

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024243.D
 Acq On : 15 Sep 2021 06:02
 Operator : JC/MD
 Sample : M3724-17 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33133

Quant Time: Sep 15 07:33:48 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)

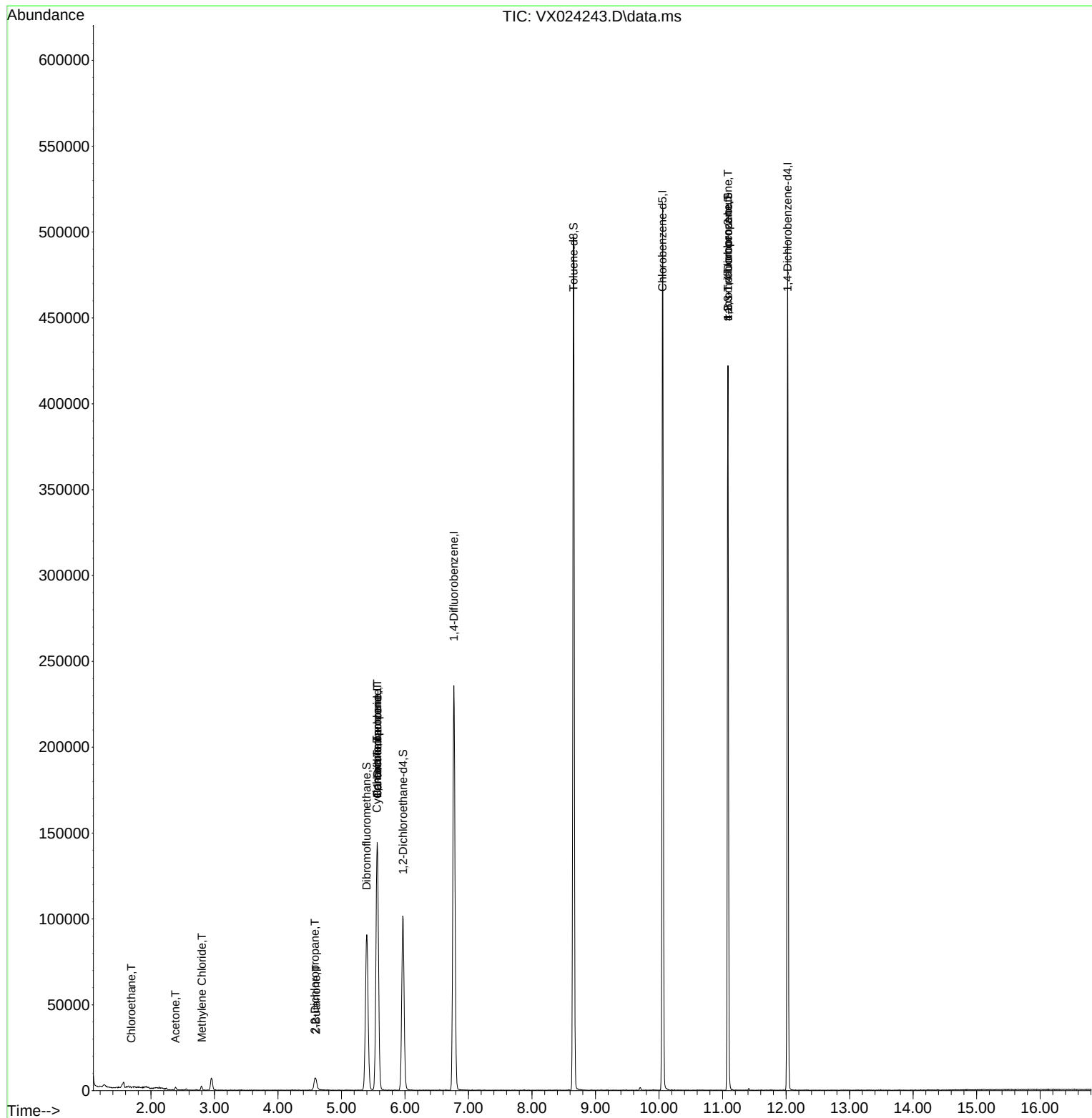
Internal Standards						
1) Pentafluorobenzene	5.562	168	134041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	103327	54.059	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.120%	
35) Dibromofluoromethane	5.397	113	79650	50.861	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.720%	
50) Toluene-d8	8.653	98	290543	50.928	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.860%	
62) 4-Bromofluorobenzene	11.085	95	106284	47.872	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.740%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	220	2.195	ug/l #	43
11) Tert butyl alcohol	2.959	59	4347	Below Cal	#	73
16) Acetone	2.386	43	1570	1.926	ug/l #	62
20) Methylene Chloride	2.800	84	1012	0.647	ug/l #	95
25) 2-Butanone	4.599	43	520	0.433	ug/l #	45
26) 2,2-Dichloropropane	4.580	77	592	0.261	ug/l #	52
31) Cyclohexane	5.556	56	3055	1.366	ug/l #	35
36) 1,1-Dichloropropene	5.562	75	10628	4.950	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14170	5.864	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	58353	26.328	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58353	77.431	ug/l #	12

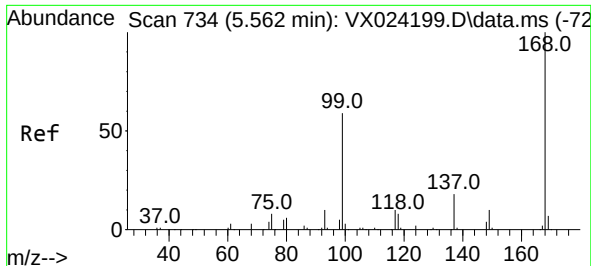
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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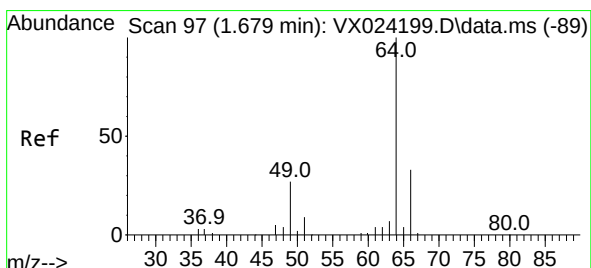
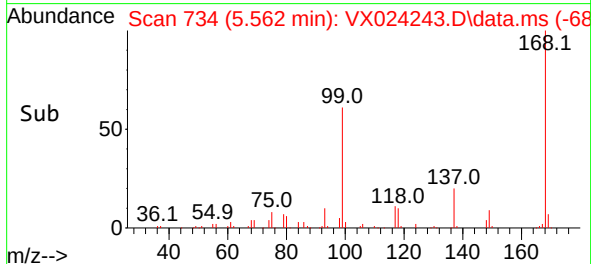
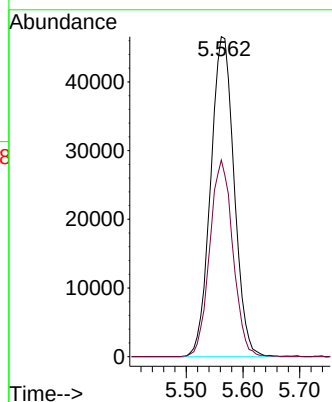
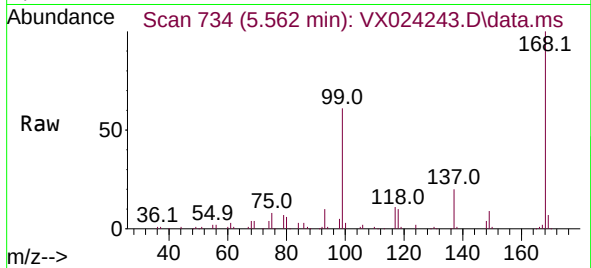




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024243.D
Acq: 15 Sep 2021 06:02

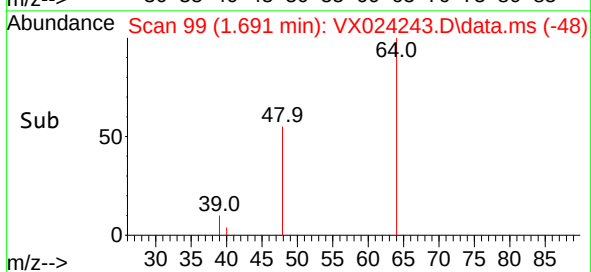
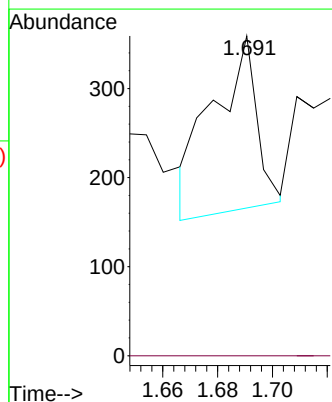
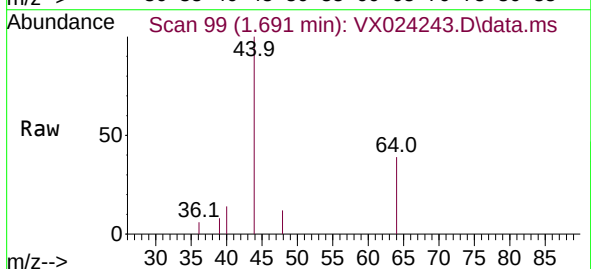
Instrument :
MSVOA_X
ClientSampleId :
33133

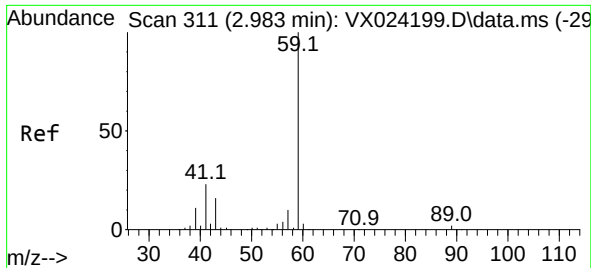
Tgt Ion:168 Resp: 134041
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#6
Chloroethane
Concen: 2.195 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024243.D
Acq: 15 Sep 2021 06:02

Tgt Ion: 64 Resp: 220
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

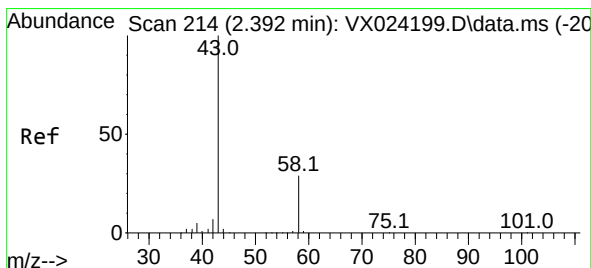
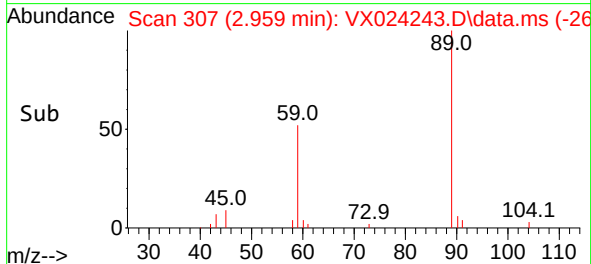
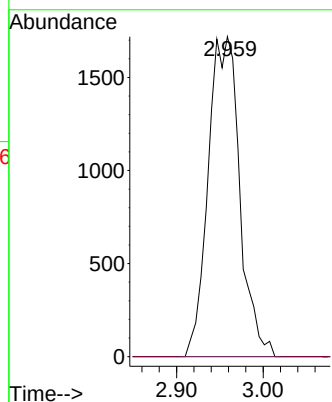
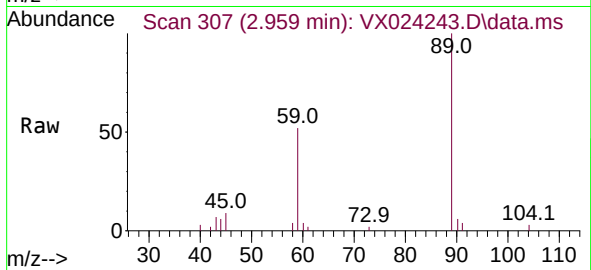




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024243.D
Acq: 15 Sep 2021 06:02

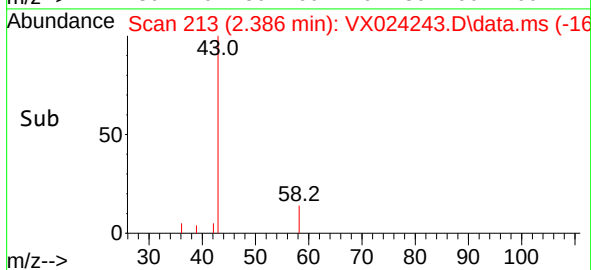
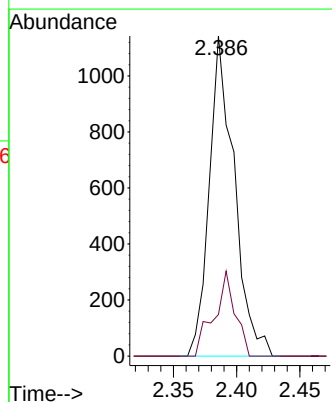
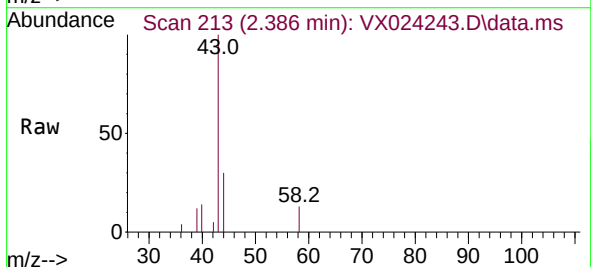
Instrument :
MSVOA_X
ClientSampleId :
33133

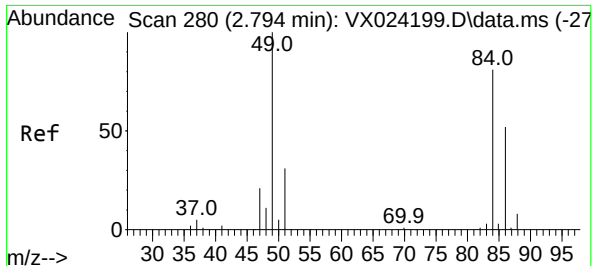
Tgt Ion: 59 Resp: 4347
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.926 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024243.D
Acq: 15 Sep 2021 06:02

Tgt Ion: 43 Resp: 1570
Ion Ratio Lower Upper
43 100
58 12.9 27.8 41.8#





#20

Methylene Chloride

Concen: 0.647 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX024243.D

Acq: 15 Sep 2021 06:02

Instrument :

MSVOA_X

ClientSampleId :

33133

Tgt Ion: 84 Resp: 1012

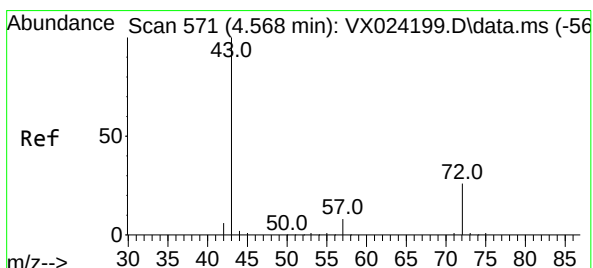
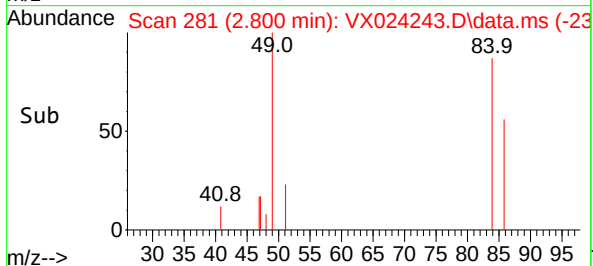
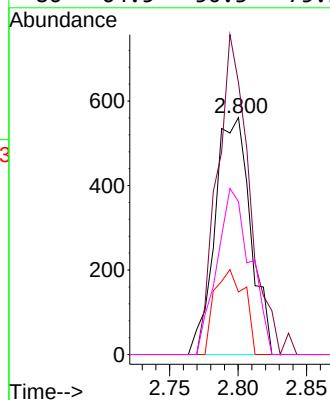
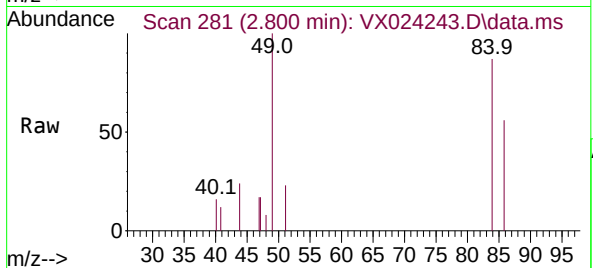
Ion Ratio Lower Upper

84 100

49 114.8 88.6 132.8

51 26.4 27.0 40.6#

86 64.5 50.3 75.5



#25

2-Butanone

Concen: 0.433 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.031 min

Lab File: VX024243.D

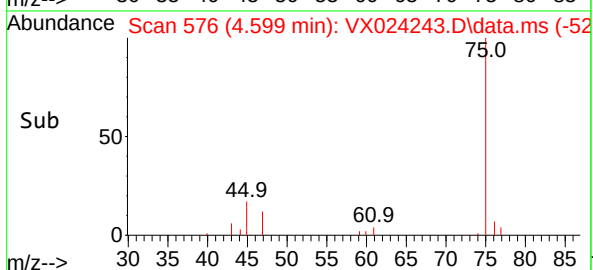
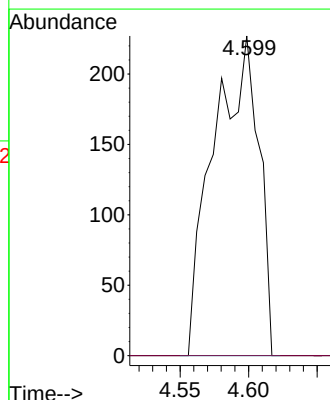
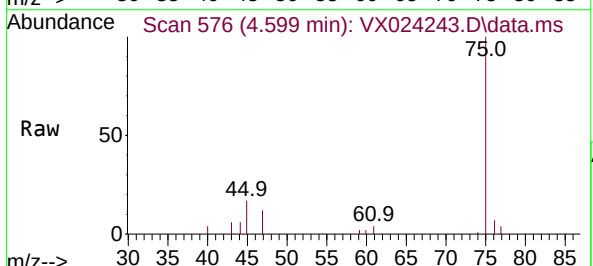
Acq: 15 Sep 2021 06:02

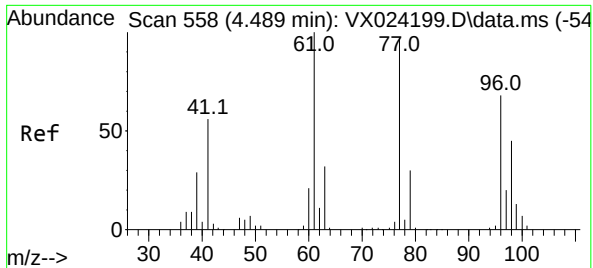
Tgt Ion: 43 Resp: 520

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#26

2,2-Dichloropropane

Concen: 0.261 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.091 min

Lab File: VX024243.D

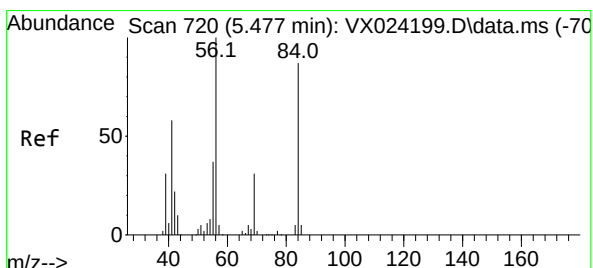
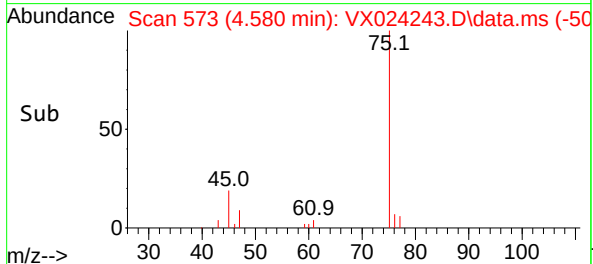
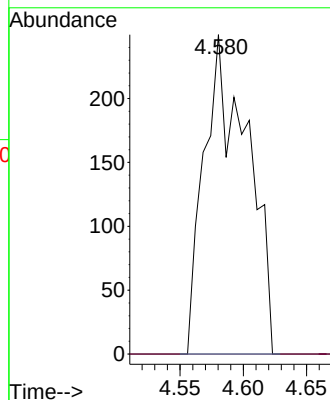
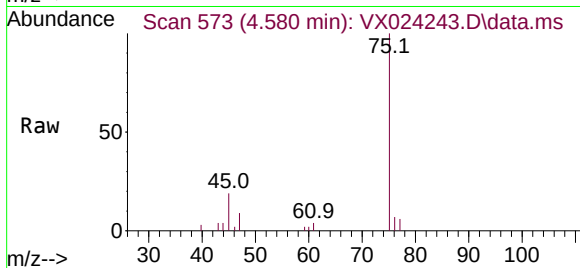
Acq: 15 Sep 2021 06:02

Tgt Ion: 77 Resp: 592

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#



#31

Cyclohexane

Concen: 1.366 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024243.D

Acq: 15 Sep 2021 06:02

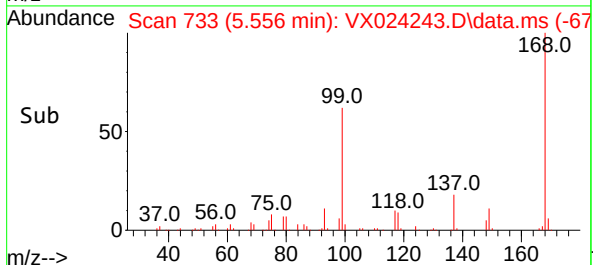
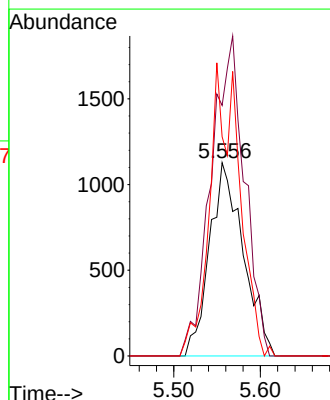
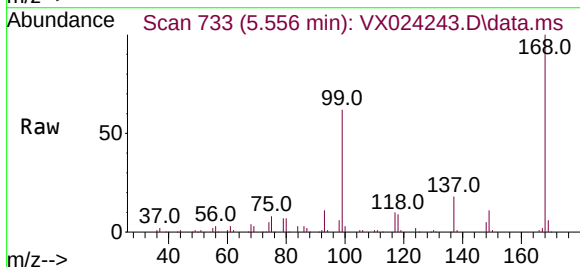
Tgt Ion: 56 Resp: 3055

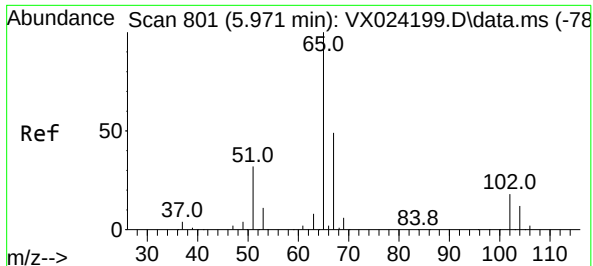
Ion Ratio Lower Upper

56 100

69 129.6 25.3 37.9#

84 113.4 71.4 107.0#



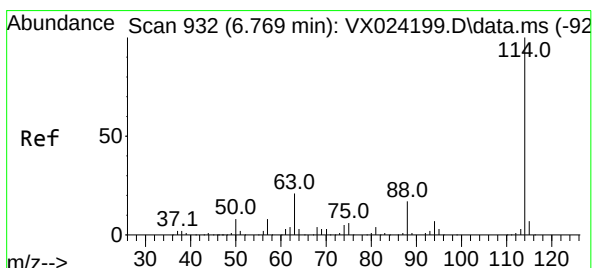
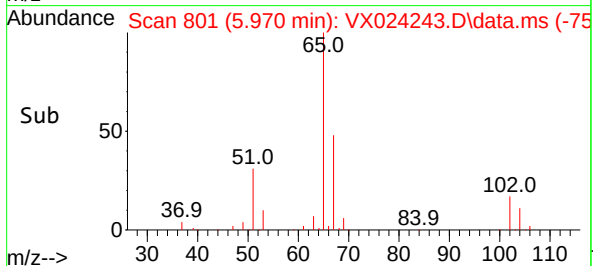
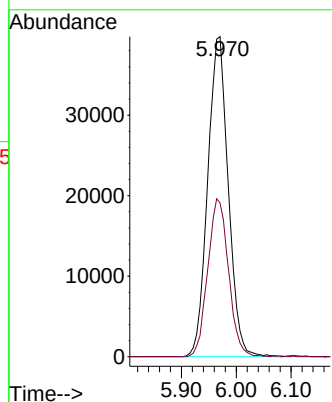
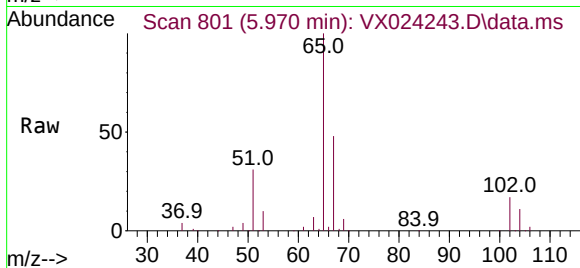


#33

1,2-Dichloroethane-d4
Concen: 54.059 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.001 min
Lab File: VX024243.D
Acq: 15 Sep 2021 06:02

Instrument :
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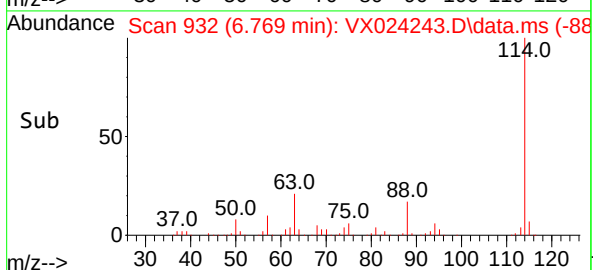
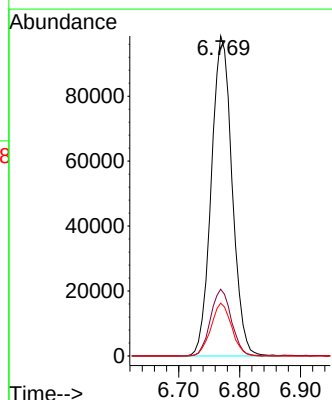
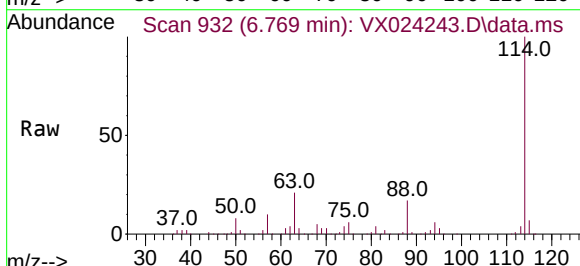
Tgt Ion: 65 Resp: 103327
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

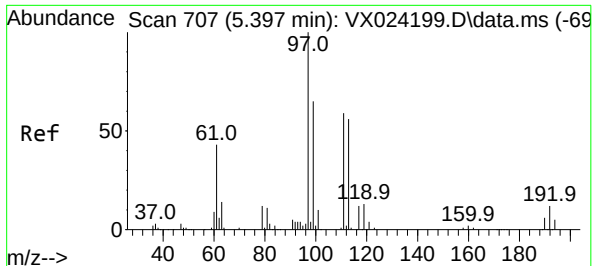


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024243.D
Acq: 15 Sep 2021 06:02

Tgt Ion: 114 Resp: 233512
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.5 0.0 32.8

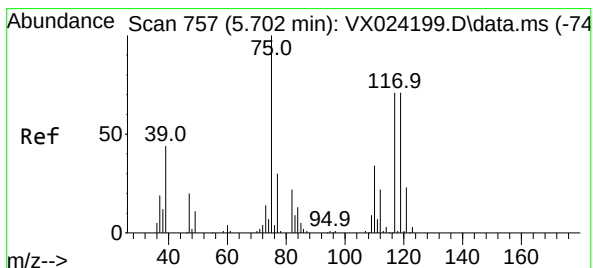
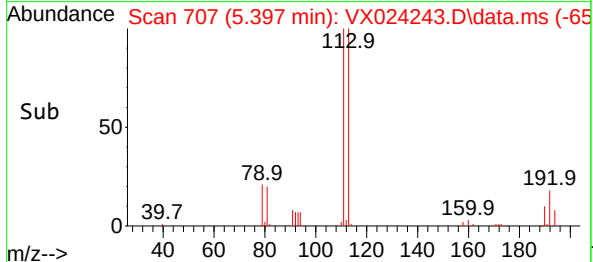
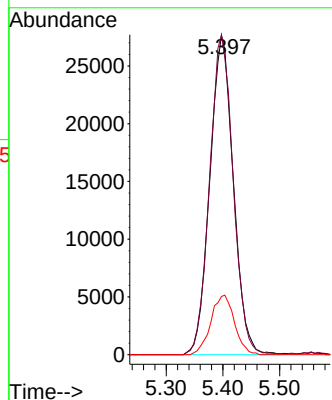
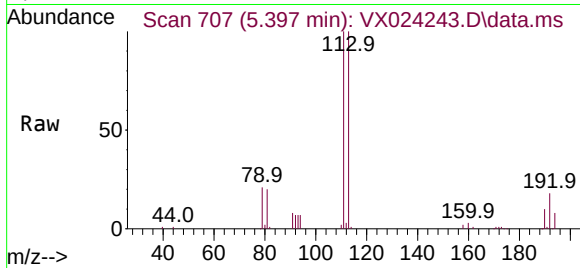




#35
Dibromofluoromethane
Concen: 50.861 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024243.D
Acq: 15 Sep 2021 06:02

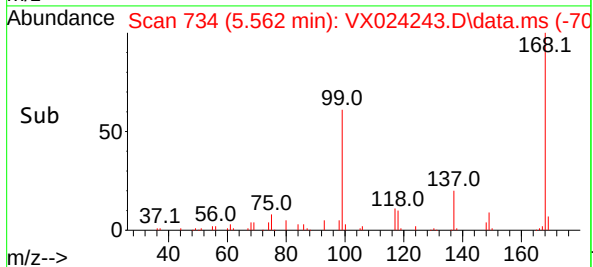
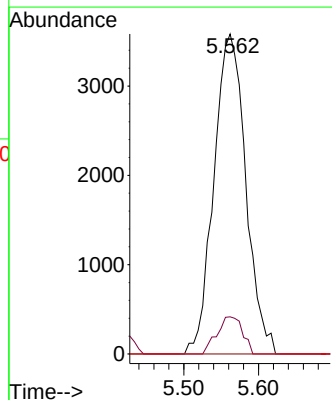
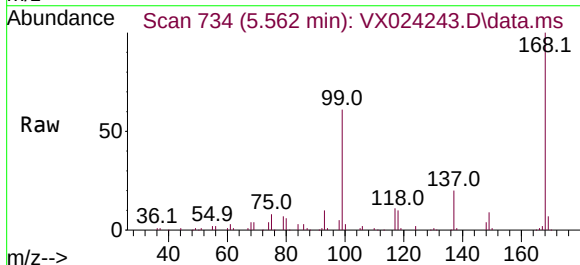
Instrument :
MSVOA_X
ClientSampled :
33133

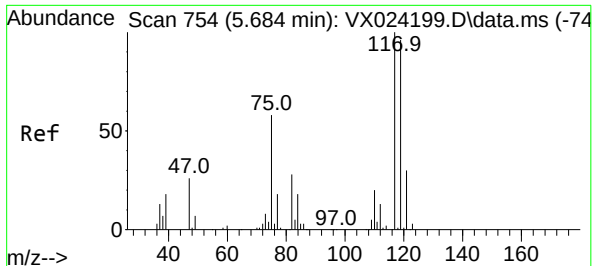
Tgt Ion:113 Resp: 79650
Ion Ratio Lower Upper
113 100
111 100.4 81.9 122.9
192 18.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.950 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024243.D
Acq: 15 Sep 2021 06:02

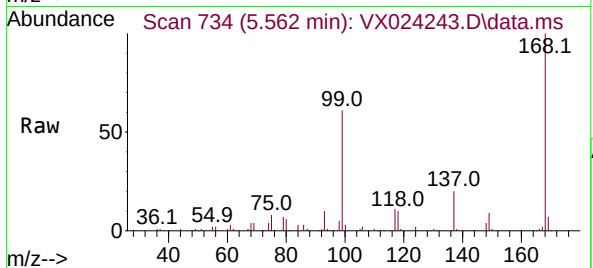
Tgt Ion: 75 Resp: 10628
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



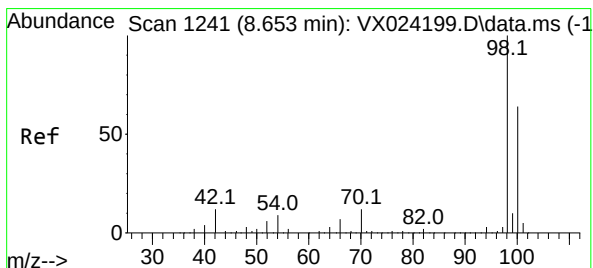
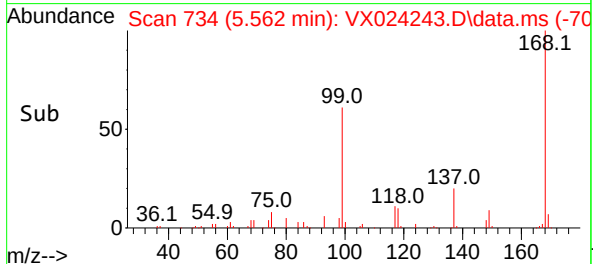
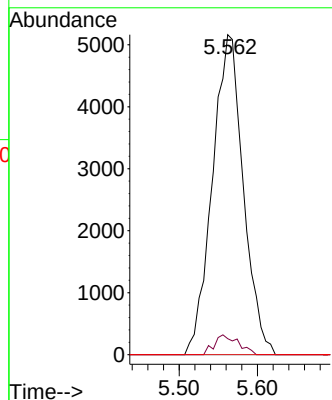


#38
Carbon Tetrachloride
Concen: 5.864 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024243.D
Acq: 15 Sep 2021 06:02

Instrument :
MSVOA_X
ClientSampled :
33133

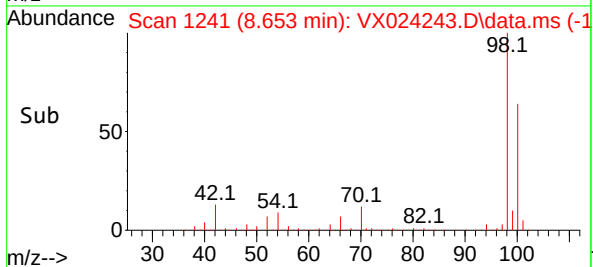
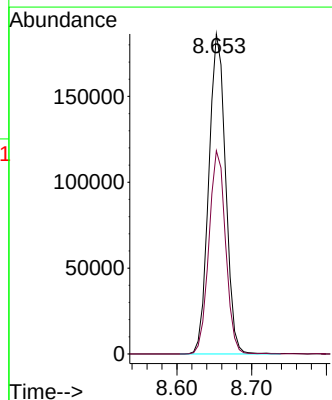
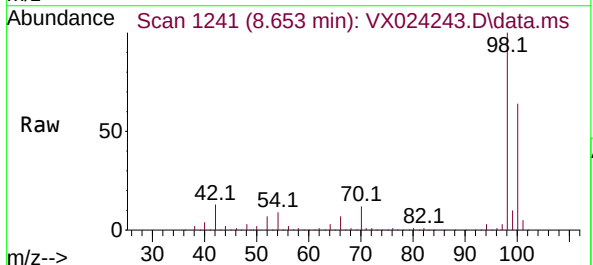


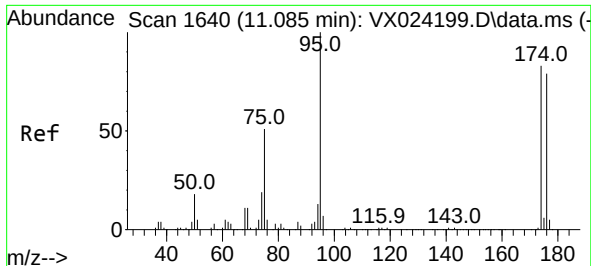
Tgt Ion:117 Resp: 14170
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.928 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024243.D
Acq: 15 Sep 2021 06:02

Tgt Ion: 98 Resp: 290543
Ion Ratio Lower Upper
98 100
100 63.1 51.9 77.9

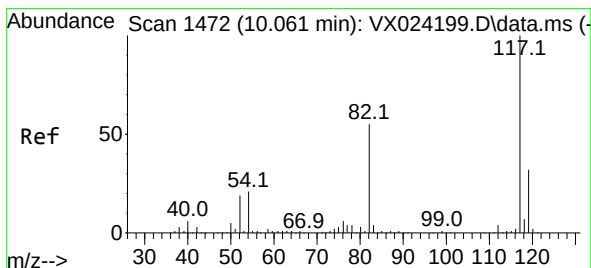
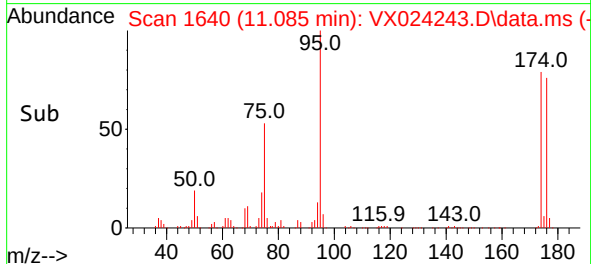
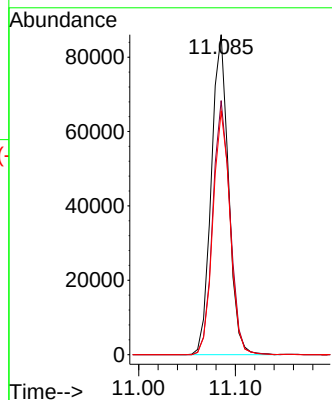
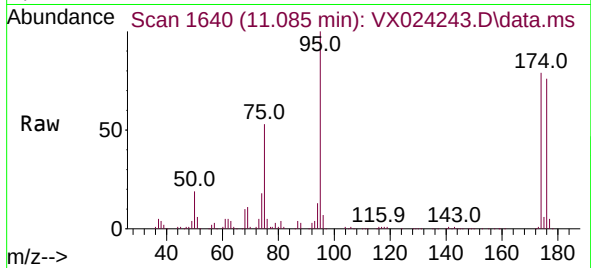




#62
4-Bromofluorobenzene
Concen: 47.872 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024243.D
Acq: 15 Sep 2021 06:02

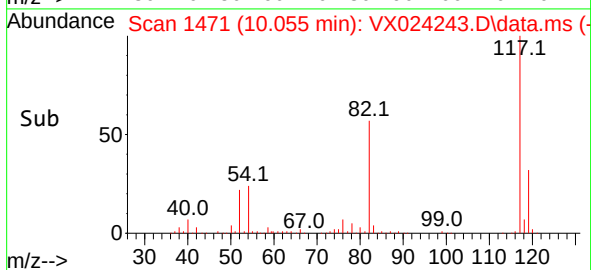
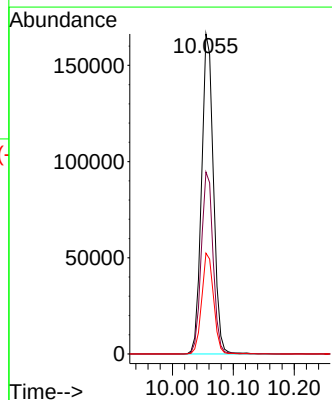
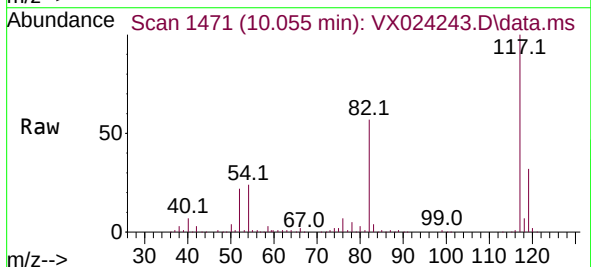
Instrument :
MSVOA_X
ClientSampleId :
33133

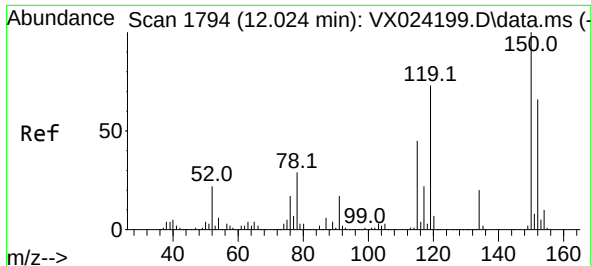
Tgt Ion: 95 Resp: 106284
Ion Ratio Lower Upper
95 100
174 79.6 0.0 154.6
176 76.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024243.D
Acq: 15 Sep 2021 06:02

Tgt Ion: 117 Resp: 225590
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.5 26.6 39.8

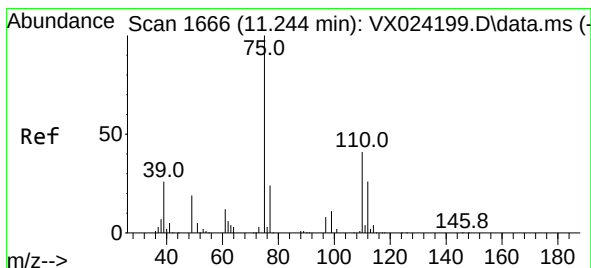
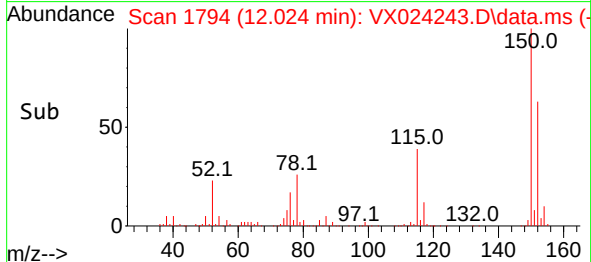
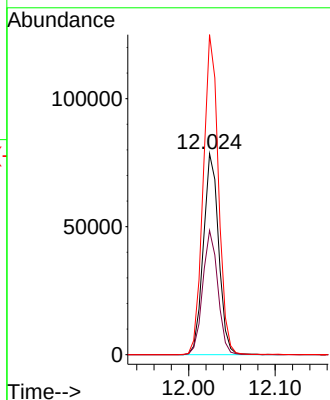
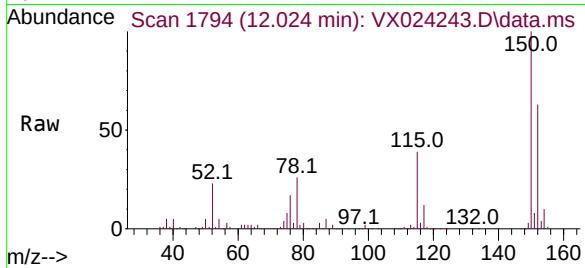




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024243.D
 Acq: 15 Sep 2021 06:02

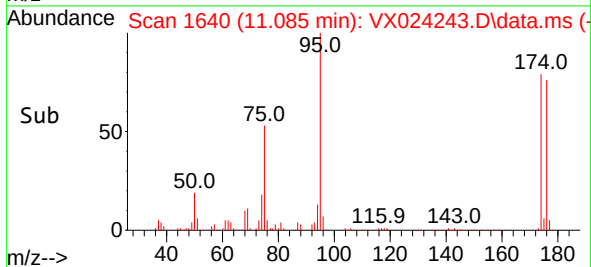
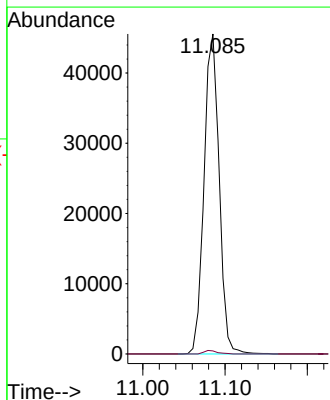
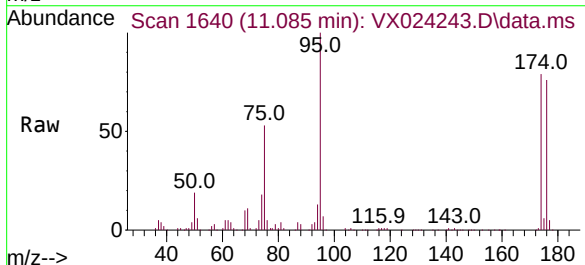
Instrument :
 MSVOA_X
 ClientSampled :
 33133

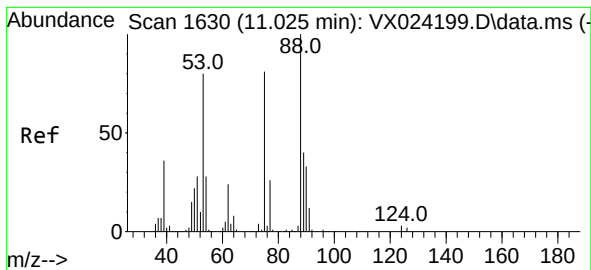
Tgt Ion:152 Resp: 96389
 Ion Ratio Lower Upper
 152 100
 115 60.9 41.1 123.3
 150 157.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.328 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024243.D
 Acq: 15 Sep 2021 06:02

Tgt Ion: 75 Resp: 58353
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.431 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX024243.D
 Acq: 15 Sep 2021 06:02

Instrument :
 MSVOA_X
 ClientSampleId :
 33133

Tgt Ion: 75 Resp: 58353
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

