

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023270.D
 Acq On : 14 Jul 2021 09:53
 Operator : JC/MD
 Sample : VX0714MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 15 04:24:39 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)

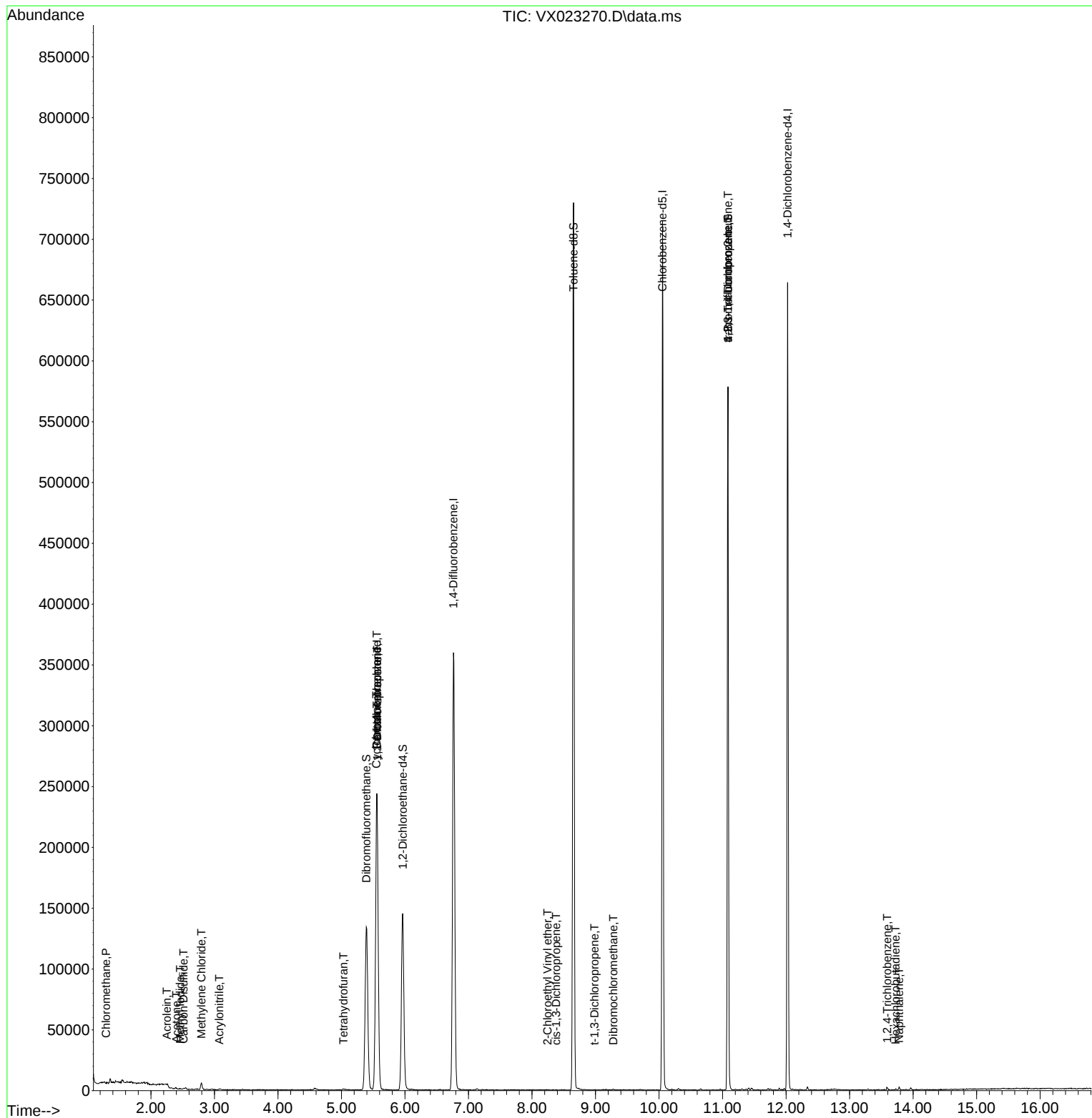
Internal Standards						
1) Pentafluorobenzene	5.556	168	229009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	368797	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	149211	48.479	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.960%		
35) Dibromofluoromethane	5.391	113	117918	49.513	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.020%		
50) Toluene-d8	8.653	98	433604	48.809	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.620%		
62) 4-Bromofluorobenzene	11.085	95	154800	45.136	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.280%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	466	0.227	ug/l	91
5) Bromomethane	1.587	94	66	Below Cal	#	2
10) Methyl Iodide	2.459	142	572	0.211	ug/l #	63
13) Acrolein	2.252	56	181	0.420	ug/l #	7
15) Acrylonitrile	3.075	53	265	0.210	ug/l #	74
16) Acetone	2.398	43	1413	1.160	ug/l #	78
17) Carbon Disulfide	2.514	76	1085	0.252	ug/l	97
20) Methylene Chloride	2.794	84	2288	0.873	ug/l #	94
29) Tetrahydrofuran	5.031	42	394	0.334	ug/l #	65
31) Cyclohexane	5.550	56	4643	1.260	ug/l #	9
36) 1,1-Dichloropropene	5.562	75	17119	5.207	ug/l #	51
38) Carbon Tetrachloride	5.556	117	22892	6.671	ug/l #	17
53) t-1,3-Dichloropropene	8.982	75	78	2.754	ug/l #	44
54) cis-1,3-Dichloropropene	8.378	75	38	2.181	ug/l #	36
58) 2-Chloroethyl Vinyl ether	8.244	63	20	4.699	ug/l #	45
60) Dibromochloromethane	9.281	129	27	3.121	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	78183	28.386	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	78183	76.474	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	591	0.213	ug/l	92
94) Hexachlorobutadiene	13.725	225	293	0.250	ug/l #	53
95) Naphthalene	13.780	128	1459	1.415	ug/l	95

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

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Quant Time: Jul 15 04:24:39 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

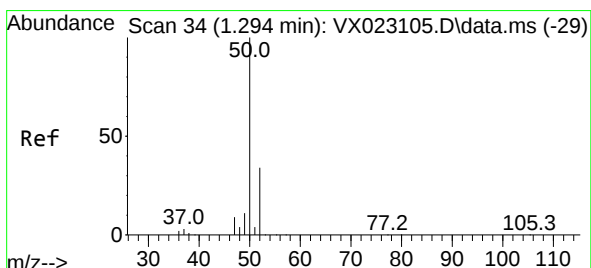
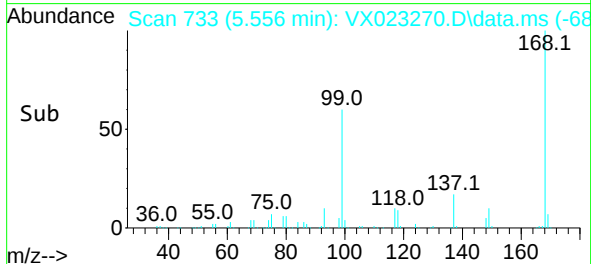
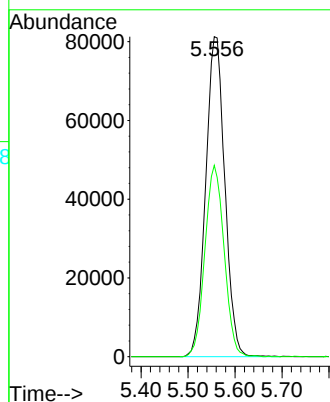
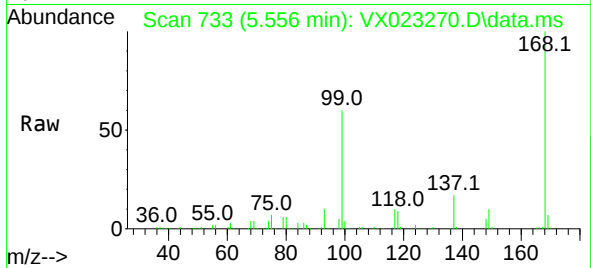




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

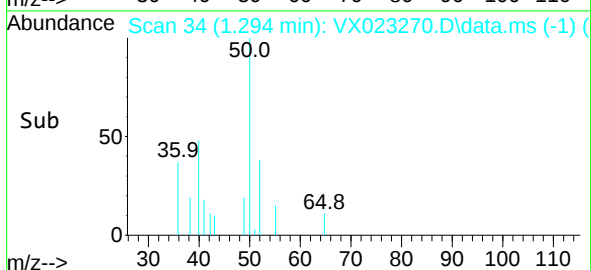
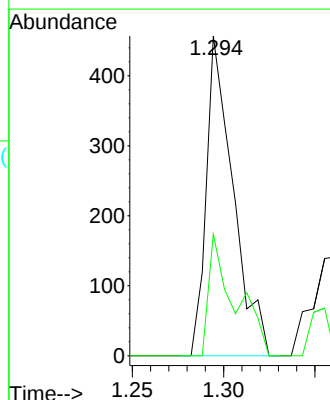
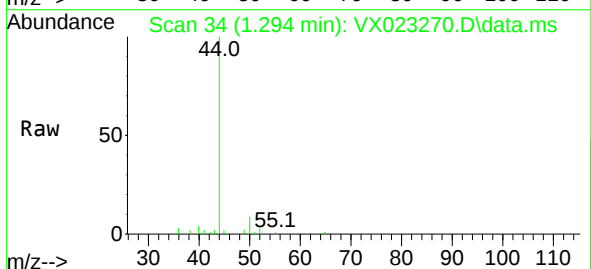
Instrument :
MSVOA_X
ClientSampleId :

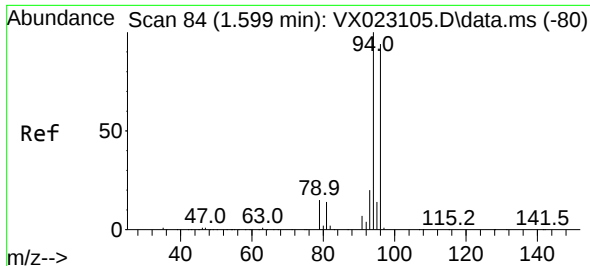
Tgt Ion:168 Resp: 229009
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.6



#3
Chloromethane
Concen: 0.227 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

Tgt Ion: 50 Resp: 466
Ion Ratio Lower Upper
50 100
52 38.1 26.4 39.6

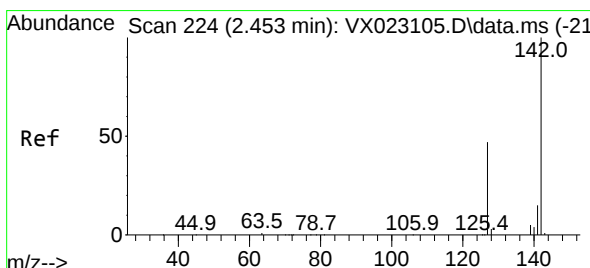
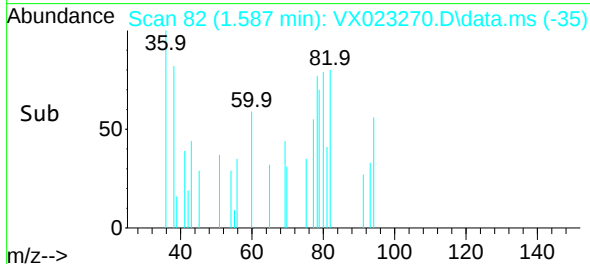
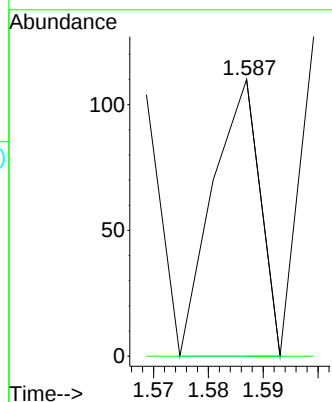
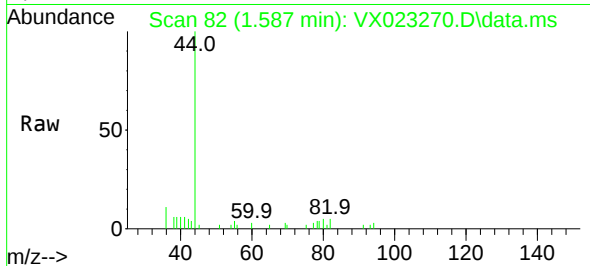




#5
Bromomethane
Concen: Below Cal
RT: 1.587 min Scan# 82
Delta R.T. -0.012 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

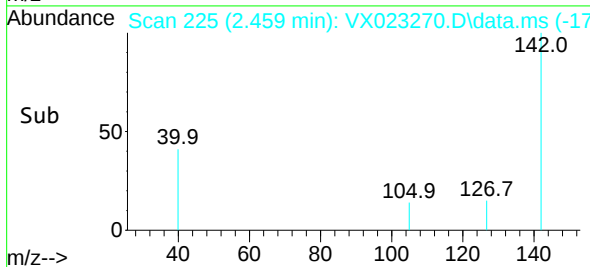
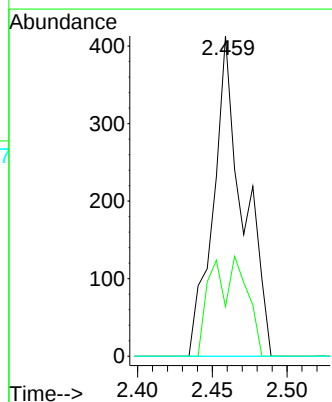
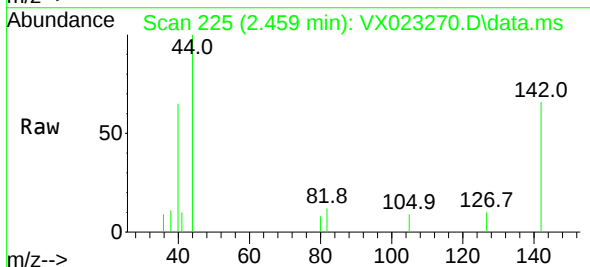
Instrument :
MSVOA_X
ClientSampleId :

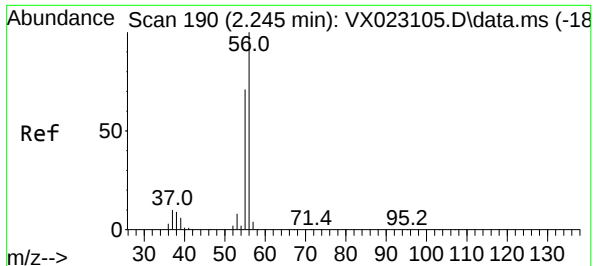
Tgt Ion: 94 Resp: 66
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#10
Methyl Iodide
Concen: 0.211 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

Tgt Ion: 142 Resp: 572
Ion Ratio Lower Upper
142 100
127 18.2 33.3 49.9#
141 0.0 11.4 17.0#

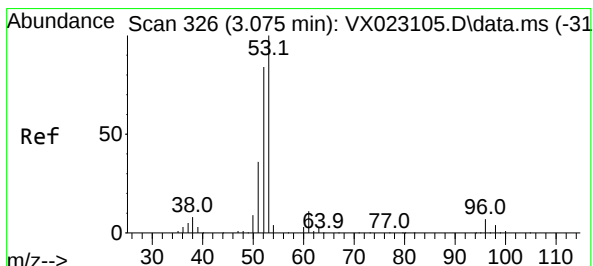
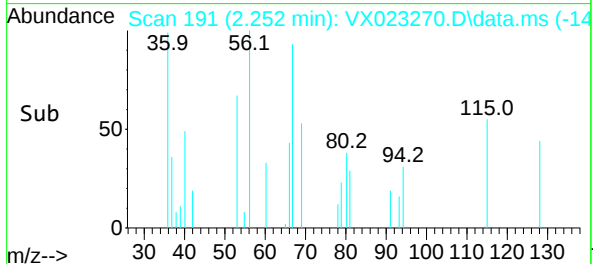
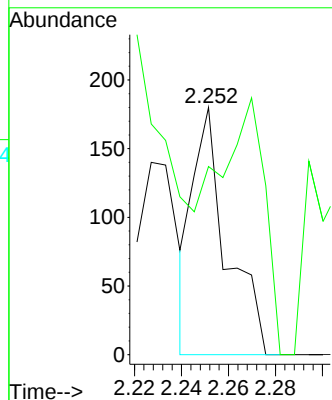
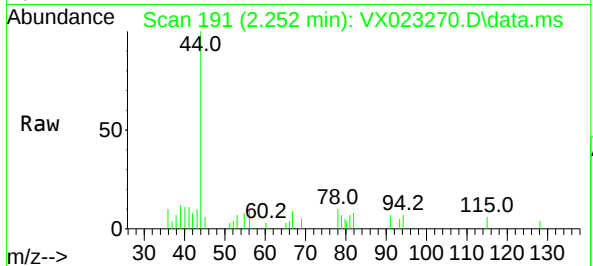




#13
Acrolein
Concen: 0.420 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.006 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

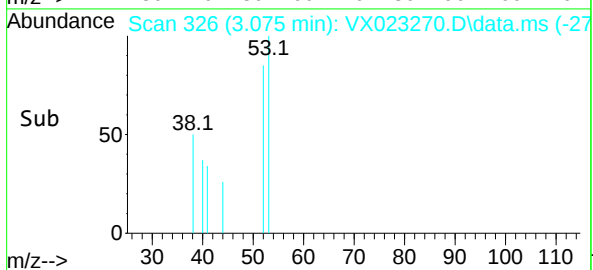
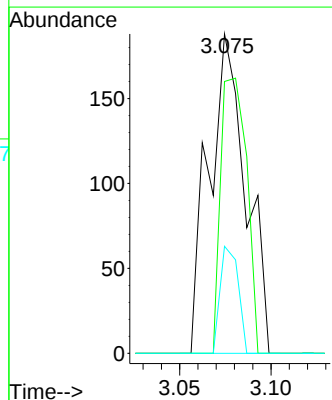
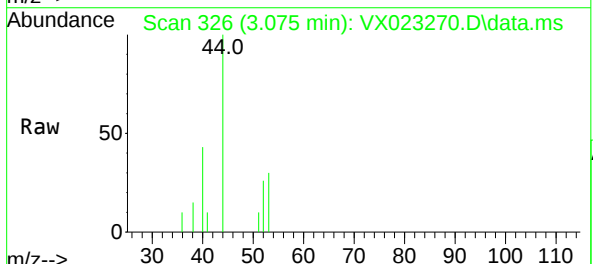
Instrument :
MSVOA_X
ClientSampled :

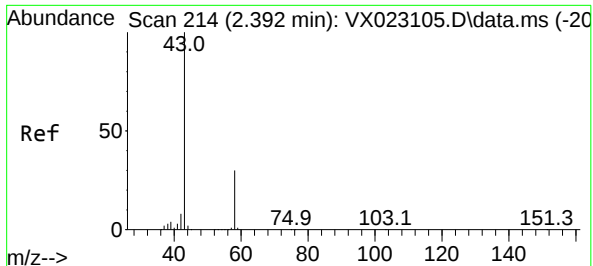
Tgt Ion: 56 Resp: 181
Ion Ratio Lower Upper
56 100
55 147.5 56.4 84.6#



#15
Acrylonitrile
Concen: 0.210 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

Tgt Ion: 53 Resp: 265
Ion Ratio Lower Upper
53 100
52 60.4 65.3 97.9#
51 16.2 28.2 42.2#

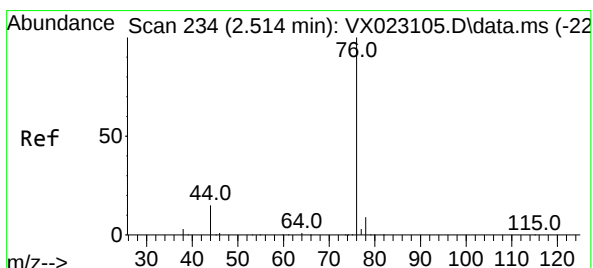
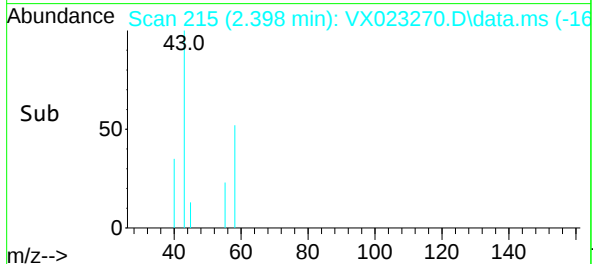
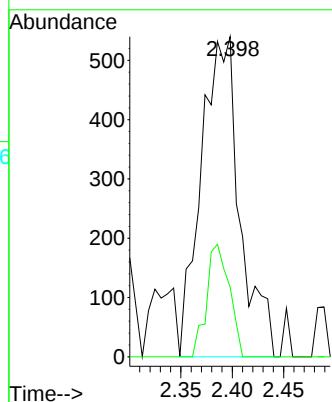
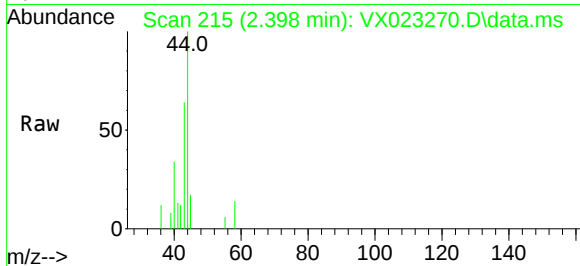




#16
Acetone
Concen: 1.160 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

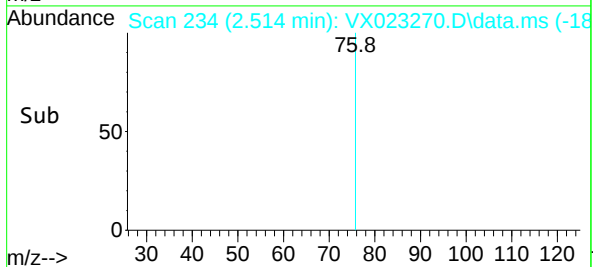
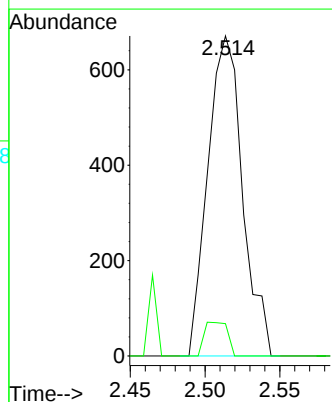
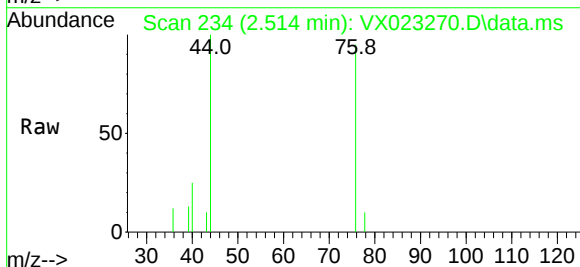
Instrument :
MSVOA_X
ClientSampled :

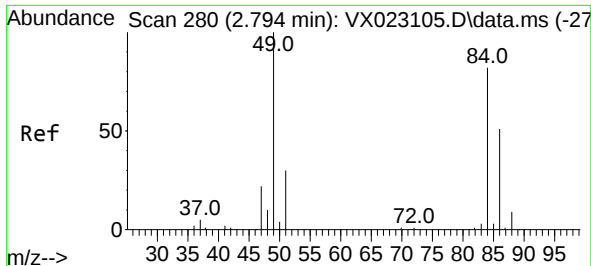
Tgt Ion: 43 Resp: 1413
Ion Ratio Lower Upper
43 100
58 21.9 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.252 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

Tgt Ion: 76 Resp: 1085
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8





#20

Methylene Chloride

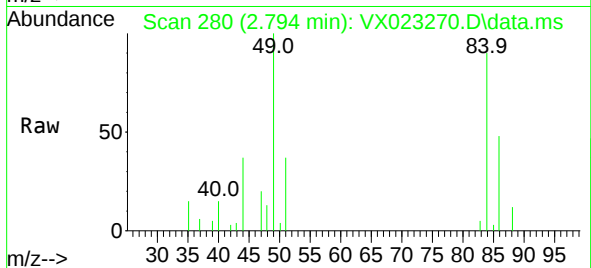
Concen: 0.873 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX023270.D

Acq: 14 Jul 2021 09:53



Tgt Ion: 84 Resp: 2288

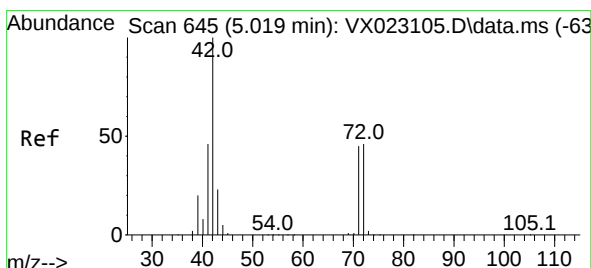
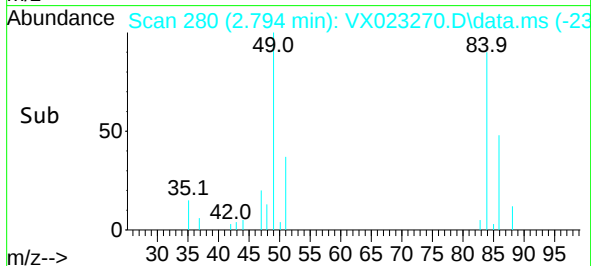
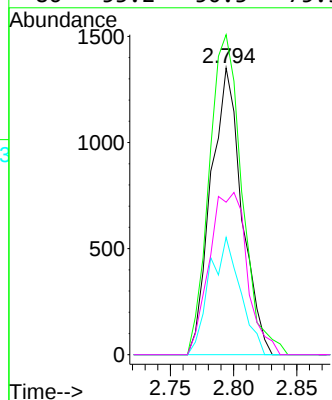
Ion Ratio Lower Upper

84 100

49 111.6 88.6 132.8

51 40.9 27.0 40.6#

86 53.2 50.3 75.5



#29

Tetrahydrofuran

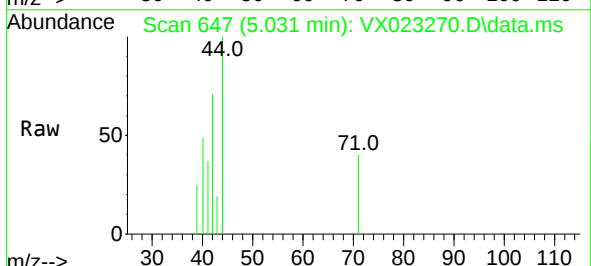
Concen: 0.334 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.012 min

Lab File: VX023270.D

Acq: 14 Jul 2021 09:53



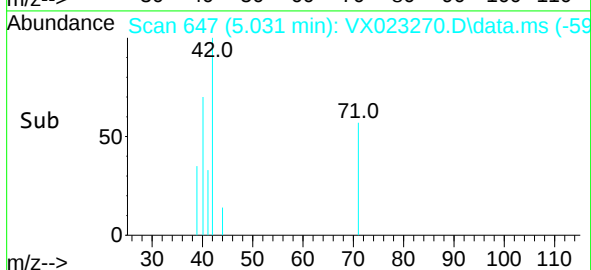
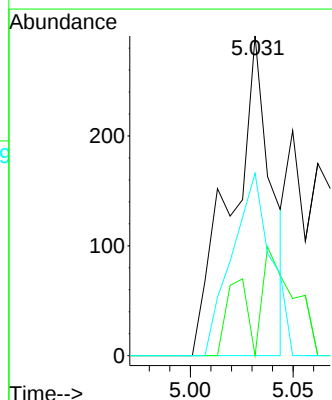
Tgt Ion: 42 Resp: 394

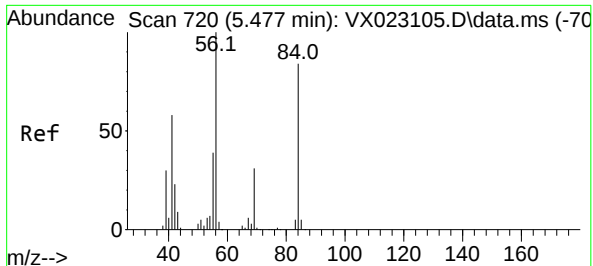
Ion Ratio Lower Upper

42 100

72 12.4 41.7 62.5#

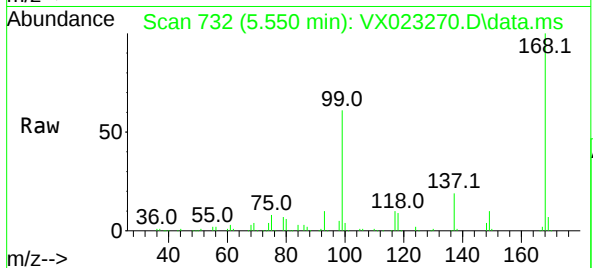
71 55.6 38.4 57.6



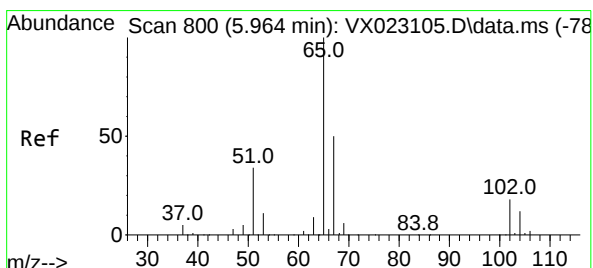
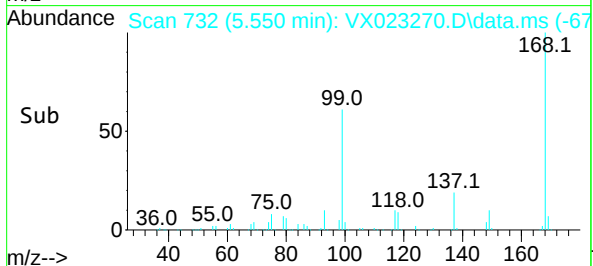
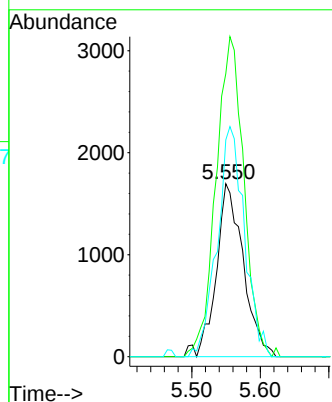


#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

Instrument :
MSVOA_X
ClientSampleId :

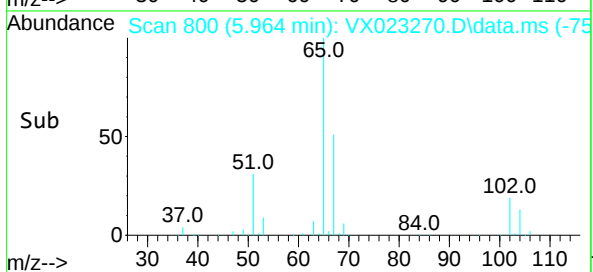
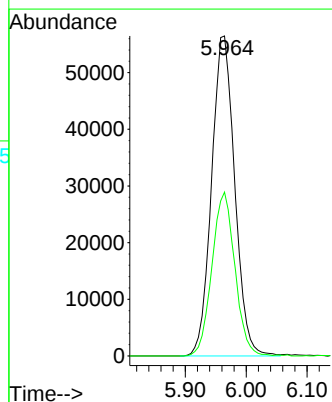
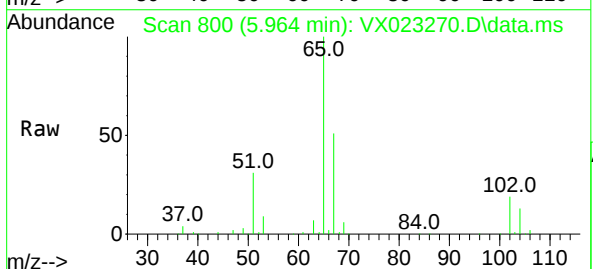


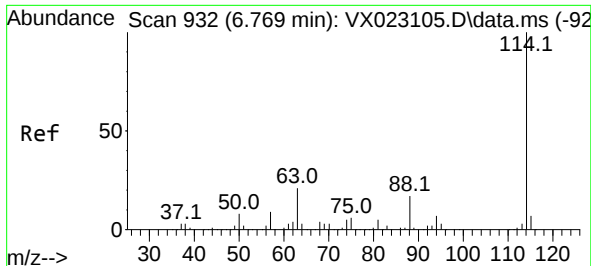
Tgt Ion: 56 Resp: 4643
Ion Ratio Lower Upper
56 100
69 163.6 25.3 37.9#
84 125.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.479 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

Tgt Ion: 65 Resp: 149211
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.4

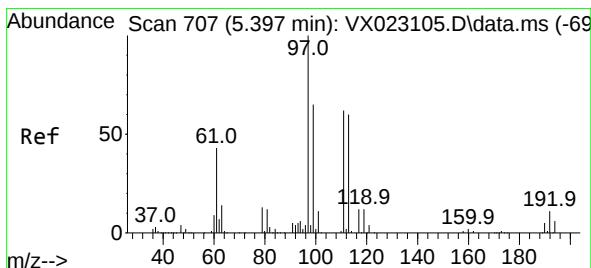
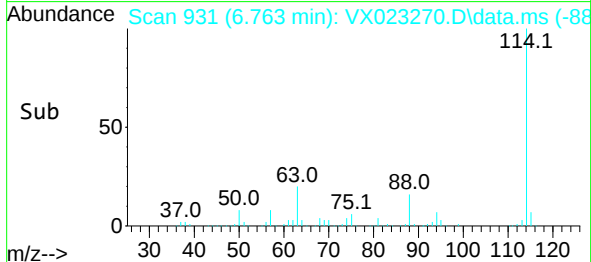
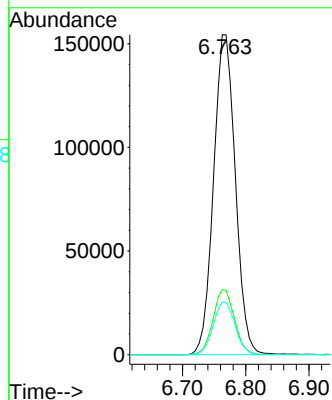
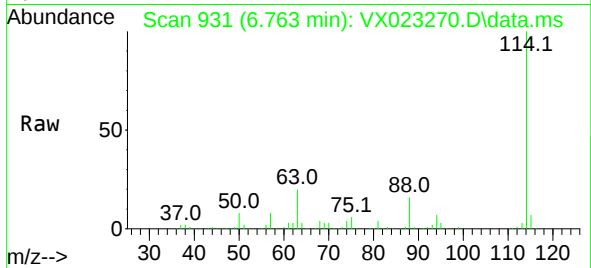




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

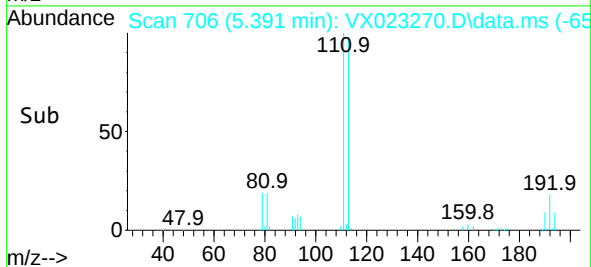
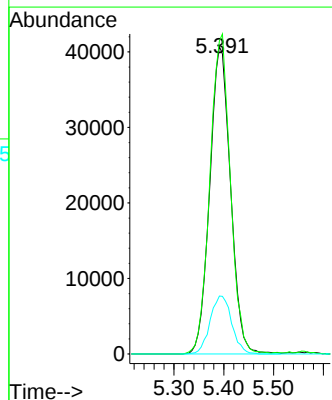
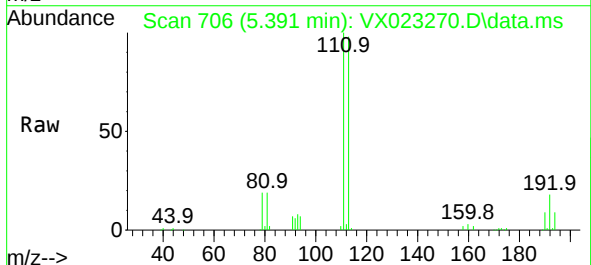
Instrument :
MSVOA_X
ClientSampleId :

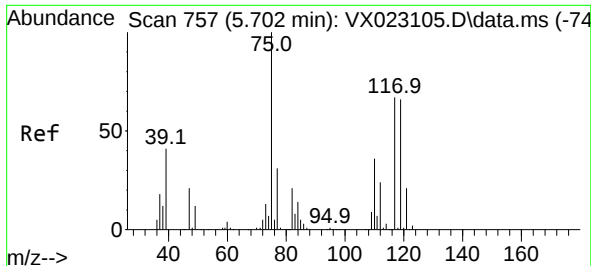
Tgt Ion:114 Resp: 368797
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.513 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

Tgt Ion:113 Resp: 117918
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.5 16.7 25.1

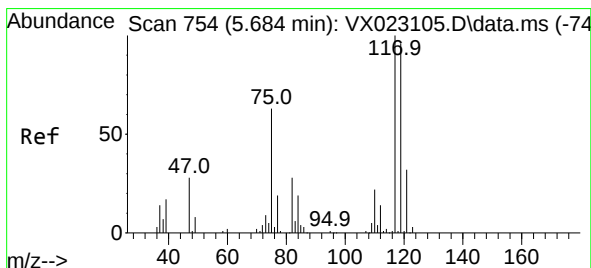
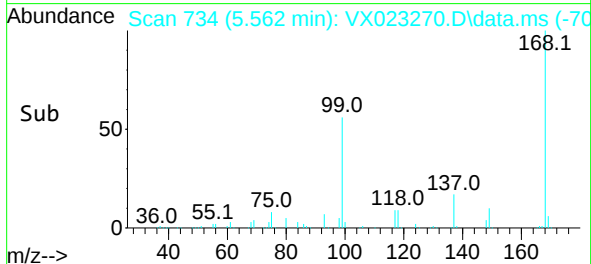
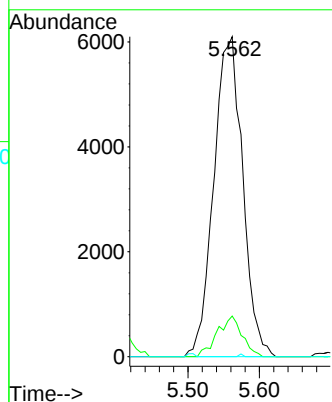
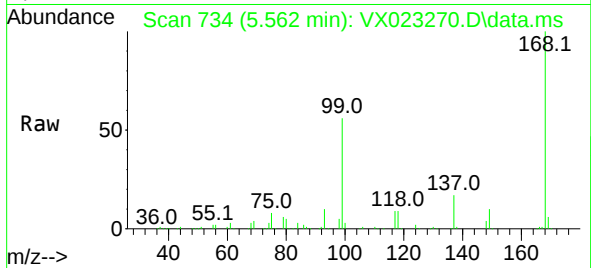




#36
1,1-Dichloropropene
Concen: 5.207 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

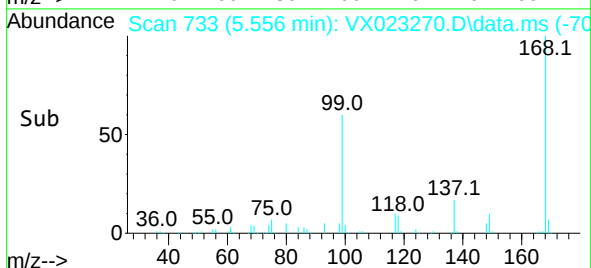
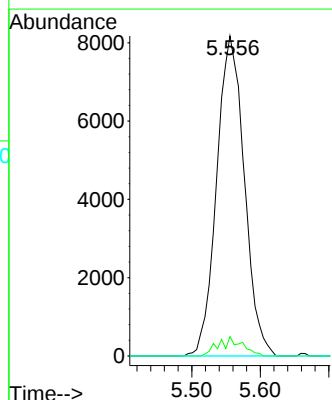
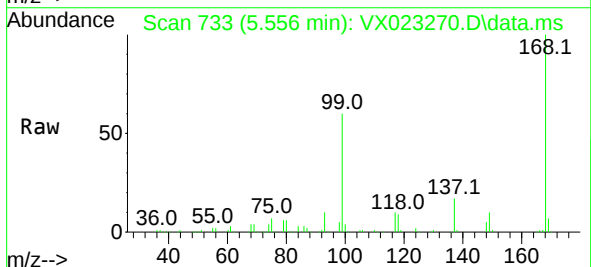
Instrument :
MSVOA_X
ClientSampleId :

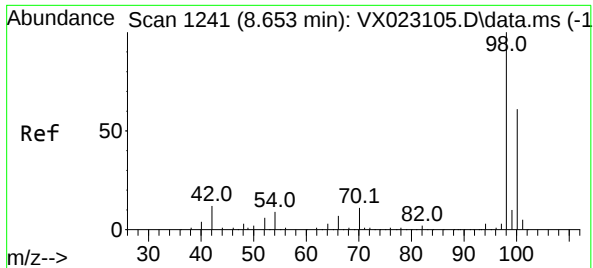
Tgt Ion: 75 Resp: 17119
Ion Ratio Lower Upper
75 100
110 10.9 18.1 54.4#
77 0.1 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.671 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

Tgt Ion: 117 Resp: 22892
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

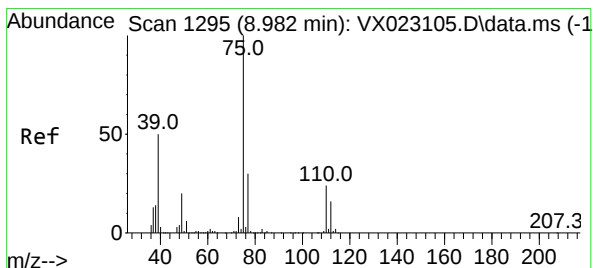
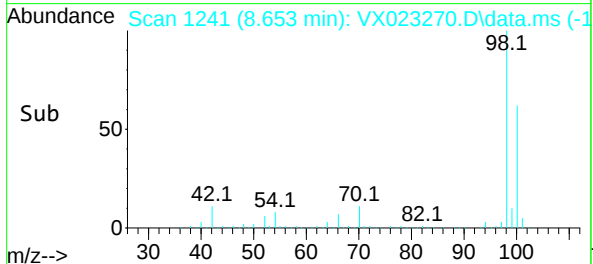
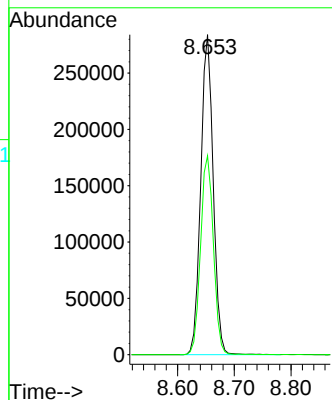
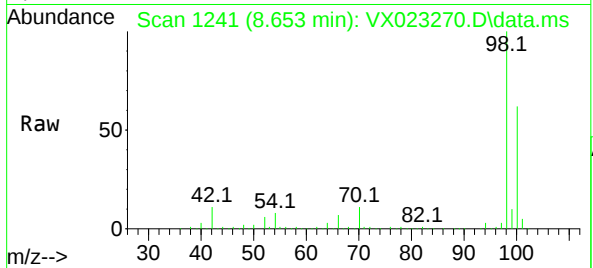




#50
Toluene-d8
Concen: 48.809 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

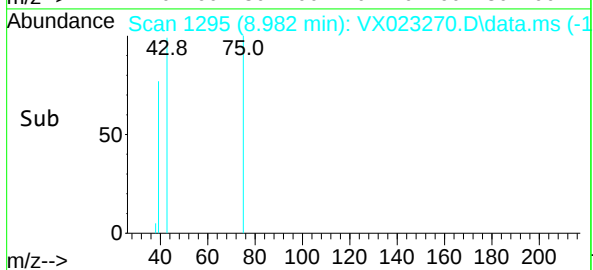
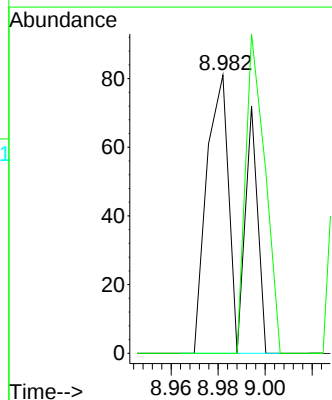
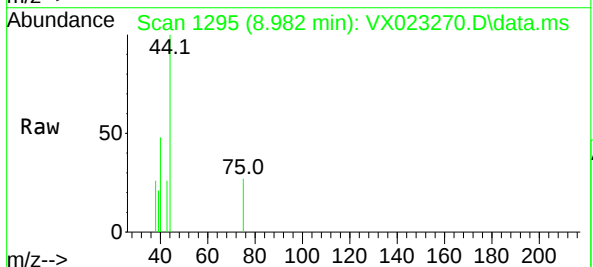
Instrument :
MSVOA_X
ClientSampled :

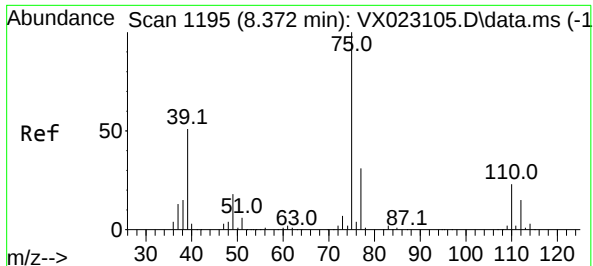
Tgt Ion: 98 Resp: 433604
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.754 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

Tgt Ion: 75 Resp: 78
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

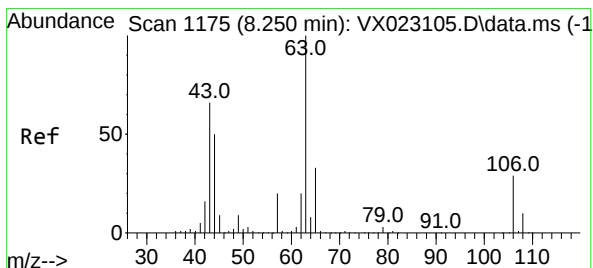
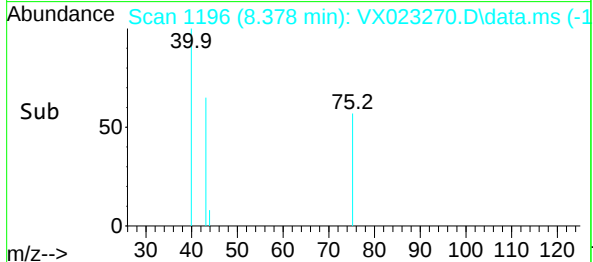
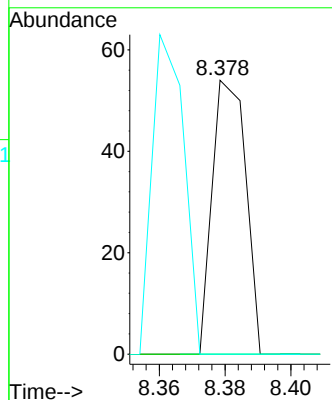
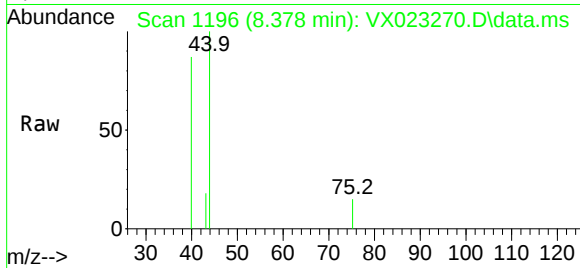




#54
 cis-1,3-Dichloropropene
 Concen: 2.181 ug/l
 RT: 8.378 min Scan# 1196
 Delta R.T. 0.006 min
 Lab File: VX023270.D
 Acq: 14 Jul 2021 09:53

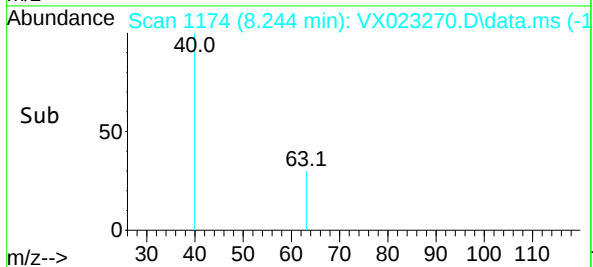
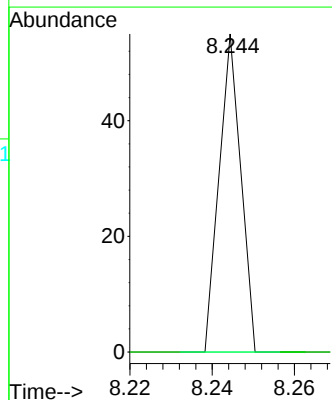
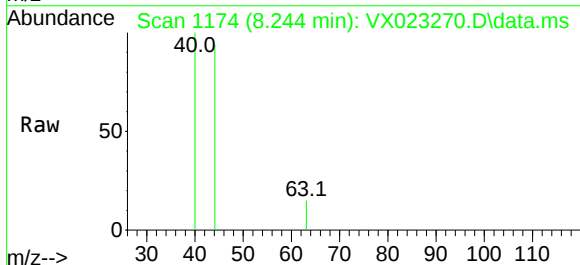
Instrument :
 MSVOA_X
 ClientSampleId :

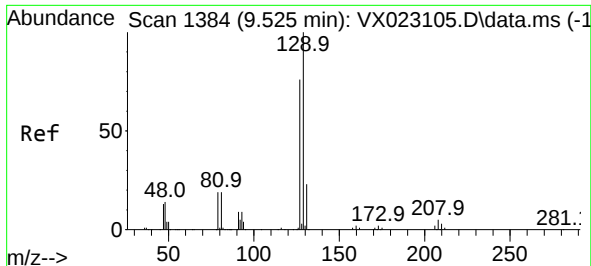
Tgt Ion: 75 Resp: 38
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 0.0 35.1 52.7#



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.699 ug/l
 RT: 8.244 min Scan# 1174
 Delta R.T. -0.006 min
 Lab File: VX023270.D
 Acq: 14 Jul 2021 09:53

Tgt Ion: 63 Resp: 20
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.5 35.3#

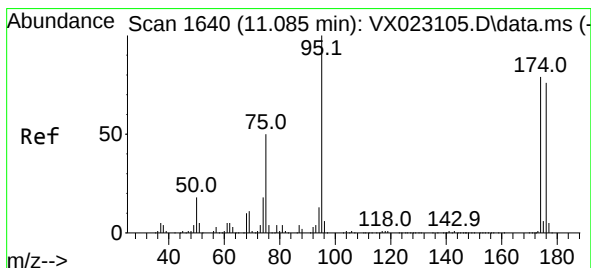
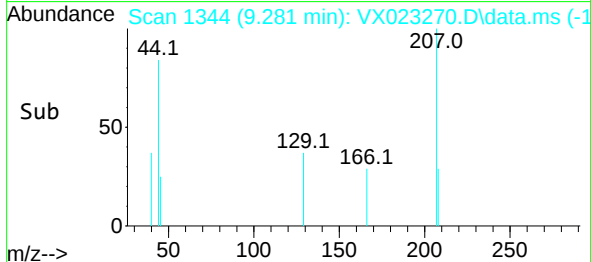
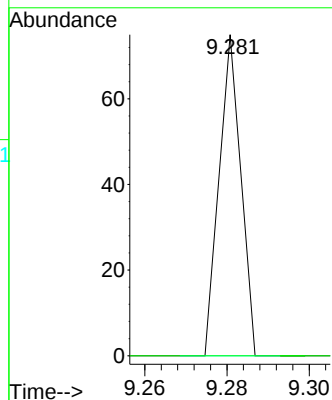
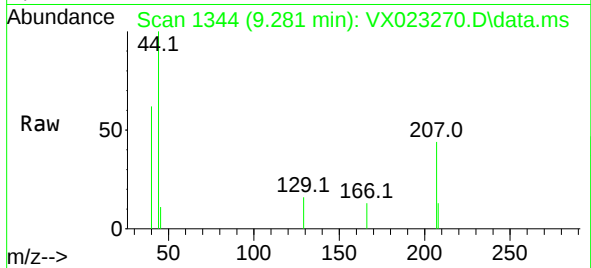




#60
Dibromochloromethane
Concen: 3.121 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

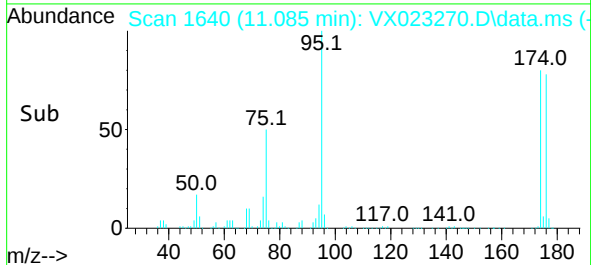
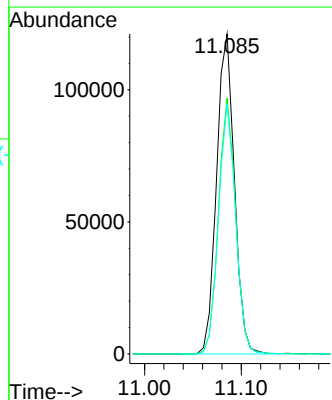
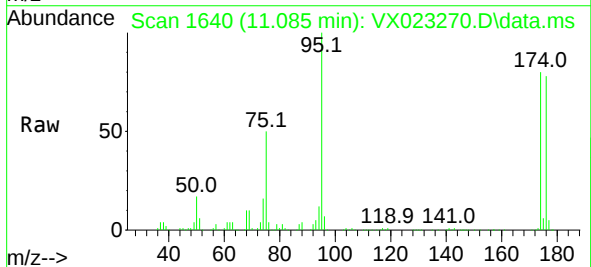
Instrument :
MSVOA_X
ClientSampleId :

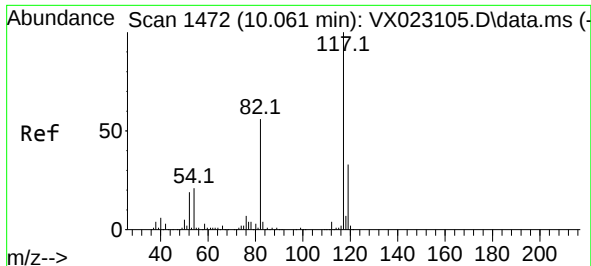
Tgt Ion:129 Resp: 27
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.136 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

Tgt Ion: 95 Resp: 154800
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 75.0 0.0 155.8

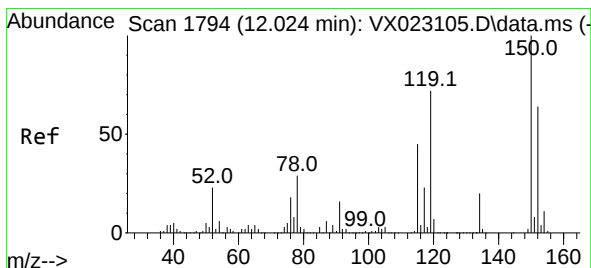
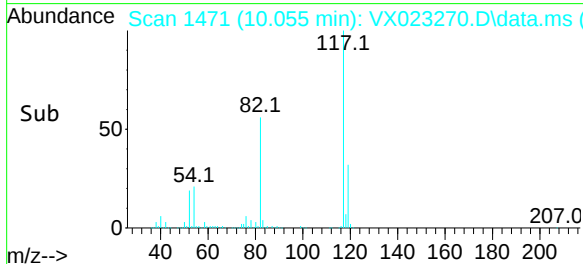
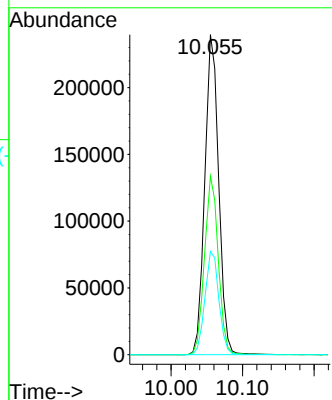
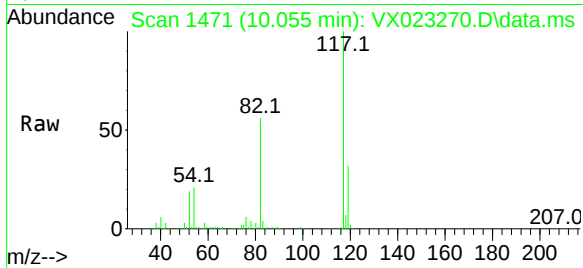




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

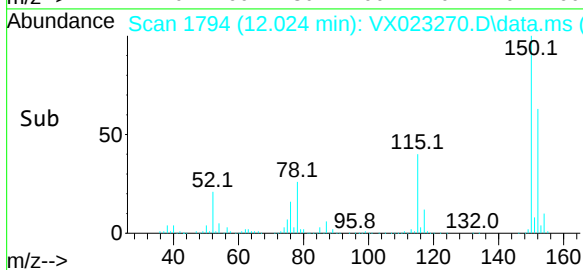
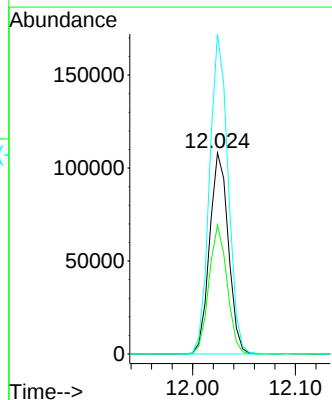
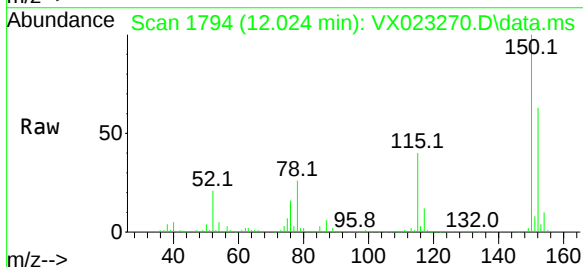
Instrument :
MSVOA_X
ClientSampleId :

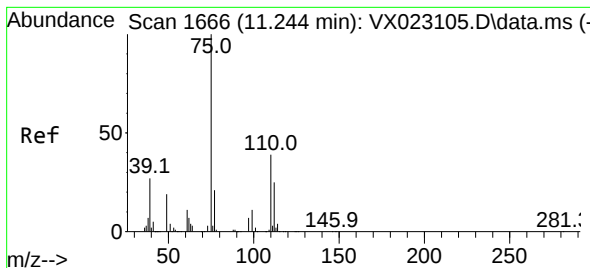
Tgt Ion:117 Resp: 323371
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

Tgt Ion:152 Resp: 136869
Ion Ratio Lower Upper
152 100
115 61.8 41.1 123.3
150 157.0 0.0 349.0

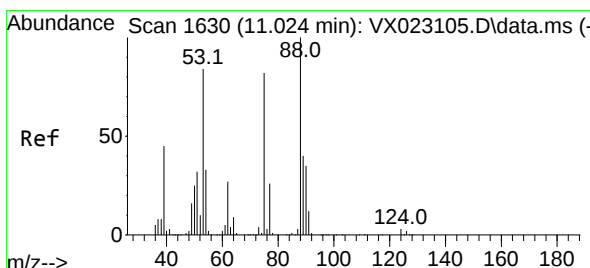
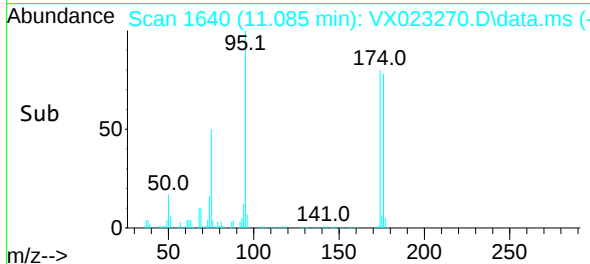
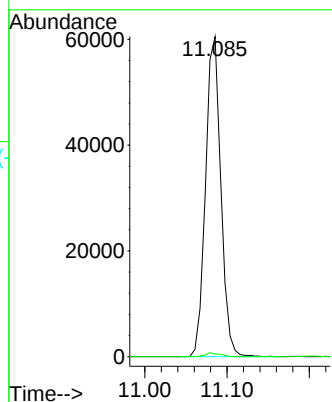
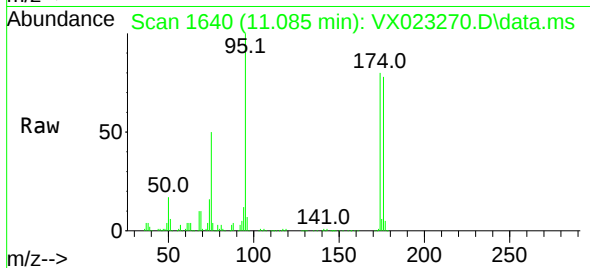




#76
1,2,3-Trichloropropane
Concen: 28.386 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

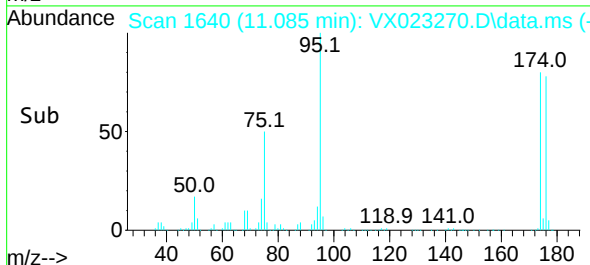
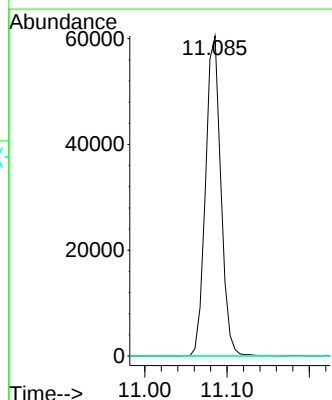
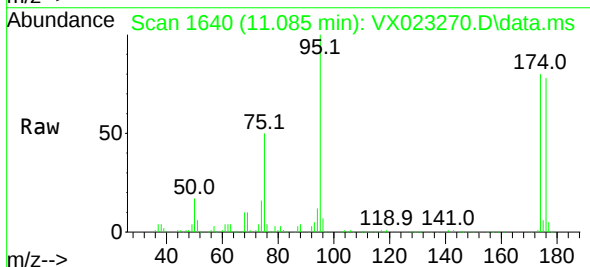
Instrument :
MSVOA_X
ClientSampled :

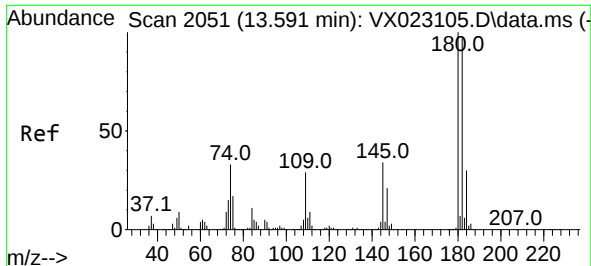
Tgt Ion: 75 Resp: 78183
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.474 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

Tgt Ion: 75 Resp: 78183
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

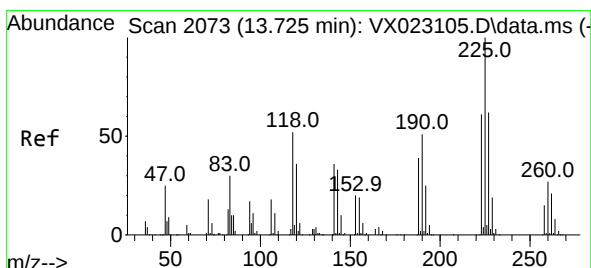
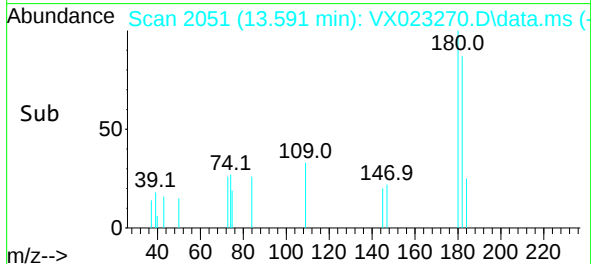
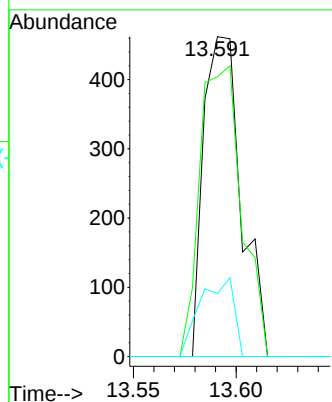
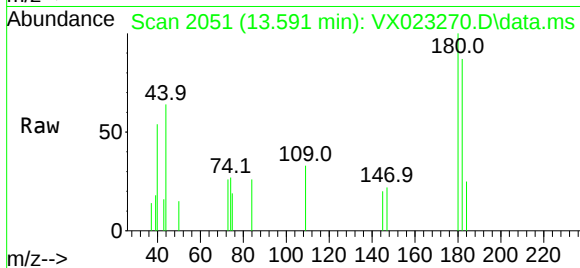




#93
1,2,4-Trichlorobenzene
Concen: 0.213 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

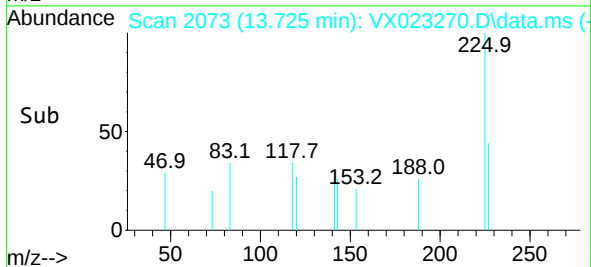
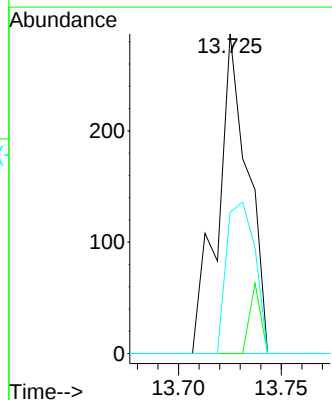
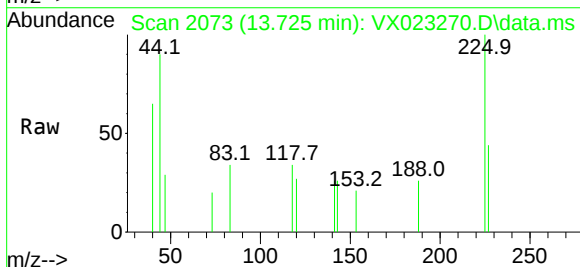
Instrument :
MSVOA_X
ClientSampleId :

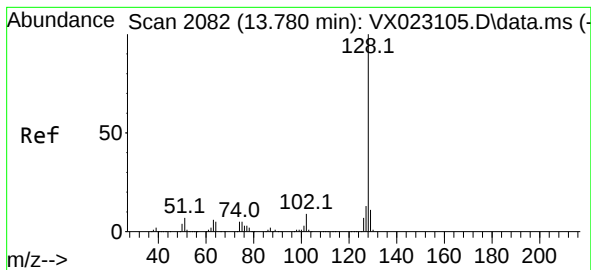
Tgt Ion:180	Resp:	591
Ion	Ratio	Lower Upper
180	100	
182	100.7	47.7 143.1
145	22.0	15.0 45.0



#94
Hexachlorobutadiene
Concen: 0.250 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

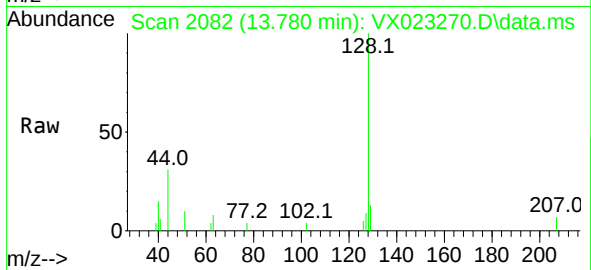
Tgt Ion:225	Resp:	293
Ion	Ratio	Lower Upper
225	100	
223	7.8	31.1 93.2#
227	44.7	31.6 95.0





#95
Naphthalene
Concen: 1.415 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023270.D
Acq: 14 Jul 2021 09:53

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 1459
Ion Ratio Lower Upper
128 100
127 14.8 10.3 15.5
129 9.3 8.8 13.2

