

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023995.D
 Acq On : 27 Aug 2021 16:20
 Operator : JC/MD
 Sample : M3561-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 28 04:57:54 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)

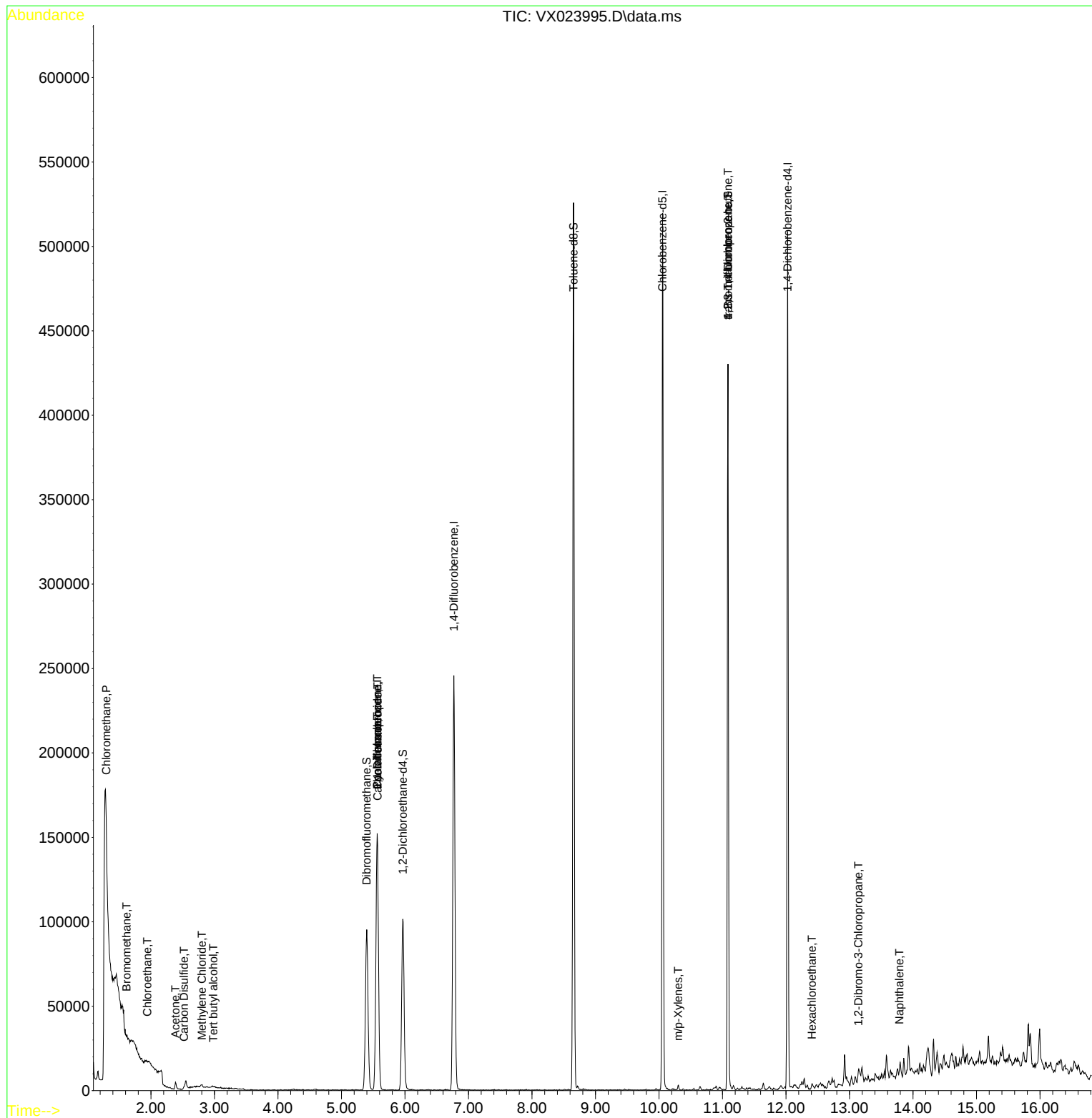
Internal Standards						
1) Pentafluorobenzene	5.562	168	139255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	238248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101945	52.453	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.900%		
35) Dibromofluoromethane	5.398	113	79981	50.720	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.440%		
50) Toluene-d8	8.653	98	292912	48.804	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.600%		
62) 4-Bromofluorobenzene	11.086	95	106460	48.185	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.360%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	12004	7.443	ug/l #	46
5) Bromomethane	1.618	94	352	0.356	ug/l #	79
6) Chloroethane	1.941	64	1112	3.026	ug/l #	58
11) Tert butyl alcohol	2.983	59	590	1.501	ug/l #	73
16) Acetone	2.386	43	4184	4.815	ug/l	90
17) Carbon Disulfide	2.520	76	2794	0.877	ug/l #	94
20) Methylene Chloride	2.800	84	508	0.306	ug/l #	77
31) Cyclohexane	5.562	56	3293	1.319	ug/l #	53
36) 1,1-Dichloropropene	5.562	75	11393	5.164	ug/l #	50
38) Carbon Tetrachloride	5.568	117	14697	6.388	ug/l #	18
68) m/p-Xylenes	10.299	106	707	0.228	ug/l	86
76) 1,2,3-Trichloropropane	11.086	75	58225	25.012	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	58225	73.573	ug/l #	12
90) Hexachloroethane	12.408	117	70	1.528	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	13.140	75	76	2.286	ug/l #	1
95) Naphthalene	13.786	128	1004	1.416	ug/l #	38

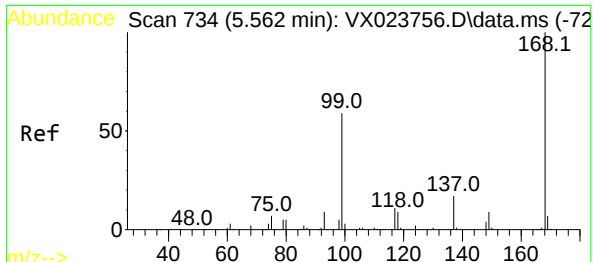
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

Quant Time: Aug 28 04:57:54 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

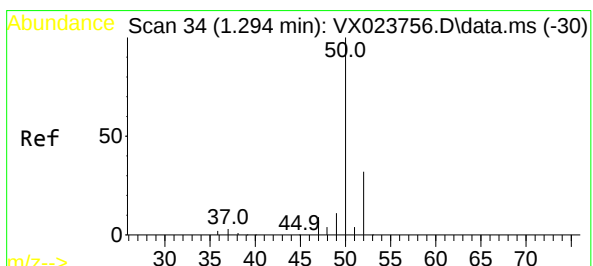
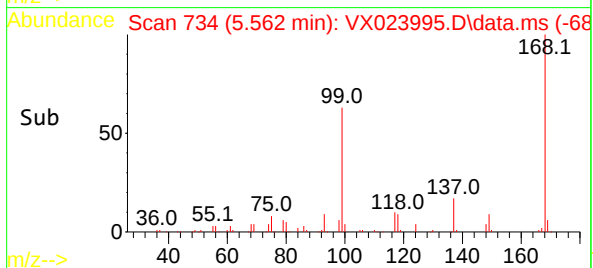
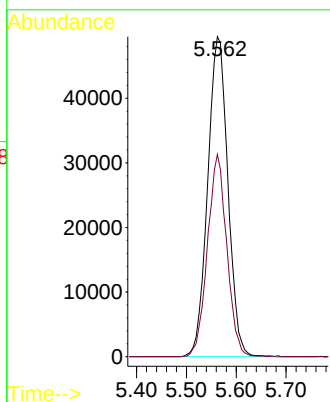
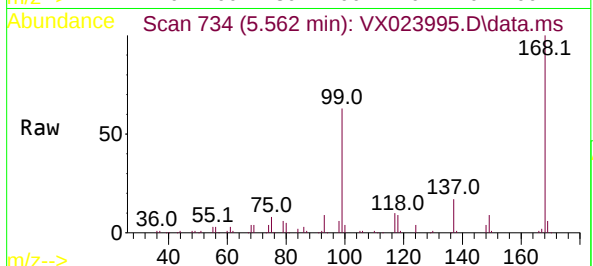




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

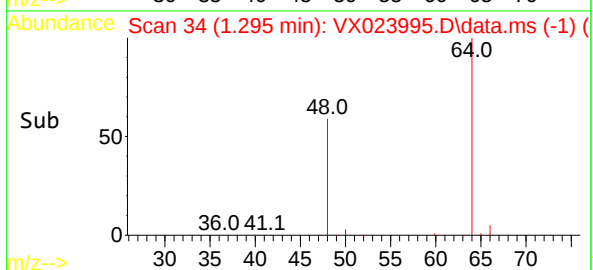
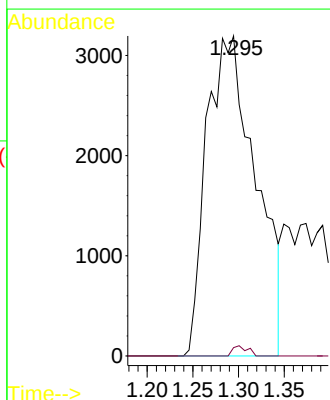
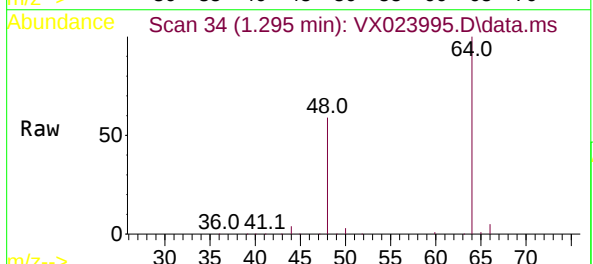
Instrument :
MSVOA_X
ClientSampled :

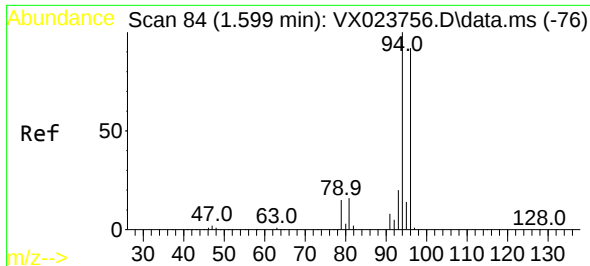
Tgt Ion:168 Resp: 139255
Ion Ratio Lower Upper
168 100
99 63.2 45.8 68.6



#3
Chloromethane
Concen: 7.443 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Tgt Ion: 50 Resp: 12004
Ion Ratio Lower Upper
50 100
52 2.6 26.4 39.6#

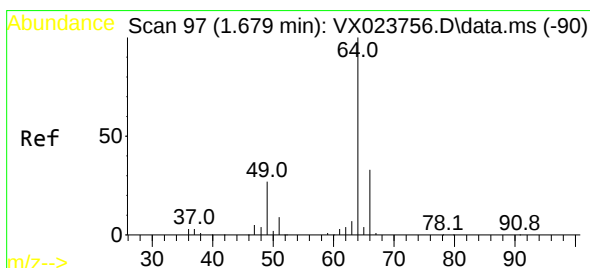
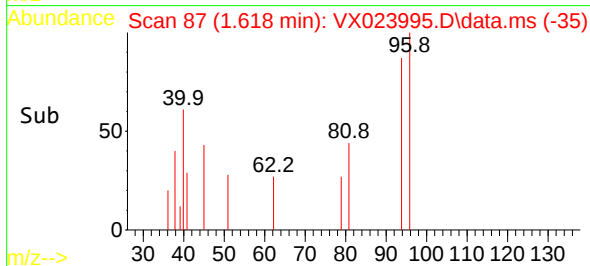
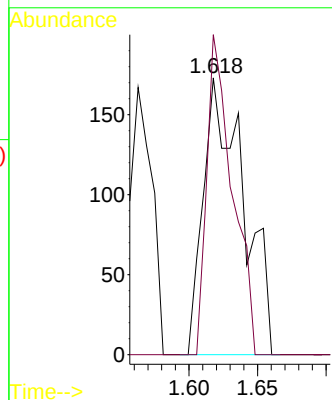
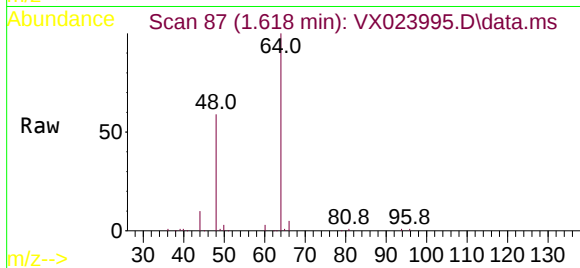




#5
Bromomethane
Concen: 0.356 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

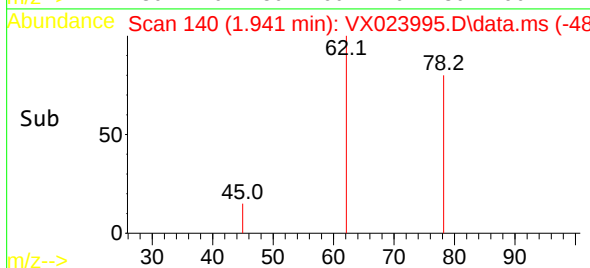
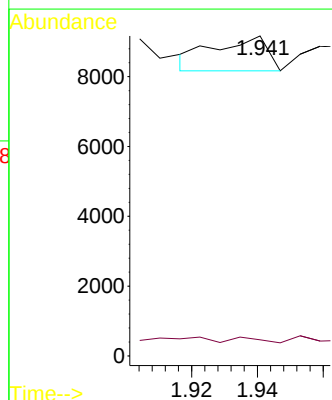
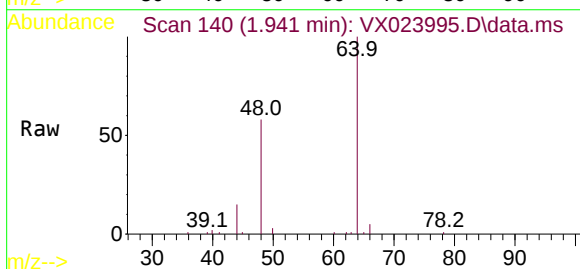
Instrument :
MSVOA_X
ClientSampled :

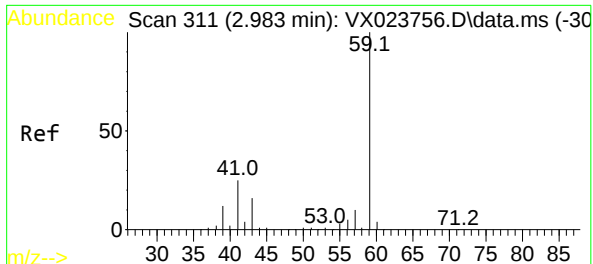
Tgt Ion: 94 Resp: 352
Ion Ratio Lower Upper
94 100
96 115.6 76.4 114.6#



#6
Chloroethane
Concen: 3.026 ug/l
RT: 1.941 min Scan# 140
Delta R.T. 0.262 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Tgt Ion: 64 Resp: 1112
Ion Ratio Lower Upper
64 100
66 8.5 25.4 38.0#



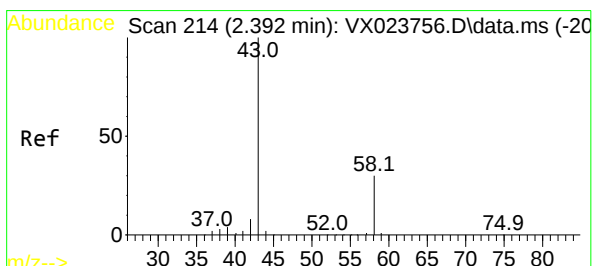
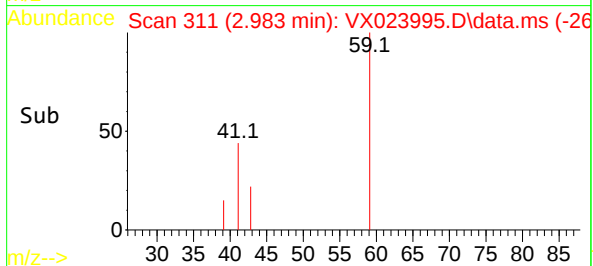
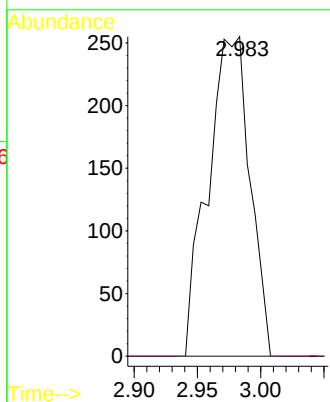
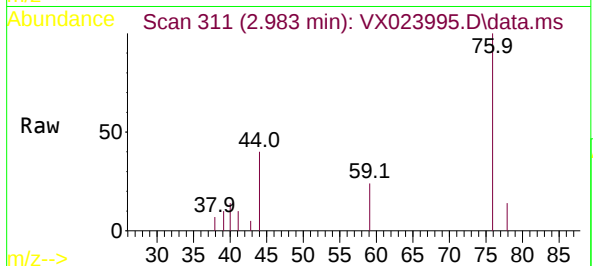


#11

Tert butyl alcohol
Concen: 1.501 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Instrument :
MSVOA_X
ClientSampled :

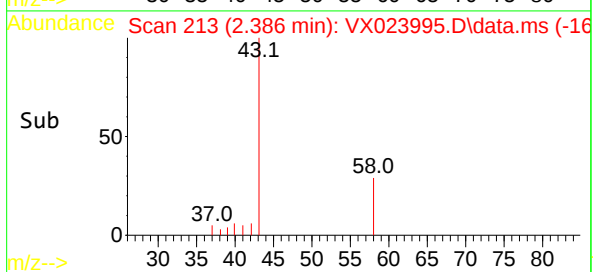
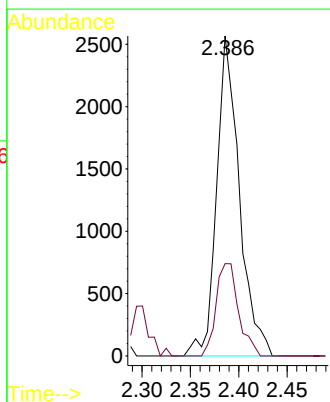
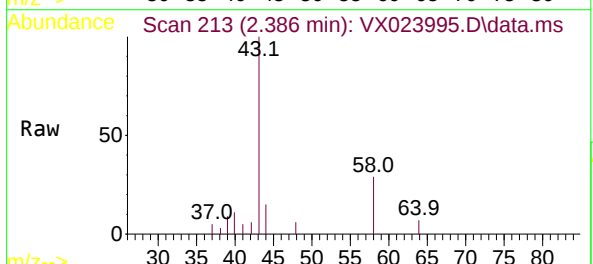
Tgt Ion: 59 Resp: 590
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

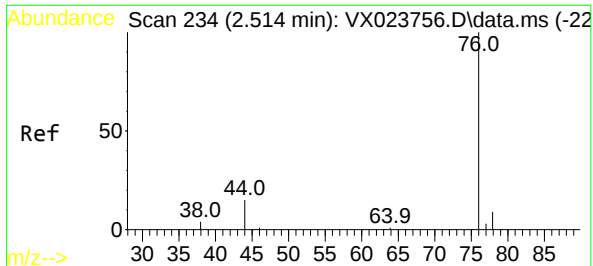


#16

Acetone
Concen: 4.815 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

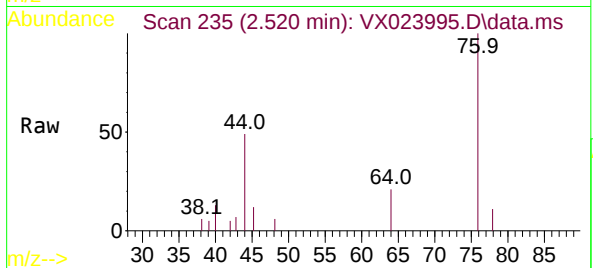
Tgt Ion: 43 Resp: 4184
Ion Ratio Lower Upper
43 100
58 28.9 27.8 41.8



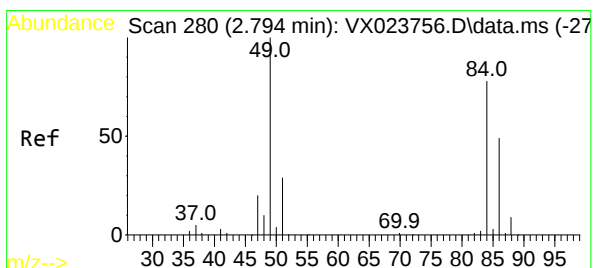
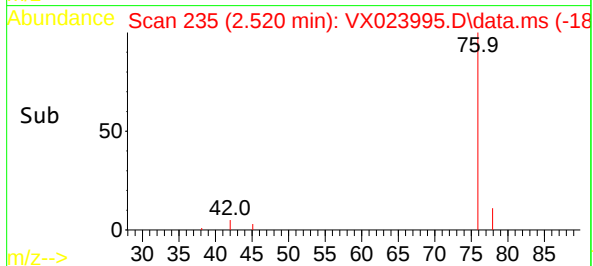
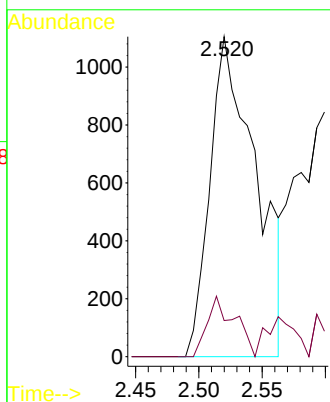


#17
Carbon Disulfide
Concen: 0.877 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Instrument :
MSVOA_X
ClientSampled :

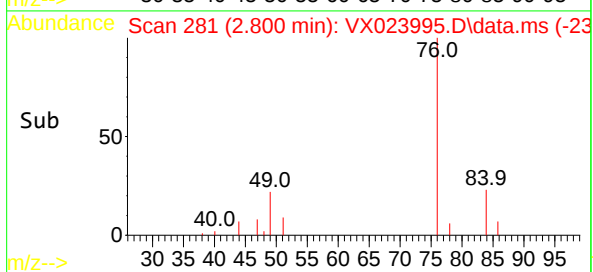
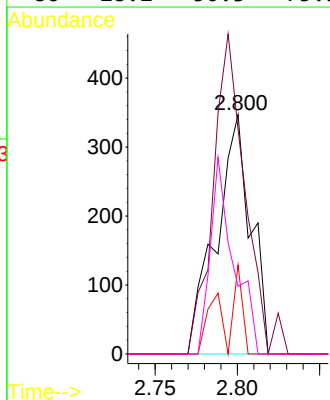
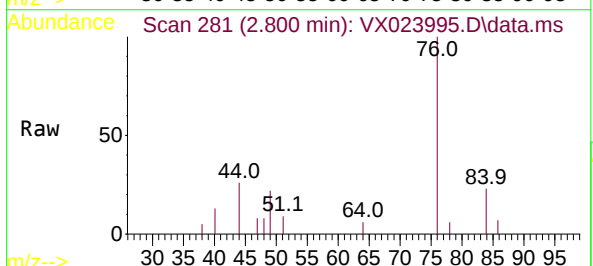


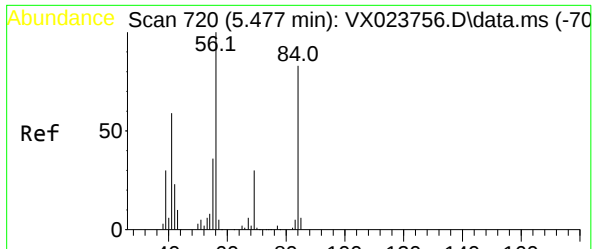
Tgt Ion: 76 Resp: 2794
Ion Ratio Lower Upper
76 100
78 11.3 7.2 10.8#



#20
Methylene Chloride
Concen: 0.306 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

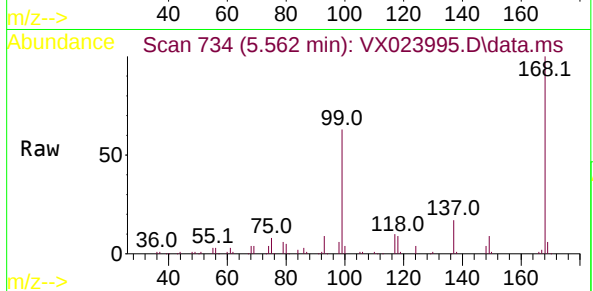
Tgt Ion: 84 Resp: 508
Ion Ratio Lower Upper
84 100
49 93.9 88.6 132.8
51 37.2 27.0 40.6
86 28.2 50.3 75.5#



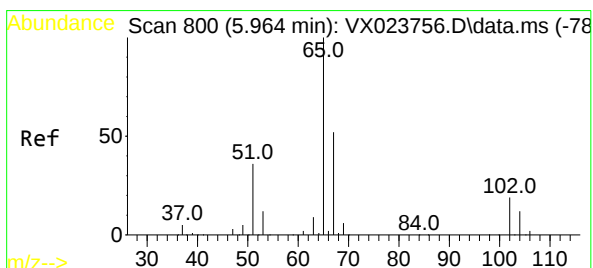
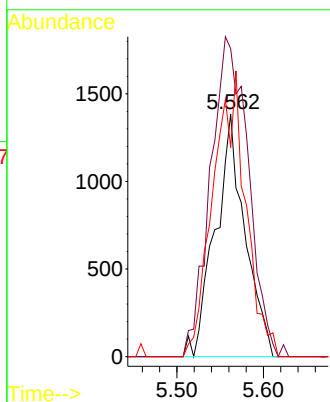
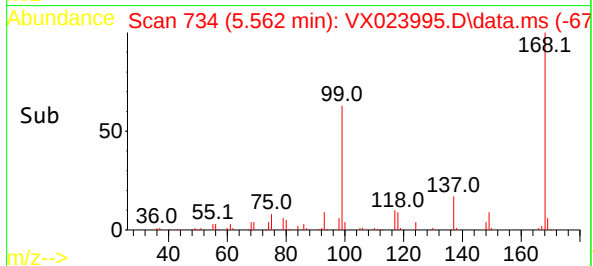


#31
Cyclohexane
Concen: 1.319 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

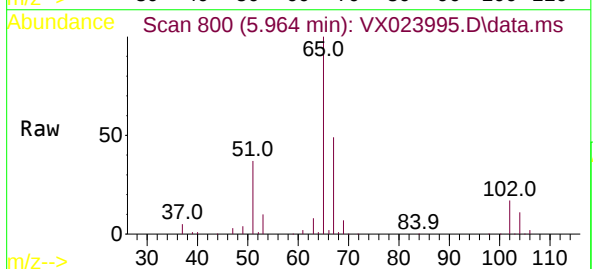
Instrument :
MSVOA_X
ClientSampleId :



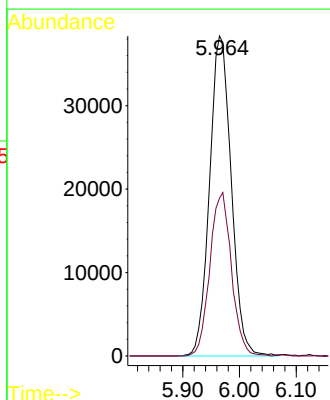
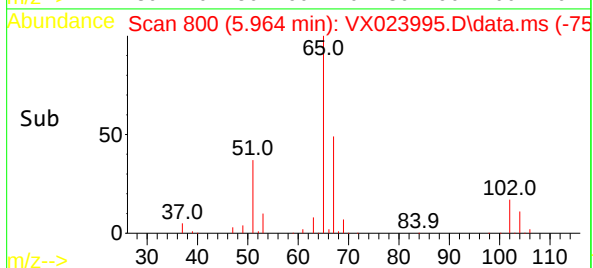
Tgt Ion: 56 Resp: 3293
Ion Ratio Lower Upper
56 100
69 127.0 25.3 37.9#
84 86.2 71.4 107.0

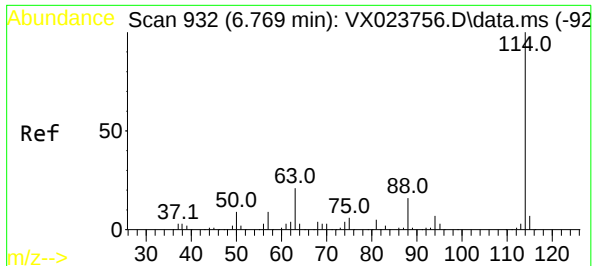


#33
1,2-Dichloroethane-d4
Concen: 52.453 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20



Tgt Ion: 65 Resp: 101945
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

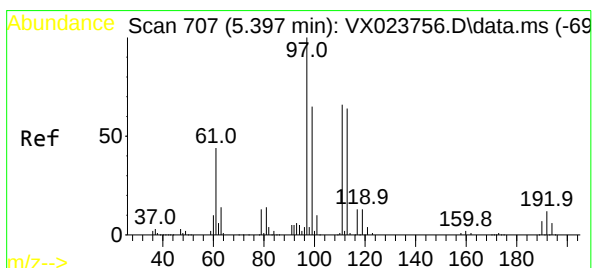
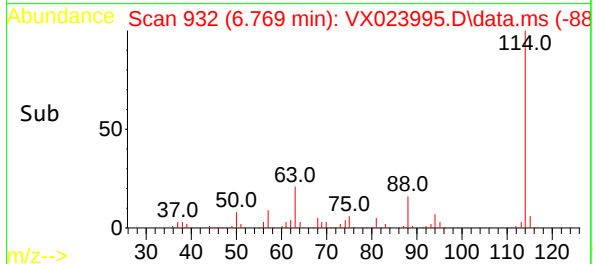
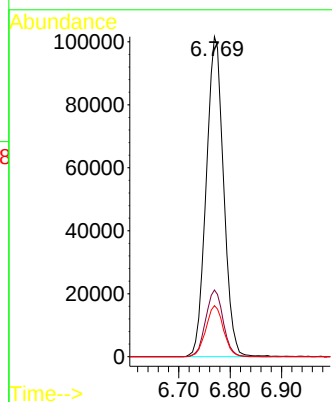
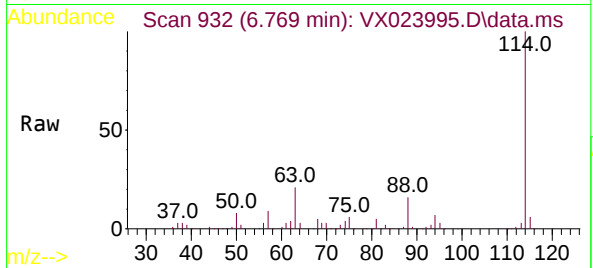




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

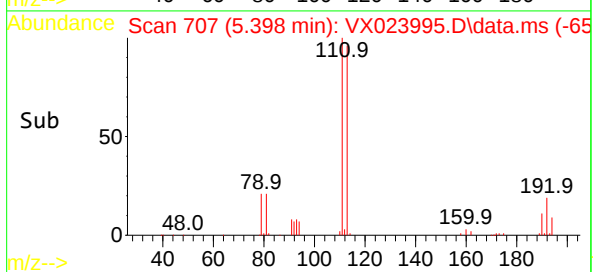
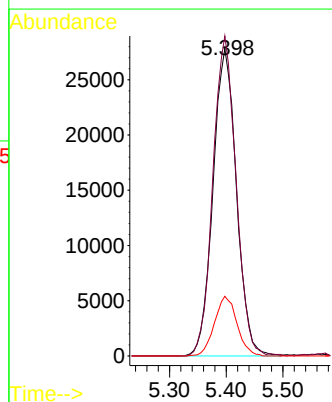
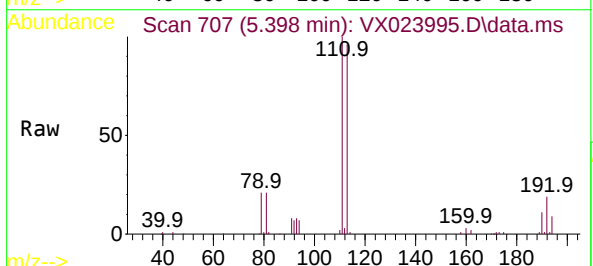
Instrument :
MSVOA_X
ClientSampleId :

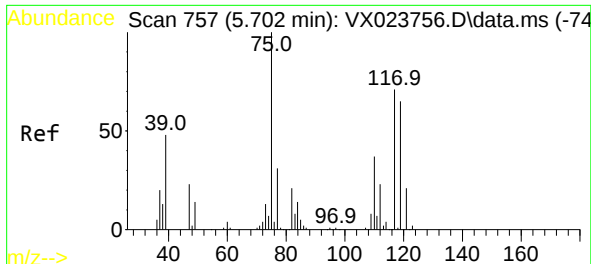
Tgt Ion:114 Resp: 238248
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.720 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Tgt Ion:113 Resp: 79981
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 18.7 16.7 25.1

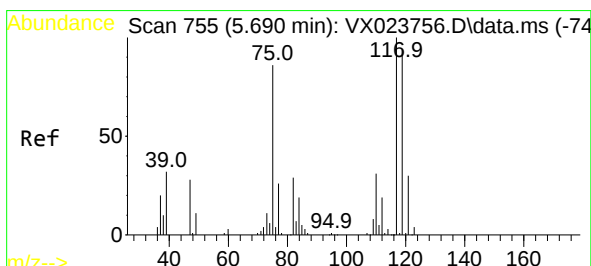
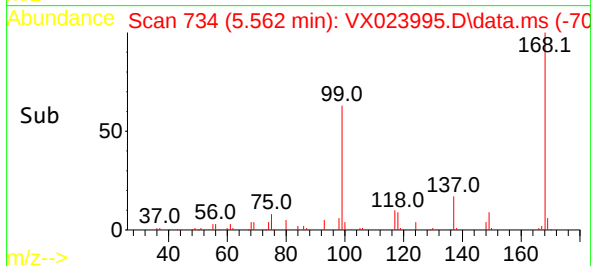
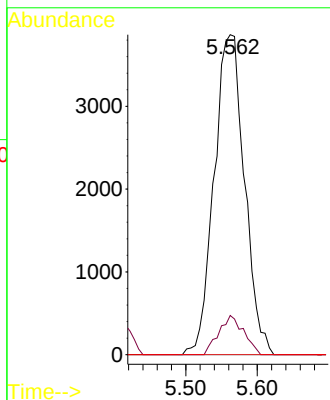
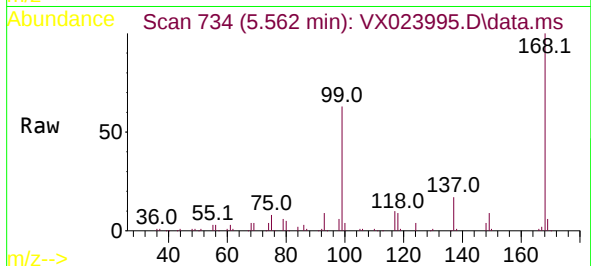




#36
1,1-Dichloropropene
Concen: 5.164 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

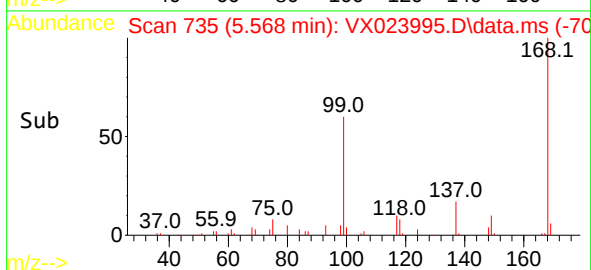
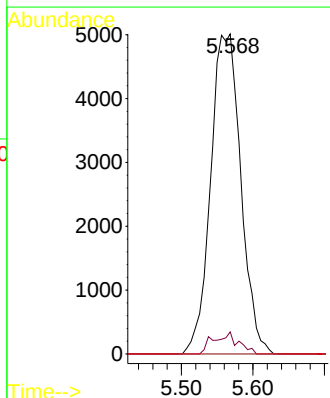
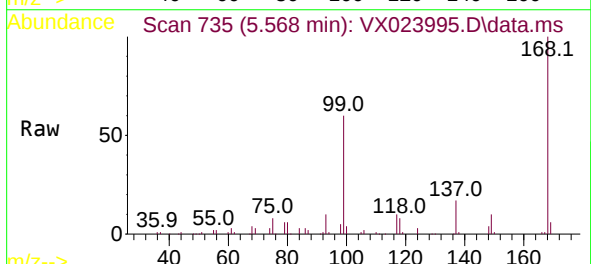
Instrument :
MSVOA_X
ClientSampled :

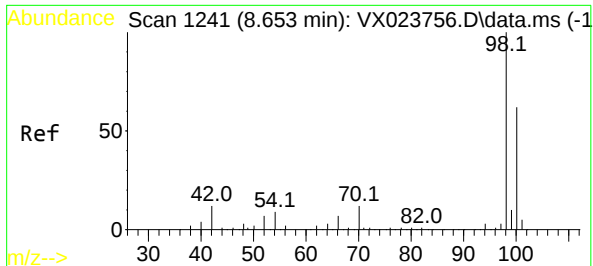
Tgt Ion: 75 Resp: 11393
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.388 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Tgt Ion: 117 Resp: 14697
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 24.8 37.2#

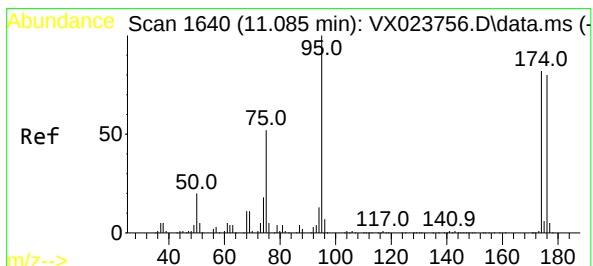
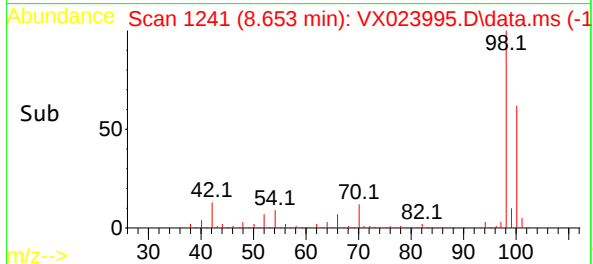
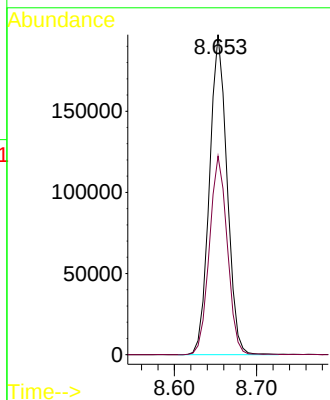
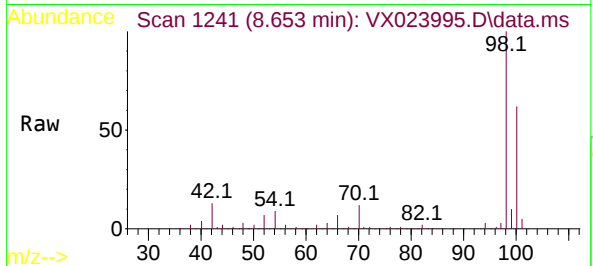




#50
Toluene-d8
Concen: 48.804 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

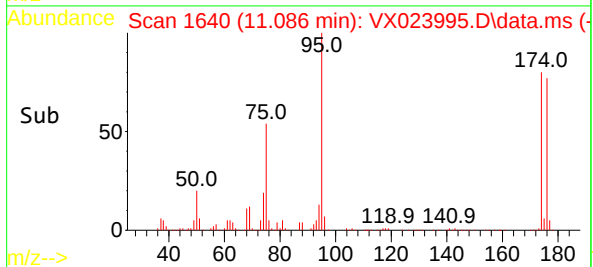
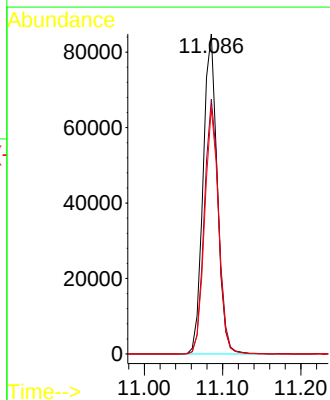
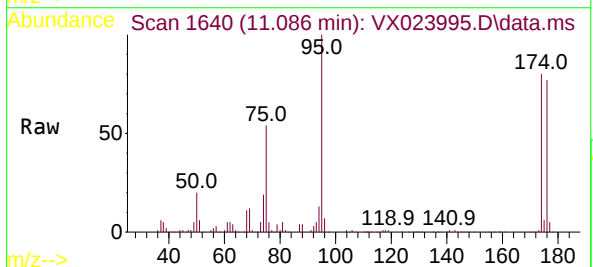
Instrument :
MSVOA_X
ClientSampled :

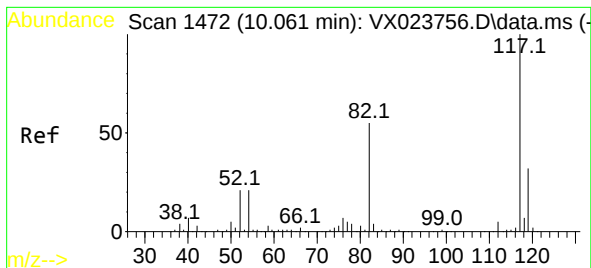
Tgt Ion: 98 Resp: 292912
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 48.185 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Tgt Ion: 95 Resp: 106460
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 75.6 0.0 155.8

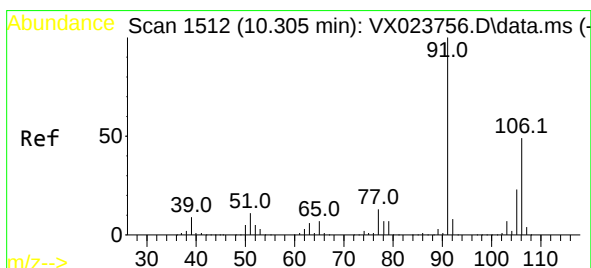
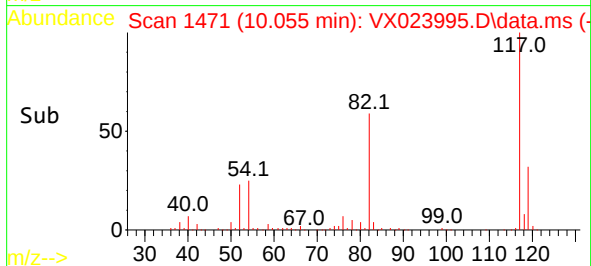
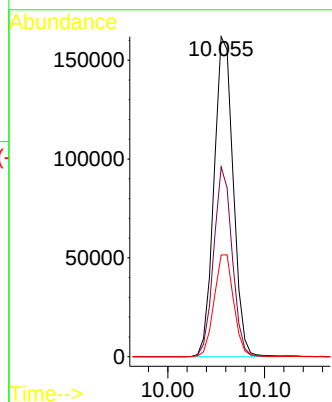
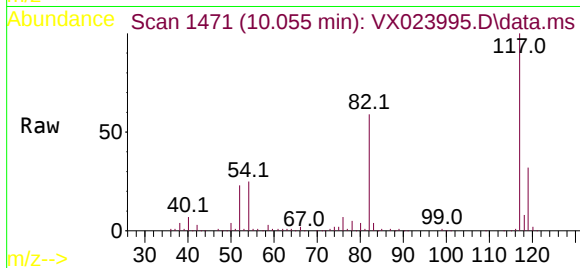




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

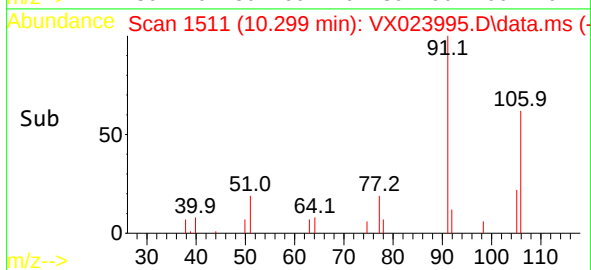
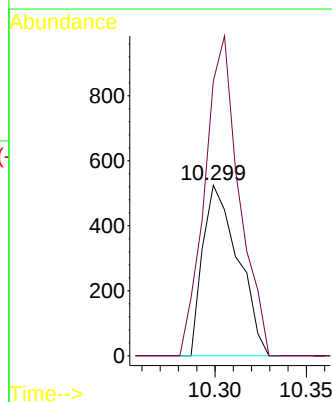
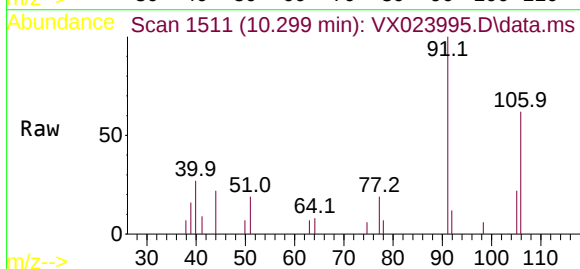
Instrument :
MSVOA_X
ClientSampled :

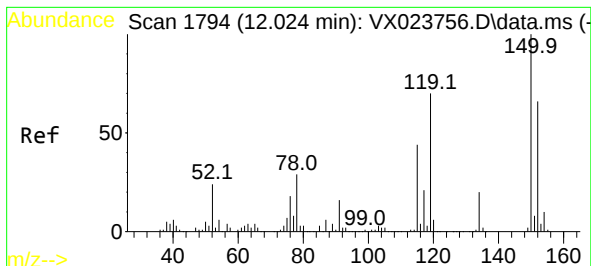
Tgt Ion:117 Resp: 223076
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 31.7 26.6 39.8



#68
m/p-Xylenes
Concen: 0.228 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Tgt Ion:106 Resp: 707
Ion Ratio Lower Upper
106 100
91 182.2 162.8 244.2

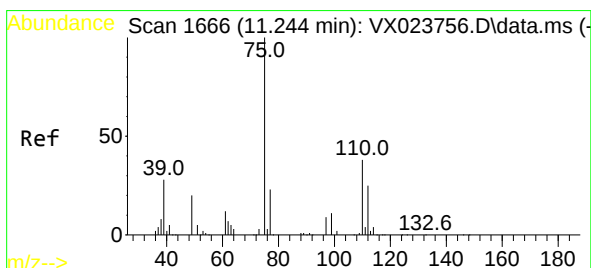
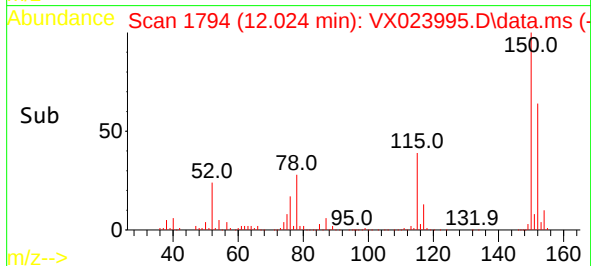
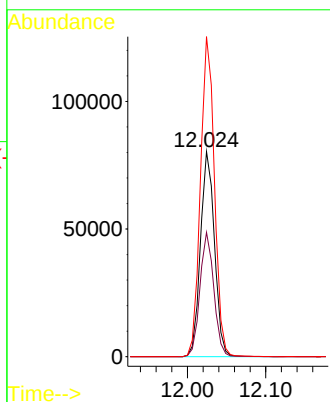
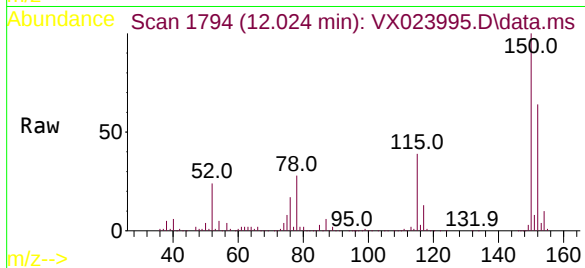




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

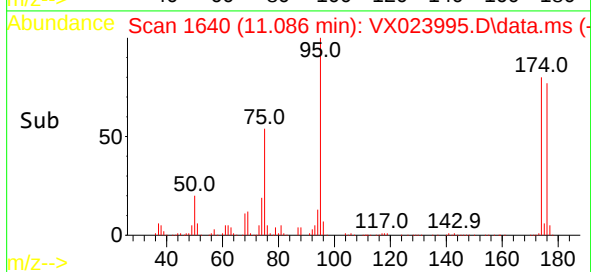
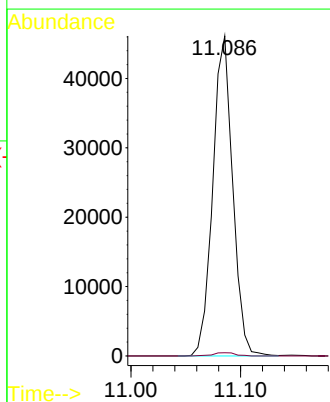
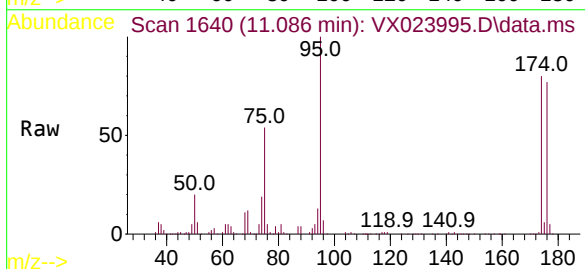
Instrument :
MSVOA_X
ClientSampled :

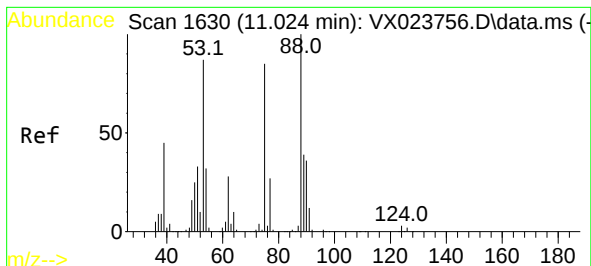
Tgt Ion:152 Resp: 99793
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 155.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.012 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Tgt Ion: 75 Resp: 58225
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

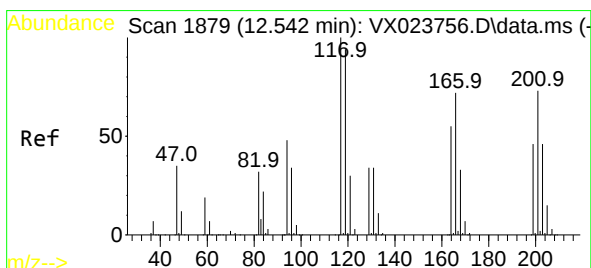
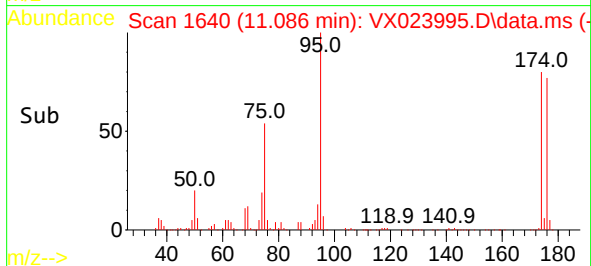
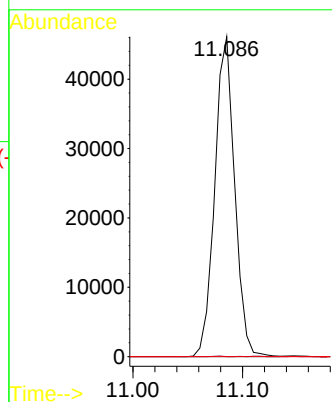
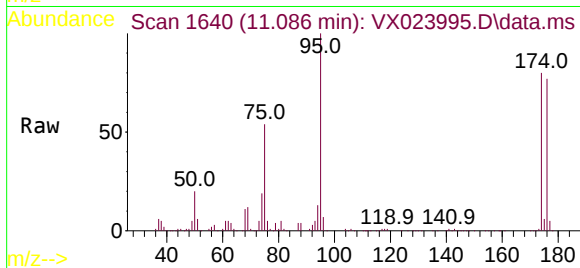




#81
trans-1,4-Dichloro-2-butene
Concen: 73.573 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

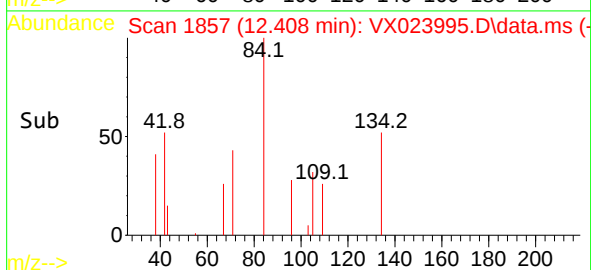
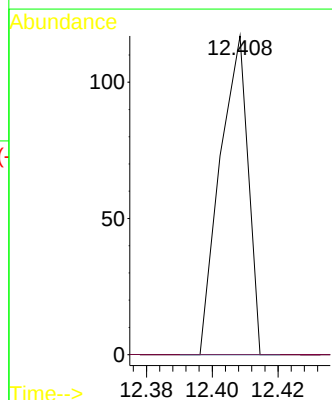
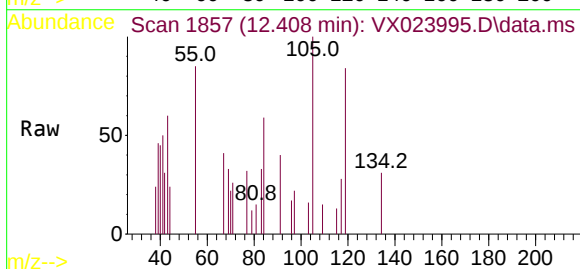
Instrument :
MSVOA_X
ClientSampleId :

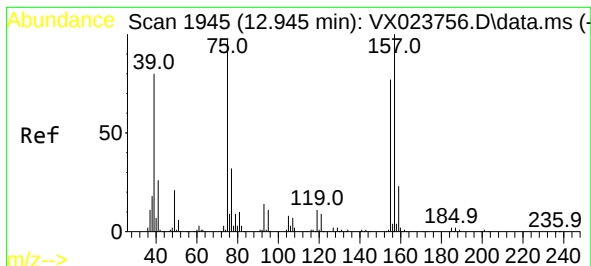
Tgt Ion: 75 Resp: 58225
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 1.528 ug/l
RT: 12.408 min Scan# 1857
Delta R.T. -0.134 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Tgt Ion: 117 Resp: 70
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#

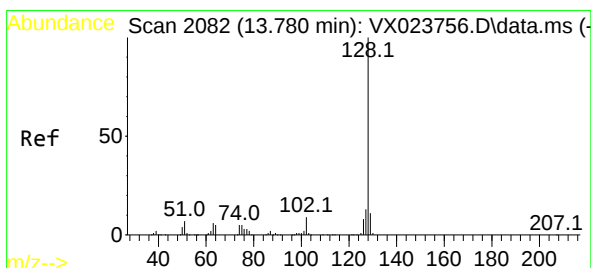
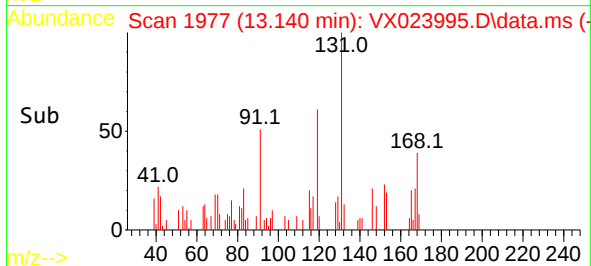
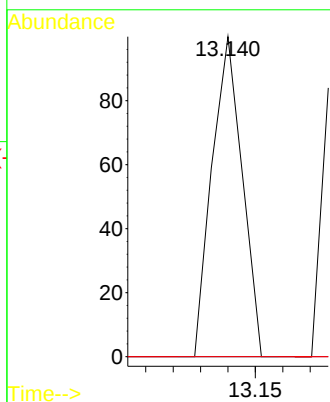
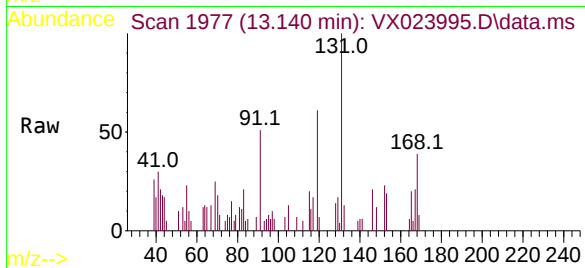




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.286 ug/l
RT: 13.140 min Scan# 1977
Delta R.T. 0.195 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 76
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#



#95
Naphthalene
Concen: 1.416 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023995.D
Acq: 27 Aug 2021 16:20

Tgt Ion:128 Resp: 1004
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 47.7 8.8 13.2#

