

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024244.D
 Acq On : 15 Sep 2021 06:25
 Operator : JC/MD
 Sample : M3724-18 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33134

Quant Time: Sep 15 07:34:03 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)

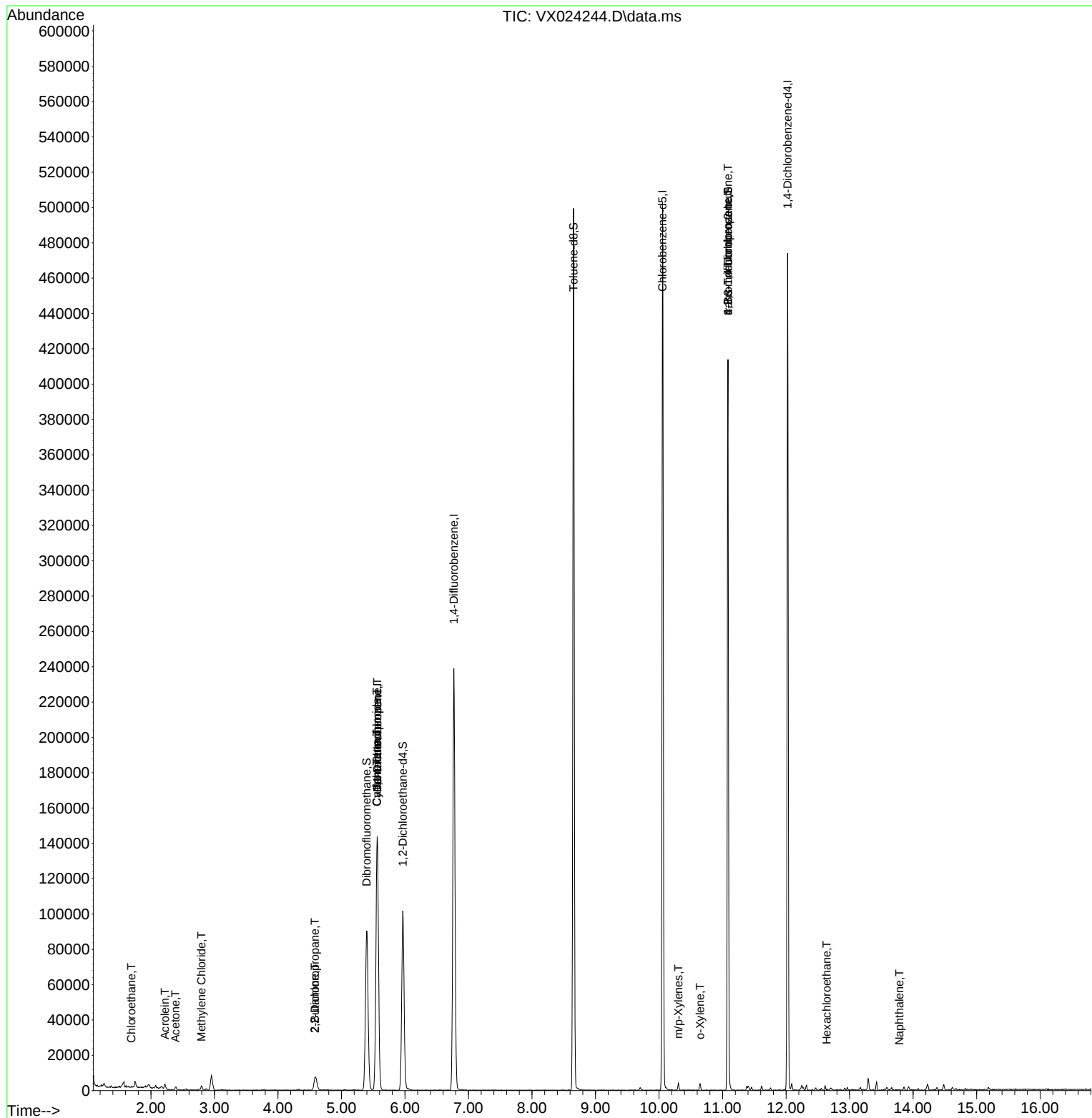
Internal Standards						
1) Pentafluorobenzene	5.562	168	131751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	231233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101847	54.211	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.420%			
35) Dibromofluoromethane	5.397	113	77354	49.882	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.760%			
50) Toluene-d8	8.653	98	286742	50.757	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.520%			
62) 4-Bromofluorobenzene	11.085	95	104077	47.340	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.680%			
Target Compounds						Qvalue
6) Chloroethane	1.691	64	362	2.325	ug/l #	43
11) Tert butyl alcohol	2.953	59	5163	Below Cal	#	73
13) Acrolein	2.221	56	75	0.606	ug/l #	1
16) Acetone	2.386	43	2068	2.582	ug/l #	77
20) Methylene Chloride	2.794	84	986	0.641	ug/l #	84
25) 2-Butanone	4.580	43	748	0.634	ug/l #	45
26) 2,2-Dichloropropane	4.580	77	507	0.227	ug/l #	52
31) Cyclohexane	5.556	56	2992	1.362	ug/l #	53
36) 1,1-Dichloropropene	5.562	75	11004	5.176	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14316	5.983	ug/l #	15
68) m/p-Xylenes	10.305	106	891	0.291	ug/l	98
69) o-Xylene	10.646	106	934	0.306	ug/l	96
76) 1,2,3-Trichloropropane	11.085	75	55862	25.355	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55862	74.570	ug/l #	12
90) Hexachloroethane	12.640	117	282	0.287	ug/l #	9
95) Naphthalene	13.786	128	158	1.310	ug/l #	69

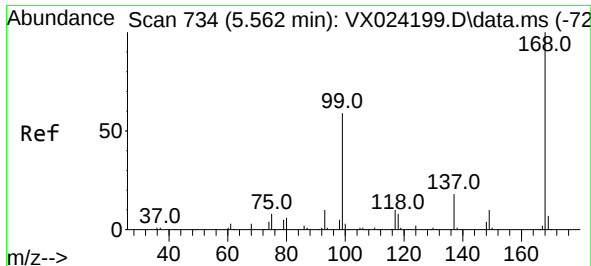
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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33134

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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

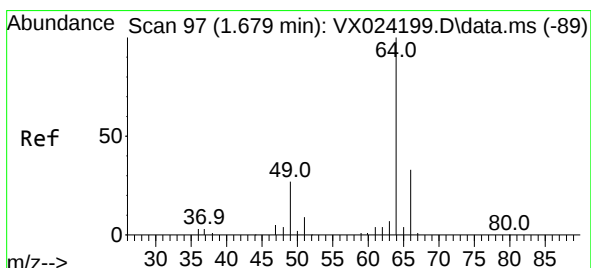
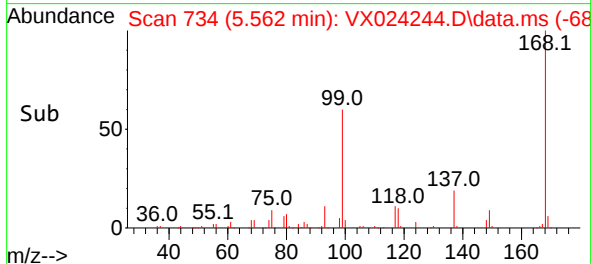
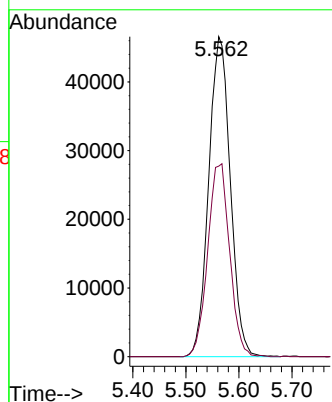
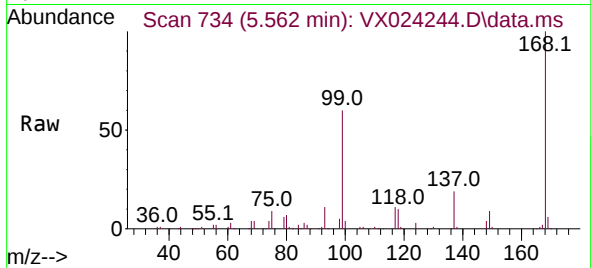




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

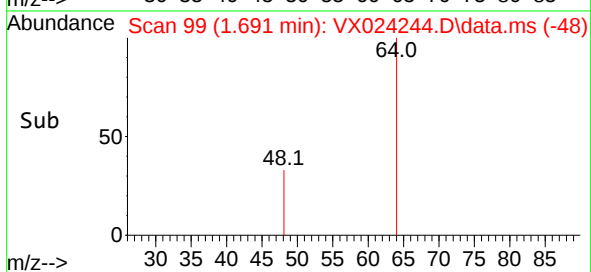
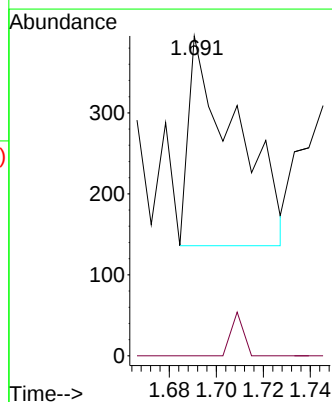
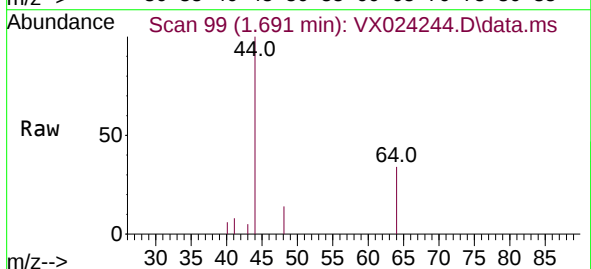
Instrument :
MSVOA_X
ClientSampled :
33134

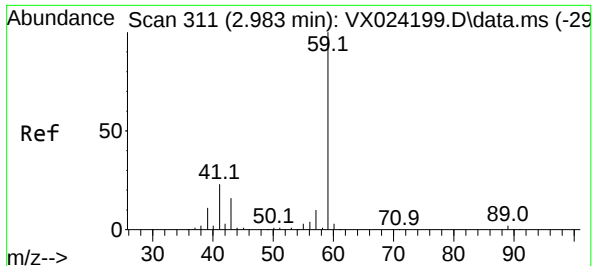
Tgt Ion:168 Resp: 131751
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#6
Chloroethane
Concen: 2.325 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

Tgt Ion: 64 Resp: 362
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



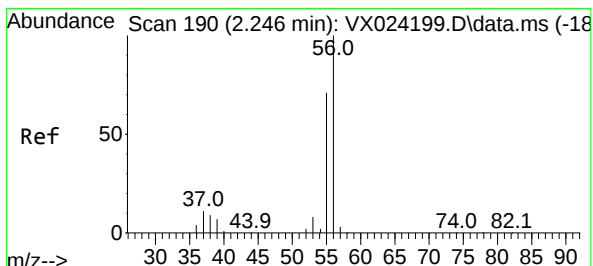
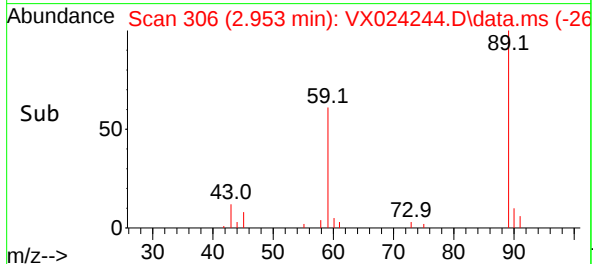
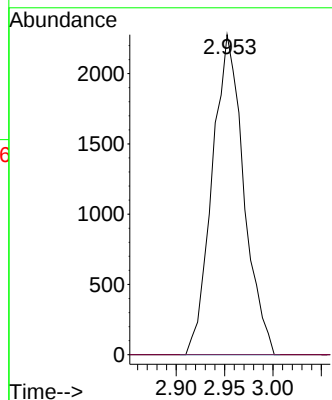
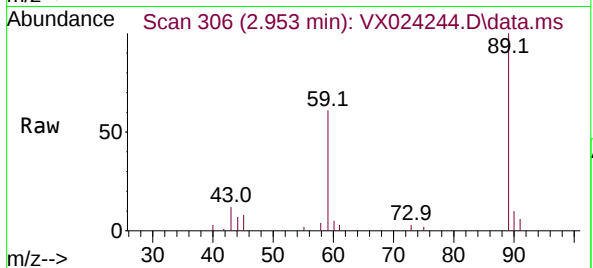


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

Instrument :
MSVOA_X
ClientSampled :
33134

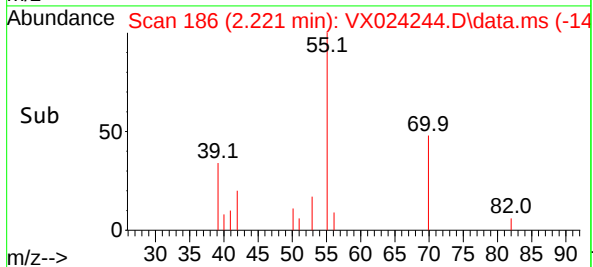
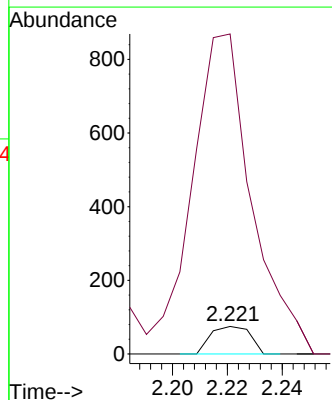
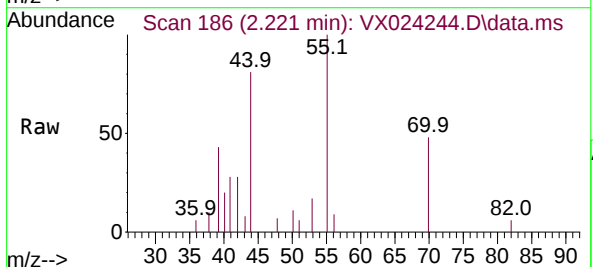
Tgt Ion: 59 Resp: 5163
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

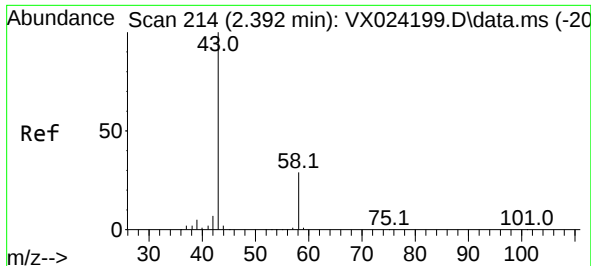


#13

Acrolein
Concen: 0.606 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.025 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 1748.0 56.4 84.6#

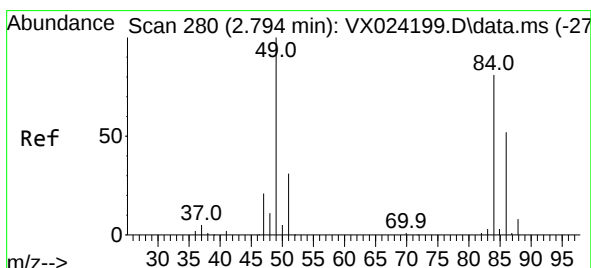
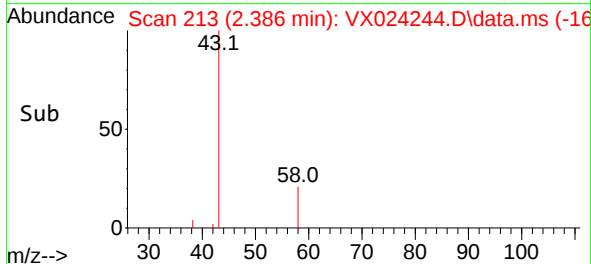
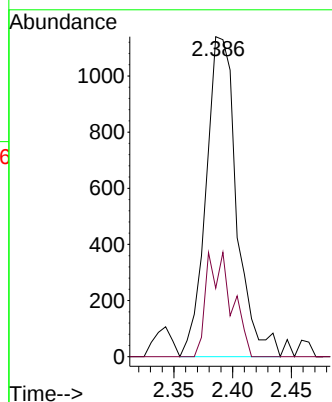
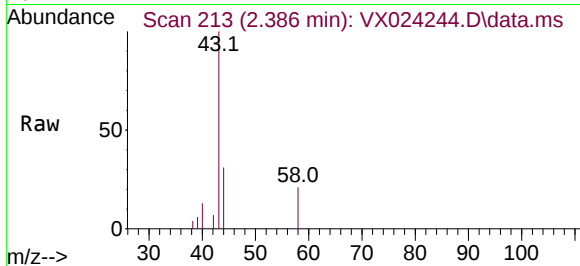




#16
Acetone
Concen: 2.582 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

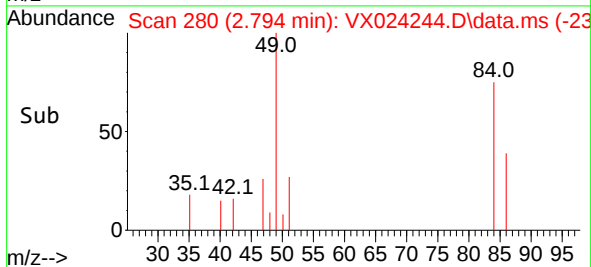
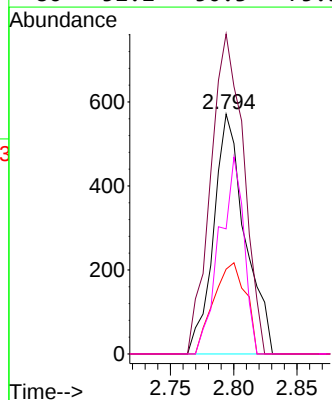
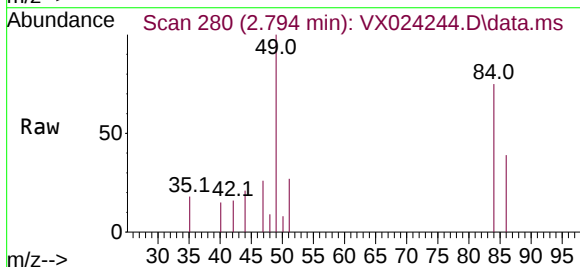
Instrument :
MSVOA_X
ClientSampled :
33134

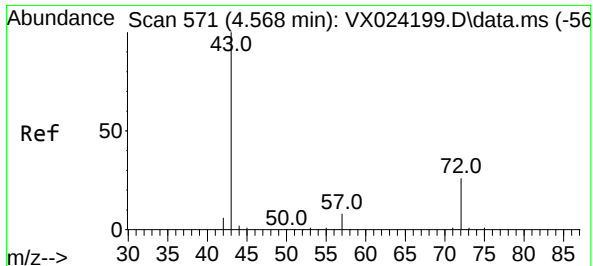
Tgt Ion: 43 Resp: 2068
Ion Ratio Lower Upper
43 100
58 21.4 27.8 41.8#



#20
Methylene Chloride
Concen: 0.641 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

Tgt Ion: 84 Resp: 986
Ion Ratio Lower Upper
84 100
49 133.5 88.6 132.8#
51 35.4 27.0 40.6
86 52.2 50.3 75.5

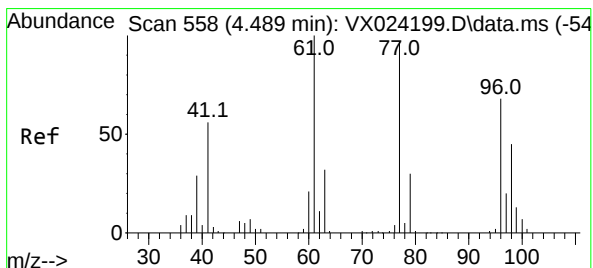
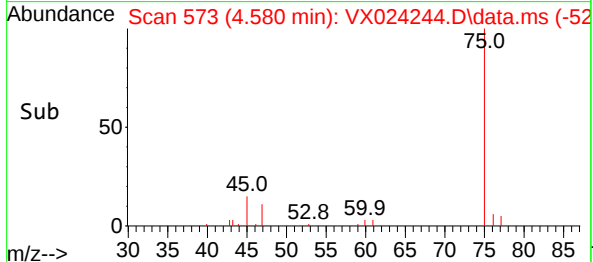
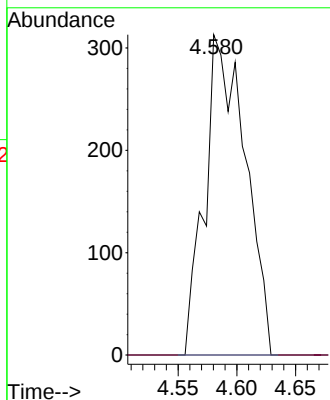
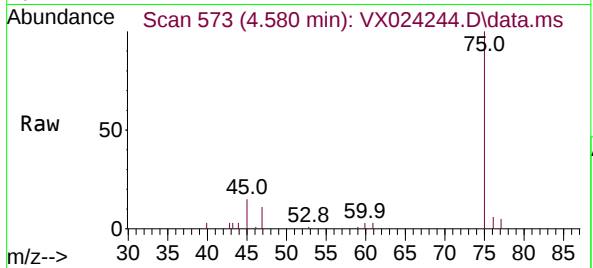




#25
2-Butanone
Concen: 0.634 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

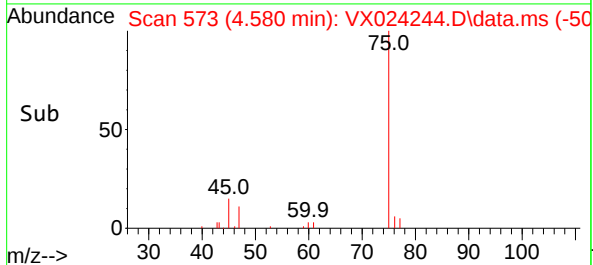
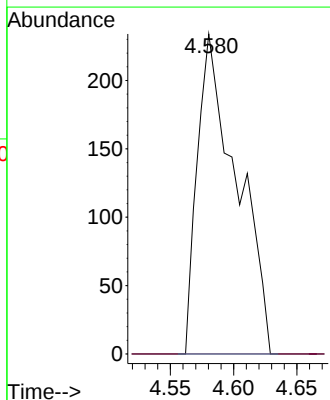
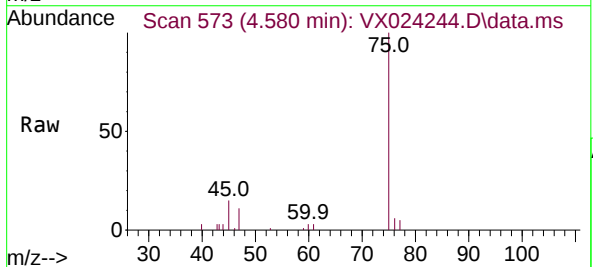
Instrument :
MSVOA_X
ClientSampled :
33134

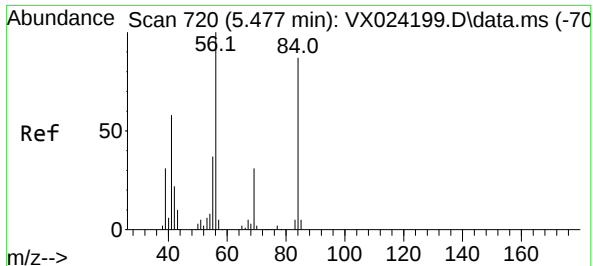
Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.227 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.091 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

Tgt Ion: 77 Resp: 507
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#





#31

Cyclohexane

Concen: 1.362 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024244.D

Acq: 15 Sep 2021 06:25

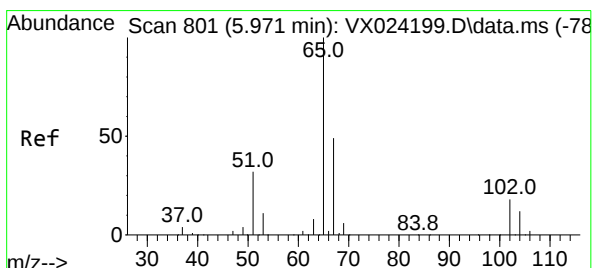
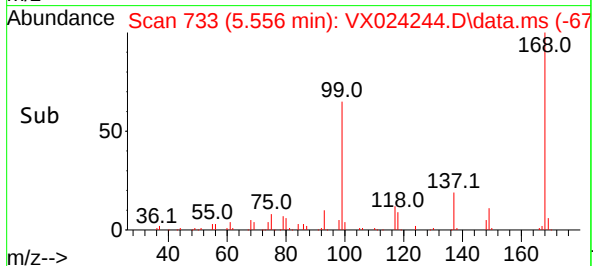
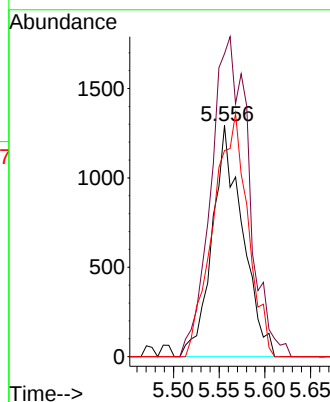
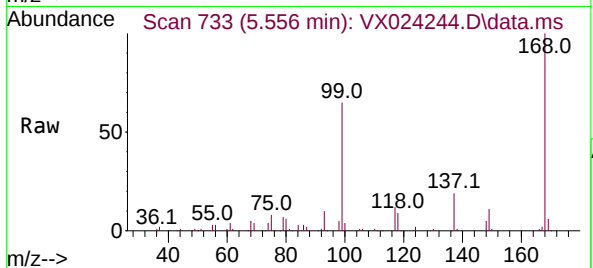
Tgt Ion: 56 Resp: 2992

Ion Ratio Lower Upper

56 100

69 131.0 25.3 37.9#

84 89.1 71.4 107.0



#33

1,2-Dichloroethane-d4

Concen: 54.211 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024244.D

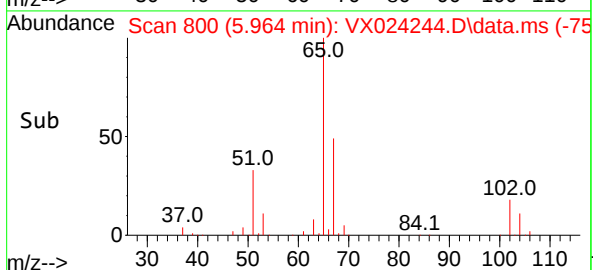
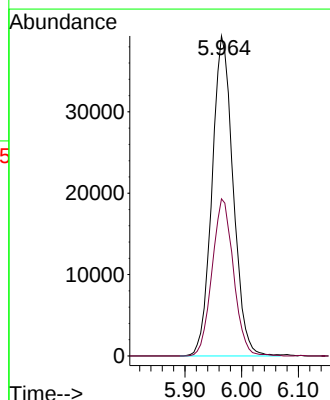
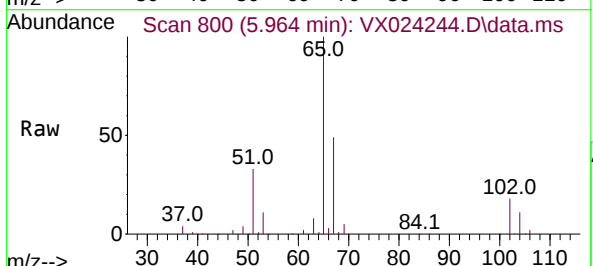
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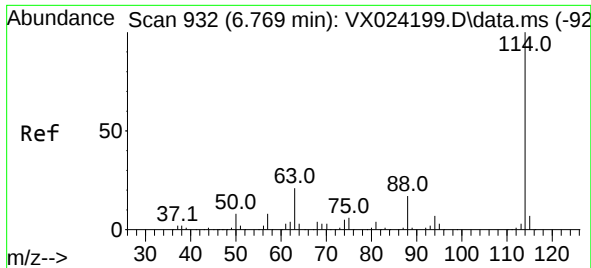
Tgt Ion: 65 Resp: 101847

Ion Ratio Lower Upper

65 100

67 49.7 0.0 105.4

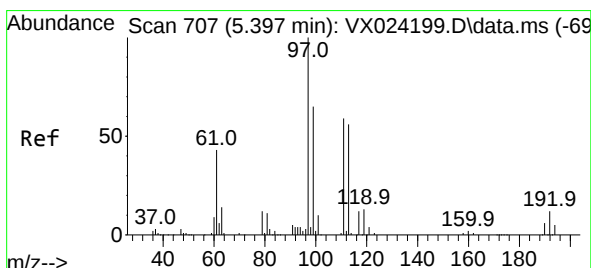
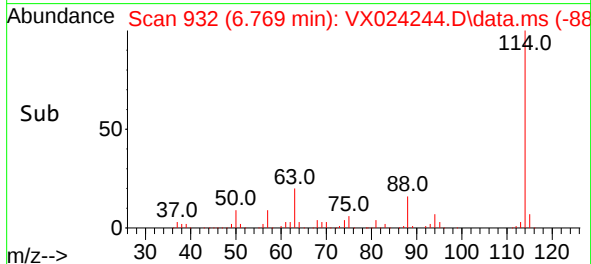
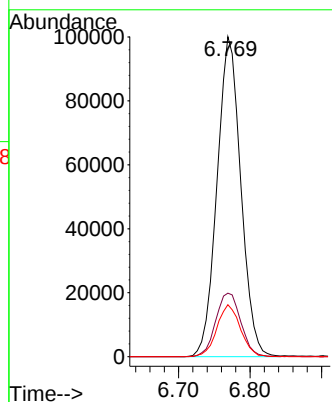
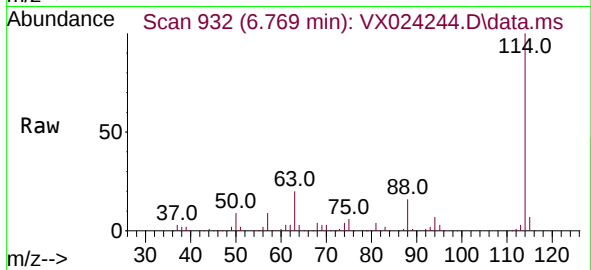




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

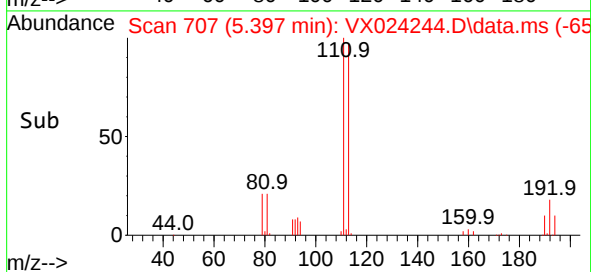
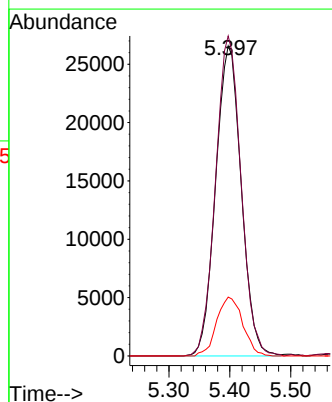
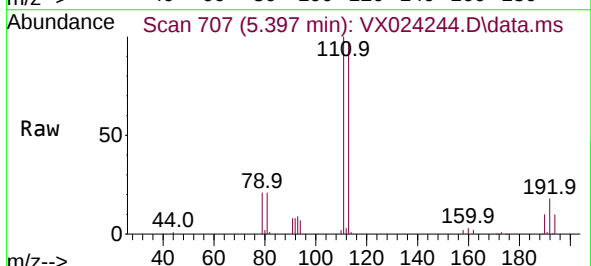
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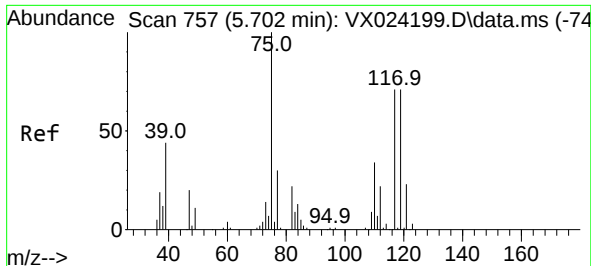
Tgt Ion:	114	Resp:	231233
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	40.8
88	16.2	0.0	32.8



#35
Dibromofluoromethane
Concen: 49.882 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

Tgt Ion:	113	Resp:	77354
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.9	122.9
192	19.4	16.7	25.1

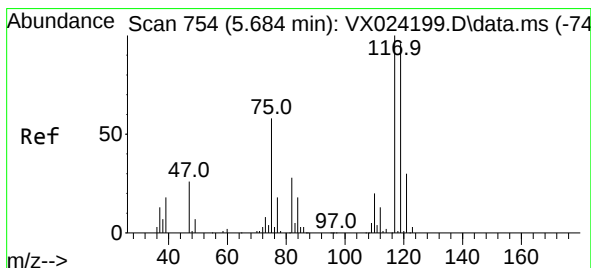
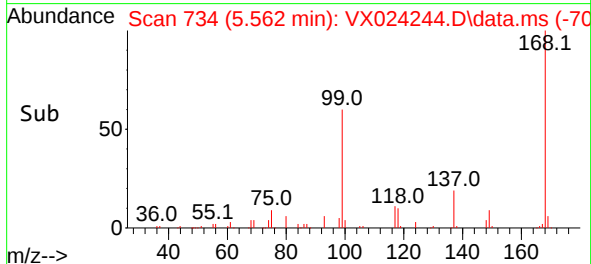
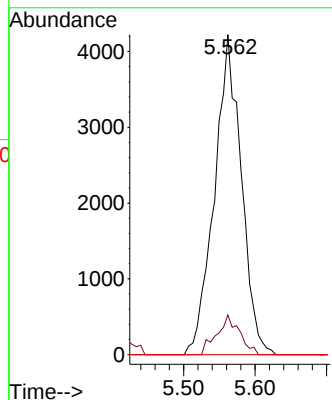
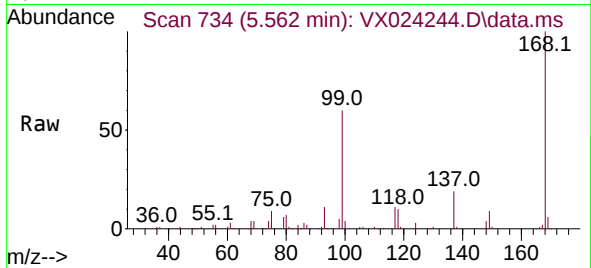




#36
1,1-Dichloropropene
Concen: 5.176 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

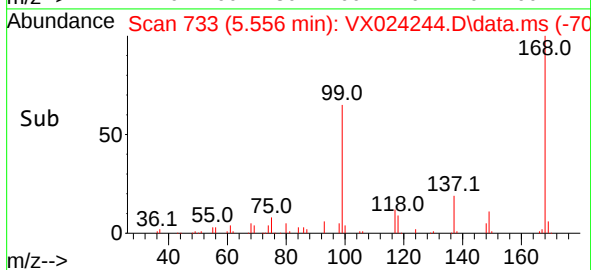
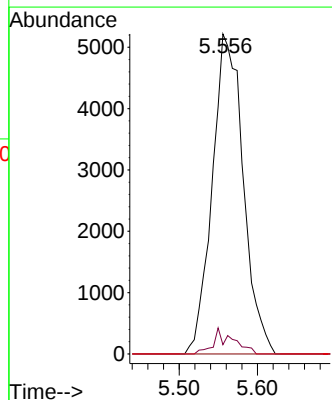
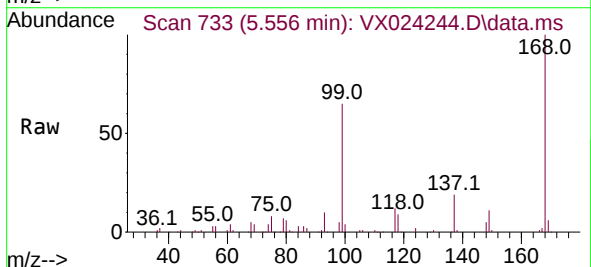
Instrument :
MSVOA_X
ClientSampled :
33134

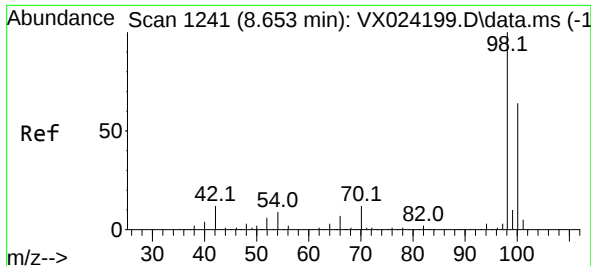
Tgt Ion: 75 Resp: 11004
Ion Ratio Lower Upper
75 100
110 10.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.983 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

Tgt Ion: 117 Resp: 14316
Ion Ratio Lower Upper
117 100
119 2.9 76.2 114.2#
121 0.0 24.8 37.2#

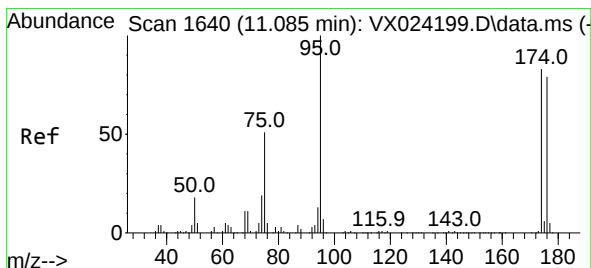
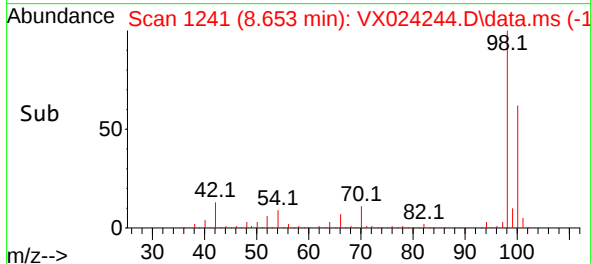
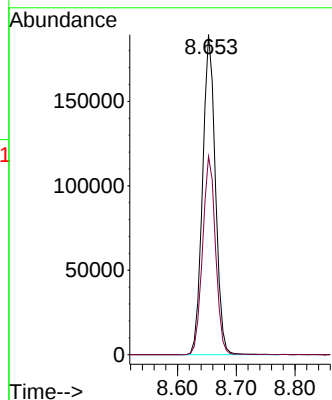
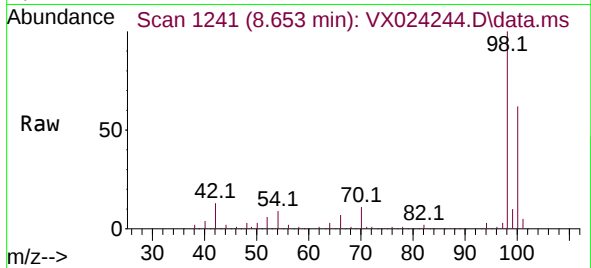




#50
Toluene-d8
Concen: 50.757 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

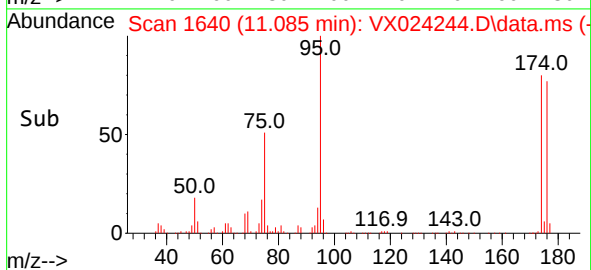
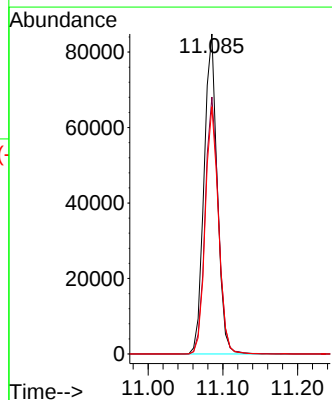
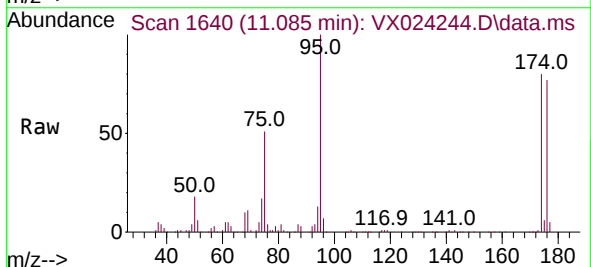
Instrument :
MSVOA_X
ClientSampled :
33134

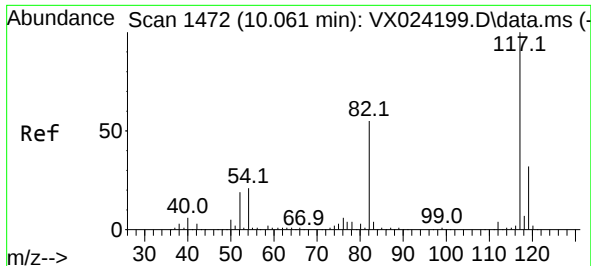
Tgt Ion: 98 Resp: 286742
Ion Ratio Lower Upper
98 100
100 62.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.340 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

Tgt Ion: 95 Resp: 104077
Ion Ratio Lower Upper
95 100
174 81.2 0.0 154.6
176 77.4 0.0 155.8

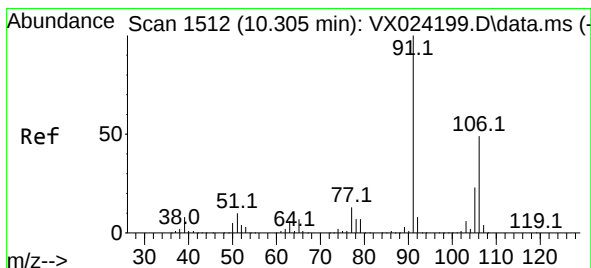
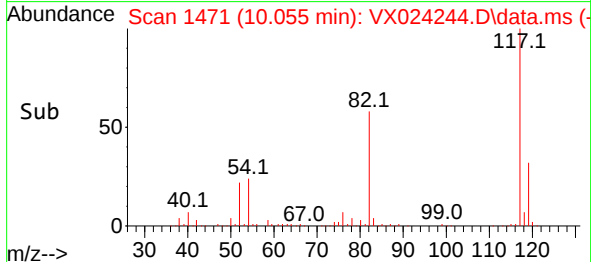
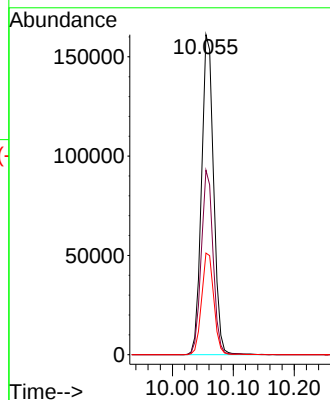
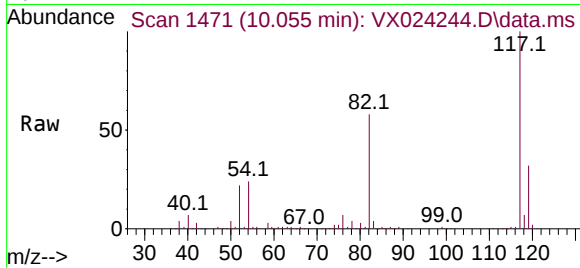




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

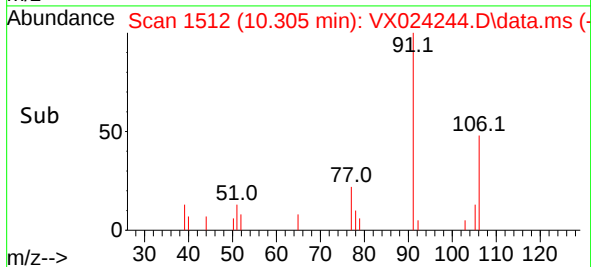
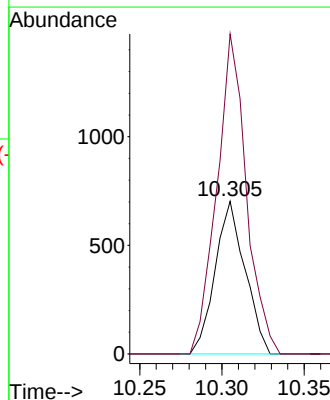
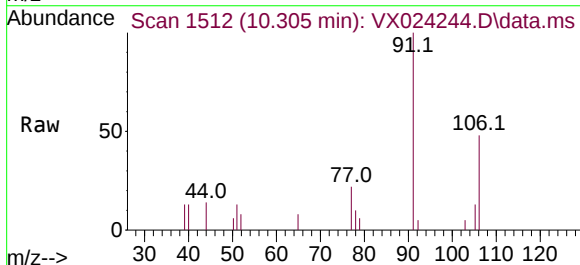
Instrument :
MSVOA_X
ClientSampled :
33134

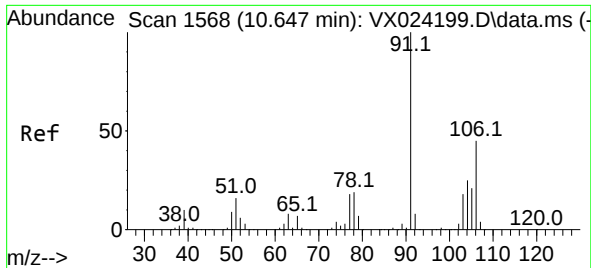
Tgt Ion:117 Resp: 222153
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 31.8 26.6 39.8



#68
m/p-Xylenes
Concen: 0.291 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

Tgt Ion:106 Resp: 891
Ion Ratio Lower Upper
106 100
91 206.5 162.8 244.2

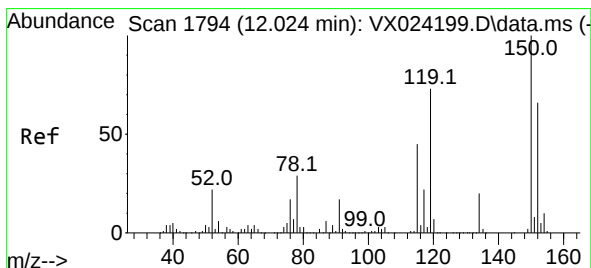
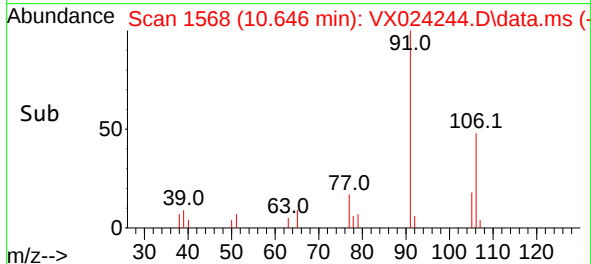
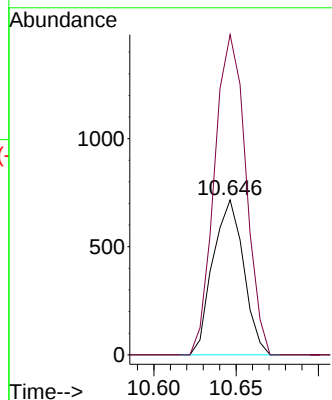
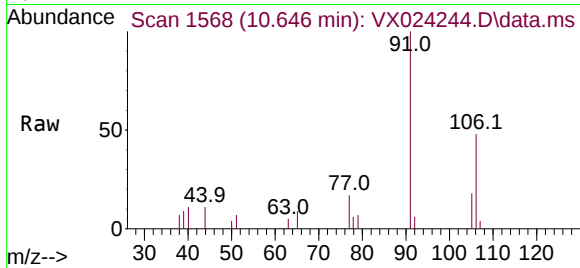




#69
o-Xylene
Concen: 0.306 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

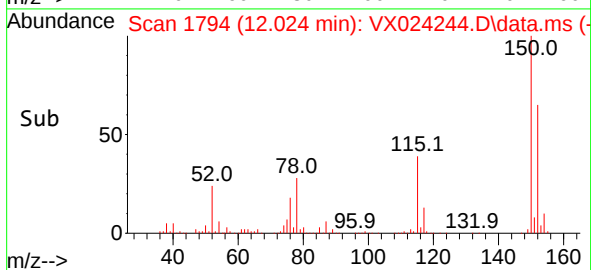
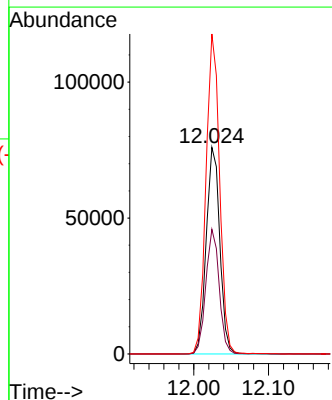
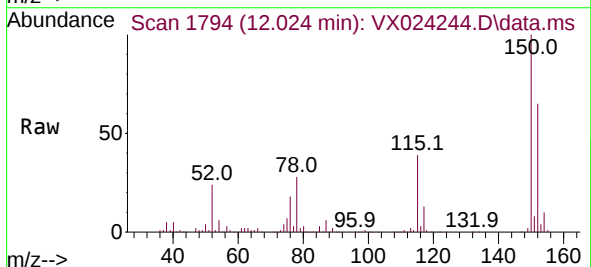
Instrument :
MSVOA_X
ClientSampled :
33134

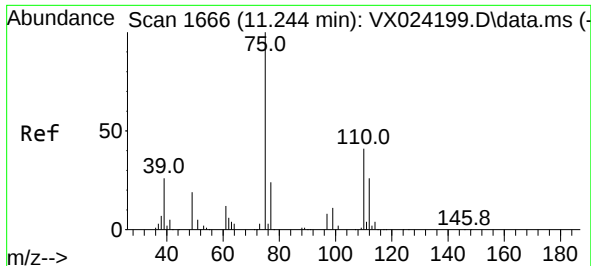
Tgt Ion:106 Resp: 934
Ion Ratio Lower Upper
106 100
91 210.0 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

Tgt Ion:152 Resp: 95815
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 154.8 0.0 349.0

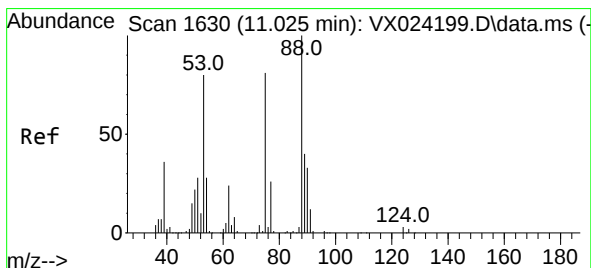
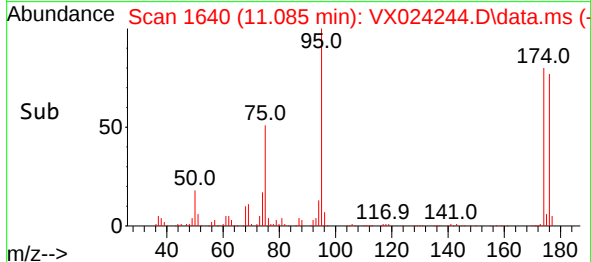
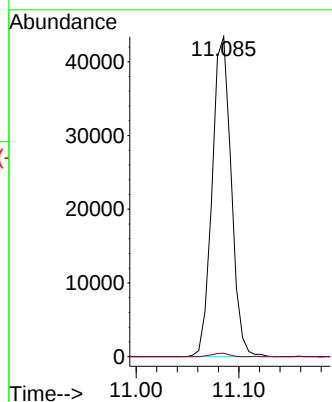
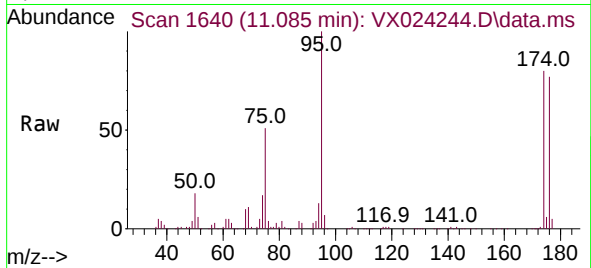




#76
1,2,3-Trichloropropane
Concen: 25.355 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

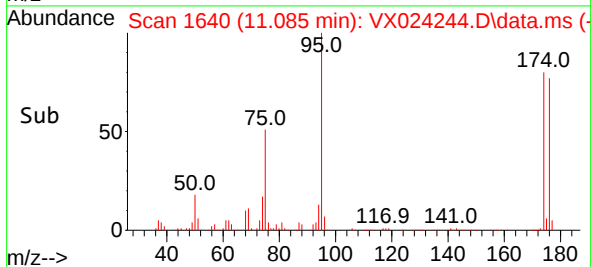
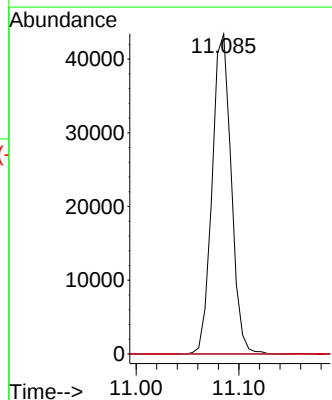
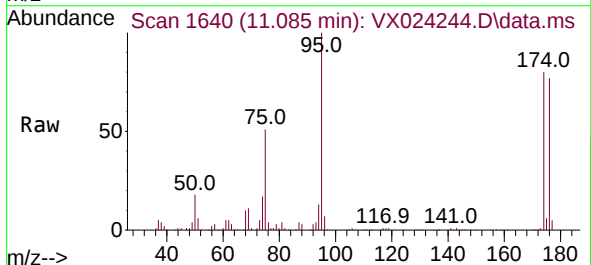
Instrument :
MSVOA_X
ClientSampled :
33134

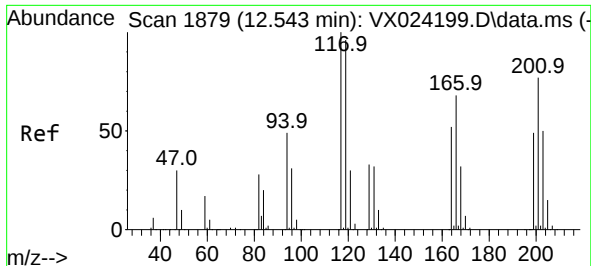
Tgt Ion: 75 Resp: 55862
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.570 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

Tgt Ion: 75 Resp: 55862
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

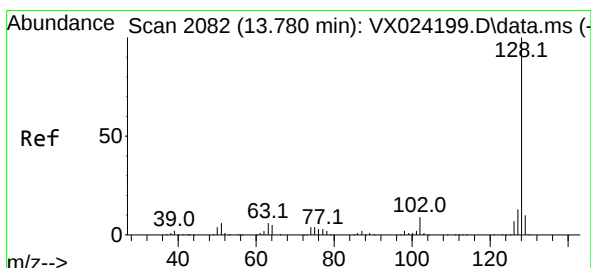
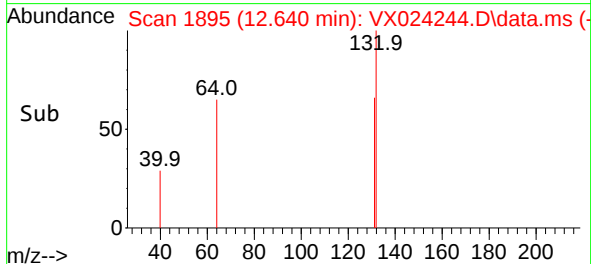
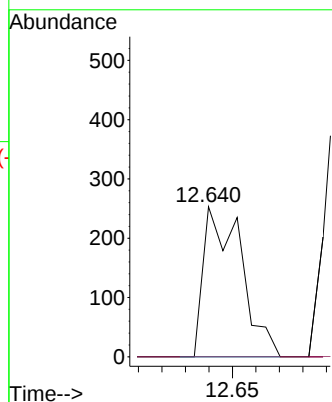
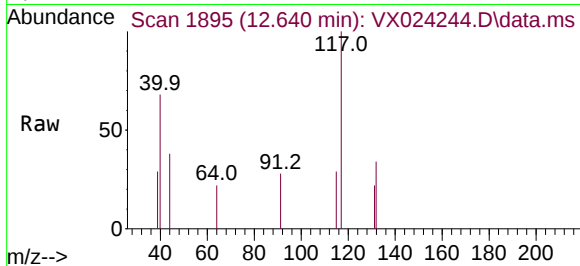




#90
Hexachloroethane
Concen: 0.287 ug/l
RT: 12.640 min Scan# 1895
Delta R.T. 0.097 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

Instrument :
MSVOA_X
ClientSampled :
33134

Tgt Ion:117 Resp: 282
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#95
Naphthalene
Concen: 1.310 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024244.D
Acq: 15 Sep 2021 06:25

Tgt Ion:128 Resp: 158
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

