

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
 Data File : VX023142.D
 Acq On : 06 Jul 2021 13:44
 Operator : JC/MD
 Sample : M2907-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 07 02:51:17 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)

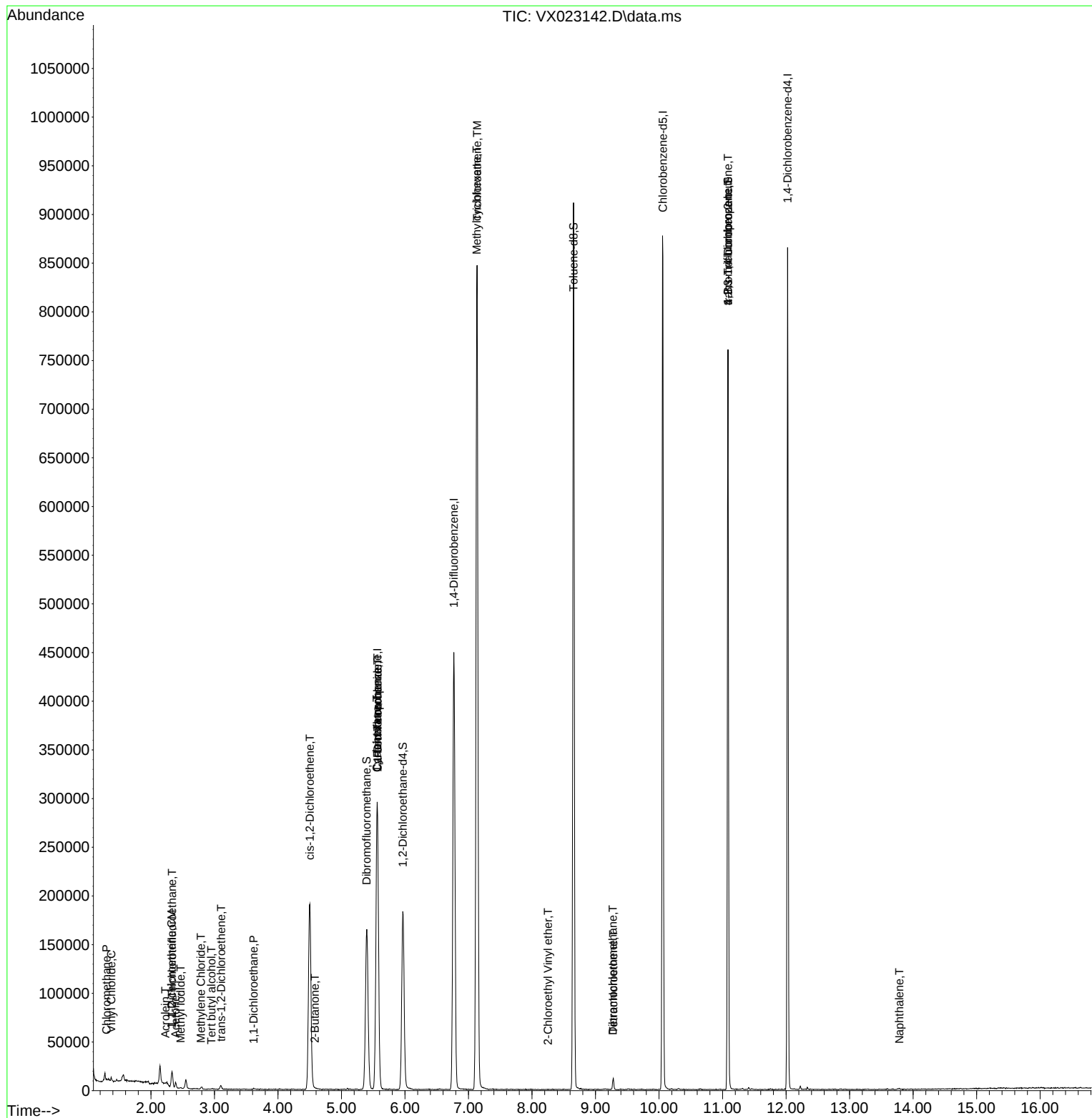
Internal Standards						
1) Pentafluorobenzene	5.562	168	275491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	451506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	404799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	186797	50.450	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.900%		
35) Dibromofluoromethane	5.397	113	141462	48.518	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.040%		
50) Toluene-d8	8.653	98	537030	49.377	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.760%		
62) 4-Bromofluorobenzene	11.085	95	195697	46.608	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	843	0.341	ug/l	93
4) Vinyl Chloride	1.374	62	2200	0.841	ug/l	92
5) Bromomethane	1.617	94	1023	Below Cal	#	42
9) 1,1,2-Trichlorotrifluo...	2.331	101	5580	2.097	ug/l	98
10) Methyl Iodide	2.465	142	767	0.235	ug/l #	83
11) Tert butyl alcohol	2.953	59	291	0.374	ug/l #	94
12) 1,1-Dichloroethene	2.325	96	1324	0.539	ug/l	85
13) Acrolein	2.227	56	405	0.781	ug/l #	64
16) Acetone	2.386	43	6062	4.138	ug/l #	87
20) Methylene Chloride	2.788	84	943	0.299	ug/l #	82
21) trans-1,2-Dichloroethene	3.105	96	1590	0.599	ug/l #	86
24) 1,1-Dichloroethane	3.617	63	1117	0.220	ug/l #	80
25) 2-Butanone	4.580	43	848	0.384	ug/l #	45
27) cis-1,2-Dichloroethene	4.501	96	123409	38.416	ug/l	91
31) Cyclohexane	5.556	56	5873	1.325	ug/l #	24
36) 1,1-Dichloropropene	5.568	75	21382	5.312	ug/l #	46
38) Carbon Tetrachloride	5.568	117	29178	6.945	ug/l #	15
39) Methylcyclohexane	7.129	83	3796	0.806	ug/l #	1
44) Trichloroethene	7.135	130	321907	97.103	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	27	4.700	ug/l #	45
60) Dibromochloromethane	9.275	129	2127	3.675	ug/l #	11
64) Tetrachloroethene	9.281	164	1964	0.608	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	102936	29.829	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	102936	80.117	ug/l #	12
95) Naphthalene	13.786	128	559	1.318	ug/l #	70

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

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Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
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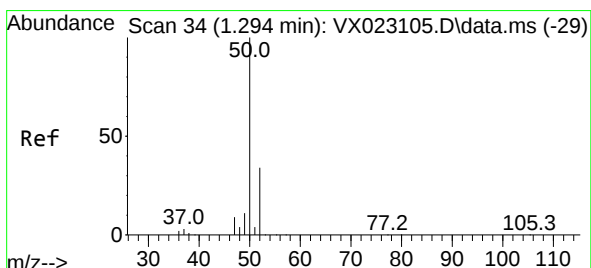
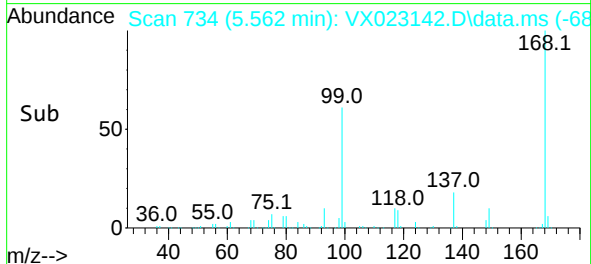
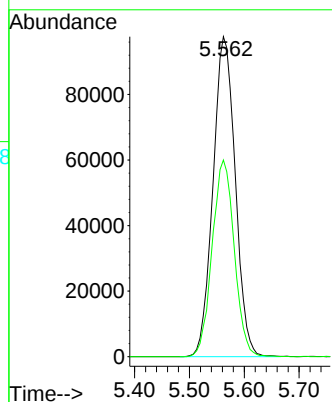
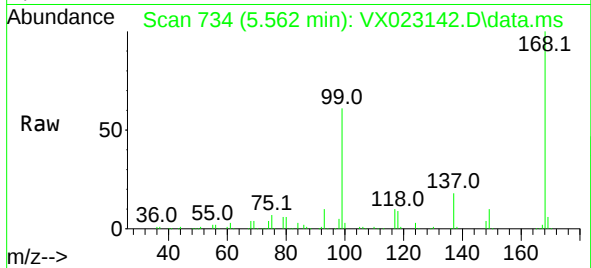




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

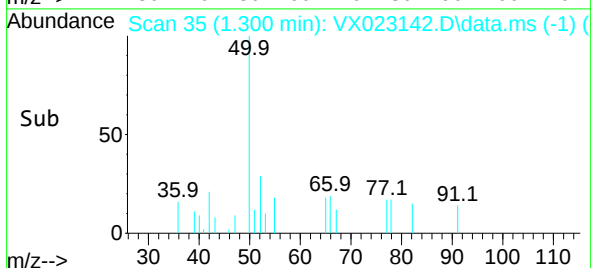
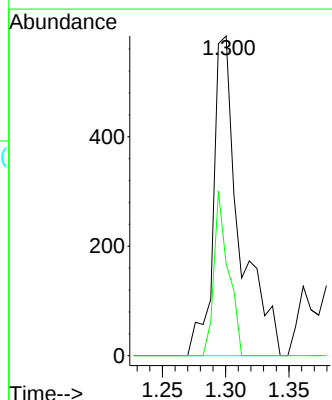
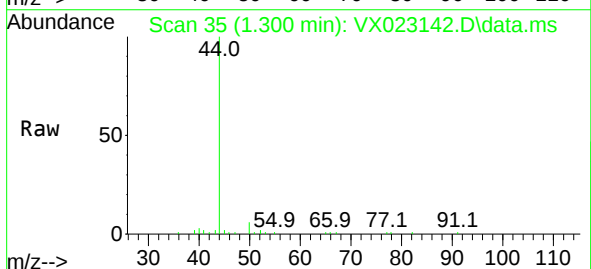
Instrument :
MSVOA_X
ClientSampled :

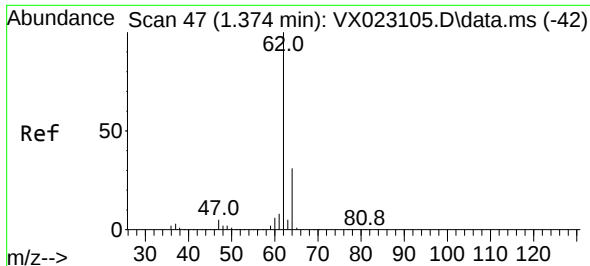
Tgt Ion:168 Resp: 275491
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#3
Chloromethane
Concen: 0.341 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

Tgt Ion: 50 Resp: 843
Ion Ratio Lower Upper
50 100
52 28.8 26.4 39.6

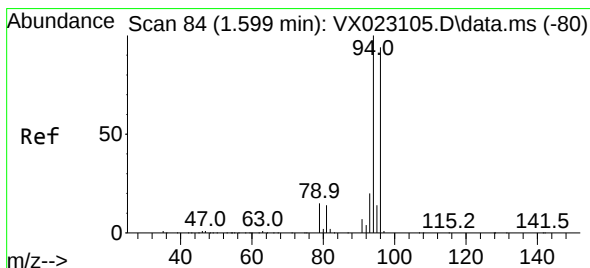
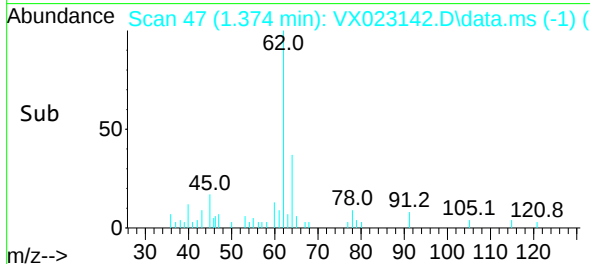
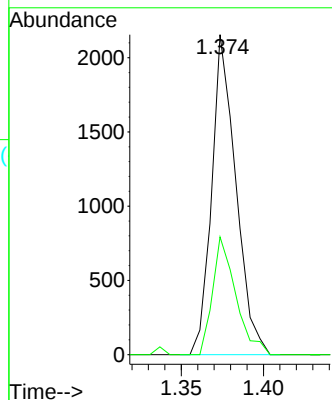
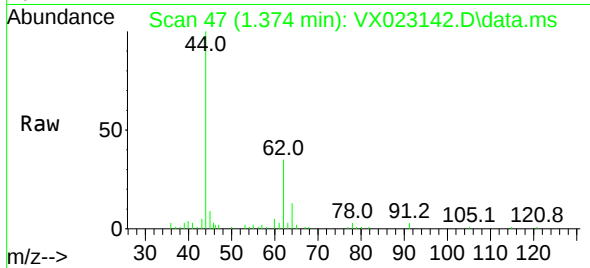




#4
 Vinyl Chloride
 Concen: 0.841 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX023142.D
 Acq: 06 Jul 2021 13:44

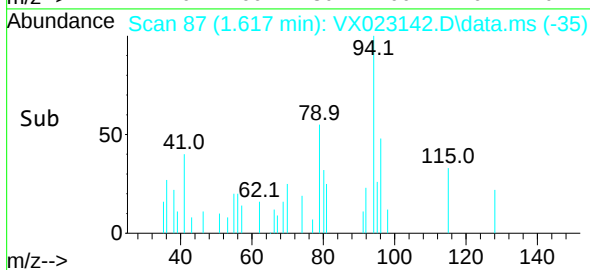
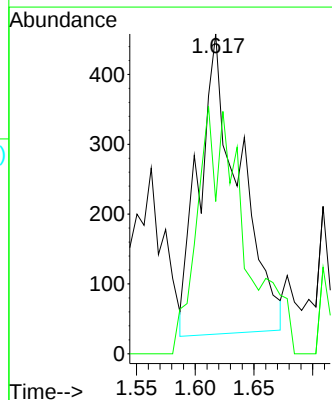
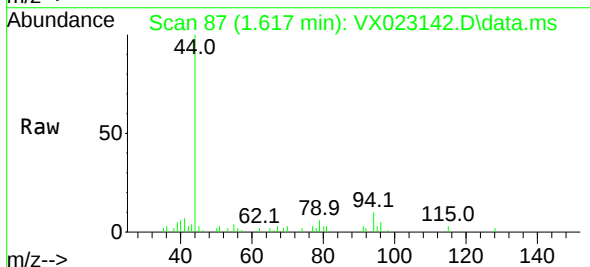
Instrument :
 MSVOA_X
 ClientSampled :

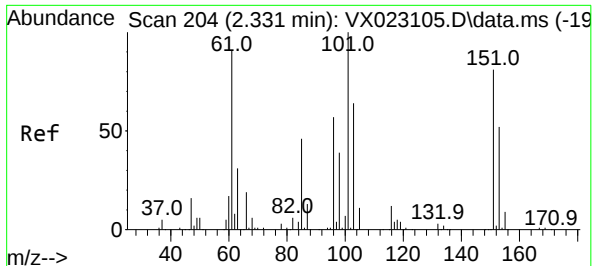
Tgt Ion: 62 Resp: 2200
 Ion Ratio Lower Upper
 62 100
 64 36.8 25.7 38.5



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.617 min Scan# 87
 Delta R.T. 0.018 min
 Lab File: VX023142.D
 Acq: 06 Jul 2021 13:44

Tgt Ion: 94 Resp: 1023
 Ion Ratio Lower Upper
 94 100
 96 38.7 76.4 114.6#

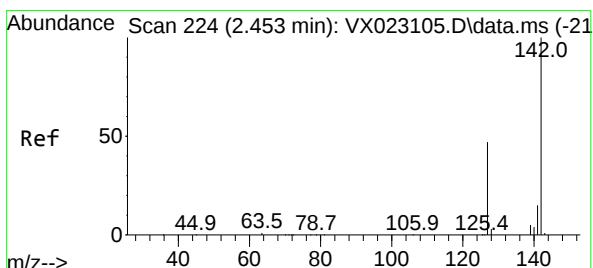
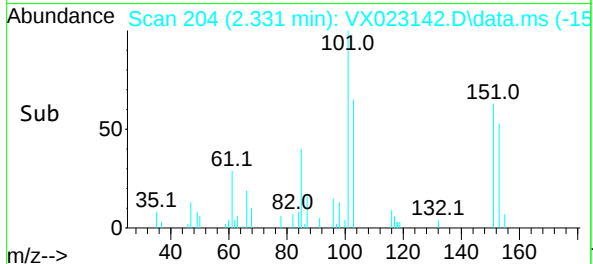
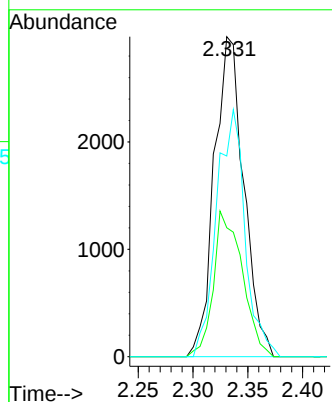
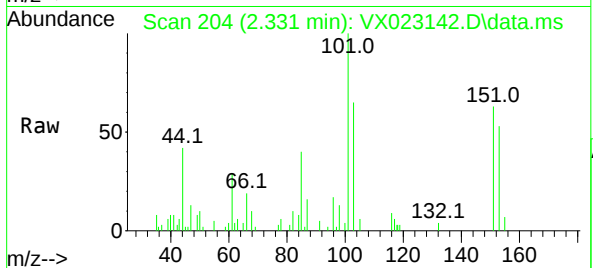




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.097 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

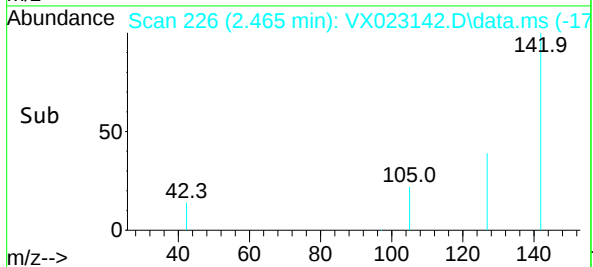
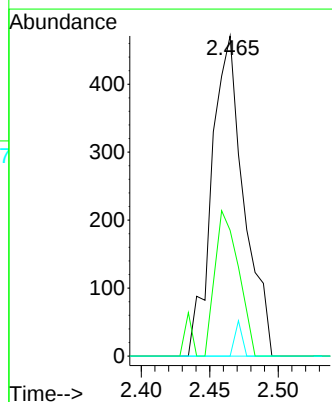
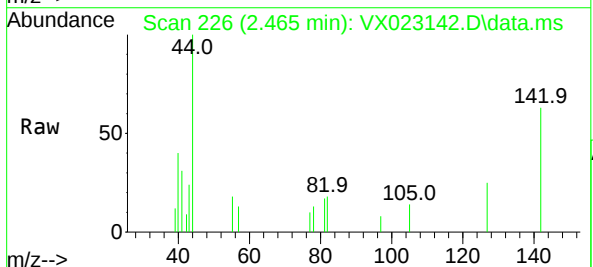
Instrument :
MSVOA_X
ClientSampled :

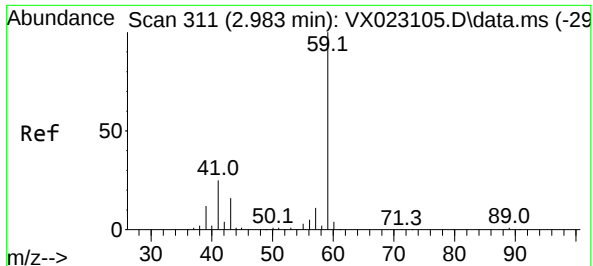
Tgt Ion:101 Resp: 5580
Ion Ratio Lower Upper
101 100
85 44.4 34.9 52.3
151 74.5 61.4 92.2



#10
Methyl Iodide
Concen: 0.235 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

Tgt Ion:142 Resp: 767
Ion Ratio Lower Upper
142 100
127 33.5 33.3 49.9
141 2.5 11.4 17.0#



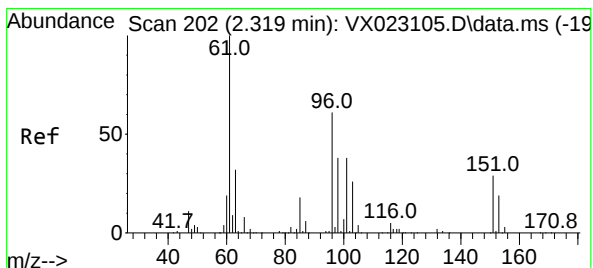
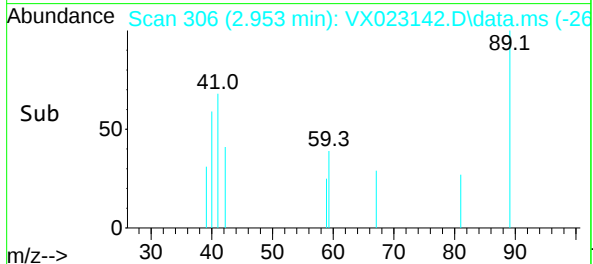
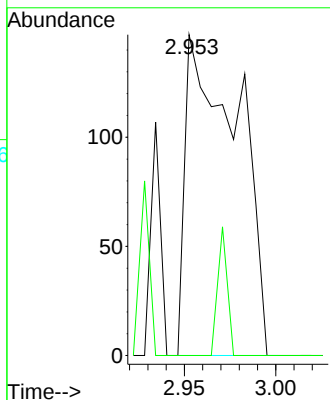
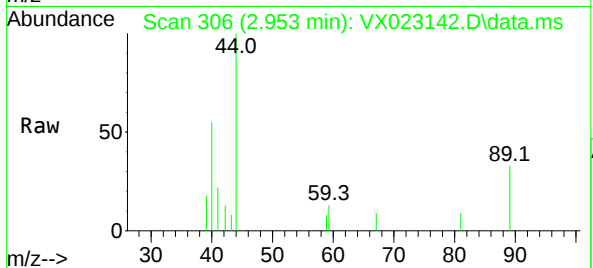


#11

Tert butyl alcohol
Concen: 0.374 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

Instrument :
MSVOA_X
ClientSampled :

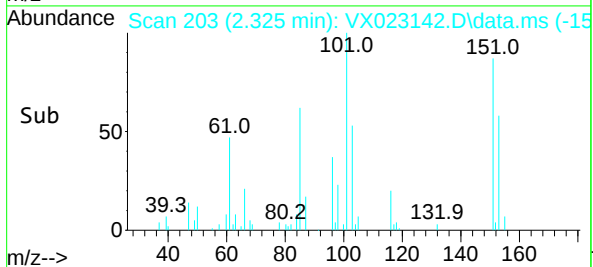
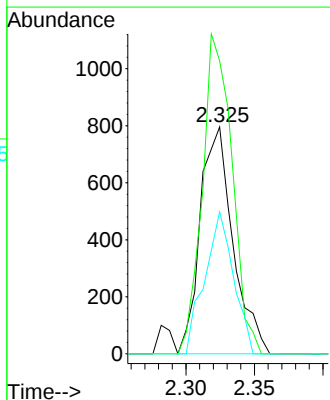
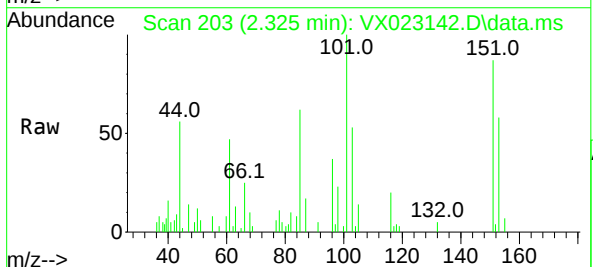
Tgt Ion: 59 Resp: 291
Ion Ratio Lower Upper
59 100
57 7.6 7.8 11.8#

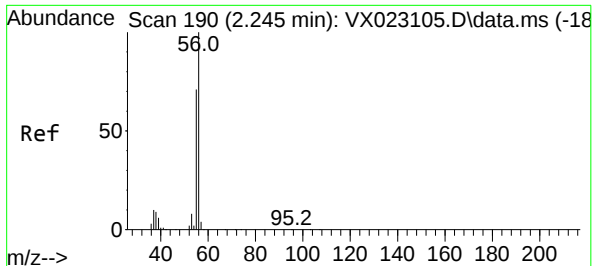


#12

1,1-Dichloroethene
Concen: 0.539 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

Tgt Ion: 96 Resp: 1324
Ion Ratio Lower Upper
96 100
61 129.1 124.6 187.0
98 62.6 50.6 76.0

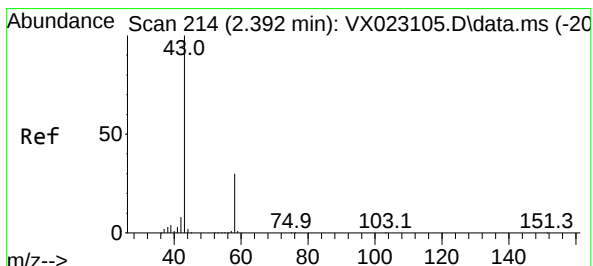
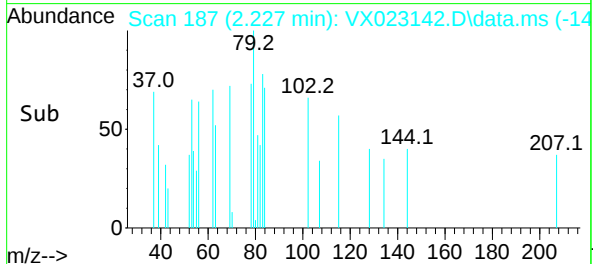
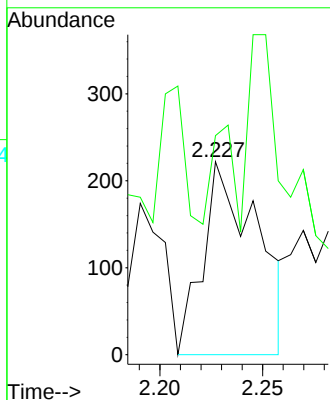
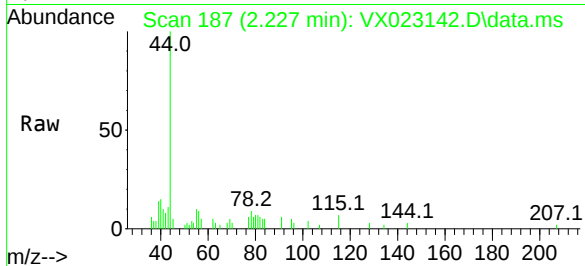




#13
Acrolein
Concen: 0.781 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.018 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

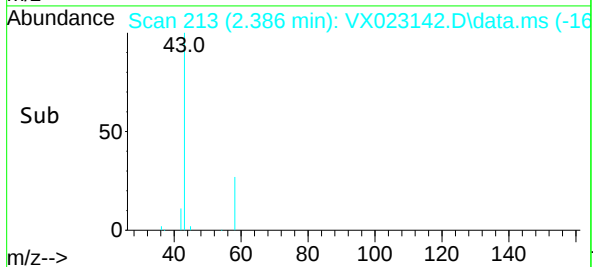
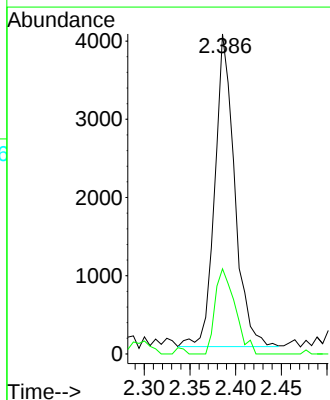
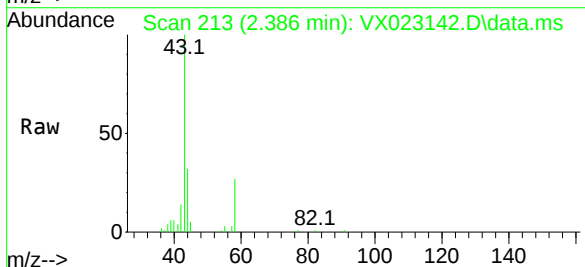
Instrument :
MSVOA_X
ClientSampled :

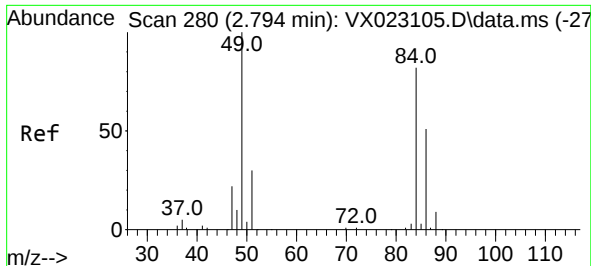
Tgt Ion: 56 Resp: 405
Ion Ratio Lower Upper
56 100
55 40.5 56.4 84.6#



#16
Acetone
Concen: 4.138 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

Tgt Ion: 43 Resp: 6062
Ion Ratio Lower Upper
43 100
58 27.2 27.8 41.8#





#20

Methylene Chloride

Concen: 0.299 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX023142.D

Acq: 06 Jul 2021 13:44

Tgt Ion: 84 Resp: 943

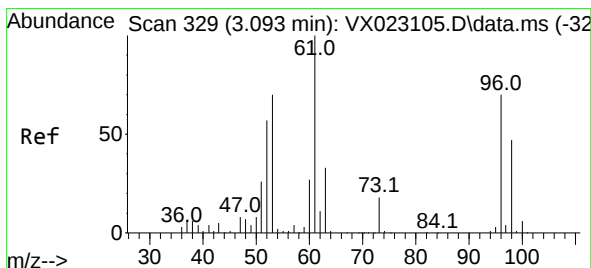
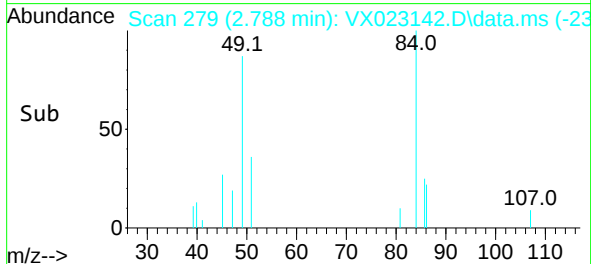
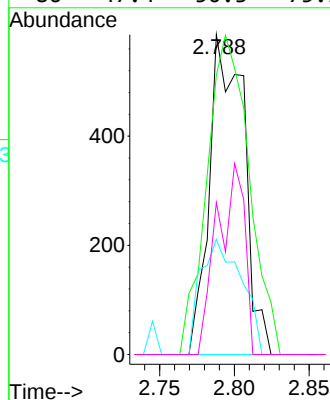
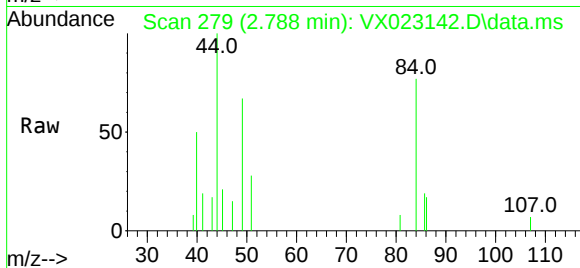
Ion Ratio Lower Upper

84 100

49 87.4 88.6 132.8#

51 36.0 27.0 40.6

86 47.4 50.3 75.5#



#21

trans-1,2-Dichloroethene

Concen: 0.599 ug/l

RT: 3.105 min Scan# 331

Delta R.T. 0.012 min

Lab File: VX023142.D

Acq: 06 Jul 2021 13:44

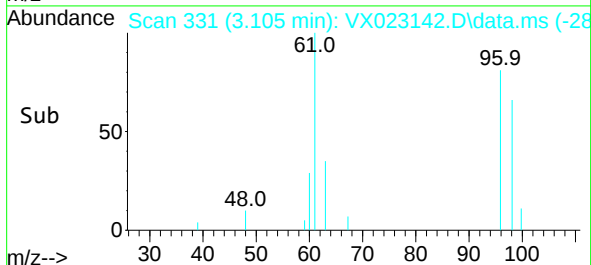
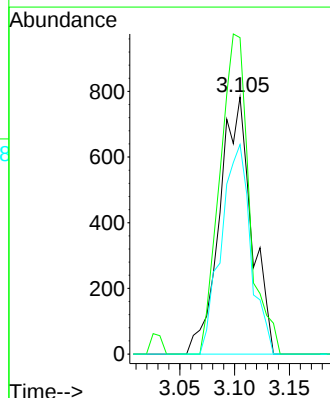
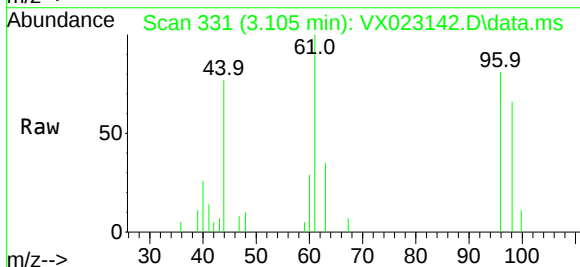
Tgt Ion: 96 Resp: 1590

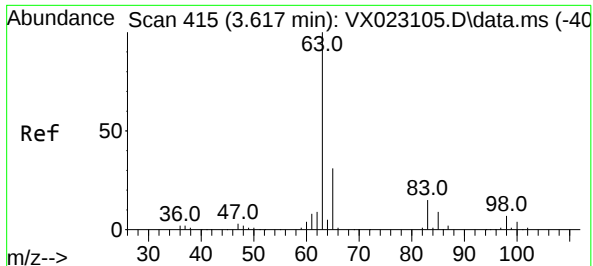
Ion Ratio Lower Upper

96 100

61 123.1 107.7 161.5

98 81.5 50.4 75.6#

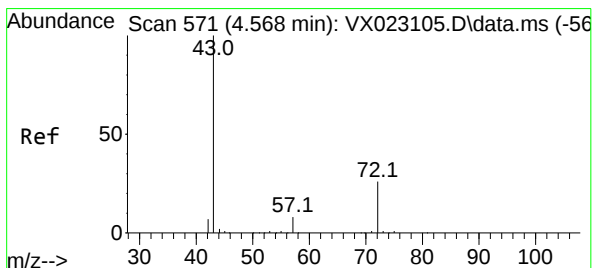
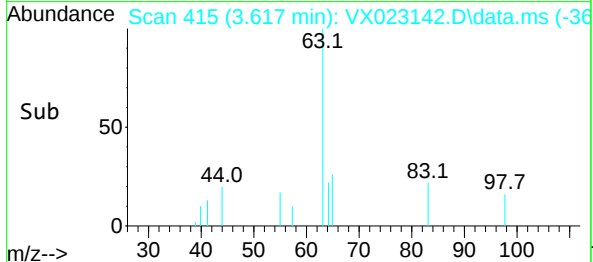
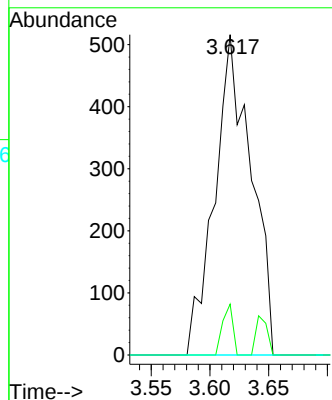
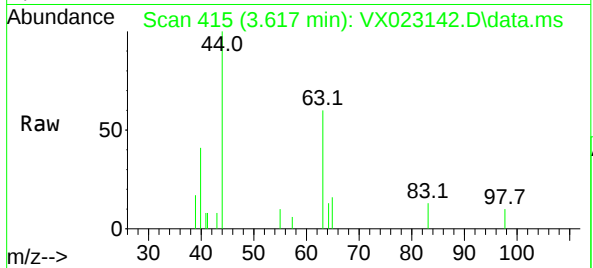




#24
1,1-Dichloroethane
Concen: 0.220 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

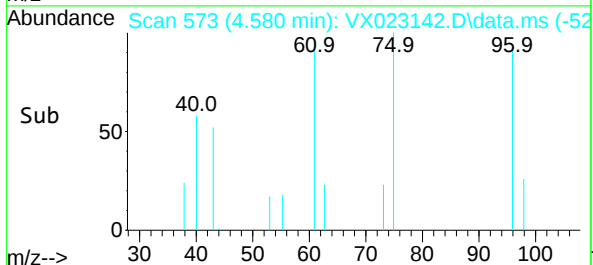
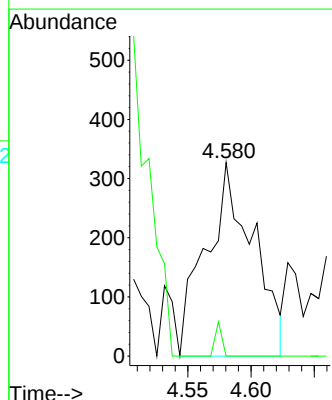
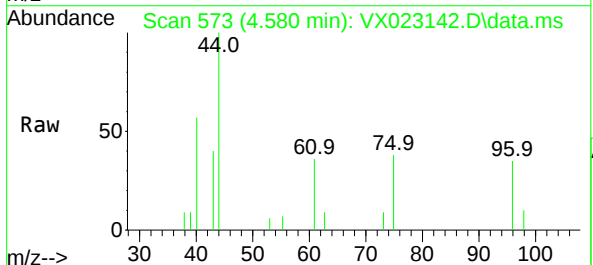
Instrument :
MSVOA_X
ClientSampled :

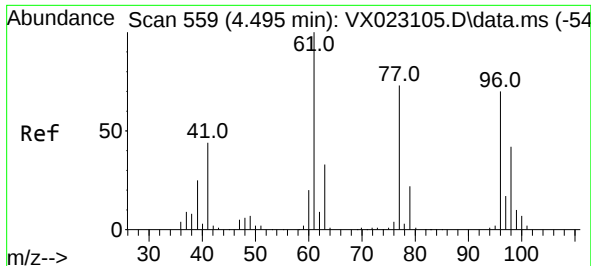
Tgt Ion: 63 Resp: 1117
Ion Ratio Lower Upper
63 100
98 15.9 3.8 11.2#
100 0.0 2.5 7.5#



#25
2-Butanone
Concen: 0.384 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 38.416 ug/l

RT: 4.501 min Scan# 560

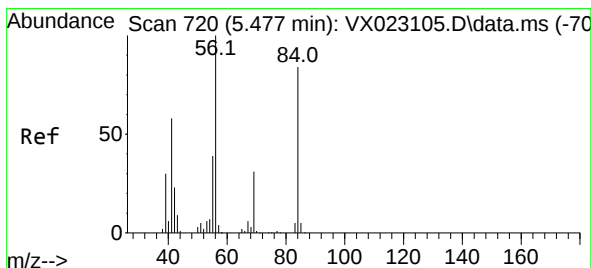
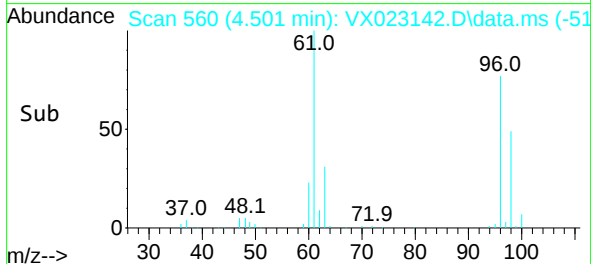
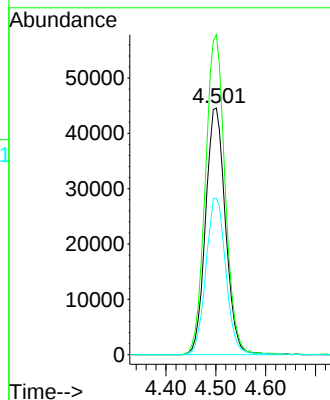
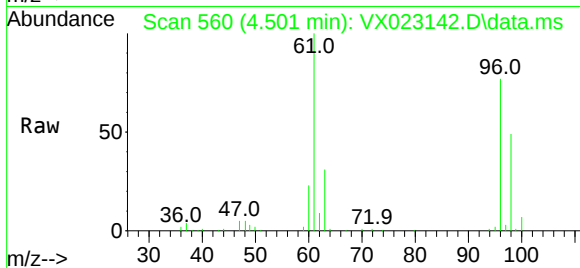
Delta R.T. 0.006 min

Lab File: VX023142.D

Acq: 06 Jul 2021 13:44

Tgt Ion: 96 Resp: 123409

Ion	Ratio	Lower	Upper
96	100		
61	128.2	0.0	285.6
98	63.6	0.0	129.6



#31

Cyclohexane

Concen: 1.325 ug/l

RT: 5.556 min Scan# 733

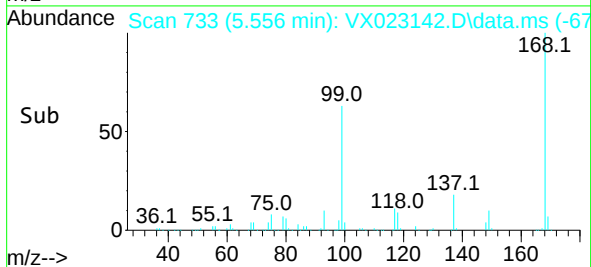
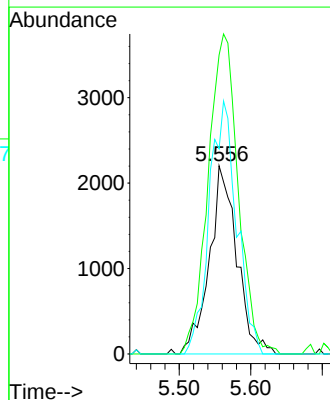
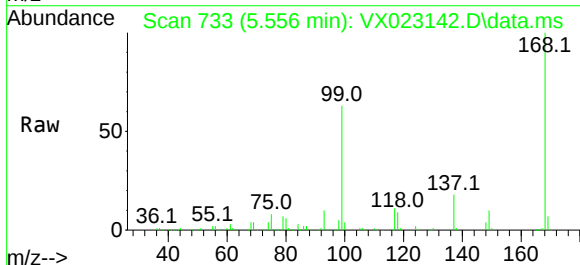
Delta R.T. 0.079 min

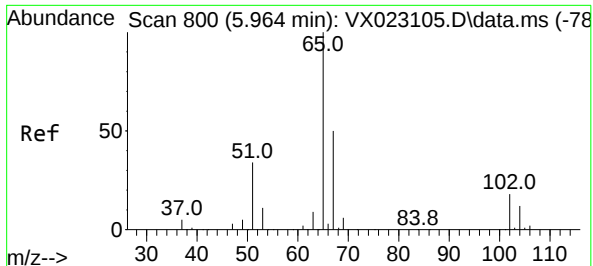
Lab File: VX023142.D

Acq: 06 Jul 2021 13:44

Tgt Ion: 56 Resp: 5873

Ion	Ratio	Lower	Upper
56	100		
69	158.9	25.3	37.9#
84	109.0	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.450 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023142.D

Acq: 06 Jul 2021 13:44

Tgt Ion: 65 Resp: 186797

Ion Ratio Lower Upper

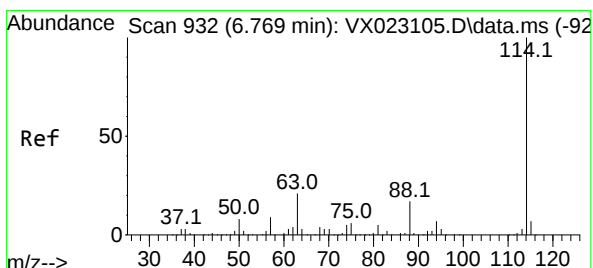
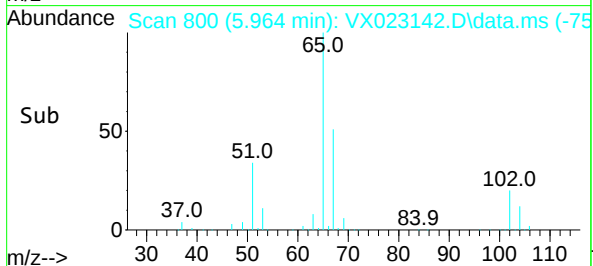
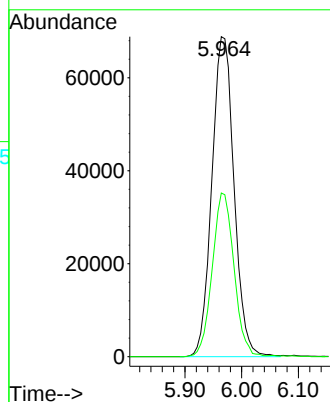
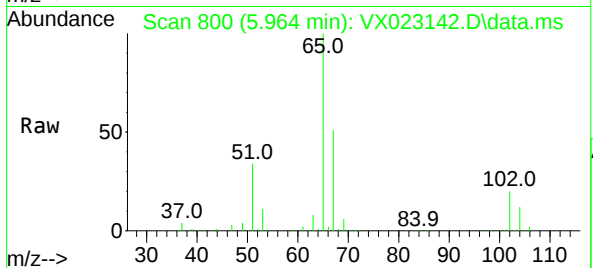
65 100

67 50.1 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX023142.D

Acq: 06 Jul 2021 13:44

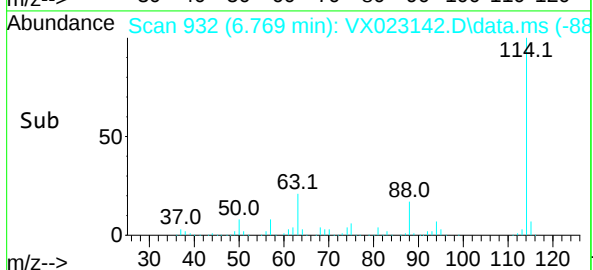
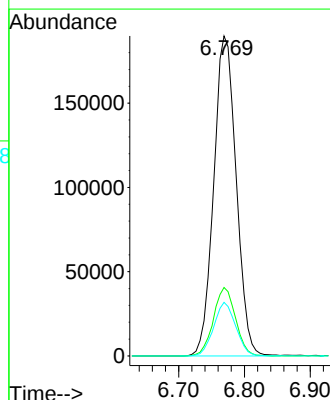
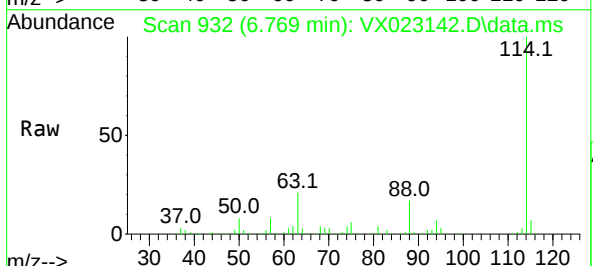
Tgt Ion: 114 Resp: 451506

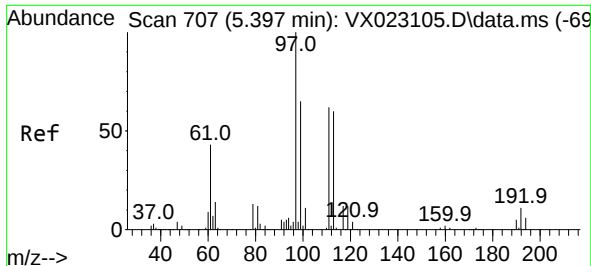
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.8

88 16.8 0.0 32.8

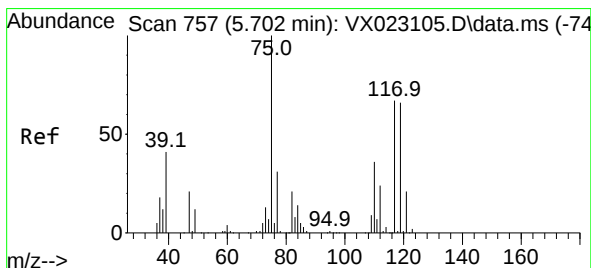
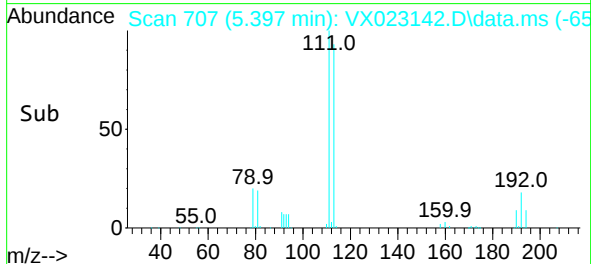
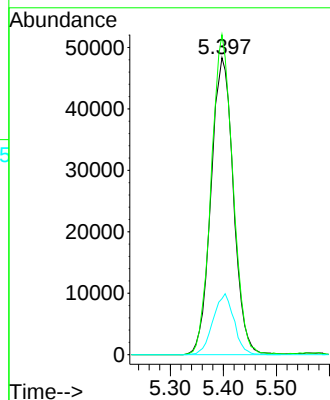
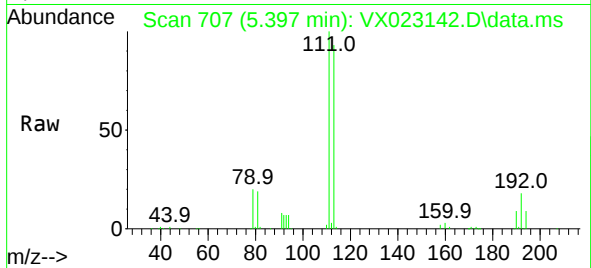




#35
Dibromofluoromethane
Concen: 48.518 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

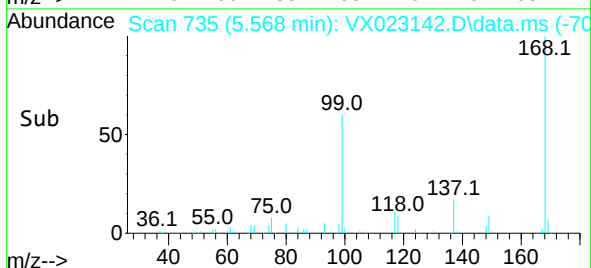
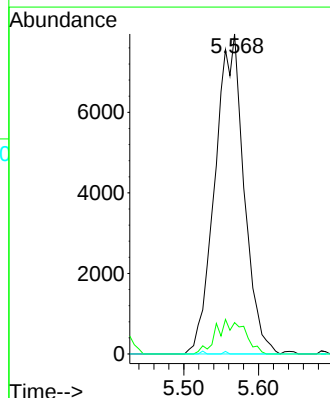
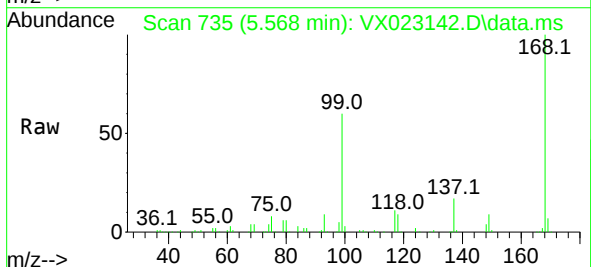
Instrument :
MSVOA_X
ClientSampleId :

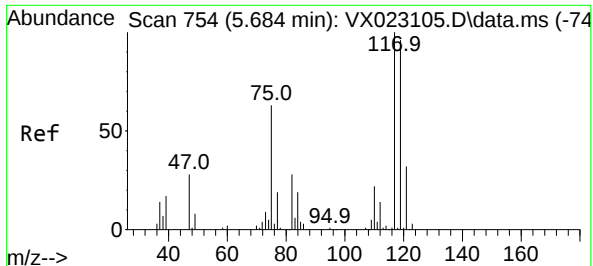
Tgt Ion:113 Resp: 141462
Ion Ratio Lower Upper
113 100
111 104.4 81.9 122.9
192 19.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.312 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

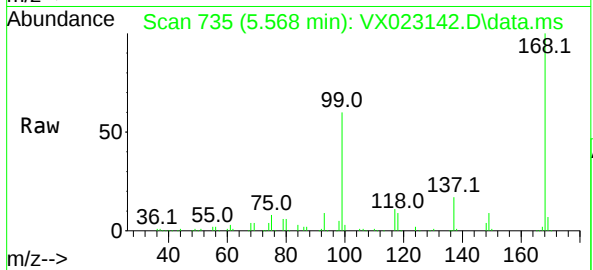
Tgt Ion: 75 Resp: 21382
Ion Ratio Lower Upper
75 100
110 5.6 18.1 54.4#
77 0.1 25.3 37.9#



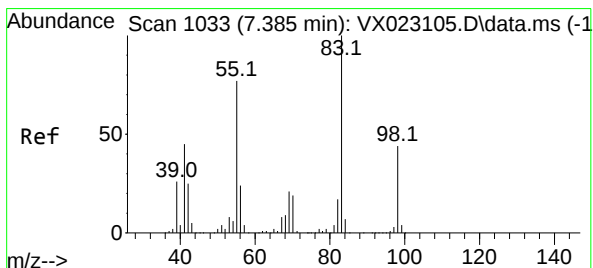
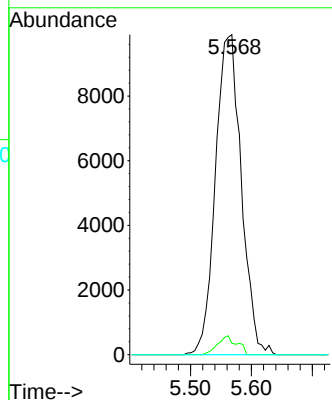
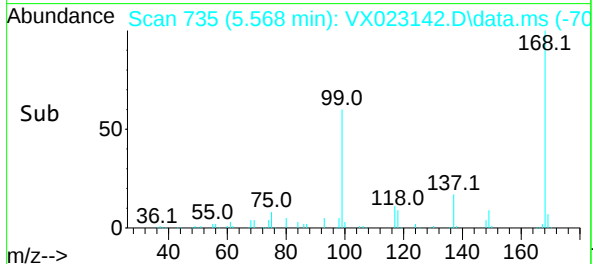


#38
Carbon Tetrachloride
Concen: 6.945 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

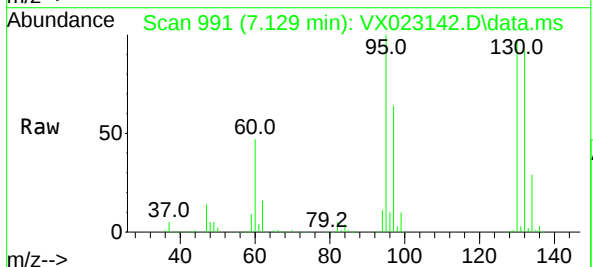
Instrument :
MSVOA_X
ClientSampled :



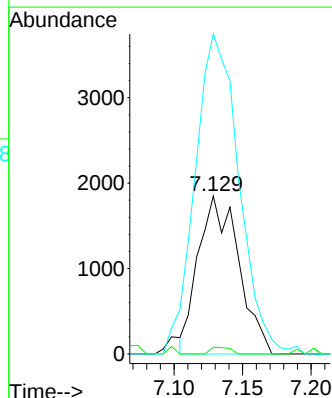
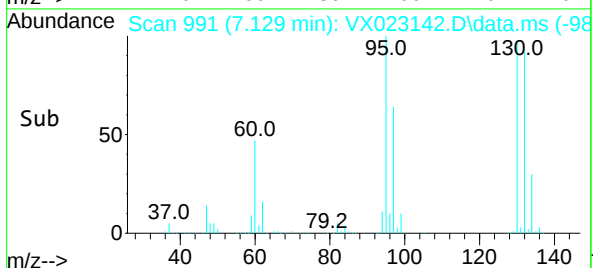
Tgt Ion:117 Resp: 29178
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.2#
121 0.0 24.8 37.2#

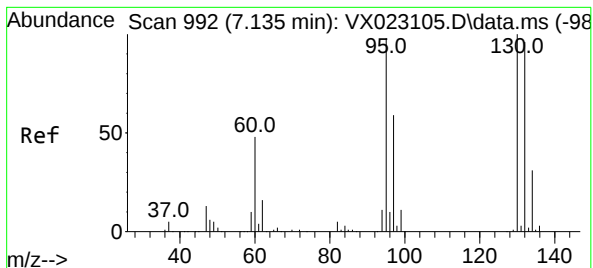


#39
Methylcyclohexane
Concen: 0.806 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44



Tgt Ion: 83 Resp: 3796
Ion Ratio Lower Upper
83 100
55 4.3 58.9 88.3#
98 198.6 38.1 57.1#





#44

Trichloroethene

Concen: 97.103 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.000 min

Lab File: VX023142.D

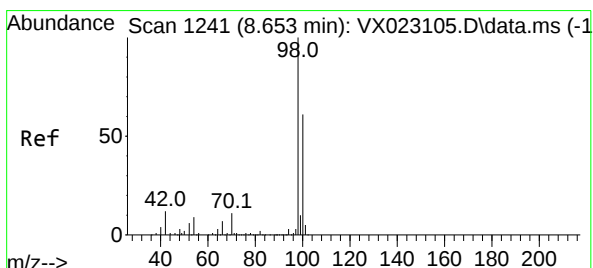
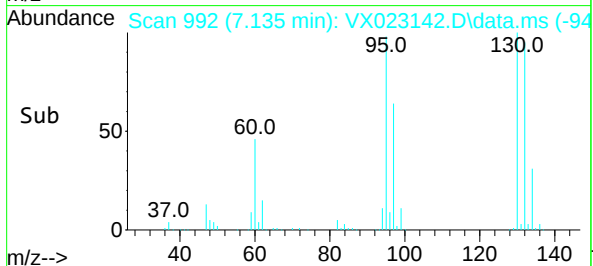
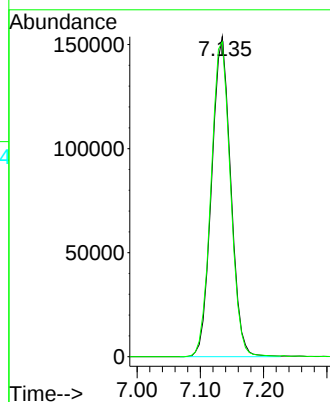
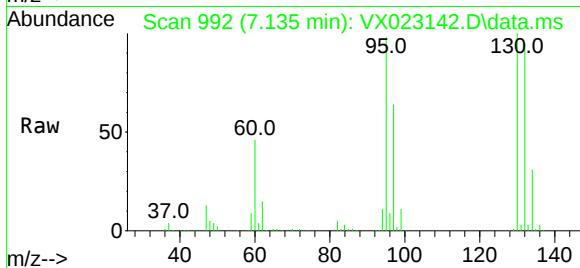
Acq: 06 Jul 2021 13:44

Tgt Ion:130 Resp: 321907

Ion Ratio Lower Upper

130 100

95 98.4 0.0 198.0



#50

Toluene-d8

Concen: 49.377 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023142.D

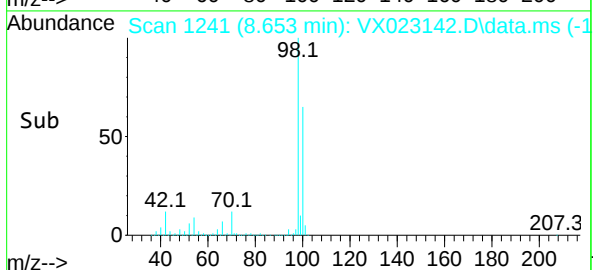
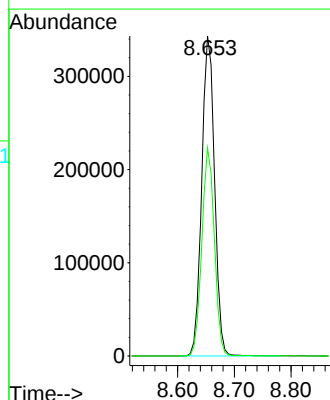
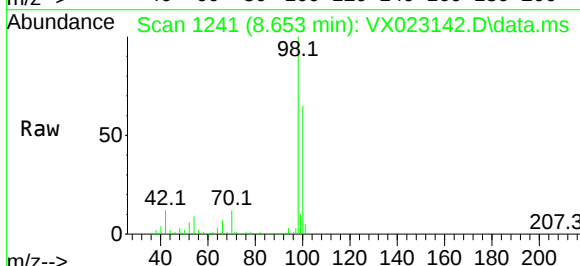
Acq: 06 Jul 2021 13:44

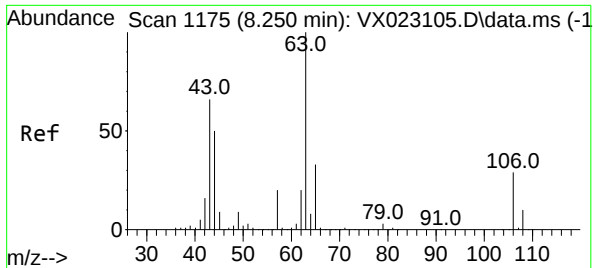
Tgt Ion: 98 Resp: 537030

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9

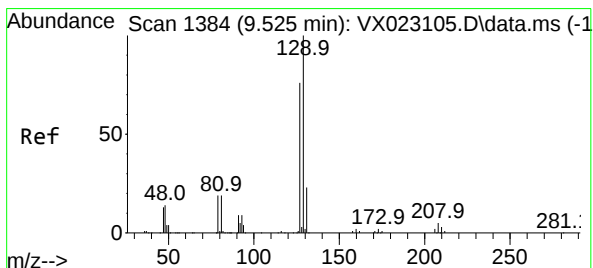
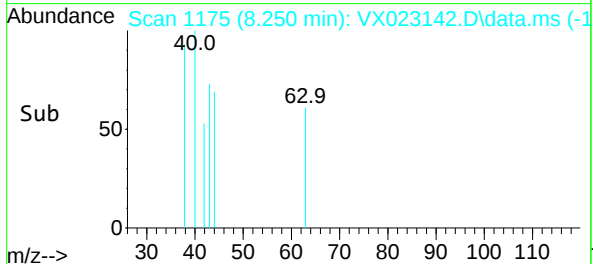
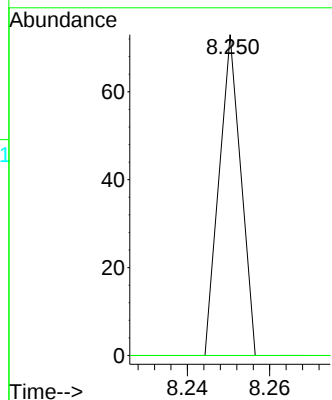
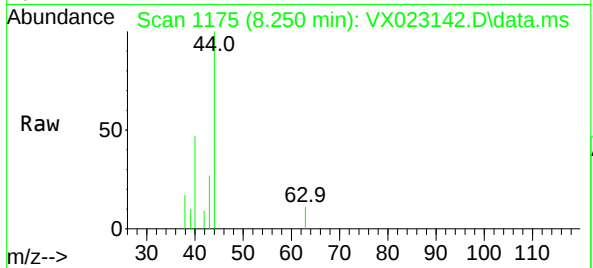




#58
2-Chloroethyl Vinyl ether
Concen: 4.700 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

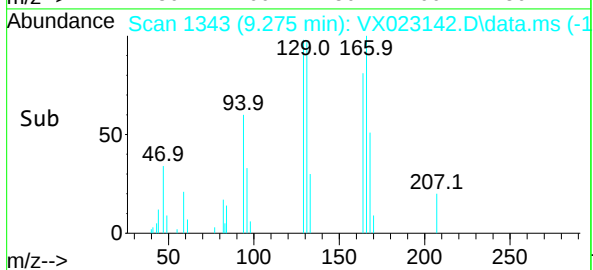
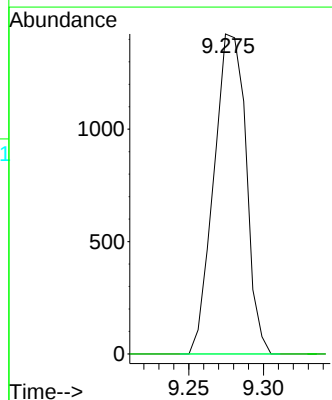
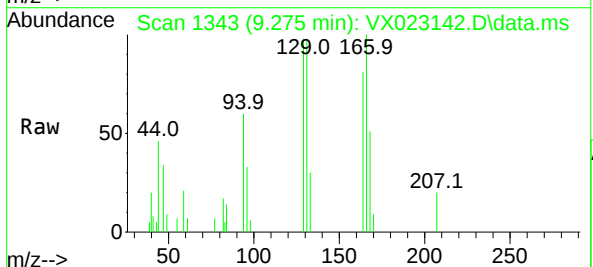
Instrument :
MSVOA_X
ClientSampled :

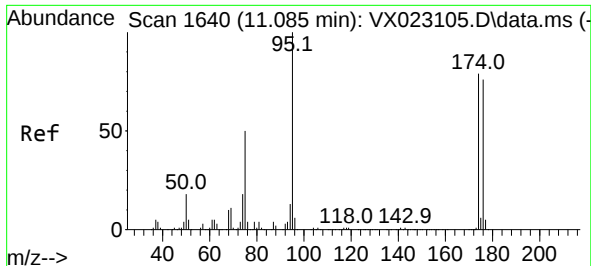
Tgt Ion: 63 Resp: 27
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#



#60
Dibromochloromethane
Concen: 3.675 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

Tgt Ion: 129 Resp: 2127
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

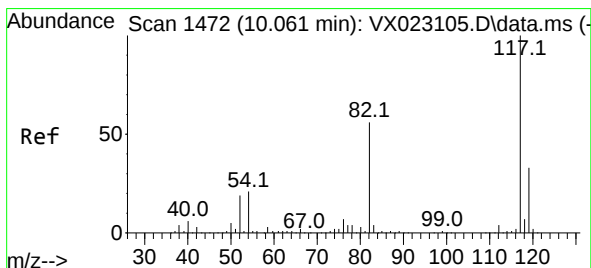
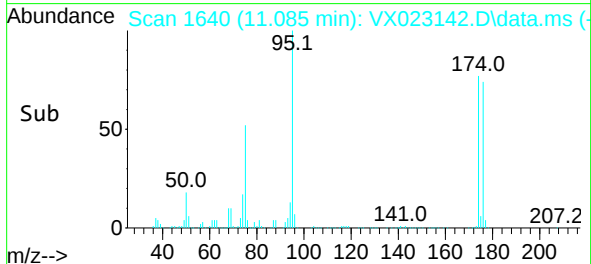
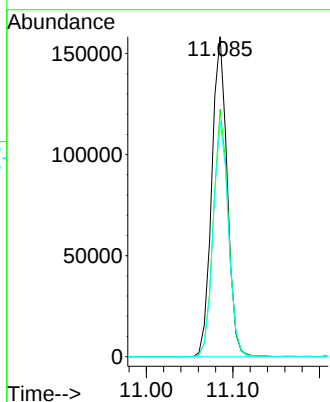
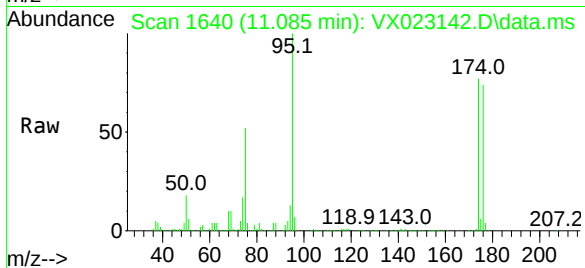




#62
4-Bromofluorobenzene
Concen: 46.608 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

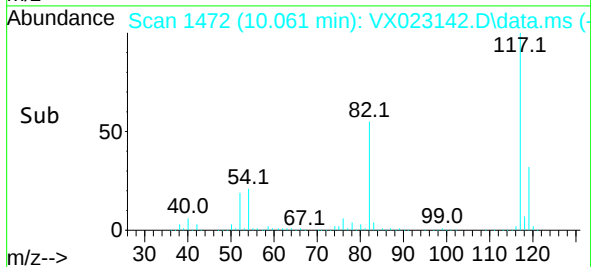
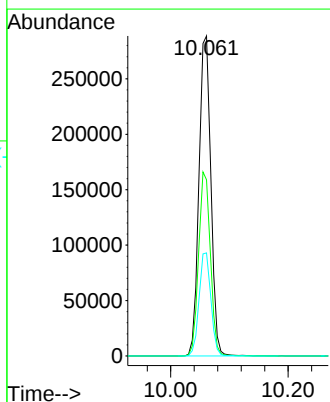
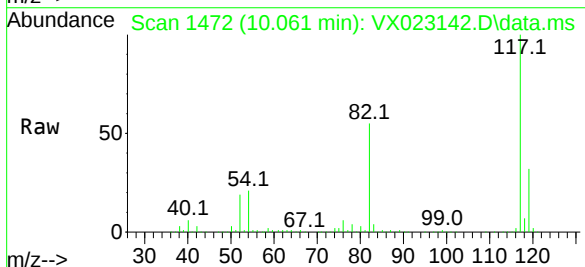
Instrument :
MSVOA_X
ClientSampleId :

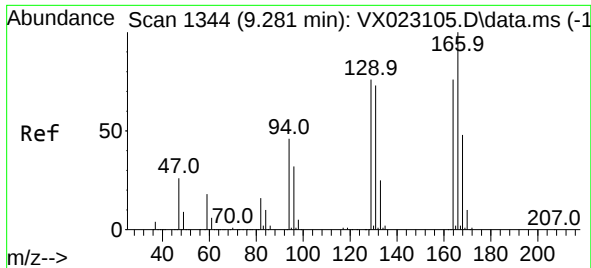
Tgt Ion: 95 Resp: 195697
Ion Ratio Lower Upper
95 100
174 75.7 0.0 154.6
176 73.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

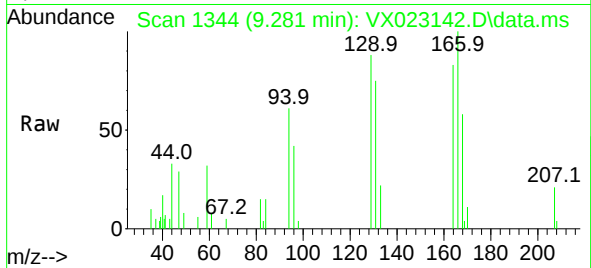
Tgt Ion: 117 Resp: 404799
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 32.2 26.6 39.8



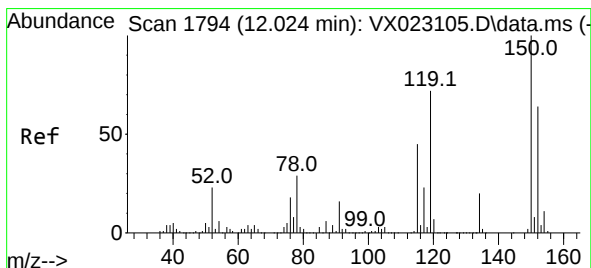
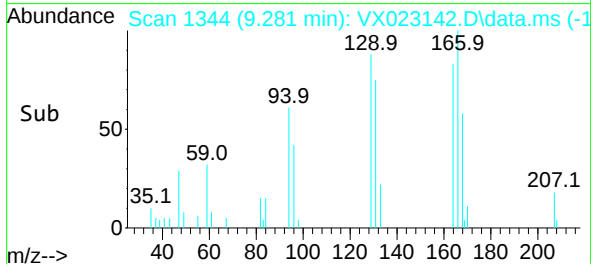
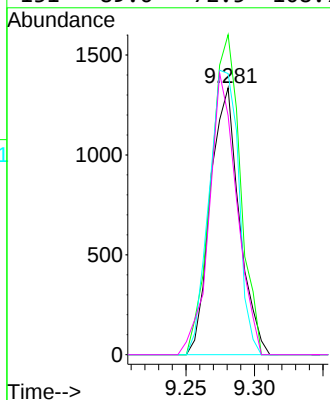


#64
Tetrachloroethene
Concen: 0.608 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

Instrument :
MSVOA_X
ClientSampled :

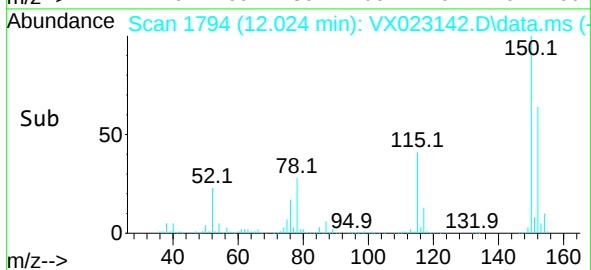
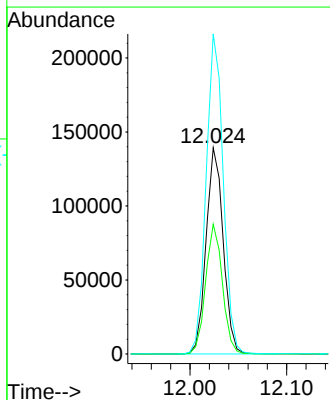
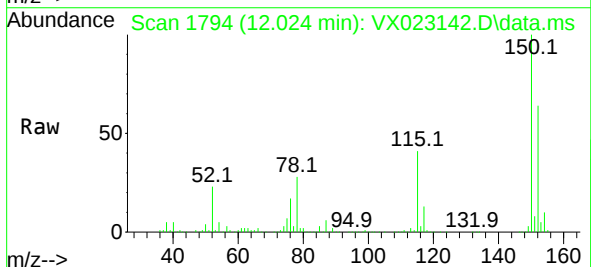


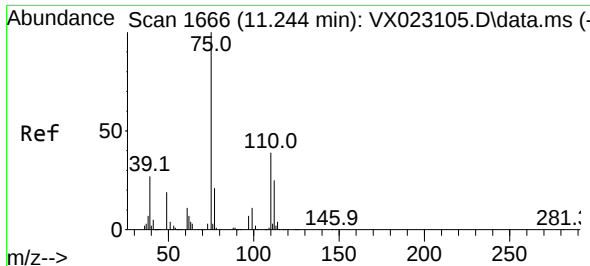
Tgt Ion:164	Resp:	1964
Ion Ratio	Lower	Upper
164	100	
166	119.9	103.4 155.2
129	105.3	70.8 106.2
131	89.6	72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

Tgt Ion:152	Resp:	171488
Ion Ratio	Lower	Upper
152	100	
115	61.8	41.1 123.3
150	155.4	0.0 349.0

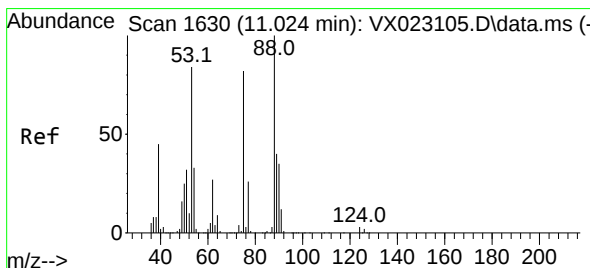
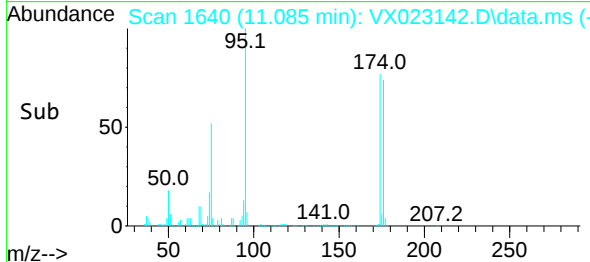
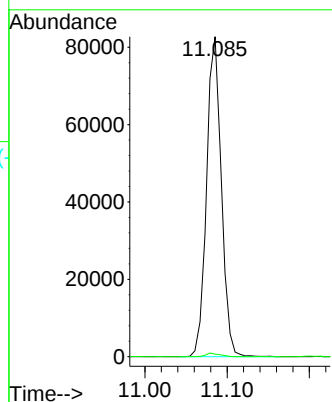
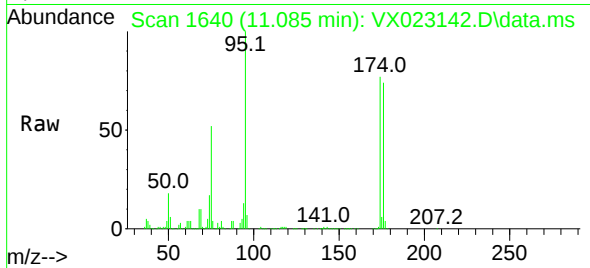




#76
1,2,3-Trichloropropane
Concen: 29.829 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

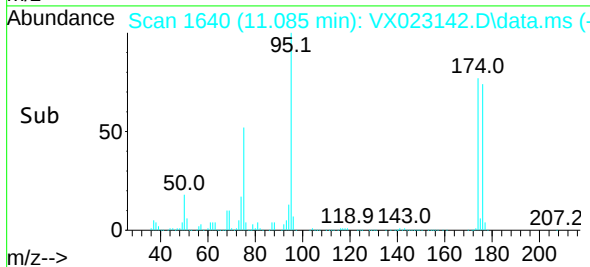
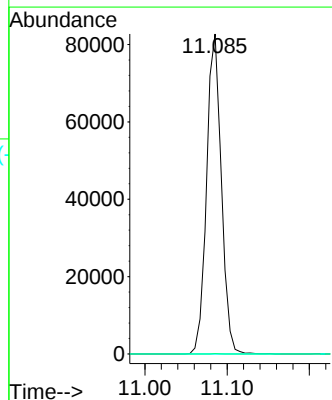
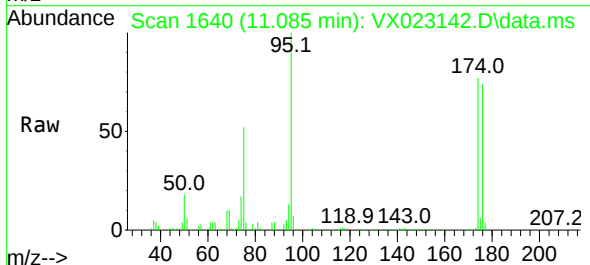
Instrument :
MSVOA_X
ClientSampled :

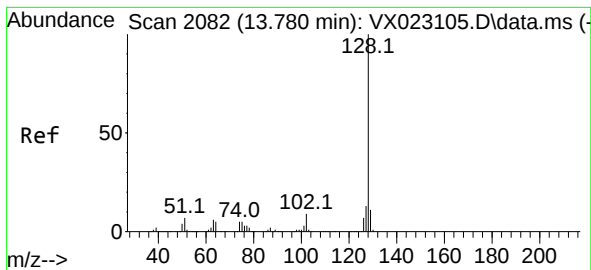
Tgt Ion: 75 Resp: 102936
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.117 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

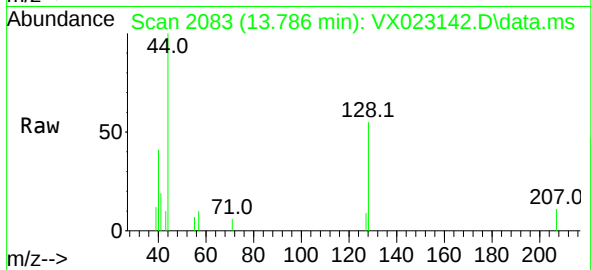
Tgt Ion: 75 Resp: 102936
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.318 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023142.D
Acq: 06 Jul 2021 13:44

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	559
Ion	Ratio	Lower	Upper
128	100		
127	25.4	10.3	15.5#
129	0.0	8.8	13.2#

