

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
 Data File : VX023187.D
 Acq On : 08 Jul 2021 10:14
 Operator : JC/MD
 Sample : VX0708MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 09 02:08:21 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)

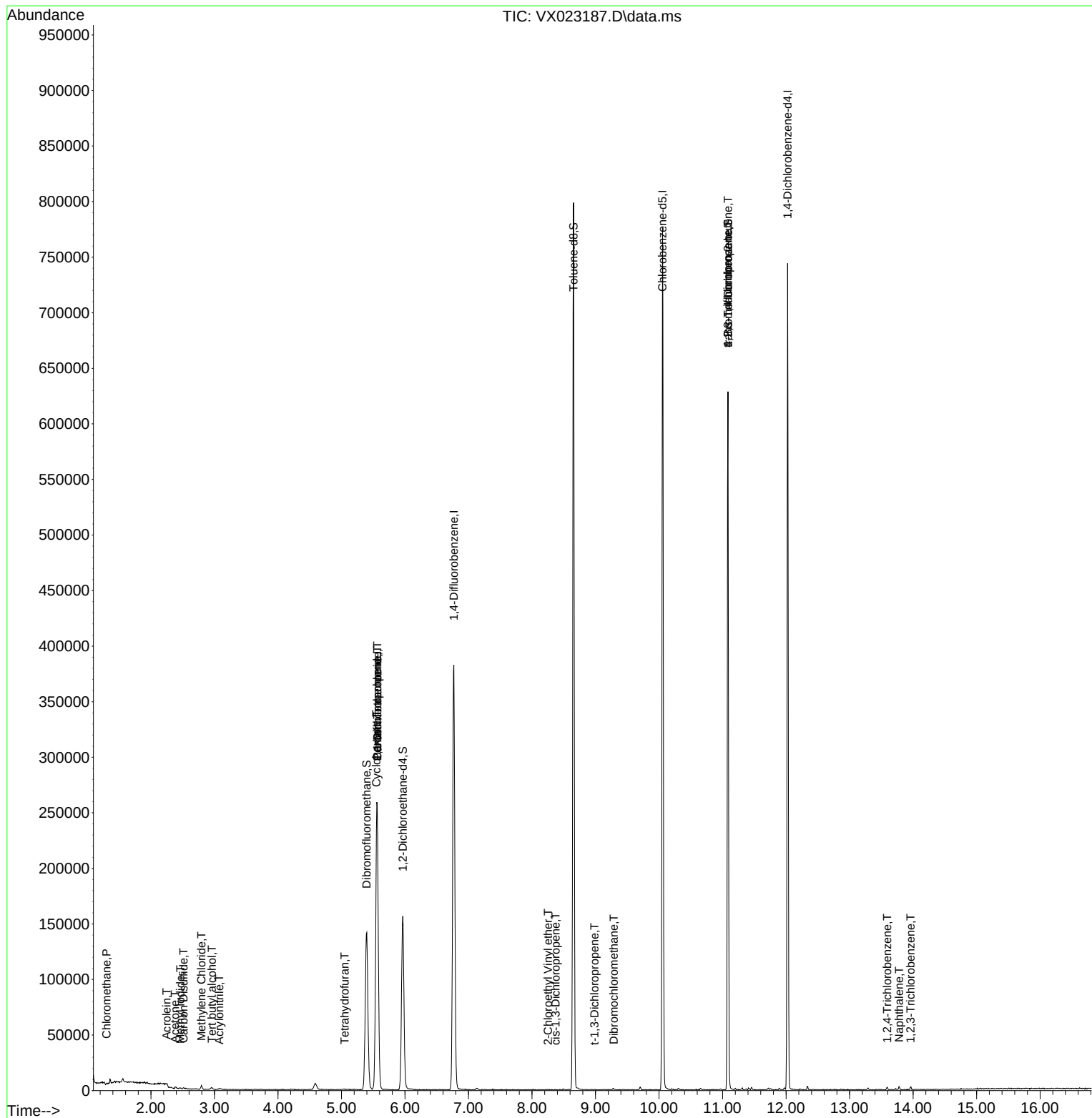
Internal Standards						
1) Pentafluorobenzene	5.562	168	239171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	388416	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	158041	49.166	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.340%
35) Dibromofluoromethane	5.397	113	124093	49.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.940%
50) Toluene-d8	8.653	98	461720	49.349	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.700%
62) 4-Bromofluorobenzene	11.085	95	168200	46.566	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.140%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	464	0.216	ug/l	96
5) Bromomethane	1.611	94	1037	Below Cal	#	58
10) Methyl Iodide	2.465	142	958	0.338	ug/l #	90
11) Tert butyl alcohol	2.959	59	1147	1.696	ug/l #	73
13) Acrolein	2.245	56	347	0.771	ug/l #	78
15) Acrylonitrile	3.075	53	415	0.316	ug/l #	29
16) Acetone	2.380	43	1699	1.336	ug/l #	81
17) Carbon Disulfide	2.514	76	1311	0.292	ug/l #	93
20) Methylene Chloride	2.794	84	1244	0.454	ug/l #	88
29) Tetrahydrofuran	5.050	42	565	0.458	ug/l #	41
31) Cyclohexane	5.550	56	5113	1.328	ug/l #	29
36) 1,1-Dichloropropene	5.562	75	18467	5.333	ug/l #	50
38) Carbon Tetrachloride	5.562	117	25264	6.990	ug/l #	17
53) t-1,3-Dichloropropene	8.982	75	148	2.769	ug/l #	44
54) cis-1,3-Dichloropropene	8.372	75	20	2.177	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.250	63	126	4.744	ug/l #	45
60) Dibromochloromethane	9.287	129	104	3.145	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	85546	28.812	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	85546	77.550	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	656	0.220	ug/l #	78
95) Naphthalene	13.780	128	1794	1.434	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	637	0.212	ug/l	98

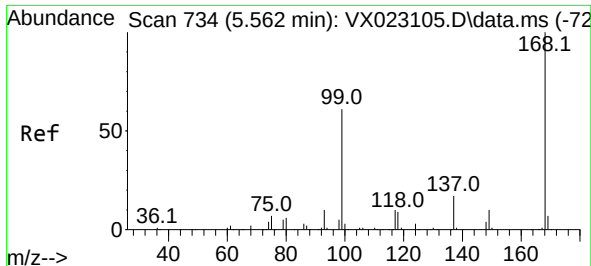
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
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Acq On : 08 Jul 2021 10:14
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Sample : VX0708MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jul 09 02:08:21 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

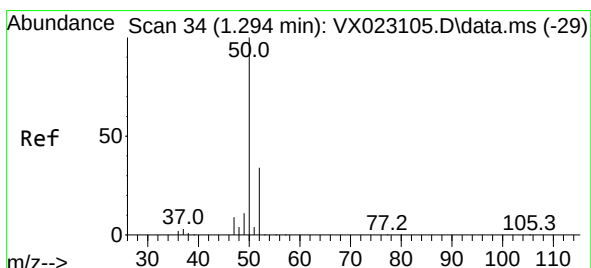
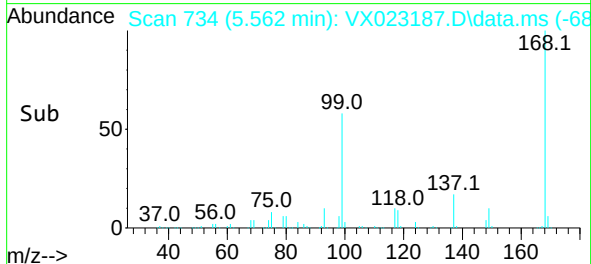
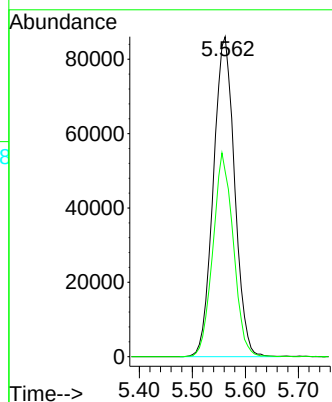
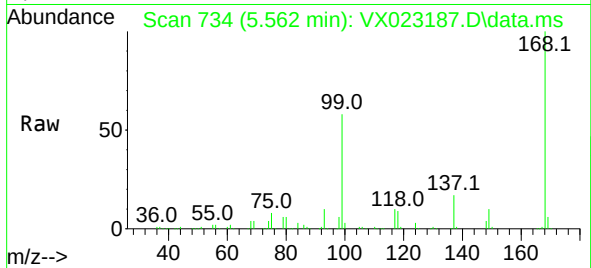




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

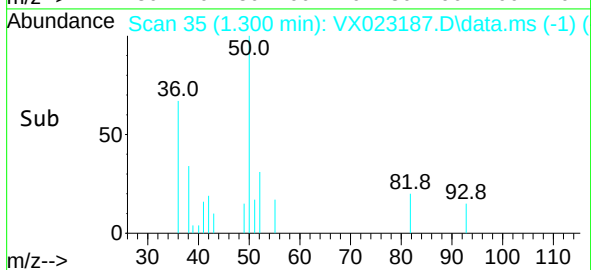
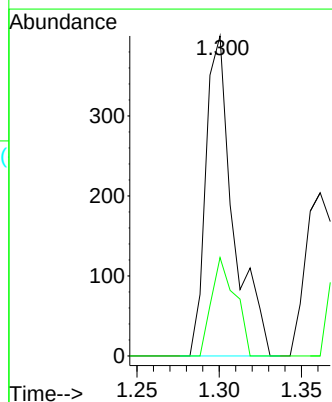
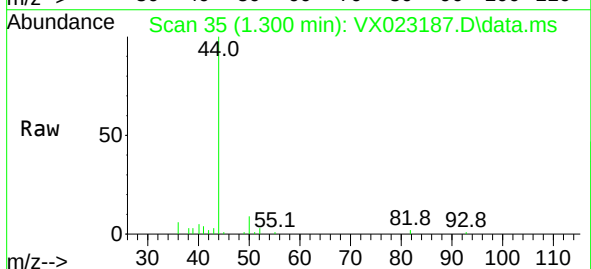
Instrument :
MSVOA_X
ClientSampleId :

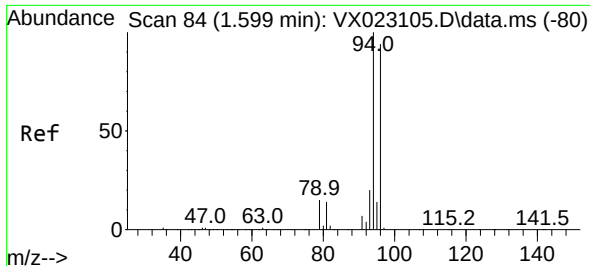
Tgt Ion:168 Resp: 239171
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#3
Chloromethane
Concen: 0.216 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

Tgt Ion: 50 Resp: 464
Ion Ratio Lower Upper
50 100
52 30.7 26.4 39.6

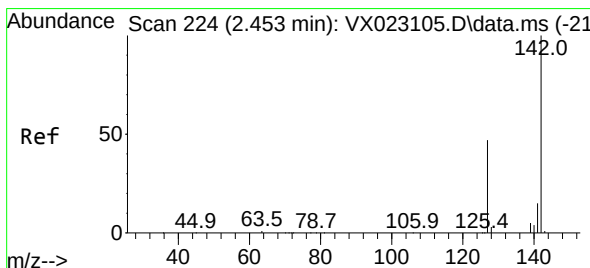
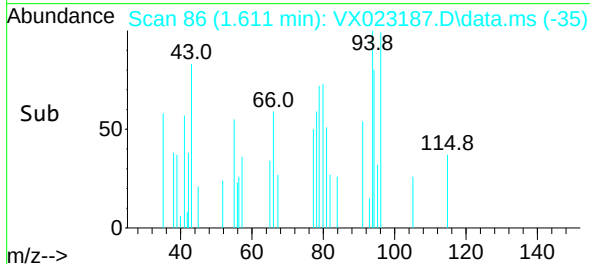
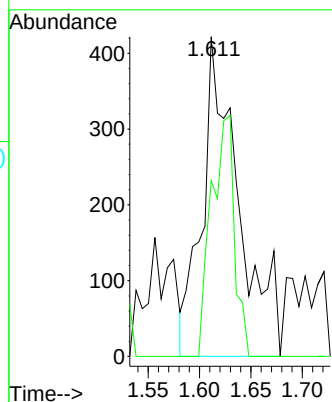
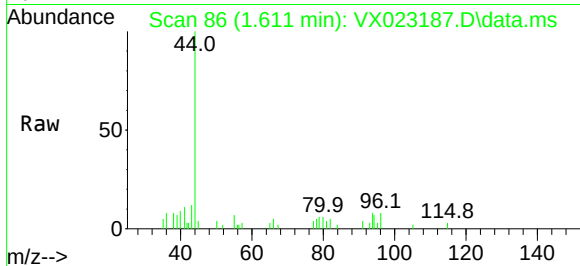




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

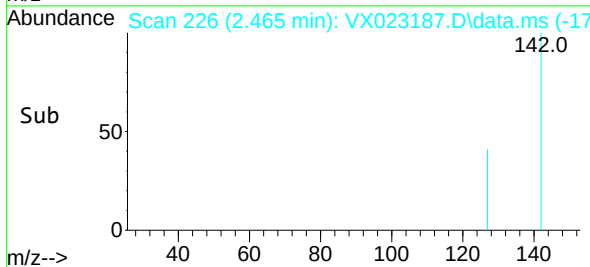
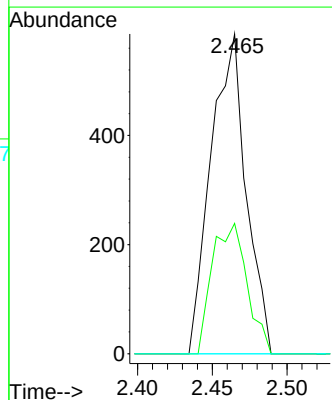
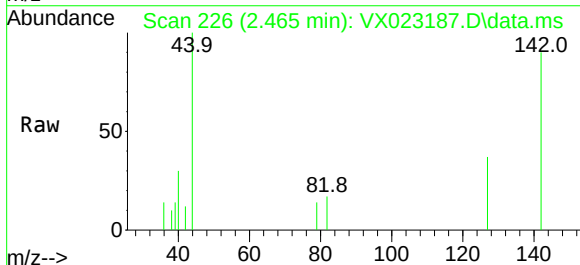
Instrument :
MSVOA_X
ClientSampled :

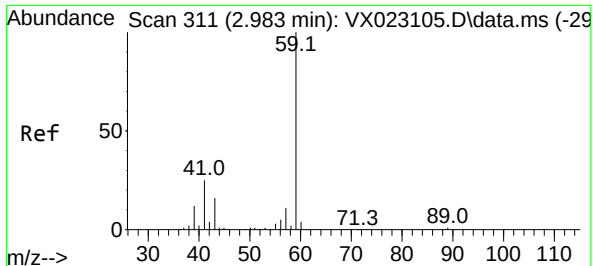
Tgt Ion: 94 Resp: 1037
Ion Ratio Lower Upper
94 100
96 55.0 76.4 114.6#



#10
Methyl Iodide
Concen: 0.338 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

Tgt Ion: 142 Resp: 958
Ion Ratio Lower Upper
142 100
127 40.3 33.3 49.9
141 0.0 11.4 17.0#

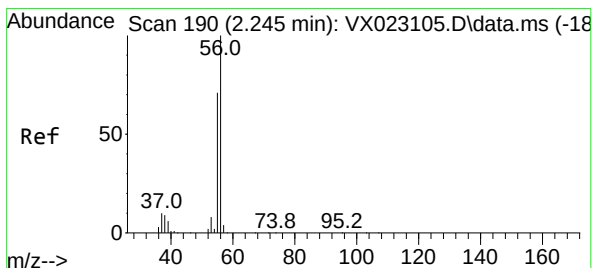
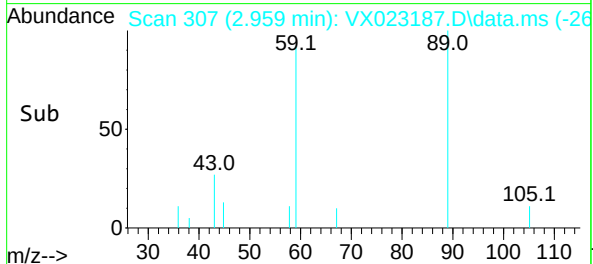
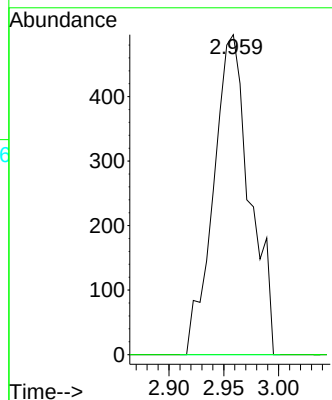
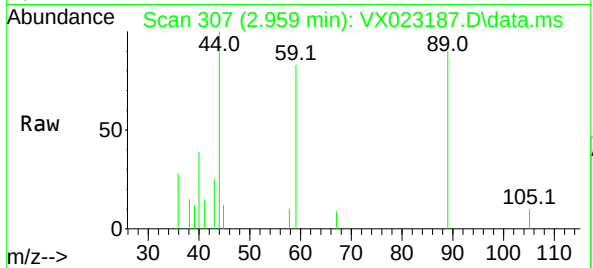




#11
Tert butyl alcohol
Concen: 1.696 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

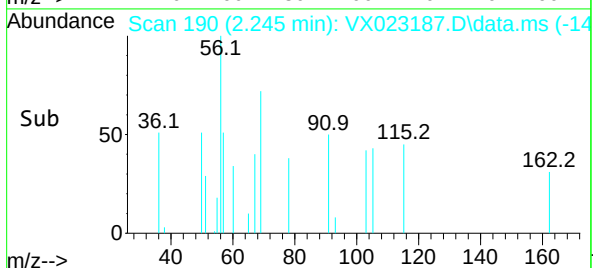
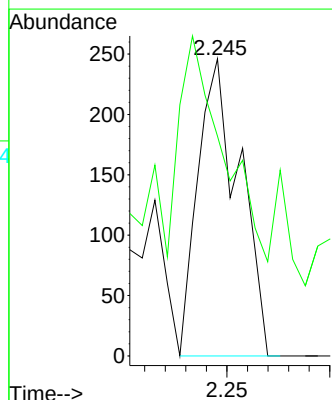
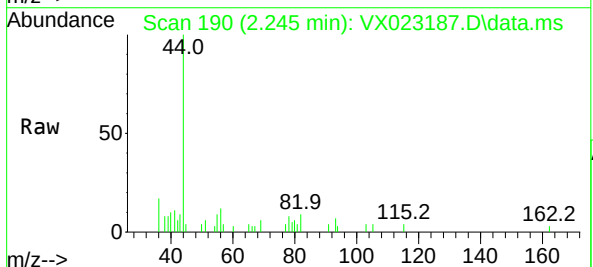
Instrument :
MSVOA_X
ClientSampled :

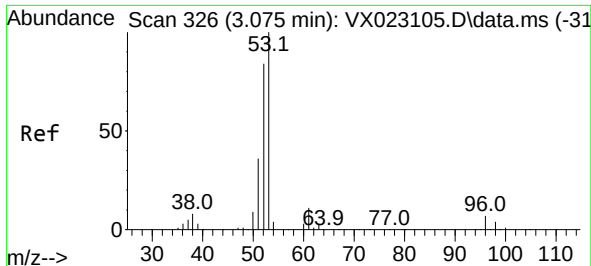
Tgt Ion: 59 Resp: 1147
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.771 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.000 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

Tgt Ion: 56 Resp: 347
Ion Ratio Lower Upper
56 100
55 88.8 56.4 84.6#

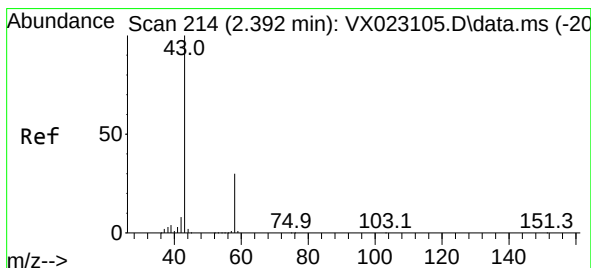
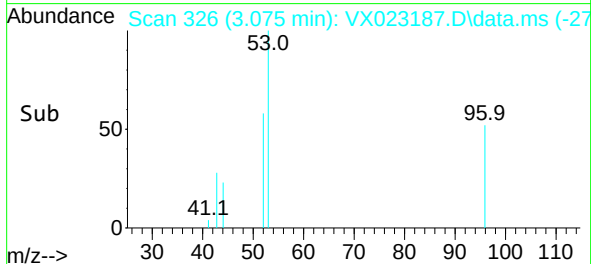
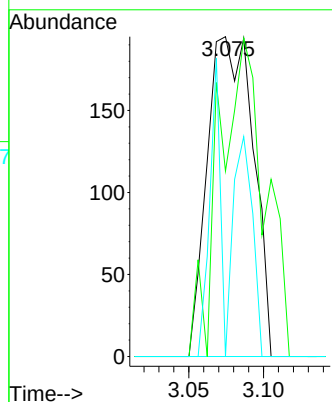
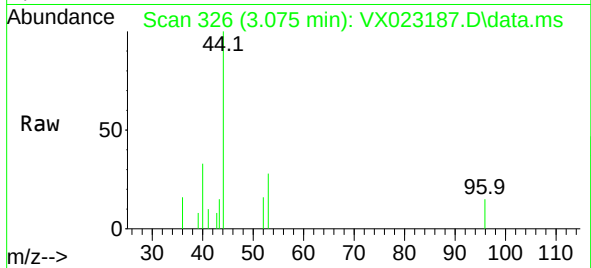




#15
Acrylonitrile
Concen: 0.316 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

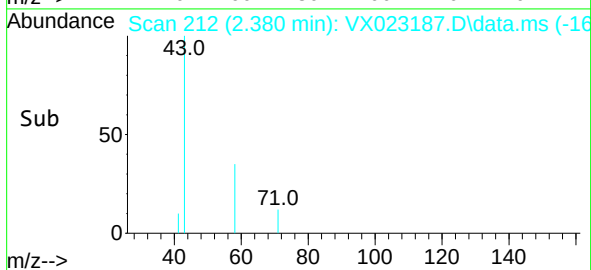
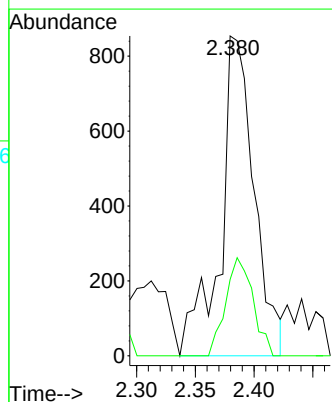
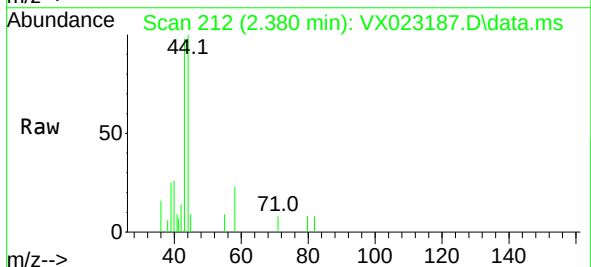
Instrument :
MSVOA_X
ClientSampled :

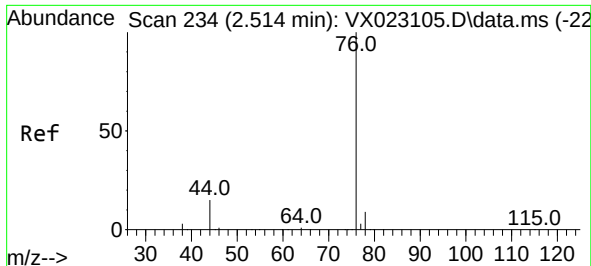
Tgt Ion: 53 Resp: 415
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 21.4 28.2 42.2#



#16
Acetone
Concen: 1.336 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

Tgt Ion: 43 Resp: 1699
Ion Ratio Lower Upper
43 100
58 23.9 27.8 41.8#

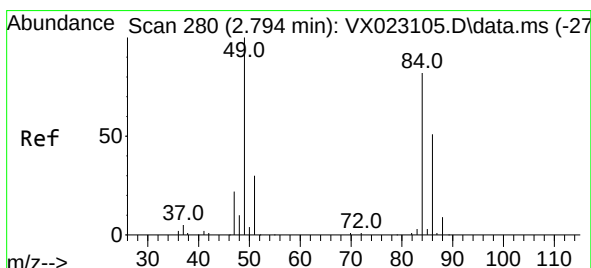
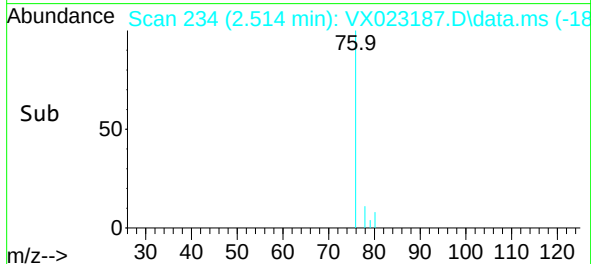
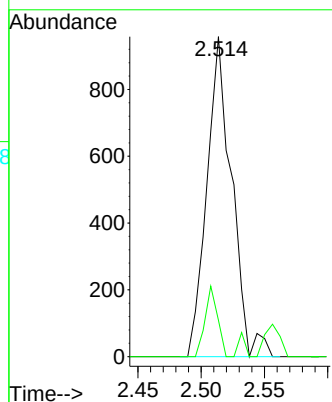
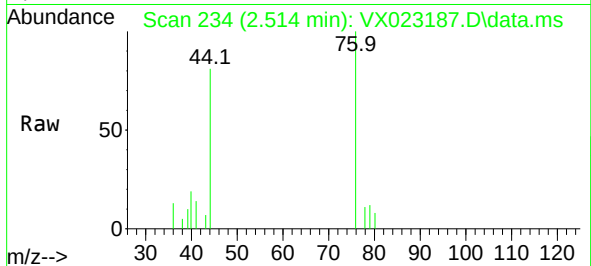




#17
Carbon Disulfide
Concen: 0.292 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

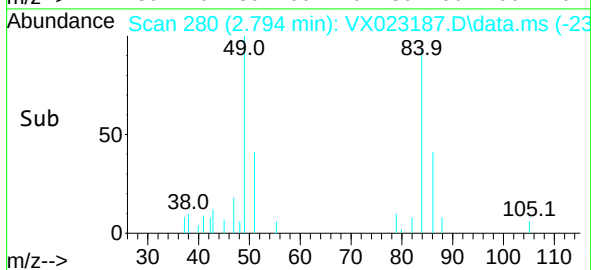
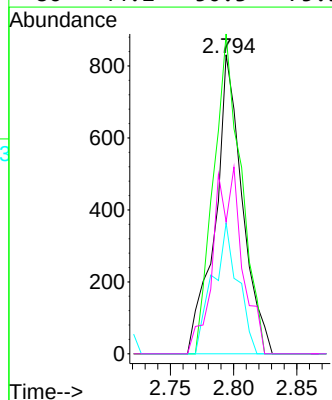
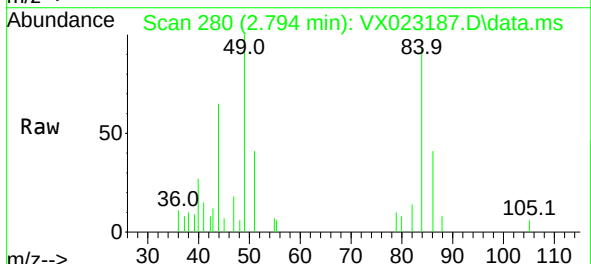
Instrument :
MSVOA_X
ClientSampled :

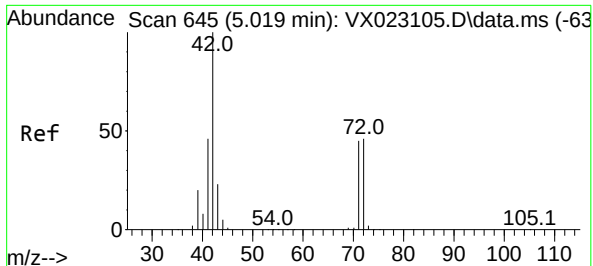
Tgt Ion: 76 Resp: 1311
Ion Ratio Lower Upper
76 100
78 11.4 7.2 10.8#



#20
Methylene Chloride
Concen: 0.454 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

Tgt Ion: 84 Resp: 1244
Ion Ratio Lower Upper
84 100
49 107.0 88.6 132.8
51 43.8 27.0 40.6#
86 44.2 50.3 75.5#





#29

Tetrahydrofuran

Concen: 0.458 ug/l

RT: 5.050 min Scan# 650

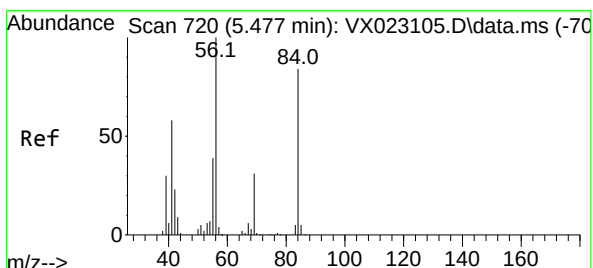
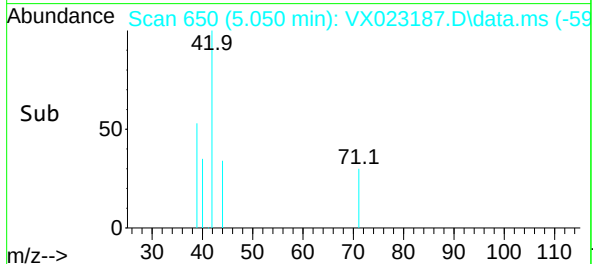
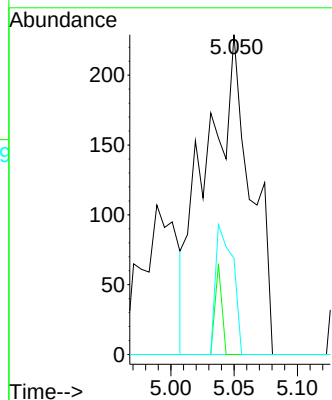
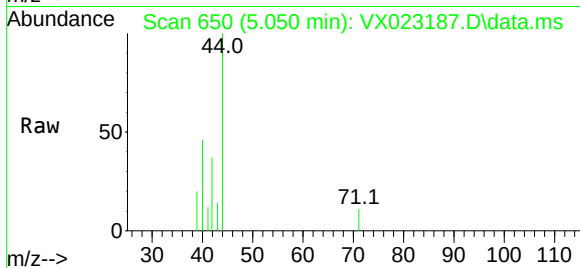
Delta R.T. 0.031 min

Lab File: VX023187.D

Acq: 08 Jul 2021 10:14

Tgt Ion:	42	Resp:	565
Ion	Ratio	Lower	Upper
42	100		
72	4.2	41.7	62.5#
71	15.4	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.328 ug/l

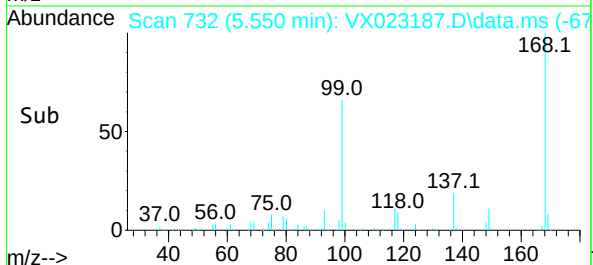
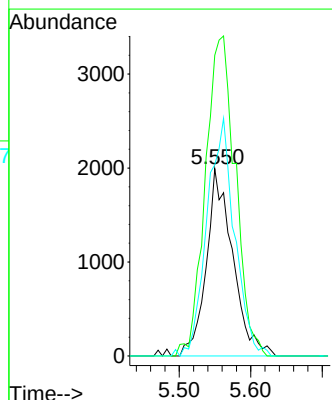
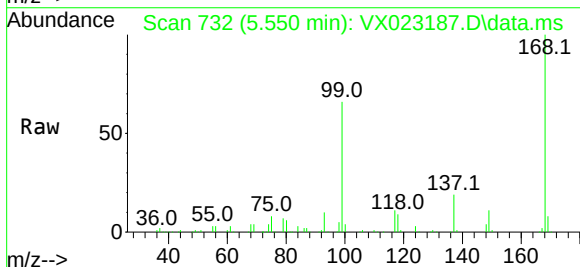
RT: 5.550 min Scan# 732

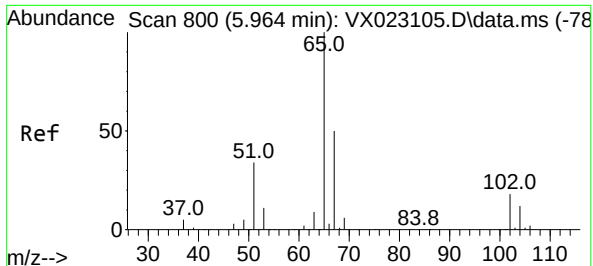
Delta R.T. 0.073 min

Lab File: VX023187.D

Acq: 08 Jul 2021 10:14

Tgt Ion:	56	Resp:	5113
Ion	Ratio	Lower	Upper
56	100		
69	160.4	25.3	37.9#
84	102.0	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 49.166 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023187.D

Acq: 08 Jul 2021 10:14

Tgt Ion: 65 Resp: 158041

Ion Ratio Lower Upper

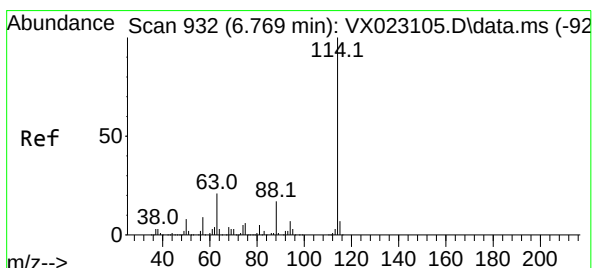
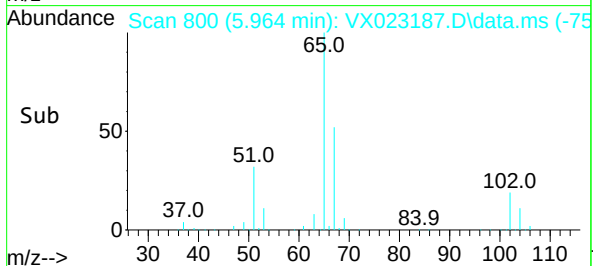
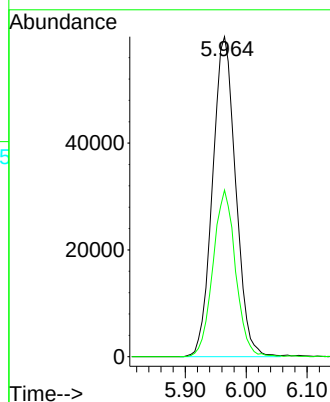
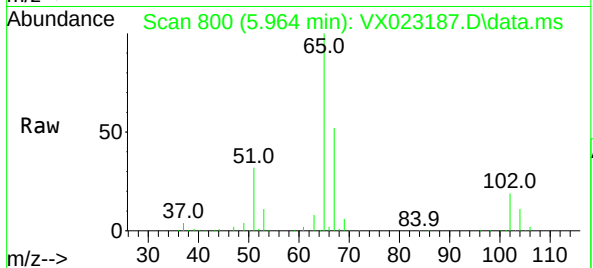
65 100

67 50.9 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX023187.D

Acq: 08 Jul 2021 10:14

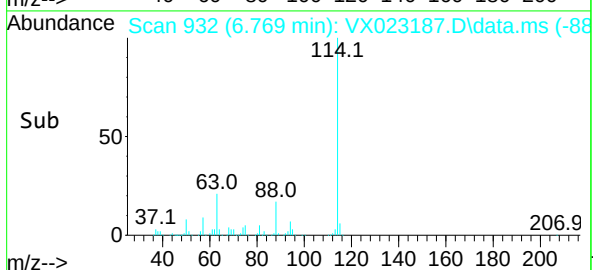
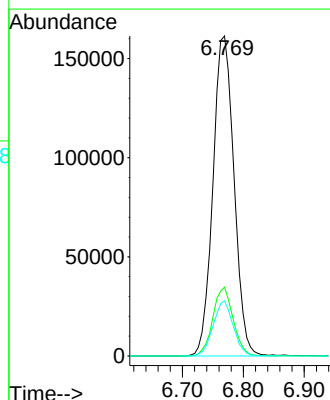
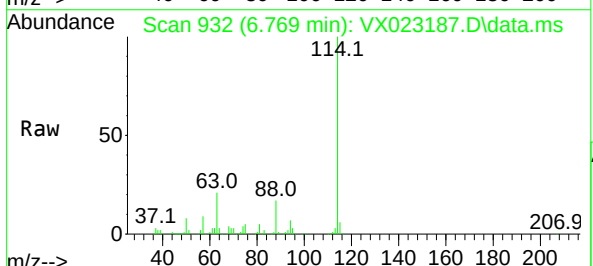
Tgt Ion:114 Resp: 388416

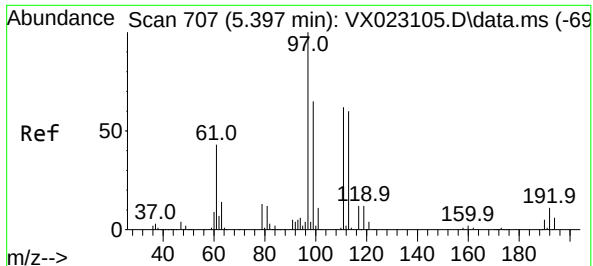
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

88 17.2 0.0 32.8

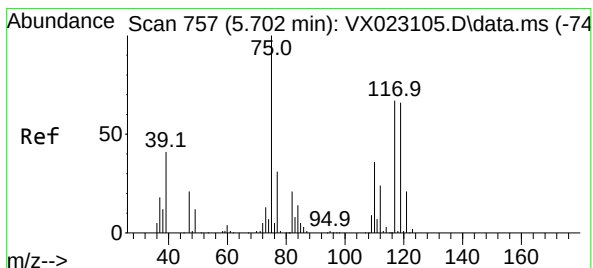
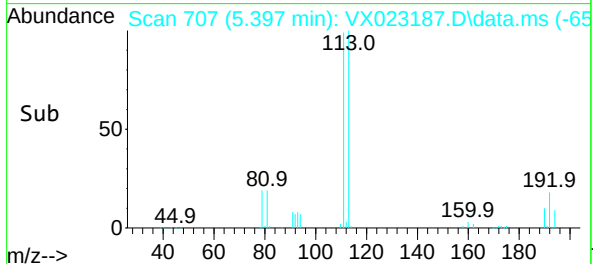
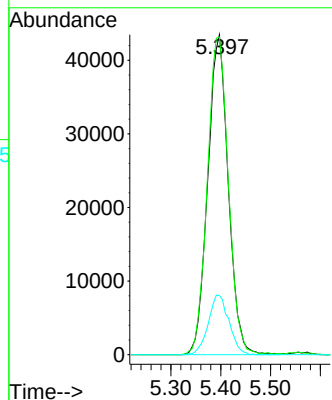
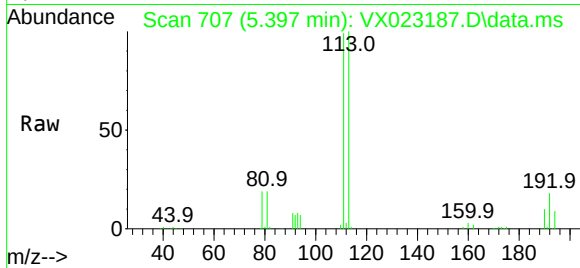




#35
Dibromofluoromethane
Concen: 49.474 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

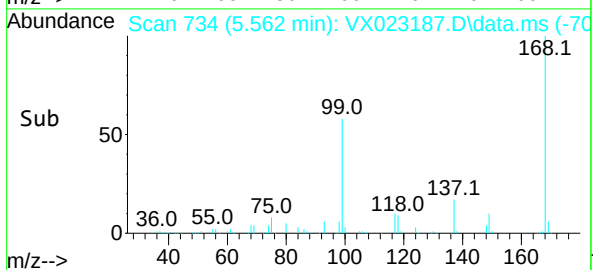
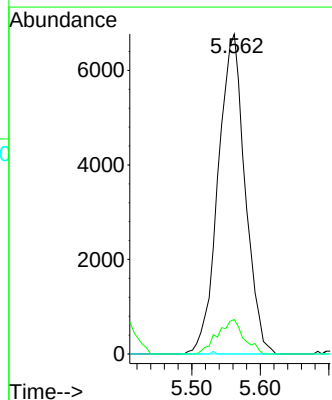
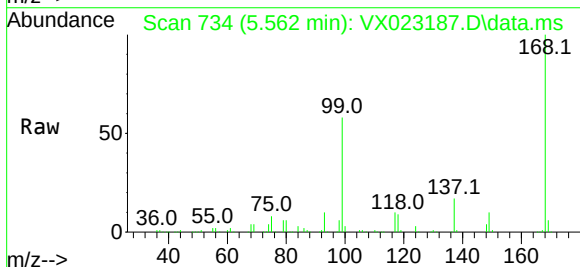
Instrument :
MSVOA_X
ClientSampled :

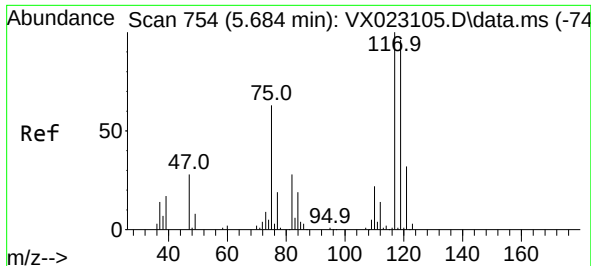
Tgt Ion:113 Resp: 124093
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 18.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.333 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

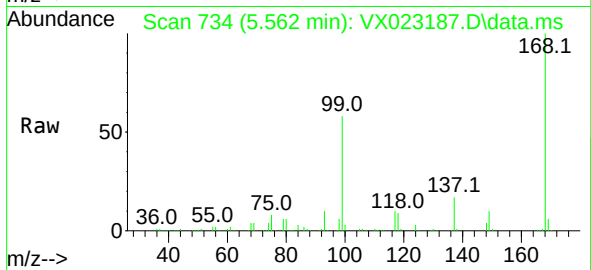
Tgt Ion: 75 Resp: 18467
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#



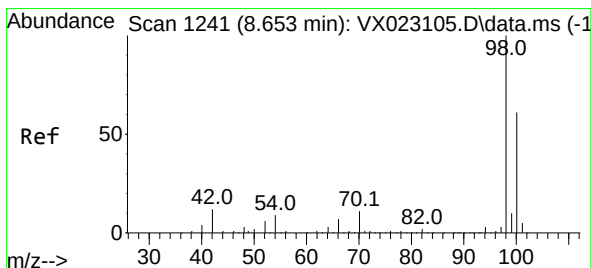
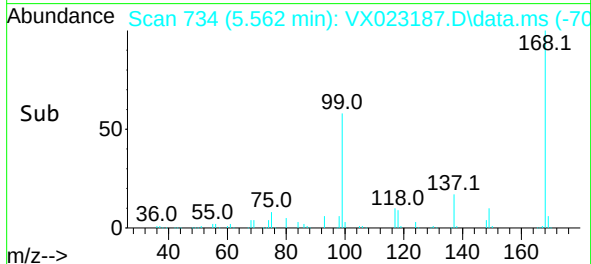
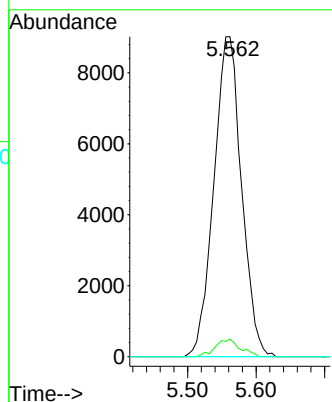


#38
Carbon Tetrachloride
Concen: 6.990 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

Instrument :
MSVOA_X
ClientSampled :

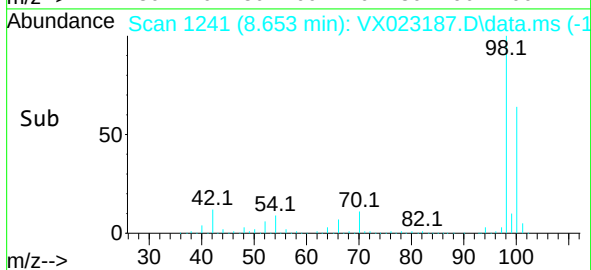
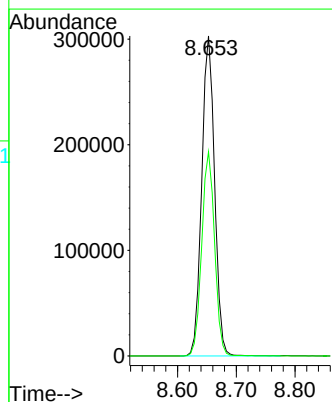
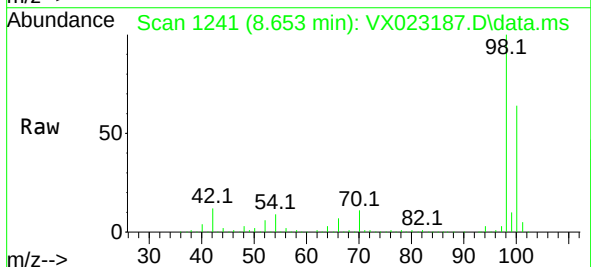


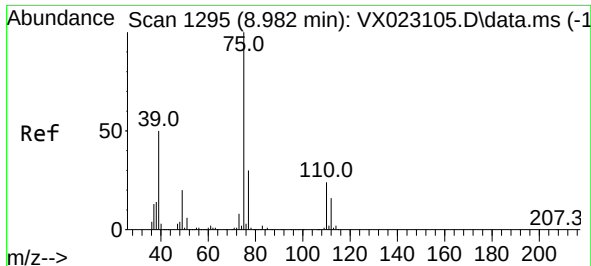
Tgt Ion:117 Resp: 25264
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.349 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

Tgt Ion: 98 Resp: 461720
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

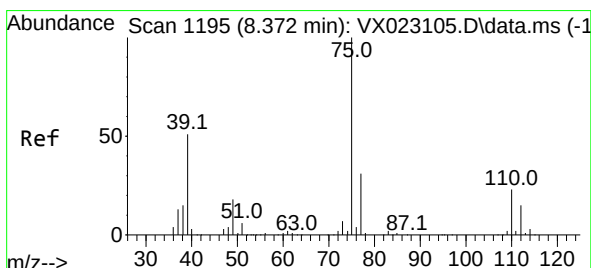
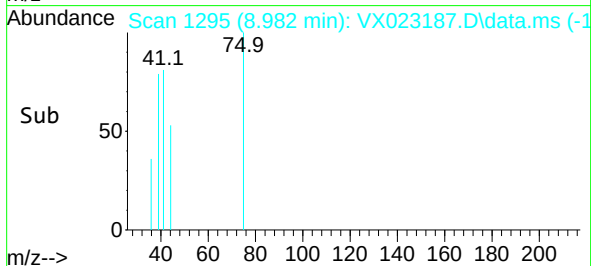
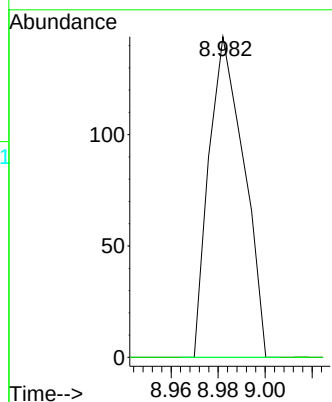
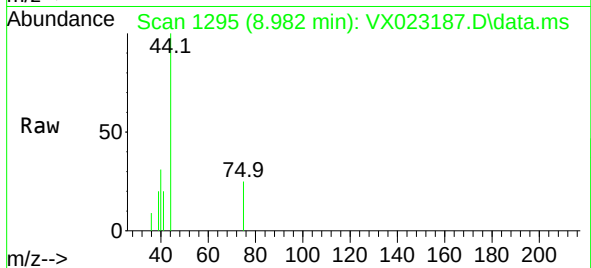




#53
t-1,3-Dichloropropene
Concen: 2.769 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

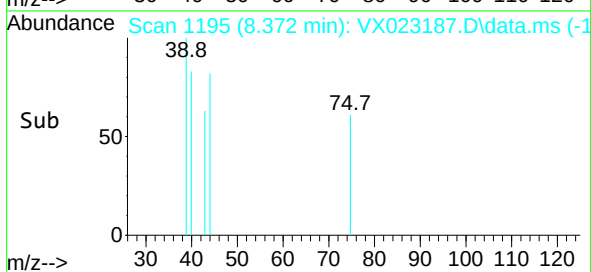
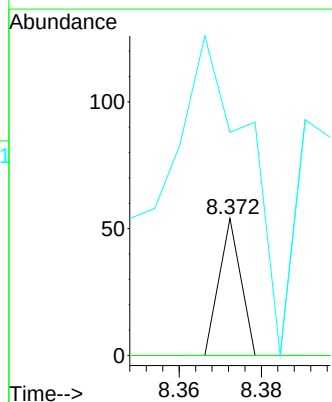
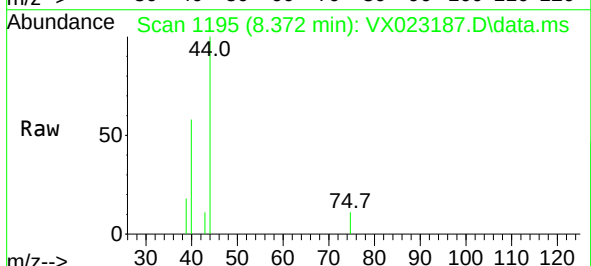
Instrument :
MSVOA_X
ClientSampled :

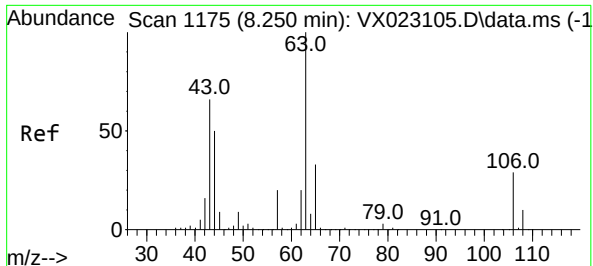
Tgt Ion: 75 Resp: 148
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 2.177 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 163.0 35.1 52.7#

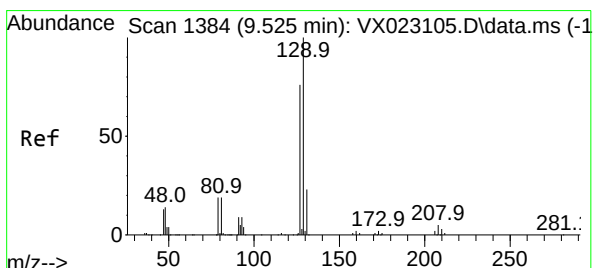
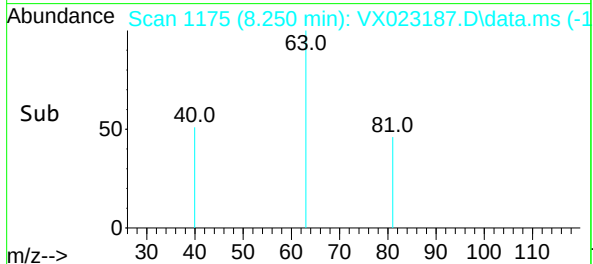
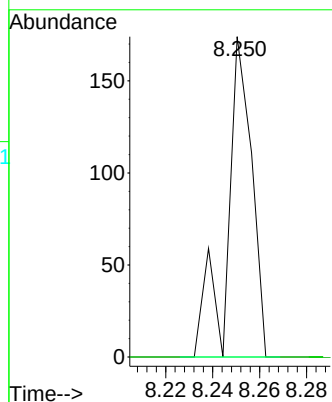
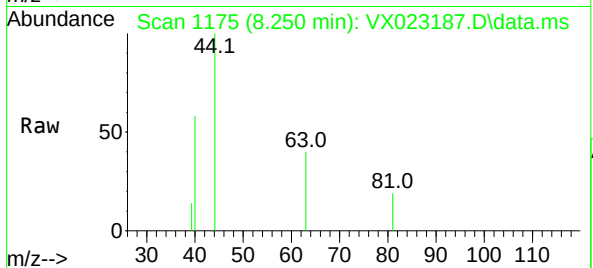




#58
2-Chloroethyl Vinyl ether
Concen: 4.744 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

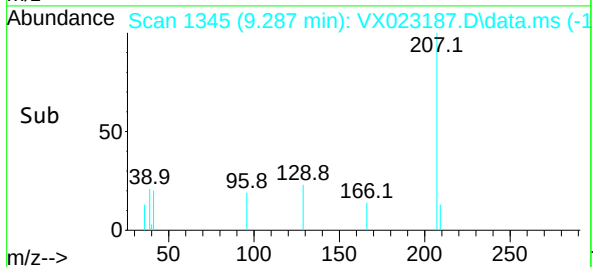
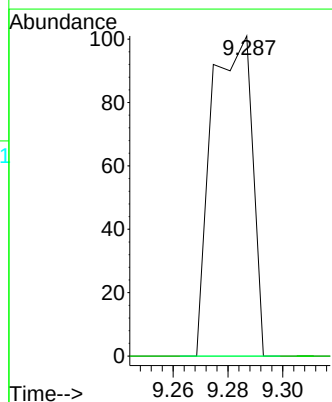
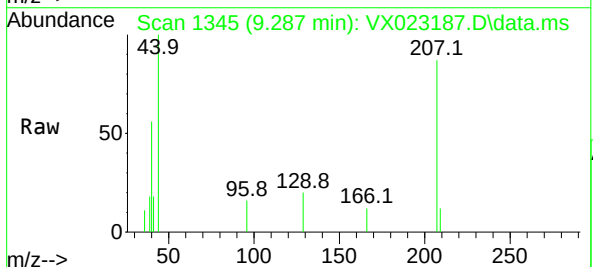
Instrument :
MSVOA_X
ClientSampleId :

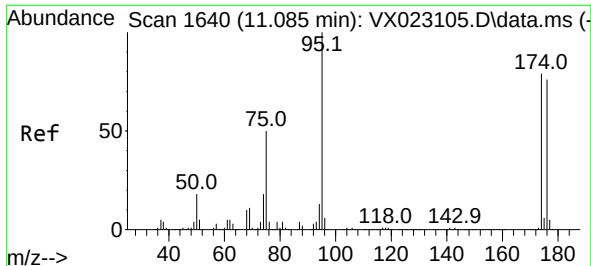
Tgt Ion: 63 Resp: 126
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#



#60
Dibromochloromethane
Concen: 3.145 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.238 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

Tgt Ion: 129 Resp: 104
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

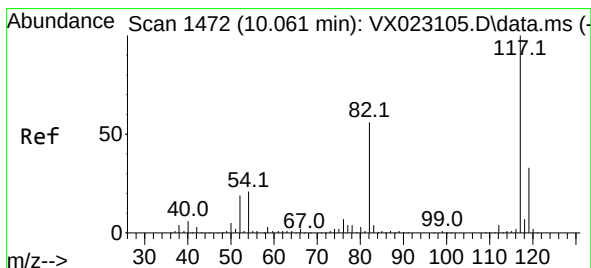
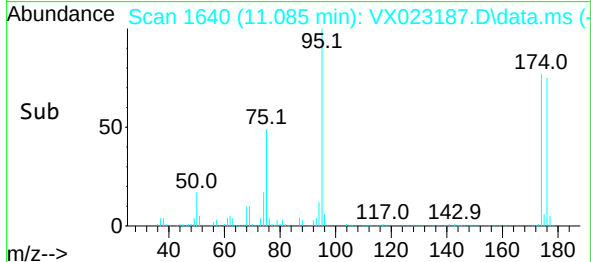
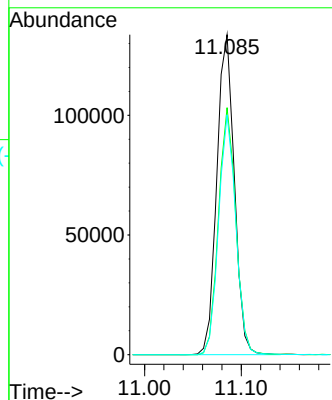
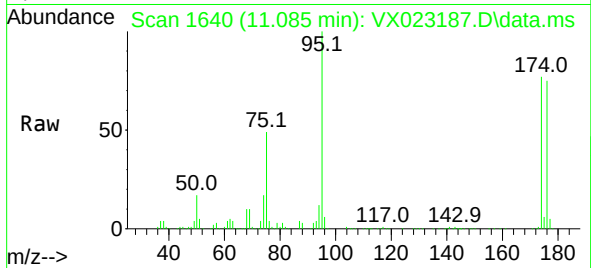




#62
4-Bromofluorobenzene
Concen: 46.566 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

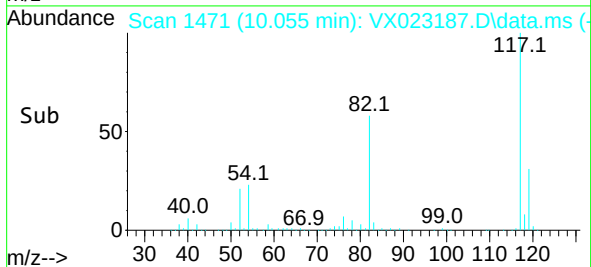
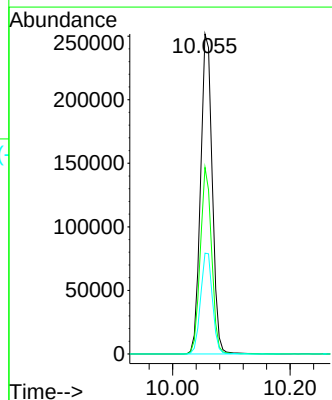
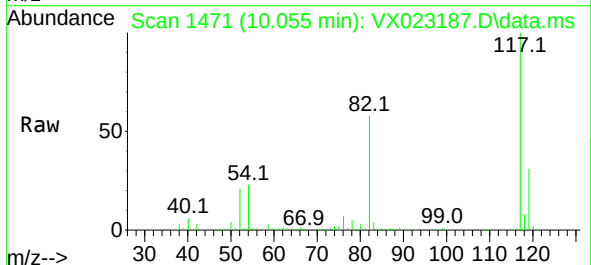
Instrument :
MSVOA_X
ClientSampleId :

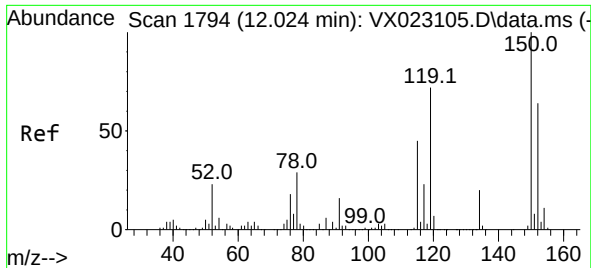
Tgt Ion: 95 Resp: 168200
Ion Ratio Lower Upper
95 100
174 76.2 0.0 154.6
176 73.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

Tgt Ion: 117 Resp: 346837
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.5 26.6 39.8

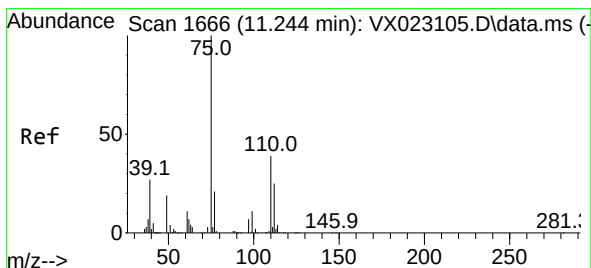
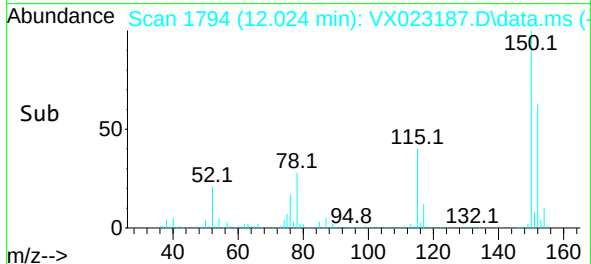
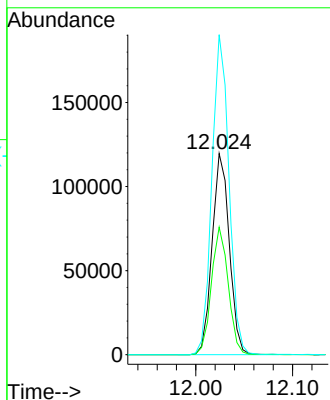
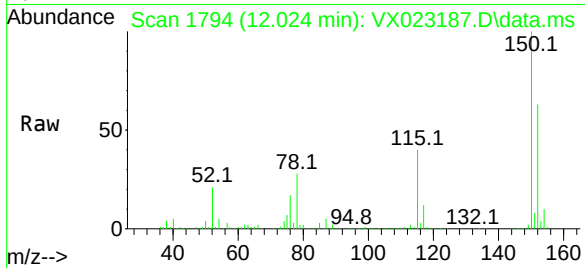




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023187.D
 Acq: 08 Jul 2021 10:14

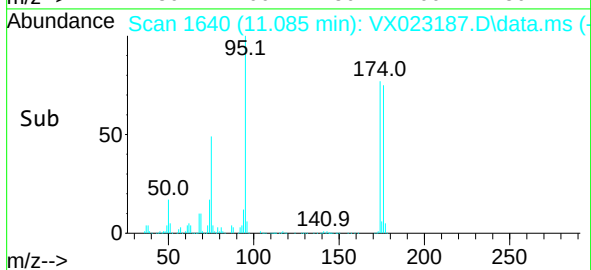
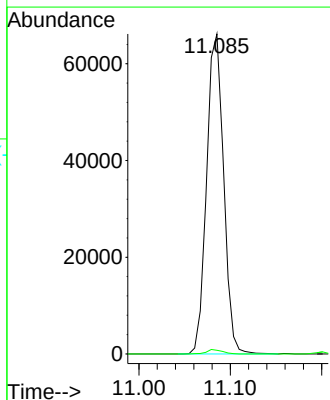
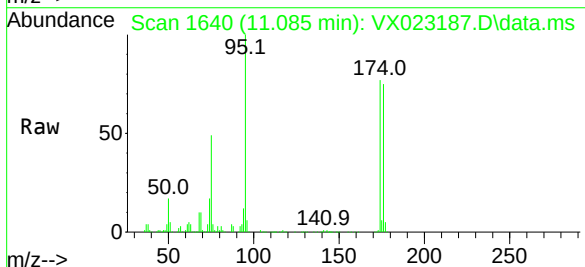
Instrument :
 MSVOA_X
 ClientSampleId :

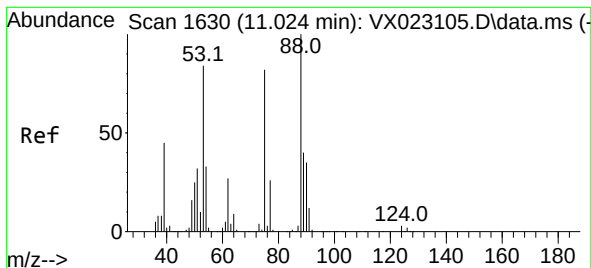
Tgt Ion:152 Resp: 147545
 Ion Ratio Lower Upper
 152 100
 115 62.2 41.1 123.3
 150 157.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.812 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023187.D
 Acq: 08 Jul 2021 10:14

Tgt Ion: 75 Resp: 85546
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

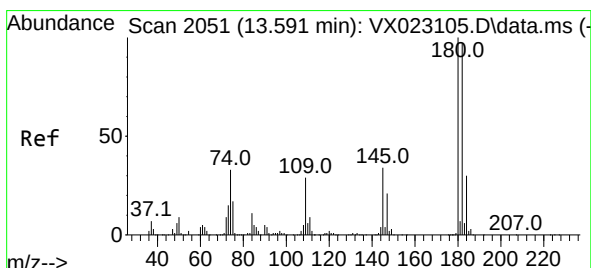
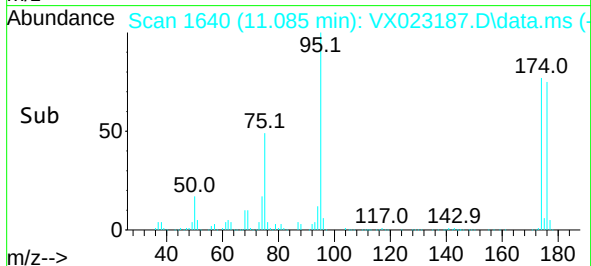
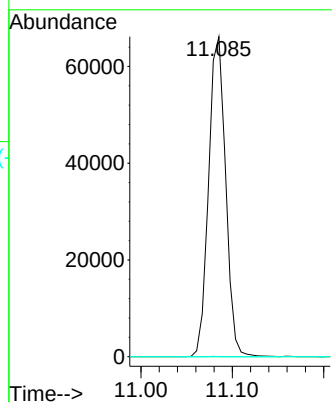
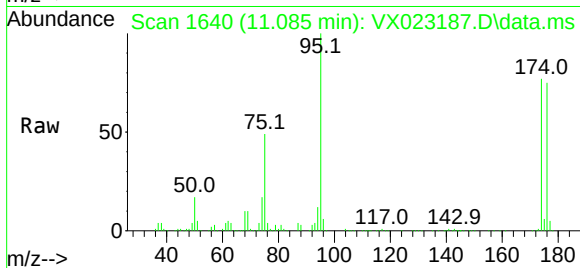




#81
trans-1,4-Dichloro-2-butene
Concen: 77.550 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

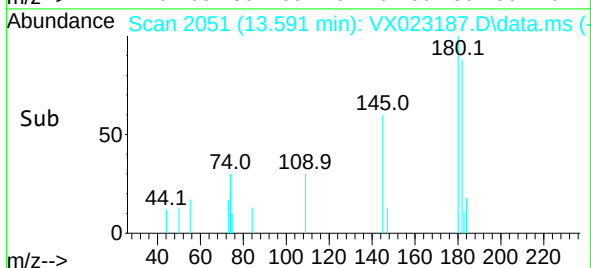
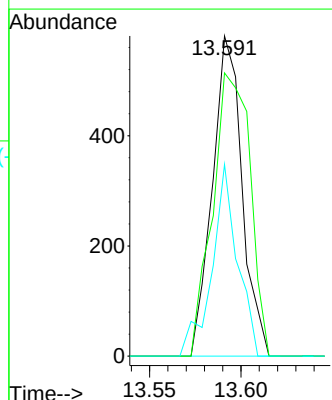
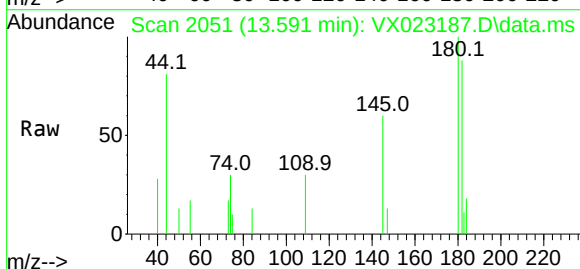
Instrument :
MSVOA_X
ClientSampleId :

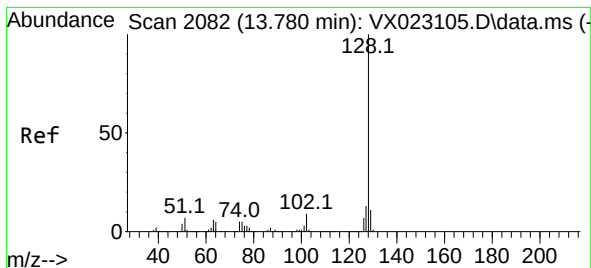
Tgt Ion: 75 Resp: 85546
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#93
1,2,4-Trichlorobenzene
Concen: 0.220 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

Tgt Ion:180 Resp: 656
Ion Ratio Lower Upper
180 100
182 111.6 47.7 143.1
145 51.4 15.0 45.0#

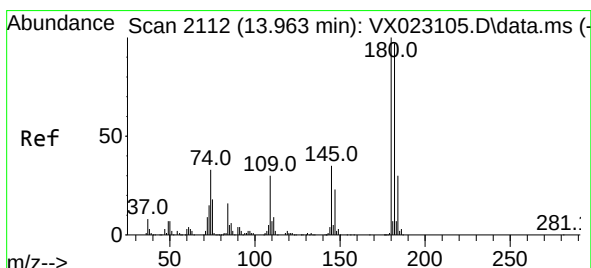
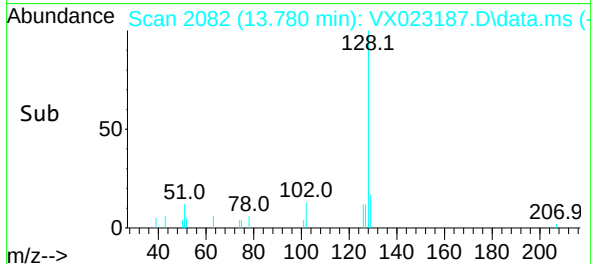
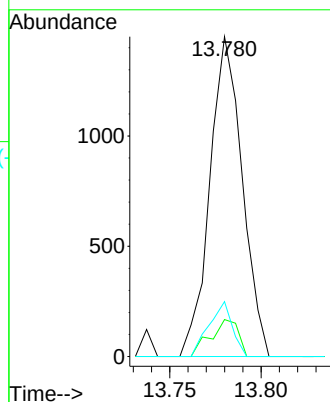
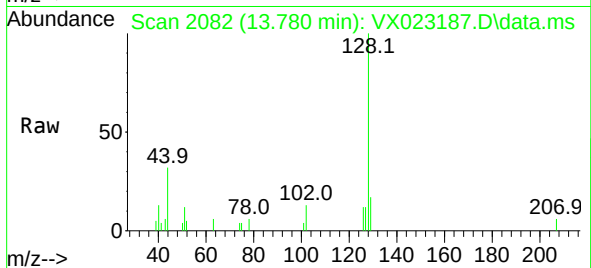




#95
Naphthalene
Concen: 1.434 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 1794
Ion Ratio Lower Upper
128 100
127 9.9 10.3 15.5#
129 12.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.212 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX023187.D
Acq: 08 Jul 2021 10:14

Tgt Ion:180 Resp: 637
Ion Ratio Lower Upper
180 100
182 97.0 47.6 142.9
145 33.4 16.1 48.3

