

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070921\
 Data File : VX023227.D
 Acq On : 09 Jul 2021 17:36
 Operator : JC/MD
 Sample : M2772-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1

Quant Time: Jul 10 04:22:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	208941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	342894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	303794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122124	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143635	51.149	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.300%	
35) Dibromofluoromethane	5.397	113	107102	48.369	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.740%	
50) Toluene-d8	8.653	98	404716	48.999	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.000%	
62) 4-Bromofluorobenzene	11.085	95	142228	44.604	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.200%	

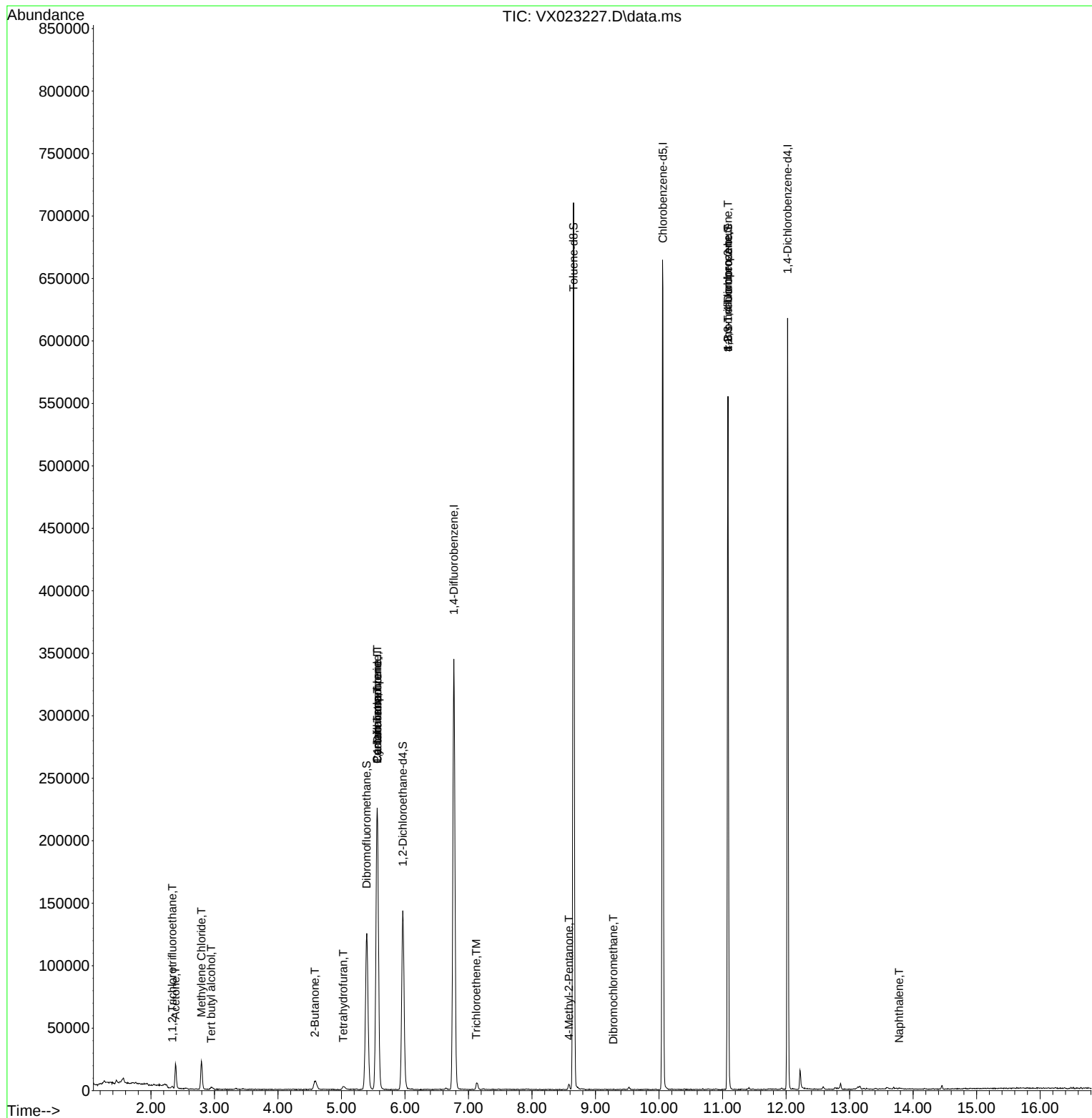
Target Compounds			Qvalue			
5) Bromomethane	1.587	94	98	Below Cal	#	43
9) 1,1,2-Trichlorotrifluo...	2.337	101	810	0.401	ug/l	99
11) Tert butyl alcohol	2.947	59	1225	2.074	ug/l #	79
16) Acetone	2.386	43	20361	18.327	ug/l	95
20) Methylene Chloride	2.794	84	9523	3.981	ug/l #	86
25) 2-Butanone	4.580	43	5477	3.269	ug/l #	87
29) Tetrahydrofuran	5.025	42	2418	2.245	ug/l #	85
31) Cyclohexane	5.562	56	4612	1.372	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	16939	5.541	ug/l #	49
38) Carbon Tetrachloride	5.562	117	21818	6.838	ug/l #	16
44) Trichloroethene	7.123	130	2264	0.899	ug/l	74
51) 4-Methyl-2-Pentanone	8.580	43	2868	0.834	ug/l #	83
60) Dibromochloromethane	9.281	129	48	3.129	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	73934	30.084	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	73934	80.764	ug/l #	12
95) Naphthalene	13.780	128	385	1.317	ug/l #	76

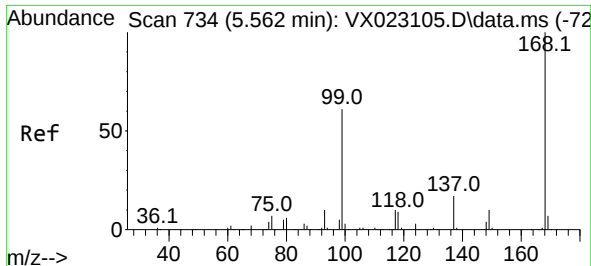
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-1

Quant Time: Jul 10 04:22:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

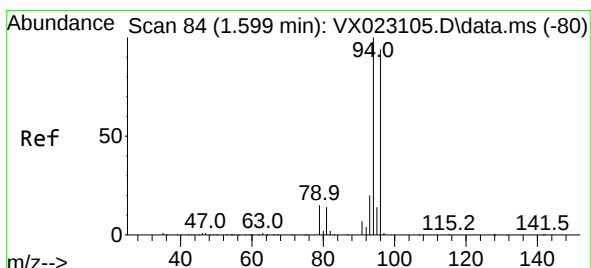
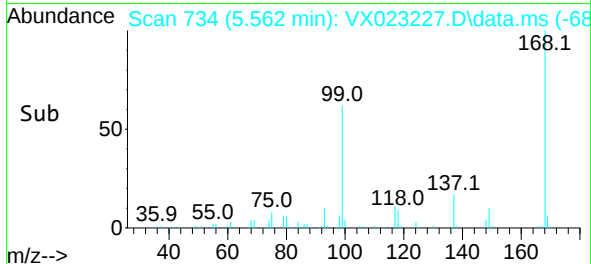
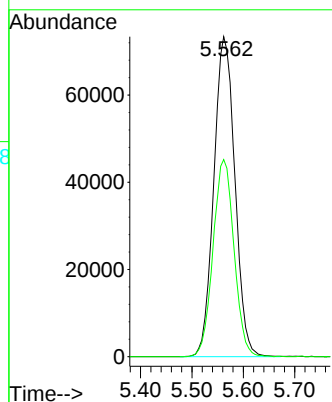
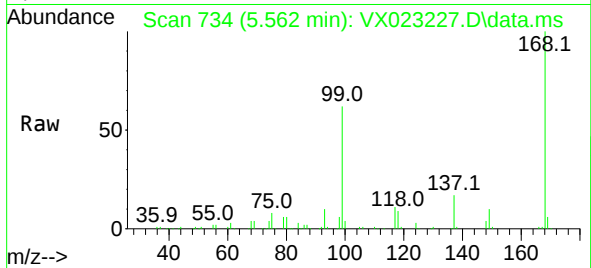




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

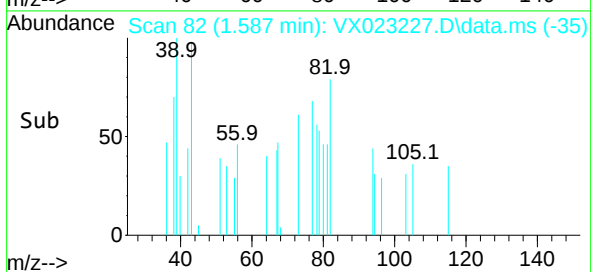
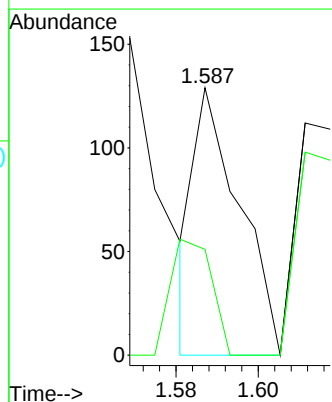
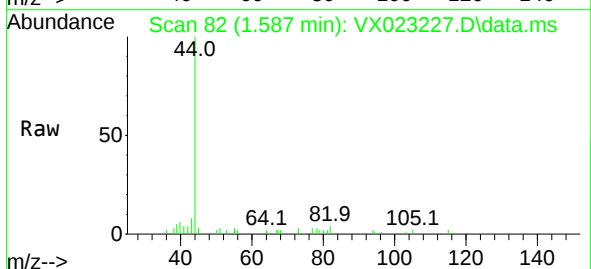
Instrument :
MSVOA_X
ClientSampled :
SB-1

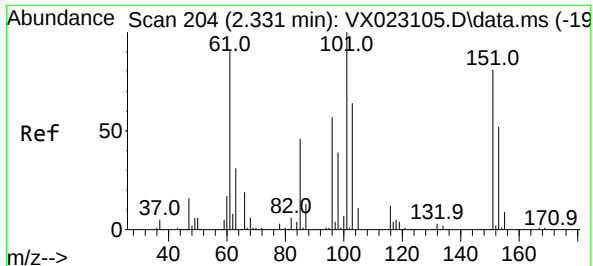
Tgt Ion:168 Resp: 208941
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 82
Delta R.T. -0.012 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

Tgt Ion: 94 Resp: 98
Ion Ratio Lower Upper
94 100
96 39.5 76.4 114.6#

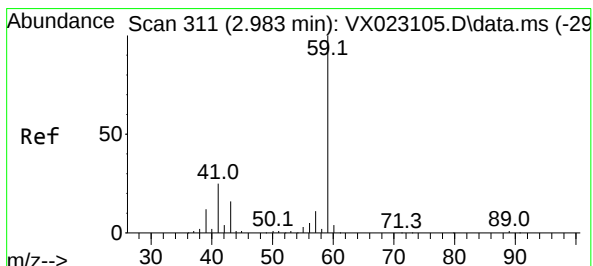
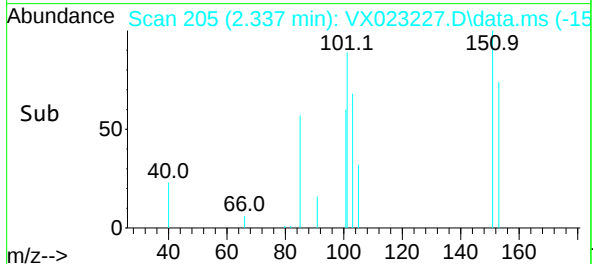
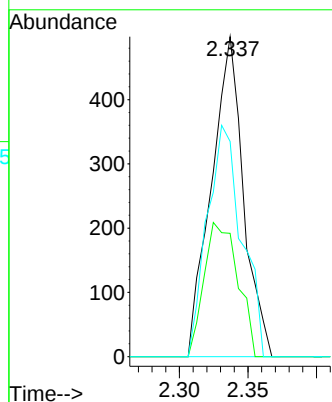
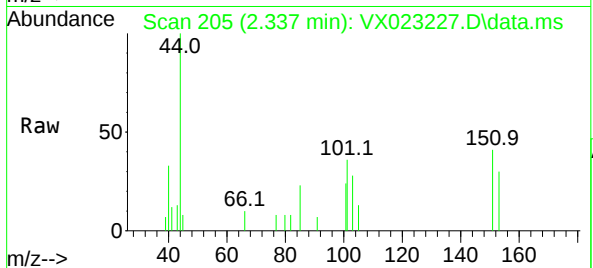




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.401 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

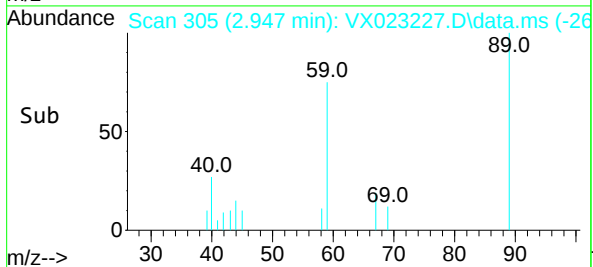
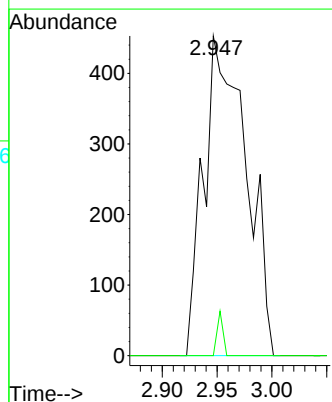
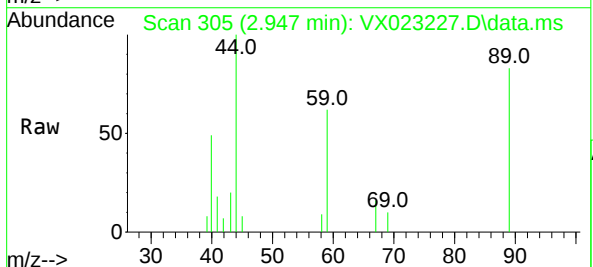
Instrument :
MSVOA_X
ClientSampled :
SB-1

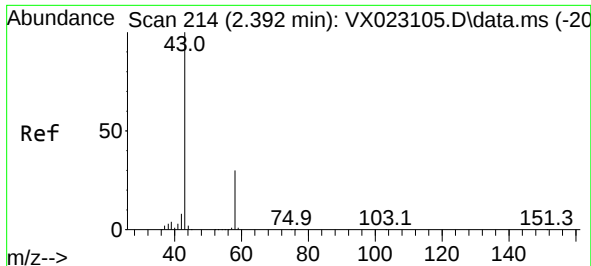
Tgt Ion:101 Resp: 810
Ion Ratio Lower Upper
101 100
85 44.1 34.9 52.3
151 77.9 61.4 92.2



#11
Tert butyl alcohol
Concen: 2.074 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

Tgt Ion: 59 Resp: 1225
Ion Ratio Lower Upper
59 100
57 1.9 7.8 11.8#

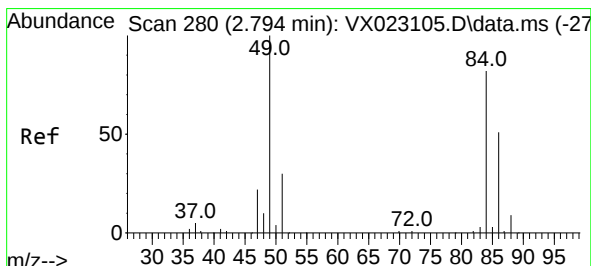
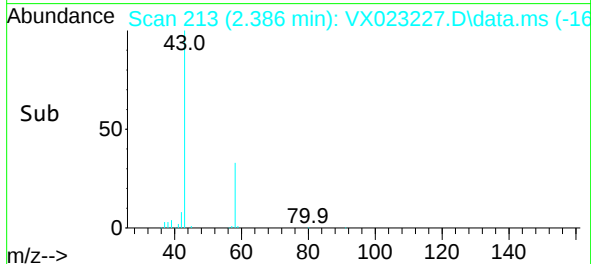
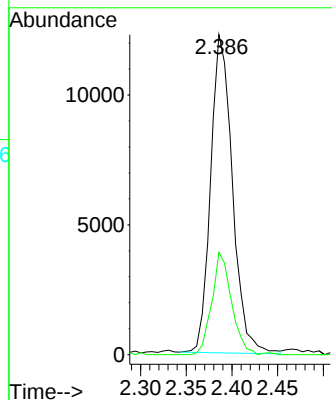
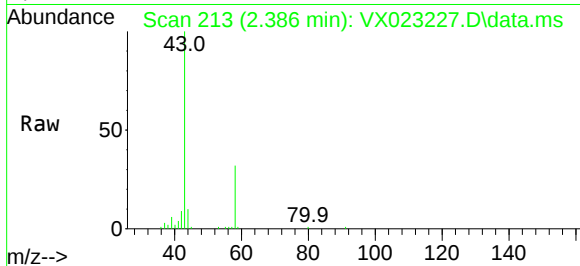




#16
Acetone
Concen: 18.327 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

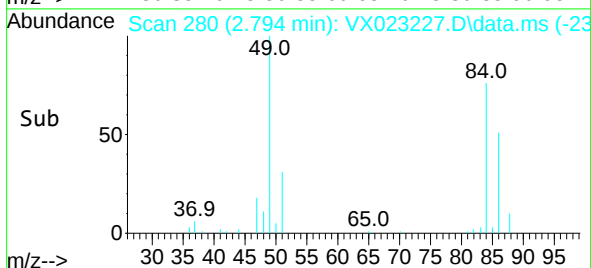
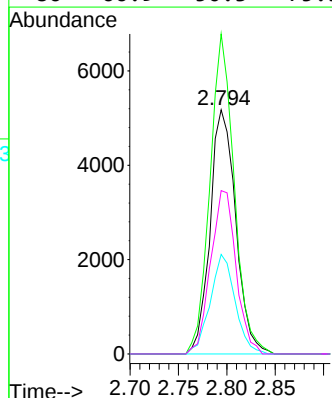
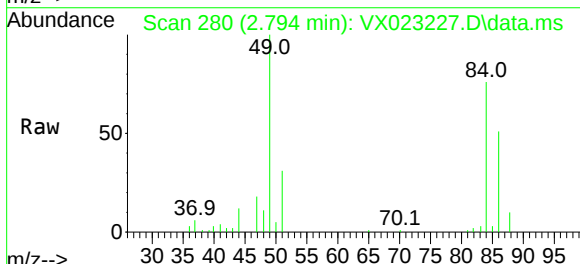
Instrument :
MSVOA_X
ClientSampled :
SB-1

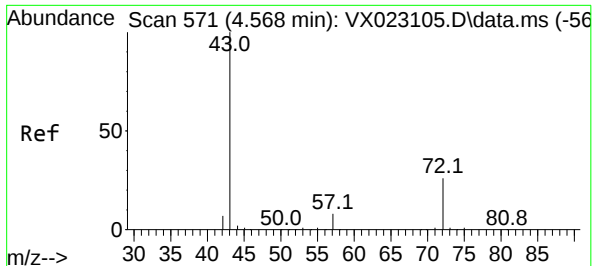
Tgt Ion: 43 Resp: 20361
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8



#20
Methylene Chloride
Concen: 3.981 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

Tgt Ion: 84 Resp: 9523
Ion Ratio Lower Upper
84 100
49 131.1 88.6 132.8
51 40.7 27.0 40.6#
86 66.9 50.3 75.5

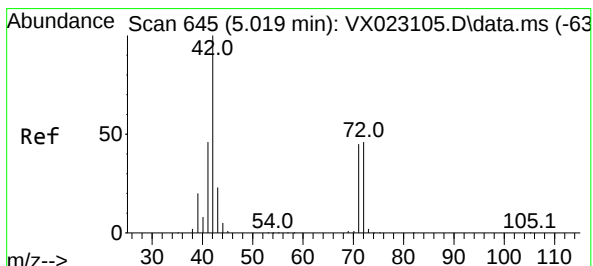
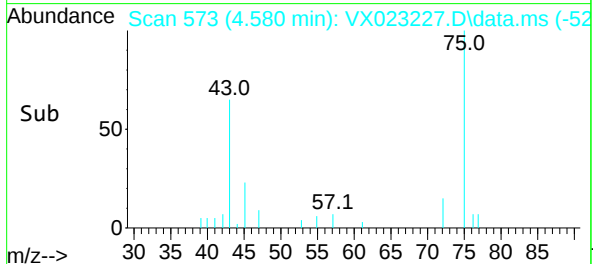
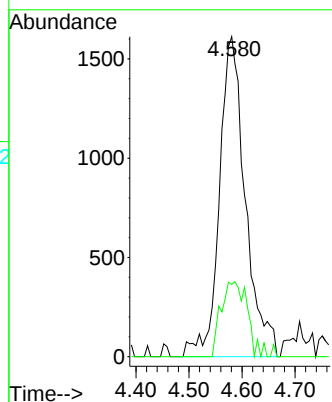
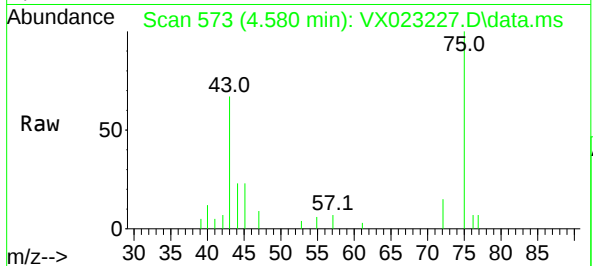




#25
2-Butanone
Concen: 3.269 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

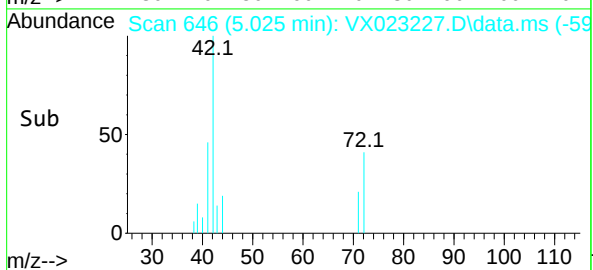
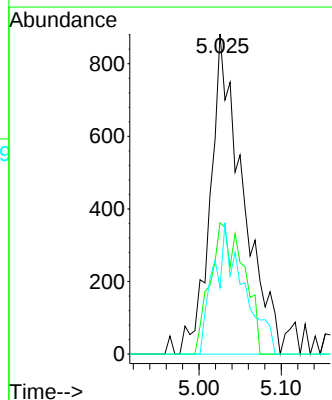
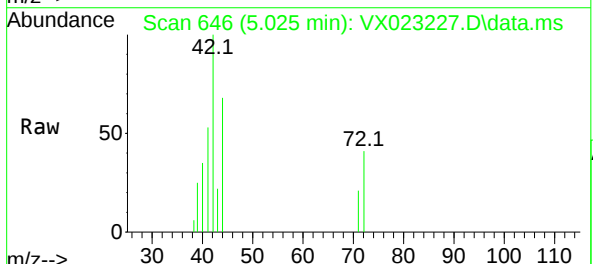
Instrument :
MSVOA_X
ClientSampled :
SB-1

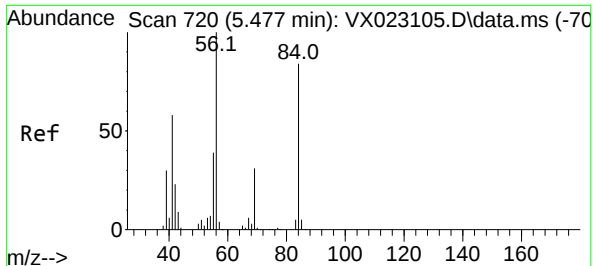
Tgt Ion: 43 Resp: 5477
Ion Ratio Lower Upper
43 100
72 22.6 23.7 35.5#



#29
Tetrahydrofuran
Concen: 2.245 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.006 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

Tgt Ion: 42 Resp: 2418
Ion Ratio Lower Upper
42 100
72 42.2 41.7 62.5
71 37.8 38.4 57.6#

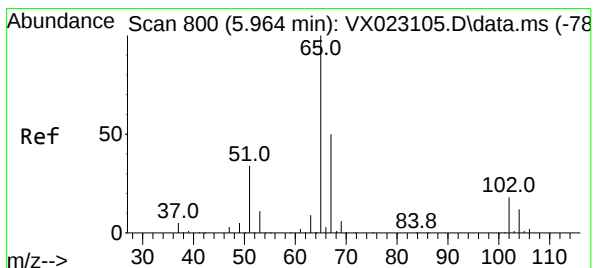
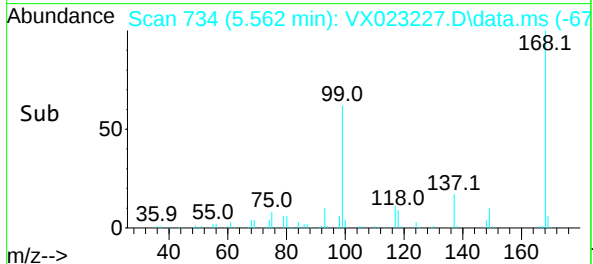
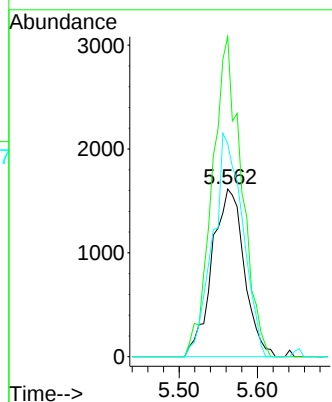
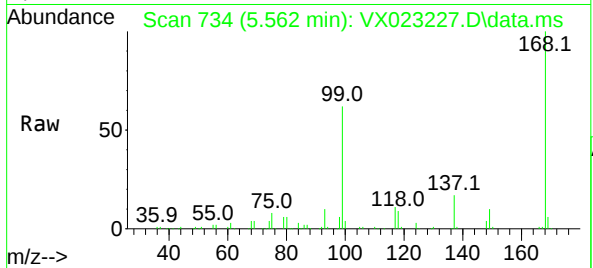




#31
Cyclohexane
Concen: 1.372 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

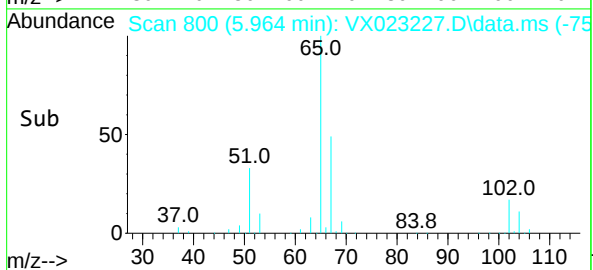
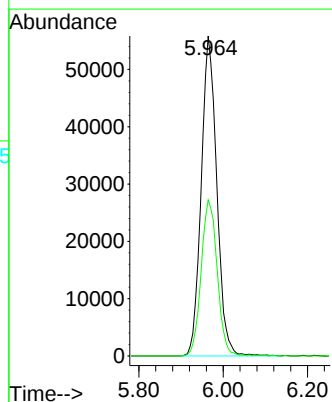
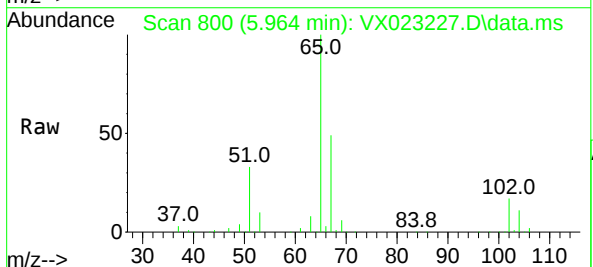
Instrument :
MSVOA_X
ClientSampled :
SB-1

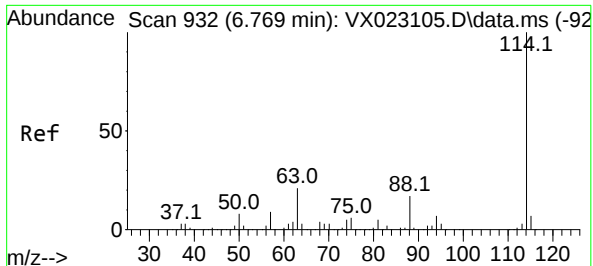
Tgt Ion: 56 Resp: 4612
Ion Ratio Lower Upper
56 100
69 190.8 25.3 37.9#
84 127.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.149 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

Tgt Ion: 65 Resp: 143635
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: VX023227.D

Acq: 09 Jul 2021 17:36

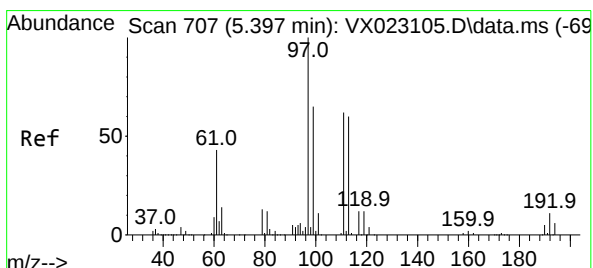
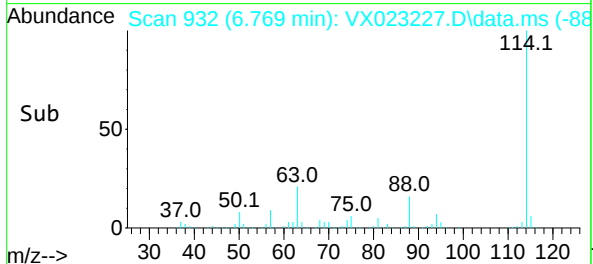
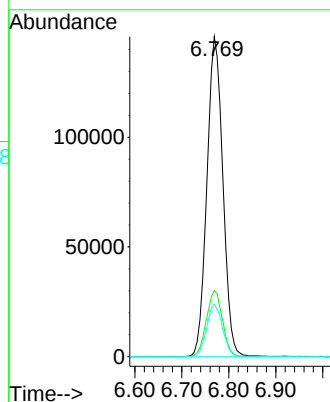
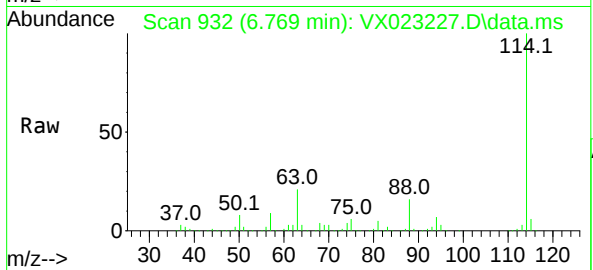
Tgt Ion:114 Resp: 342894

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 16.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.369 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023227.D

Acq: 09 Jul 2021 17:36

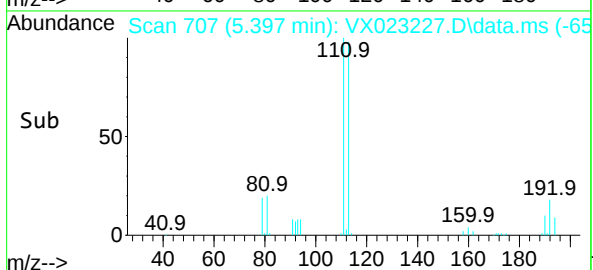
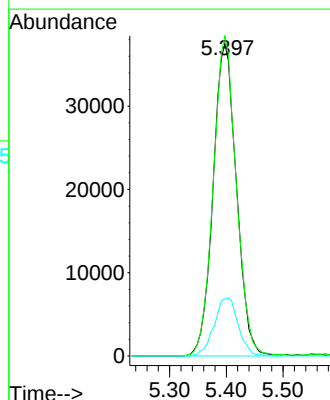
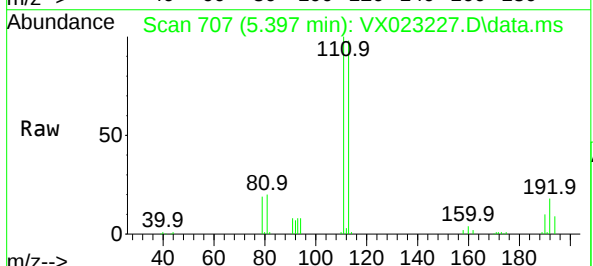
Tgt Ion:113 Resp: 107102

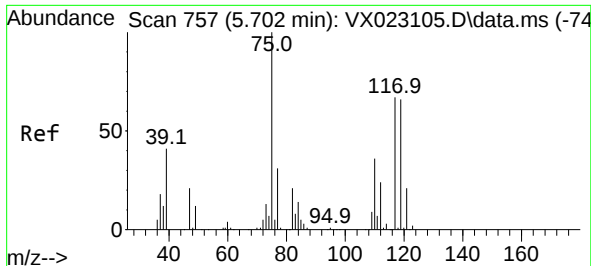
Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

192 19.3 16.7 25.1

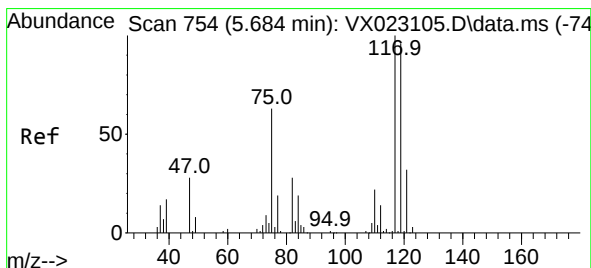
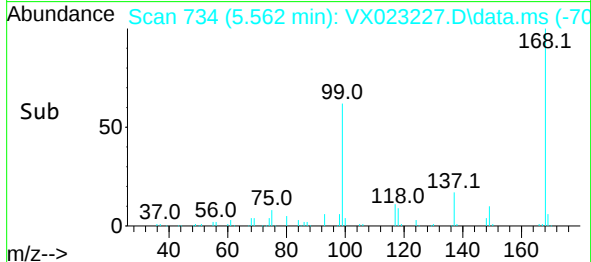
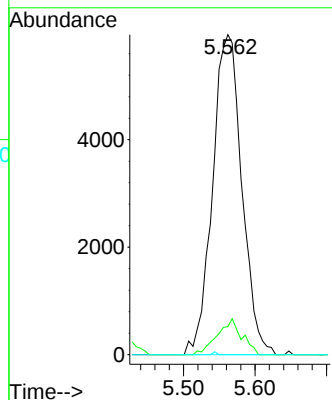
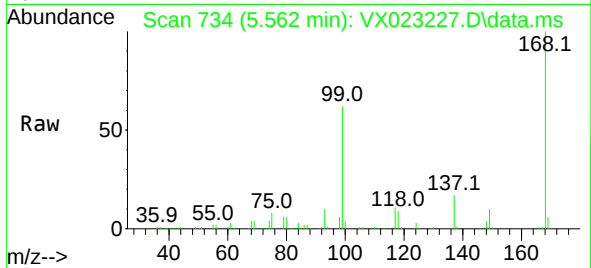




#36
1,1-Dichloropropene
Concen: 5.541 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

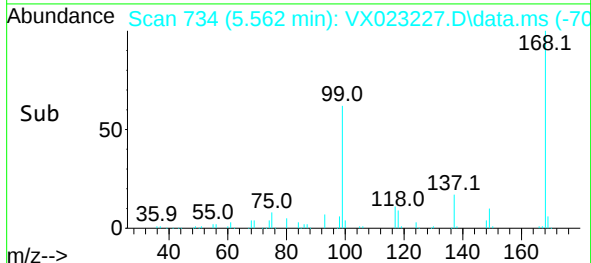
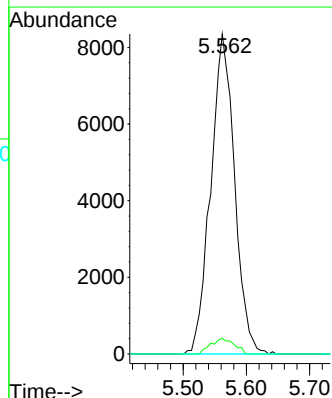
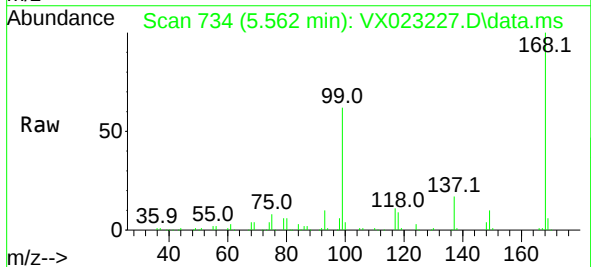
Instrument :
MSVOA_X
ClientSampled :
SB-1

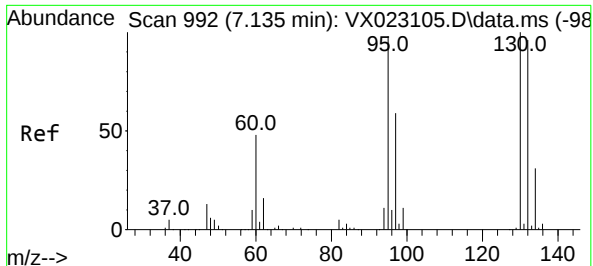
Tgt Ion: 75 Resp: 16939
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.838 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

Tgt Ion: 117 Resp: 21818
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

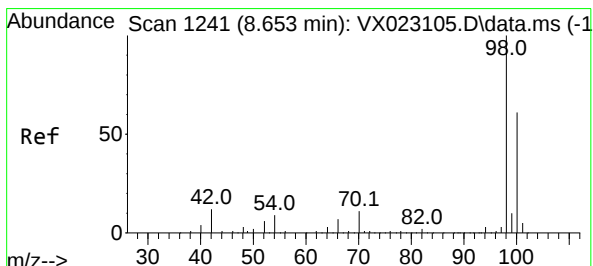
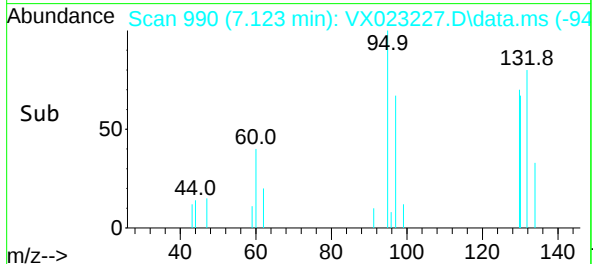
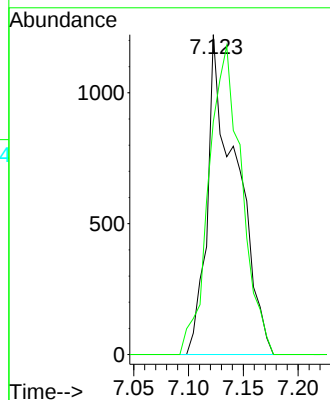
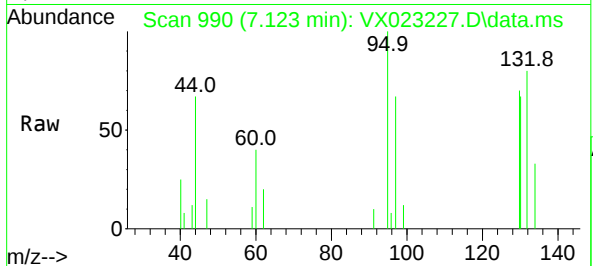




#44
Trichloroethene
Concen: 0.899 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.012 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

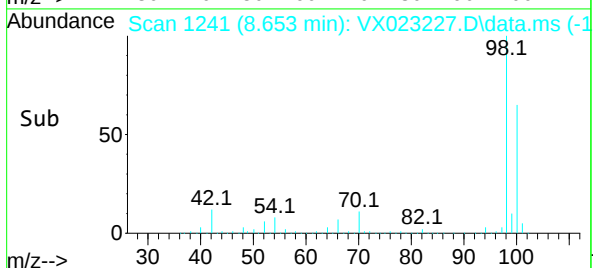
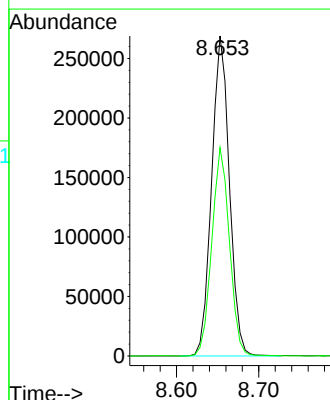
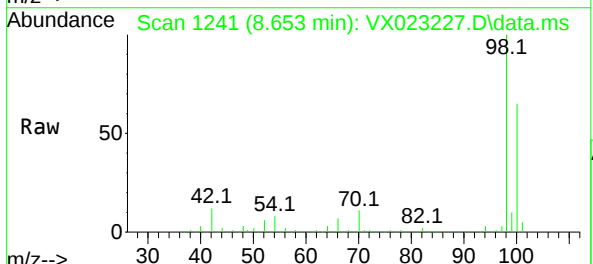
Instrument :
MSVOA_X
ClientSampled :
SB-1

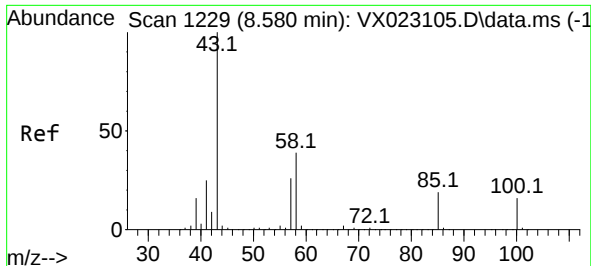
Tgt Ion:130 Resp: 2264
Ion Ratio Lower Upper
130 100
95 72.8 0.0 198.0



#50
Toluene-d8
Concen: 48.999 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

Tgt Ion: 98 Resp: 404716
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9

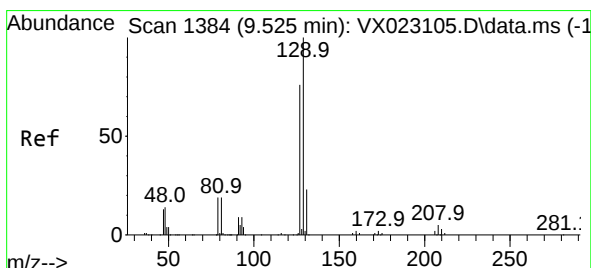
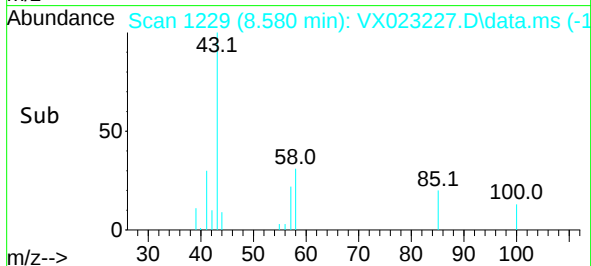
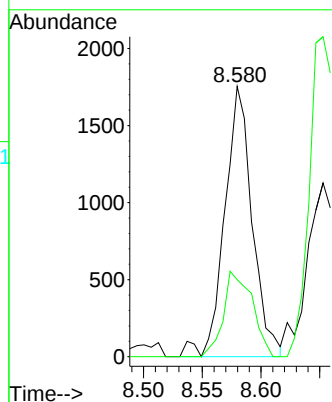
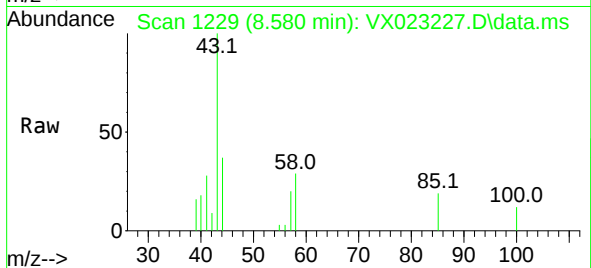




#51
4-Methyl-2-Pentanone
Concen: 0.834 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

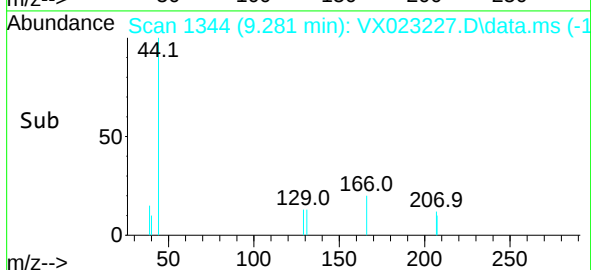
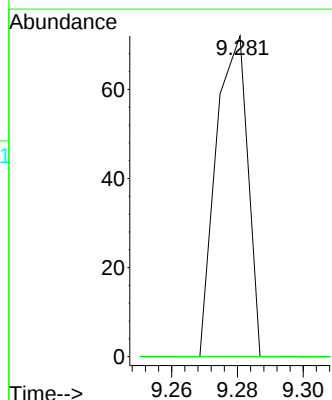
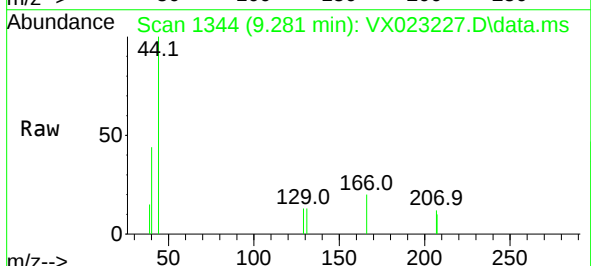
Instrument :
MSVOA_X
ClientSampled :
SB-1

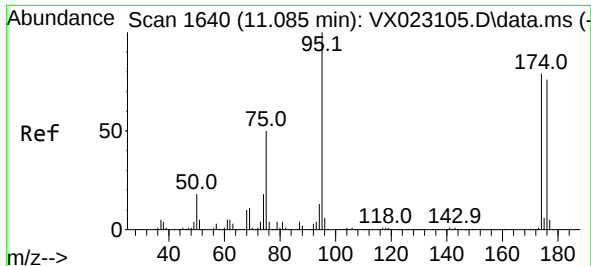
Tgt Ion: 43 Resp: 2868
Ion Ratio Lower Upper
43 100
58 33.0 35.4 53.0#



#60
Dibromochloromethane
Concen: 3.129 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

Tgt Ion: 129 Resp: 48
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

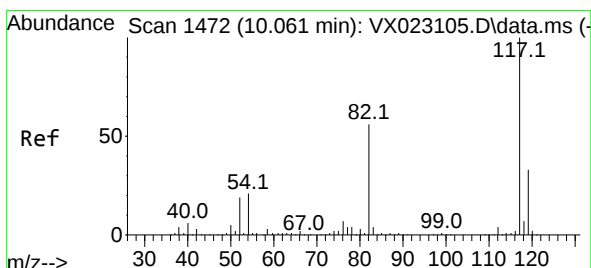
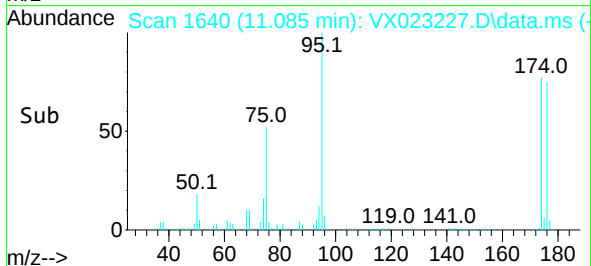
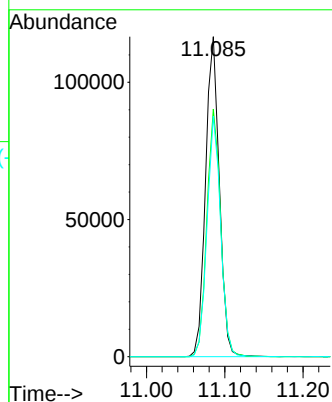
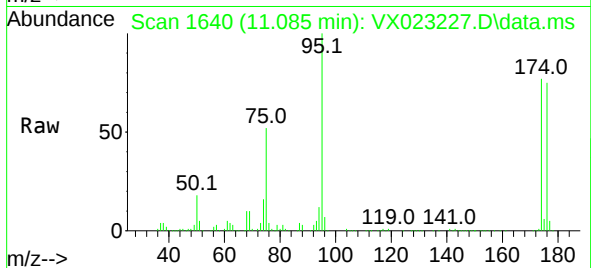




#62
4-Bromofluorobenzene
Concen: 44.604 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

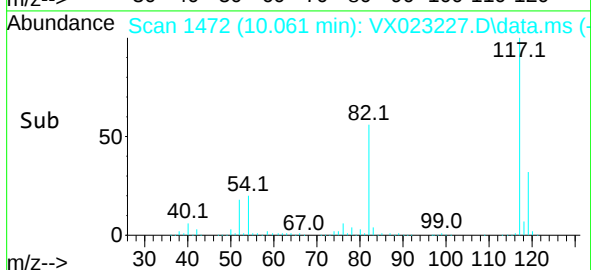
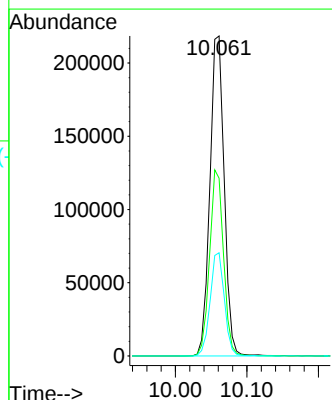
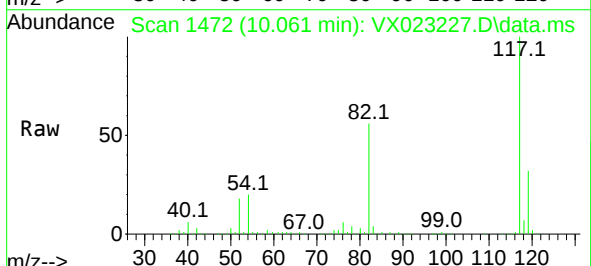
Instrument :
MSVOA_X
ClientSampled :
SB-1

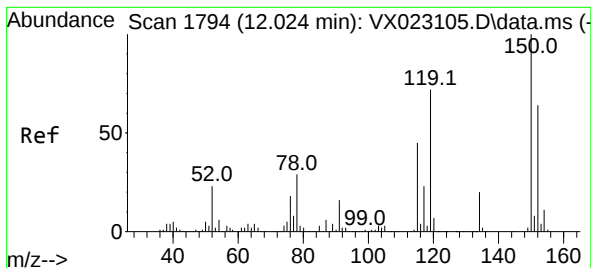
Tgt Ion: 95 Resp: 142228
Ion Ratio Lower Upper
95 100
174 77.5 0.0 154.6
176 74.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

Tgt Ion: 117 Resp: 303794
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 32.2 26.6 39.8

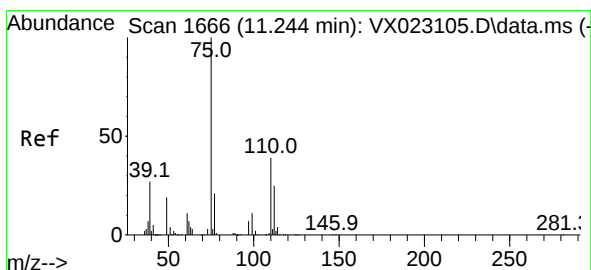
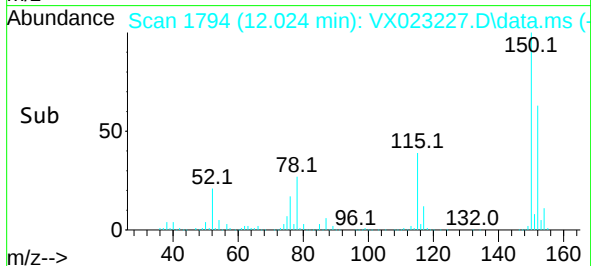
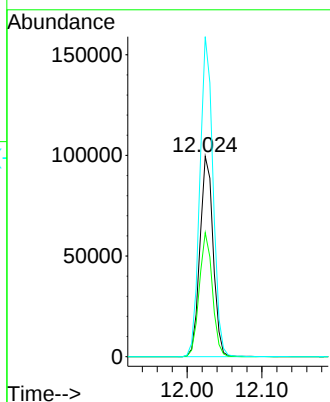
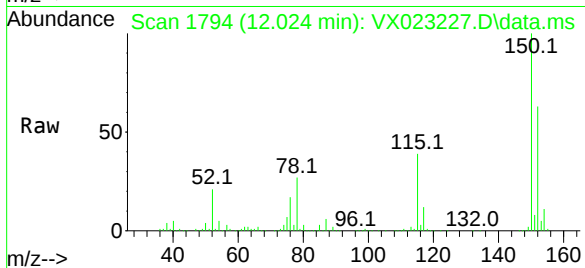




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023227.D
 Acq: 09 Jul 2021 17:36

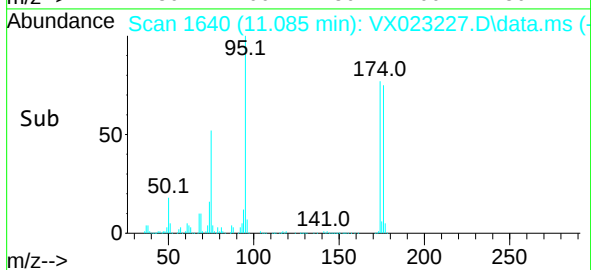
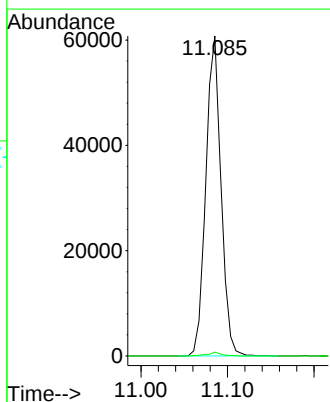
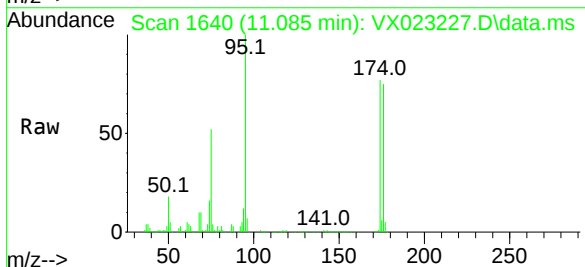
Instrument :
 MSVOA_X
 ClientSampled :
 SB-1

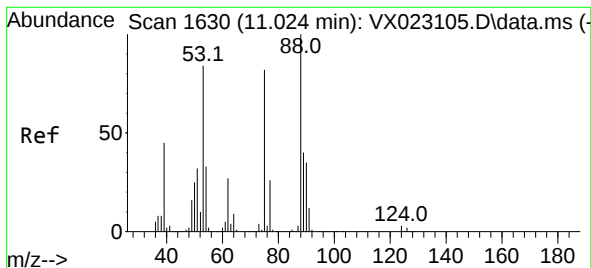
Tgt Ion:152 Resp: 122124
 Ion Ratio Lower Upper
 152 100
 115 61.1 41.1 123.3
 150 159.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 30.084 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023227.D
 Acq: 09 Jul 2021 17:36

Tgt Ion: 75 Resp: 73934
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

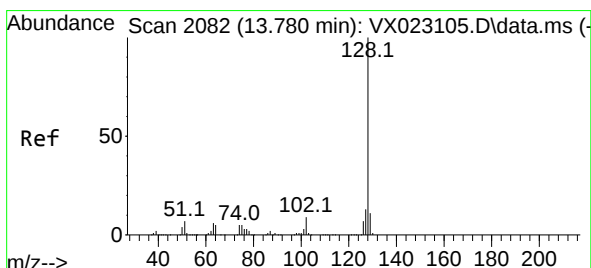
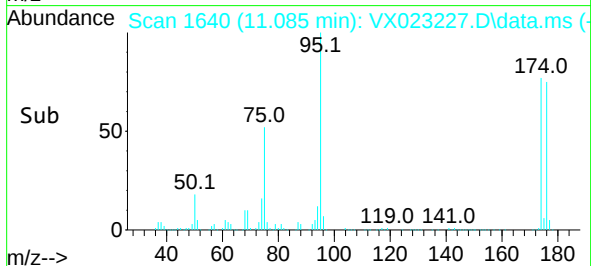
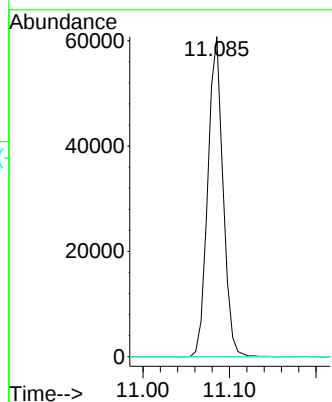
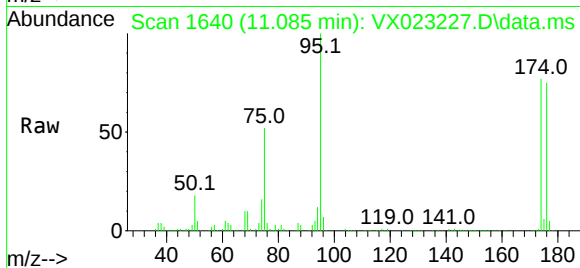




#81
trans-1,4-Dichloro-2-butene
Concen: 80.764 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

Instrument :
MSVOA_X
ClientSampled :
SB-1

Tgt Ion: 75 Resp: 73934
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.317 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023227.D
Acq: 09 Jul 2021 17:36

Tgt Ion: 128 Resp: 385
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 5.5 8.8 13.2#

