

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073021\
 Data File : VX023507.D
 Acq On : 29 Jul 2021 10:36
 Operator : JC/MD
 Sample : VX0730MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 30 03:40:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

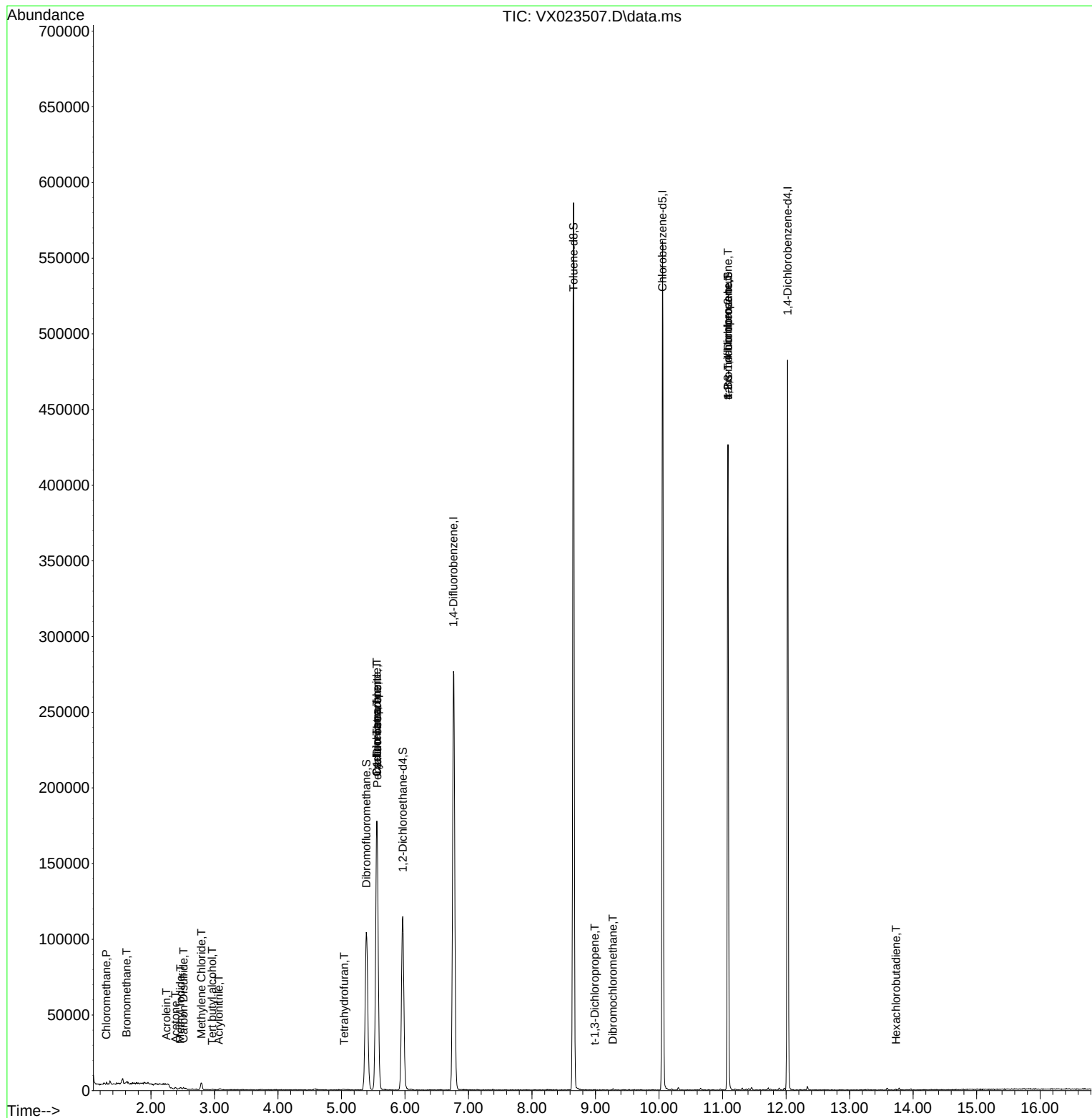
Internal Standards						
1) Pentafluorobenzene	5.562	168	171417	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	286355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111708	52.242	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.480%	
35) Dibromofluoromethane	5.391	113	91054	50.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.720%	
50) Toluene-d8	8.653	98	342328	52.041	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.080%	
62) 4-Bromofluorobenzene	11.085	95	108915	48.692	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	587	0.320	ug/l #	75
5) Bromomethane	1.617	94	931	0.843	ug/l #	65
10) Methyl Iodide	2.465	142	1459	0.686	ug/l	99
11) Tert butyl alcohol	2.965	59	151	0.309	ug/l #	73
13) Acrolein	2.239	56	204	2.181	ug/l #	1
15) Acrylonitrile	3.068	53	251	0.228	ug/l #	82
16) Acetone	2.386	43	1183	1.128	ug/l	95
17) Carbon Disulfide	2.514	76	1302	0.313	ug/l #	85
20) Methylene Chloride	2.794	84	2070	1.015	ug/l	96
29) Tetrahydrofuran	5.044	42	412	0.386	ug/l #	27
31) Cyclohexane	5.556	56	3666	1.157	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	13158	5.080	ug/l #	50
38) Carbon Tetrachloride	5.556	117	16984	6.447	ug/l #	17
53) t-1,3-Dichloropropene	8.988	75	169	1.868	ug/l #	74
60) Dibromochloromethane	9.275	129	18	1.991	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	55315	26.449	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55315	71.118	ug/l #	12
94) Hexachlorobutadiene	13.731	225	224	0.256	ug/l #	27

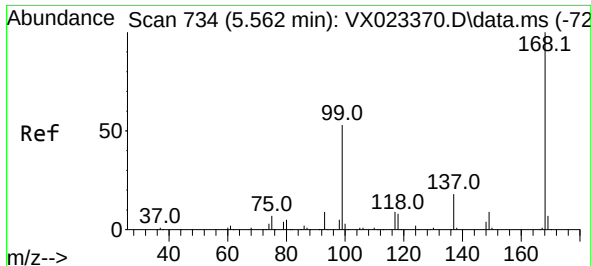
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Jul 30 03:40:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

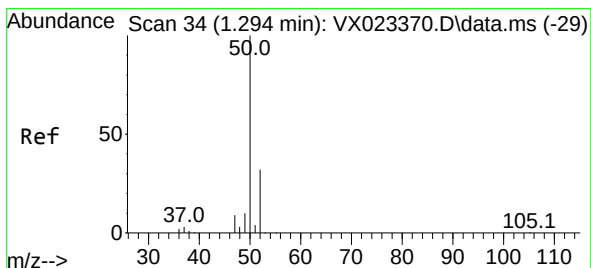
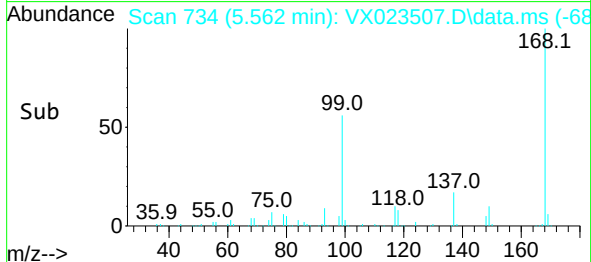
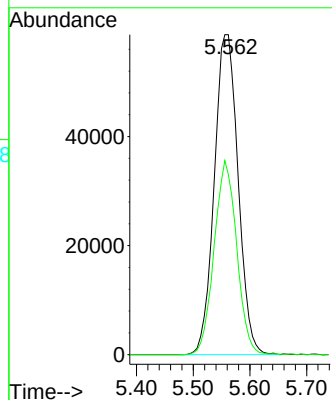
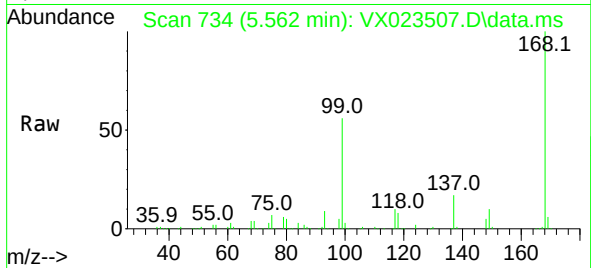




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

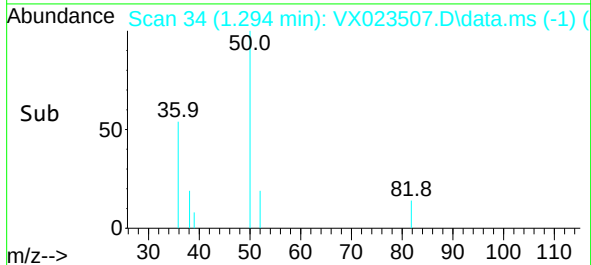
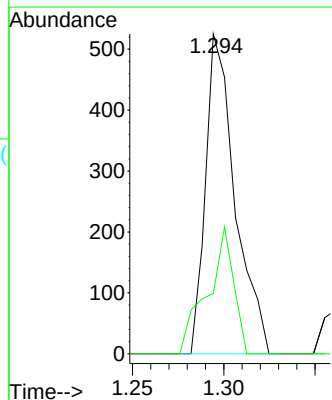
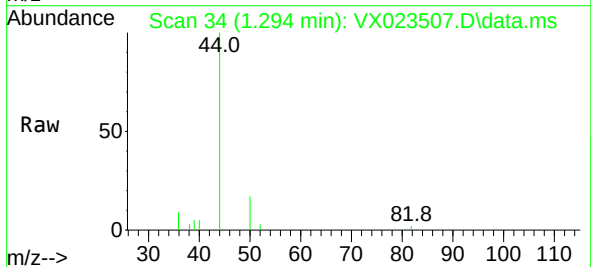
Instrument :
MSVOA_X
ClientSampleId :

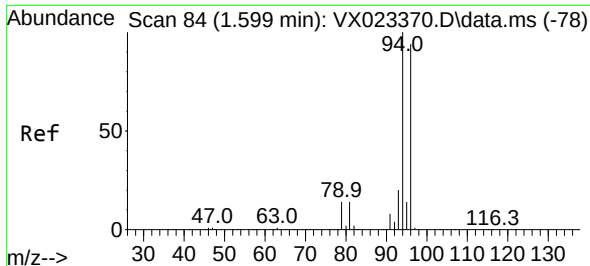
Tgt Ion:168 Resp: 171417
Ion Ratio Lower Upper
168 100
99 56.3 45.8 68.6



#3
Chloromethane
Concen: 0.320 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

Tgt Ion: 50 Resp: 587
Ion Ratio Lower Upper
50 100
52 18.9 26.4 39.6#

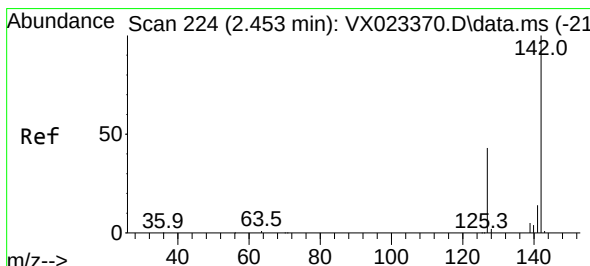
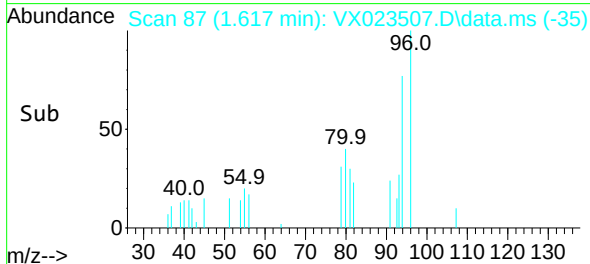
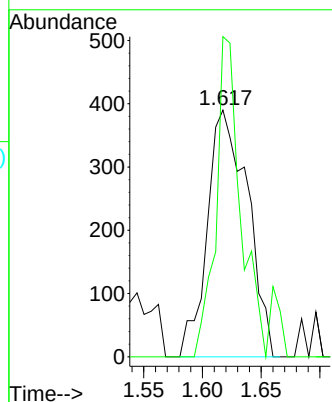
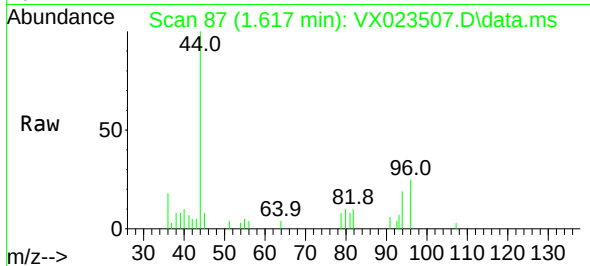




#5
Bromomethane
Concen: 0.843 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

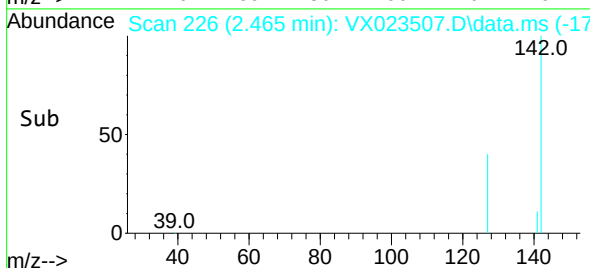
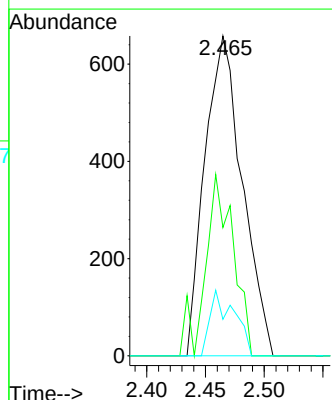
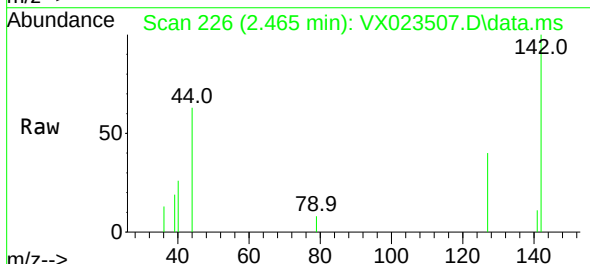
Instrument :
MSVOA_X
ClientSampled :

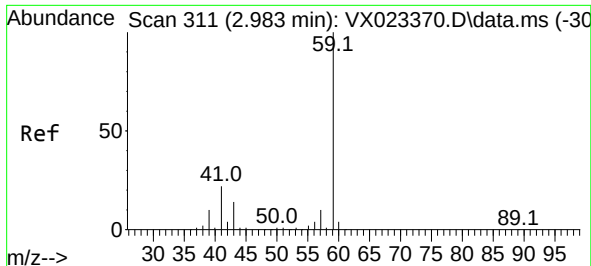
Tgt Ion: 94 Resp: 931
Ion Ratio Lower Upper
94 100
96 129.7 76.4 114.6#



#10
Methyl Iodide
Concen: 0.686 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

Tgt Ion: 142 Resp: 1459
Ion Ratio Lower Upper
142 100
127 42.3 33.3 49.9
141 13.2 11.4 17.0

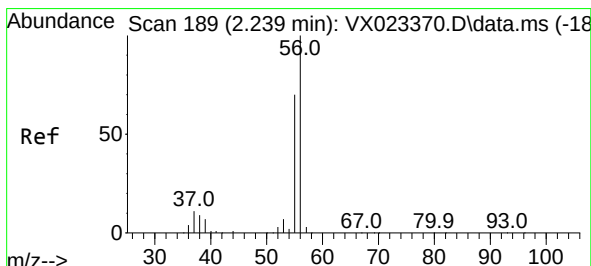
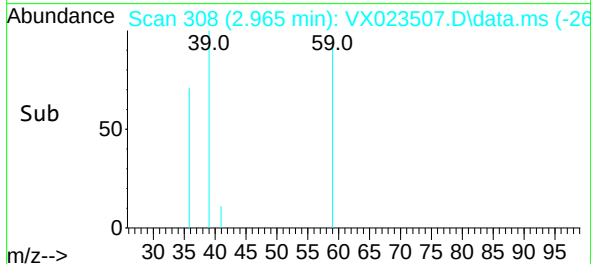
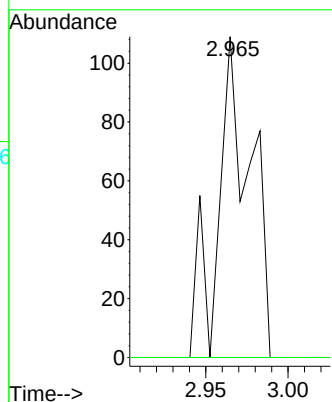
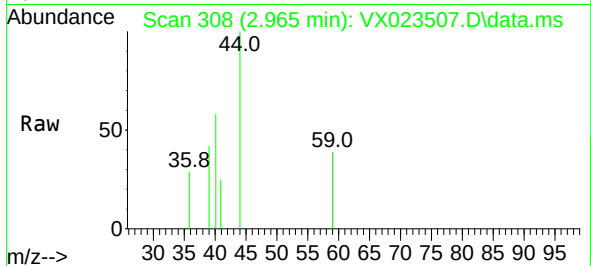




#11
Tert butyl alcohol
Concen: 0.309 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

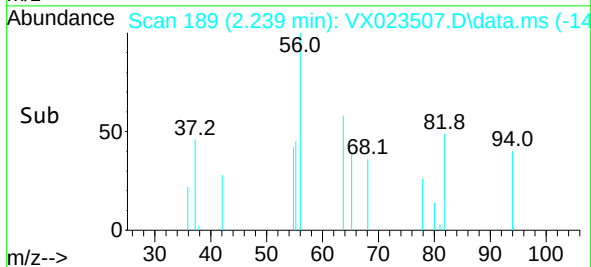
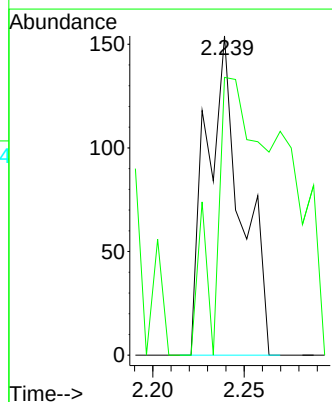
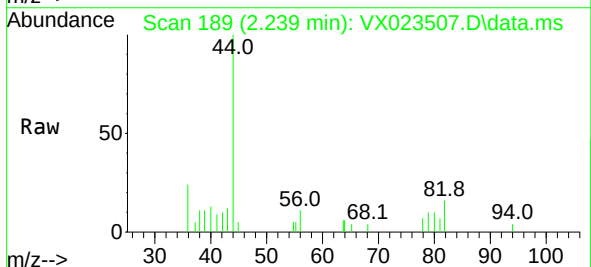
Instrument :
MSVOA_X
ClientSampled :

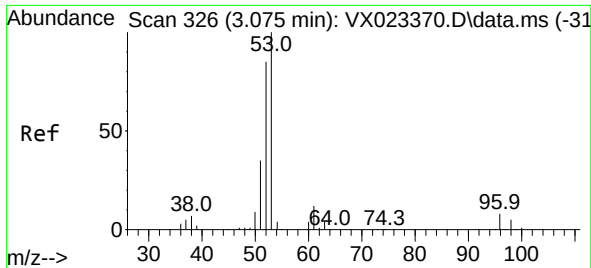
Tgt Ion: 59 Resp: 151
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 2.181 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

Tgt Ion: 56 Resp: 204
Ion Ratio Lower Upper
56 100
55 178.9 56.4 84.6#

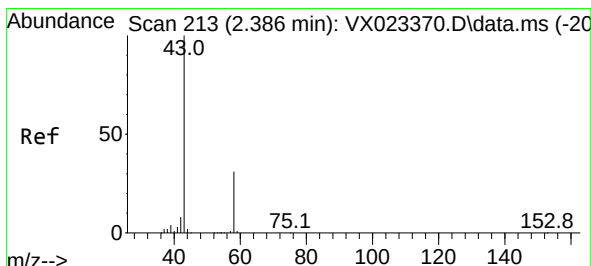
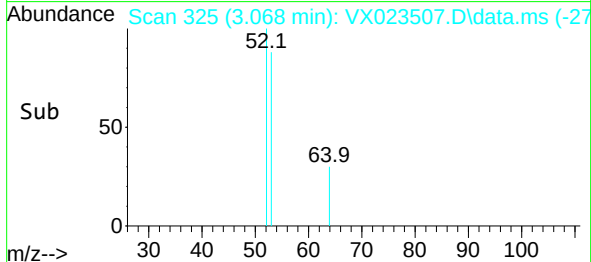
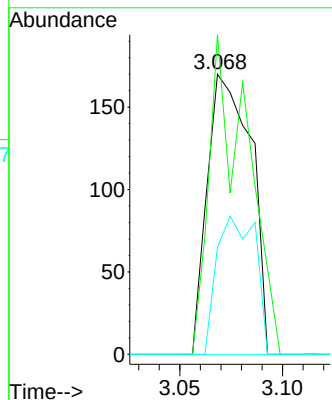
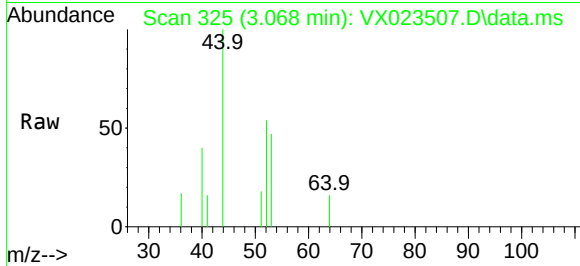




#15
Acrylonitrile
Concen: 0.228 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.007 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

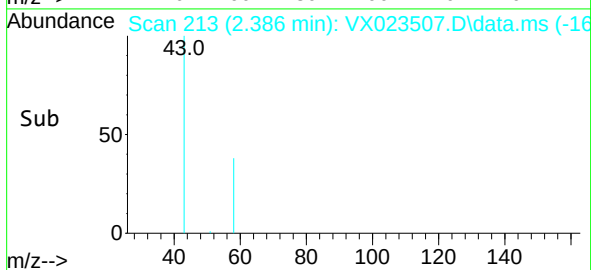
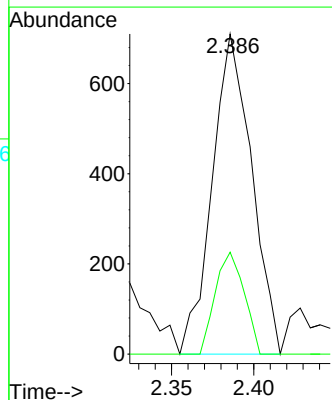
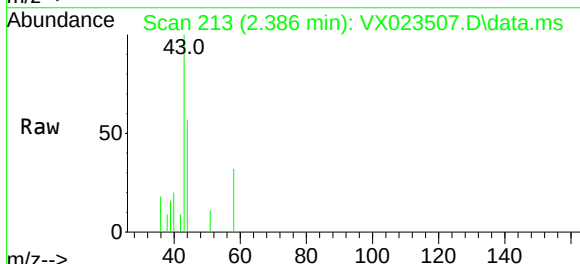
Instrument :
MSVOA_X
ClientSampleId :

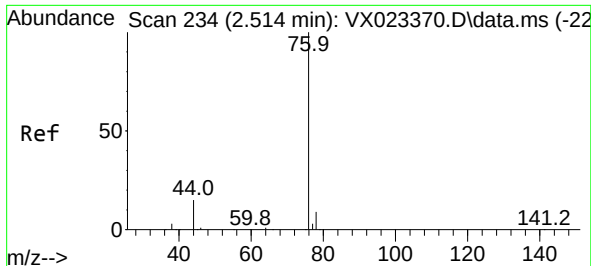
Tgt Ion: 53 Resp: 251
Ion Ratio Lower Upper
53 100
52 99.6 65.3 97.9#
51 43.4 28.2 42.2#



#16
Acetone
Concen: 1.128 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

Tgt Ion: 43 Resp: 1183
Ion Ratio Lower Upper
43 100
58 31.8 27.8 41.8

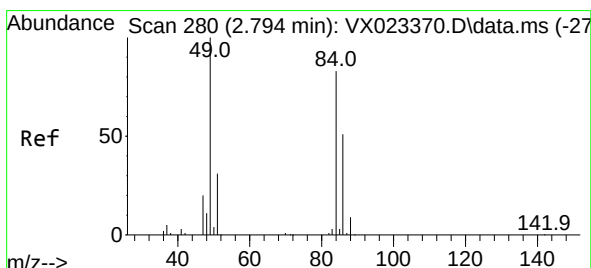
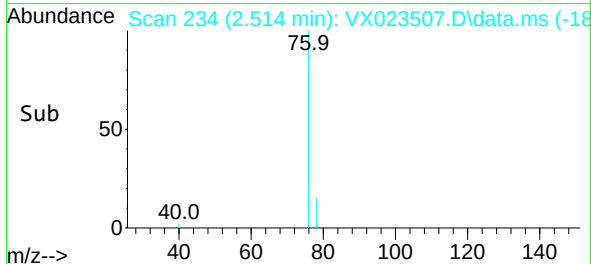
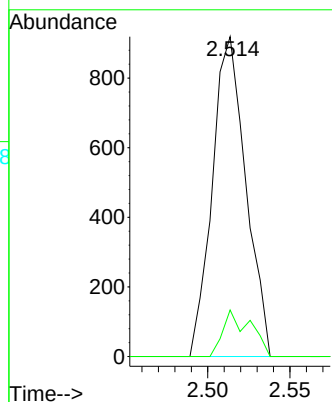
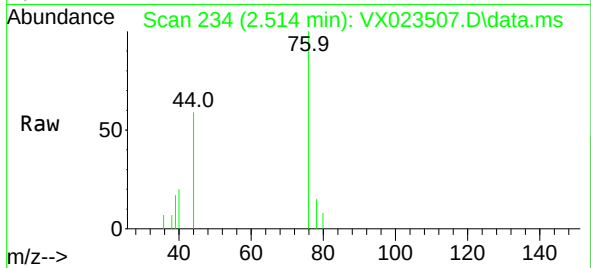




#17
Carbon Disulfide
Concen: 0.313 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

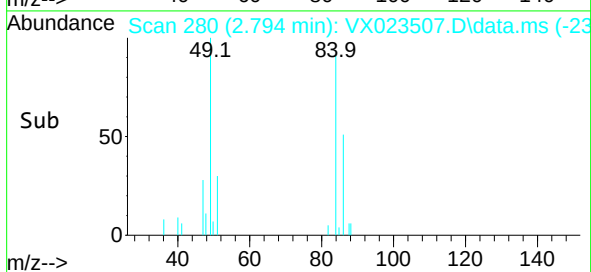
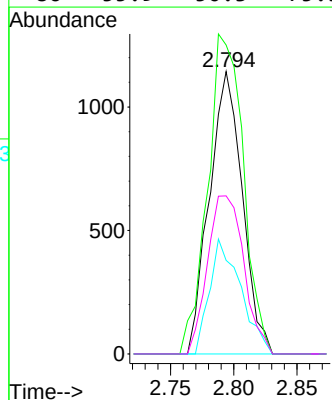
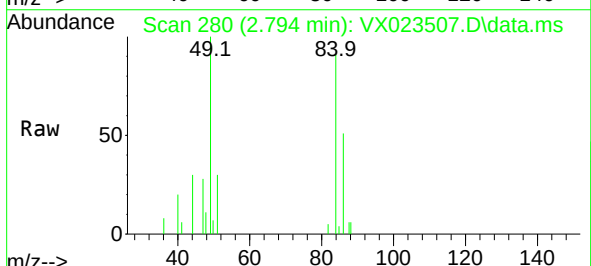
Instrument :
MSVOA_X
ClientSampled :

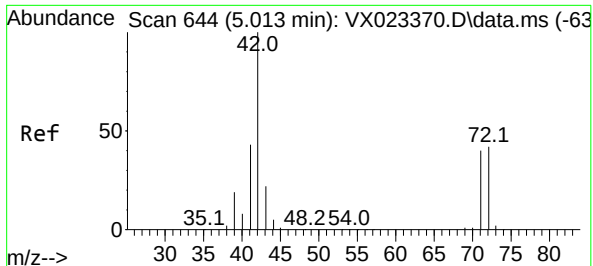
Tgt Ion: 76 Resp: 1302
Ion Ratio Lower Upper
76 100
78 14.6 7.2 10.8#



#20
Methylene Chloride
Concen: 1.015 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

Tgt Ion: 84 Resp: 2070
Ion Ratio Lower Upper
84 100
49 109.4 88.6 132.8
51 33.1 27.0 40.6
86 55.9 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.386 ug/l

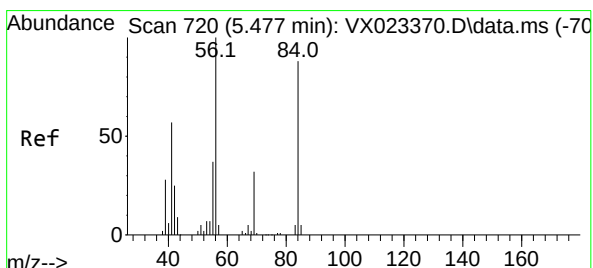
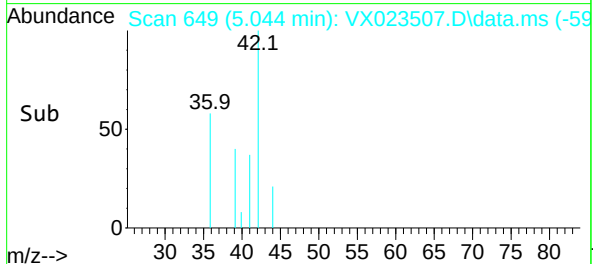
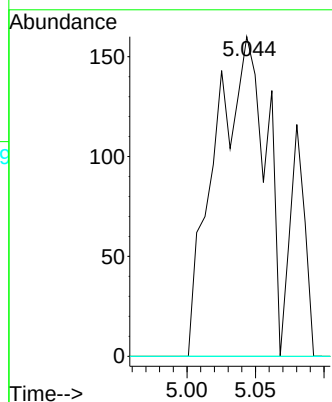
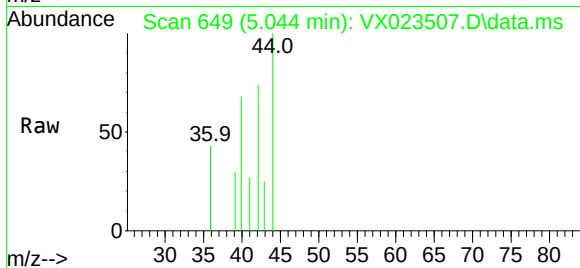
RT: 5.044 min Scan# 649

Delta R.T. 0.031 min

Lab File: VX023507.D

Acq: 29 Jul 2021 10:36

Tgt Ion:	42	Resp:	412
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



#31

Cyclohexane

Concen: 1.157 ug/l

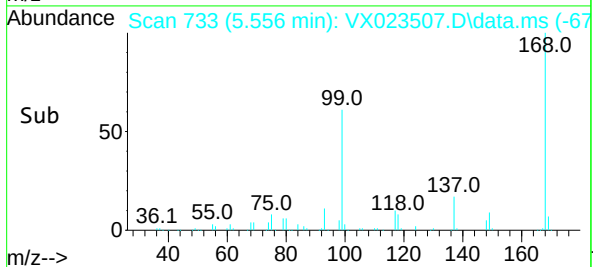
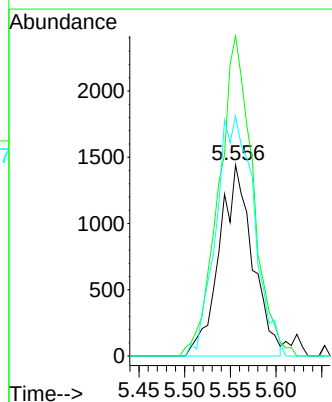
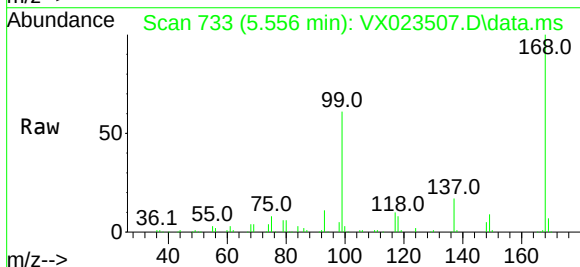
RT: 5.556 min Scan# 733

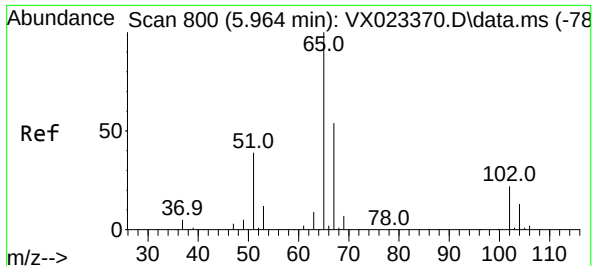
Delta R.T. 0.079 min

Lab File: VX023507.D

Acq: 29 Jul 2021 10:36

Tgt Ion:	56	Resp:	3666
Ion	Ratio	Lower	Upper
56	100		
69	167.5	25.3	37.9#
84	125.5	71.4	107.0#



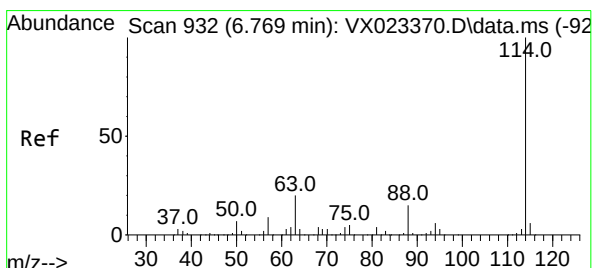
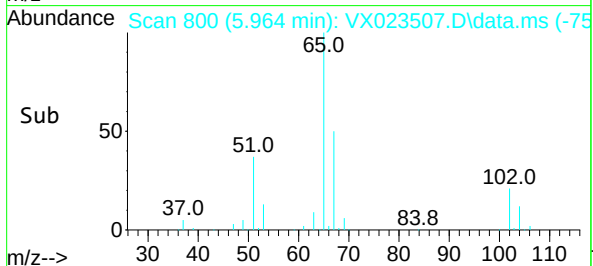
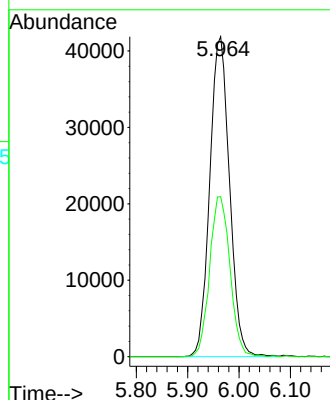
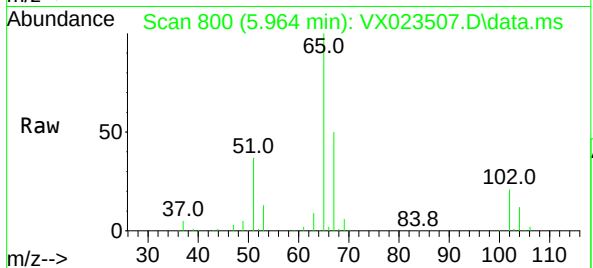


#33

1,2-Dichloroethane-d4
Concen: 52.242 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

Instrument :
MSVOA_X
ClientSampleId :

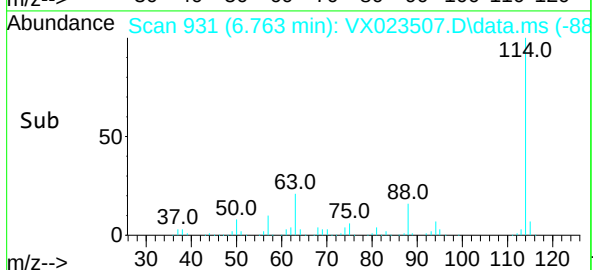
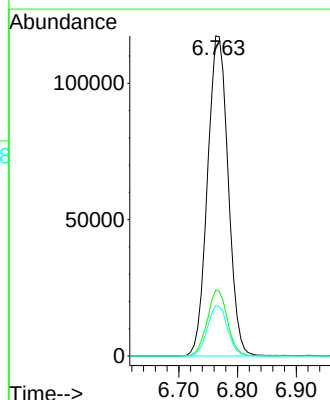
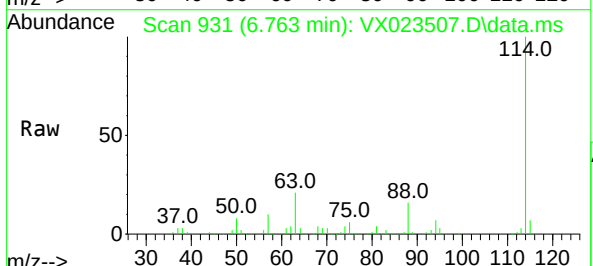
Tgt Ion: 65 Resp: 111708
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

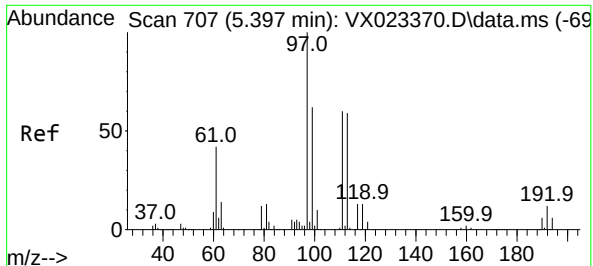


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

Tgt Ion: 114 Resp: 286355
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.856 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX023507.D

Acq: 29 Jul 2021 10:36

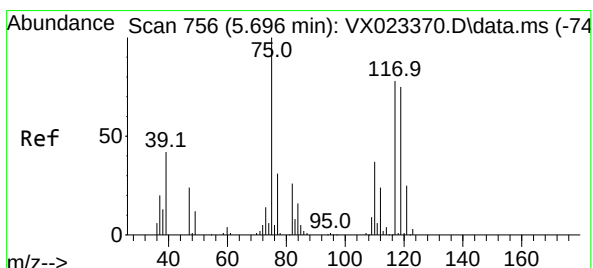
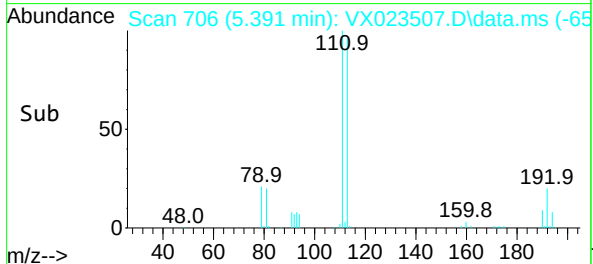
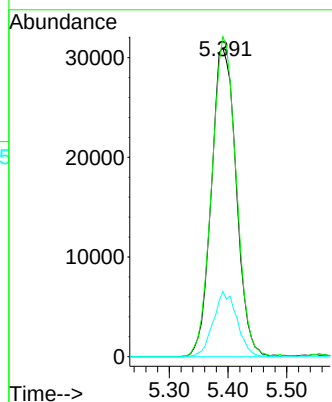
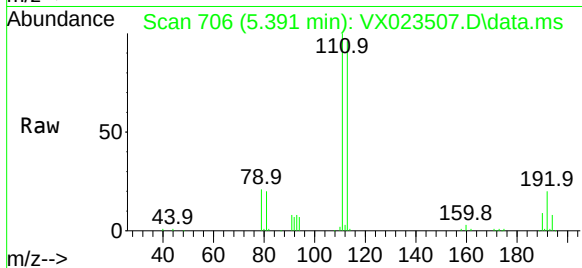
Tgt Ion:113 Resp: 91054

Ion Ratio Lower Upper

113 100

111 101.8 81.9 122.9

192 20.2 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.080 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023507.D

Acq: 29 Jul 2021 10:36

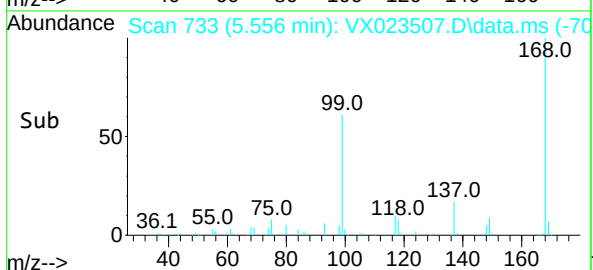
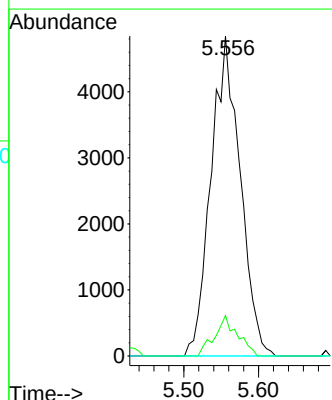
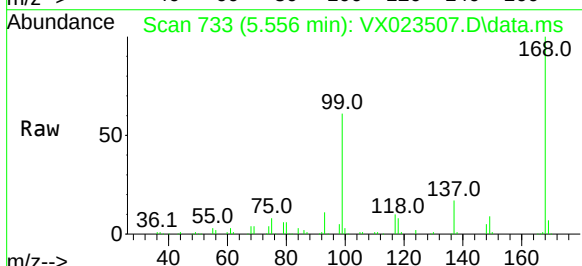
Tgt Ion: 75 Resp: 13158

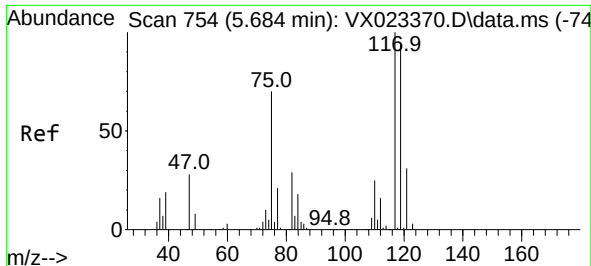
Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.4#

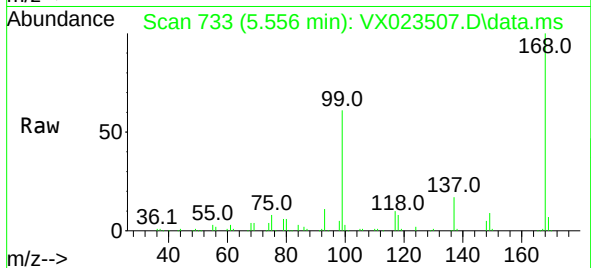
77 0.0 25.3 37.9#



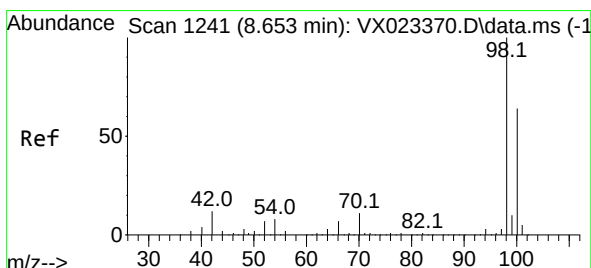
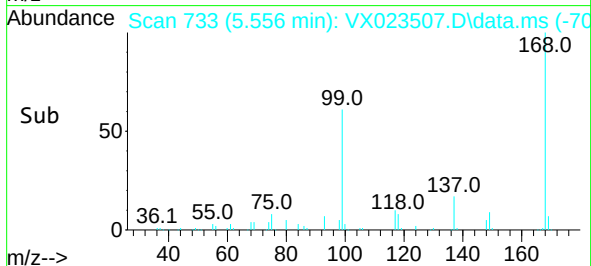
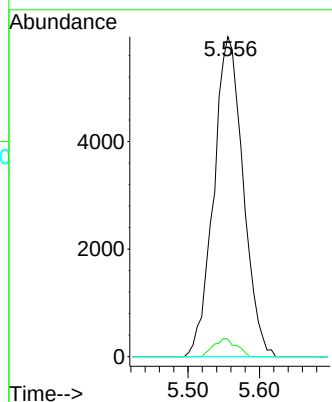


#38
Carbon Tetrachloride
Concen: 6.447 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

Instrument :
MSVOA_X
ClientSampleId :

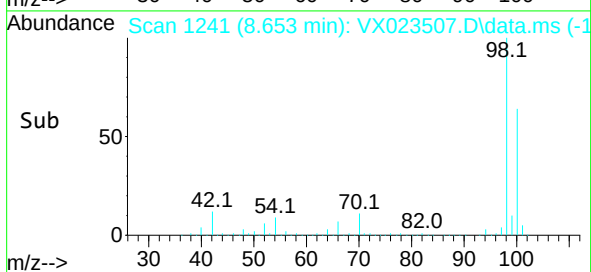
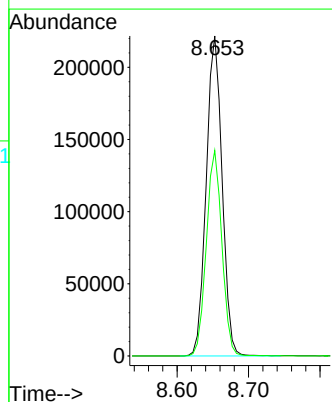
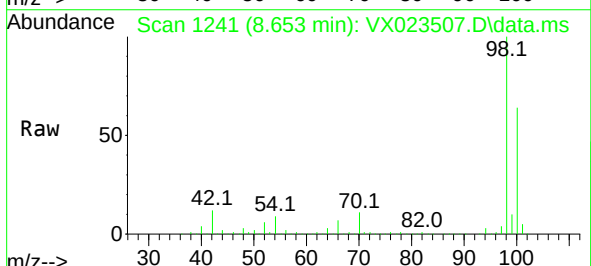


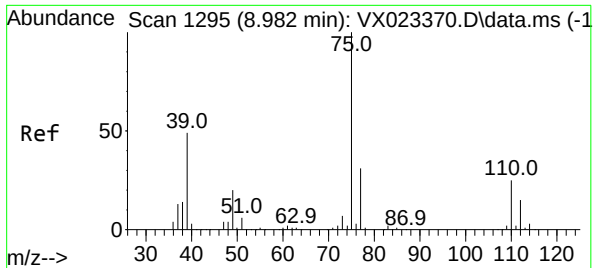
Tgt Ion:117 Resp: 16984
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.041 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

Tgt Ion: 98 Resp: 342328
Ion Ratio Lower Upper
98 100
100 63.0 51.9 77.9

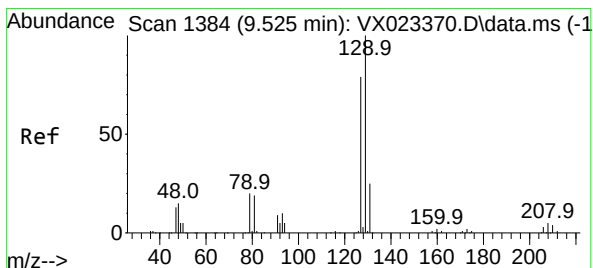
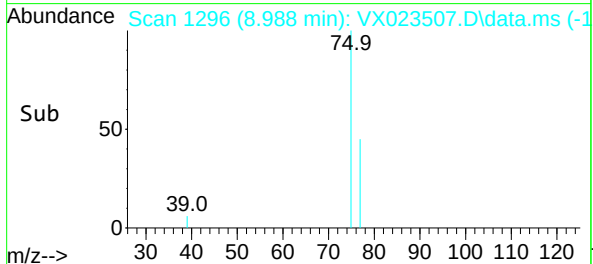
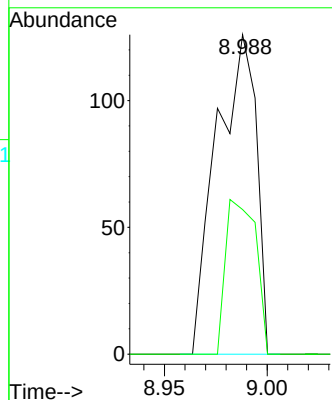
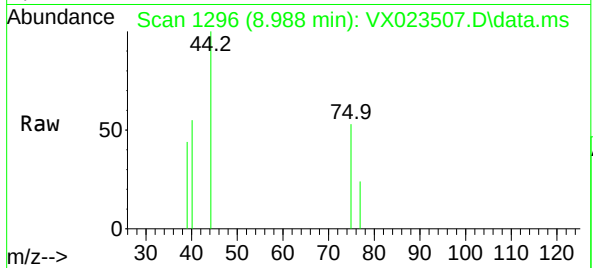




#53
t-1,3-Dichloropropene
Concen: 1.868 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

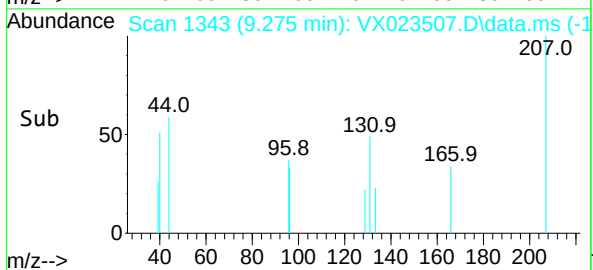
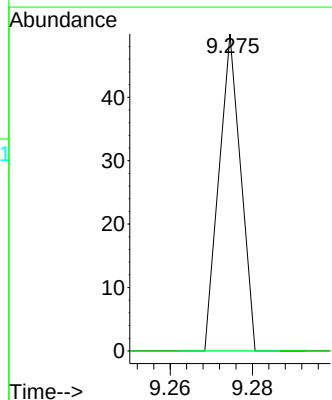
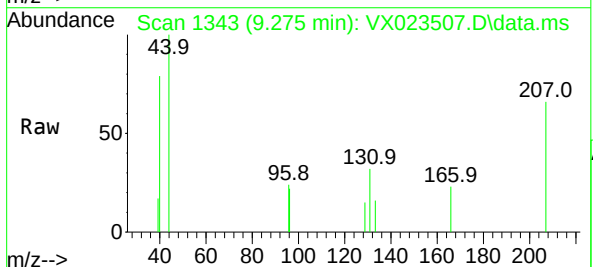
Instrument :
MSVOA_X
ClientSampled :

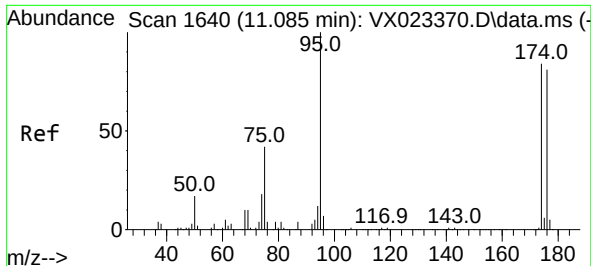
Tgt Ion: 75 Resp: 169
Ion Ratio Lower Upper
75 100
77 45.2 24.9 37.3#



#60
Dibromochloromethane
Concen: 1.991 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

Tgt Ion: 129 Resp: 18
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

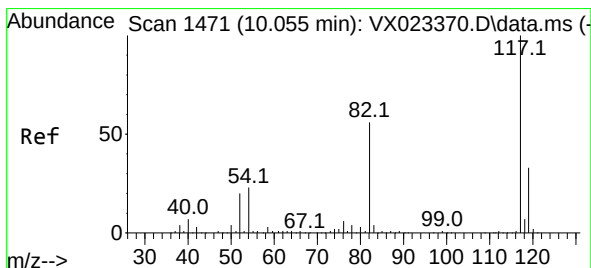
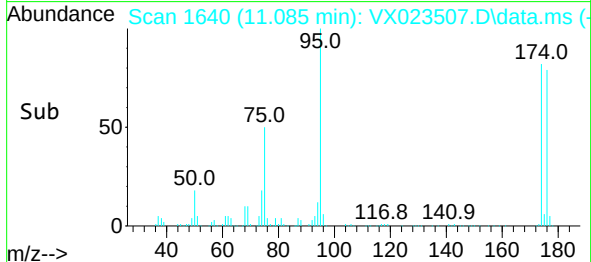
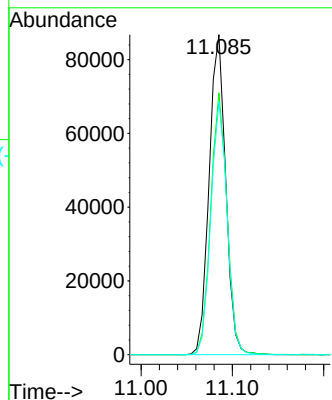
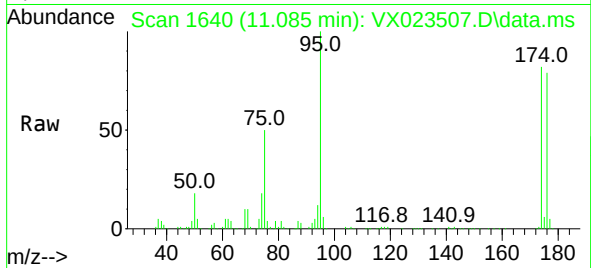




#62
4-Bromofluorobenzene
Concen: 48.692 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

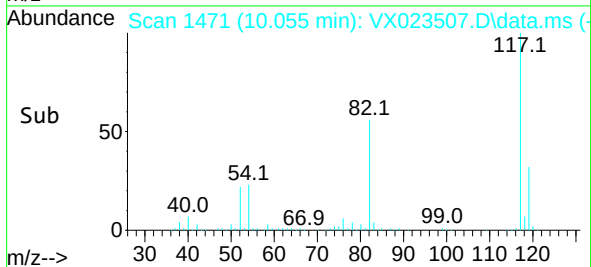
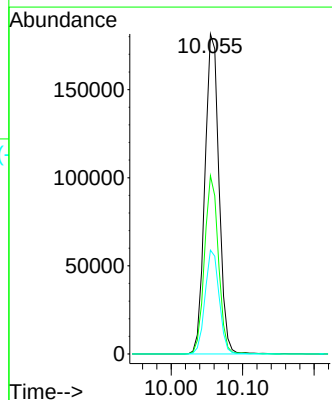
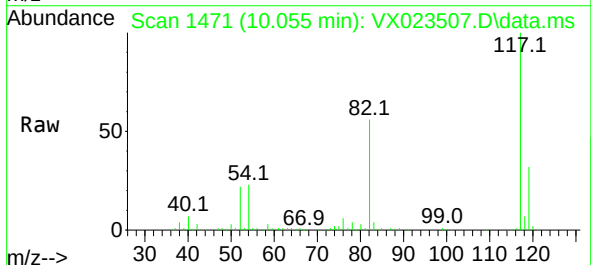
Instrument :
MSVOA_X
ClientSampleId :

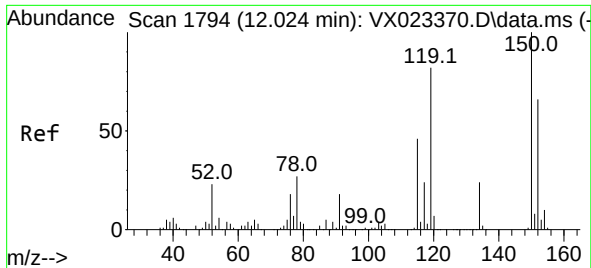
Tgt Ion: 95 Resp: 108915
Ion Ratio Lower Upper
95 100
174 81.0 0.0 154.6
176 77.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

Tgt Ion: 117 Resp: 248706
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 32.4 26.6 39.8

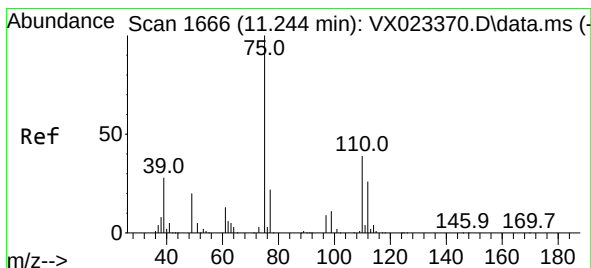
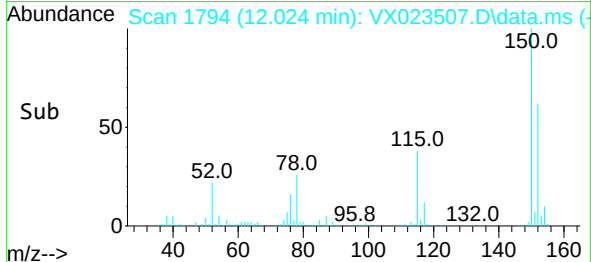
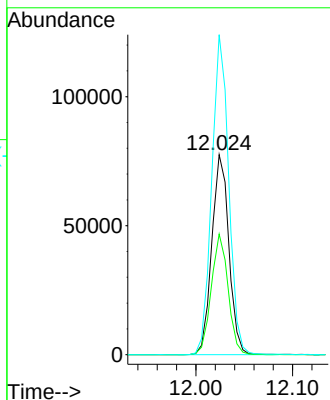
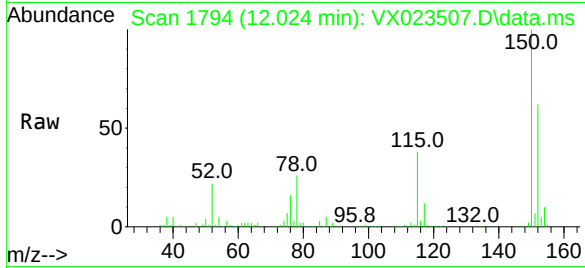




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023507.D
 Acq: 29 Jul 2021 10:36

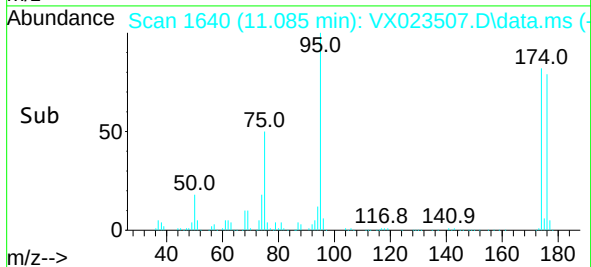
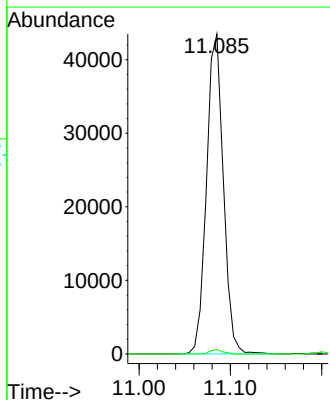
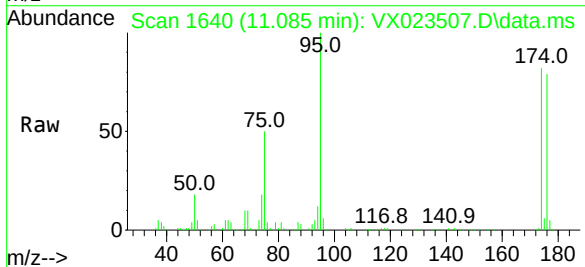
Instrument :
 MSVOA_X
 ClientSampled :

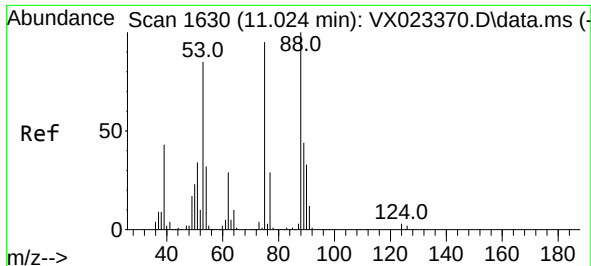
Tgt Ion:152 Resp: 95039
 Ion Ratio Lower Upper
 152 100
 115 59.4 41.1 123.3
 150 158.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.449 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023507.D
 Acq: 29 Jul 2021 10:36

Tgt Ion: 75 Resp: 55315
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

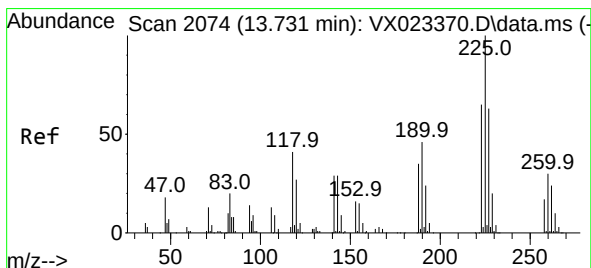
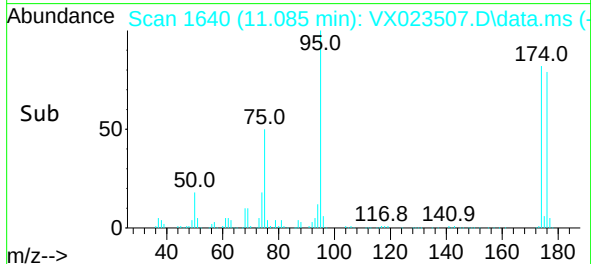
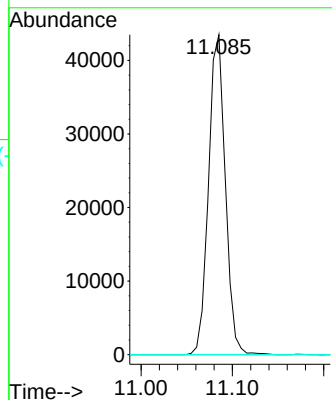
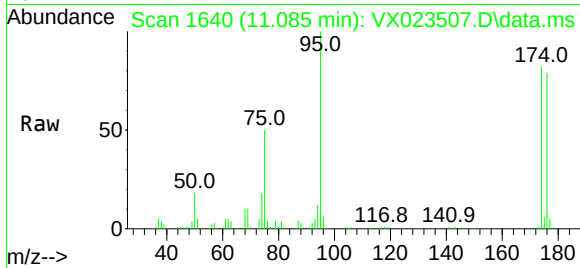




#81
trans-1,4-Dichloro-2-butene
Concen: 71.118 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 55315
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.256 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VX023507.D
Acq: 29 Jul 2021 10:36

Tgt Ion: 225 Resp: 224
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 12.9 31.6 95.0#

