

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
 Data File : VX023143.D
 Acq On : 06 Jul 2021 14:08
 Operator : JC/MD
 Sample : M2907-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 07 02:51:39 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

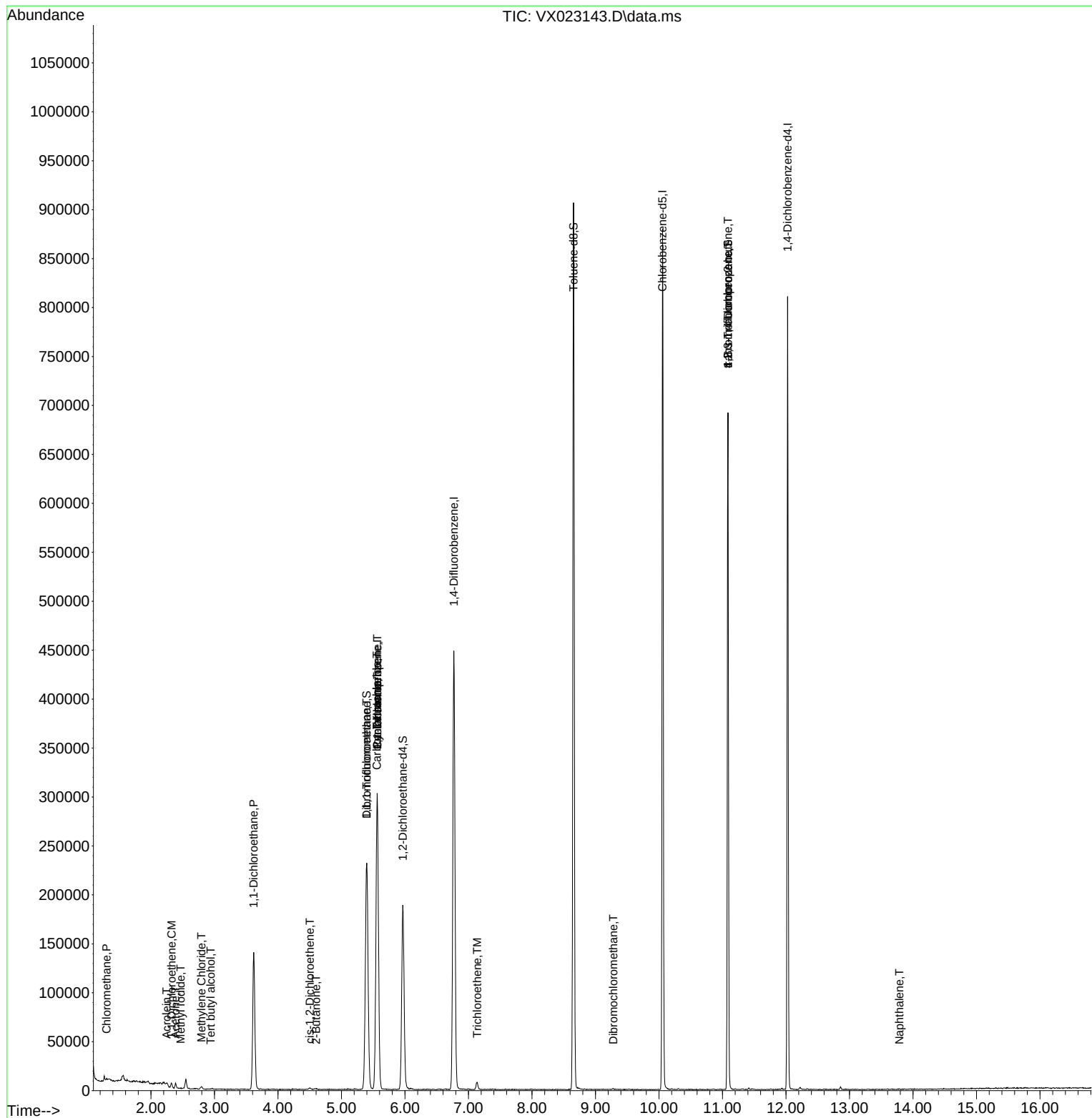
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	276166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	452194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	189417	51.033	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.060%
35) Dibromofluoromethane	5.398	113	144376	49.442	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.880%
50) Toluene-d8	8.653	98	527820	48.457	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.920%
62) 4-Bromofluorobenzene	11.086	95	185270	44.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.120%
Target Compounds						Qvalue
3) Chloromethane	1.301	50	700	0.283	ug/l #	75
5) Bromomethane	1.630	94	804	Below Cal	#	58
10) Methyl Iodide	2.465	142	693	0.212	ug/l #	86
11) Tert butyl alcohol	2.941	59	294	0.377	ug/l #	73
12) 1,1-Dichloroethene	2.325	96	1471	0.598	ug/l	87
13) Acrolein	2.246	56	246	0.473	ug/l #	14
16) Acetone	2.386	43	4946	3.368	ug/l	91
20) Methylene Chloride	2.794	84	1284	0.406	ug/l #	92
24) 1,1-Dichloroethane	3.617	63	152690	29.964	ug/l	96
25) 2-Butanone	4.599	43	662	0.299	ug/l #	45
27) cis-1,2-Dichloroethene	4.501	96	820	0.255	ug/l	87
31) Cyclohexane	5.562	56	5777	1.300	ug/l #	1
32) 1,1,1-Trichloroethane	5.398	97	65898	13.746	ug/l	98
36) 1,1-Dichloropropene	5.562	75	21259	5.274	ug/l #	50
38) Carbon Tetrachloride	5.556	117	29080	6.911	ug/l #	16
44) Trichloroethene	7.135	130	2797	0.842	ug/l	82
60) Dibromochloromethane	9.281	129	128	3.146	ug/l #	11
76) 1,2,3-Trichloropropane	11.086	75	95355	30.154	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.086	75	95355	80.939	ug/l #	12
95) Naphthalene	13.786	128	420	1.310	ug/l	99

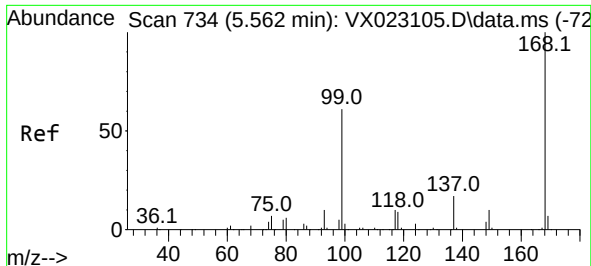
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jul 07 02:51:39 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

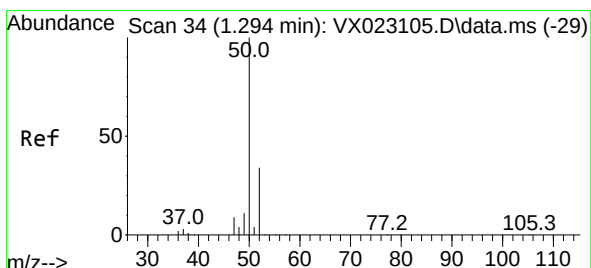
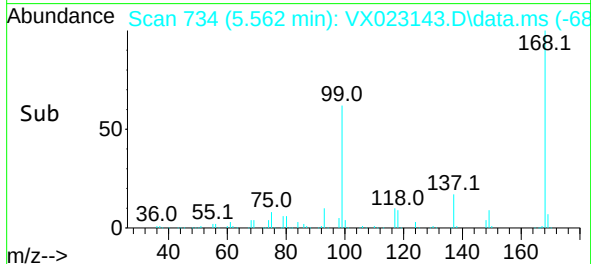
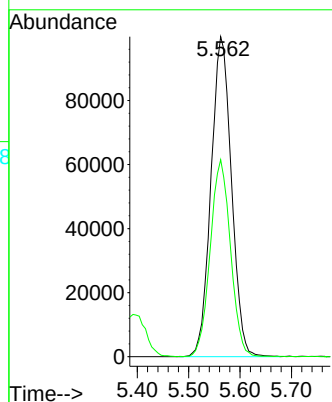
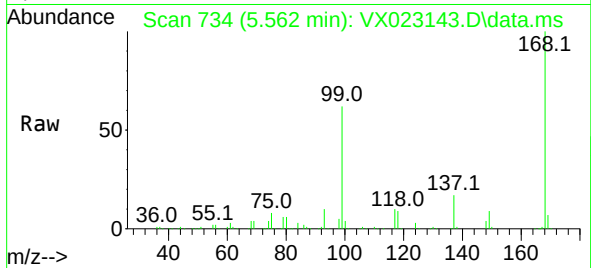




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

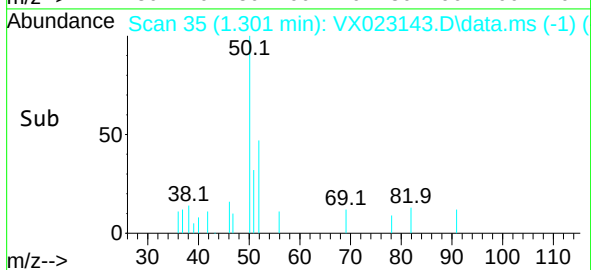
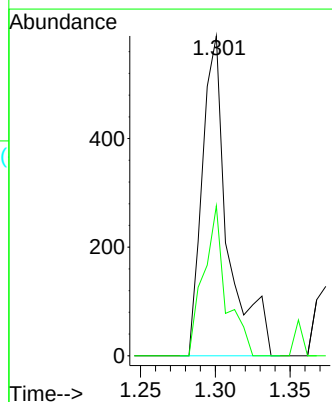
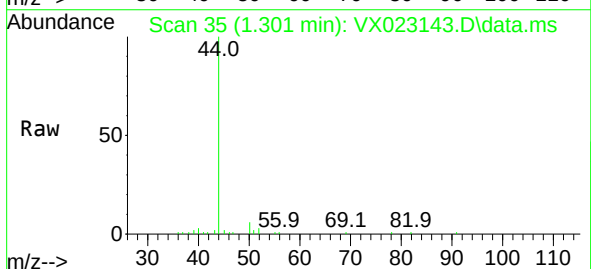
Instrument :
MSVOA_X
ClientSampled :

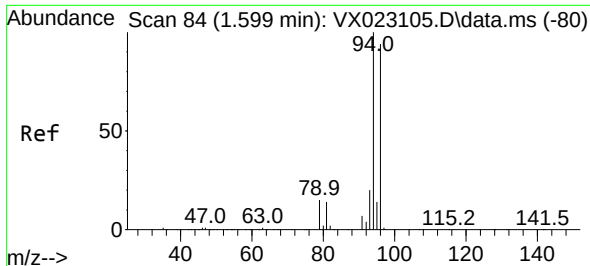
Tgt Ion:168 Resp: 276166
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#3
Chloromethane
Concen: 0.283 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

Tgt Ion: 50 Resp: 700
Ion Ratio Lower Upper
50 100
52 46.9 26.4 39.6#

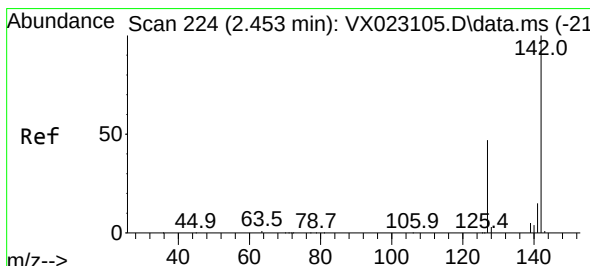
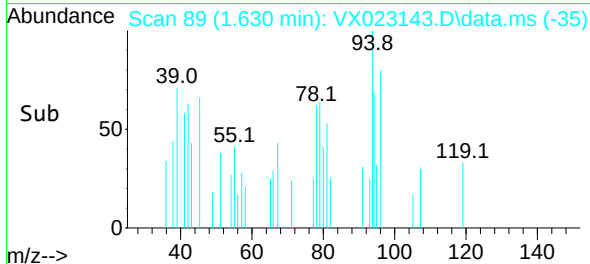
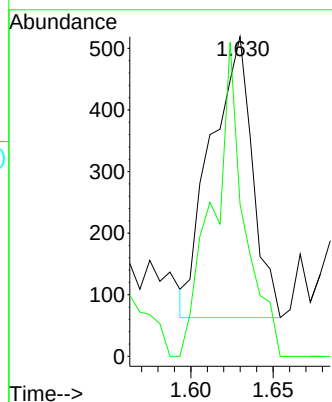
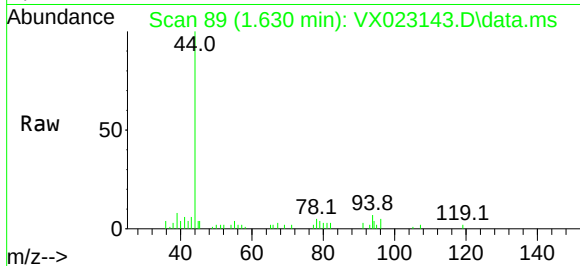




#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

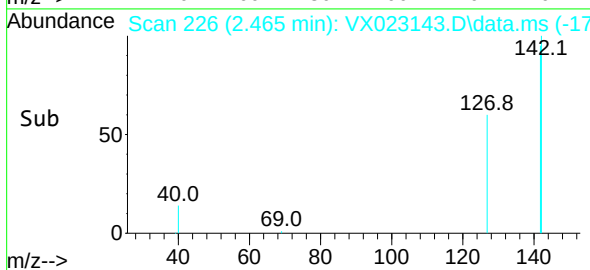
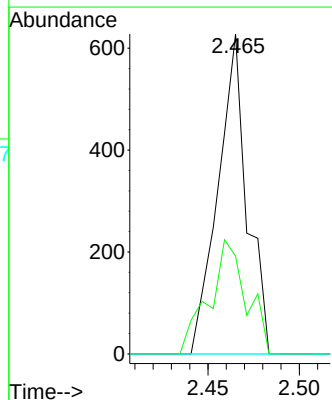
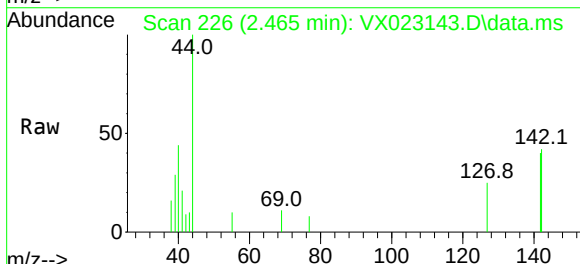
Instrument :
MSVOA_X
ClientSampled :

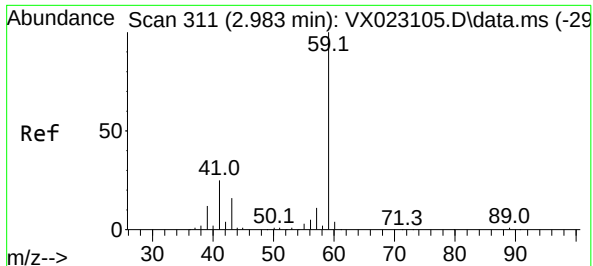
Tgt Ion: 94 Resp: 804
Ion Ratio Lower Upper
94 100
96 54.2 76.4 114.6#



#10
Methyl Iodide
Concen: 0.212 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

Tgt Ion: 142 Resp: 693
Ion Ratio Lower Upper
142 100
127 45.9 33.3 49.9
141 0.0 11.4 17.0#

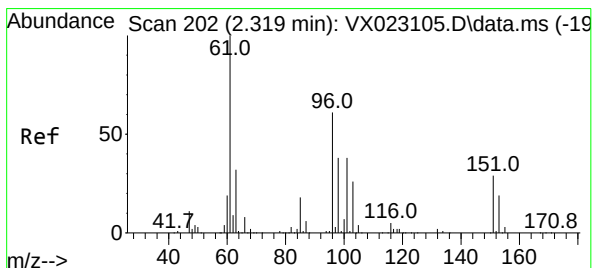
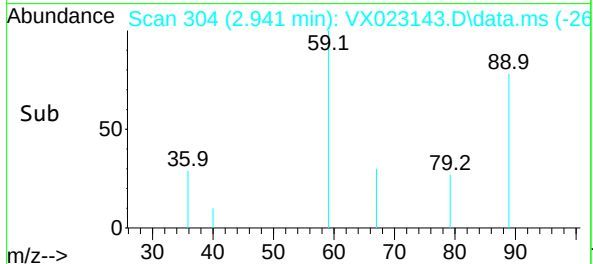
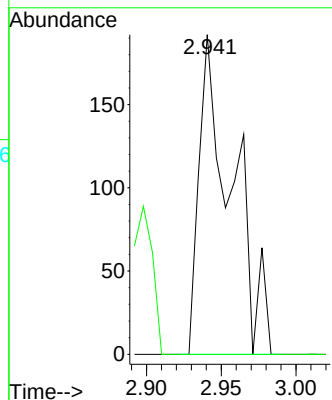
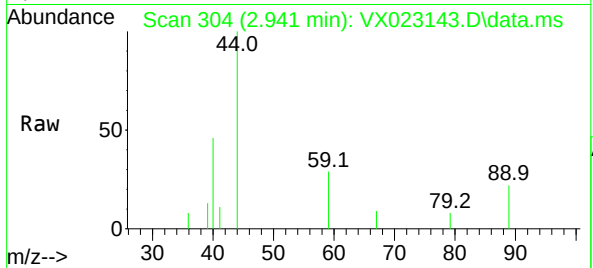




#11
Tert butyl alcohol
Concen: 0.377 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

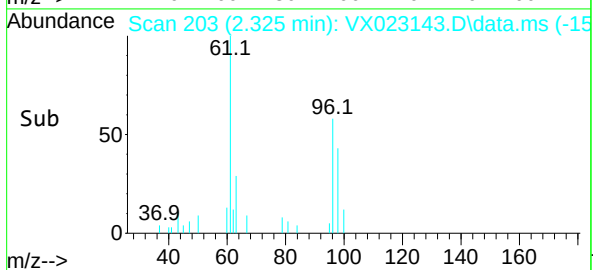
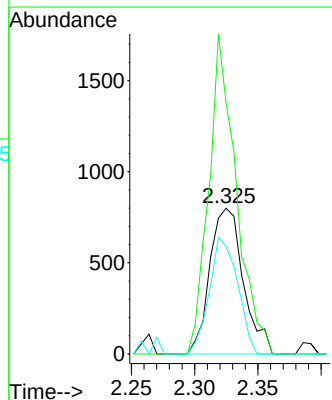
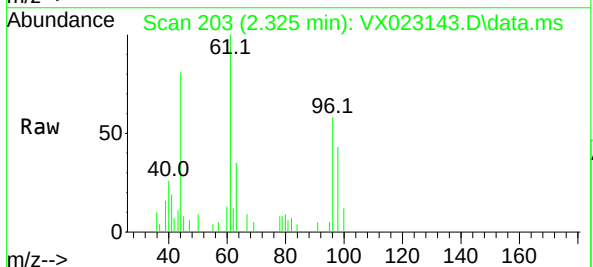
Instrument :
MSVOA_X
ClientSampled :

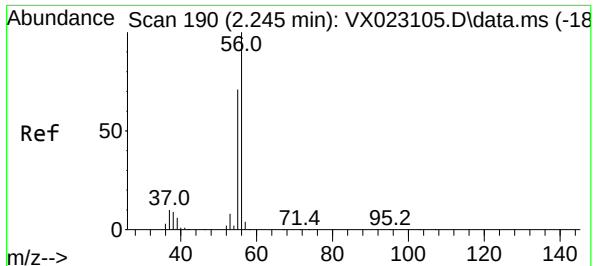
Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.598 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

Tgt Ion: 96 Resp: 1471
Ion Ratio Lower Upper
96 100
61 171.8 124.6 187.0
98 73.8 50.6 76.0

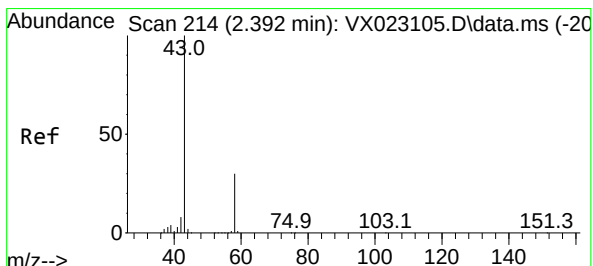
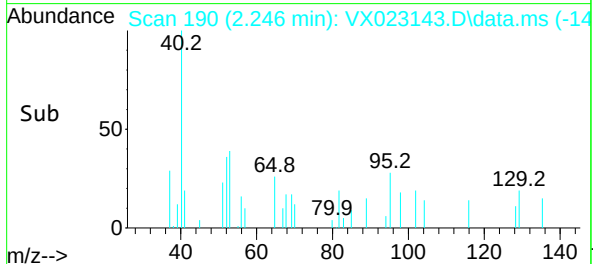
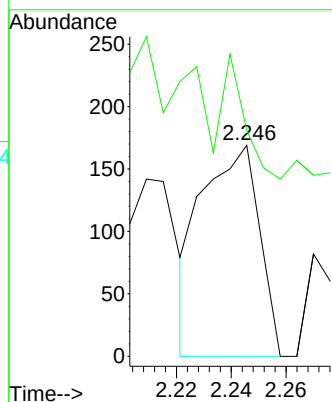
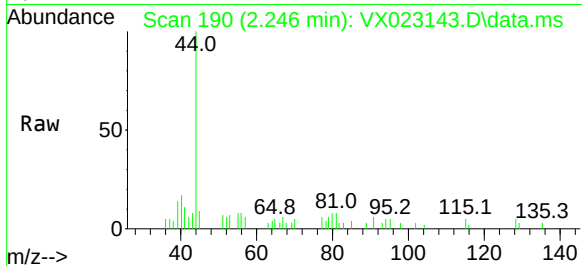




#13
Acrolein
Concen: 0.473 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

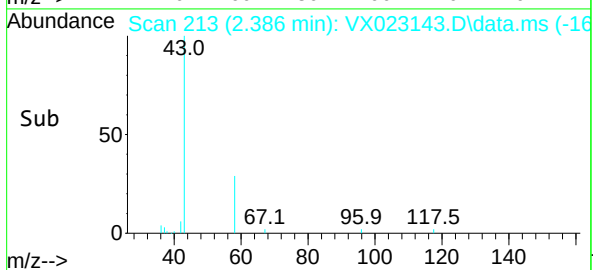
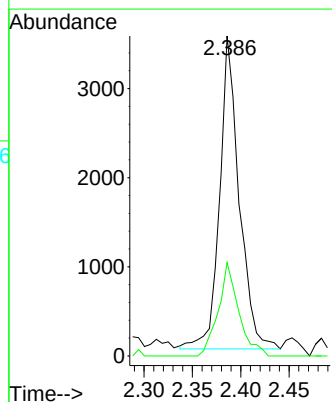
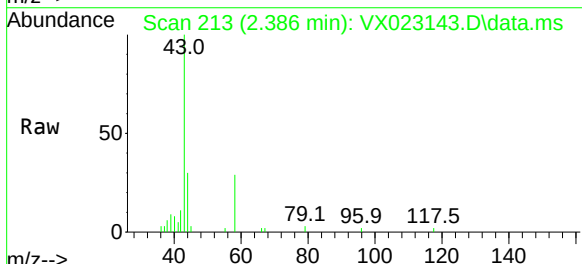
Instrument :
MSVOA_X
ClientSampled :

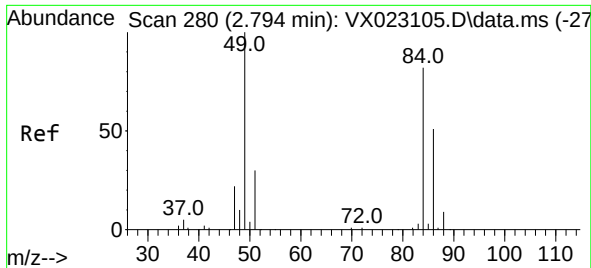
Tgt Ion: 56 Resp: 246
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 3.368 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

Tgt Ion: 43 Resp: 4946
Ion Ratio Lower Upper
43 100
58 29.9 27.8 41.8



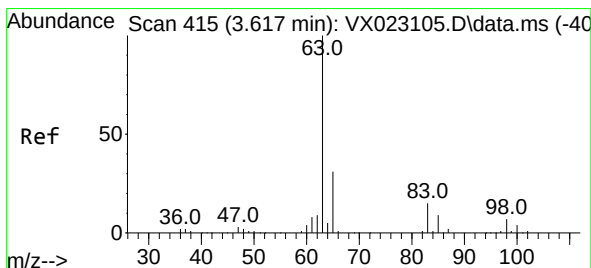
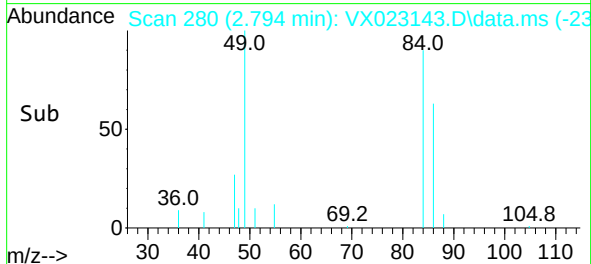
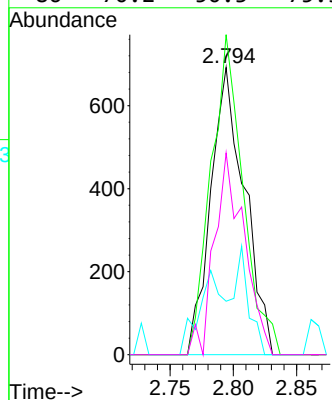
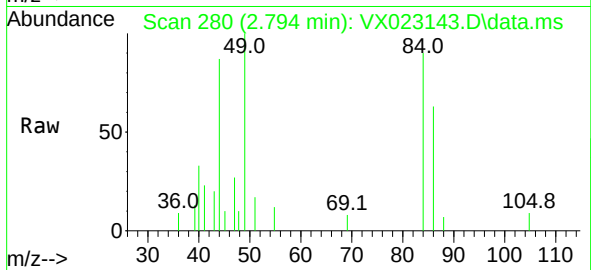


#20
Methylene Chloride
Concen: 0.406 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 1284

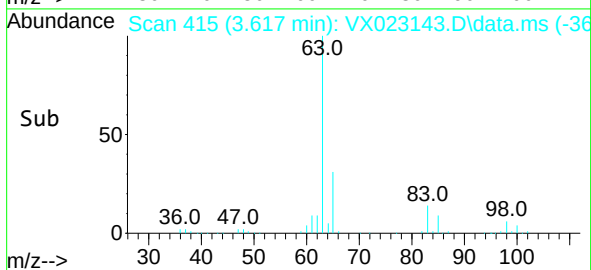
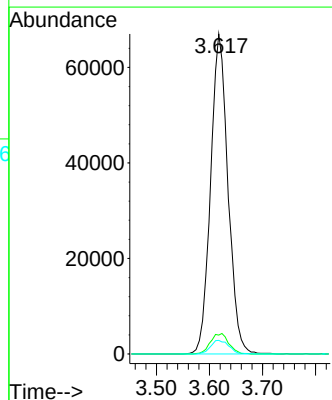
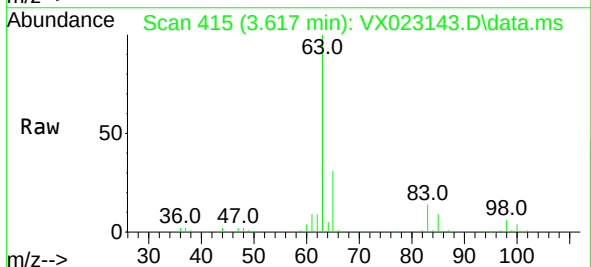
Ion	Ratio	Lower	Upper
84	100		
49	111.4	88.6	132.8
51	18.6	27.0	40.6#
86	70.2	50.3	75.5

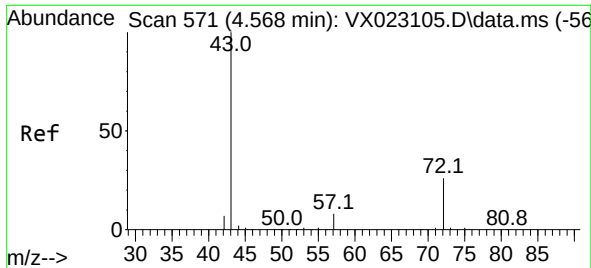


#24
1,1-Dichloroethane
Concen: 29.964 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

Tgt Ion: 63 Resp: 152690

Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.8	11.2
100	4.2	2.5	7.5

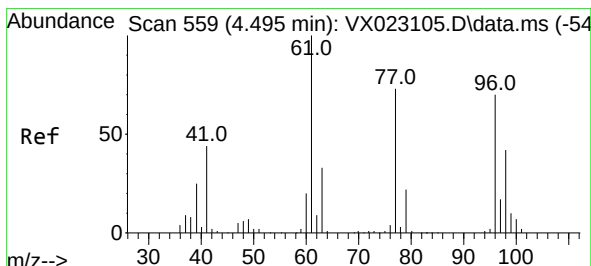
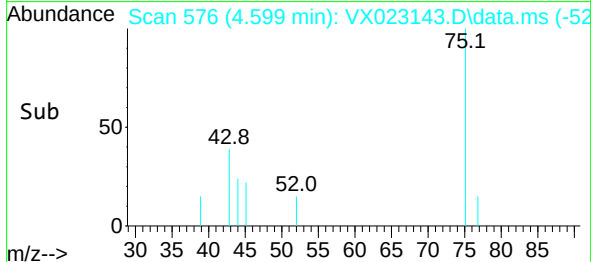
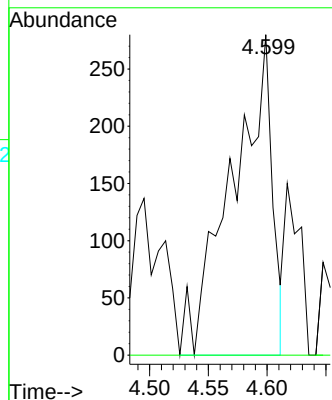
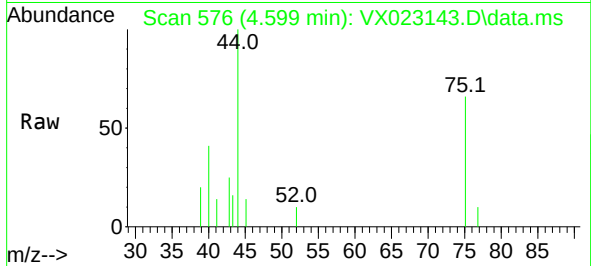




#25
2-Butanone
Concen: 0.299 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

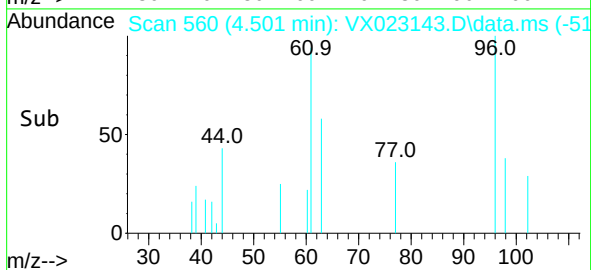
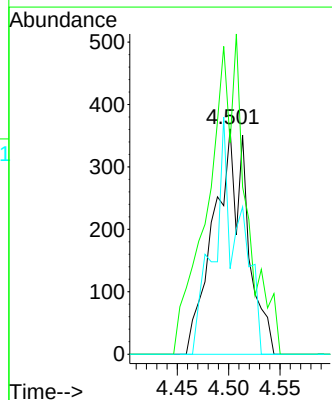
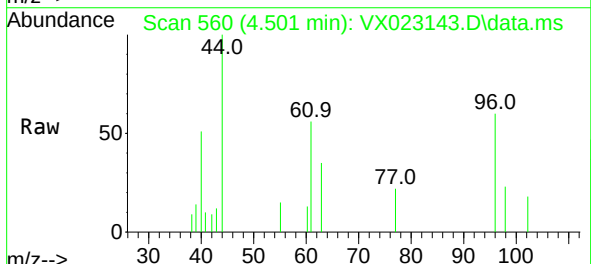
Instrument :
MSVOA_X
ClientSampled :

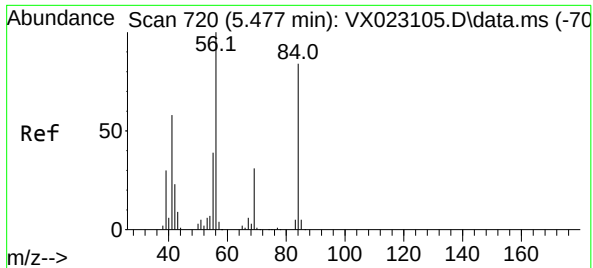
Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 0.255 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

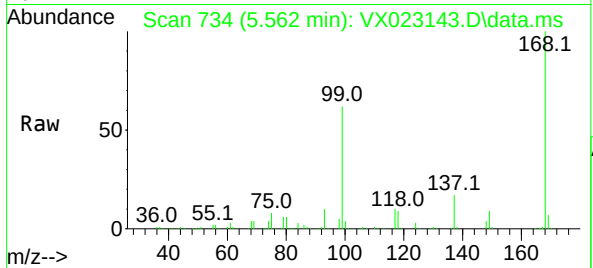
Tgt Ion: 96 Resp: 820
Ion Ratio Lower Upper
96 100
61 159.8 0.0 285.6
98 56.1 0.0 129.6



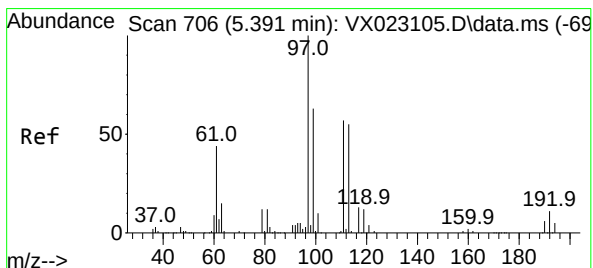
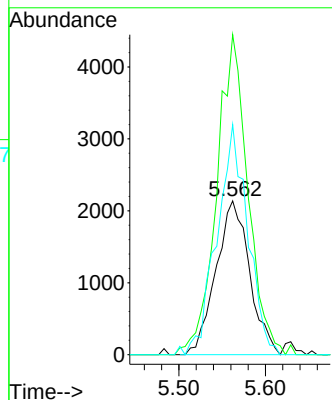
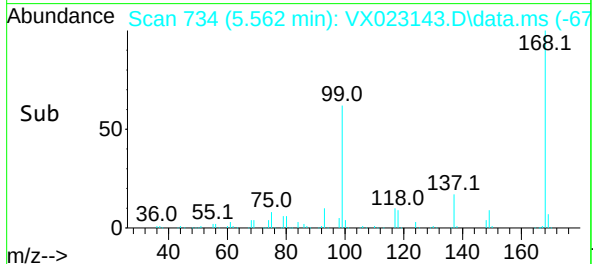


#31
Cyclohexane
Concen: 1.300 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

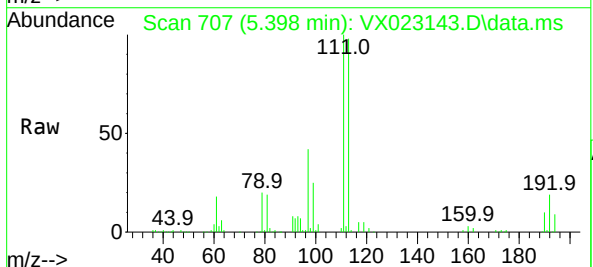
Instrument :
MSVOA_X
ClientSampled :



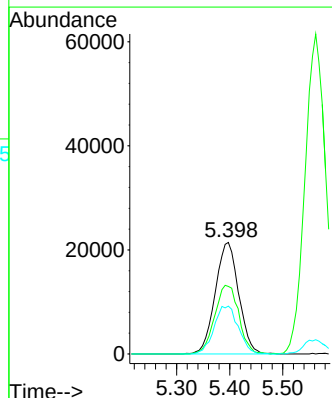
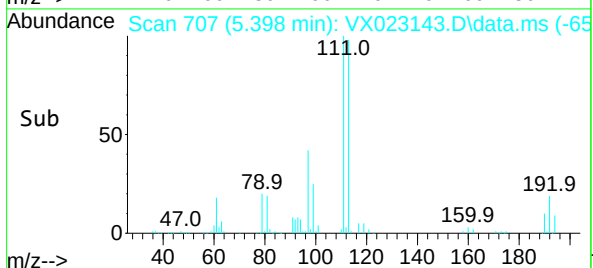
Tgt Ion: 56 Resp: 5777
Ion Ratio Lower Upper
56 100
69 203.5 25.3 37.9#
84 149.5 71.4 107.0#

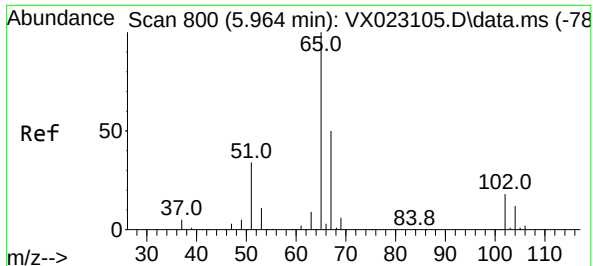


#32
1,1,1-Trichloroethane
Concen: 13.746 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08



Tgt Ion: 97 Resp: 65898
Ion Ratio Lower Upper
97 100
99 63.2 51.5 77.3
61 44.4 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 51.033 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023143.D

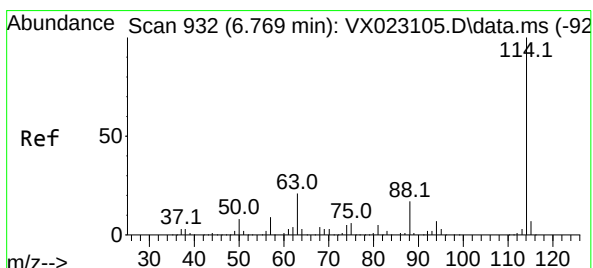
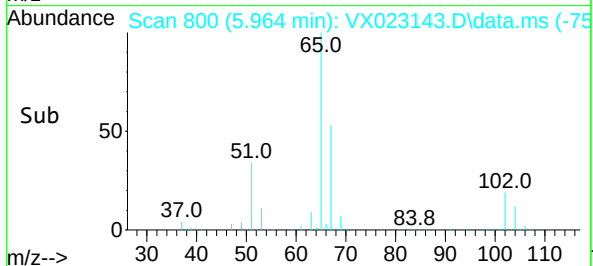
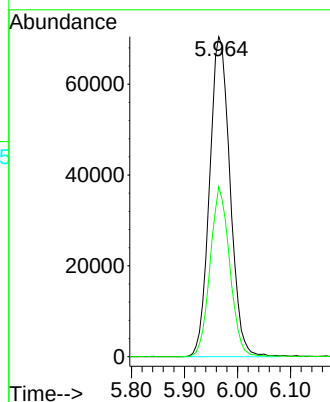
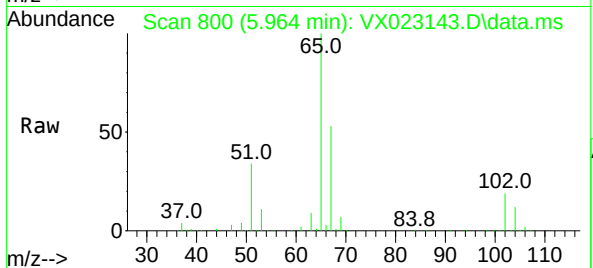
Acq: 06 Jul 2021 14:08

Tgt Ion: 65 Resp: 189417

Ion Ratio Lower Upper

65 100

67 50.6 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX023143.D

Acq: 06 Jul 2021 14:08

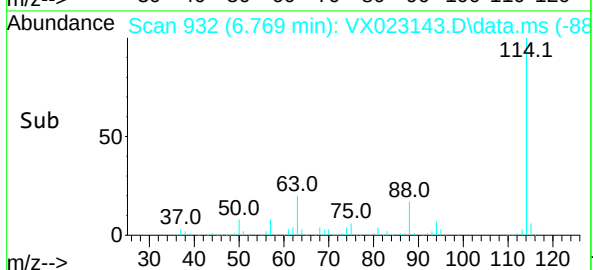
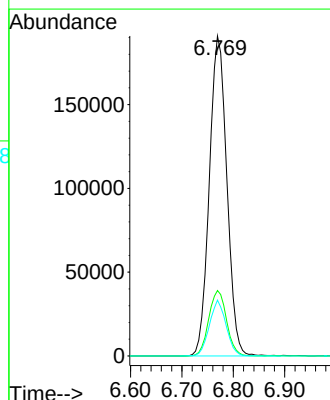
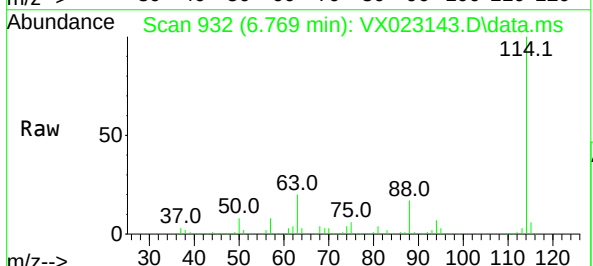
Tgt Ion: 114 Resp: 452194

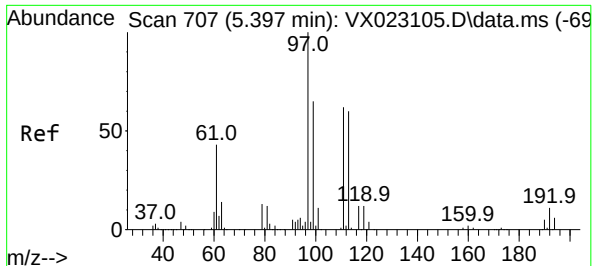
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 17.5 0.0 32.8

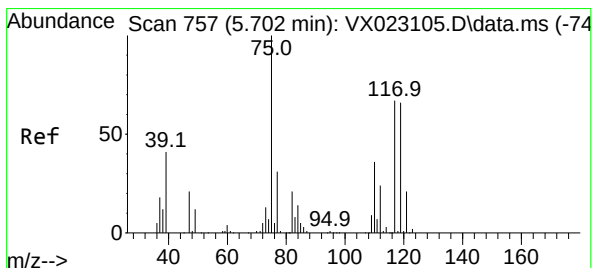
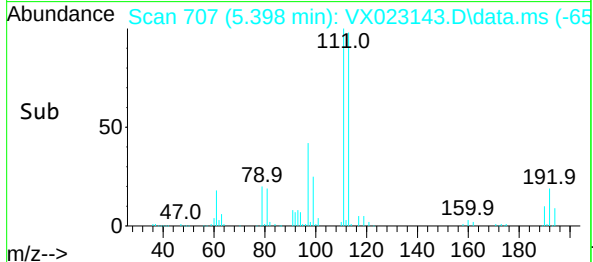
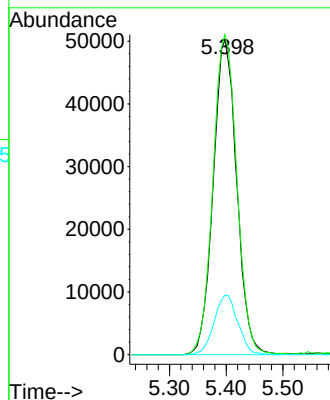
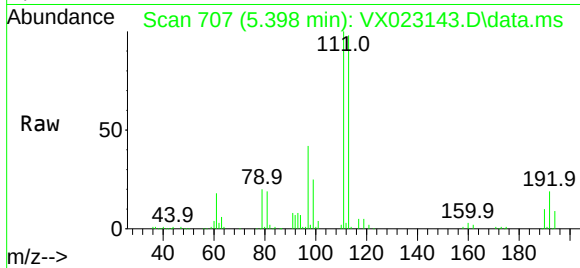




#35
Dibromofluoromethane
Concen: 49.442 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

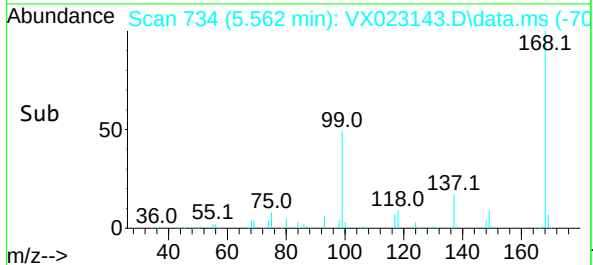
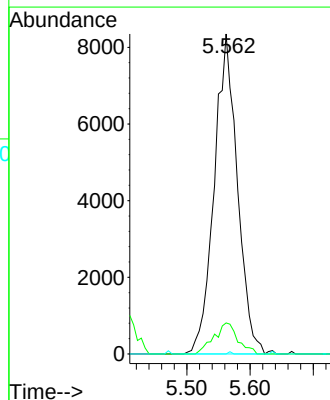
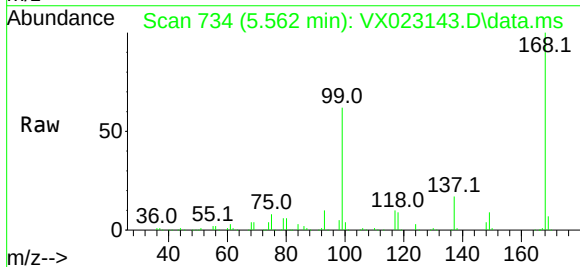
Instrument :
MSVOA_X
ClientSampled :

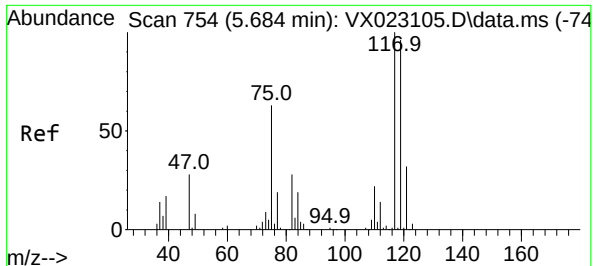
Tgt Ion:113 Resp: 144376
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 19.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.274 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

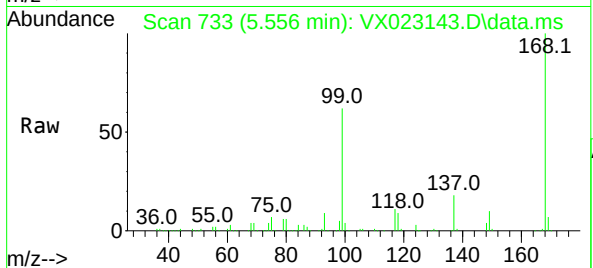
Tgt Ion: 75 Resp: 21259
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.1 25.3 37.9#



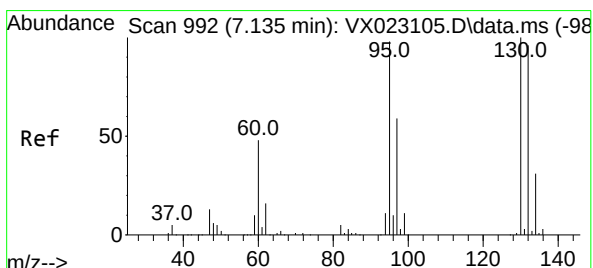
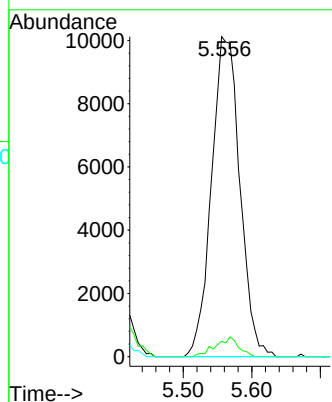
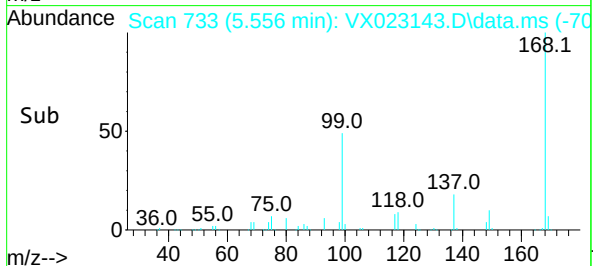


#38
Carbon Tetrachloride
Concen: 6.911 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

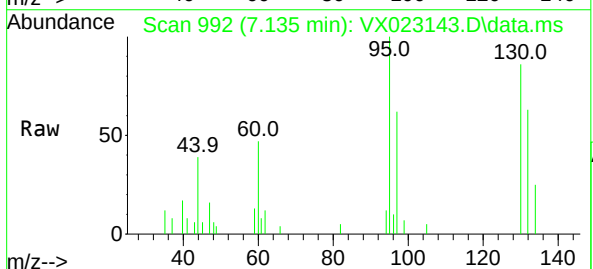
Instrument :
MSVOA_X
ClientSampled :



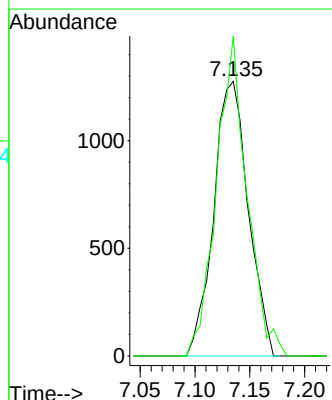
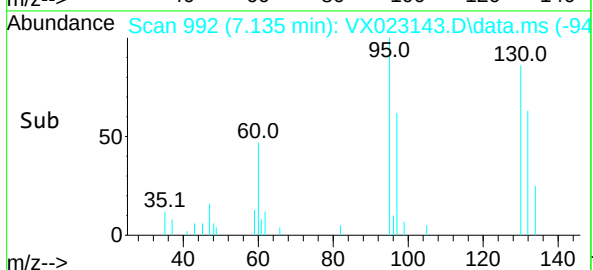
Tgt Ion:117 Resp: 29080
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

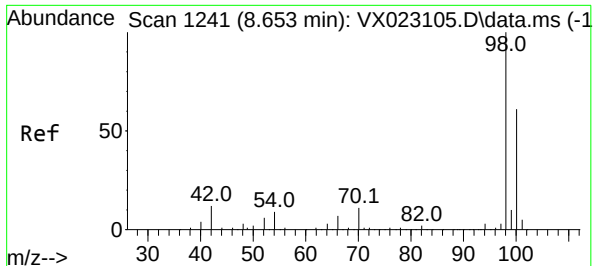


#44
Trichloroethene
Concen: 0.842 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08



Tgt Ion:130 Resp: 2797
Ion Ratio Lower Upper
130 100
95 116.5 0.0 198.0

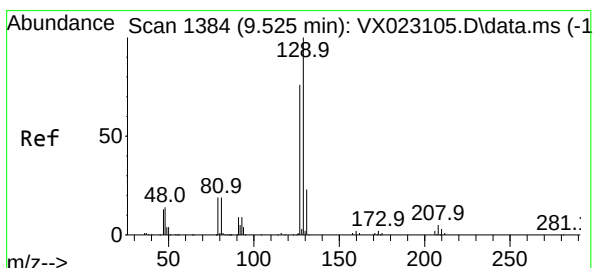
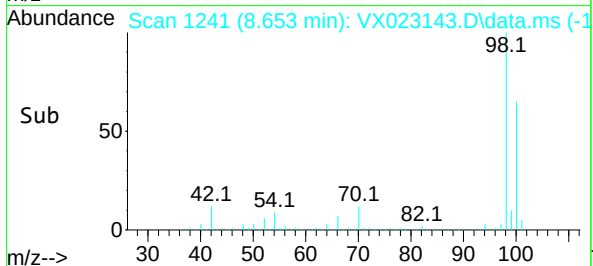
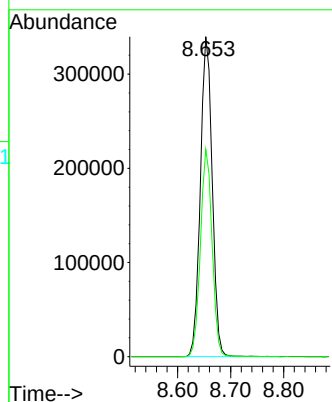
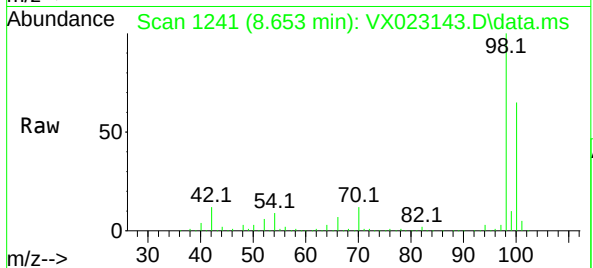




#50
Toluene-d8
Concen: 48.457 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

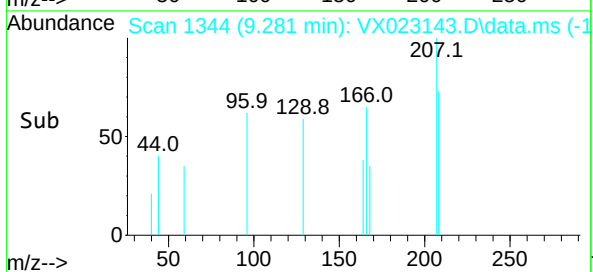
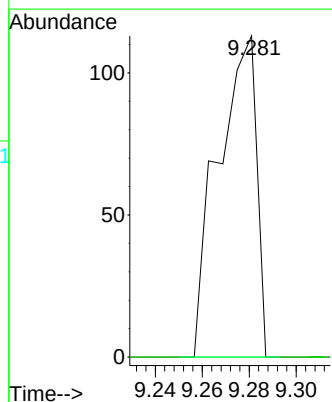
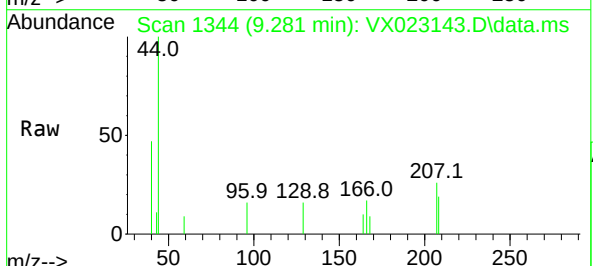
Instrument :
MSVOA_X
ClientSampled :

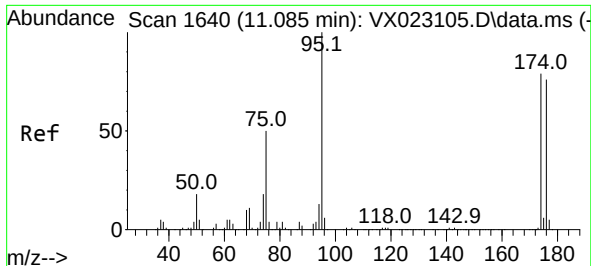
Tgt Ion: 98 Resp: 527820
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#60
Dibromochloromethane
Concen: 3.146 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

Tgt Ion: 129 Resp: 128
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

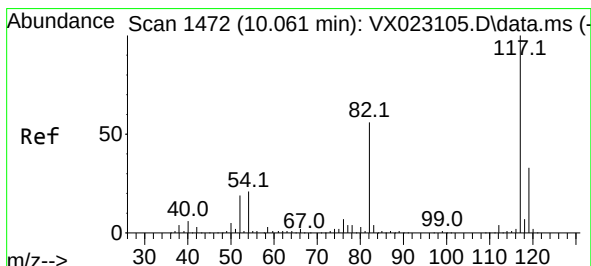
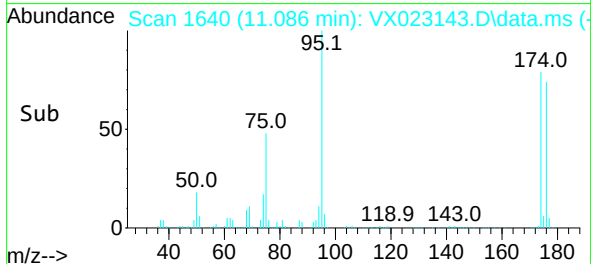
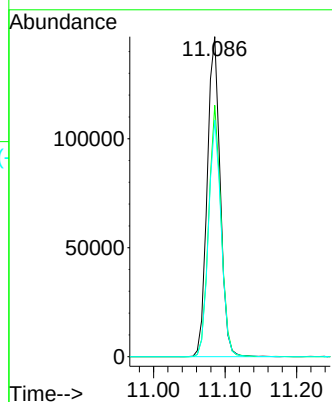
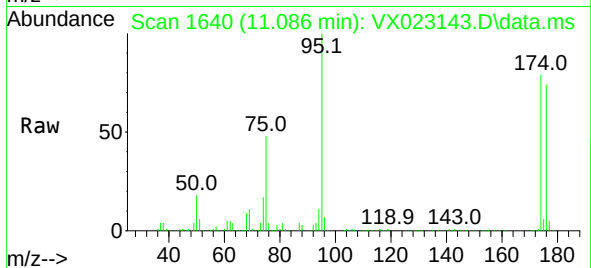




#62
4-Bromofluorobenzene
Concen: 44.058 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

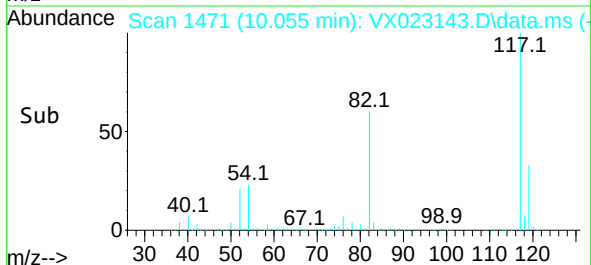
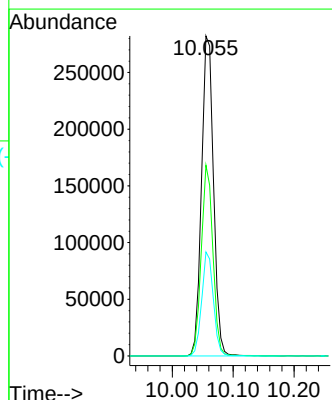
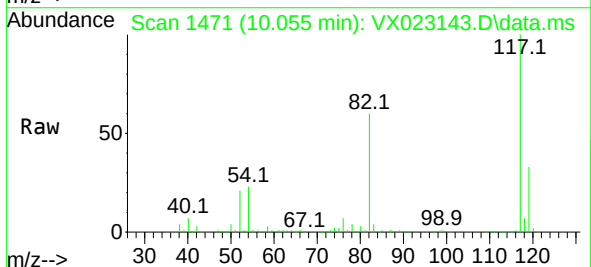
Instrument :
MSVOA_X
ClientSampleId :

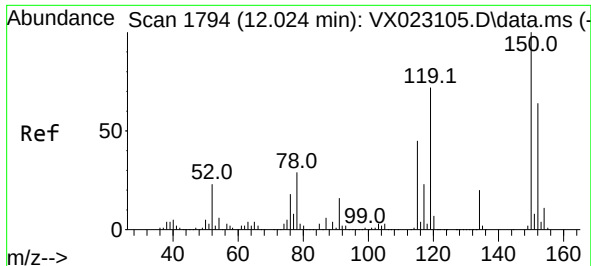
Tgt Ion: 95 Resp: 185270
Ion Ratio Lower Upper
95 100
174 75.2 0.0 154.6
176 72.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

Tgt Ion: 117 Resp: 387234
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 32.5 26.6 39.8

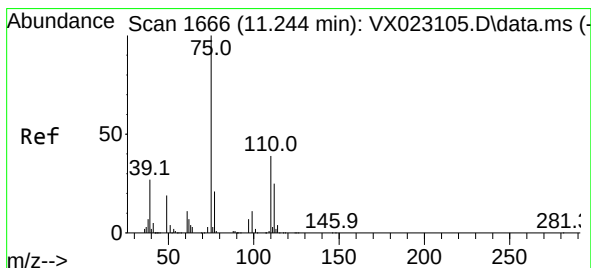
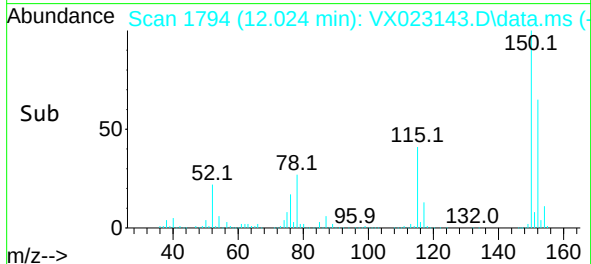
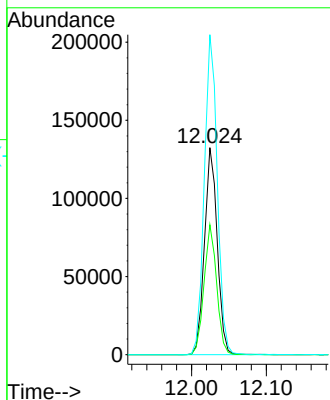
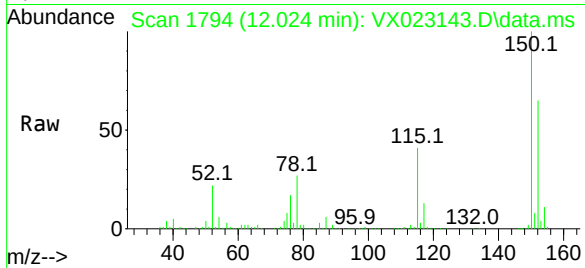




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023143.D
 Acq: 06 Jul 2021 14:08

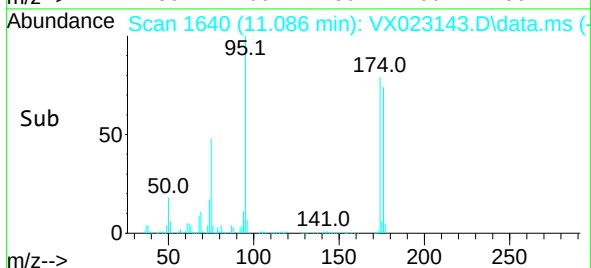
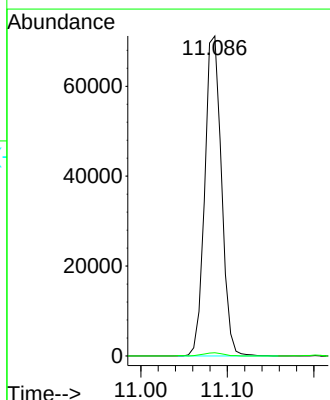
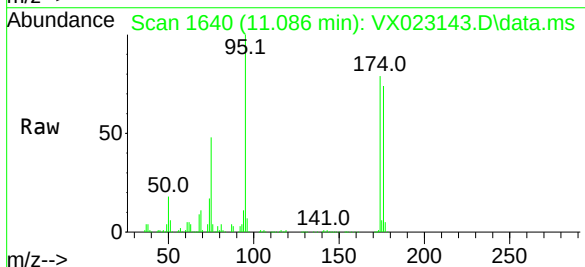
Instrument :
 MSVOA_X
 ClientSampled :

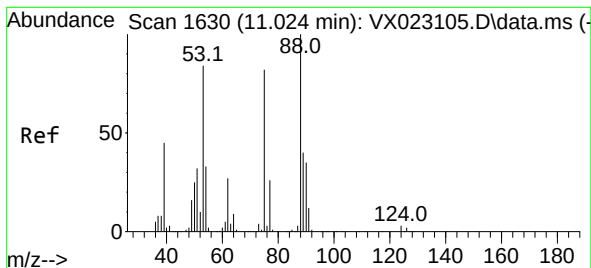
Tgt Ion:152 Resp: 157144
 Ion Ratio Lower Upper
 152 100
 115 62.0 41.1 123.3
 150 156.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 30.154 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX023143.D
 Acq: 06 Jul 2021 14:08

Tgt Ion: 75 Resp: 95355
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

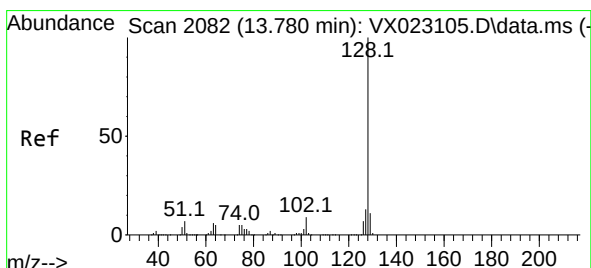
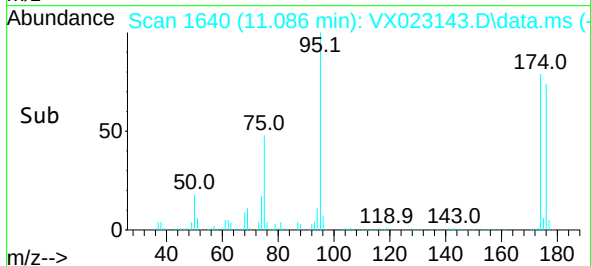
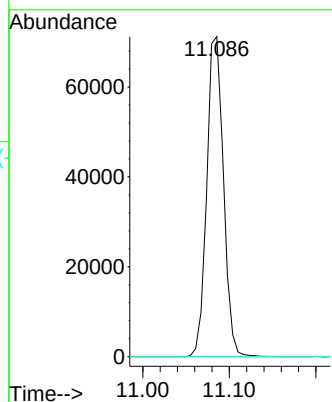
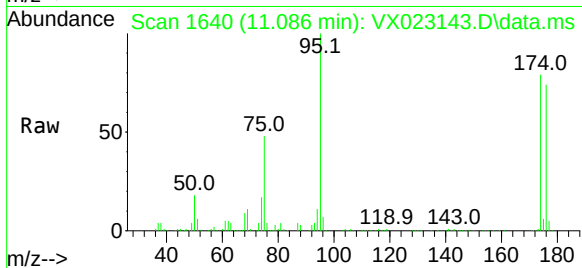




#81
trans-1,4-Dichloro-2-butene
Concen: 80.939 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 95355
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#



#95
Naphthalene
Concen: 1.310 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023143.D
Acq: 06 Jul 2021 14:08

Tgt Ion: 128 Resp: 420
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.0 8.8 13.2

