

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072621\
 Data File : VX023452.D
 Acq On : 26 Jul 2021 15:37
 Operator : JC/MD
 Sample : M3146-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 03:28:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

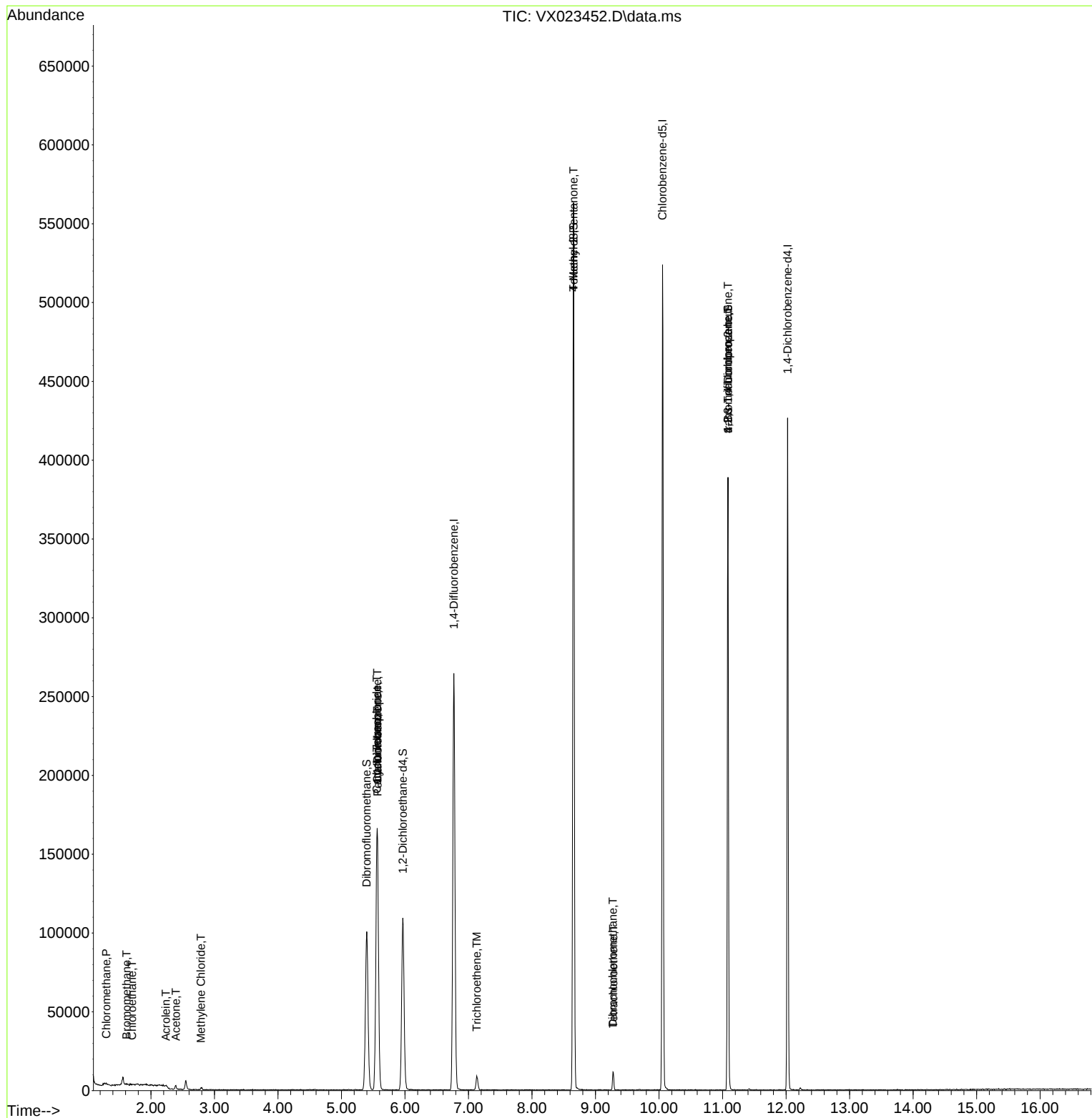
Internal Standards						
1) Pentafluorobenzene	5.568	168	159563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	269453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85440	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104339	52.42	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.84%	
35) Dibromofluoromethane	5.397	113	85202	50.57	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.14%	
50) Toluene-d8	8.653	98	324211	52.38	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.76%	
62) 4-Bromofluorobenzene	11.085	95	97254	46.21	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.42%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	496	0.29	ug/l #	86
5) Bromomethane	1.618	94	583	0.57	ug/l #	44
6) Chloroethane	1.703	64	222	0.21	ug/l #	43
13) Acrolein	2.233	56	111	1.84	ug/l	88
16) Acetone	2.392	43	2350	2.41	ug/l	99
20) Methylene Chloride	2.788	84	581	0.31	ug/l	86
31) Cyclohexane	5.562	56	3300	1.12	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12003	4.92	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15972	6.44	ug/l #	15
44) Trichloroethene	7.129	130	3239	1.63	ug/l	97
51) 4-Methyl-2-Pentanone	8.653	43	1638	0.56	ug/l #	1
60) Dibromochloromethane	9.275	129	1964	2.92	ug/l #	11
64) Tetrachloroethene	9.281	164	2257	1.21	ug/l	88
76) 1,2,3-Trichloropropane	11.085	75	50163	26.68	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	50163	71.74	ug/l #	12

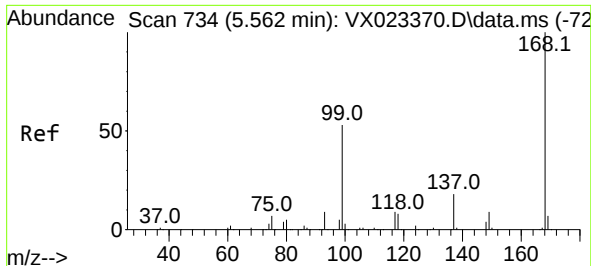
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

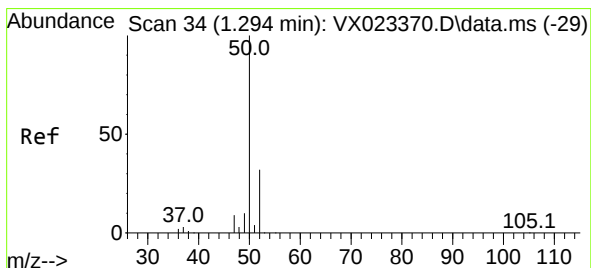
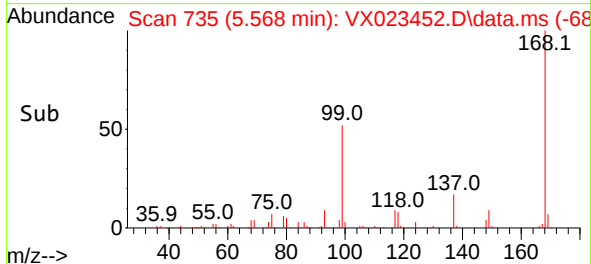
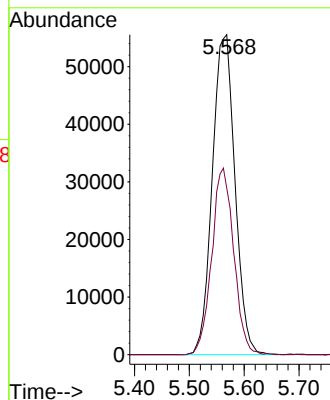
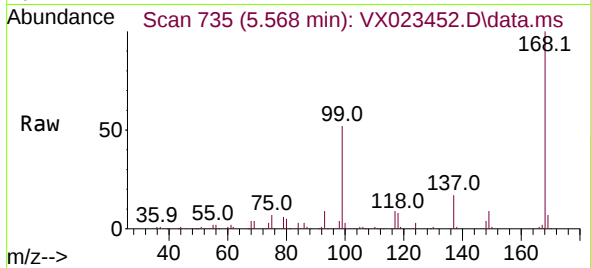




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023452.D
Acq: 26 Jul 2021 15:37

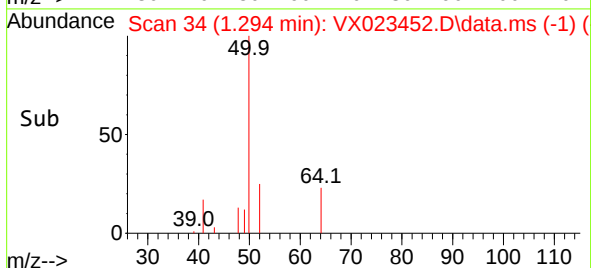
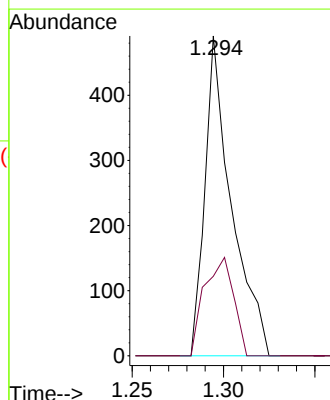
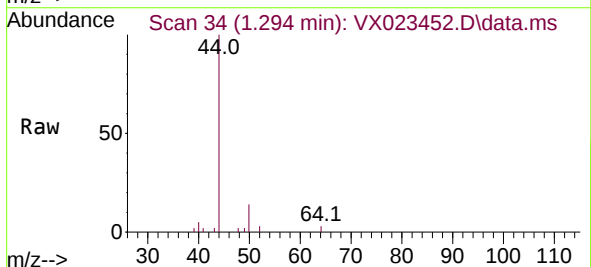
Instrument :
MSVOA_X
ClientSampleId :

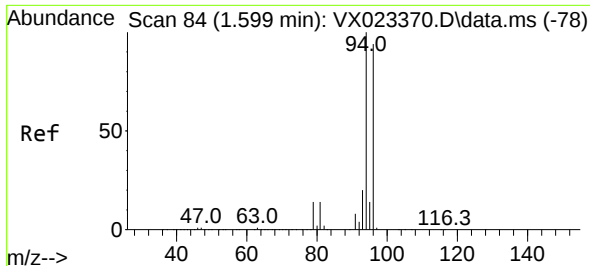
Tgt Ion:168 Resp: 159563
Ion Ratio Lower Upper
168 100
99 52.1 45.8 68.6



#3
Chloromethane
Concen: 0.29 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023452.D
Acq: 26 Jul 2021 15:37

Tgt Ion: 50 Resp: 496
Ion Ratio Lower Upper
50 100
52 24.8 26.4 39.6#

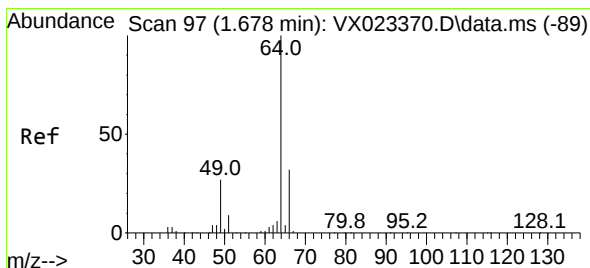
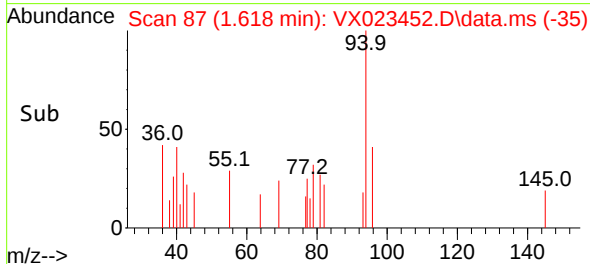
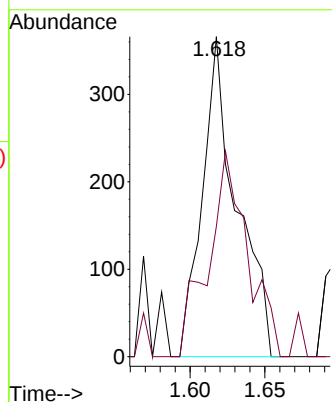
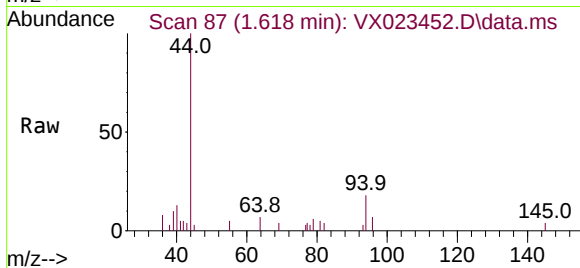




#5
Bromomethane
Concen: 0.57 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023452.D
Acq: 26 Jul 2021 15:37

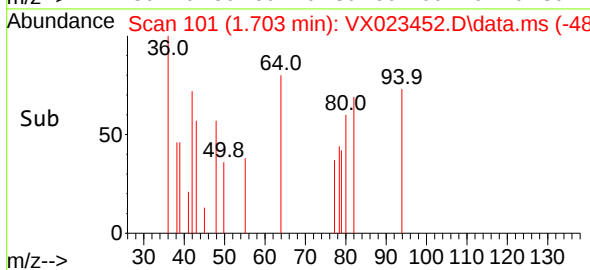
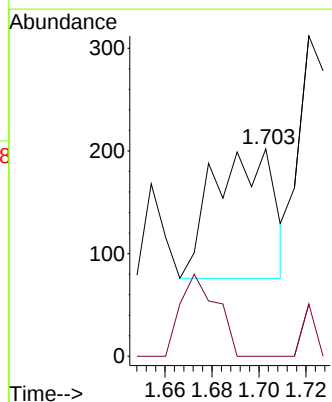
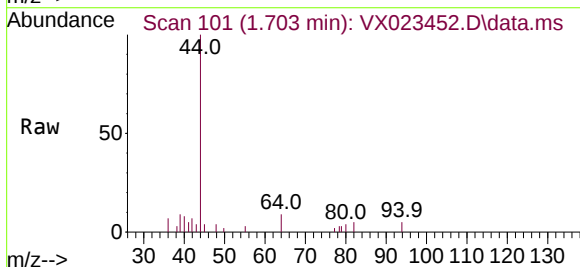
Instrument :
MSVOA_X
ClientSampled :

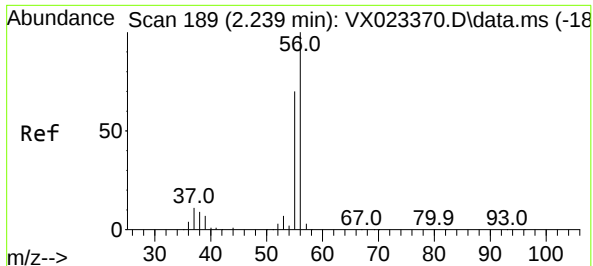
Tgt Ion: 94 Resp: 583
Ion Ratio Lower Upper
94 100
96 40.7 76.4 114.6#



#6
Chloroethane
Concen: 0.21 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX023452.D
Acq: 26 Jul 2021 15:37

Tgt Ion: 64 Resp: 222
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

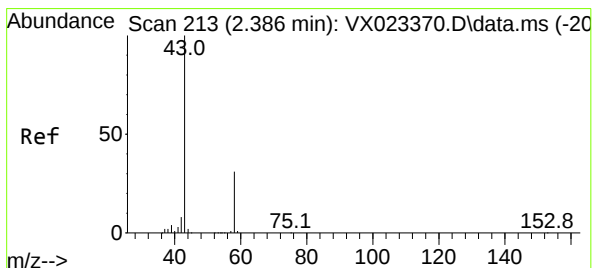
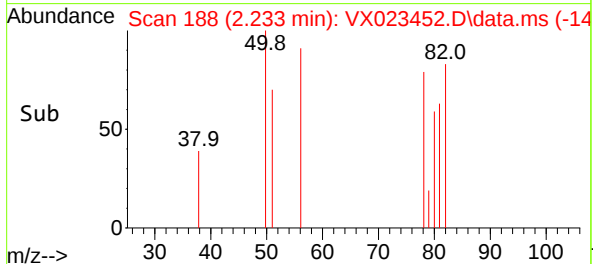
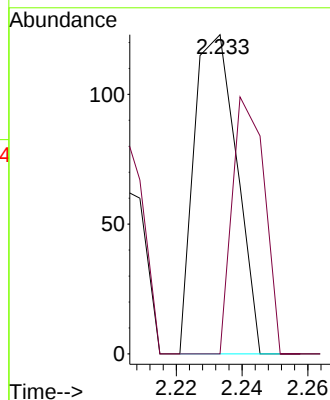
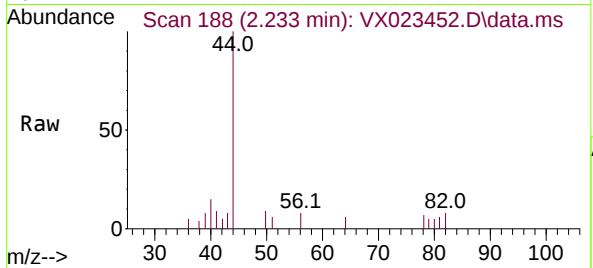




#13
Acrolein
Concen: 1.84 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023452.D
Acq: 26 Jul 2021 15:37

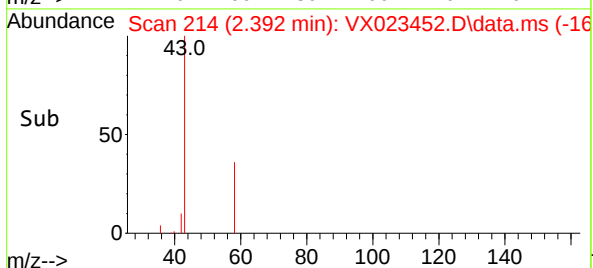
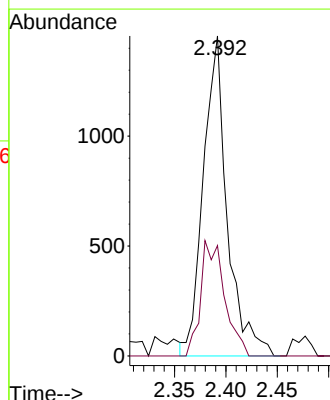
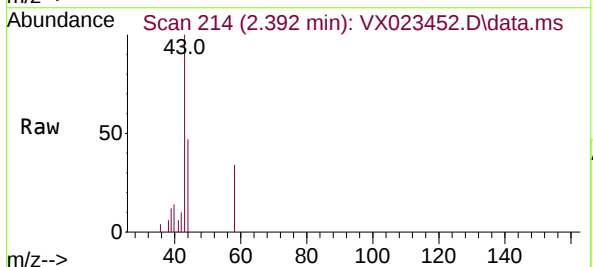
Instrument :
MSVOA_X
ClientSampleId :

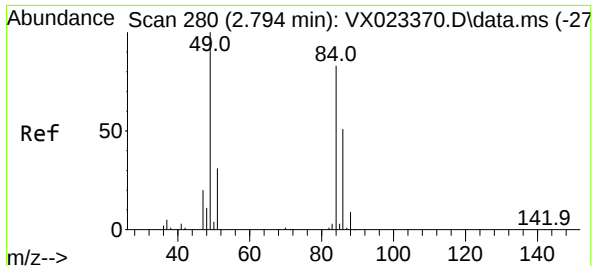
Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 60.4 56.4 84.6



#16
Acetone
Concen: 2.41 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023452.D
Acq: 26 Jul 2021 15:37

Tgt Ion: 43 Resp: 2350
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8





#20

Methylene Chloride

Concen: 0.31 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX023452.D

Acq: 26 Jul 2021 15:37

Tgt Ion: 84 Resp: 581

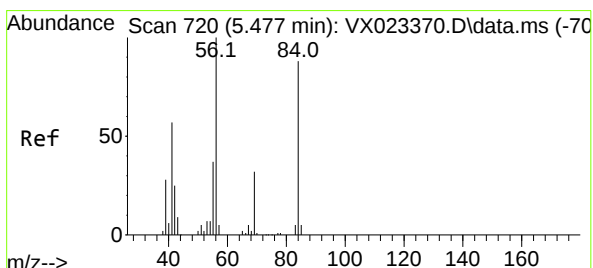
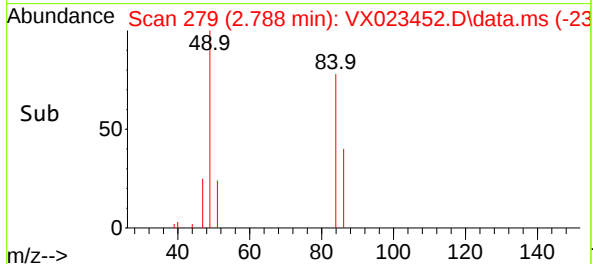
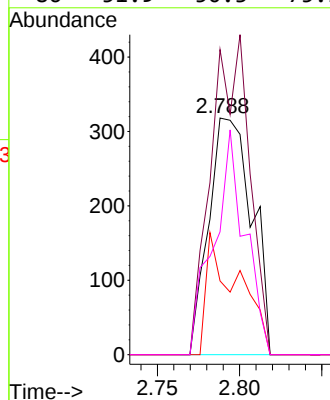
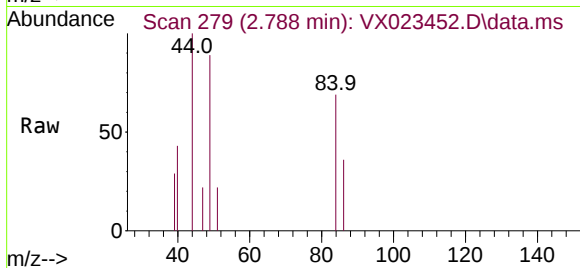
Ion Ratio Lower Upper

84 100

49 128.9 88.6 132.8

51 31.1 27.0 40.6

86 51.9 50.3 75.5



#31

Cyclohexane

Concen: 1.12 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX023452.D

Acq: 26 Jul 2021 15:37

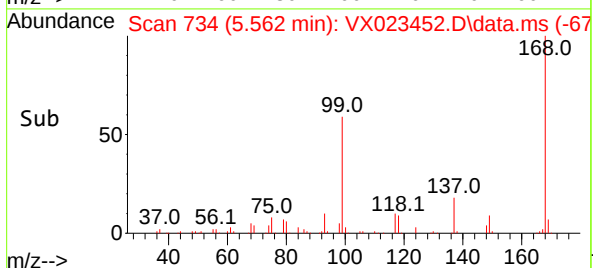
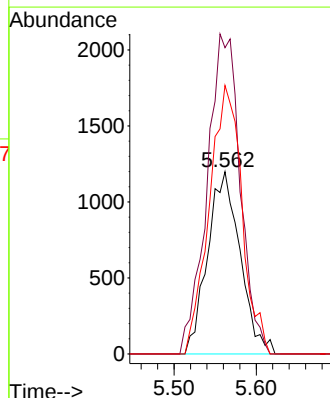
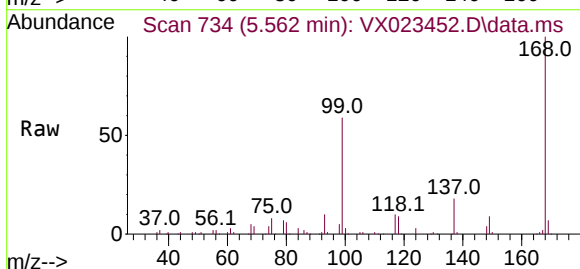
Tgt Ion: 56 Resp: 3300

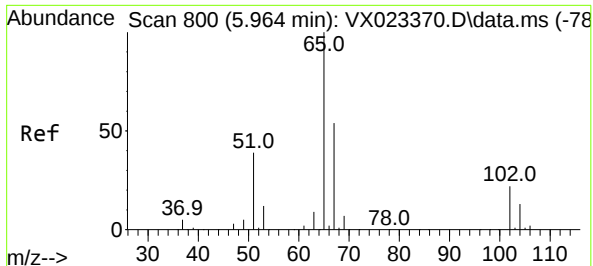
Ion Ratio Lower Upper

56 100

69 168.0 25.3 37.9#

84 147.3 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 52.42 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023452.D

Acq: 26 Jul 2021 15:37

Tgt Ion: 65 Resp: 104339

Ion Ratio Lower Upper

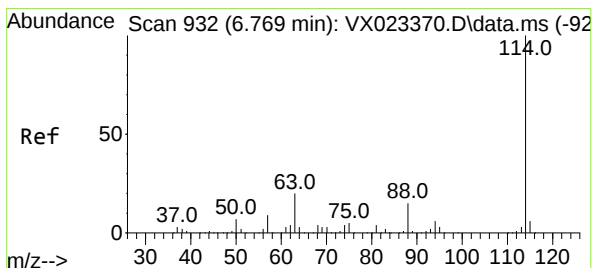
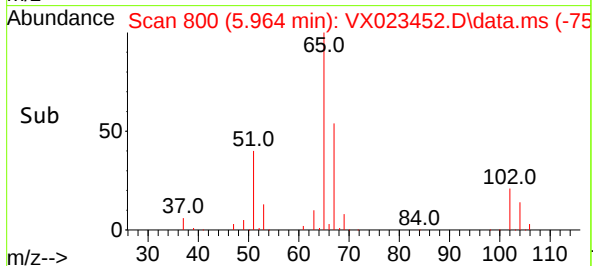
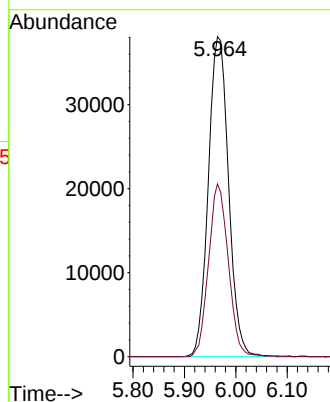
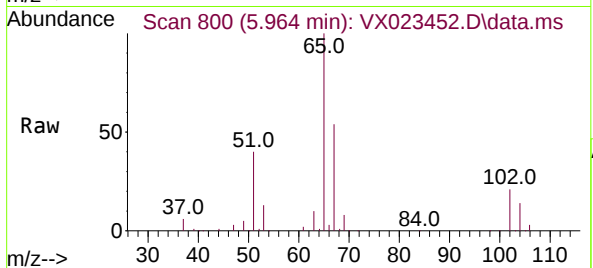
65 100

67 52.6 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX023452.D

Acq: 26 Jul 2021 15:37

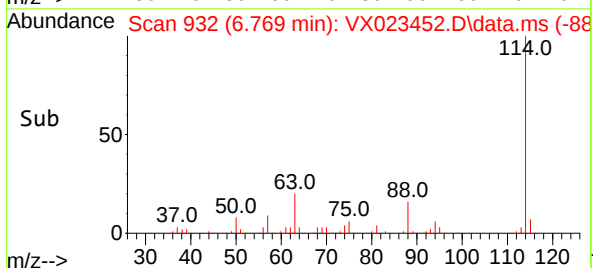
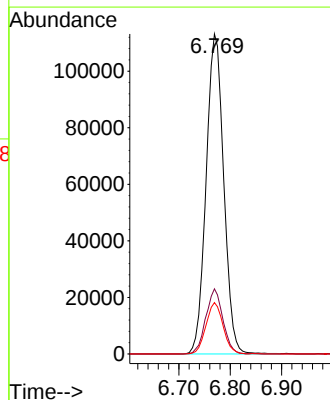
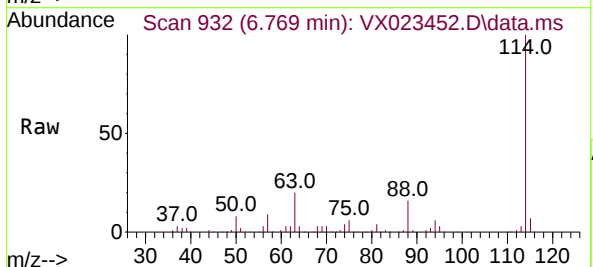
Tgt Ion: 114 Resp: 269453

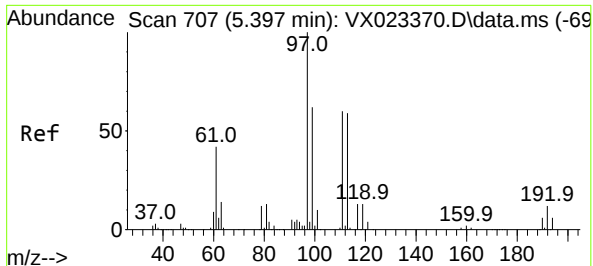
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.57 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023452.D

Acq: 26 Jul 2021 15:37

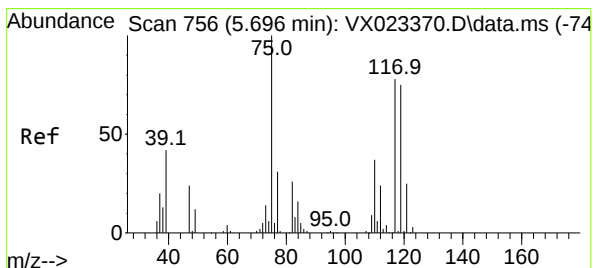
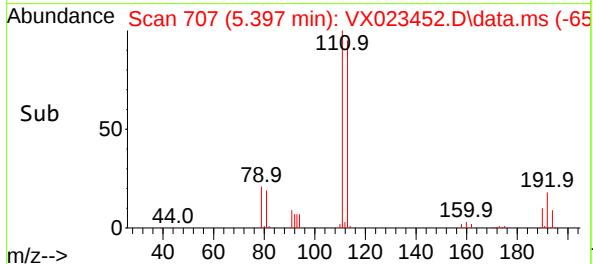
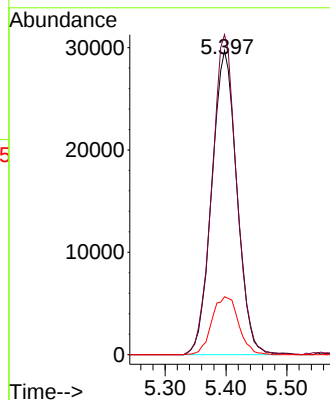
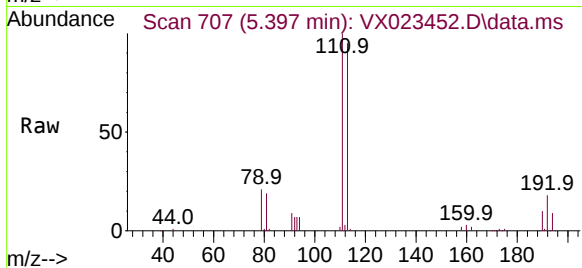
Tgt Ion:113 Resp: 85202

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

192 20.2 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.92 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX023452.D

Acq: 26 Jul 2021 15:37

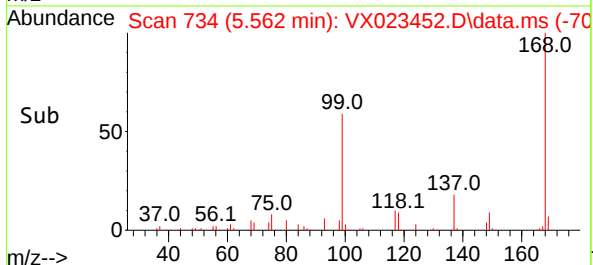
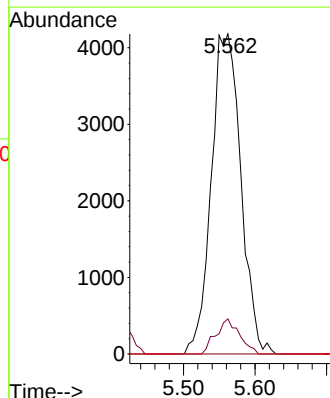
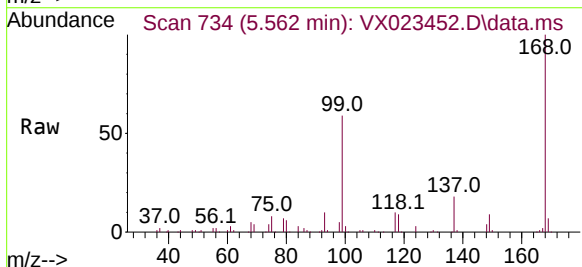
Tgt Ion: 75 Resp: 12003

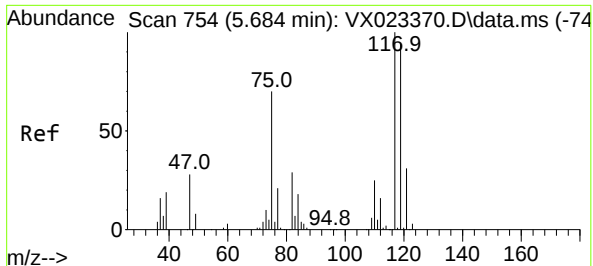
Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.4#

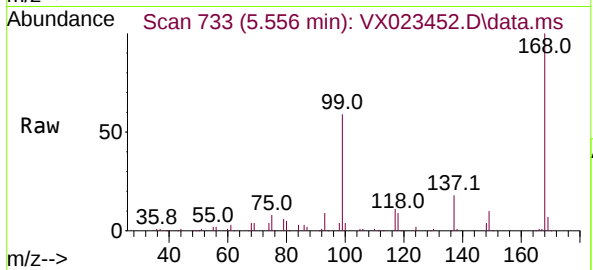
77 0.0 25.3 37.9#



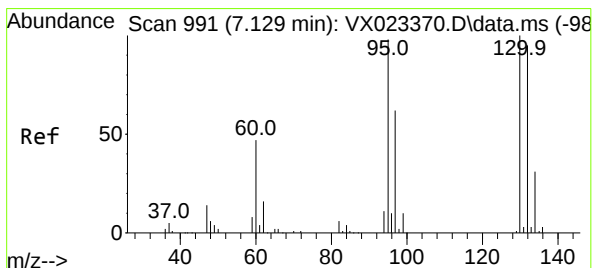
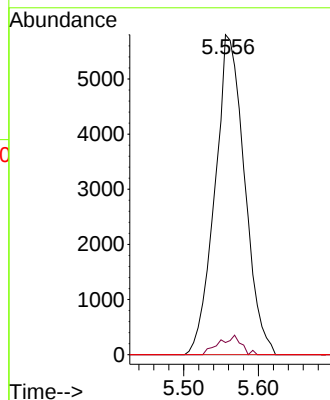
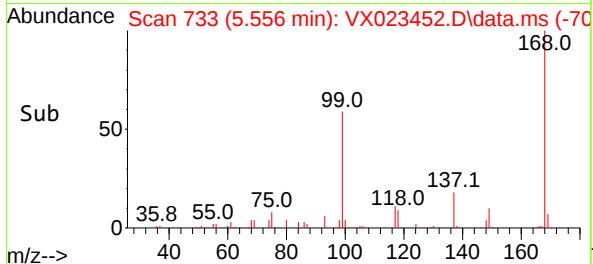


#38
Carbon Tetrachloride
Concen: 6.44 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023452.D
Acq: 26 Jul 2021 15:37

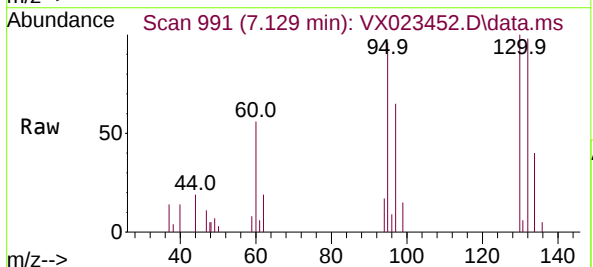
Instrument :
MSVOA_X
ClientSampleId :



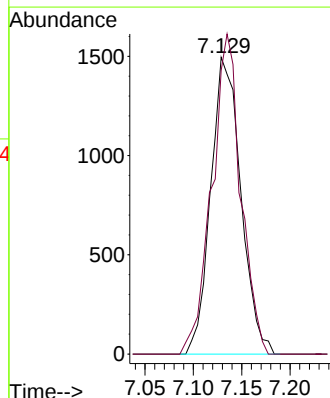
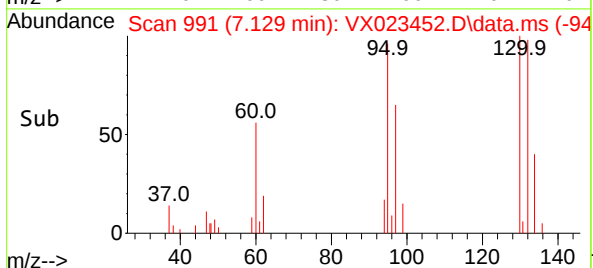
Tgt Ion:117 Resp: 15972
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#

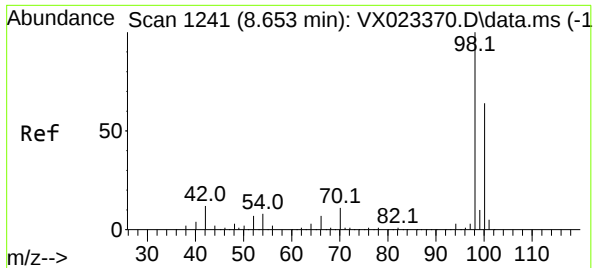


#44
Trichloroethene
Concen: 1.63 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023452.D
Acq: 26 Jul 2021 15:37



Tgt Ion:130 Resp: 3239
Ion Ratio Lower Upper
130 100
95 95.6 0.0 198.0

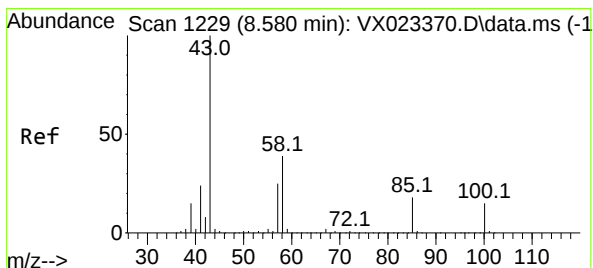
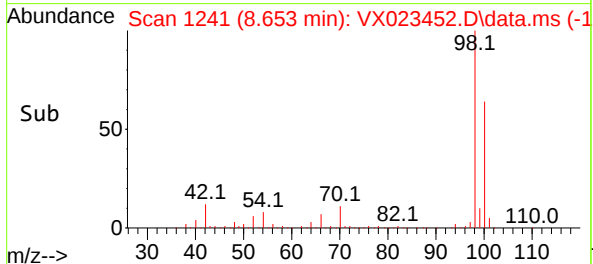
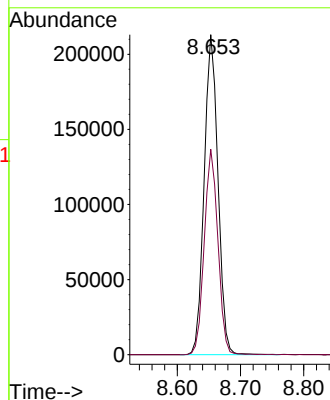
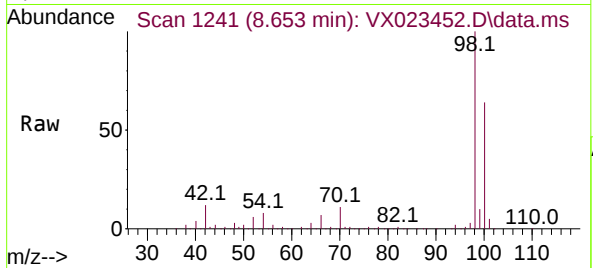




#50
Toluene-d8
Concen: 52.38 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023452.D
Acq: 26 Jul 2021 15:37

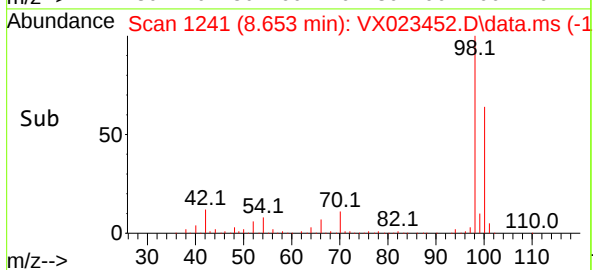
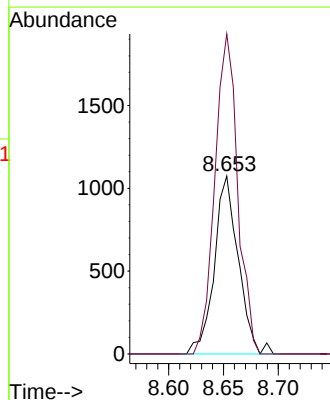
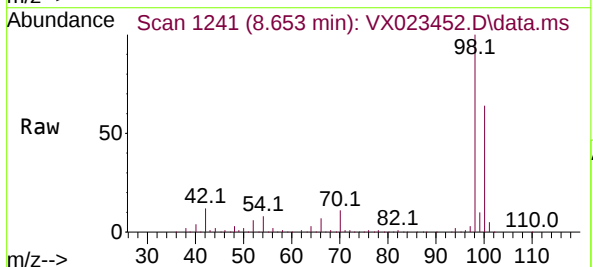
Instrument :
MSVOA_X
ClientSampled :

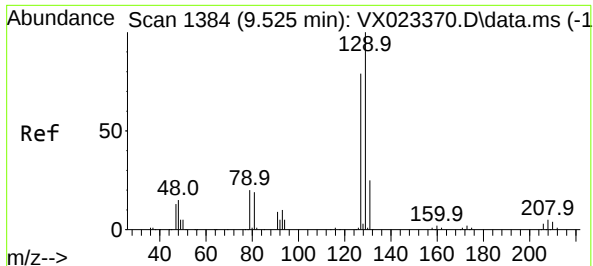
Tgt Ion: 98 Resp: 324211
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023452.D
Acq: 26 Jul 2021 15:37

Tgt Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
58 171.3 35.4 53.0#





#60

Dibromochloromethane

Concen: 2.92 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX023452.D

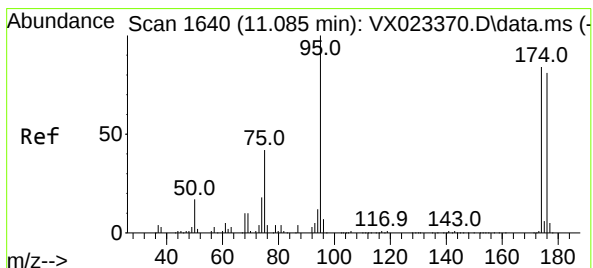
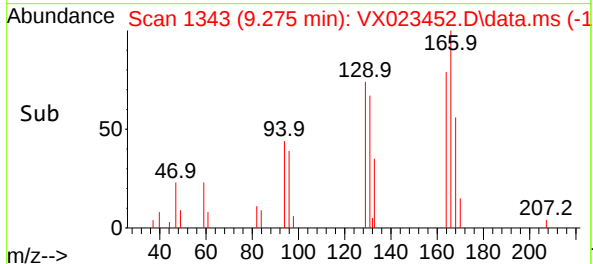
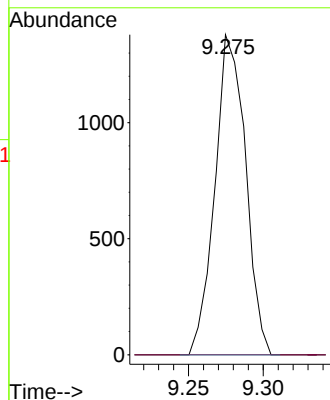
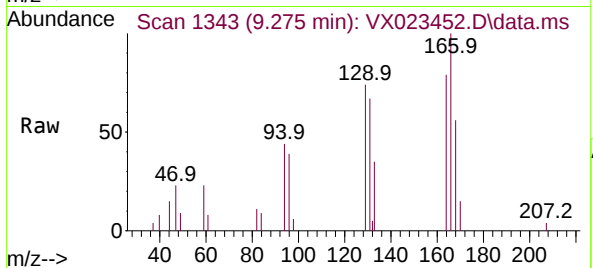
Acq: 26 Jul 2021 15:37

Tgt Ion:129 Resp: 1964

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 46.21 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023452.D

Acq: 26 Jul 2021 15:37

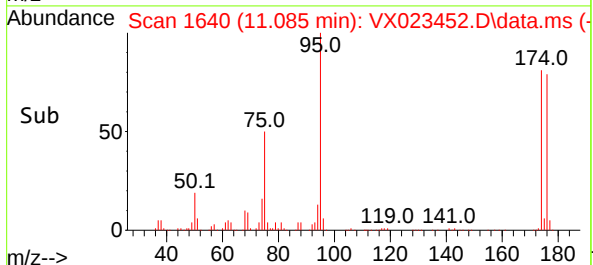
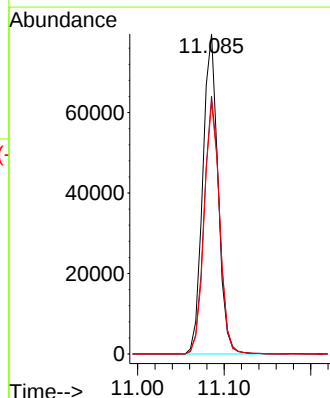
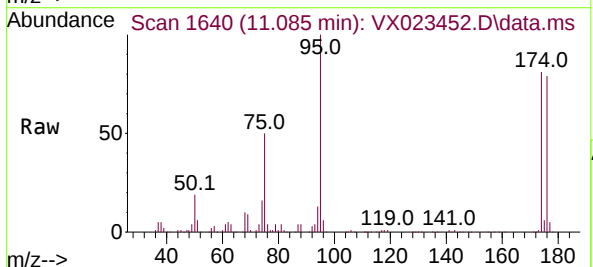
Tgt Ion: 95 Resp: 97254

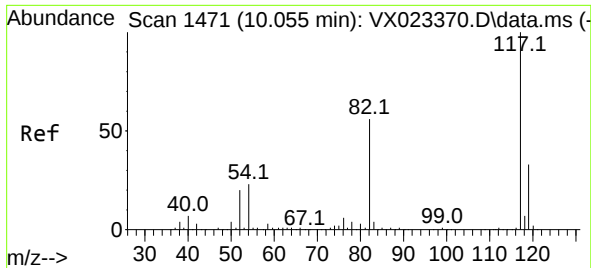
Ion Ratio Lower Upper

95 100

174 81.2 0.0 154.6

176 79.3 0.0 155.8

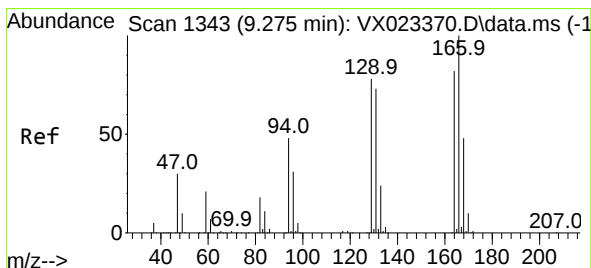
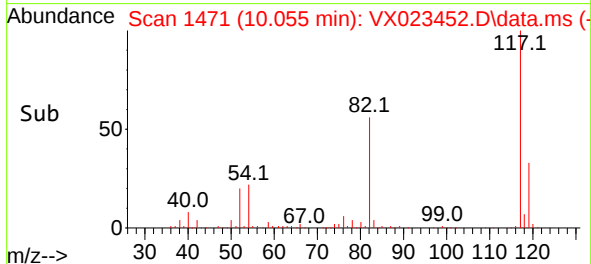
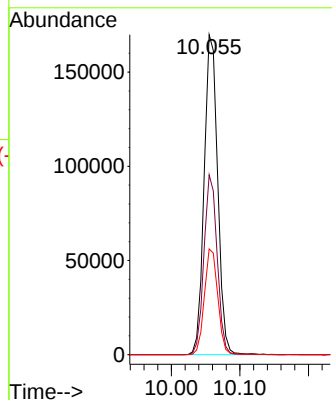
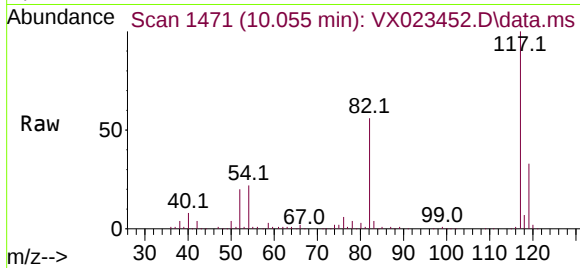




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023452.D
Acq: 26 Jul 2021 15:37

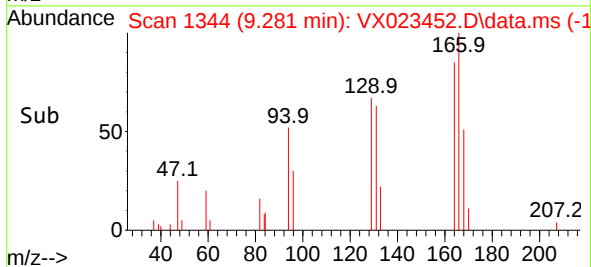
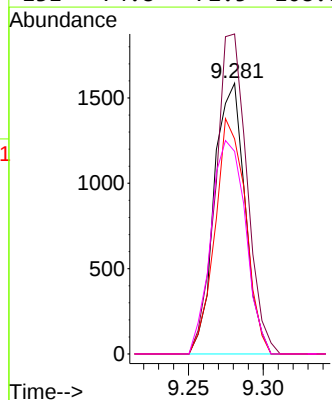
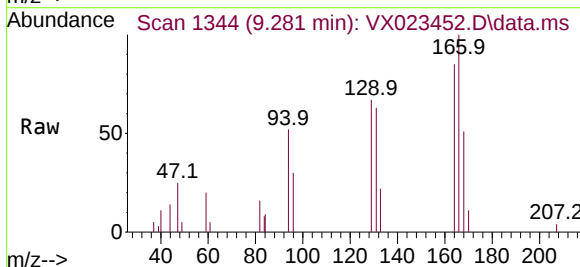
Instrument :
MSVOA_X
ClientSampled :

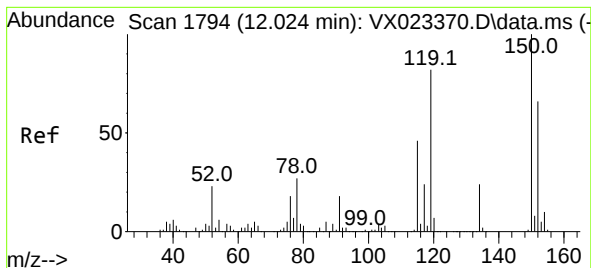
Tgt Ion:117 Resp: 233771
Ion Ratio Lower Upper
117 100
82 56.2 47.4 71.2
119 33.1 26.6 39.8



#64
Tetrachloroethene
Concen: 1.21 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023452.D
Acq: 26 Jul 2021 15:37

Tgt Ion:164 Resp: 2257
Ion Ratio Lower Upper
164 100
166 118.2 103.4 155.2
129 79.4 70.8 106.2
131 74.8 72.5 108.7

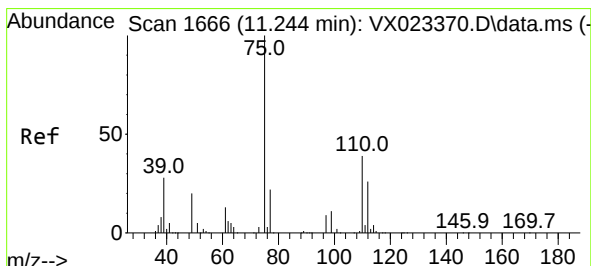
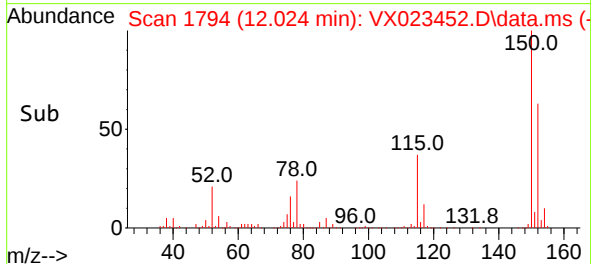
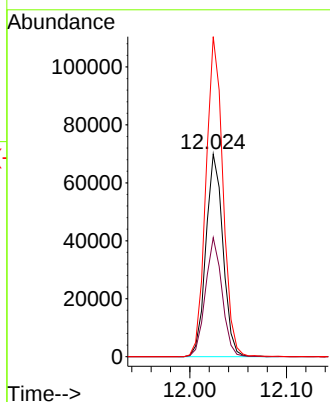
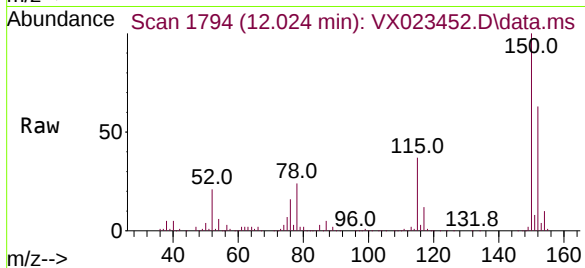




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023452.D
 Acq: 26 Jul 2021 15:37

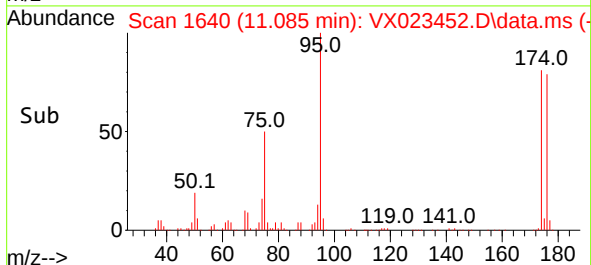
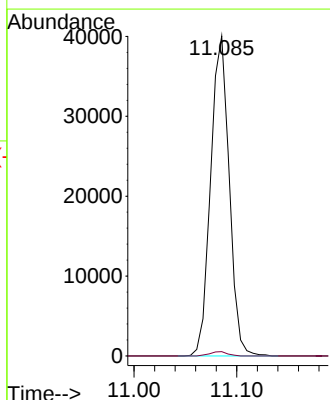
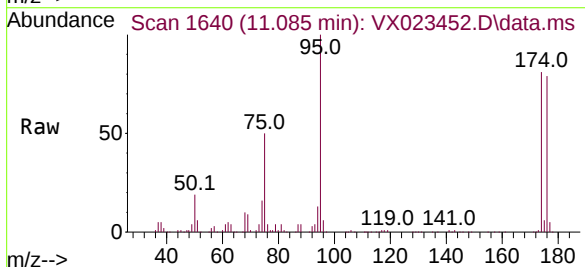
Instrument :
 MSVOA_X
 ClientSampled :

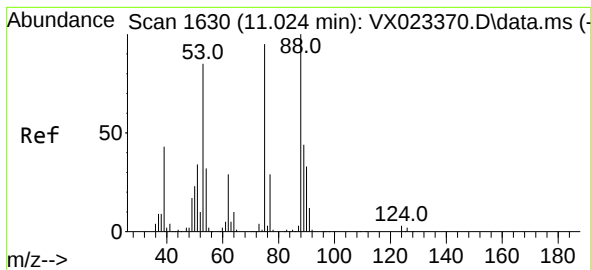
Tgt Ion:152 Resp: 85440
 Ion Ratio Lower Upper
 152 100
 115 57.5 41.1 123.3
 150 157.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.68 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023452.D
 Acq: 26 Jul 2021 15:37

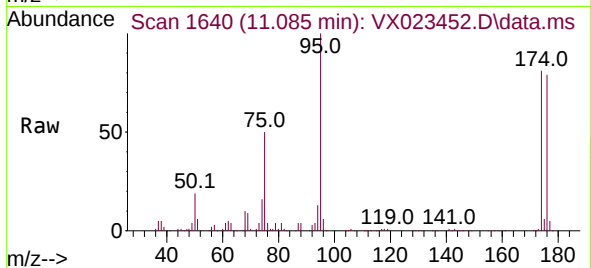
Tgt Ion: 75 Resp: 50163
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.74 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023452.D
 Acq: 26 Jul 2021 15:37

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	75	Resp:	50163
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

