

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX024000.D
 Acq On : 27 Aug 2021 18:18
 Operator : JC/MD
 Sample : M3561-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 28 04:59:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

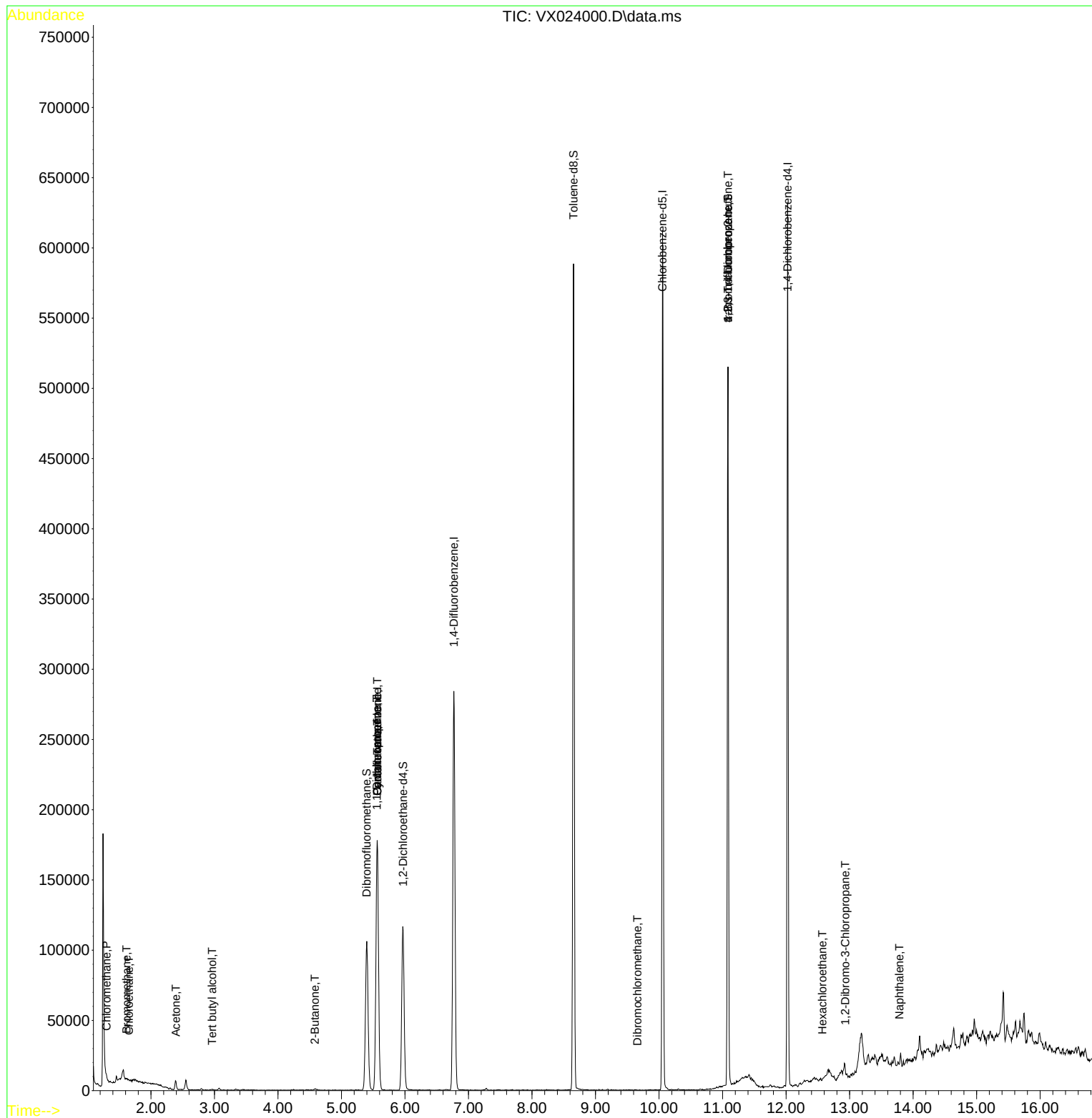
Internal Standards						
1) Pentafluorobenzene	5.562	168	163582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	282128	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	117713	51.559	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.120%	
35) Dibromofluoromethane	5.397	113	89799	48.089	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.180%	
50) Toluene-d8	8.653	98	341075	47.990	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.980%	
62) 4-Bromofluorobenzene	11.085	95	130372	49.830	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	731	0.386	ug/l #	76
5) Bromomethane	1.617	94	352	0.303	ug/l #	78
6) Chloroethane	1.654	64	414	2.474	ug/l #	43
11) Tert butyl alcohol	2.965	59	401	0.869	ug/l #	73
16) Acetone	2.392	43	7012	6.869	ug/l #	85
25) 2-Butanone	4.580	43	1588	1.027	ug/l #	87
31) Cyclohexane	5.562	56	3803	1.297	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	12974	4.966	ug/l #	47
38) Carbon Tetrachloride	5.562	117	17019	6.247	ug/l #	15
60) Dibromochloromethane	9.659	129	25	1.699	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	70691	25.168	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	70691	74.032	ug/l #	12
90) Hexachloroethane	12.573	117	19	1.480	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	12.932	75	43	2.220	ug/l #	24
95) Naphthalene	13.786	128	484	1.336	ug/l #	83

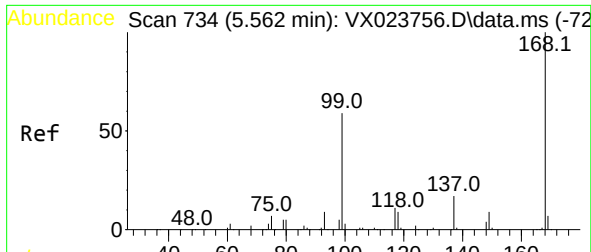
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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Response via : Initial Calibration

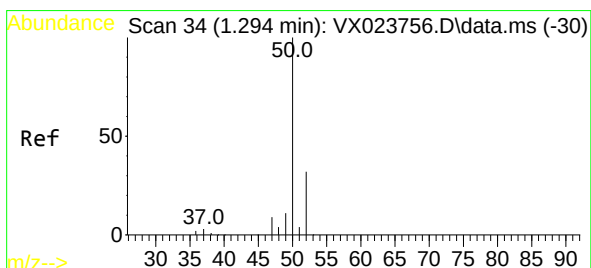
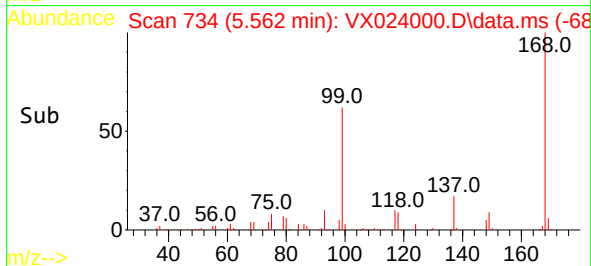
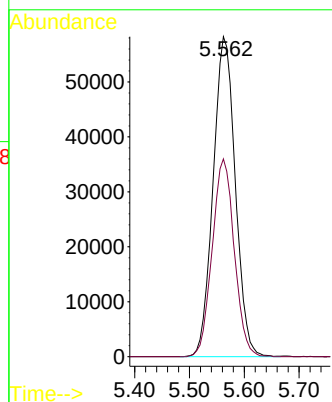
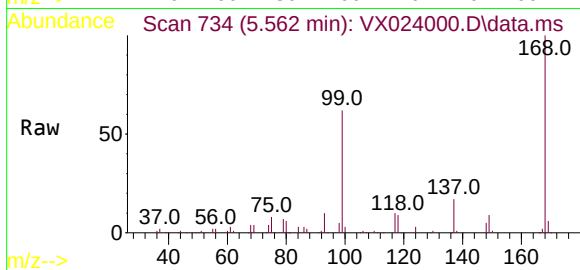




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

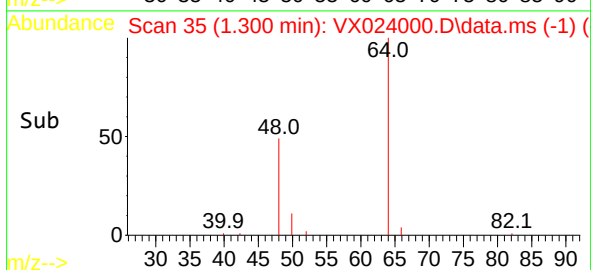
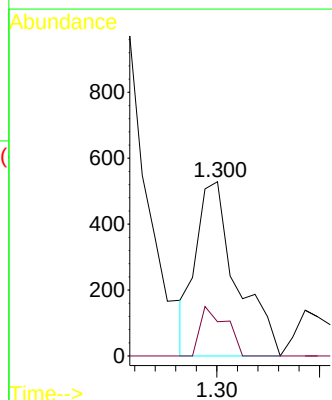
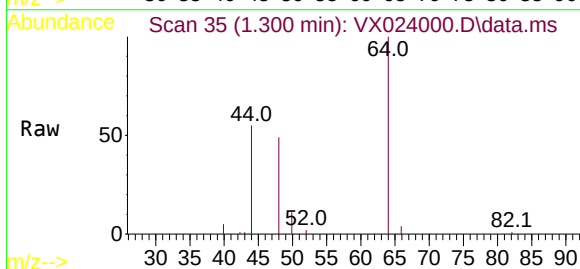
Instrument :
MSVOA_X
ClientSampled :

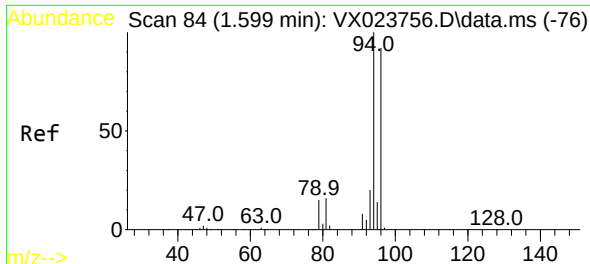
Tgt Ion:168 Resp: 163582
Ion Ratio Lower Upper
168 100
99 61.8 45.8 68.6



#3
Chloromethane
Concen: 0.386 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

Tgt Ion: 50 Resp: 731
Ion Ratio Lower Upper
50 100
52 19.7 26.4 39.6#

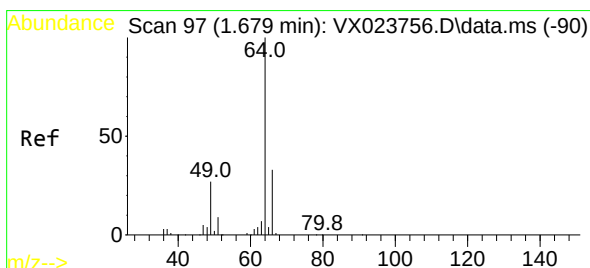
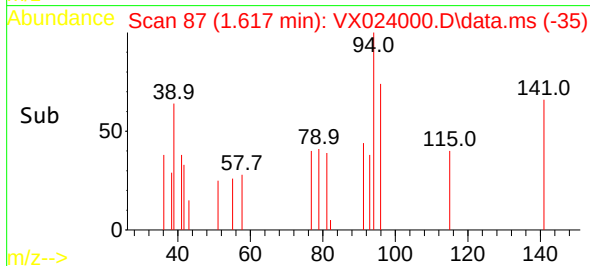
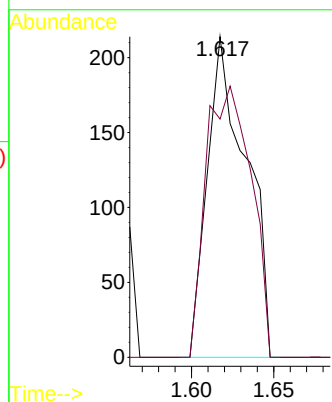
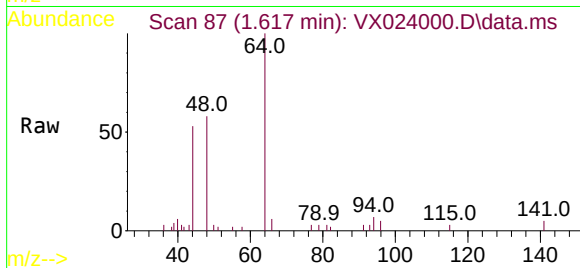




#5
Bromomethane
Concen: 0.303 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

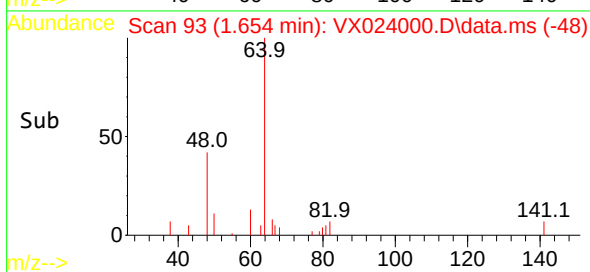
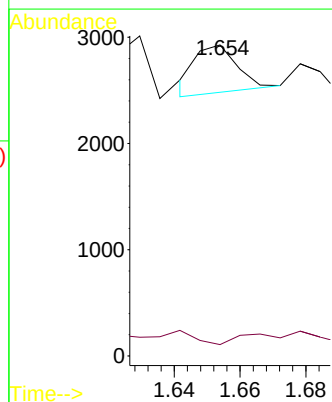
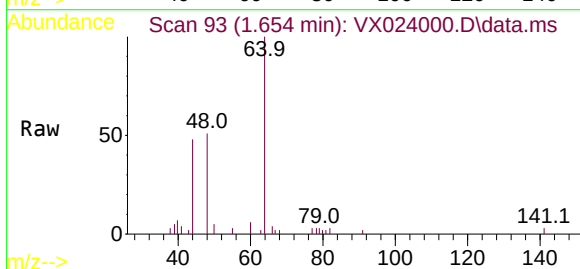
Instrument :
MSVOA_X
ClientSampled :

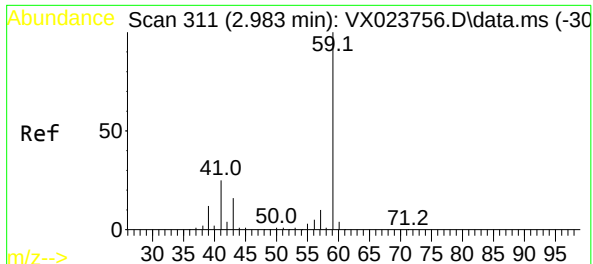
Tgt Ion: 94 Resp: 352
Ion Ratio Lower Upper
94 100
96 74.3 76.4 114.6#



#6
Chloroethane
Concen: 2.474 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

Tgt Ion: 64 Resp: 414
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



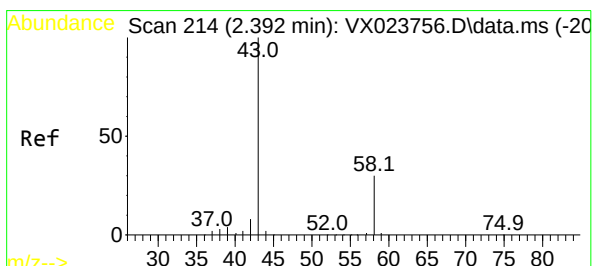
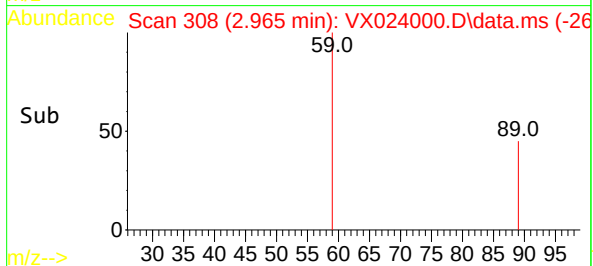
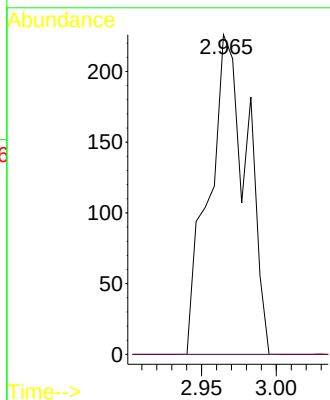
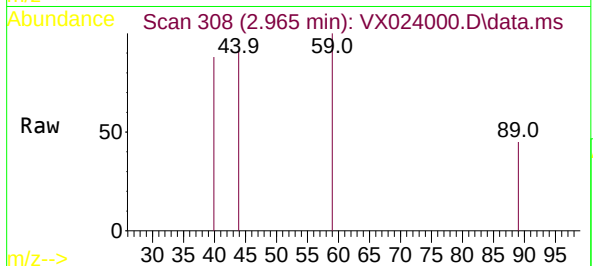


#11

Tert butyl alcohol
Concen: 0.869 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

Instrument :
MSVOA_X
ClientSampled :

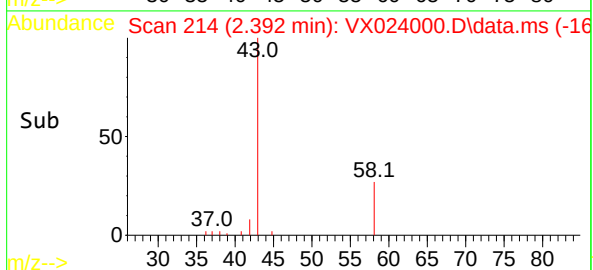
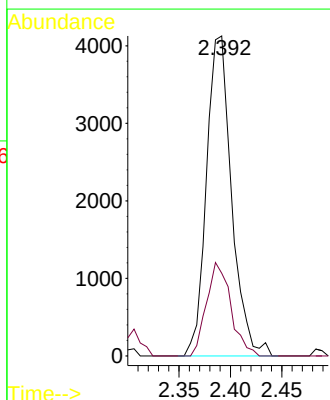
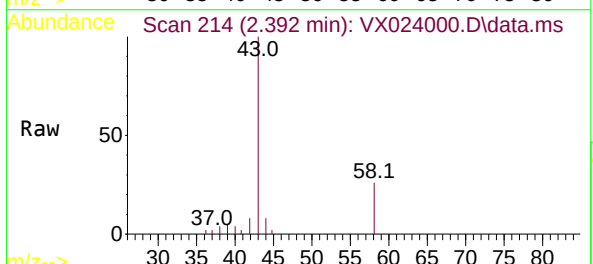
Tgt Ion: 59 Resp: 401
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

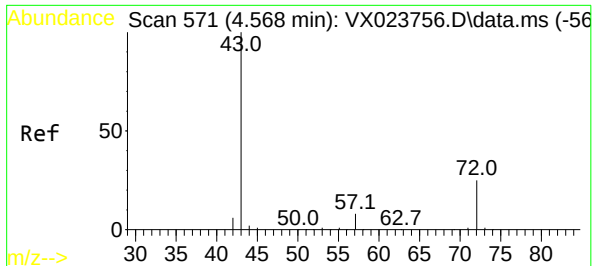


#16

Acetone
Concen: 6.869 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

Tgt Ion: 43 Resp: 7012
Ion Ratio Lower Upper
43 100
58 25.8 27.8 41.8#

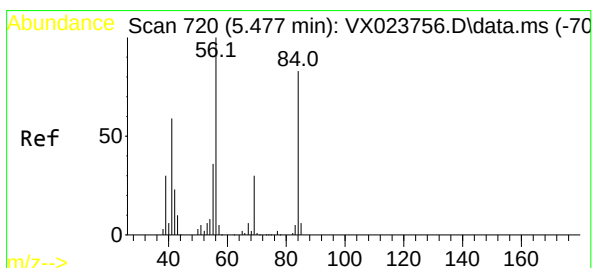
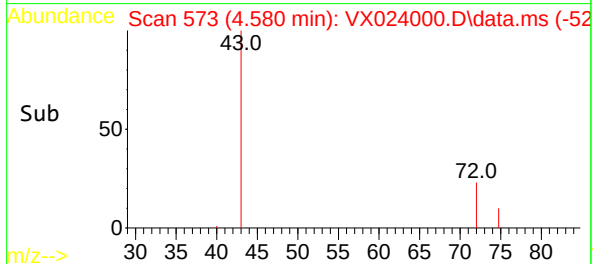
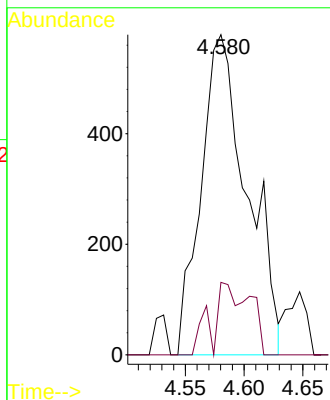
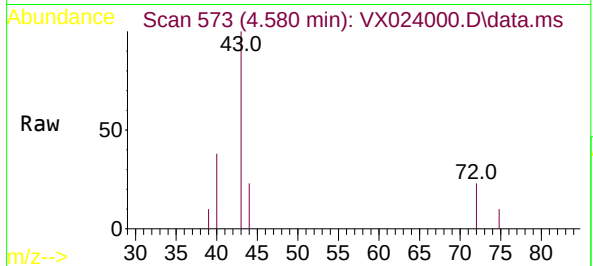




#25
2-Butanone
Concen: 1.027 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

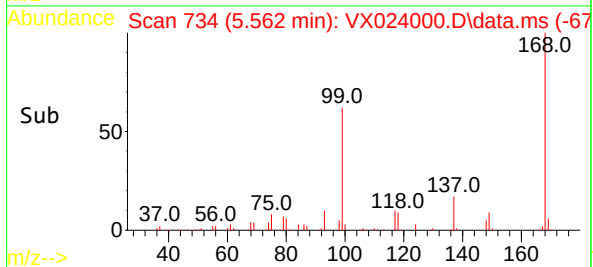
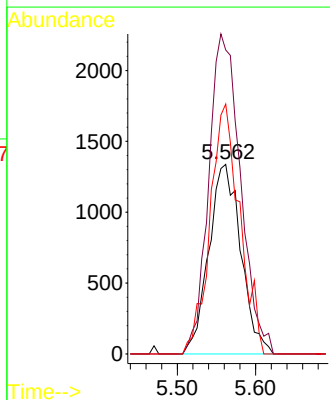
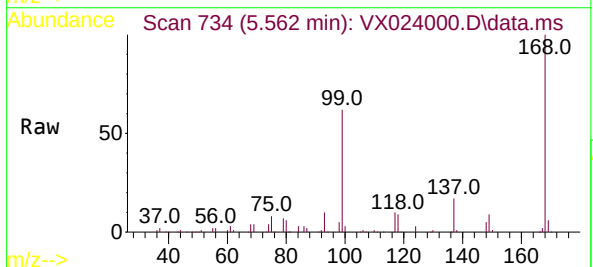
Instrument :
MSVOA_X
ClientSampled :

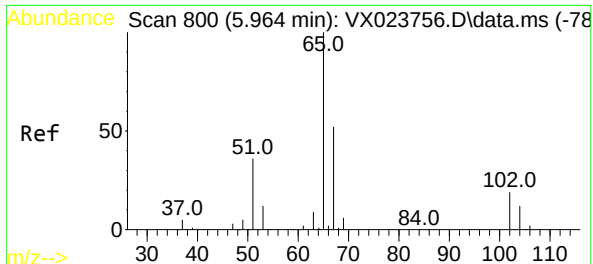
Tgt Ion: 43 Resp: 1588
Ion Ratio Lower Upper
43 100
72 22.6 23.7 35.5#



#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

Tgt Ion: 56 Resp: 3803
Ion Ratio Lower Upper
56 100
69 160.3 25.3 37.9#
84 131.8 71.4 107.0#



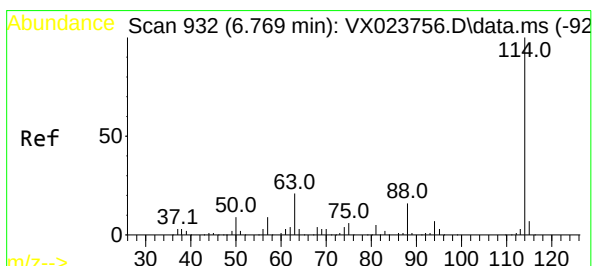
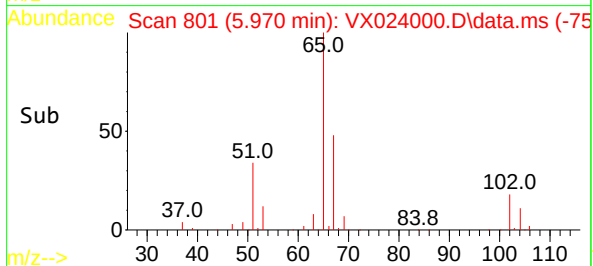
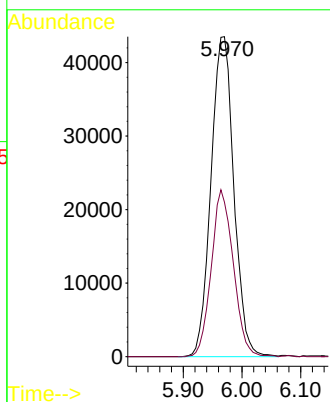
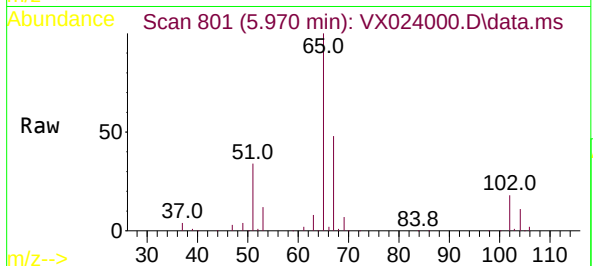


#33

1,2-Dichloroethane-d4
Concen: 51.559 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

Instrument :
MSVOA_X
ClientSampled :

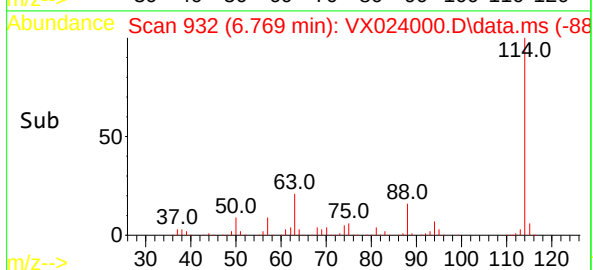
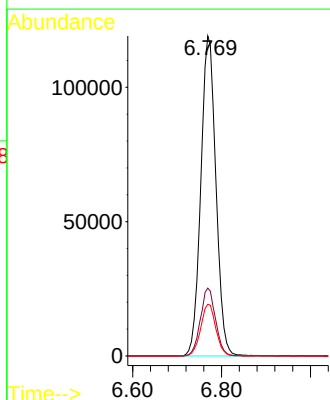
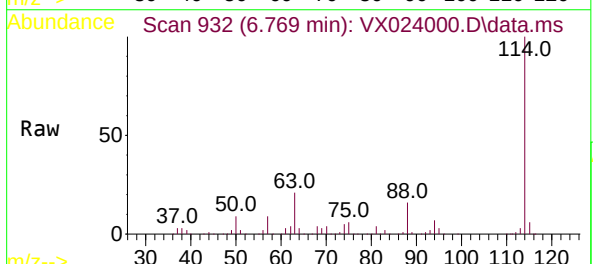
Tgt Ion: 65 Resp: 117713
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

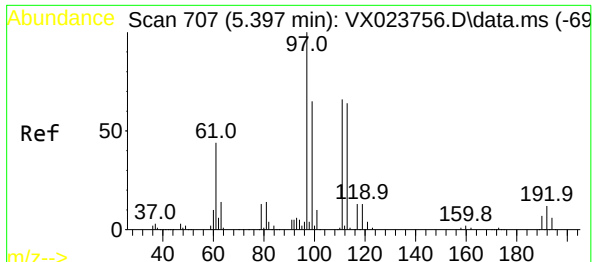


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

Tgt Ion: 114 Resp: 282128
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.1 0.0 32.8

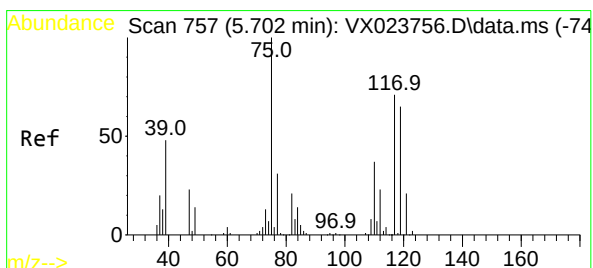
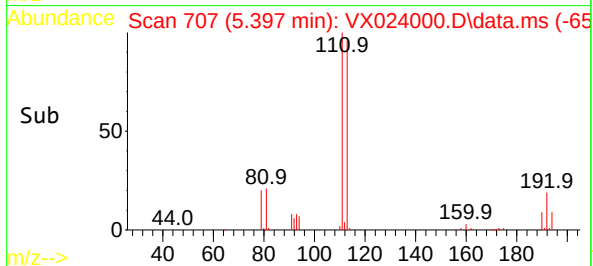
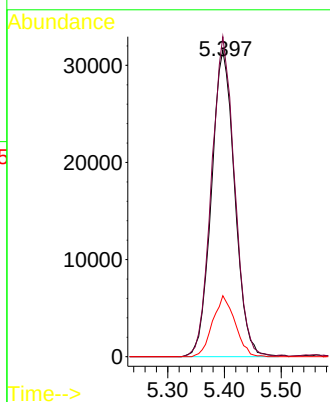
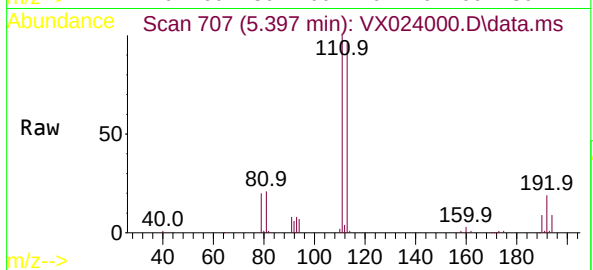




#35
Dibromofluoromethane
Concen: 48.089 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

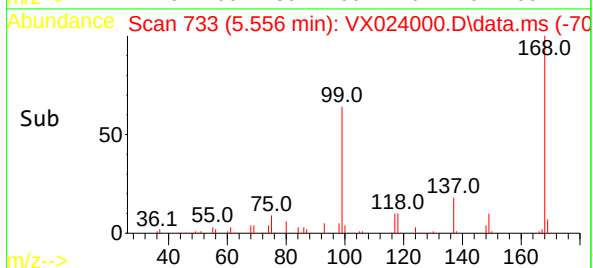
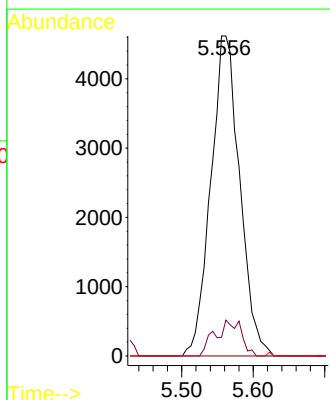
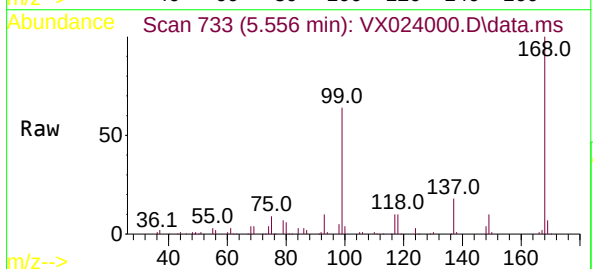
Instrument :
MSVOA_X
ClientSampled :

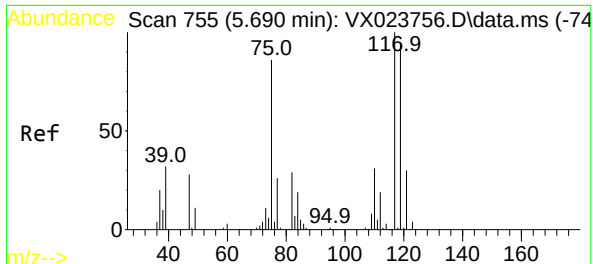
Tgt Ion:113 Resp: 89799
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 19.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.966 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

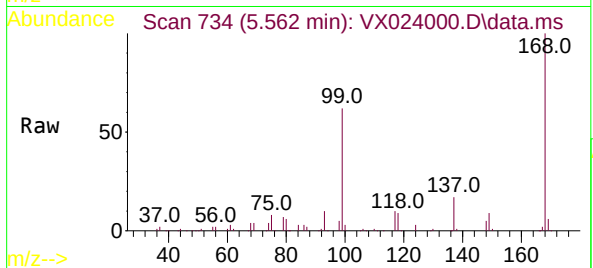
Tgt Ion: 75 Resp: 12974
Ion Ratio Lower Upper
75 100
110 7.2 18.1 54.4#
77 0.0 25.3 37.9#



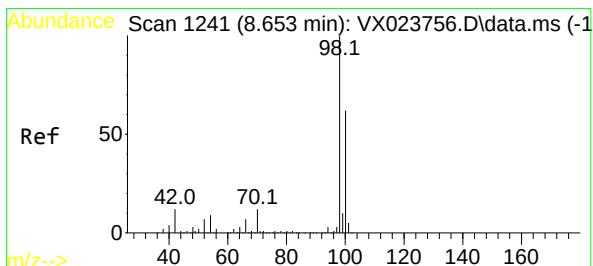
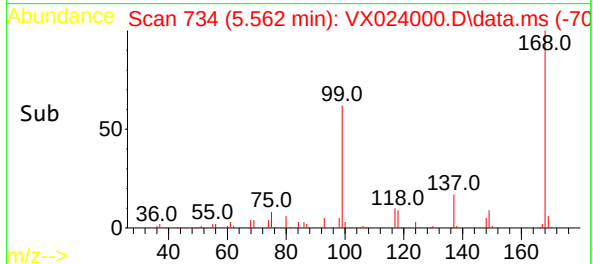
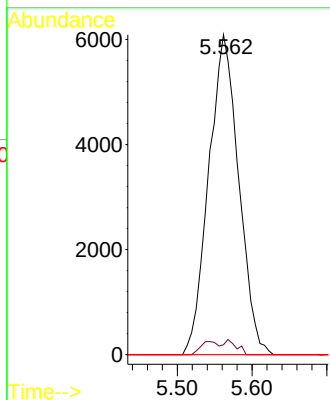


#38
Carbon Tetrachloride
Concen: 6.247 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

Instrument :
MSVOA_X
ClientSampled :

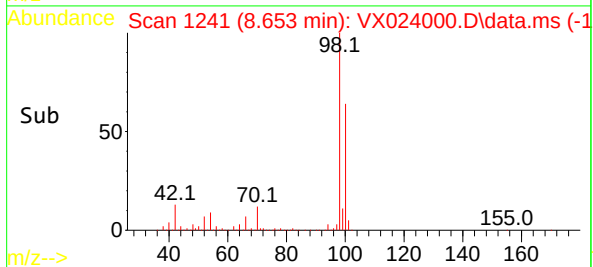
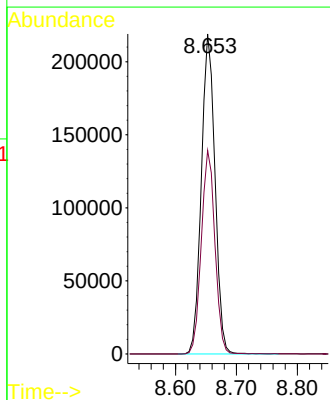
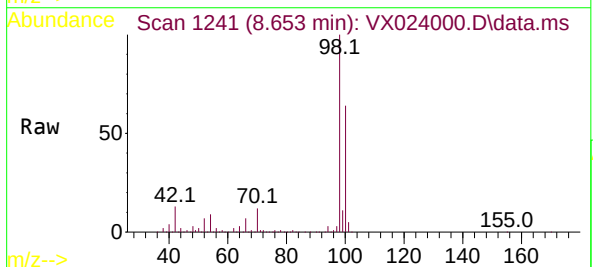


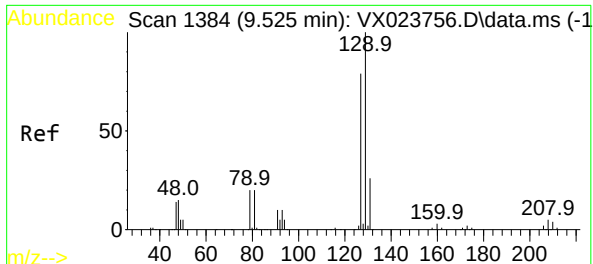
Tgt Ion:117 Resp: 17019
Ion Ratio Lower Upper
117 100
119 3.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.990 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

Tgt Ion: 98 Resp: 341075
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9





#60

Dibromochloromethane

Concen: 1.699 ug/l

RT: 9.659 min Scan# 1406

Delta R.T. 0.134 min

Lab File: VX024000.D

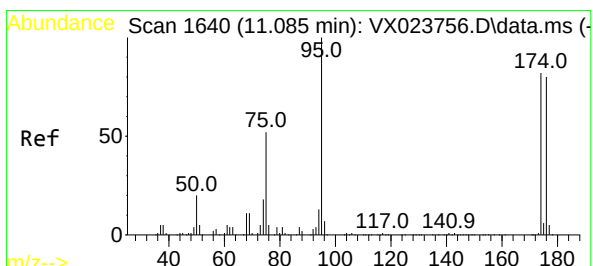
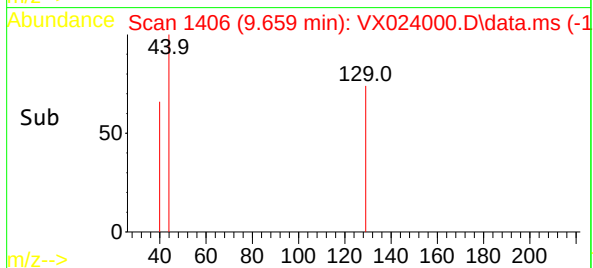
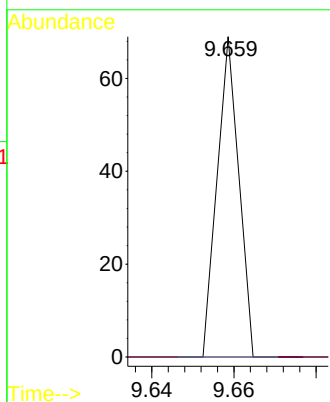
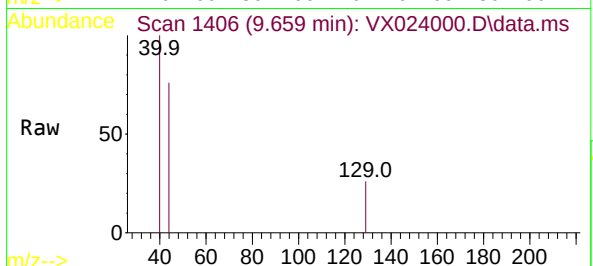
Acq: 27 Aug 2021 18:18

Tgt Ion:129 Resp: 25

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 49.830 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024000.D

Acq: 27 Aug 2021 18:18

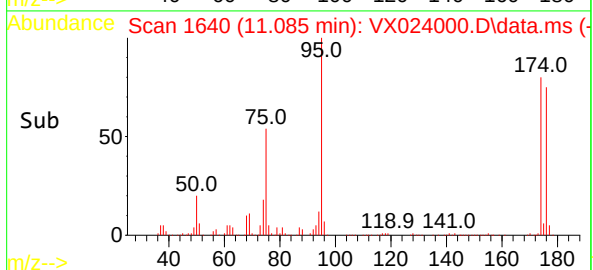
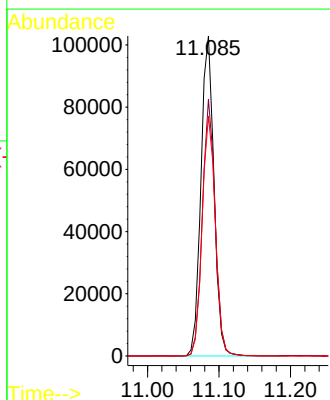
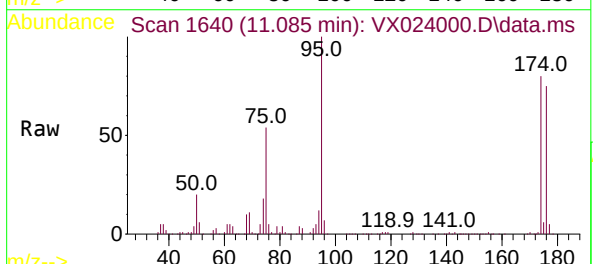
Tgt Ion: 95 Resp: 130372

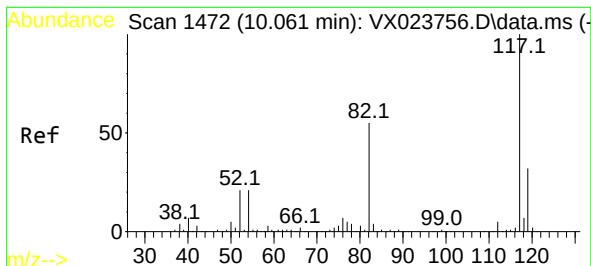
Ion Ratio Lower Upper

95 100

174 78.7 0.0 154.6

176 75.8 0.0 155.8

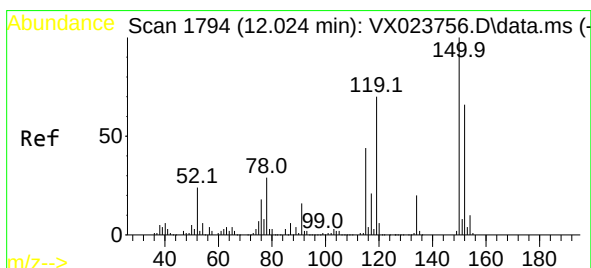
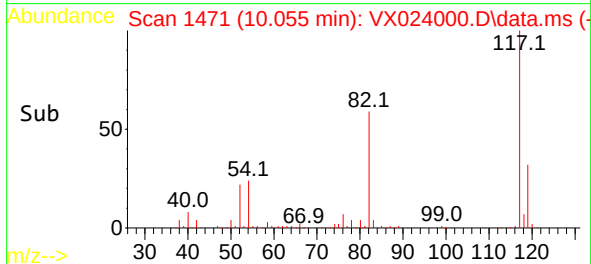
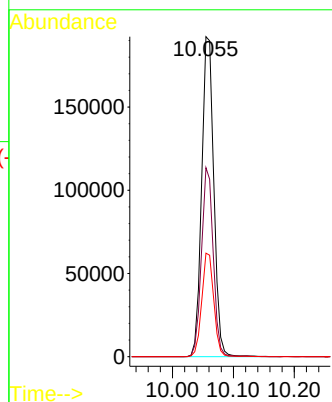
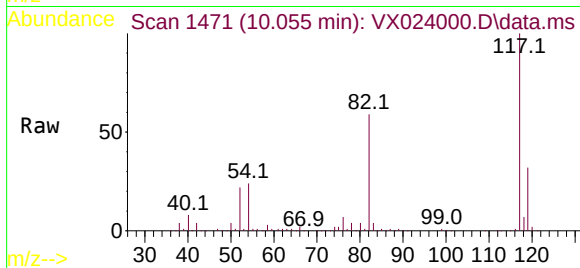




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

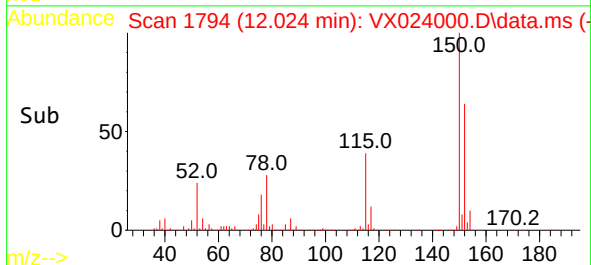
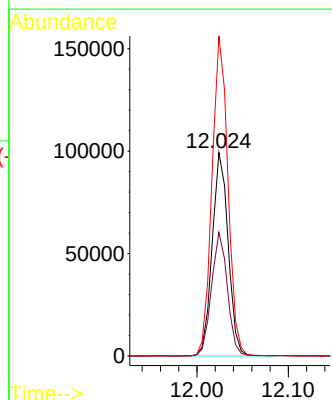
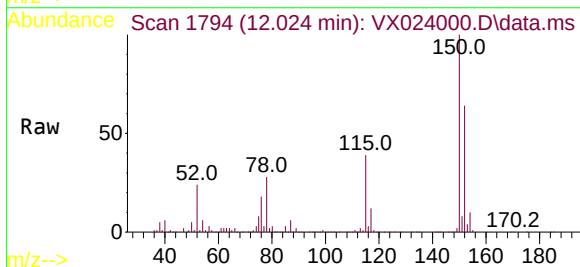
Instrument :
MSVOA_X
ClientSampled :

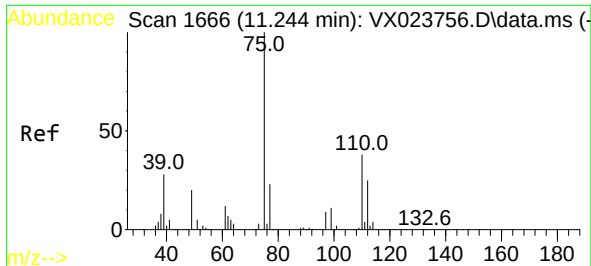
Tgt Ion:117 Resp: 265829
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

Tgt Ion:152 Resp: 120407
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 156.9 0.0 349.0

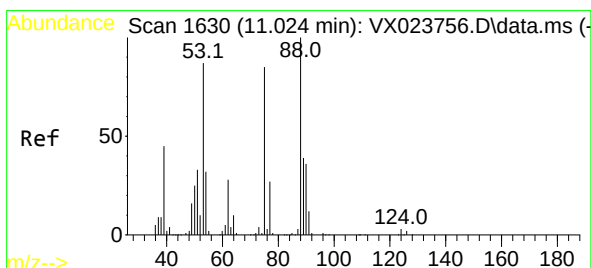
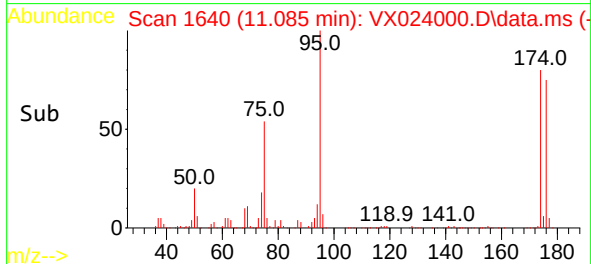
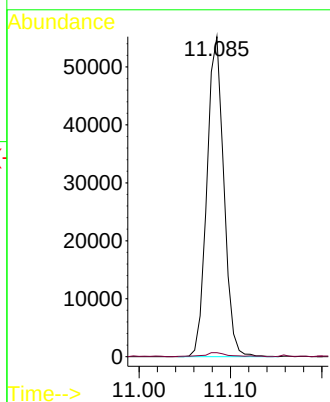
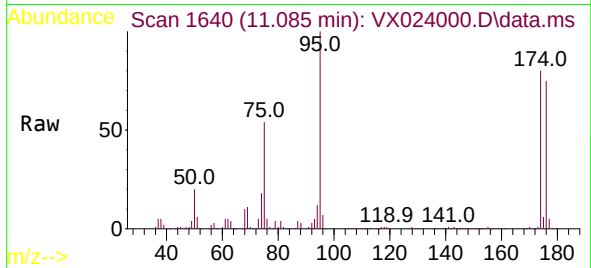




#76
1,2,3-Trichloropropane
Concen: 25.168 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

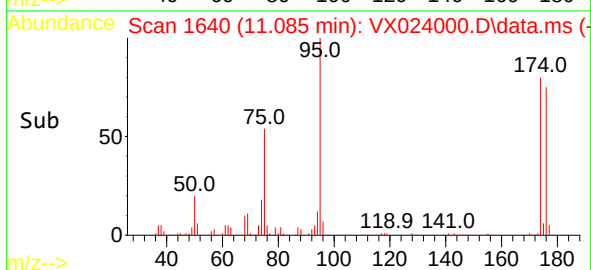
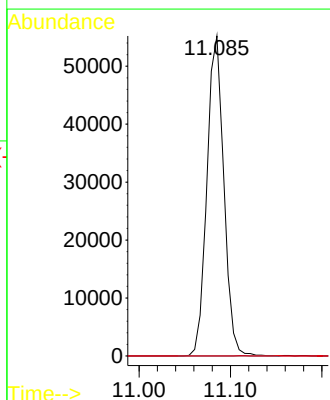
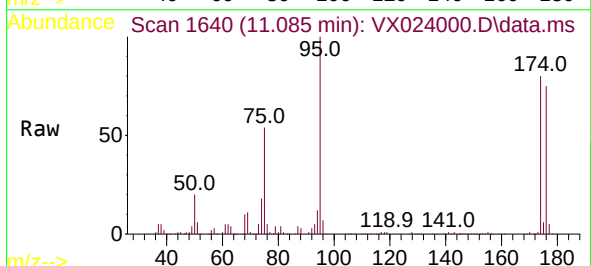
Instrument :
MSVOA_X
ClientSampled :

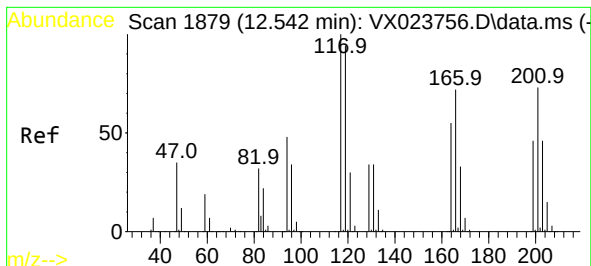
Tgt Ion: 75 Resp: 70691
Ion Ratio Lower Upper
75 100
77 1.7 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.032 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

Tgt Ion: 75 Resp: 70691
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

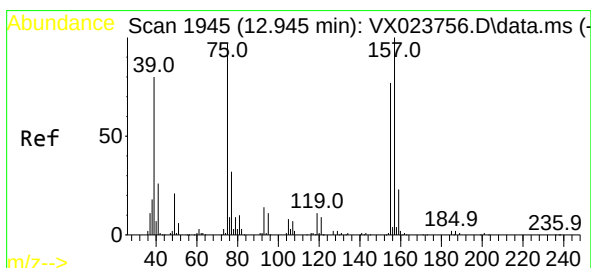
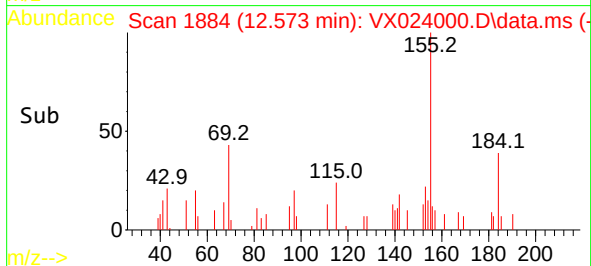
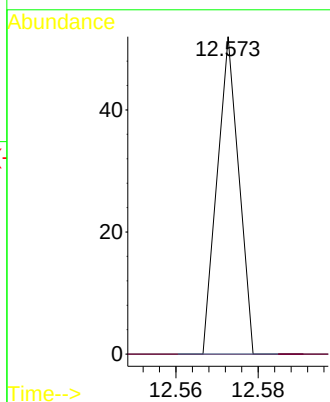
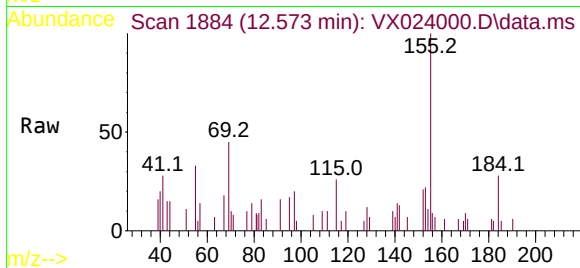




#90
Hexachloroethane
Concen: 1.480 ug/l
RT: 12.573 min Scan# 1884
Delta R.T. 0.031 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

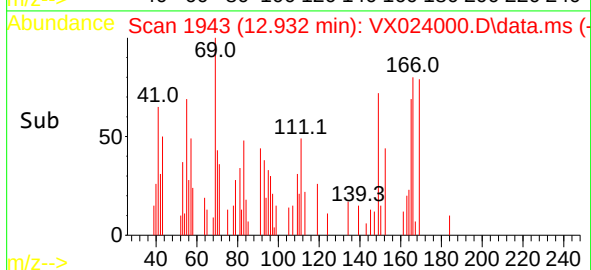
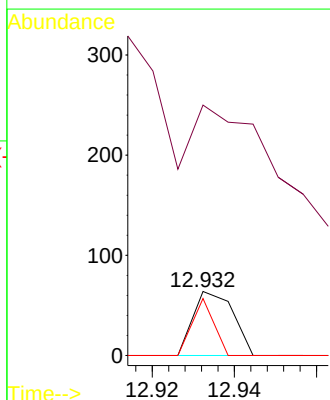
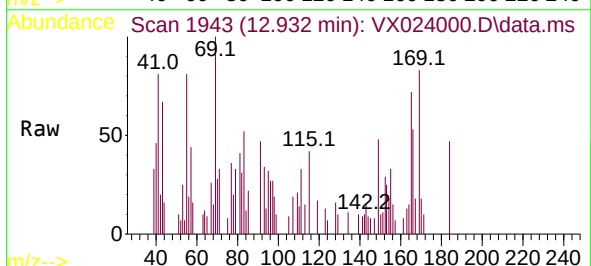
Instrument :
MSVOA_X
ClientSampled :

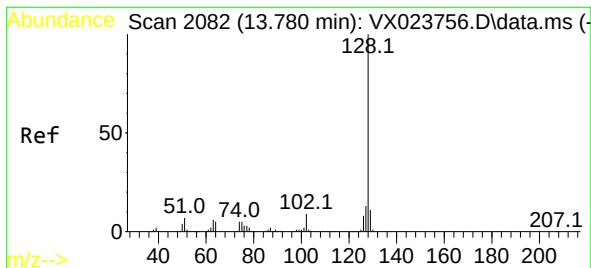
Tgt Ion:117 Resp: 19
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.220 ug/l
RT: 12.932 min Scan# 1943
Delta R.T. -0.013 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

Tgt Ion: 75 Resp: 43
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 48.8 57.7 173.1#





#95
Naphthalene
Concen: 1.336 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024000.D
Acq: 27 Aug 2021 18:18

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 484
Ion Ratio Lower Upper
128 100
127 16.9 10.3 15.5#
129 20.2 8.8 13.2#

