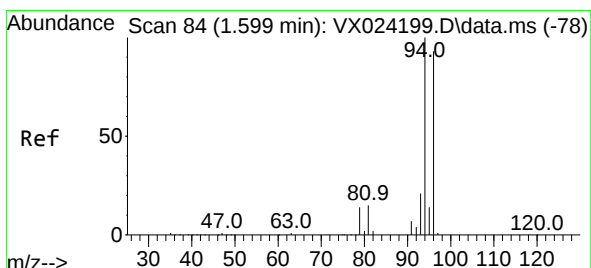
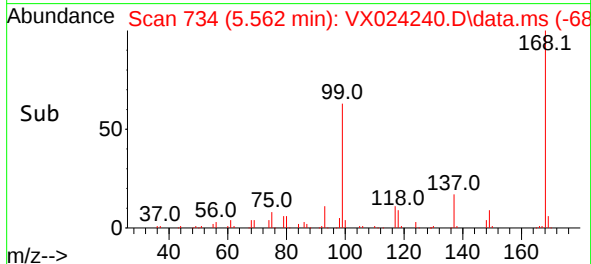
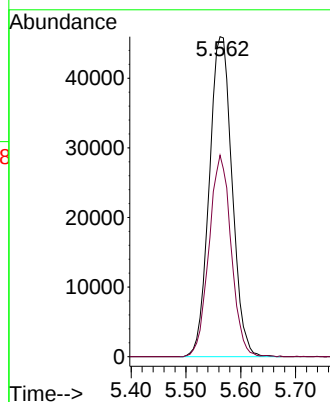
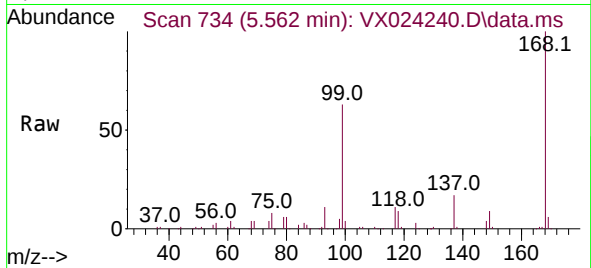




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

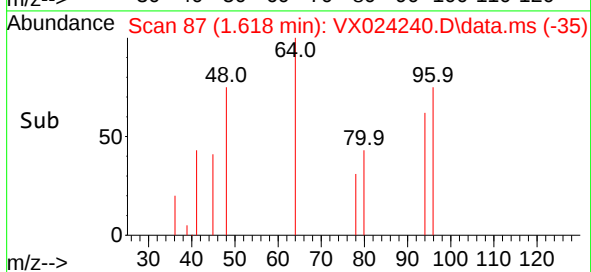
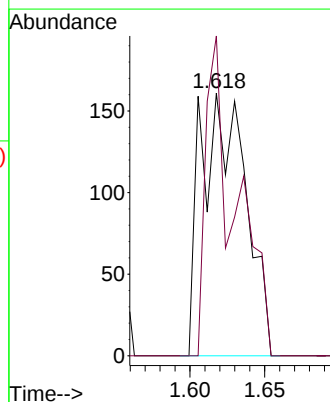
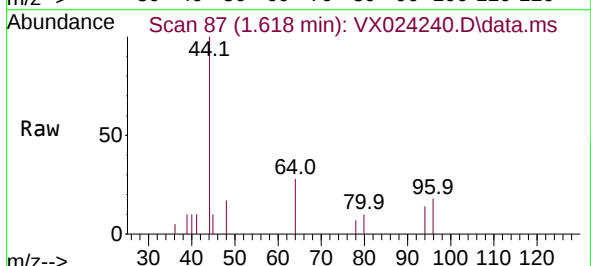
Instrument :
MSVOA_X
ClientSampled :
33130

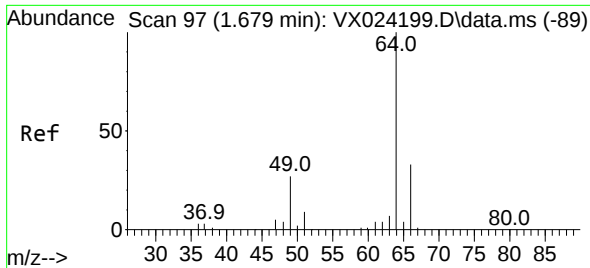
Tgt Ion:168 Resp: 132705
Ion Ratio Lower Upper
168 100
99 63.0 45.8 68.6



#5
Bromomethane
Concen: 0.423 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

Tgt Ion: 94 Resp: 334
Ion Ratio Lower Upper
94 100
96 121.7 76.4 114.6#

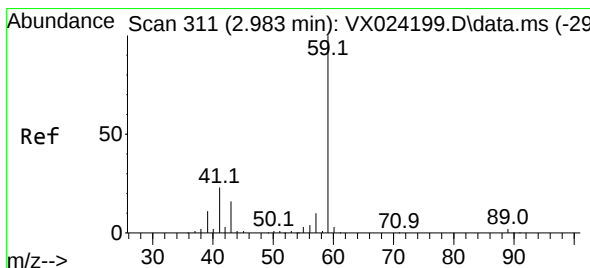
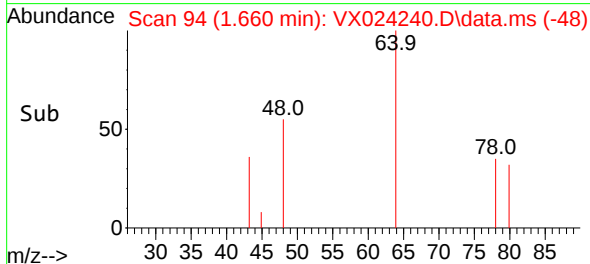
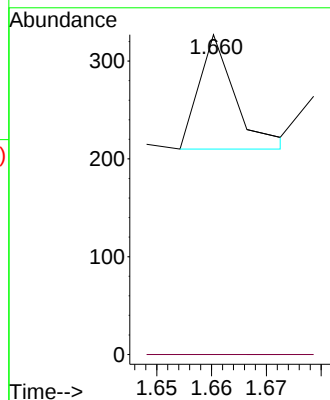
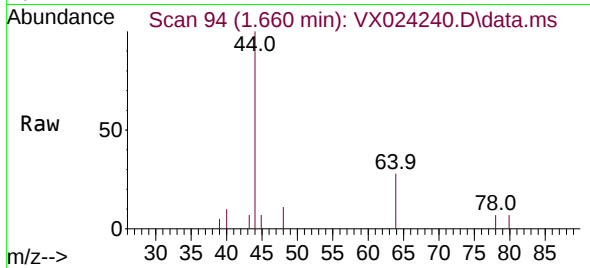




#6
Chloroethane
Concen: 2.051 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

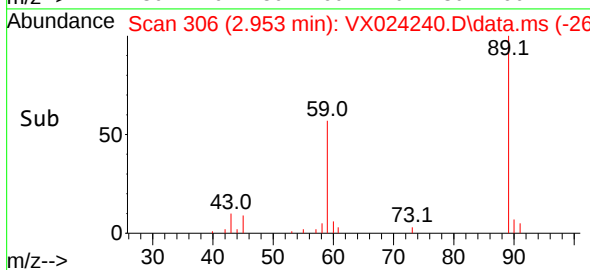
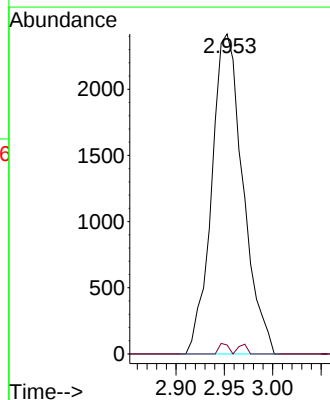
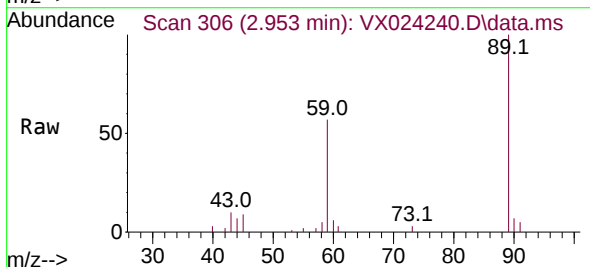
Instrument :
MSVOA_X
ClientSampled :
33130

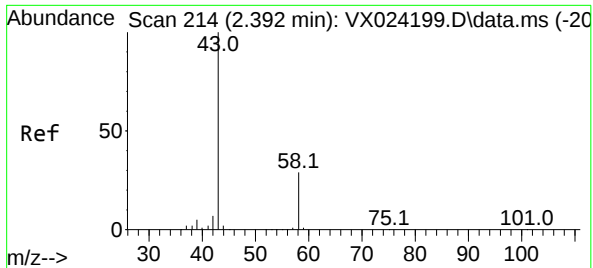
Tgt Ion: 64 Resp: 54
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

Tgt Ion: 59 Resp: 5450
Ion Ratio Lower Upper
59 100
57 1.0 7.8 11.8#

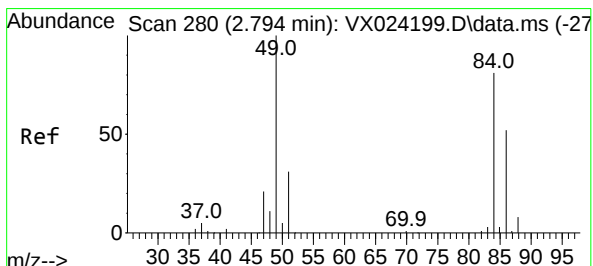
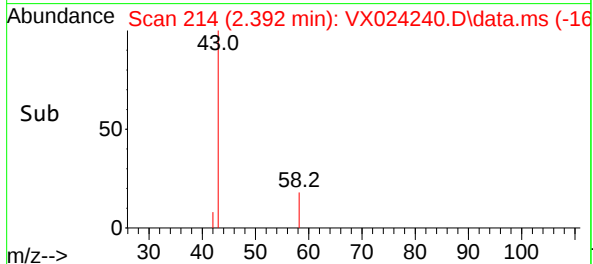
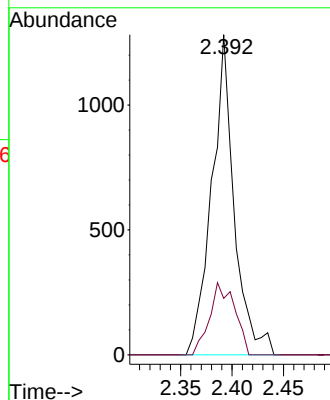
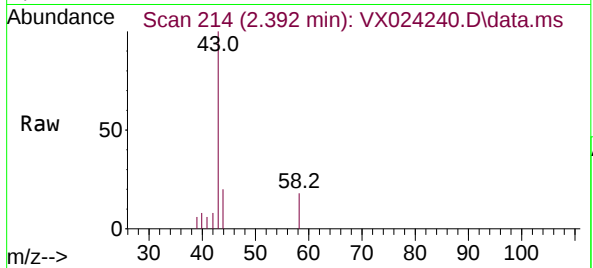




#16
Acetone
Concen: 2.411 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

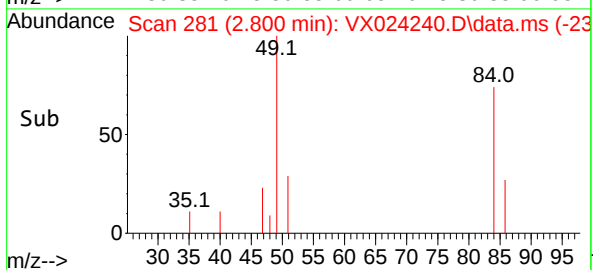
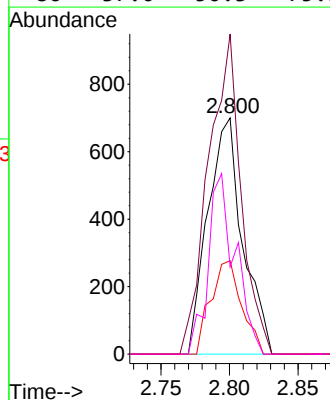
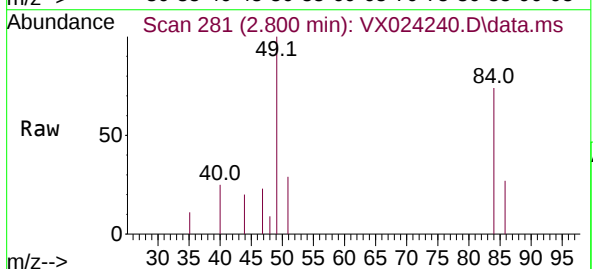
Instrument :
MSVOA_X
ClientSampled :
33130

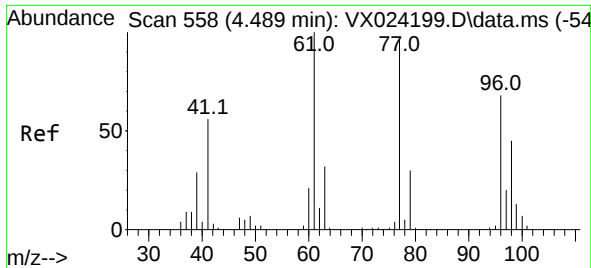
Tgt Ion: 43 Resp: 1945
Ion Ratio Lower Upper
43 100
58 17.6 27.8 41.8#



#20
Methylene Chloride
Concen: 0.800 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

Tgt Ion: 84 Resp: 1239
Ion Ratio Lower Upper
84 100
49 135.6 88.6 132.8#
51 39.6 27.0 40.6
86 37.0 50.3 75.5#





#26

2,2-Dichloropropane

Concen: 0.299 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.098 min

Lab File: VX024240.D

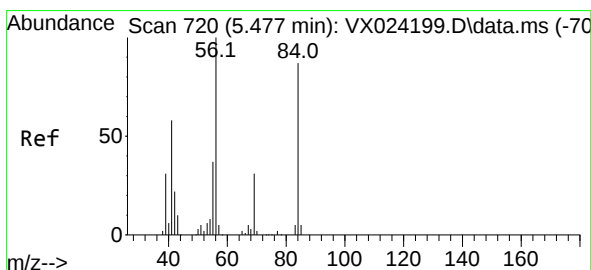
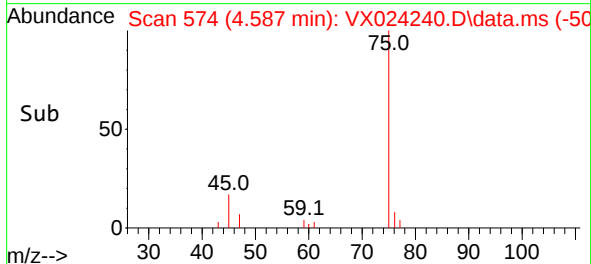
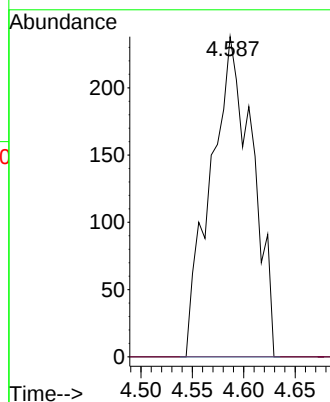
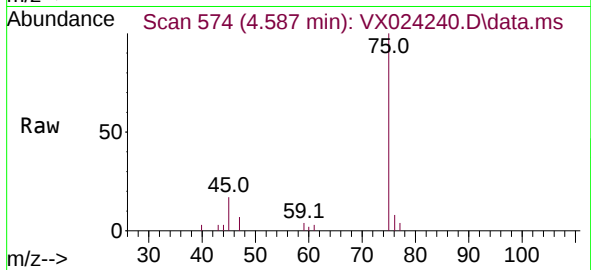
Acq: 15 Sep 2021 04:51

Tgt Ion: 77 Resp: 672

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#



#31

Cyclohexane

Concen: 1.409 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024240.D

Acq: 15 Sep 2021 04:51

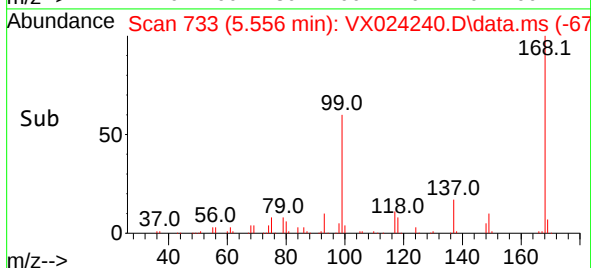
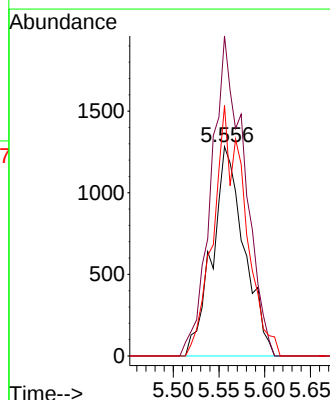
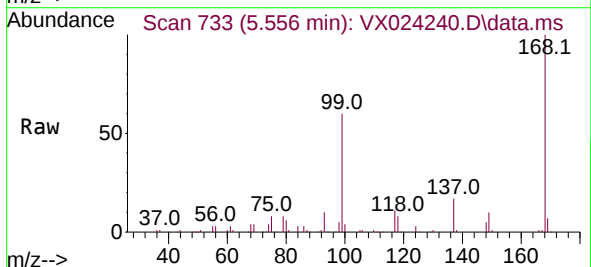
Tgt Ion: 56 Resp: 3119

Ion Ratio Lower Upper

56 100

69 153.0 25.3 37.9#

84 119.7 71.4 107.0#

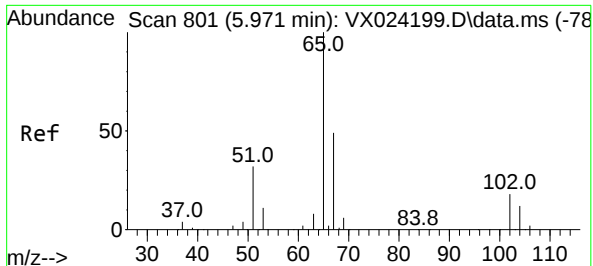


Instrument :

MSVOA_X

ClientSampled :

33130

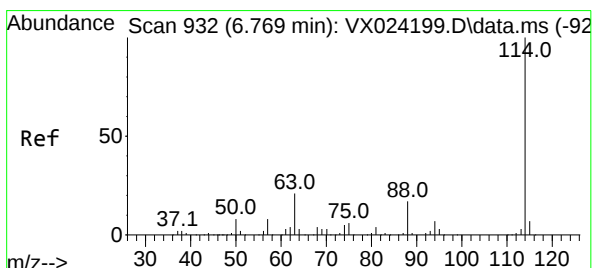
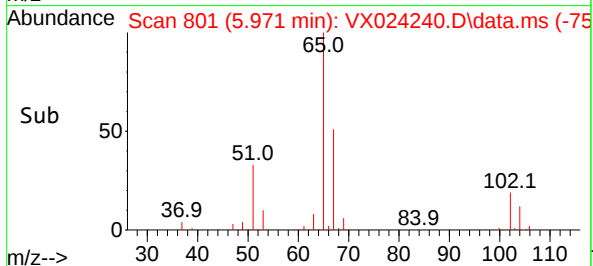
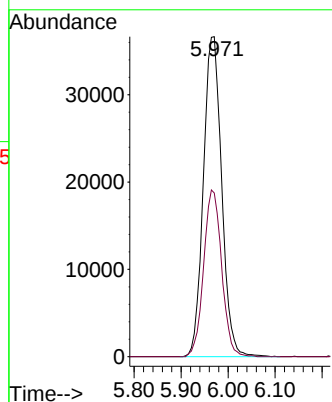
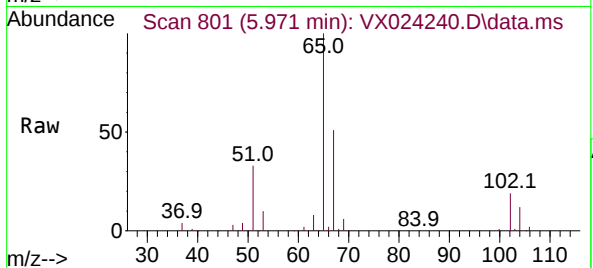


#33

1,2-Dichloroethane-d4
Concen: 52.365 ug/l
RT: 5.971 min Scan# 801
Delta R.T. -0.000 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

Instrument :
MSVOA_X
ClientSampled :
33130

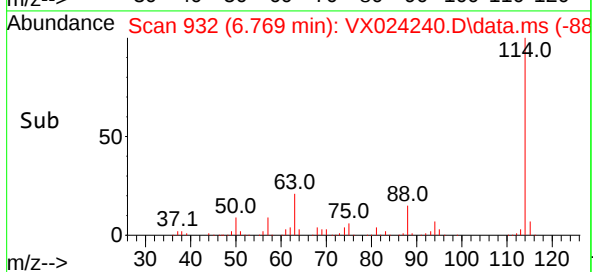
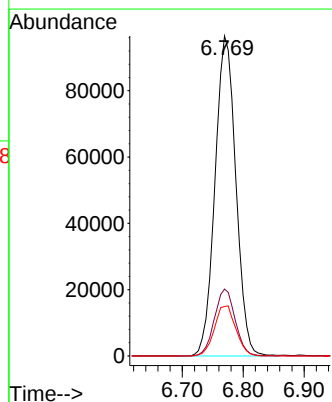
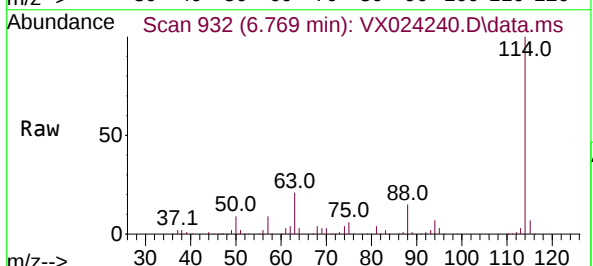
Tgt Ion: 65 Resp: 99092
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.4

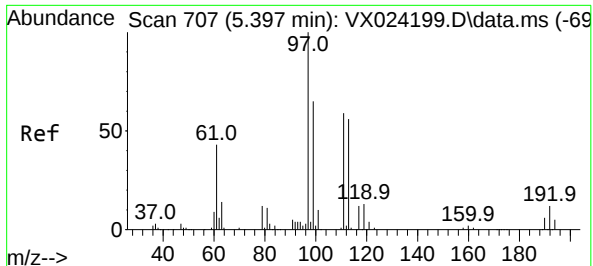


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

Tgt Ion: 114 Resp: 228919
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.968 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024240.D

Acq: 15 Sep 2021 04:51

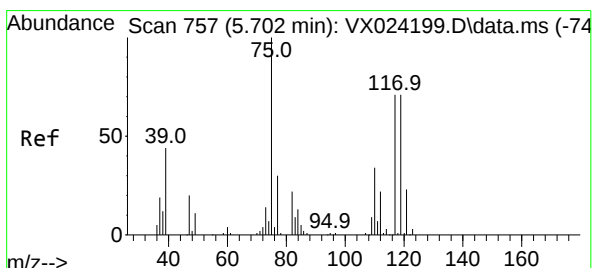
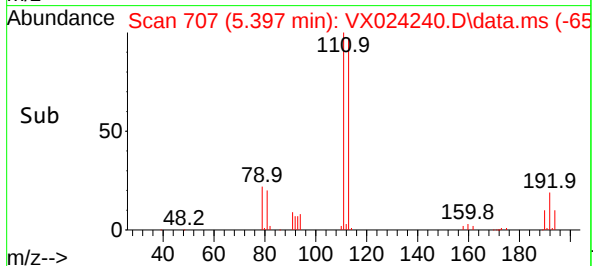
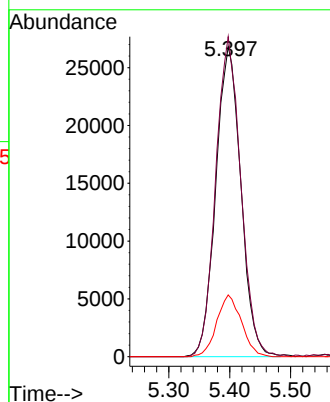
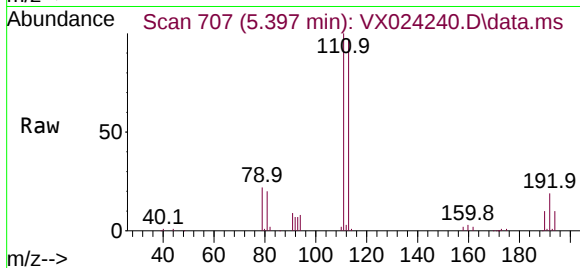
Tgt Ion:113 Resp: 76713

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

192 19.7 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.302 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024240.D

Acq: 15 Sep 2021 04:51

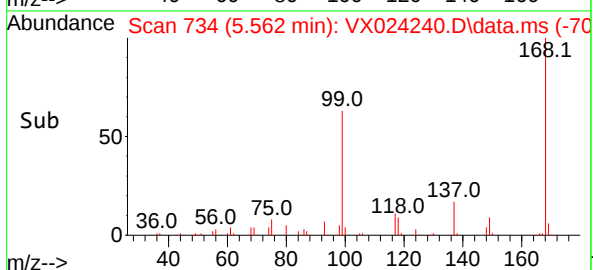
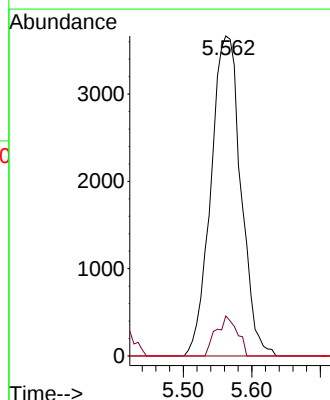
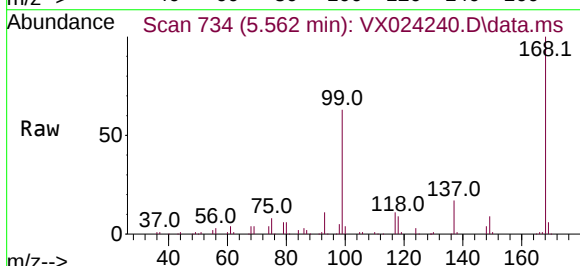
Tgt Ion: 75 Resp: 11158

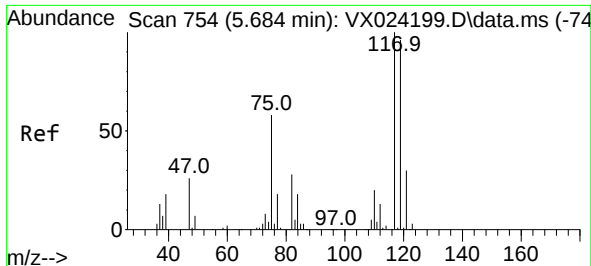
Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.4#

77 0.0 25.3 37.9#

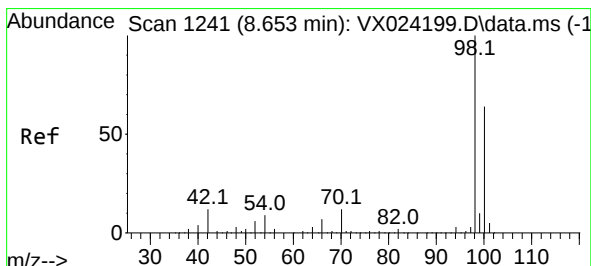
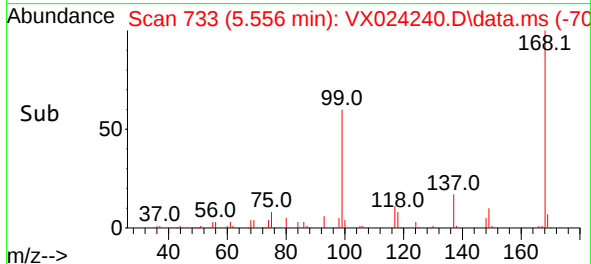
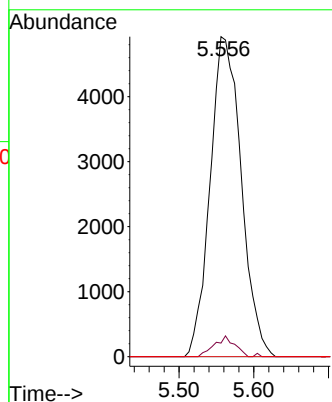
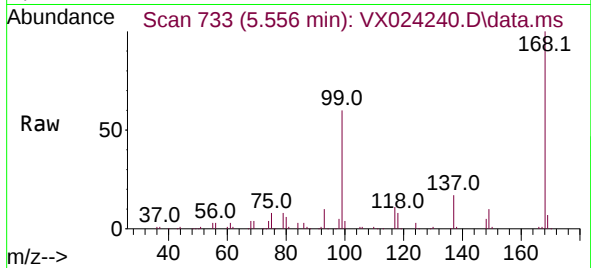




#38
Carbon Tetrachloride
Concen: 6.012 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

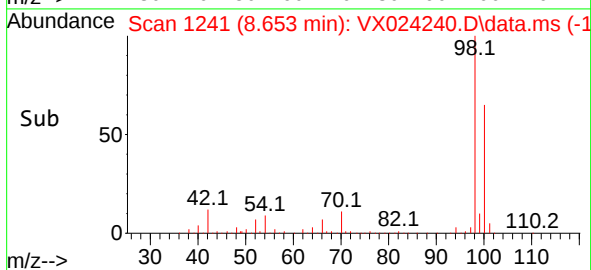
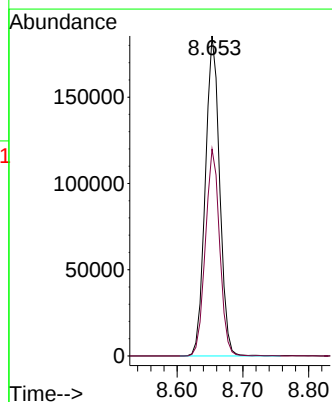
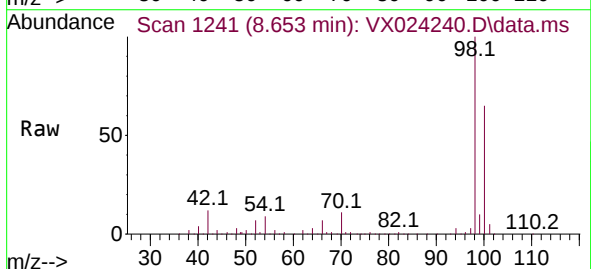
Instrument :
MSVOA_X
ClientSampled :
33130

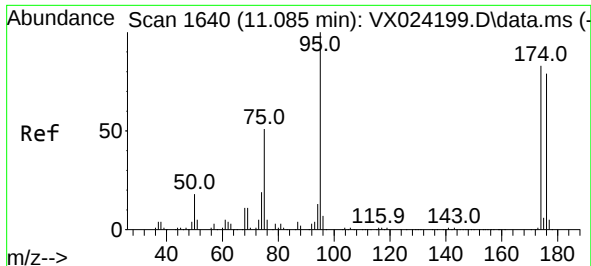
Tgt Ion:117 Resp: 14242
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.214 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

Tgt Ion: 98 Resp: 280835
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

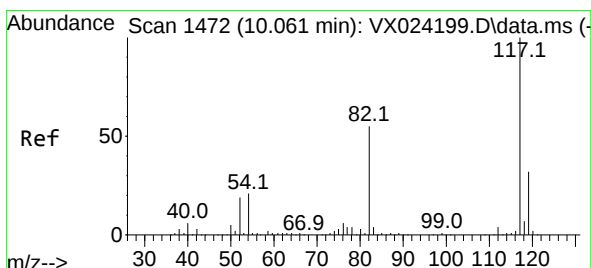
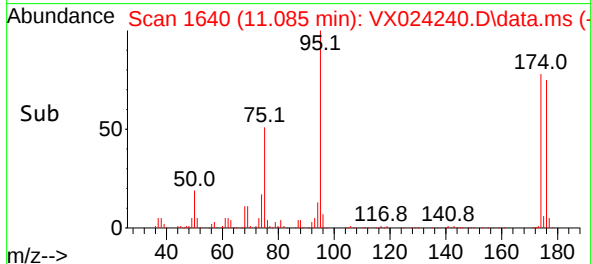
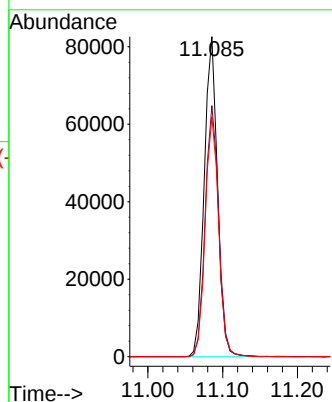
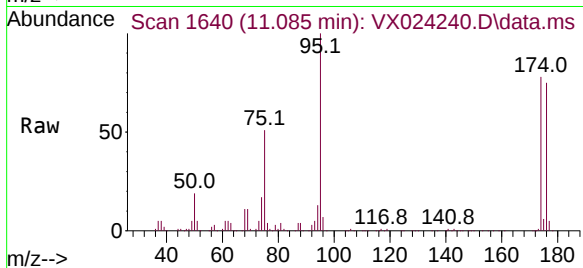




#62
4-Bromofluorobenzene
Concen: 46.767 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

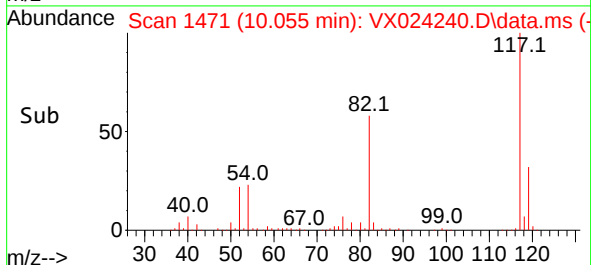
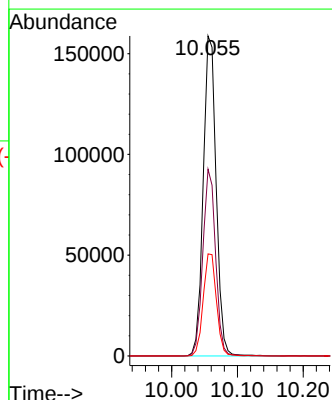
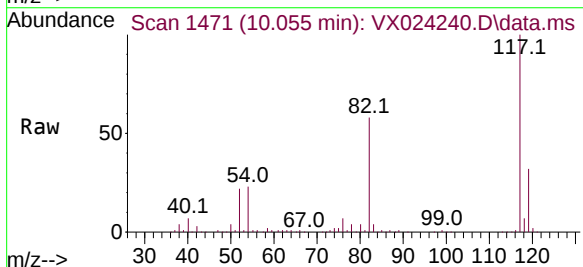
Instrument :
MSVOA_X
ClientSampled :
33130

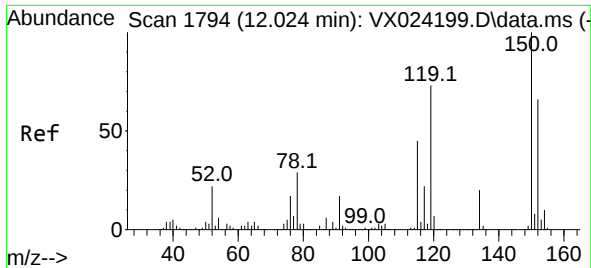
Tgt Ion: 95 Resp: 101790
Ion Ratio Lower Upper
95 100
174 80.3 0.0 154.6
176 75.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

Tgt Ion: 117 Resp: 216867
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.9 26.6 39.8

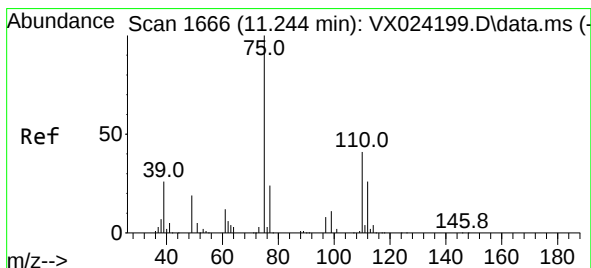
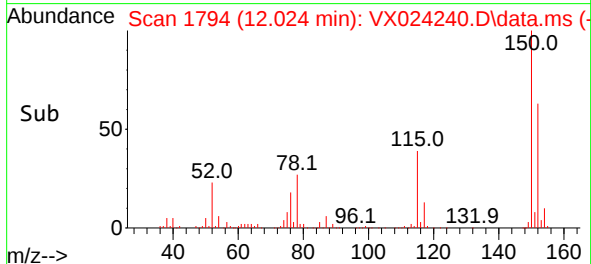
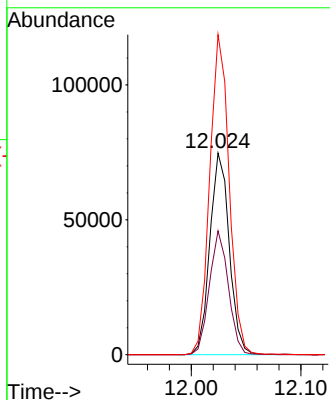
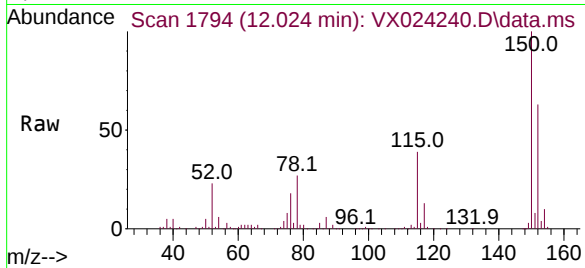




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

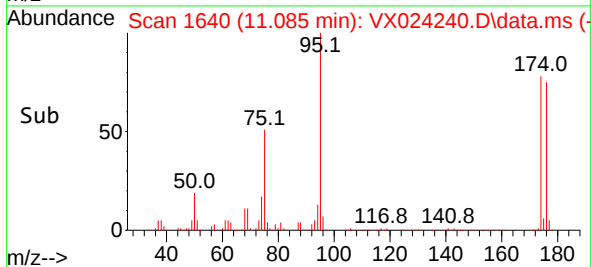
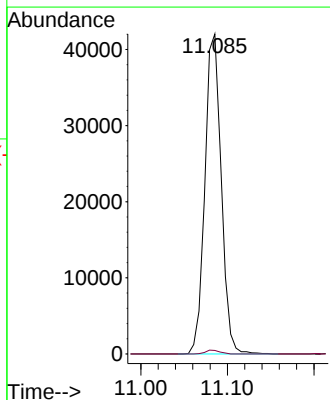
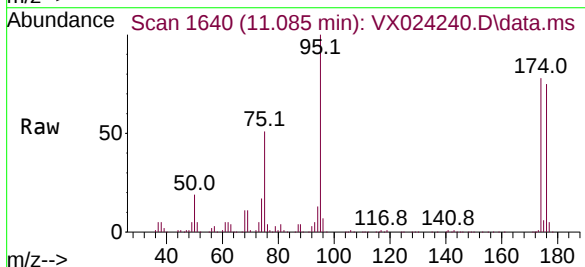
Instrument :
MSVOA_X
ClientSampled :
33130

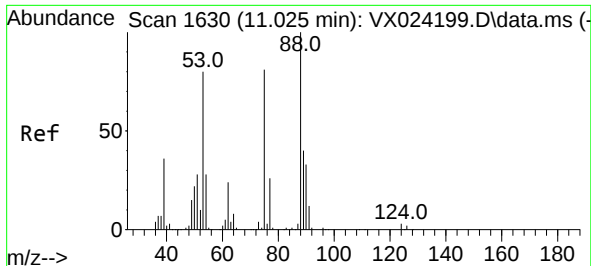
Tgt Ion:152 Resp: 91994
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 159.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.022 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

Tgt Ion: 75 Resp: 55045
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

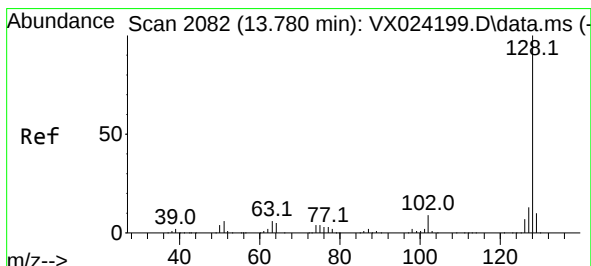
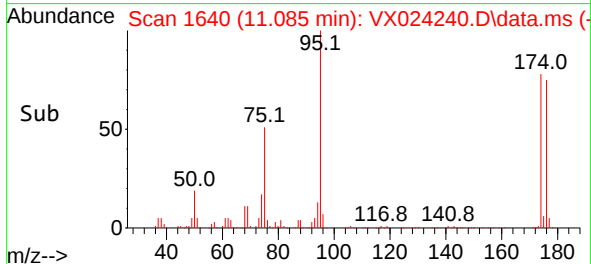
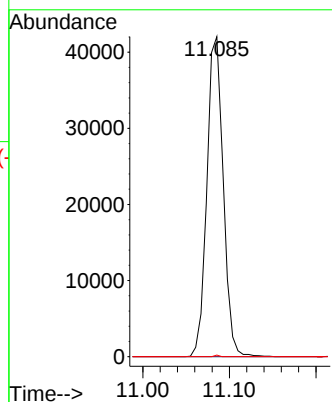
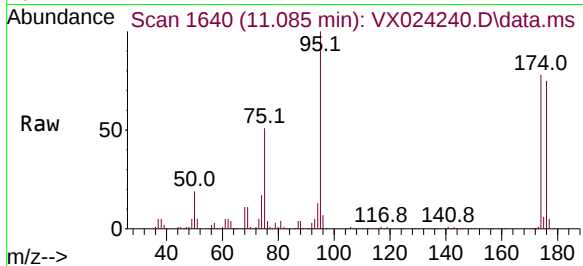




#81
trans-1,4-Dichloro-2-butene
Concen: 76.531 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

Instrument :
MSVOA_X
ClientSampleId :
33130

Tgt Ion: 75 Resp: 55045
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.299 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024240.D
Acq: 15 Sep 2021 04:51

Tgt Ion: 128 Resp: 78
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

