

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023981.D
 Acq On : 27 Aug 2021 10:05
 Operator : JC/MD
 Sample : VX0827MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0827MBL01

Quant Time: Aug 28 04:53:06 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)

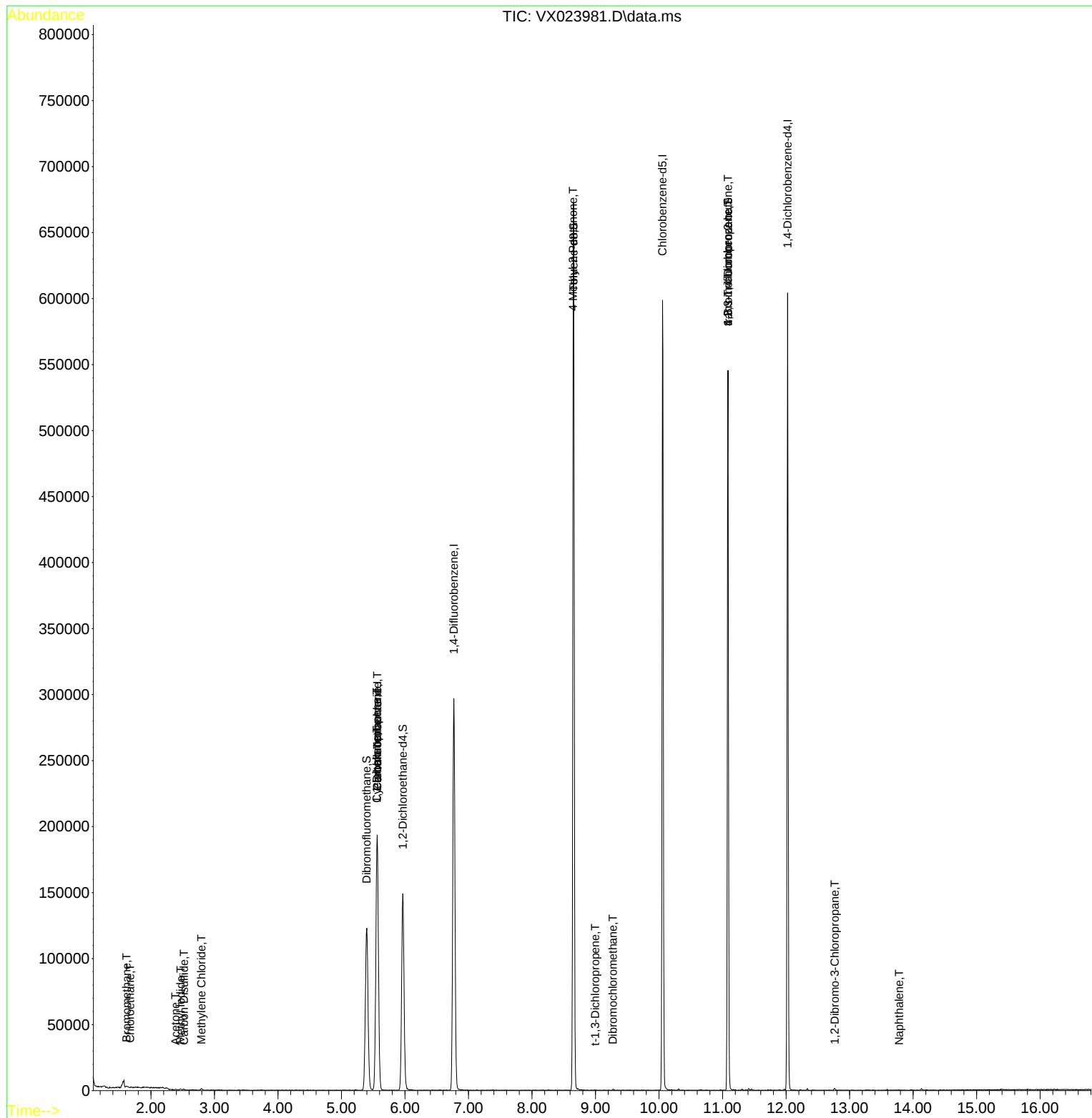
Internal Standards						
1) Pentafluorobenzene	5.562	168	175067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	292791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146509	59.962	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 119.920%#	
35) Dibromofluoromethane	5.397	113	106402	54.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.820%	
50) Toluene-d8	8.653	98	376945	51.106	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.220%	
62) 4-Bromofluorobenzene	11.085	95	134681	49.602	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.200%	
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	795	0.639	ug/l	98
6) Chloroethane	1.672	64	39	2.240	ug/l #	43
10) Methyl Iodide	2.465	142	994	0.406	ug/l #	81
16) Acetone	2.385	43	640	0.586	ug/l #	87
17) Carbon Disulfide	2.520	76	886	0.221	ug/l #	75
20) Methylene Chloride	2.794	84	468	0.224	ug/l #	75
31) Cyclohexane	5.556	56	4286	1.365	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	14138	5.214	ug/l #	50
38) Carbon Tetrachloride	5.562	117	19020	6.727	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1928	0.572	ug/l #	1
53) t-1,3-Dichloropropene	8.994	75	47	2.150	ug/l #	44
60) Dibromochloromethane	9.274	129	63	1.714	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	73468	27.383	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	73468	80.547	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	12.768	75	47	2.228	ug/l #	1
95) Naphthalene	13.780	128	338	1.322	ug/l #	69

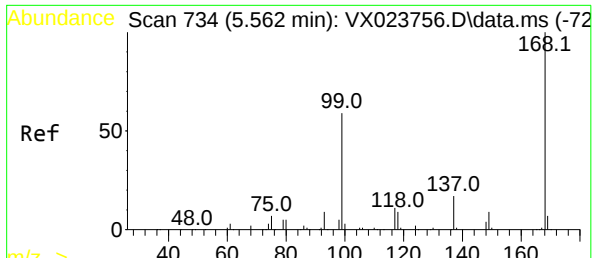
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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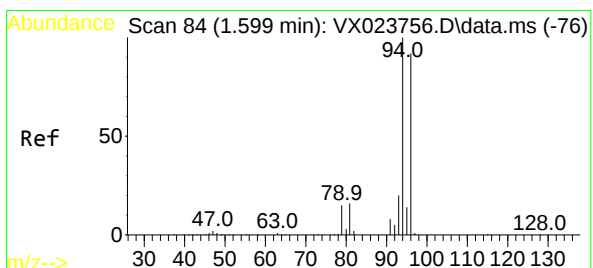
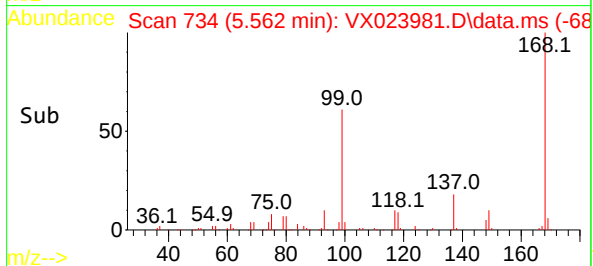
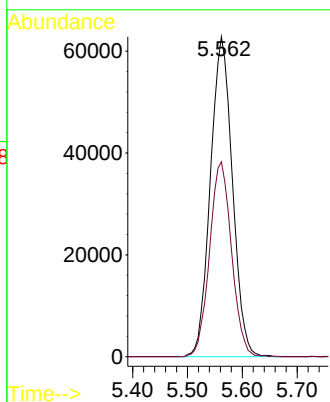
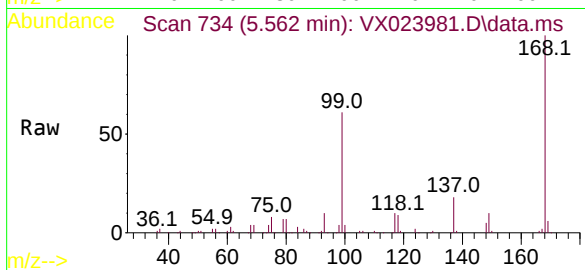




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

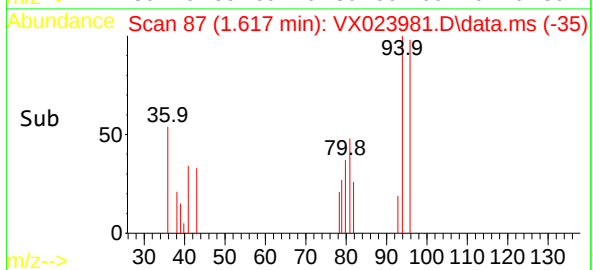
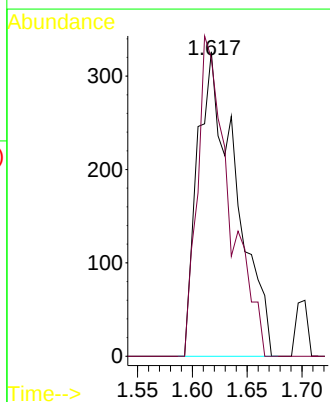
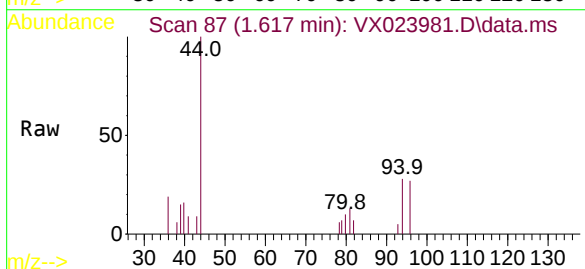
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01

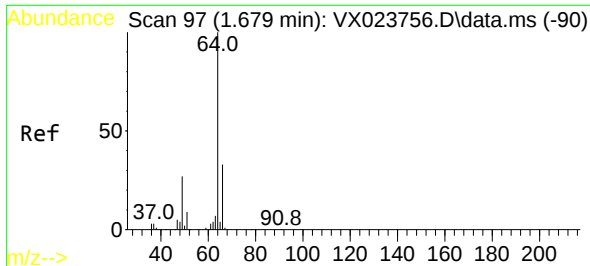
Tgt Ion:168 Resp: 175067
Ion Ratio Lower Upper
168 100
99 60.9 45.8 68.6



#5
Bromomethane
Concen: 0.639 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

Tgt Ion: 94 Resp: 795
Ion Ratio Lower Upper
94 100
96 97.9 76.4 114.6

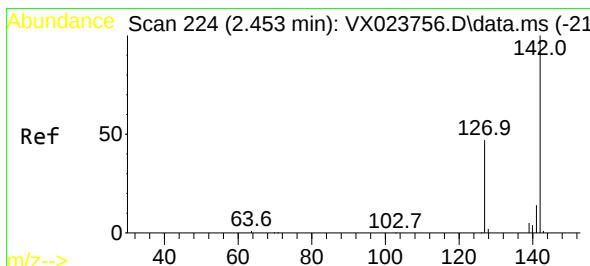
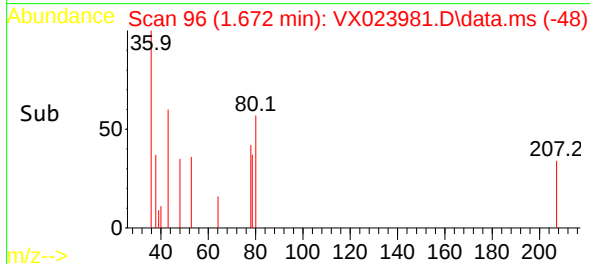
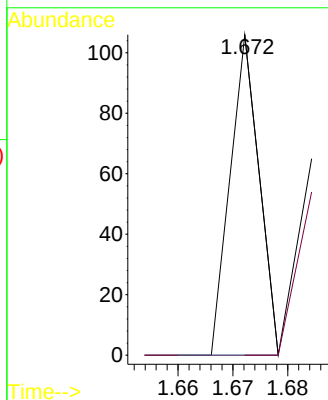
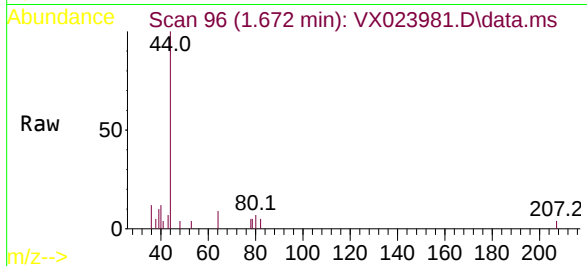




#6
Chloroethane
Concen: 2.240 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

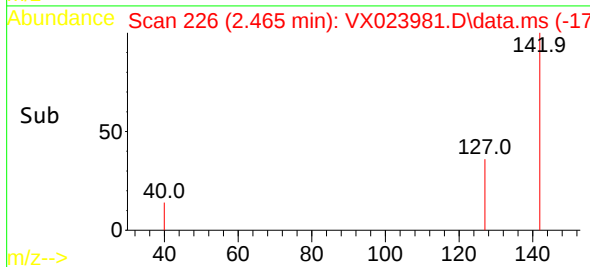
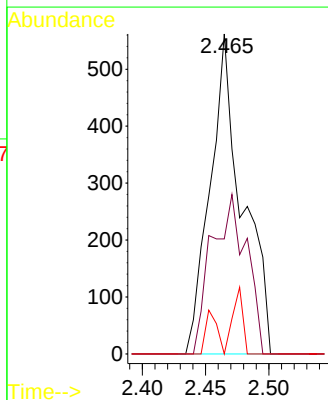
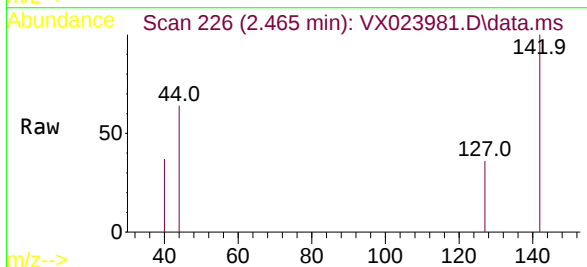
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01

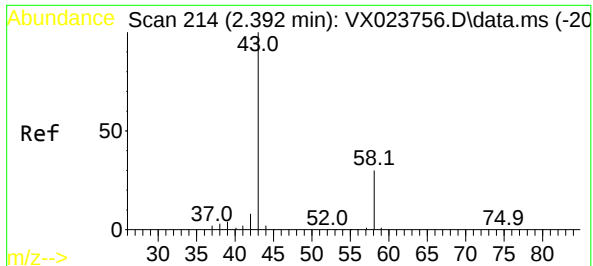
Tgt Ion: 64 Resp: 39
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.406 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

Tgt Ion: 142 Resp: 994
Ion Ratio Lower Upper
142 100
127 53.8 33.3 49.9#
141 6.5 11.4 17.0#

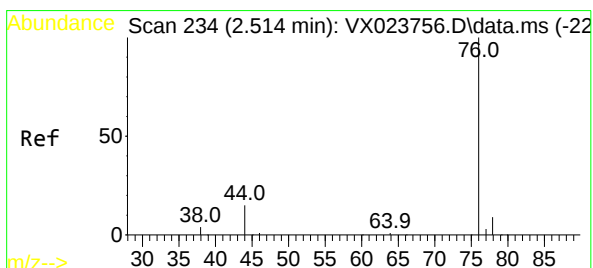
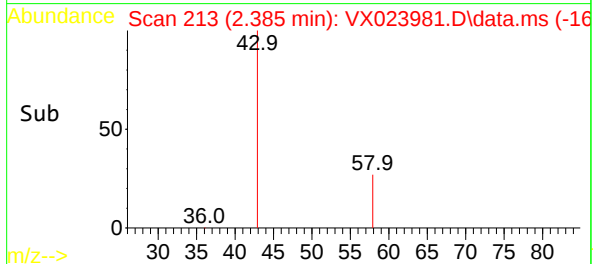
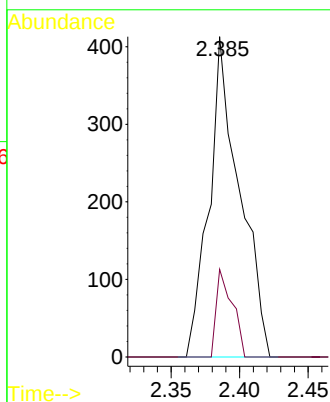
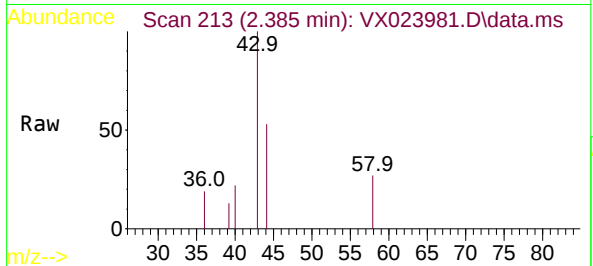




#16
Acetone
Concen: 0.586 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

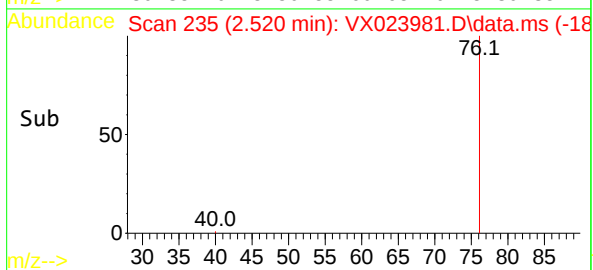
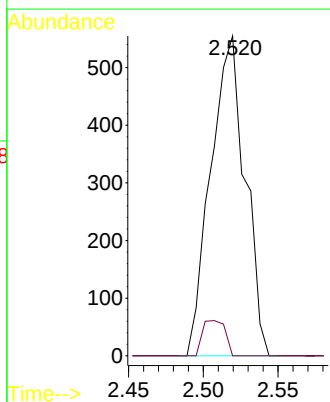
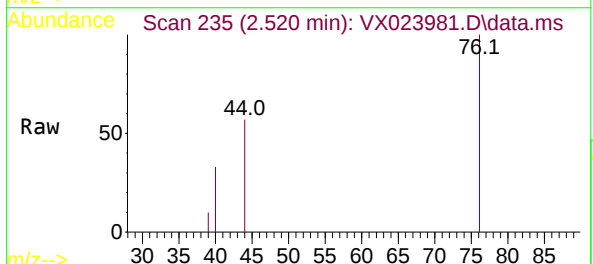
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01

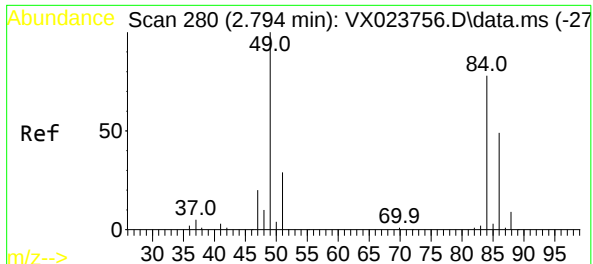
Tgt Ion: 43 Resp: 640
Ion Ratio Lower Upper
43 100
58 27.4 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.221 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

Tgt Ion: 76 Resp: 886
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.224 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX023981.D

Acq: 27 Aug 2021 10:05

Tgt Ion: 84 Resp: 468

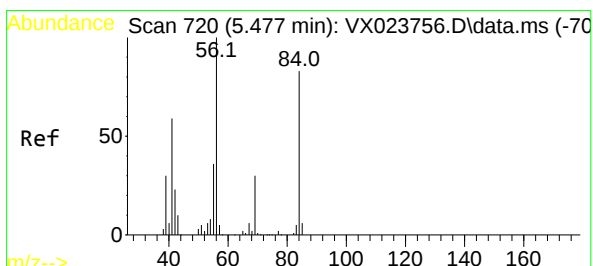
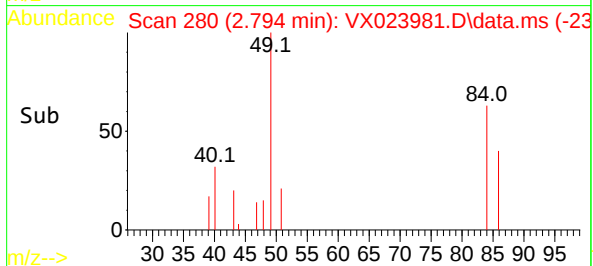
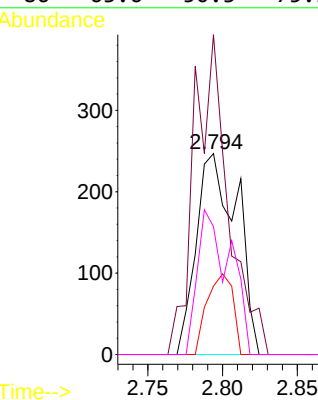
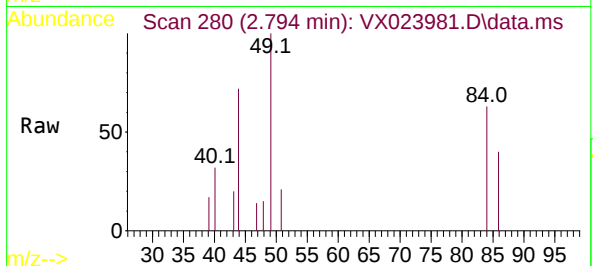
Ion Ratio Lower Upper

84 100

49 159.1 88.6 132.8#

51 34.0 27.0 40.6

86 63.6 50.3 75.5



#31

Cyclohexane

Concen: 1.365 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX023981.D

Acq: 27 Aug 2021 10:05

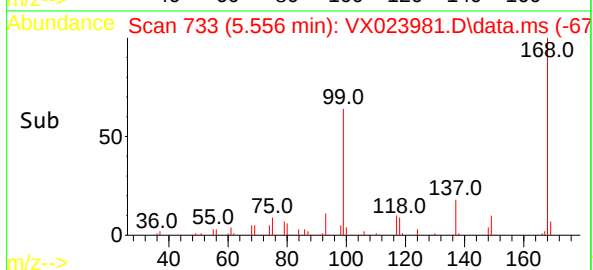
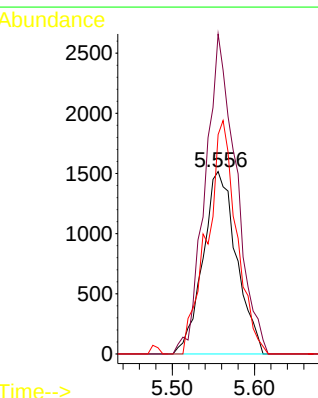
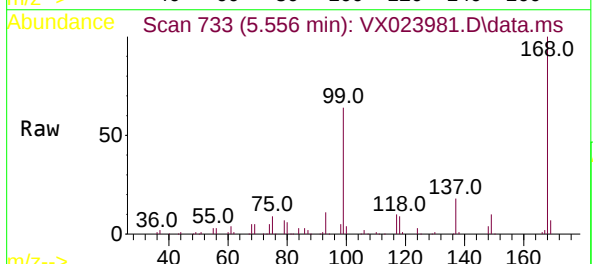
Tgt Ion: 56 Resp: 4286

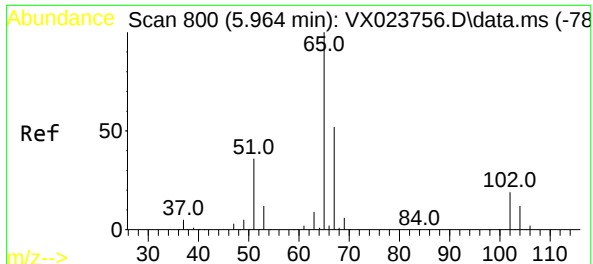
Ion Ratio Lower Upper

56 100

69 175.5 25.3 37.9#

84 120.3 71.4 107.0#



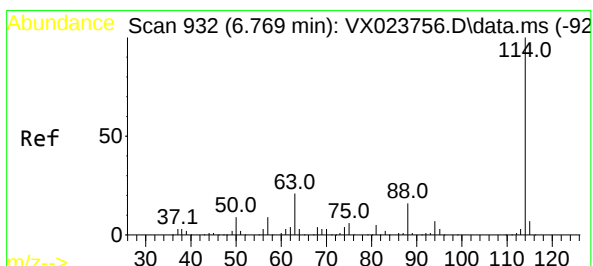
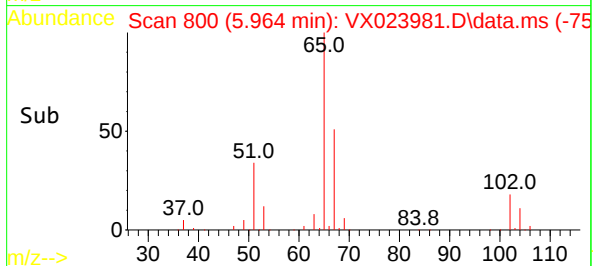
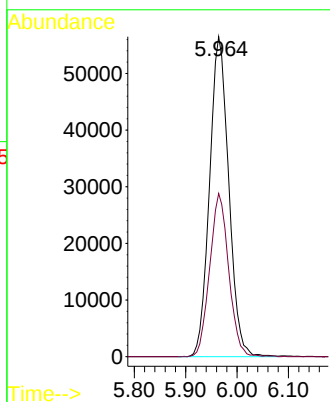
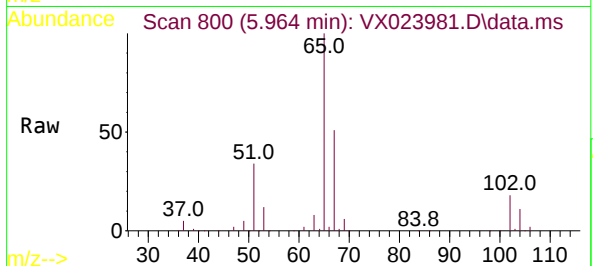


#33

1,2-Dichloroethane-d4
Concen: 59.962 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

Instrument :
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ClientSampleId :
VX0827MBL01

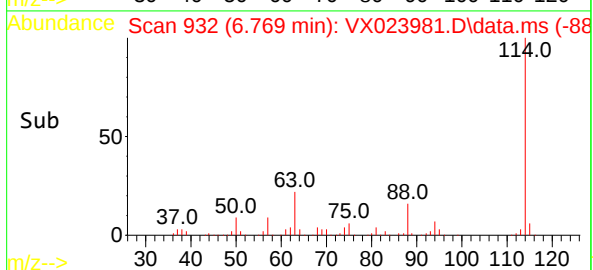
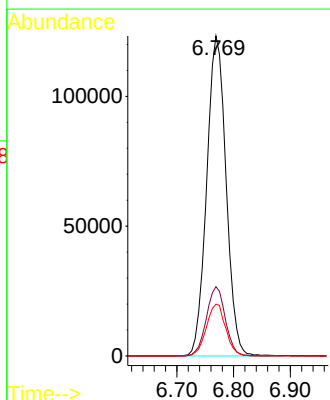
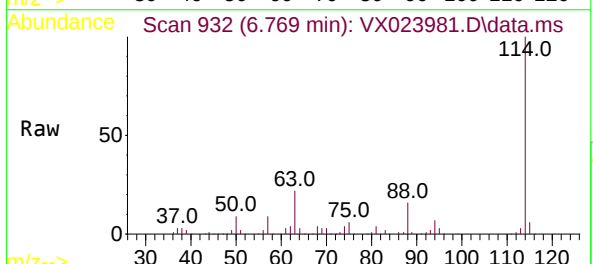
Tgt Ion: 65 Resp: 146509
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

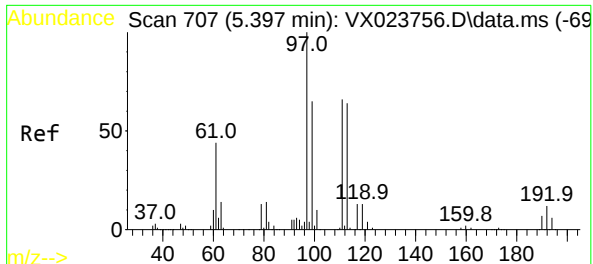


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

Tgt Ion: 114 Resp: 292791
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 16.2 0.0 32.8

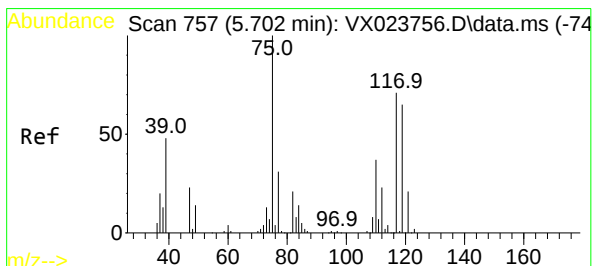
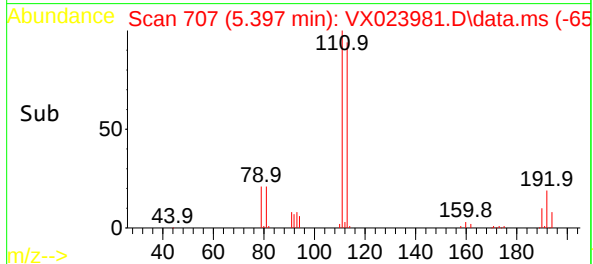
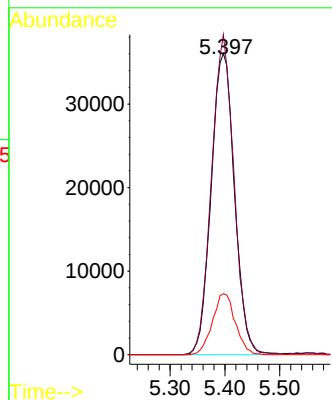
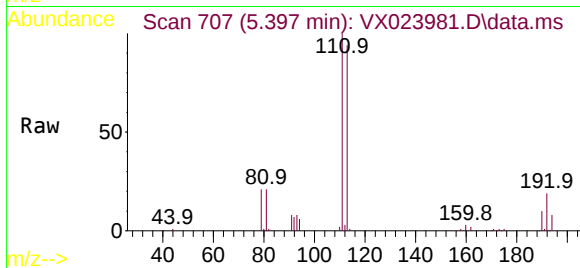




#35
Dibromofluoromethane
Concen: 54.906 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

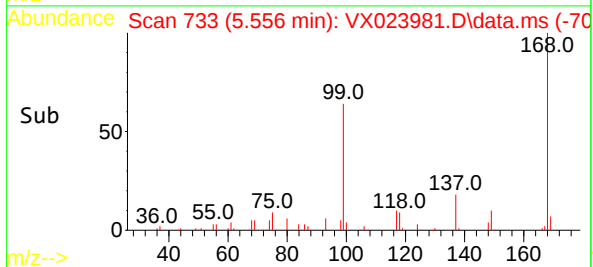
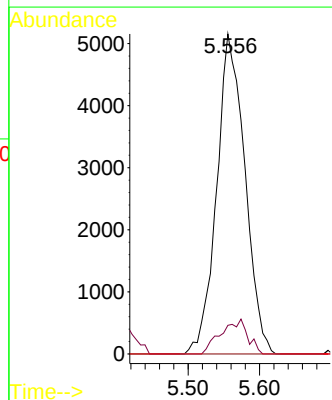
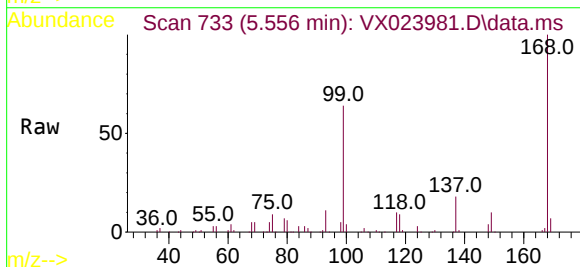
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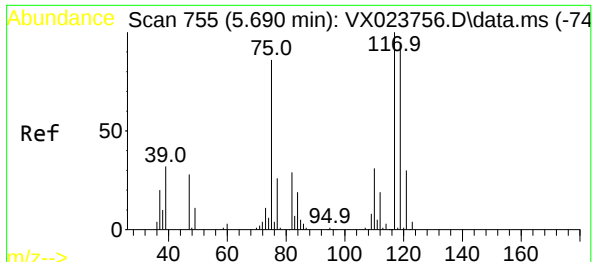
Tgt Ion:113 Resp: 106402
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.214 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

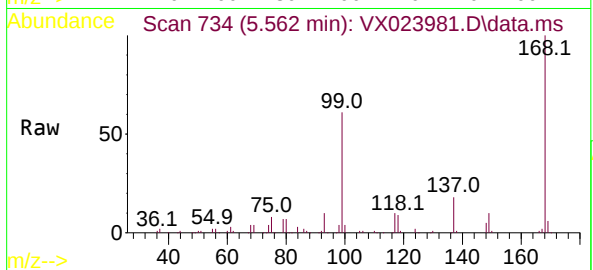
Tgt Ion: 75 Resp: 14138
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 0.0 25.3 37.9#



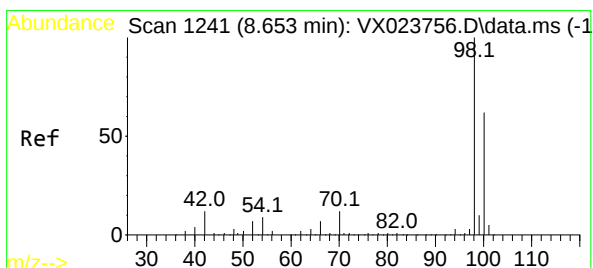
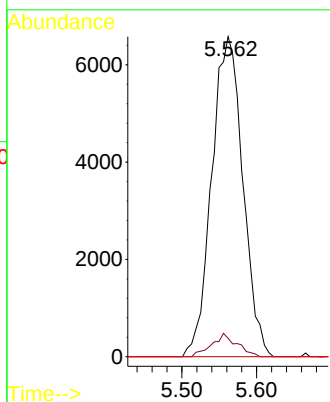
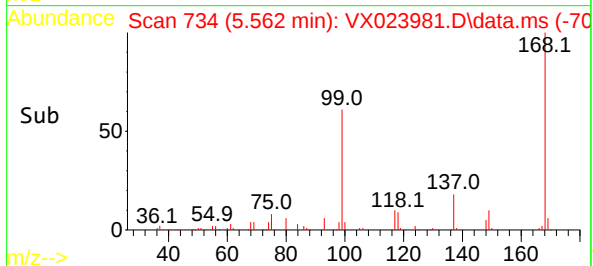


#38
Carbon Tetrachloride
Concen: 6.727 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

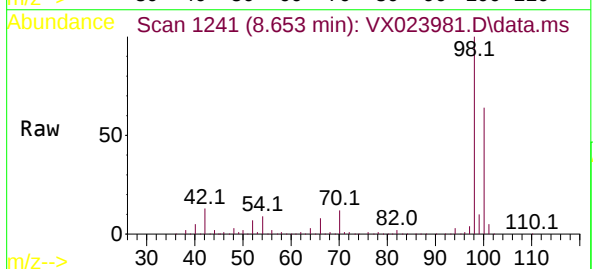
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01



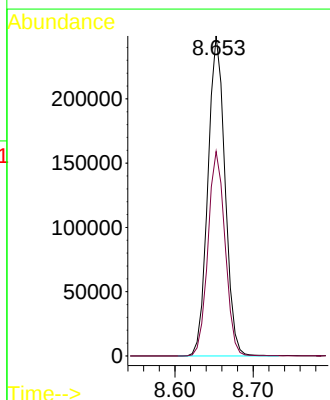
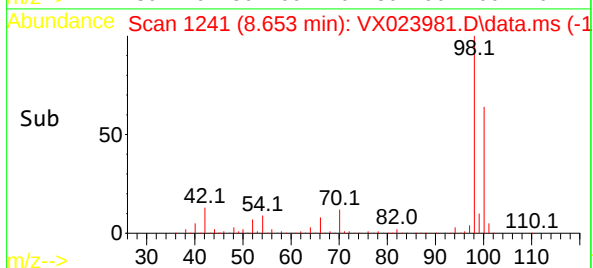
Tgt Ion:117 Resp: 19020
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

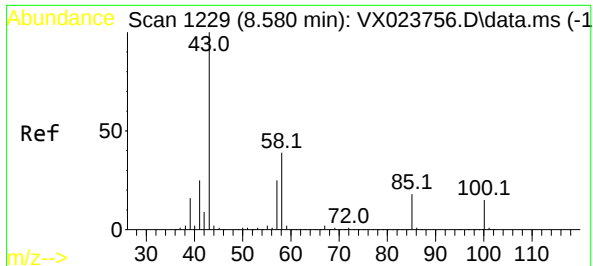


#50
Toluene-d8
Concen: 51.106 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05



Tgt Ion: 98 Resp: 376945
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

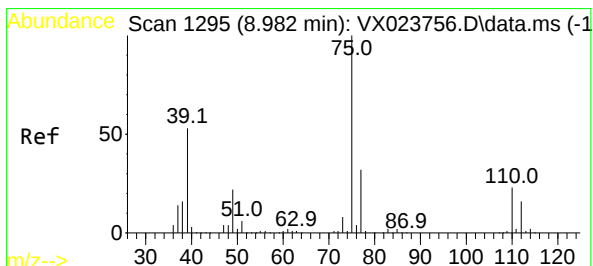
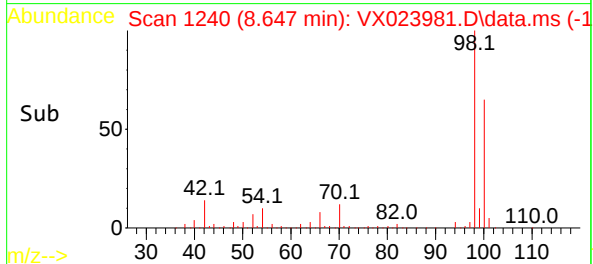
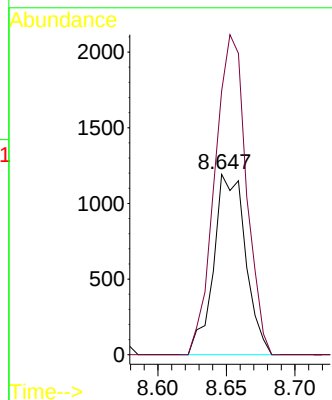
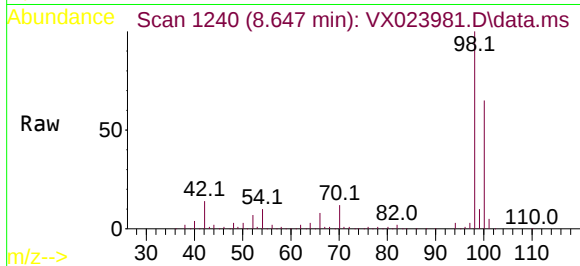




#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

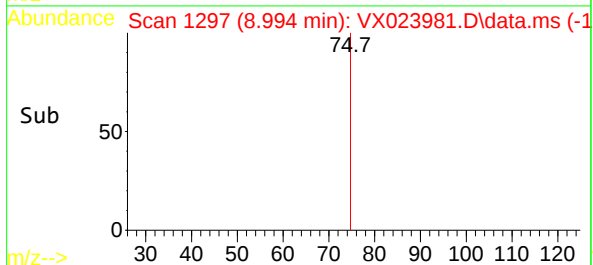
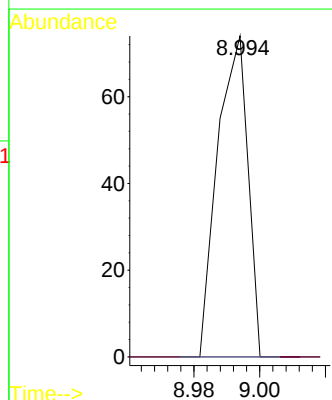
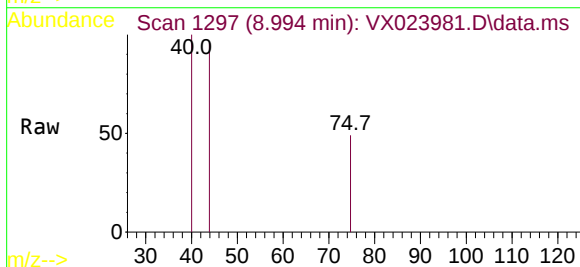
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01

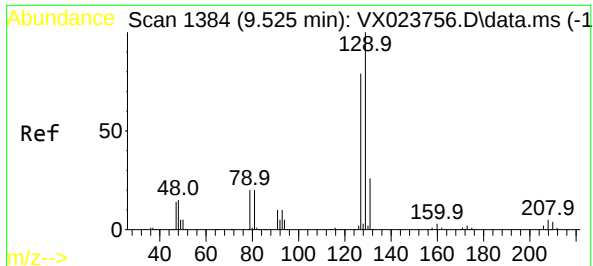
Tgt Ion: 43 Resp: 1928
Ion Ratio Lower Upper
43 100
58 176.0 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 2.150 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

Tgt Ion: 75 Resp: 47
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

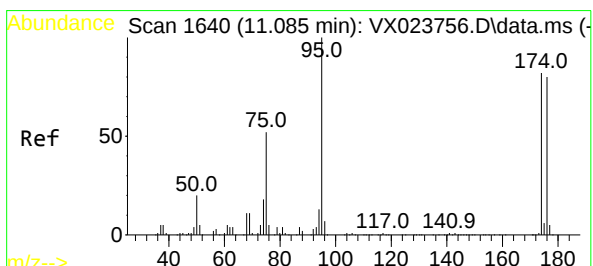
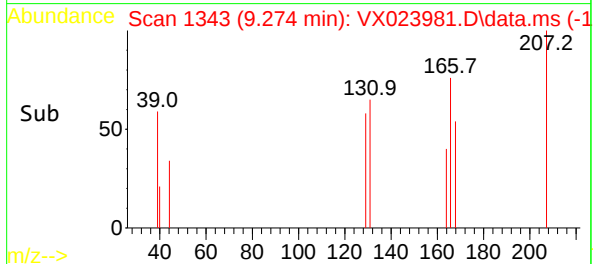
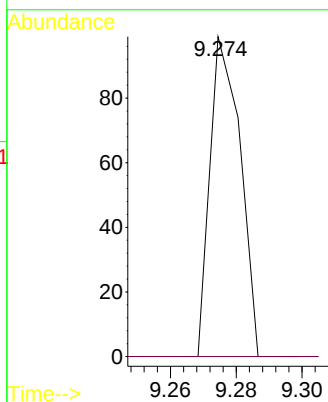
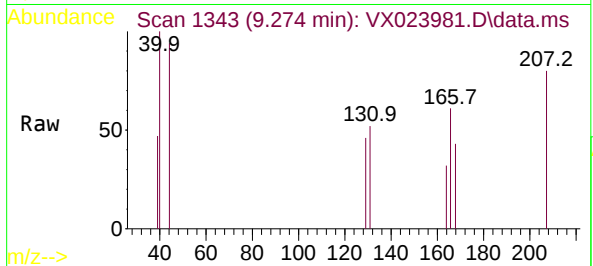




#60
Dibromochloromethane
Concen: 1.714 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.251 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

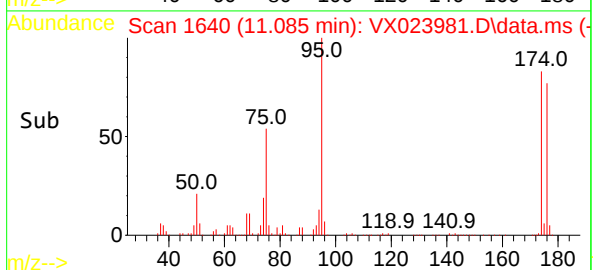
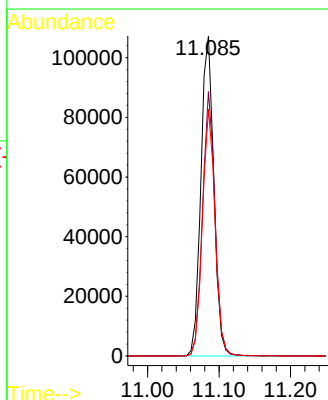
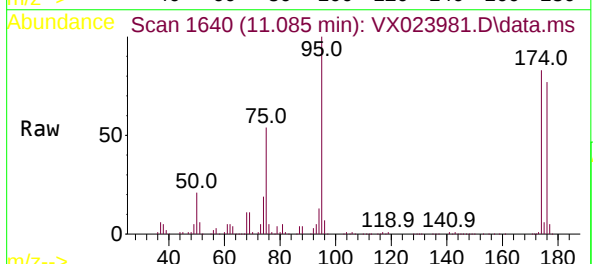
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01

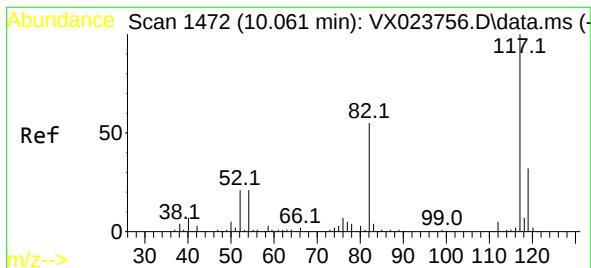
Tgt Ion:129 Resp: 63
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 49.602 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

Tgt Ion: 95 Resp: 134681
Ion Ratio Lower Upper
95 100
174 80.0 0.0 154.6
176 75.3 0.0 155.8

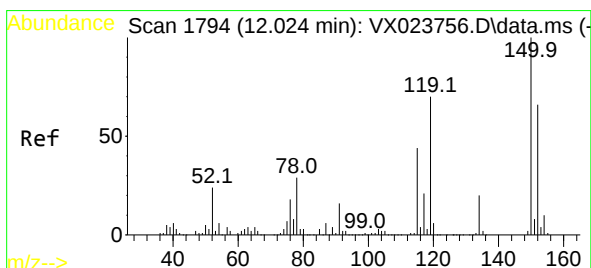
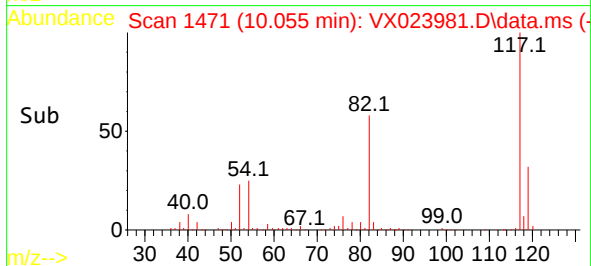
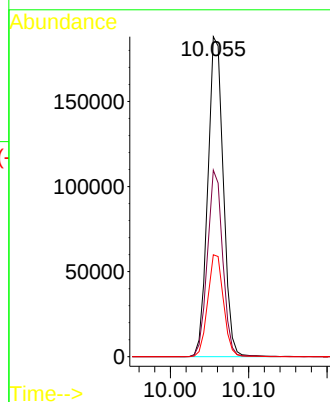
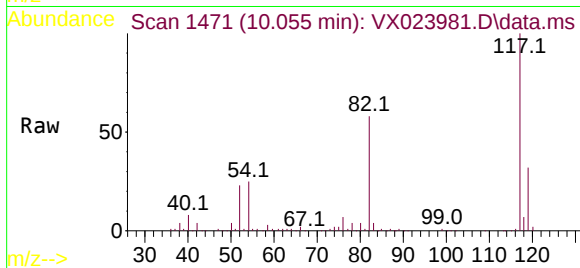




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

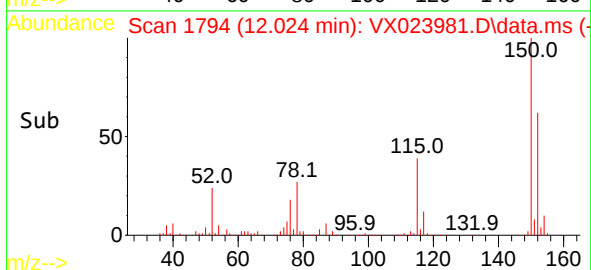
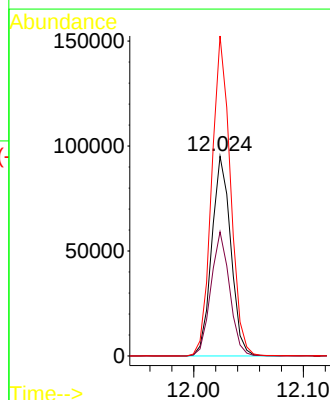
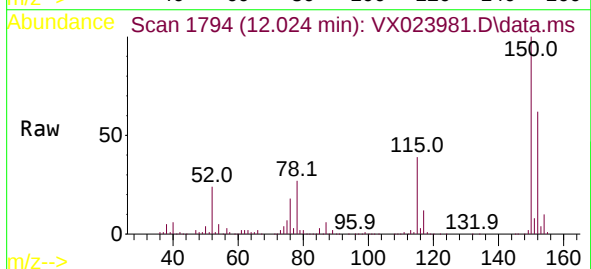
Instrument :
MSVOA_X
ClientSampled :
VX0827MBL01

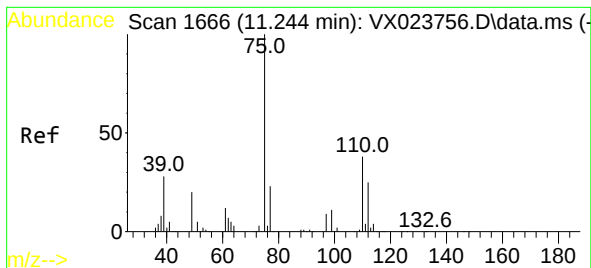
Tgt Ion:117 Resp: 258559
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

Tgt Ion:152 Resp: 115016
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 157.3 0.0 349.0

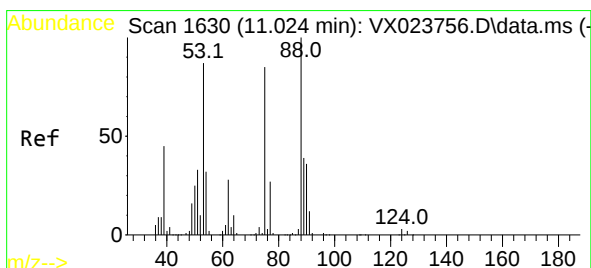
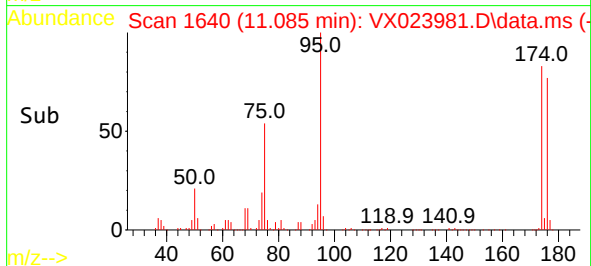
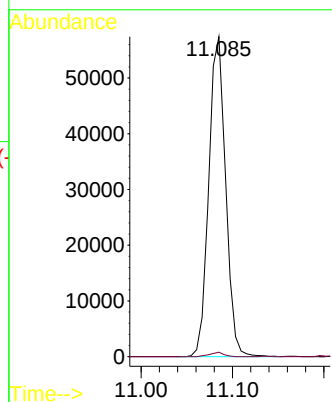
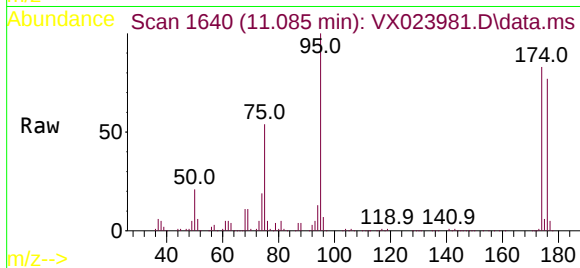




#76
1,2,3-Trichloropropane
Concen: 27.383 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

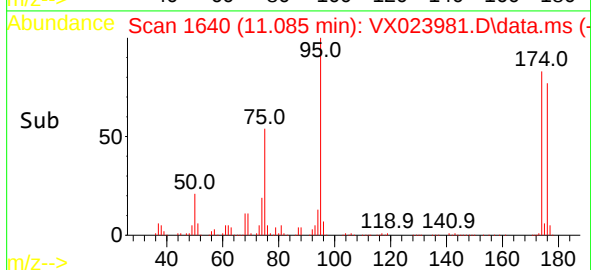
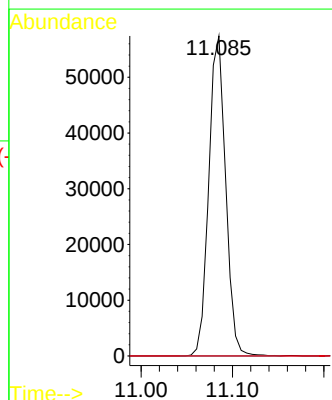
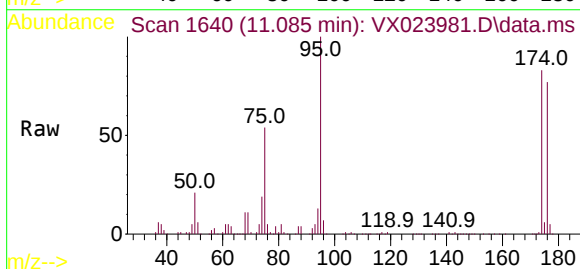
Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01

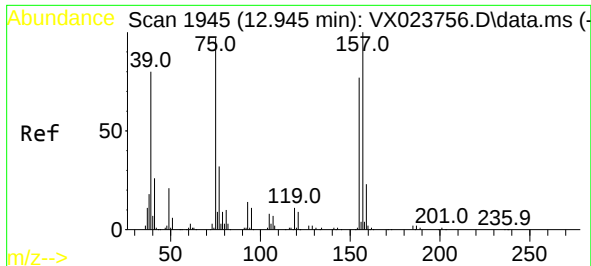
Tgt Ion: 75 Resp: 73468
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.547 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

Tgt Ion: 75 Resp: 73468
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

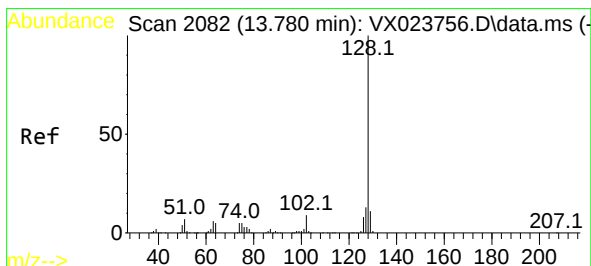
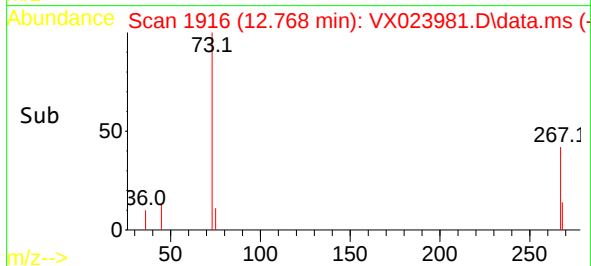
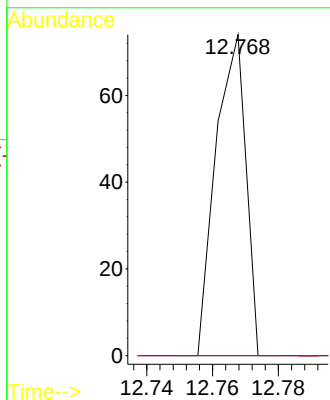
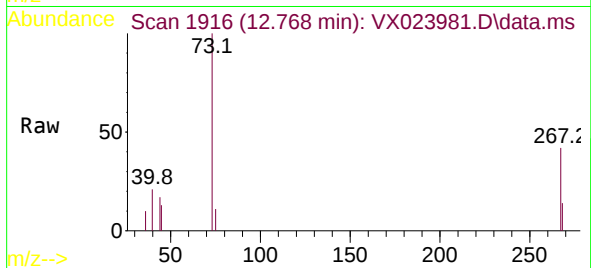




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.228 ug/l
RT: 12.768 min Scan# 1916
Delta R.T. -0.177 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

Instrument :
MSVOA_X
ClientSampleId :
VX0827MBL01

Tgt Ion: 75 Resp: 47
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#



#95
Naphthalene
Concen: 1.322 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023981.D
Acq: 27 Aug 2021 10:05

Tgt Ion: 128 Resp: 338
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

