

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024242.D
 Acq On : 15 Sep 2021 05:38
 Operator : JC/MD
 Sample : M3724-16 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33132

Quant Time: Sep 15 07:33:32 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)

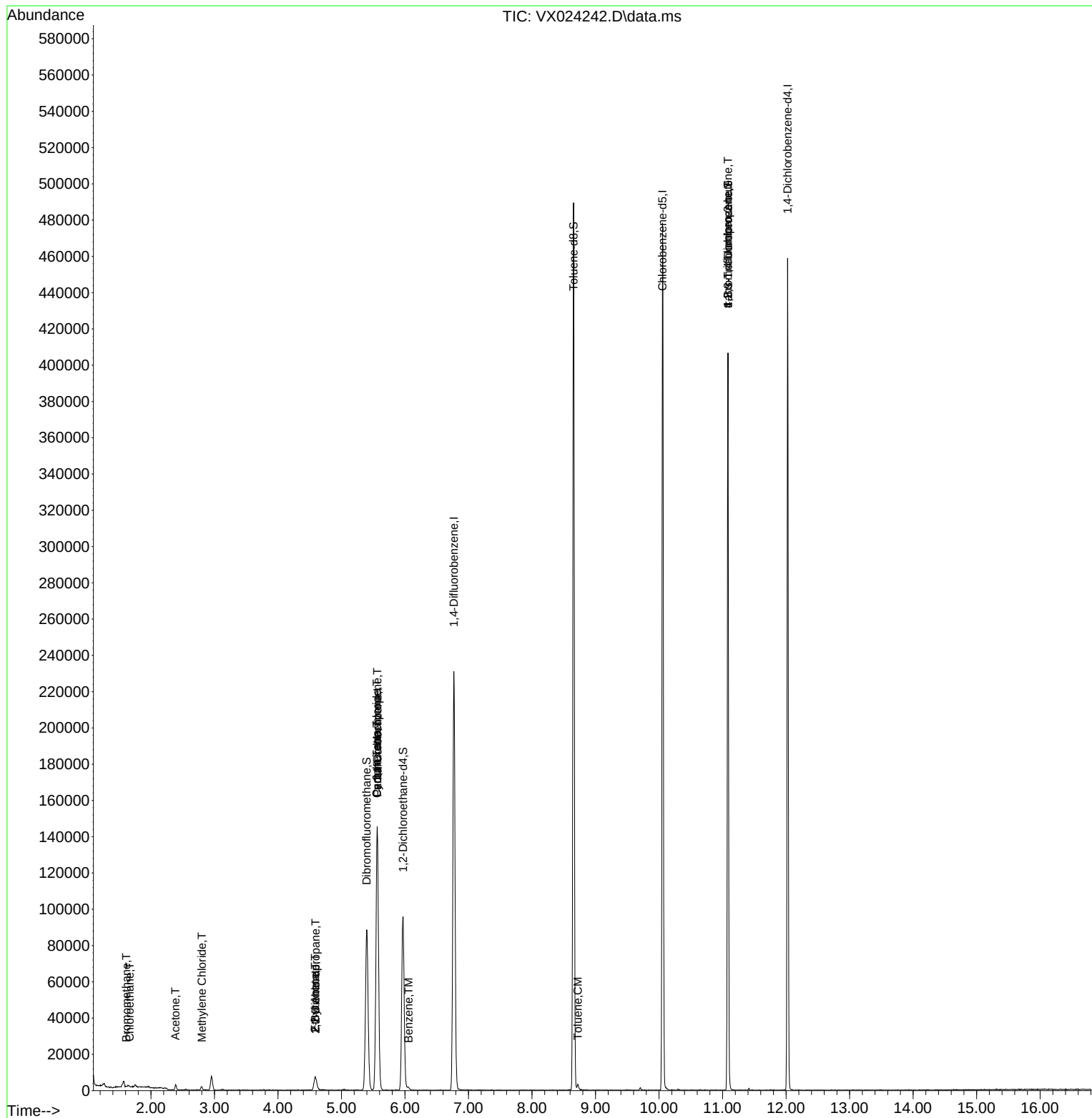
Internal Standards						
1) Pentafluorobenzene	5.568	168	132454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	100484	53.201	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.400%			
35) Dibromofluoromethane	5.397	113	76732	49.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.880%			
50) Toluene-d8	8.652	98	279781	49.983	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.960%			
62) 4-Bromofluorobenzene	11.085	95	100811	46.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.560%			
Target Compounds						Qvalue
5) Bromomethane	1.611	94	399	0.507	ug/l #	55
6) Chloroethane	1.666	64	308	2.276	ug/l #	43
11) Tert butyl alcohol	2.952	59	4716	Below Cal	#	73
16) Acetone	2.385	43	3270	4.060	ug/l	94
20) Methylene Chloride	2.800	84	967	0.625	ug/l	87
25) 2-Butanone	4.586	43	2691	2.269	ug/l #	84
26) 2,2-Dichloropropane	4.592	77	487	0.217	ug/l #	52
31) Cyclohexane	5.555	56	3063	1.386	ug/l #	48
36) 1,1-Dichloropropene	5.562	75	10674	5.067	ug/l #	51
37) Ethyl Acetate	4.586	43	2691	1.096	ug/l #	77
38) Carbon Tetrachloride	5.555	117	13823	5.830	ug/l #	17
40) Benzene	6.055	78	1644	0.272	ug/l	92
52) Toluene	8.720	92	1149	0.290	ug/l	96
76) 1,2,3-Trichloropropane	11.085	75	55312	26.334	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55312	77.449	ug/l #	12

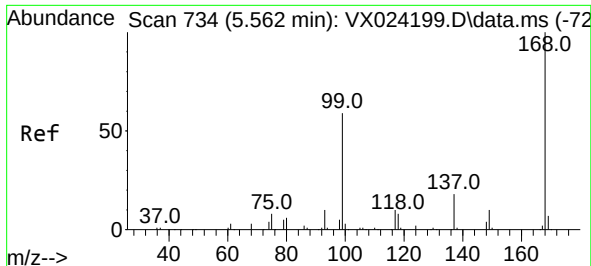
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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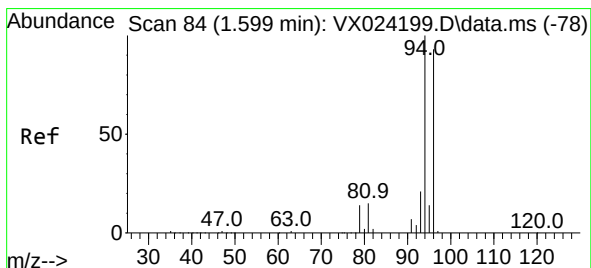
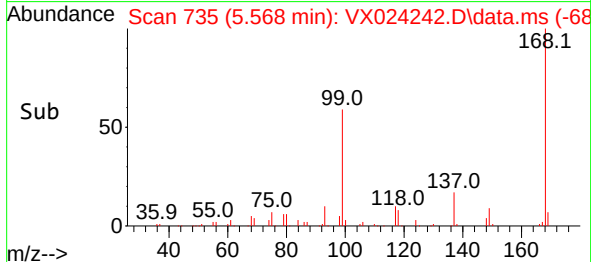
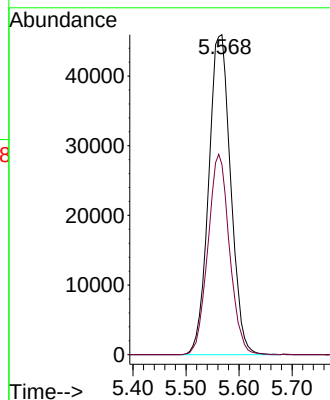
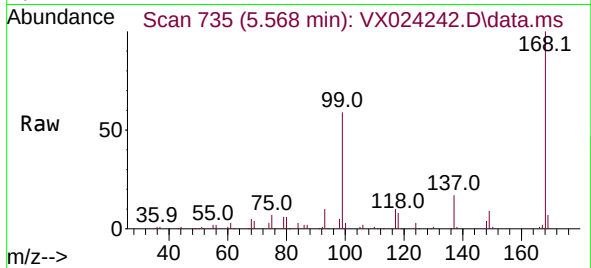




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38

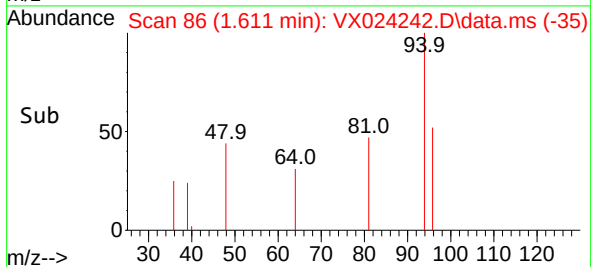
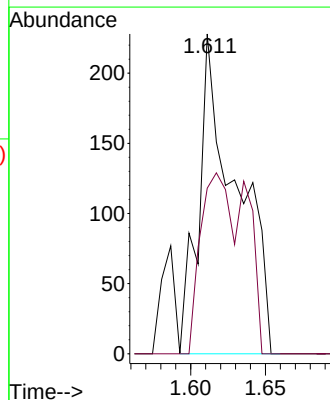
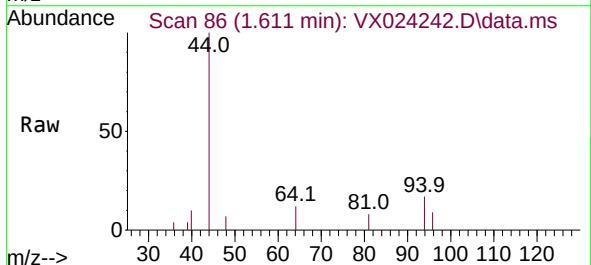
Instrument :
MSVOA_X
ClientSampled :
33132

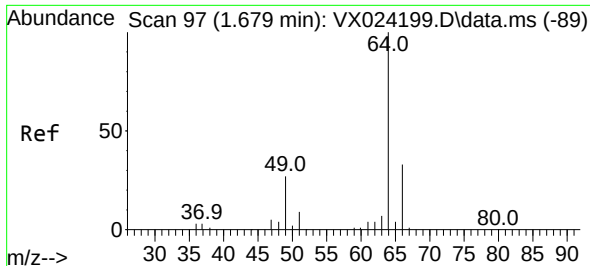
Tgt Ion:168 Resp: 132454
Ion Ratio Lower Upper
168 100
99 59.4 45.8 68.6



#5
Bromomethane
Concen: 0.507 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38

Tgt Ion: 94 Resp: 399
Ion Ratio Lower Upper
94 100
96 51.8 76.4 114.6#

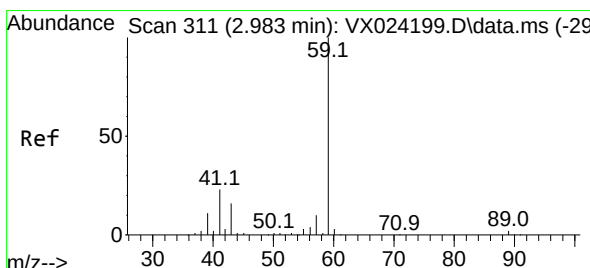
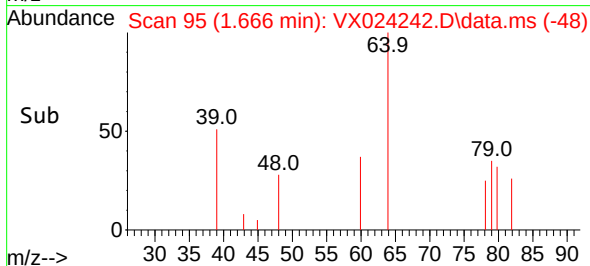
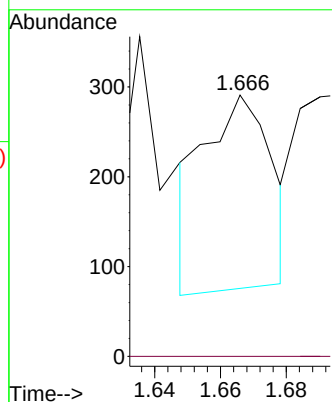
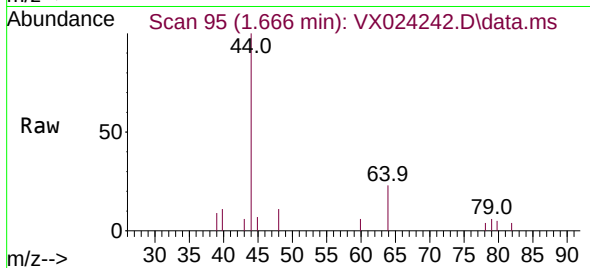




#6
Chloroethane
Concen: 2.276 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38

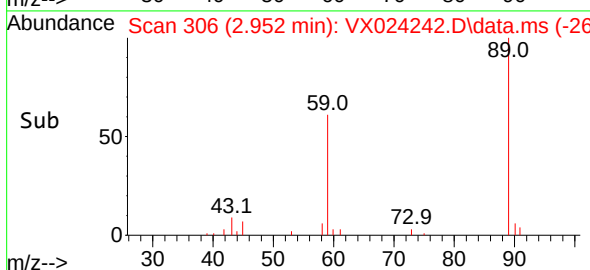
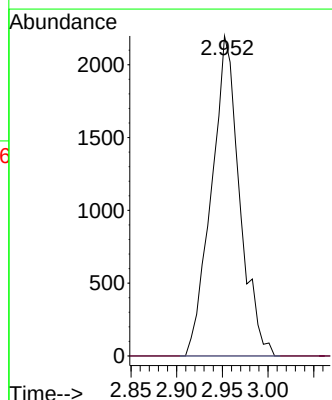
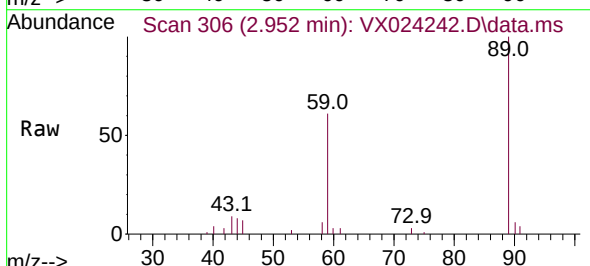
Instrument :
MSVOA_X
ClientSampleId :
33132

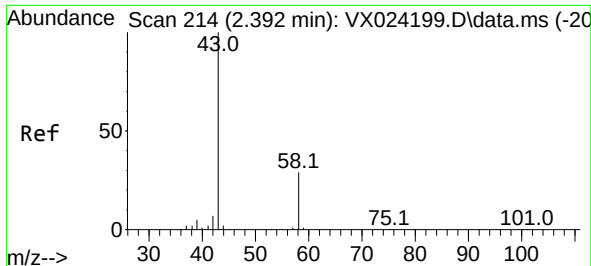
Tgt Ion: 64 Resp: 308
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38

Tgt Ion: 59 Resp: 4716
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

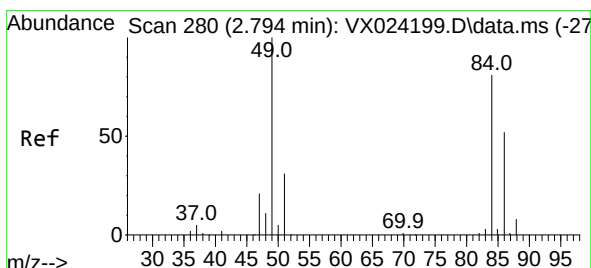
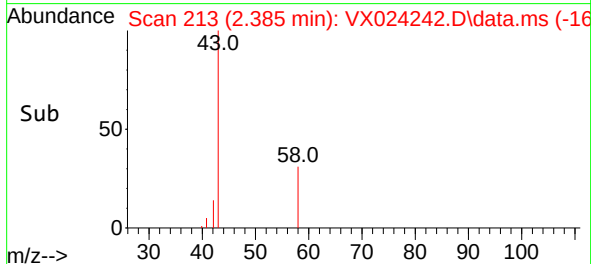
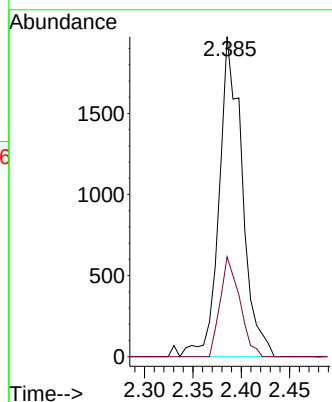
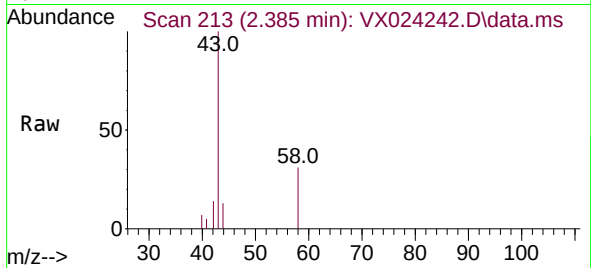




#16
Acetone
Concen: 4.060 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38

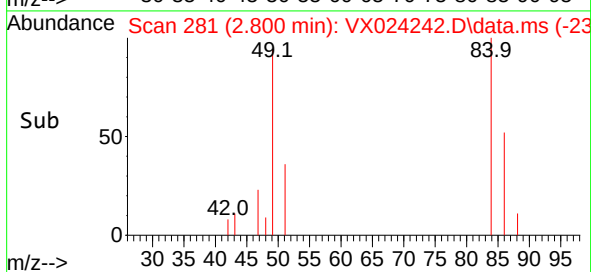
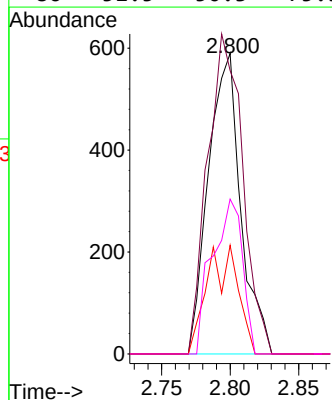
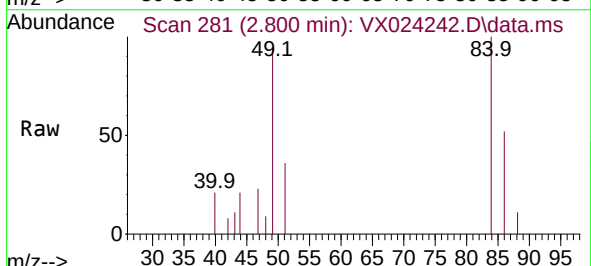
Instrument :
MSVOA_X
ClientSampleId :
33132

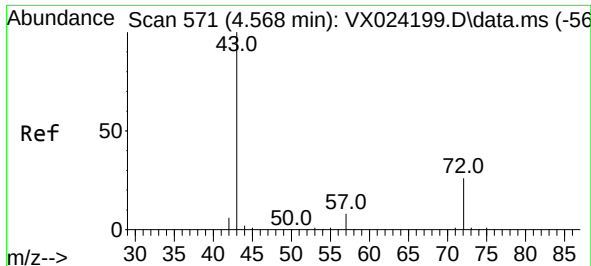
Tgt Ion: 43 Resp: 3270
Ion Ratio Lower Upper
43 100
58 31.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.625 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38

Tgt Ion: 84 Resp: 967
Ion Ratio Lower Upper
84 100
49 94.2 88.6 132.8
51 36.1 27.0 40.6
86 51.5 50.3 75.5





#25

2-Butanone

Concen: 2.269 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.018 min

Lab File: VX024242.D

Acq: 15 Sep 2021 05:38

Tgt Ion: 43 Resp: 2691

Ion Ratio Lower Upper

43 100

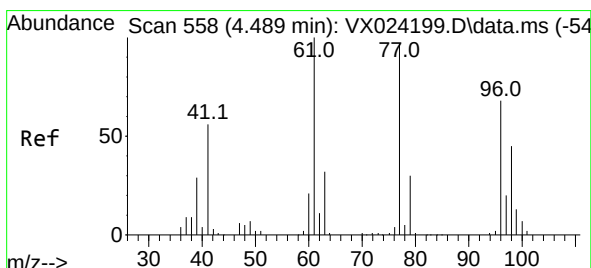
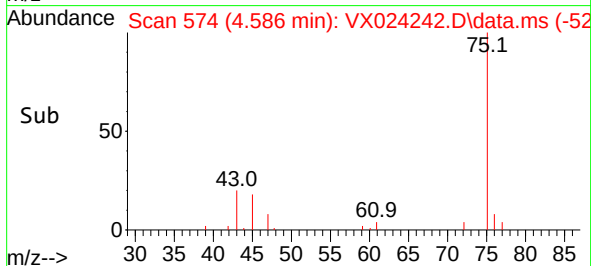
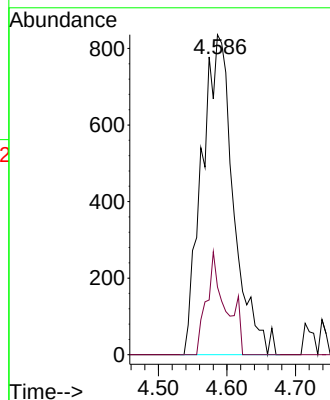
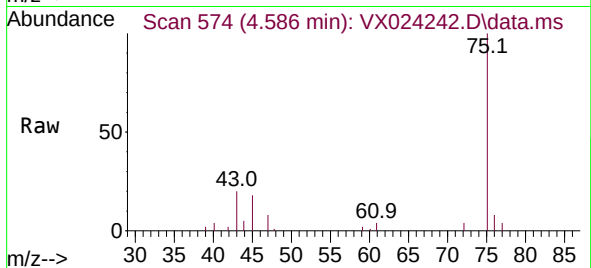
72 21.2 23.7 35.5#

Instrument :

MSVOA_X

ClientSampled :

33132



#26

2,2-Dichloropropane

Concen: 0.217 ug/l

RT: 4.592 min Scan# 575

Delta R.T. 0.103 min

Lab File: VX024242.D

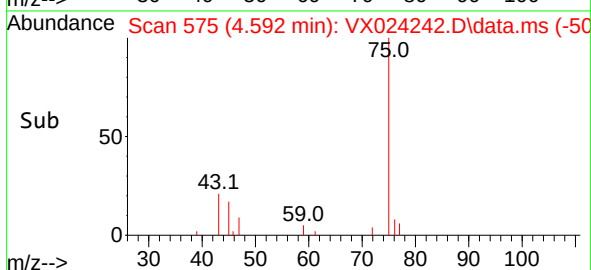
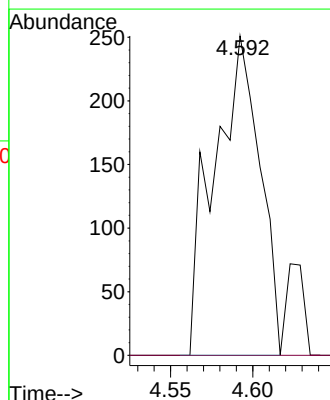
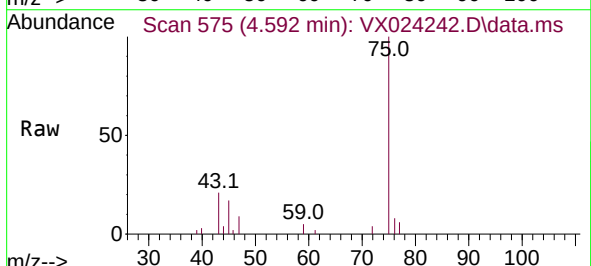
Acq: 15 Sep 2021 05:38

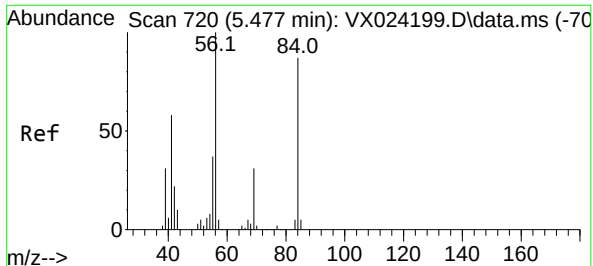
Tgt Ion: 77 Resp: 487

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#

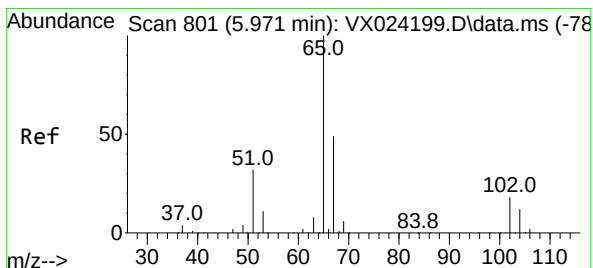
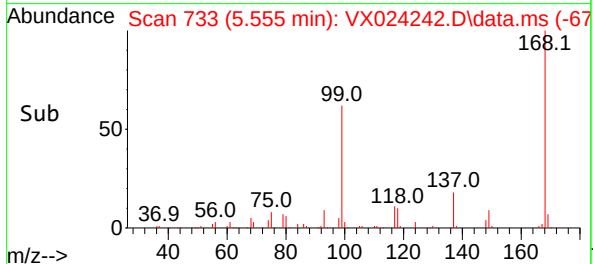
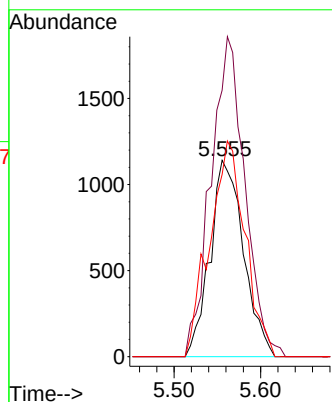
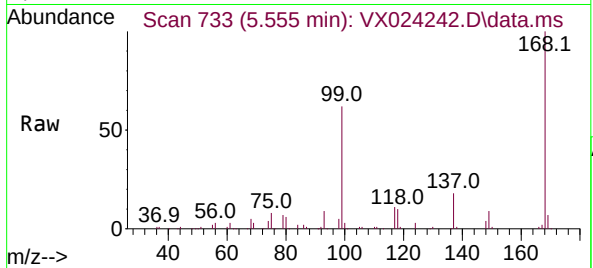




#31
Cyclohexane
Concen: 1.386 ug/l
RT: 5.555 min Scan# 733
Delta R.T. 0.078 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38

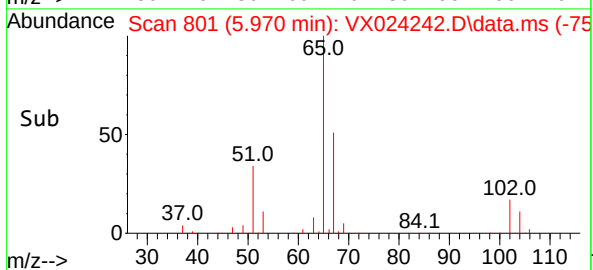
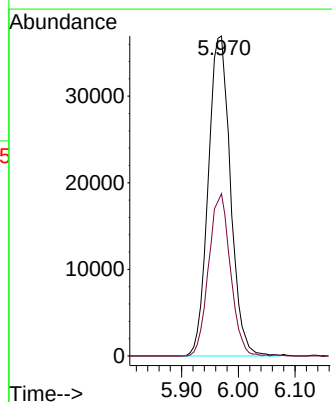
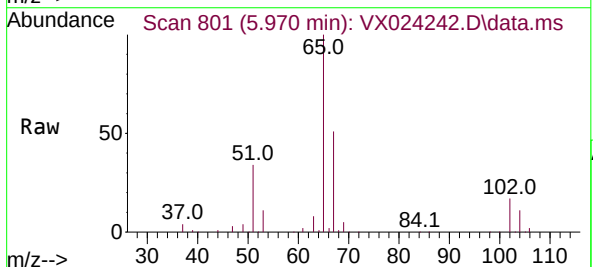
Instrument :
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ClientSampled :
33132

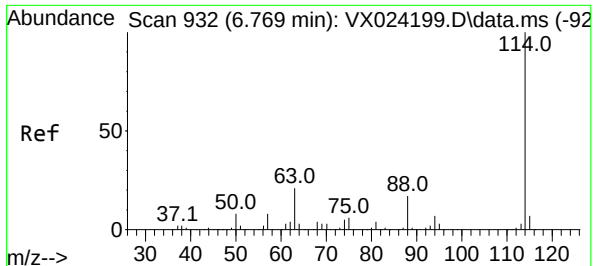
Tgt Ion: 56 Resp: 3063
Ion Ratio Lower Upper
56 100
69 135.8 25.3 37.9#
84 92.9 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 53.201 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.001 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38

Tgt Ion: 65 Resp: 100484
Ion Ratio Lower Upper
65 100
67 49.5 0.0 105.4

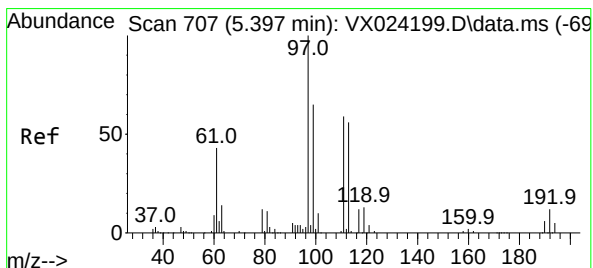
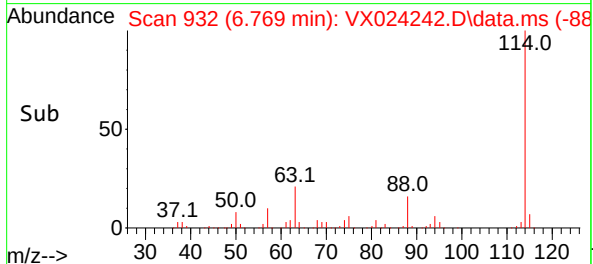
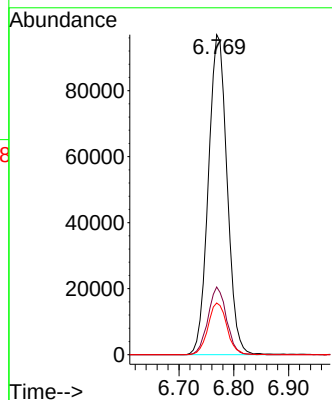
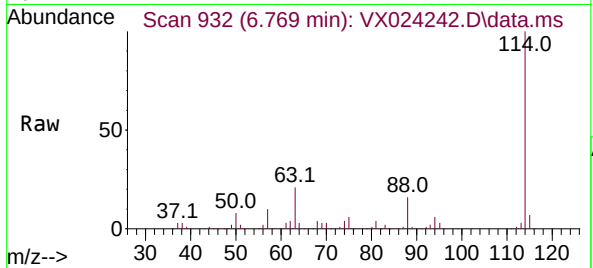




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38

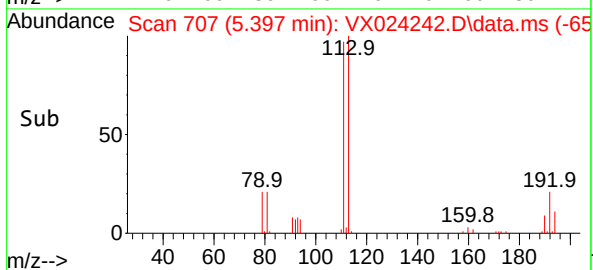
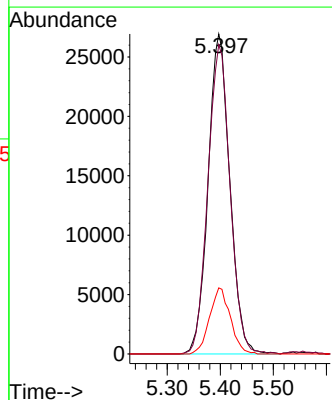
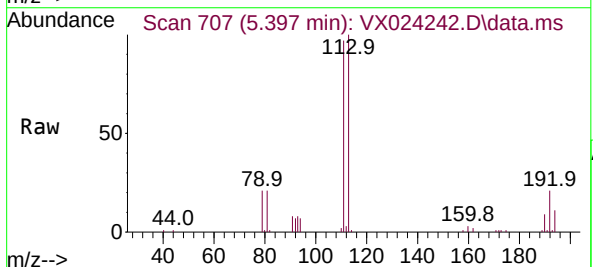
Instrument :
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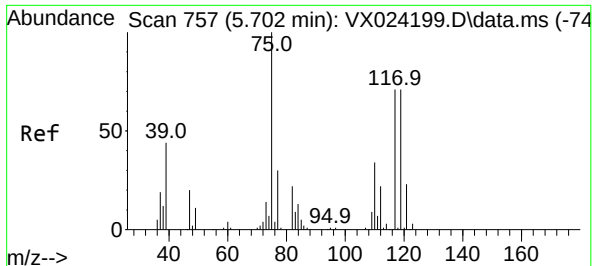
Tgt Ion:	114	Resp:	229115
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	40.8
88	16.2	0.0	32.8



#35
Dibromofluoromethane
Concen: 49.938 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38

Tgt Ion:	113	Resp:	76732
Ion Ratio	Lower	Upper	
113	100		
111	98.6	81.9	122.9
192	19.7	16.7	25.1





#36

1,1-Dichloropropene

Concen: 5.067 ug/l

RT: 5.562 min Scan# 734

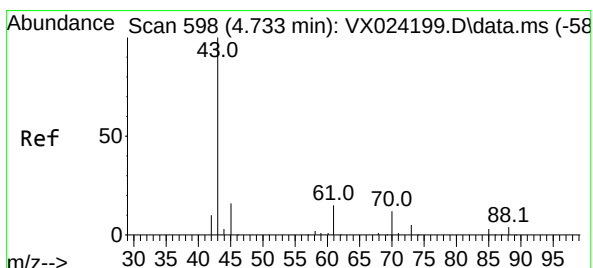
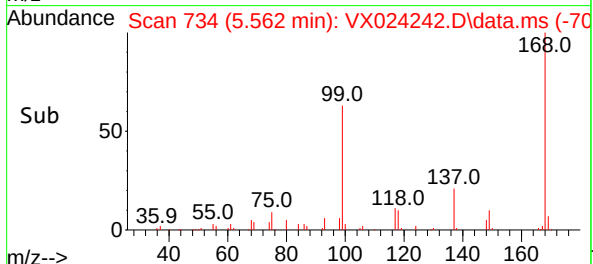
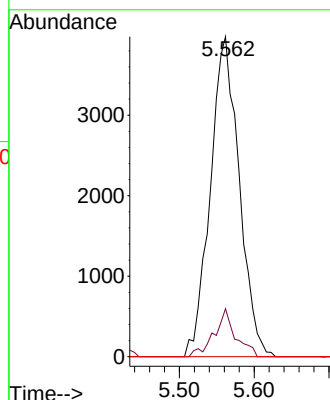
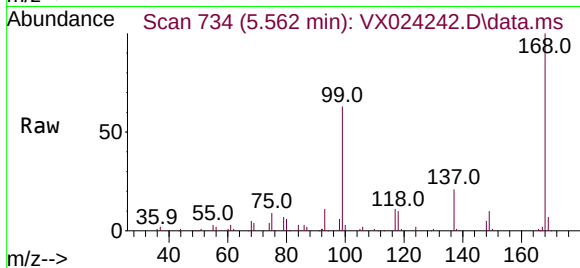
Delta R.T. -0.140 min

Lab File: VX024242.D

Acq: 15 Sep 2021 05:38

Tgt Ion:	75	Resp:	10674
Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
33132



#37

Ethyl Acetate

Concen: 1.096 ug/l

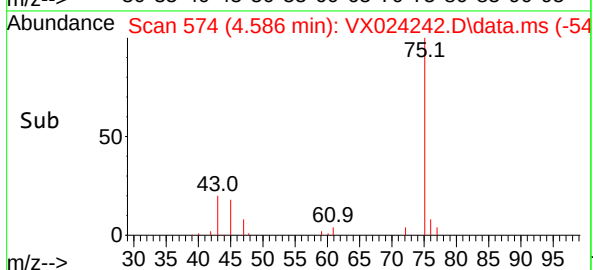
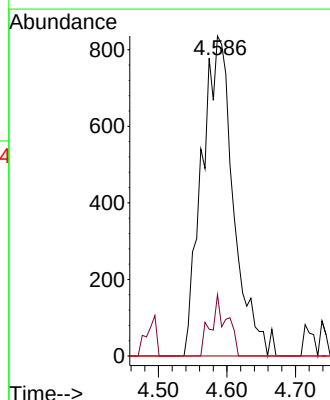
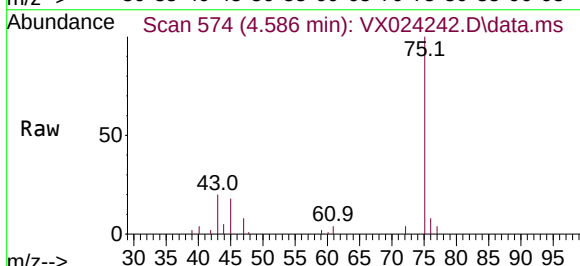
RT: 4.586 min Scan# 574

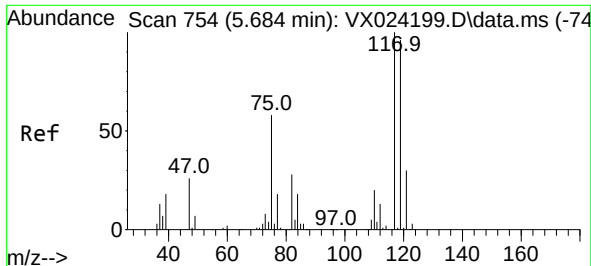
Delta R.T. -0.147 min

Lab File: VX024242.D

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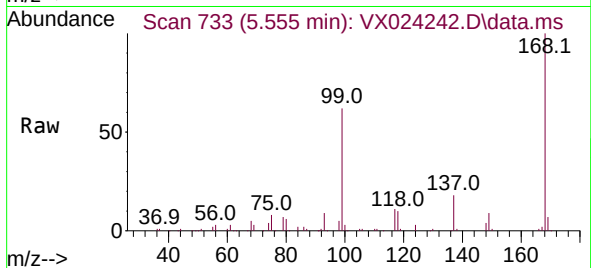
Tgt Ion:	43	Resp:	2691
Ion	Ratio	Lower	Upper
43	100		
61	9.8	12.8	19.2#
70	0.0	10.5	15.7#



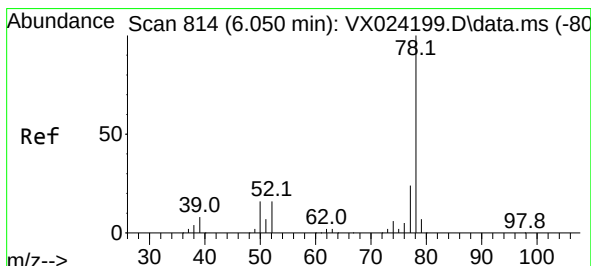
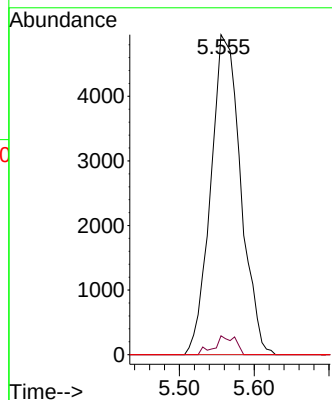
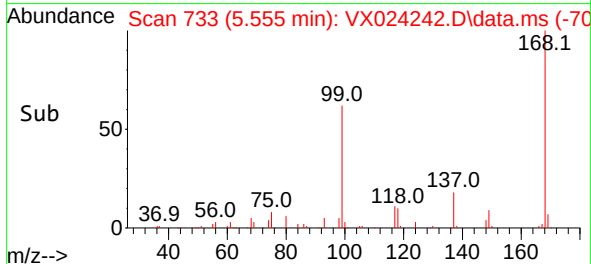


#38
Carbon Tetrachloride
Concen: 5.830 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.129 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38

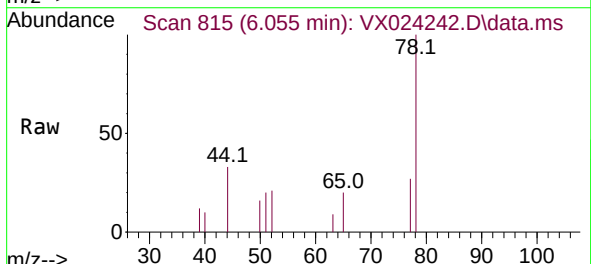
Instrument :
MSVOA_X
ClientSampleId :
33132



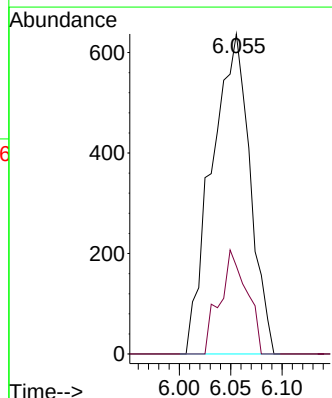
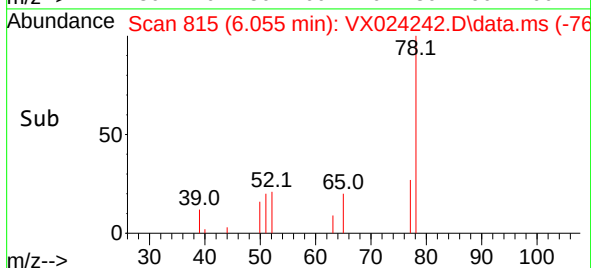
Tgt Ion:117 Resp: 13823
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

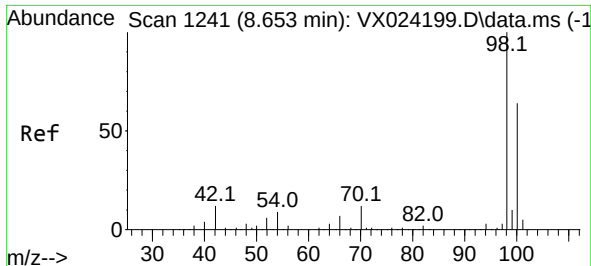


#40
Benzene
Concen: 0.272 ug/l
RT: 6.055 min Scan# 815
Delta R.T. 0.005 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38



Tgt Ion: 78 Resp: 1644
Ion Ratio Lower Upper
78 100
77 27.5 18.9 28.3

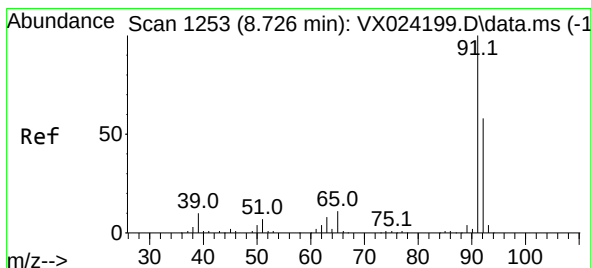
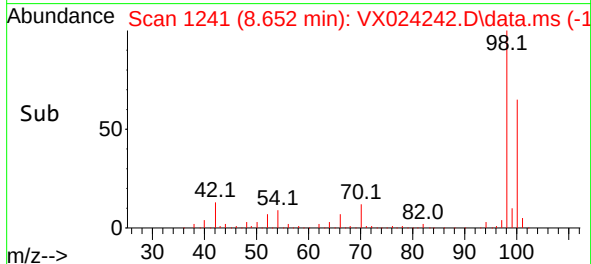
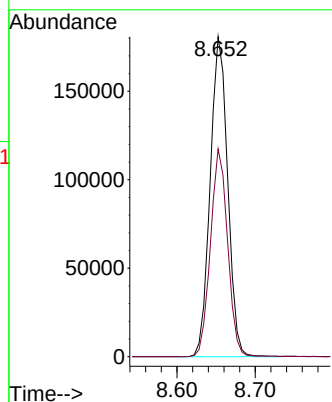
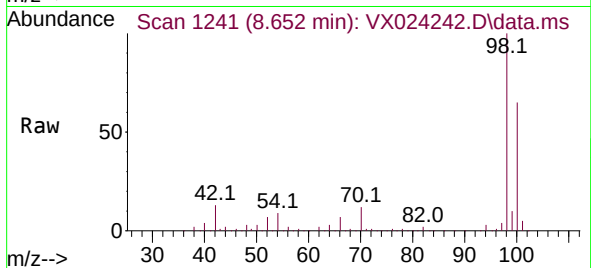




#50
Toluene-d8
Concen: 49.983 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38

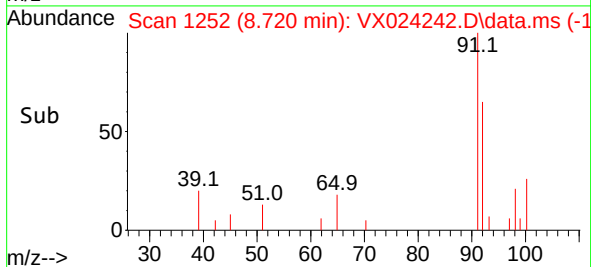
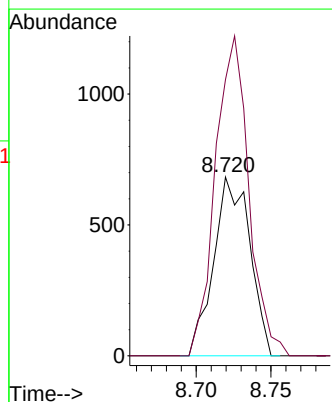
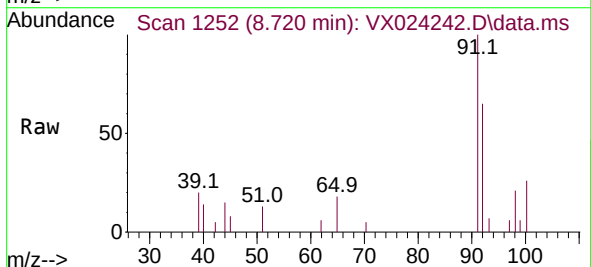
Instrument :
MSVOA_X
ClientSampled :
33132

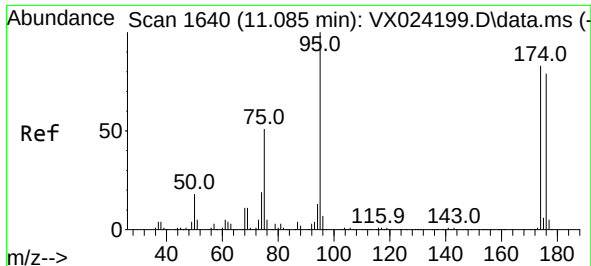
Tgt Ion: 98 Resp: 279781
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#52
Toluene
Concen: 0.290 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38

Tgt Ion: 92 Resp: 1149
Ion Ratio Lower Upper
92 100
91 165.5 137.1 205.7

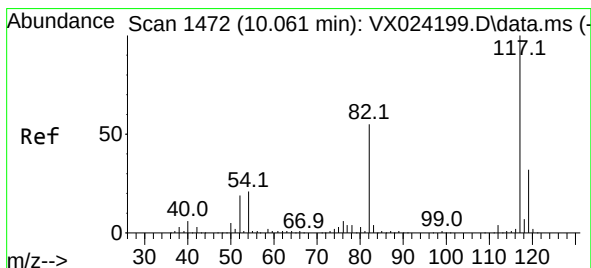
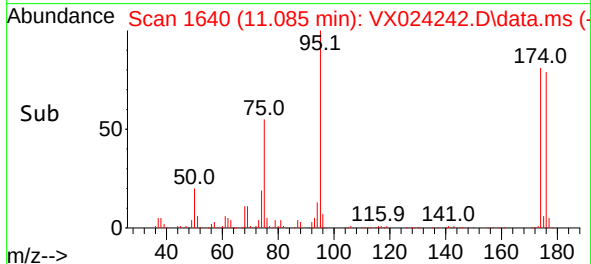
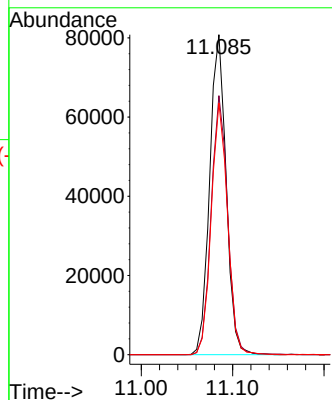
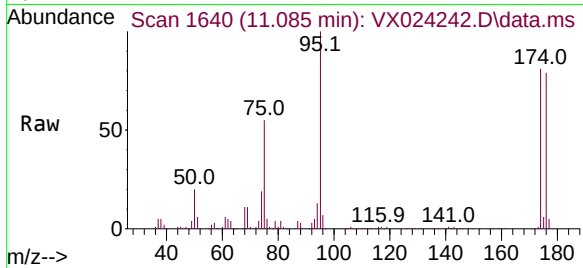




#62
4-Bromofluorobenzene
Concen: 46.278 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38

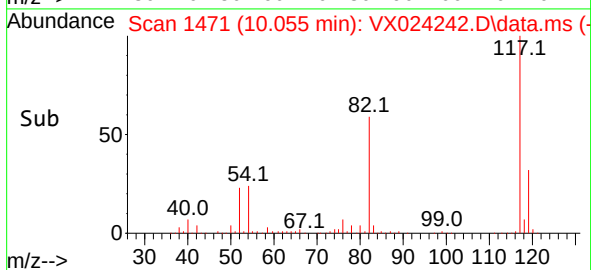
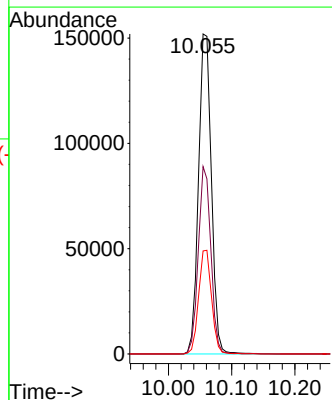
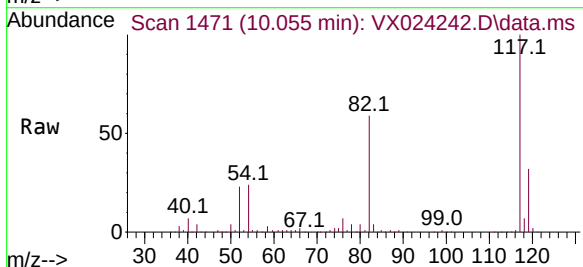
Instrument :
MSVOA_X
ClientSampleId :
33132

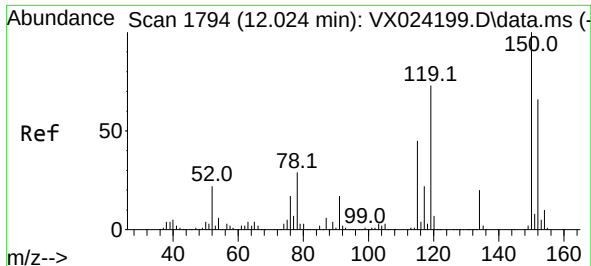
Tgt Ion: 95 Resp: 100811
Ion Ratio Lower Upper
95 100
174 81.3 0.0 154.6
176 78.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024242.D
Acq: 15 Sep 2021 05:38

Tgt Ion: 117 Resp: 215757
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 32.2 26.6 39.8

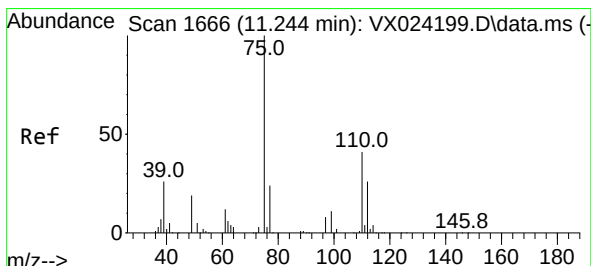
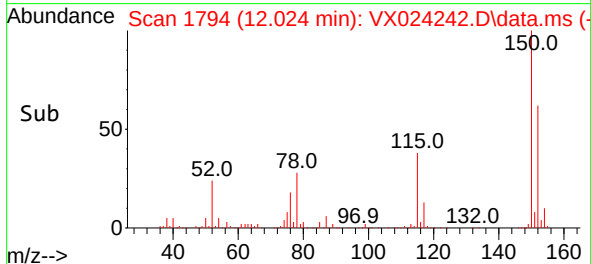
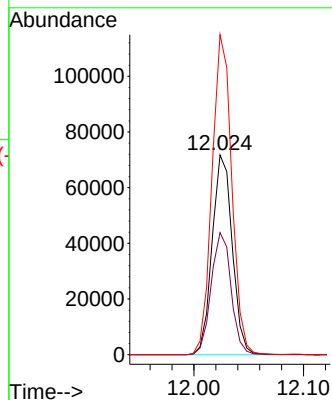
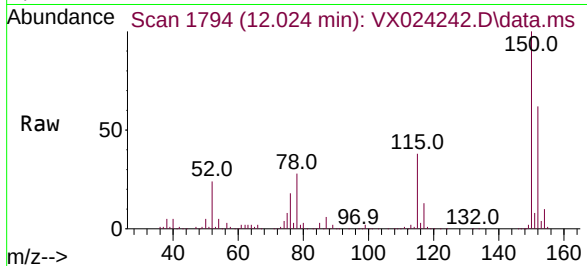




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX024242.D
 Acq: 15 Sep 2021 05:38

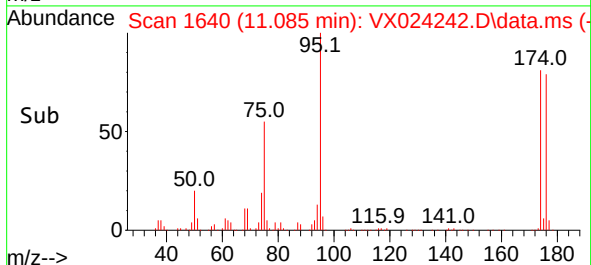
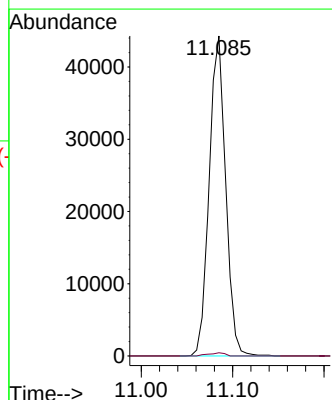
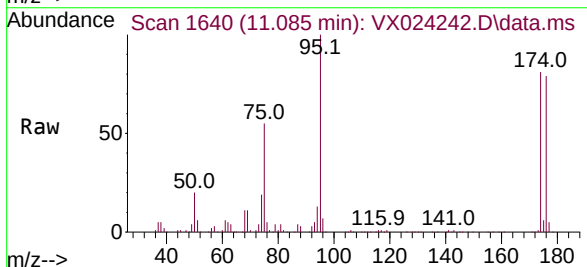
Instrument :
 MSVOA_X
 ClientSampled :
 33132

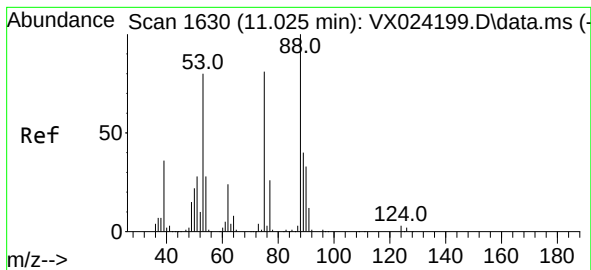
Tgt Ion:152 Resp: 91345
 Ion Ratio Lower Upper
 152 100
 115 60.6 41.1 123.3
 150 157.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.334 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024242.D
 Acq: 15 Sep 2021 05:38

Tgt Ion: 75 Resp: 55312
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.449 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX024242.D
 Acq: 15 Sep 2021 05:38

Instrument :
 MSVOA_X
 ClientSampleId :
 33132

Tgt Ion: 75 Resp: 55312
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

