

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022332.D
 Acq On : 02 Jun 2021 12:43
 Operator : JC/MD
 Sample : M2561-02DL2 800X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 03 02:19:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

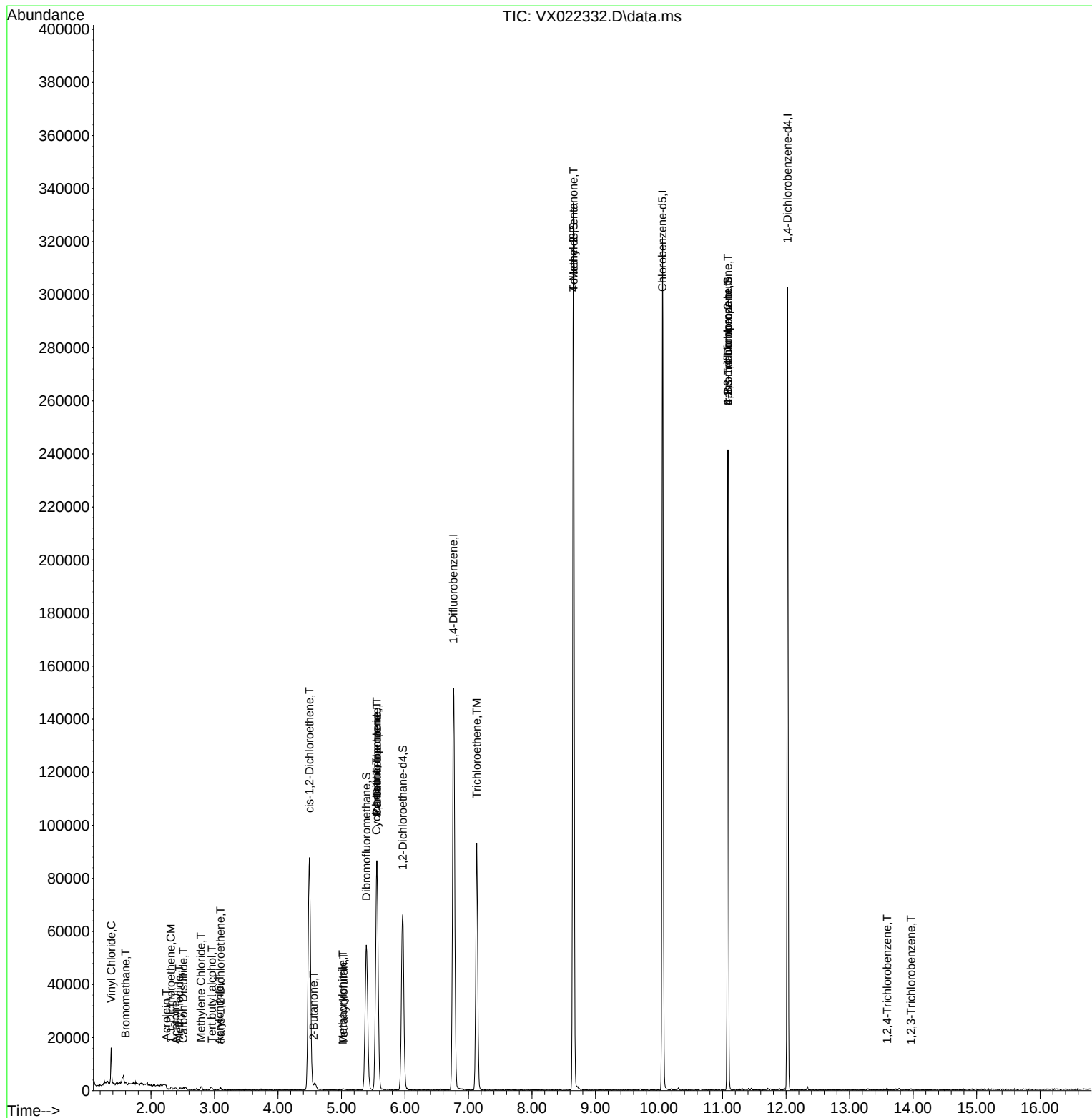
Internal Standards						
1) Pentafluorobenzene	5.556	168	72896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	155465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	62196	55.31	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.62%			
35) Dibromofluoromethane	5.391	113	47297	47.97	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.94%			
50) Toluene-d8	8.653	98	190079	50.05	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.10%			
62) 4-Bromofluorobenzene	11.085	95	66002	47.02	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.04%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	8066	7.97	ug/l	97
5) Bromomethane	1.599	94	232	0.39	ug/l #	44
10) Methyl Iodide	2.447	142	677	0.73	ug/l #	85
11) Tert butyl alcohol	2.959	59	692	2.69	ug/l #	73
12) 1,1-Dichloroethene	2.313	96	283	0.34	ug/l	91
13) Acrolein	2.239	56	58	0.34	ug/l #	54
15) Acrylonitrile	3.081	53	156	0.31	ug/l #	18
16) Acetone	2.386	43	780	1.59	ug/l #	75
17) Carbon Disulfide	2.508	76	909	0.42	ug/l #	75
20) Methylene Chloride	2.788	84	537	0.49	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	268	0.29	ug/l #	81
25) 2-Butanone	4.562	43	191	0.24	ug/l #	45
27) cis-1,2-Dichloroethene	4.495	96	54134	48.98	ug/l	92
29) Tetrahydrofuran	5.032	42	370	0.78	ug/l #	37
31) Cyclohexane	5.550	56	2189	1.55	ug/l #	36
36) 1,1-Dichloropropene	5.556	75	7033	4.89	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8840	6.29	ug/l #	16
41) Methacrylonitrile	5.019	41	217	0.23	ug/l #	29
44) Trichloroethene	7.129	130	31062	28.26	ug/l	90
51) 4-Methyl-2-Pentanone	8.653	43	1057	0.61	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	34256	27.04	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	34256	64.06	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	216	0.21	ug/l	83
96) 1,2,3-Trichlorobenzene	13.969	180	226	0.22	ug/l #	47

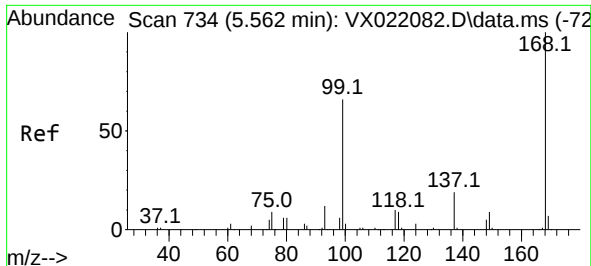
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 03 02:19:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

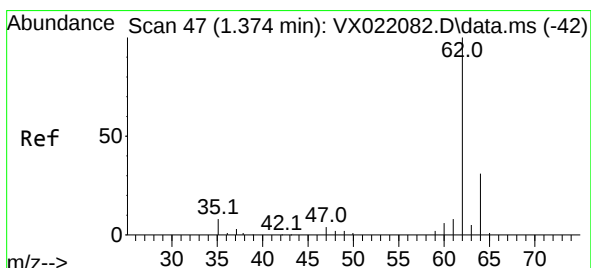
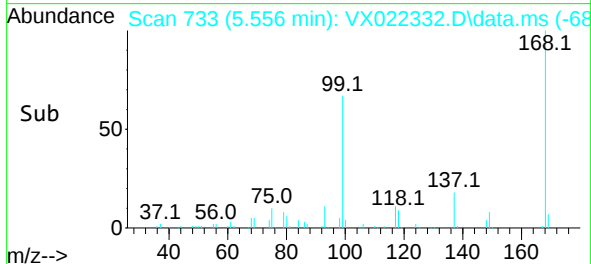
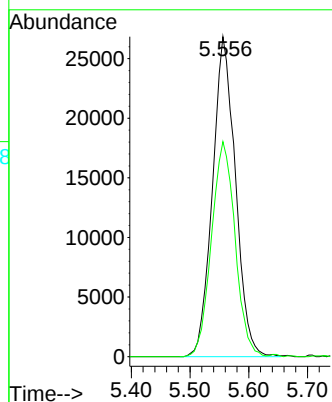
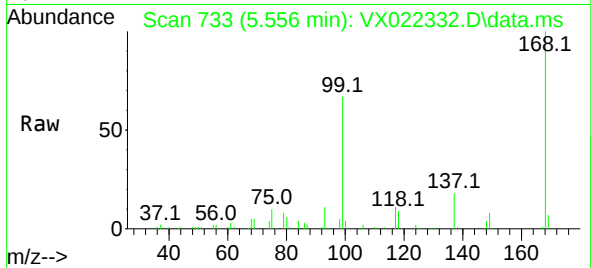




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

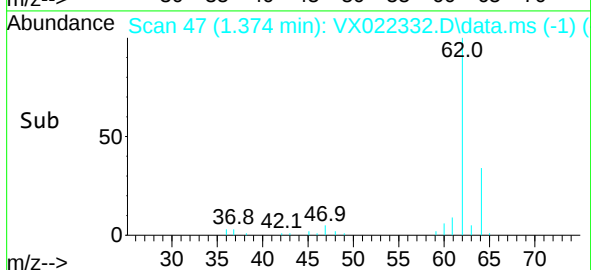
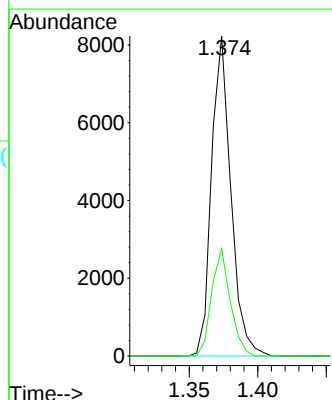
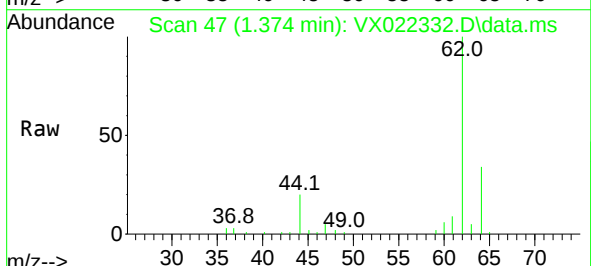
Instrument :
MSVOA_X
ClientSampled :

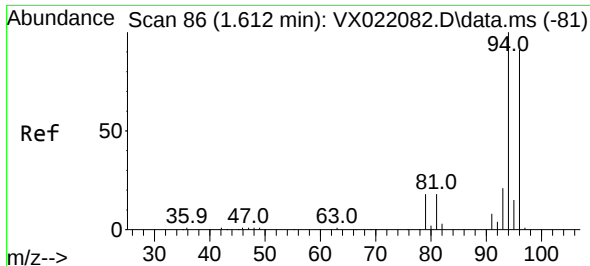
Tgt Ion:168 Resp: 72896
Ion Ratio Lower Upper
168 100
99 67.2 45.8 68.6



#4
Vinyl Chloride
Concen: 7.97 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

Tgt Ion: 62 Resp: 8066
Ion Ratio Lower Upper
62 100
64 33.5 25.7 38.5

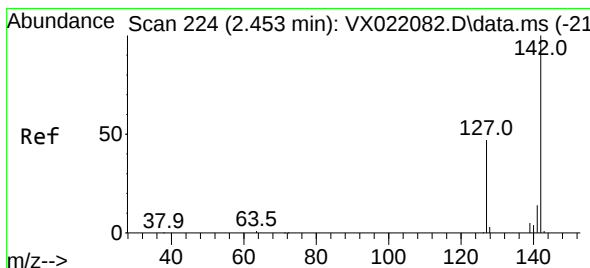
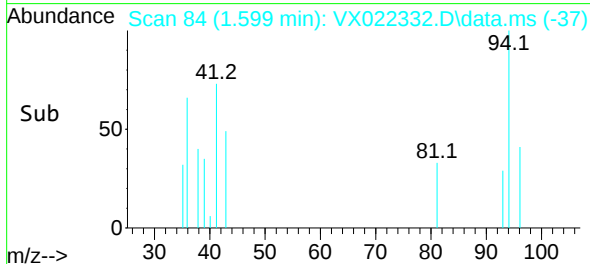
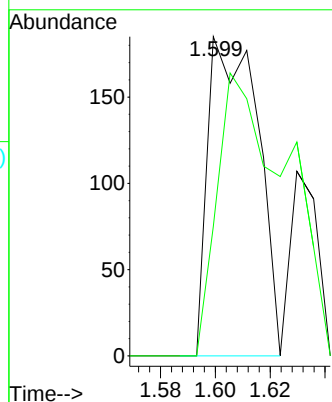
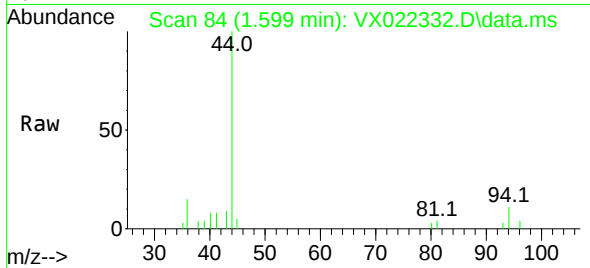




#5
Bromomethane
Concen: 0.39 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.013 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

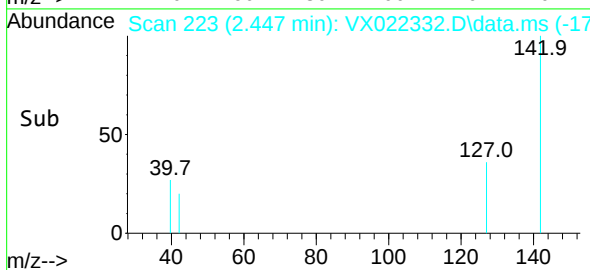
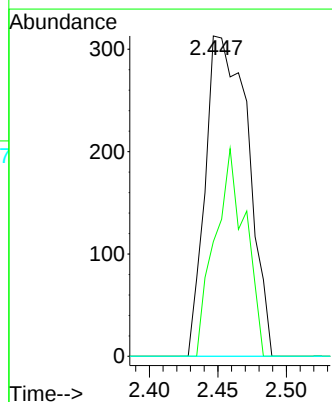
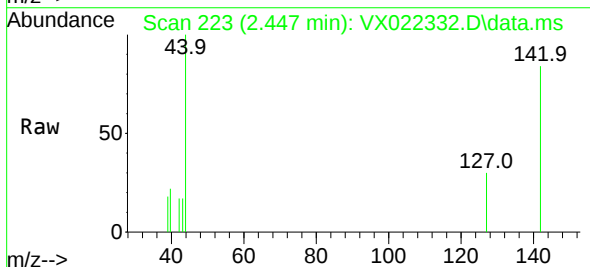
Instrument :
MSVOA_X
ClientSampled :

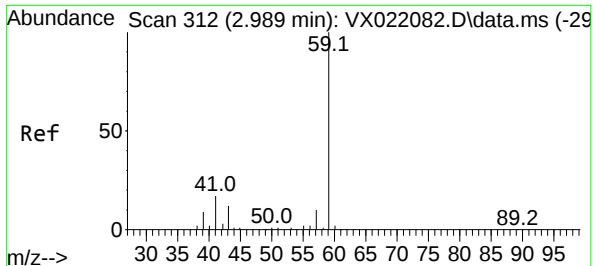
Tgt Ion: 94 Resp: 232
Ion Ratio Lower Upper
94 100
96 40.5 76.4 114.6#



#10
Methyl Iodide
Concen: 0.73 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

Tgt Ion: 142 Resp: 677
Ion Ratio Lower Upper
142 100
127 46.5 33.3 49.9
141 0.0 11.4 17.0#



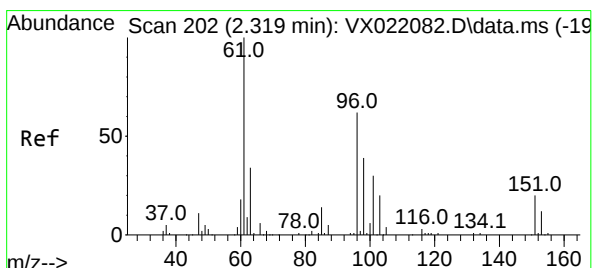
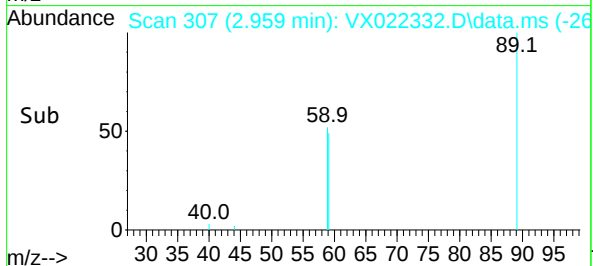
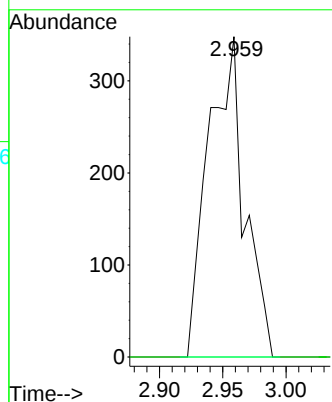
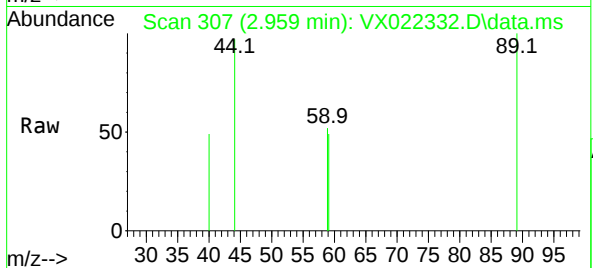


#11

Tert butyl alcohol
Concen: 2.69 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

Instrument :
MSVOA_X
ClientSampled :

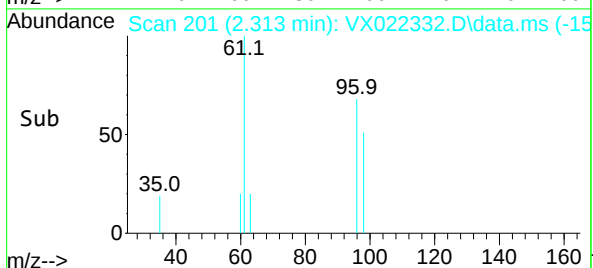
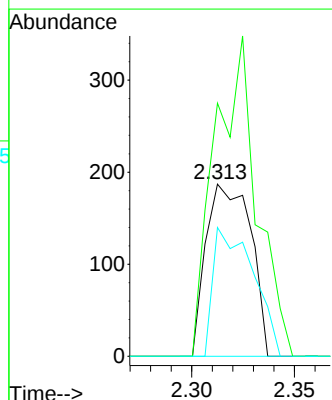
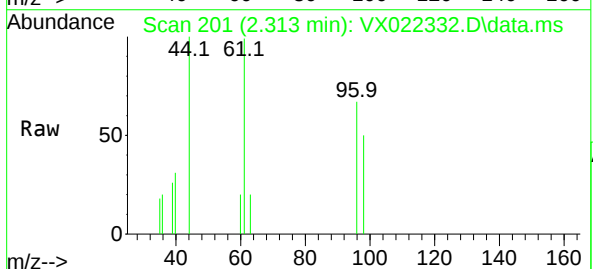
Tgt Ion: 59 Resp: 692
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

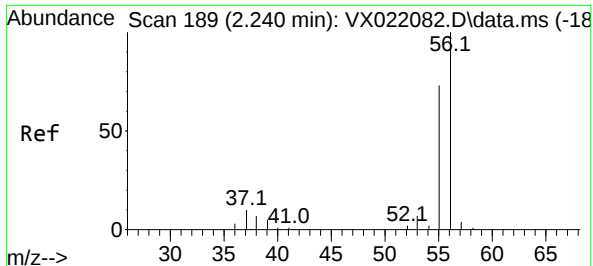


#12

1,1-Dichloroethene
Concen: 0.34 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

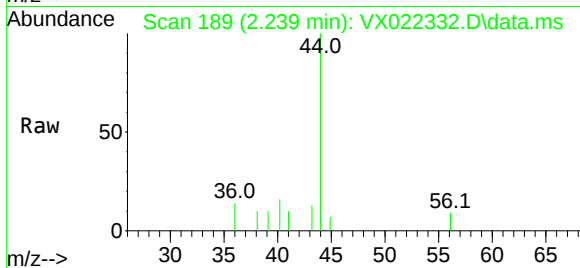
Tgt Ion: 96 Resp: 283
Ion Ratio Lower Upper
96 100
61 147.1 124.6 187.0
98 74.9 50.6 76.0



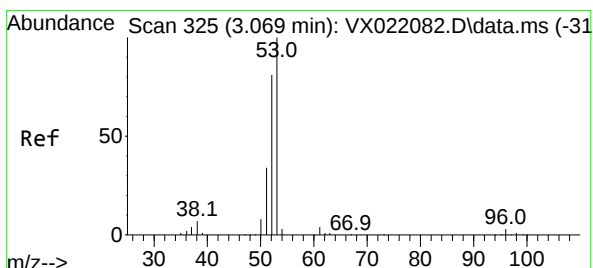
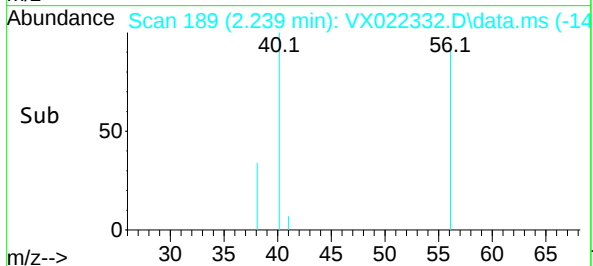
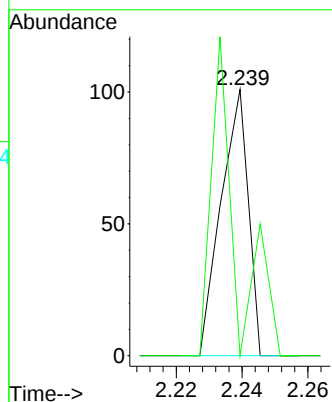


#13
Acrolein
Concen: 0.34 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.001 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

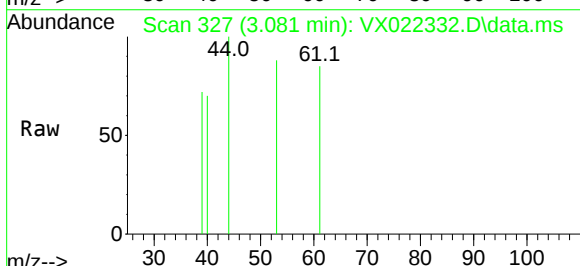
Instrument :
MSVOA_X
ClientSampled :



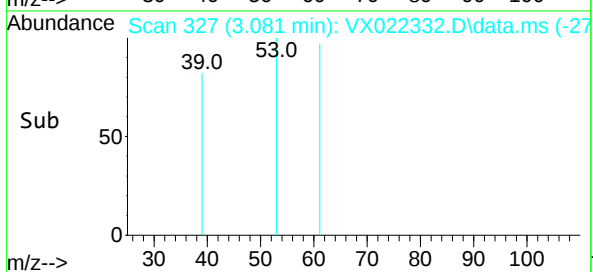
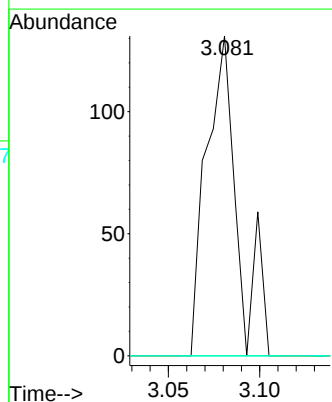
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 108.6 56.4 84.6#

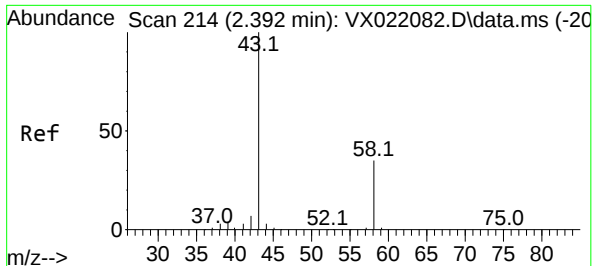


#15
Acrylonitrile
Concen: 0.31 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.012 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43



Tgt Ion: 53 Resp: 156
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.2 42.2#

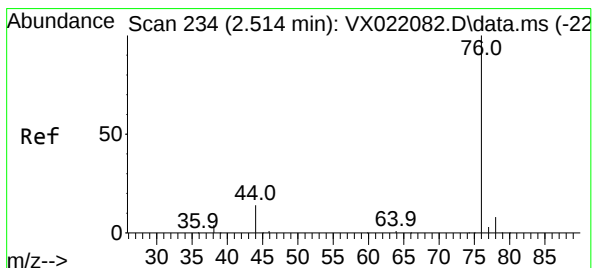
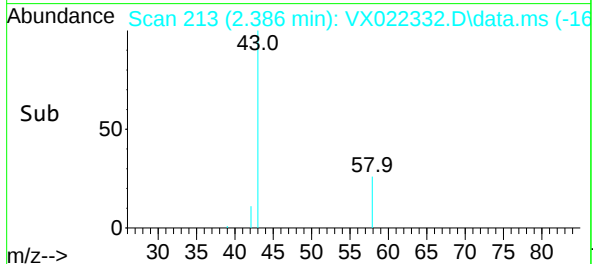
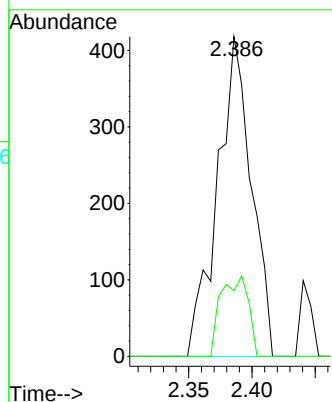
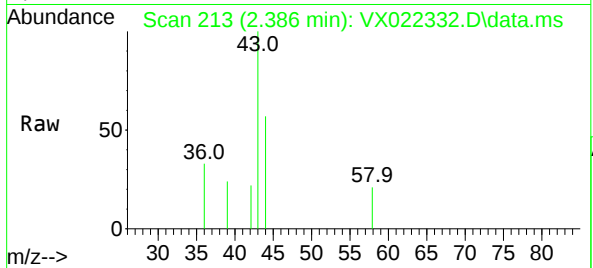




#16
Acetone
Concen: 1.59 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

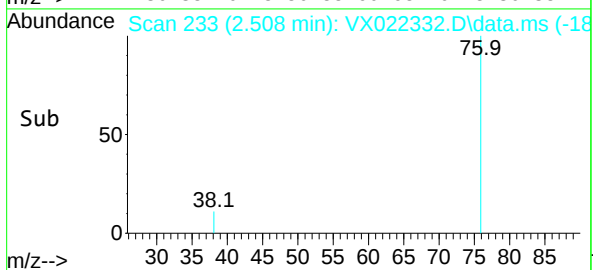
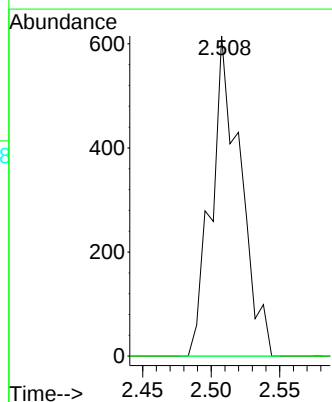
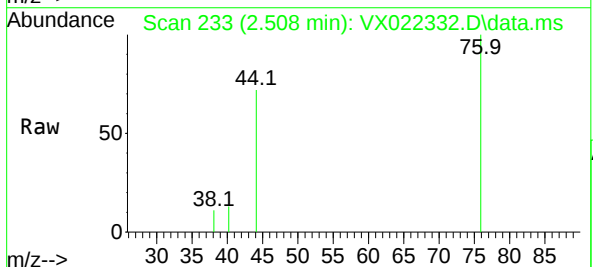
Instrument :
MSVOA_X
ClientSampled :

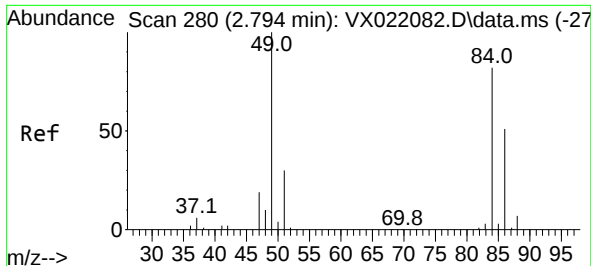
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 20.6 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.42 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

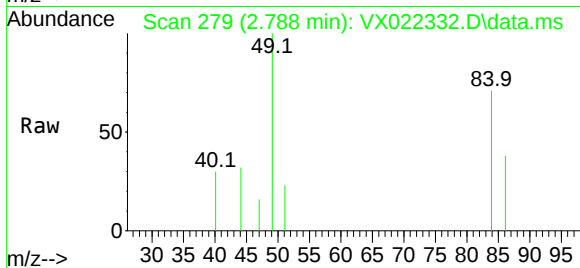
Tgt Ion: 76 Resp: 909
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





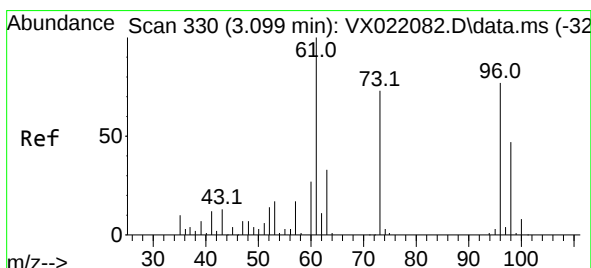
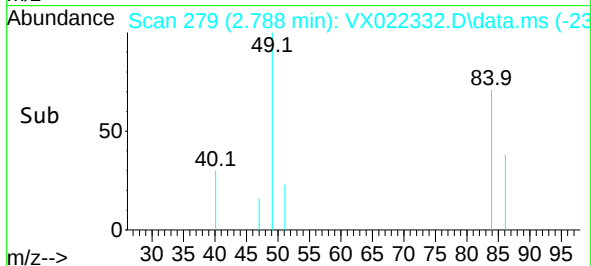
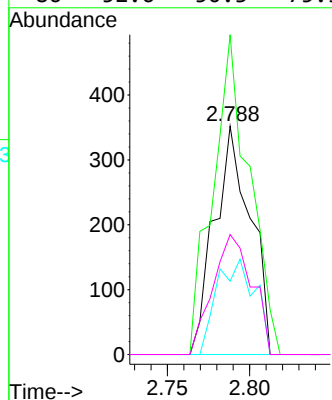
#20
Methylene Chloride
Concen: 0.49 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 537

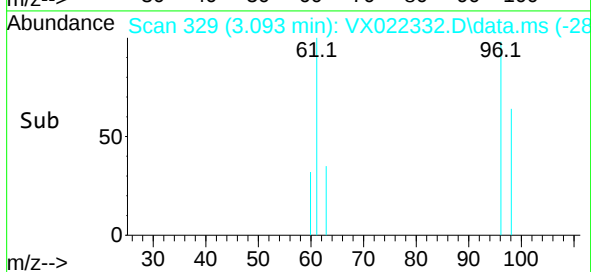
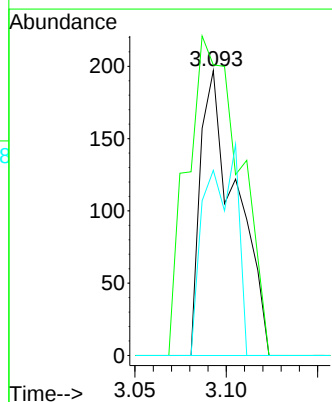
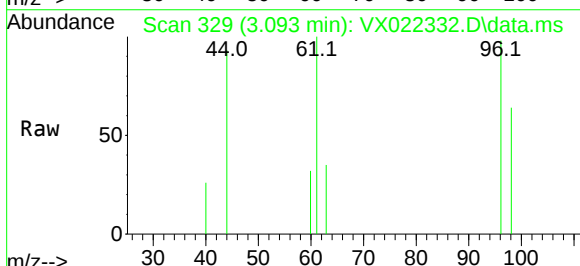
Ion	Ratio	Lower	Upper
84	100		
49	140.1	88.6	132.8#
51	32.1	27.0	40.6
86	52.6	50.3	75.5

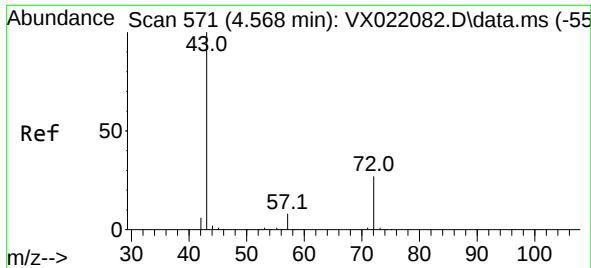


#21
trans-1,2-Dichloroethene
Concen: 0.29 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

Tgt Ion: 96 Resp: 268

Ion	Ratio	Lower	Upper
96	100		
61	102.0	107.7	161.5#
98	65.0	50.4	75.6

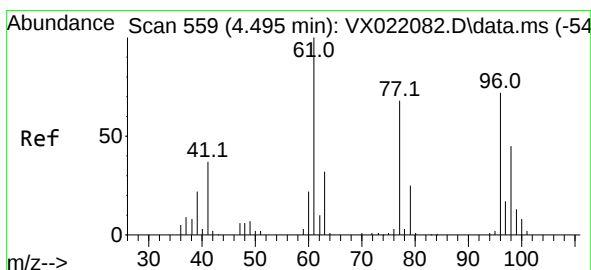
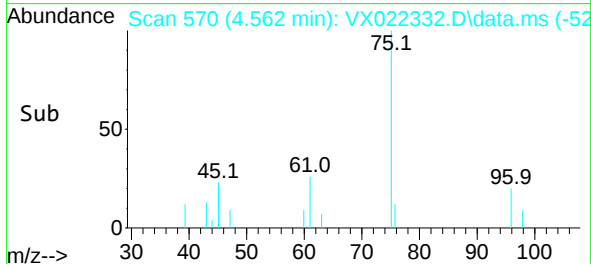
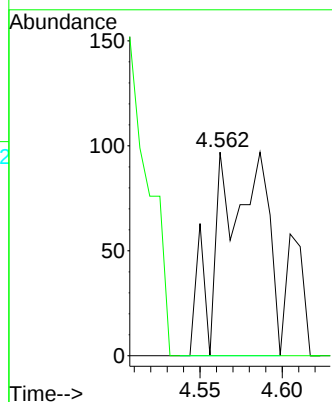
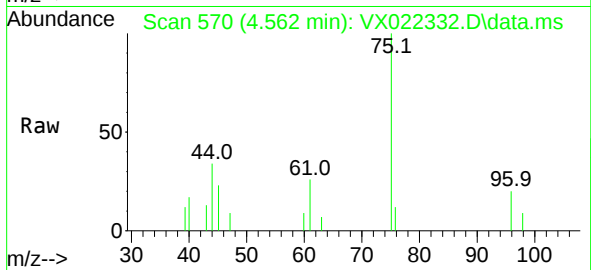




#25
2-Butanone
Concen: 0.24 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

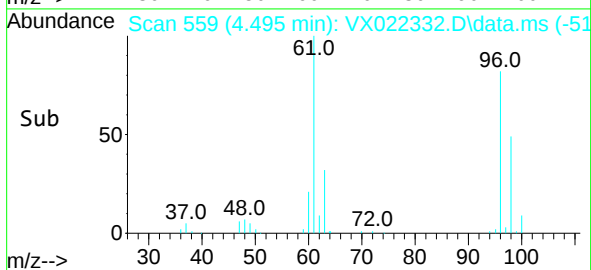
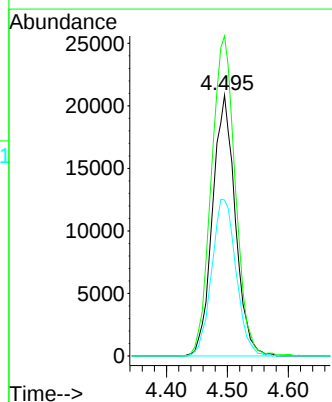
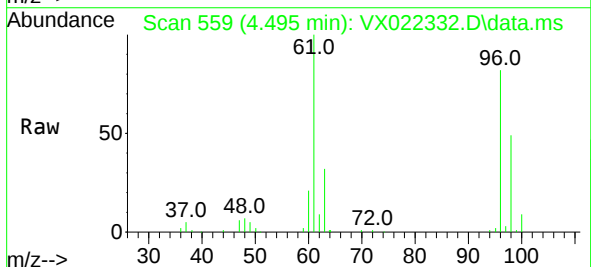
Instrument :
MSVOA_X
ClientSampled :

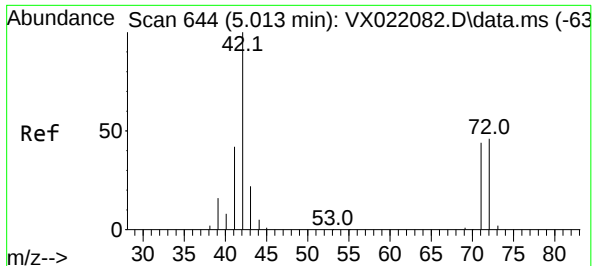
Tgt Ion: 43 Resp: 191
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 48.98 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

Tgt Ion: 96 Resp: 54134
Ion Ratio Lower Upper
96 100
61 129.0 0.0 285.6
98 64.3 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.78 ug/l

RT: 5.032 min Scan# 647

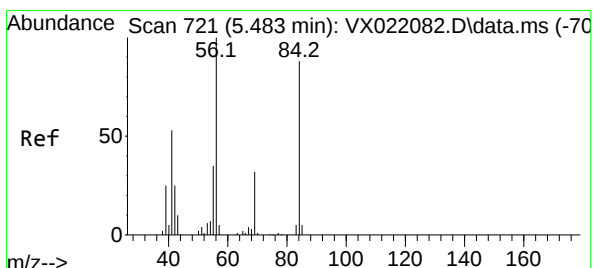
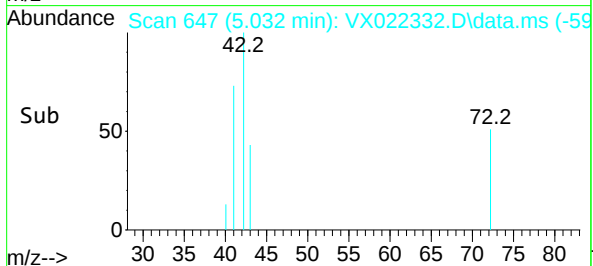
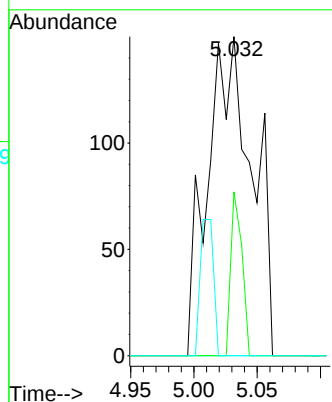
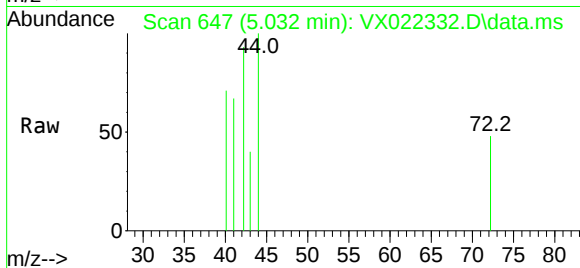
Delta R.T. 0.019 min

Lab File: VX022332.D

Acq: 02 Jun 2021 12:43

Tgt Ion:	42	Resp:	370
Ion	Ratio	Lower	Upper
42	100		
72	12.7	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.55 ug/l

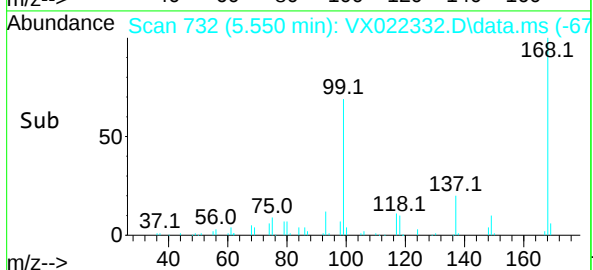
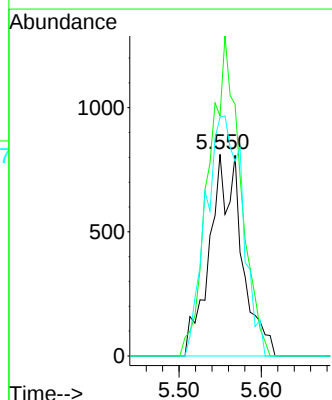
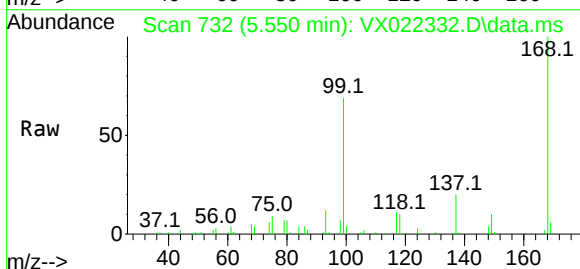
RT: 5.550 min Scan# 732

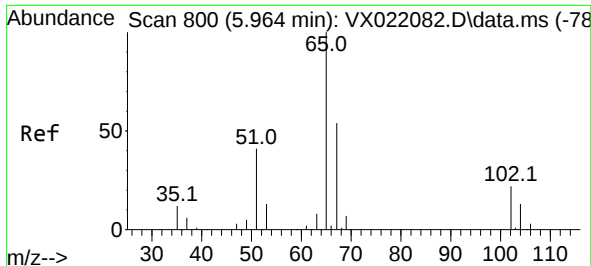
Delta R.T. 0.067 min

Lab File: VX022332.D

Acq: 02 Jun 2021 12:43

Tgt Ion:	56	Resp:	2189
Ion	Ratio	Lower	Upper
56	100		
69	119.1	25.3	37.9#
84	118.5	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 55.31 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022332.D

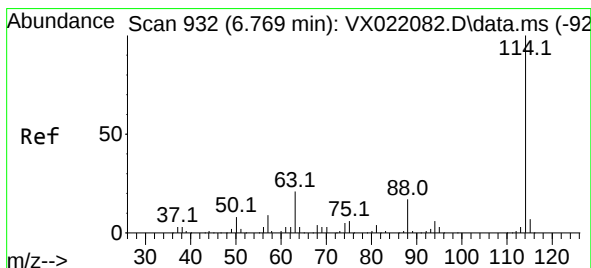
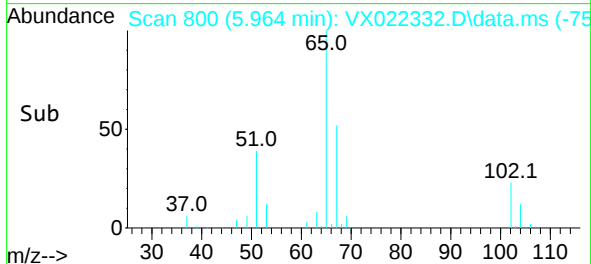
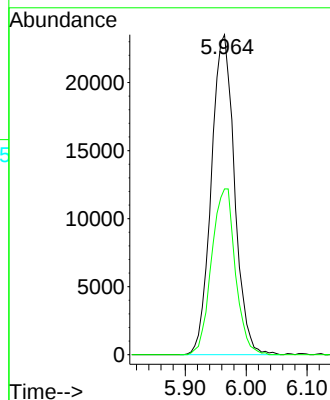
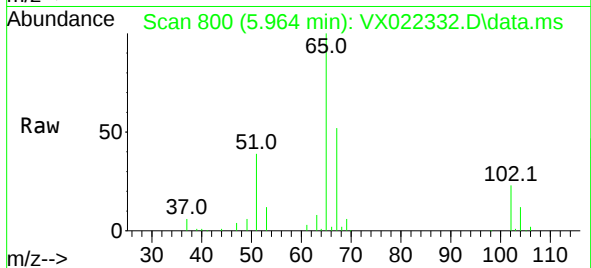
Acq: 02 Jun 2021 12:43

Tgt Ion: 65 Resp: 62196

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX022332.D

Acq: 02 Jun 2021 12:43

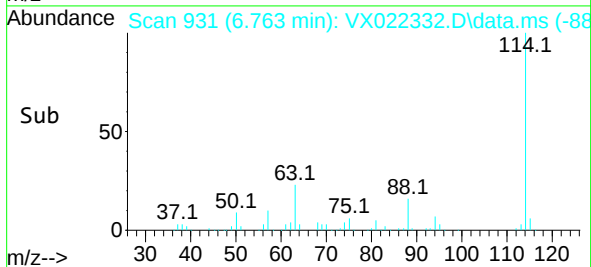
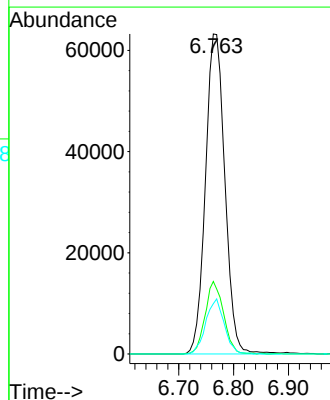
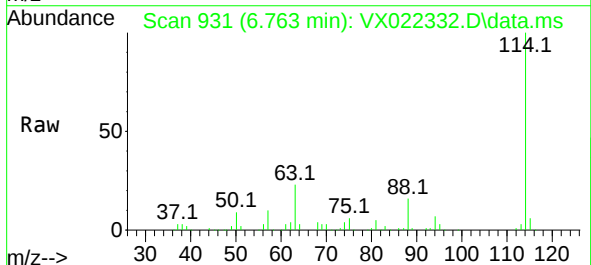
Tgt Ion: 114 Resp: 155465

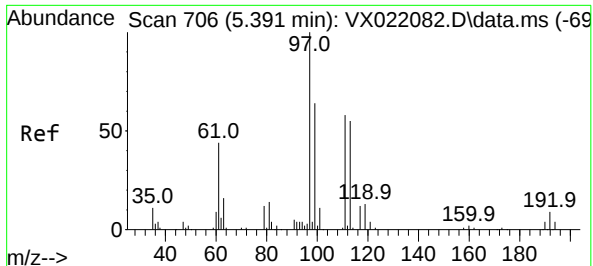
Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.8

88 15.7 0.0 32.8

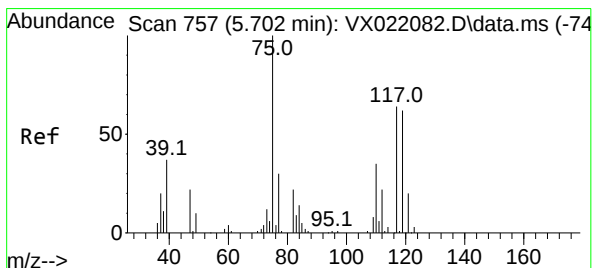
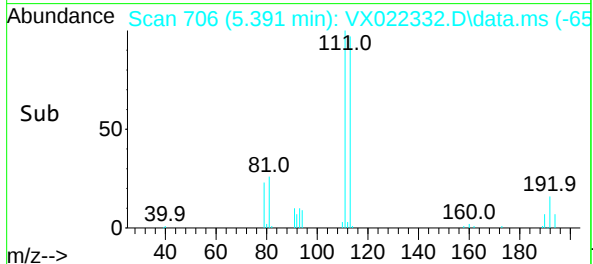
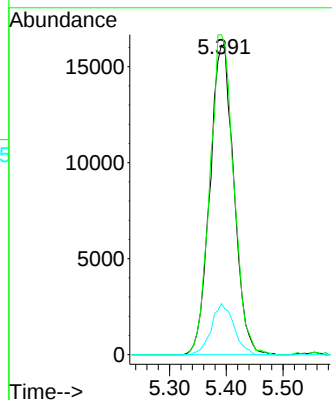
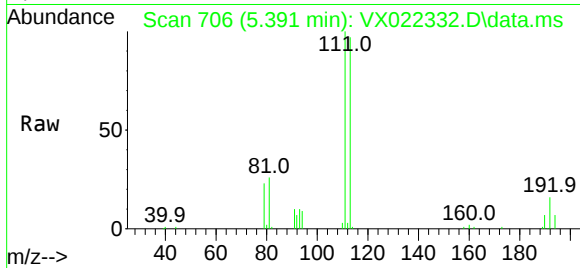




#35
Dibromofluoromethane
Concen: 47.97 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

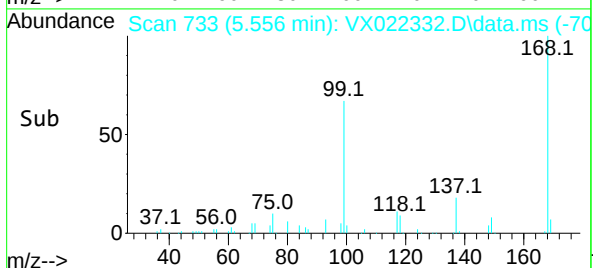
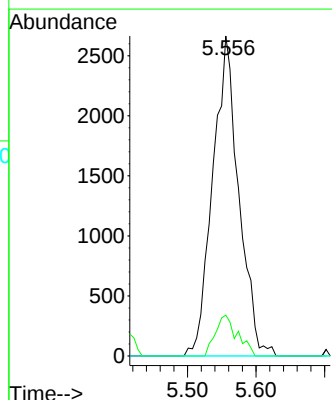
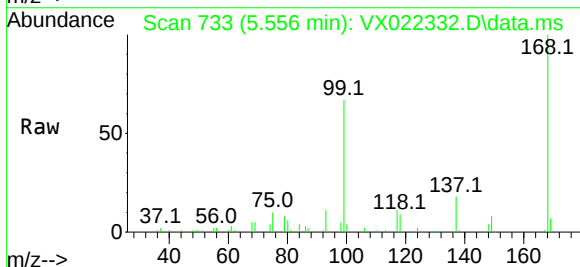
Instrument :
MSVOA_X
ClientSampleId :

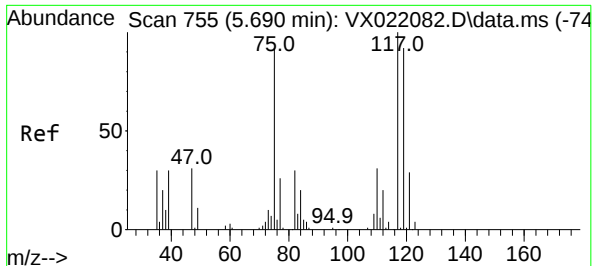
Tgt Ion:113 Resp: 47297
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 15.5 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.89 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

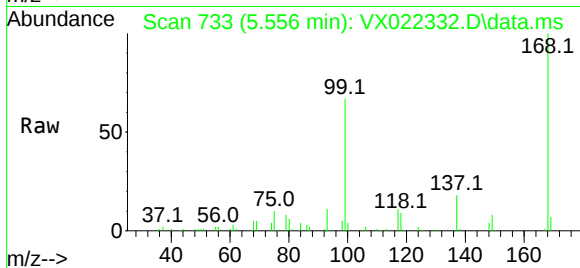
Tgt Ion: 75 Resp: 7033
Ion Ratio Lower Upper
75 100
110 10.7 18.1 54.4#
77 0.0 25.3 37.9#



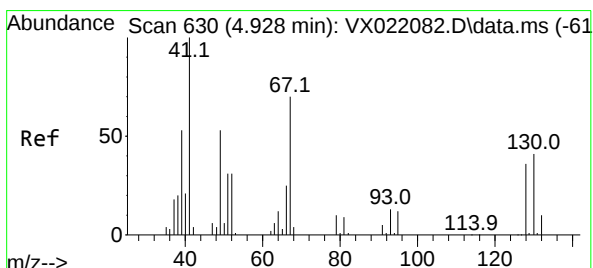
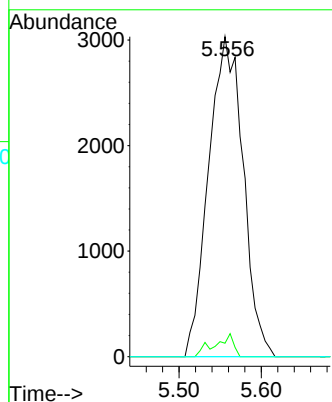
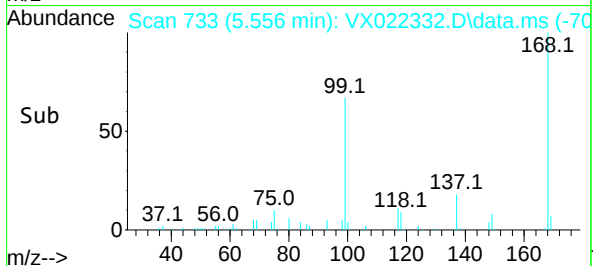


#38
Carbon Tetrachloride
Concen: 6.29 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

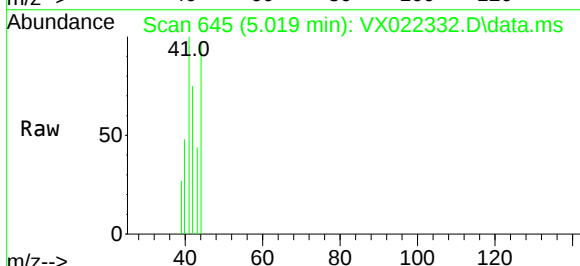
Instrument :
MSVOA_X
ClientSampled :



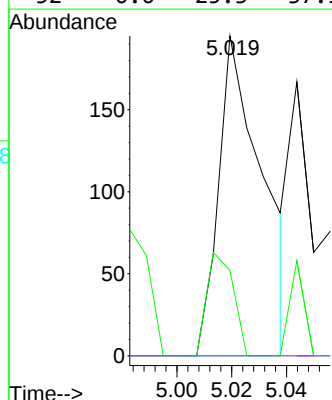
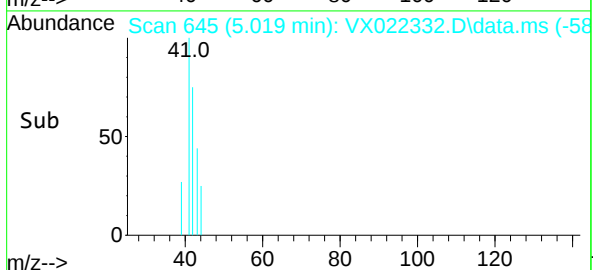
Tgt Ion: 117 Resp: 8840
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#

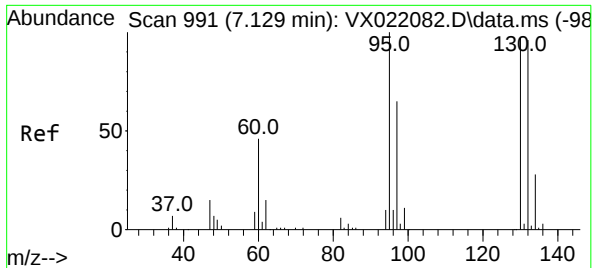


#41
Methacrylonitrile
Concen: 0.23 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.091 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43



Tgt Ion: 41 Resp: 217
Ion Ratio Lower Upper
41 100
39 19.4 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

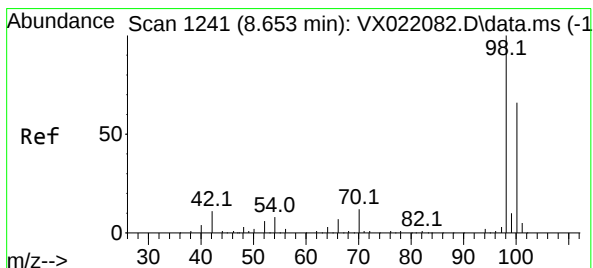
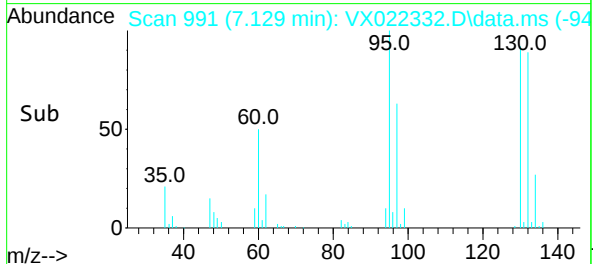
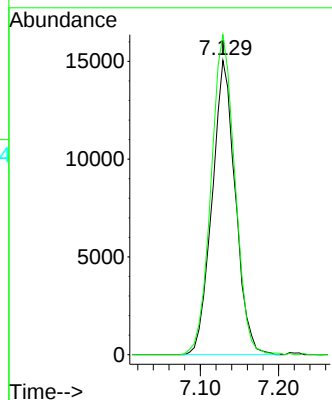
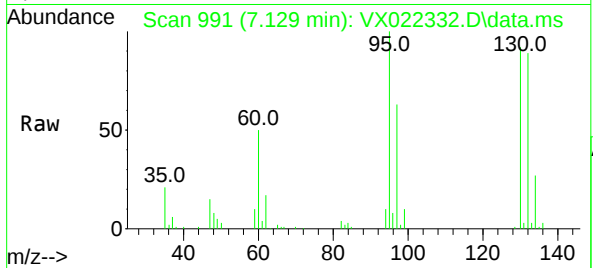




#44
Trichloroethene
Concen: 28.26 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

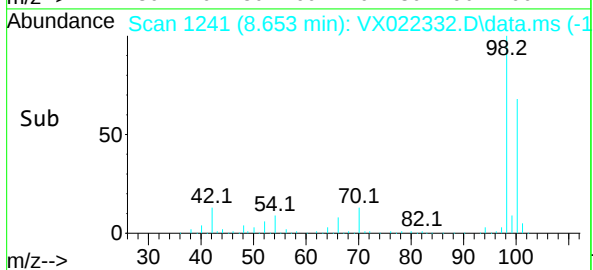
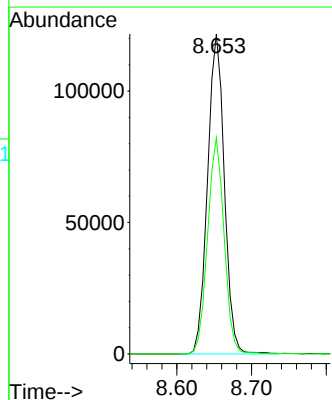
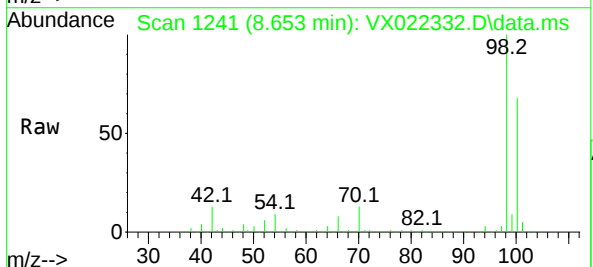
Instrument :
MSVOA_X
ClientSampled :

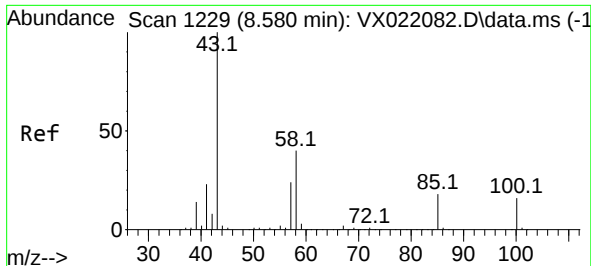
Tgt Ion:130 Resp: 31062
Ion Ratio Lower Upper
130 100
95 108.7 0.0 198.0



#50
Toluene-d8
Concen: 50.05 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

Tgt Ion: 98 Resp: 190079
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

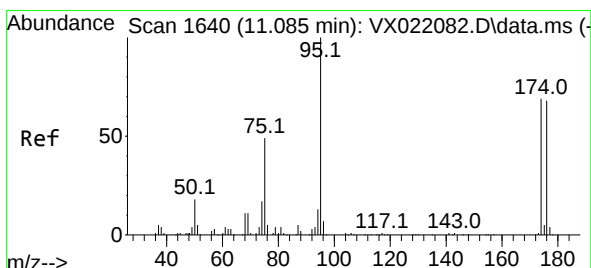
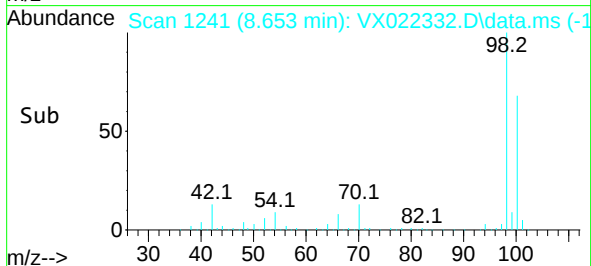
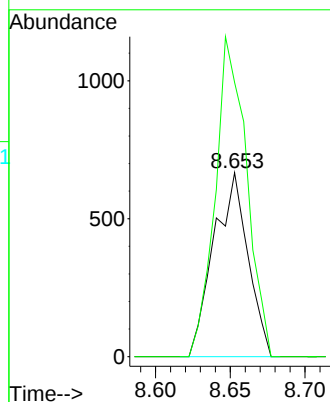
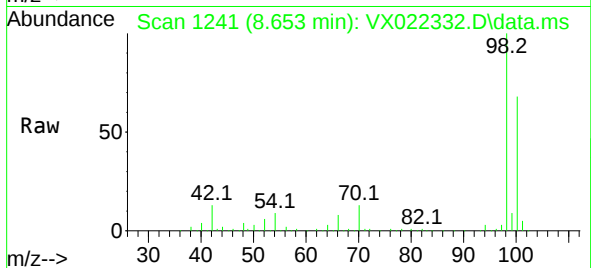




#51
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

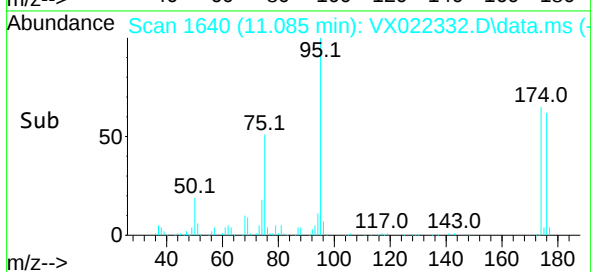
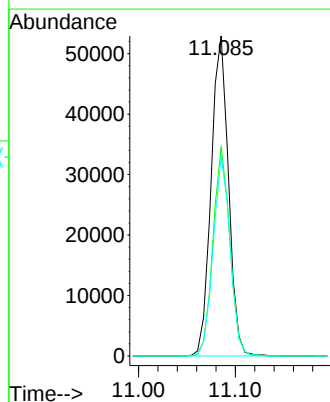
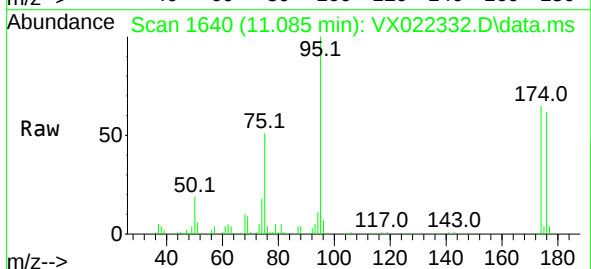
Instrument :
MSVOA_X
ClientSampled :

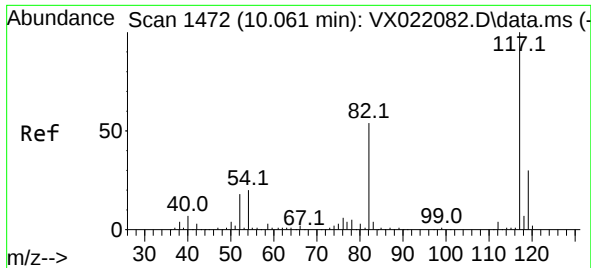
Tgt Ion: 43 Resp: 1057
Ion Ratio Lower Upper
43 100
58 160.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.02 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

Tgt Ion: 95 Resp: 66002
Ion Ratio Lower Upper
95 100
174 63.5 0.0 154.6
176 61.0 0.0 155.8

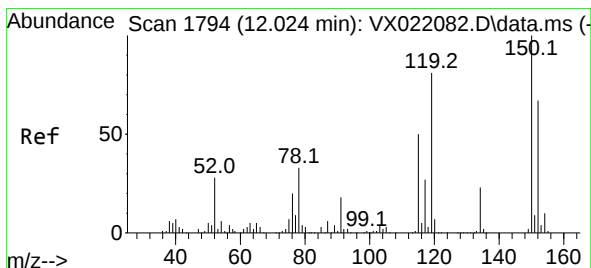
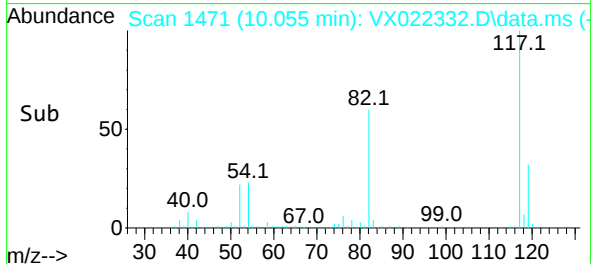
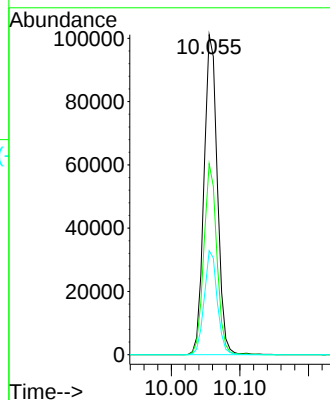
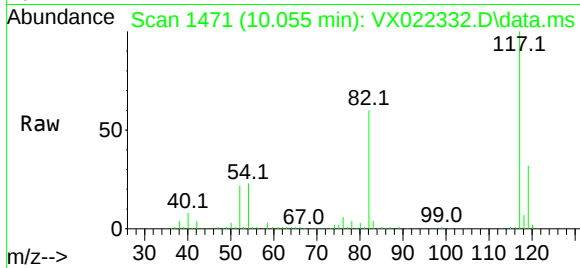




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

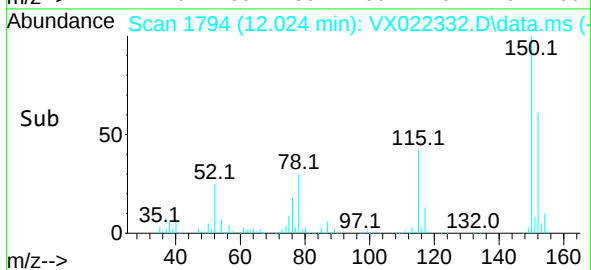
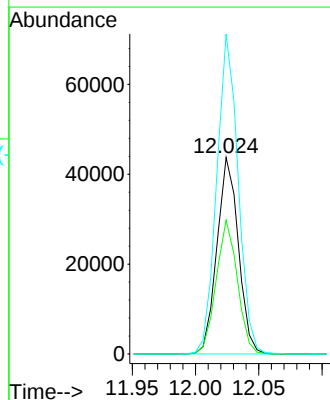
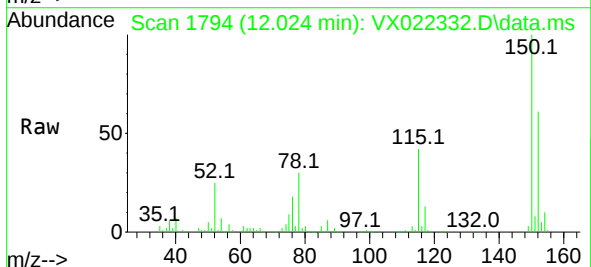
Instrument :
MSVOA_X
ClientSampleId :

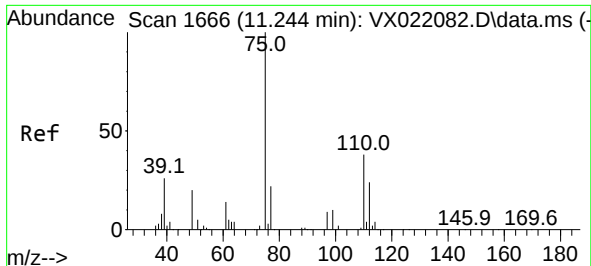
Tgt Ion:117 Resp: 137052
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

Tgt Ion:152 Resp: 51355
Ion Ratio Lower Upper
152 100
115 67.5 41.1 123.3
150 162.9 0.0 349.0

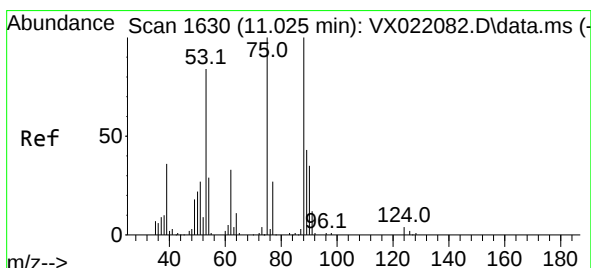
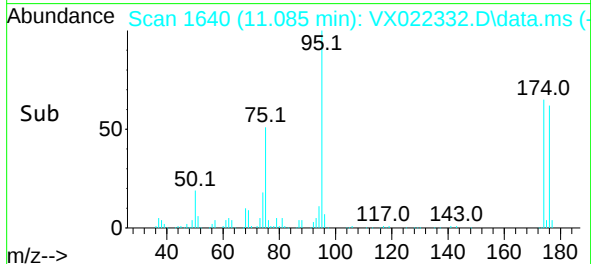
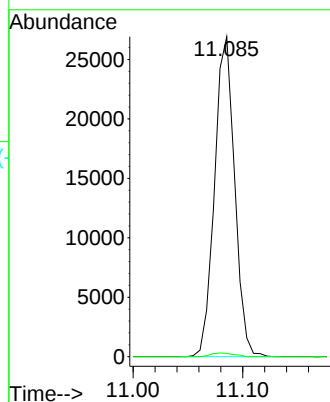
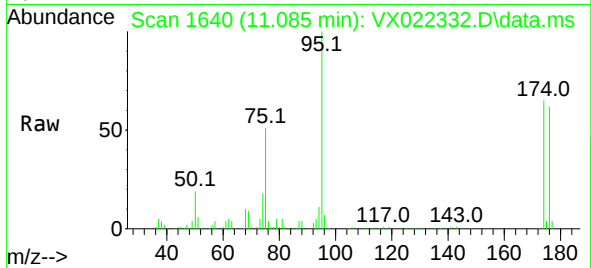




#76
1,2,3-Trichloropropane
Concen: 27.04 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

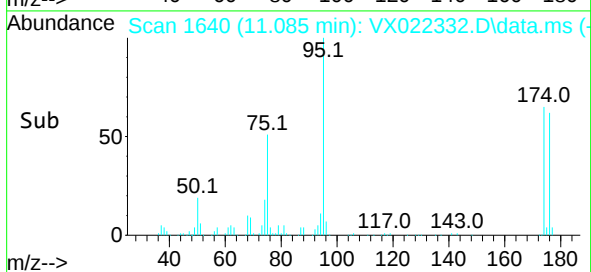
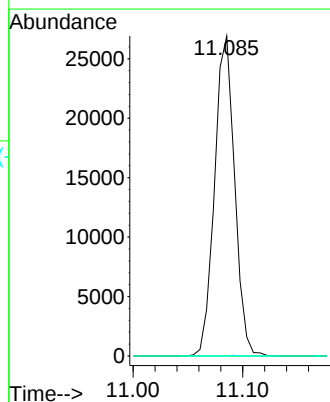
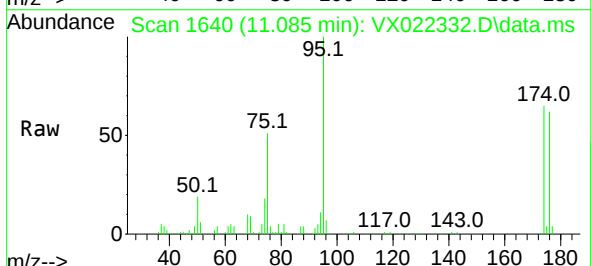
Instrument :
MSVOA_X
ClientSampleId :

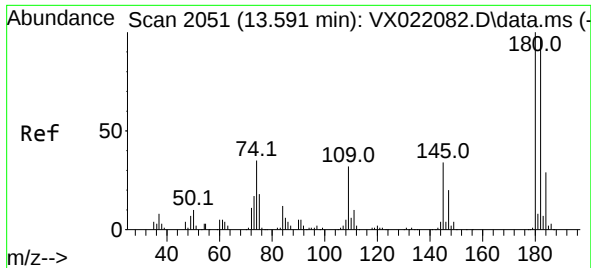
Tgt Ion: 75 Resp: 34256
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.06 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

Tgt Ion: 75 Resp: 34256
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

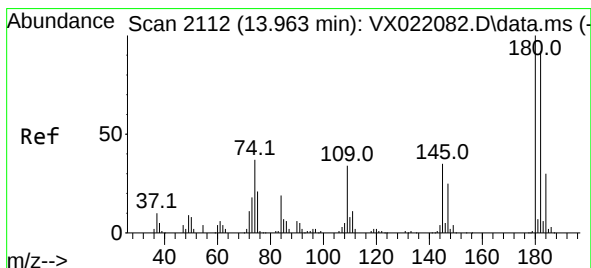
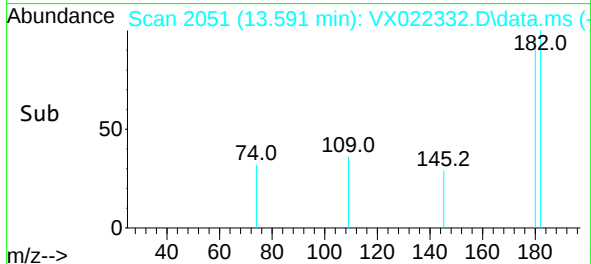
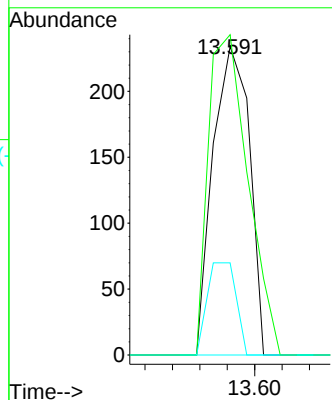
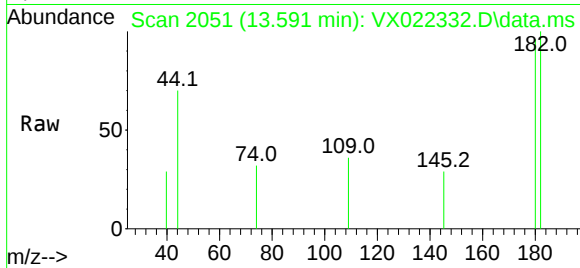




#93
1,2,4-Trichlorobenzene
Concen: 0.21 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 216
Ion Ratio Lower Upper
180 100
182 113.0 47.7 143.1
145 23.6 15.0 45.0



#96
1,2,3-Trichlorobenzene
Concen: 0.22 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX022332.D
Acq: 02 Jun 2021 12:43

Tgt Ion:180 Resp: 226
Ion Ratio Lower Upper
180 100
182 44.7 47.6 142.9#
145 0.0 16.1 48.3#

