

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022341.D
 Acq On : 02 Jun 2021 16:15
 Operator : JC/MD
 Sample : M2579-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 03 02:21:30 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)

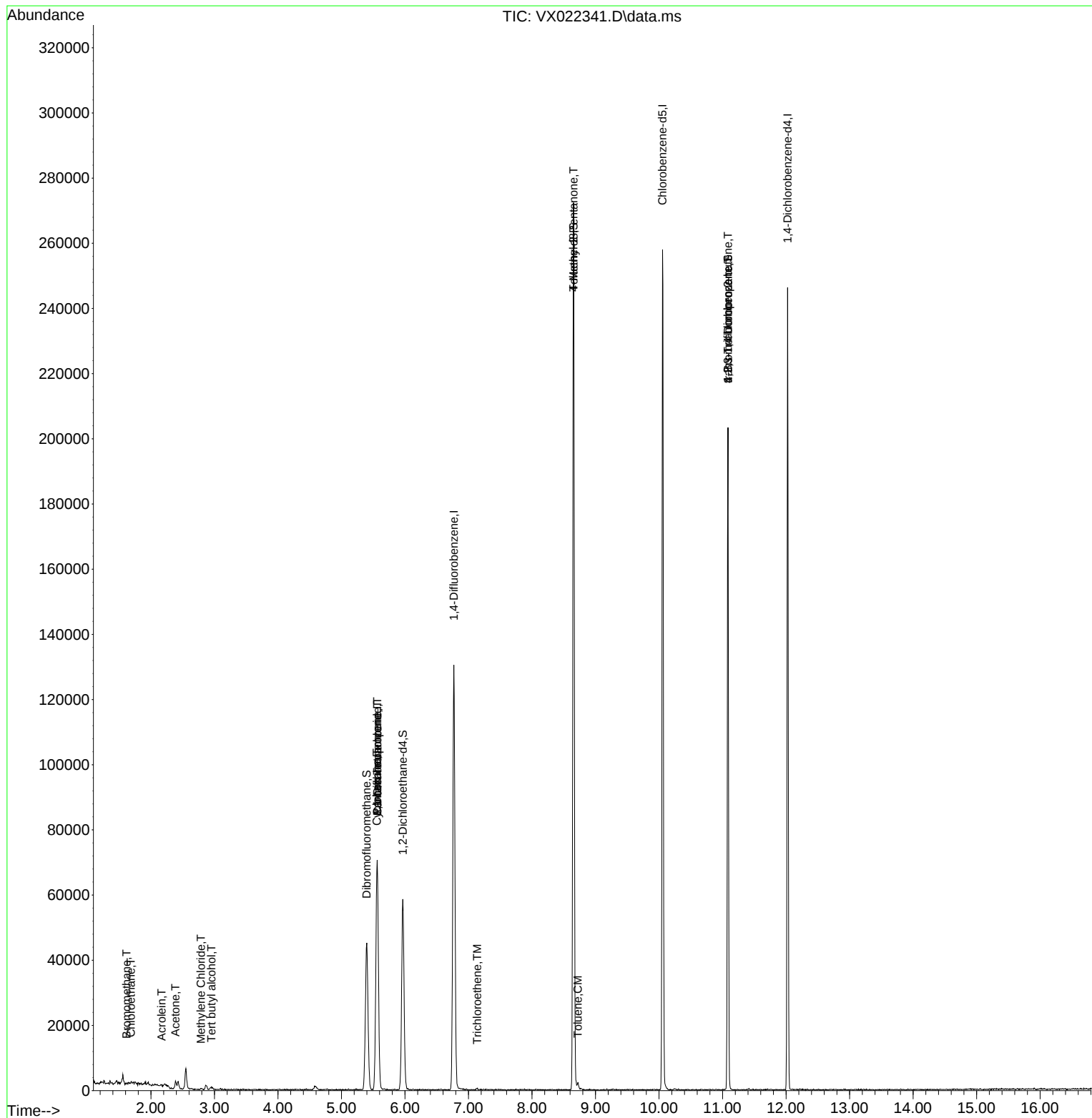
Internal Standards						
1) Pentafluorobenzene	5.562	168	61347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	129273	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53558	56.60	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.20%
35) Dibromofluoromethane	5.397	113	38160	46.55	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.10%
50) Toluene-d8	8.653	98	159507	50.51	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.02%
62) 4-Bromofluorobenzene	11.085	95	54098	46.35	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.70%
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	134	0.27	ug/l #	77
6) Chloroethane	1.685	64	158	0.31	ug/l #	43
11) Tert butyl alcohol	2.953	59	662	3.06	ug/l #	73
13) Acrolein	2.166	56	33	0.23	ug/l #	14
16) Acetone	2.386	43	2661	6.46	ug/l #	84
20) Methylene Chloride	2.788	84	198	0.22	ug/l #	46
31) Cyclohexane	5.556	56	1662	1.40	ug/l #	42
36) 1,1-Dichloropropene	5.562	75	5624	4.70	ug/l #	49
38) Carbon Tetrachloride	5.562	117	7382	6.31	ug/l #	16
44) Trichloroethene	7.135	130	223	0.24	ug/l	65
51) 4-Methyl-2-Pentanone	8.653	43	825	0.57	ug/l #	1
52) Toluene	8.720	92	586	0.25	ug/l	96
76) 1,2,3-Trichloropropane	11.085	75	28926	26.46	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28926	62.69	ug/l #	12

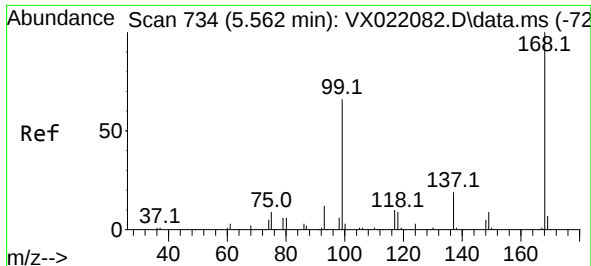
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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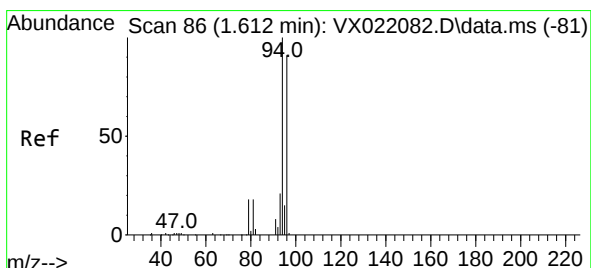
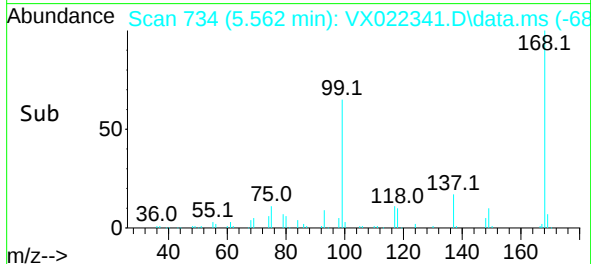
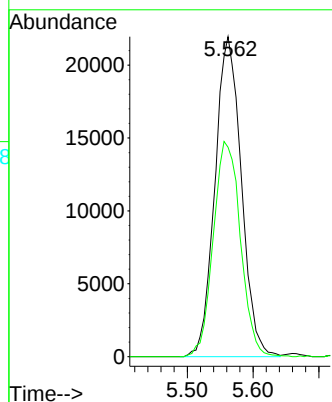
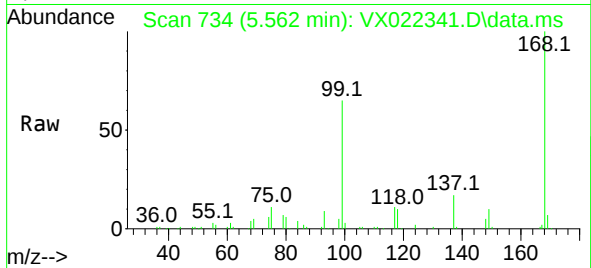




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

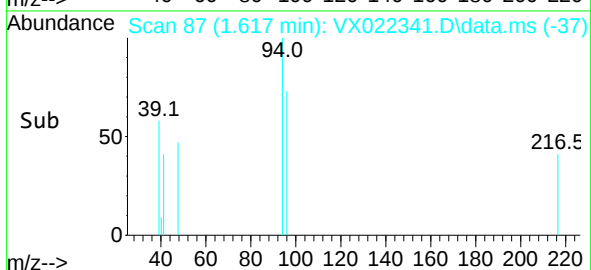
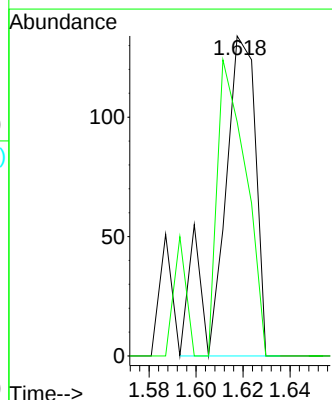
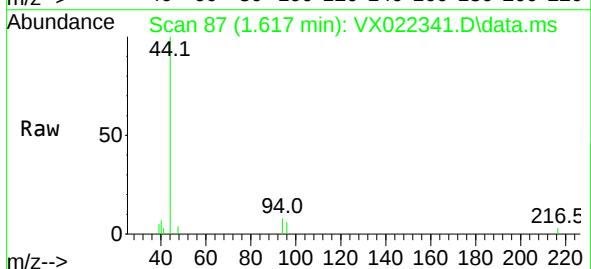
Instrument :
MSVOA_X
ClientSampleId :

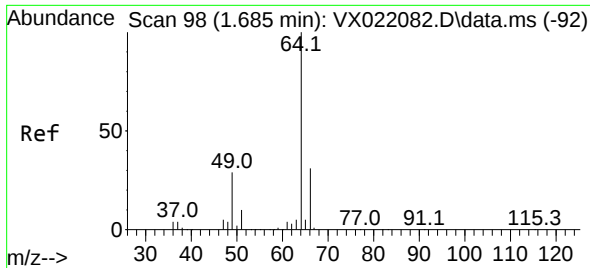
Tgt Ion:168 Resp: 61347
Ion Ratio Lower Upper
168 100
99 65.5 45.8 68.6



#5
Bromomethane
Concen: 0.27 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

Tgt Ion: 94 Resp: 134
Ion Ratio Lower Upper
94 100
96 73.1 76.4 114.6#

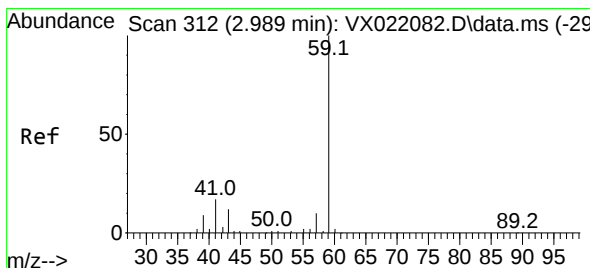
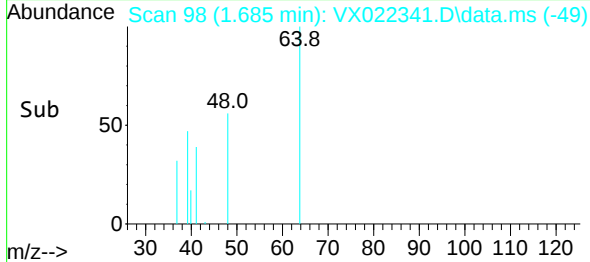
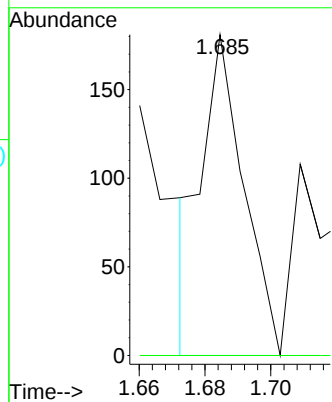
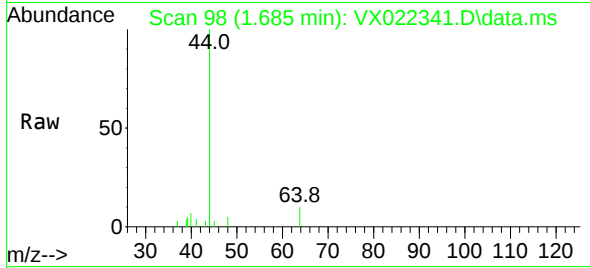




#6
Chloroethane
Concen: 0.31 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

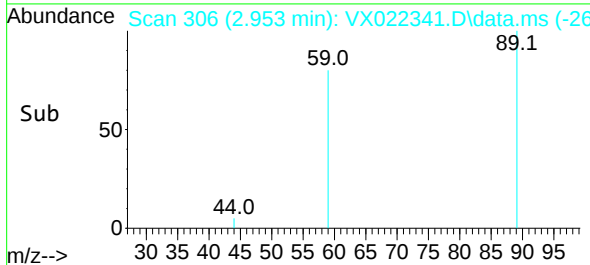
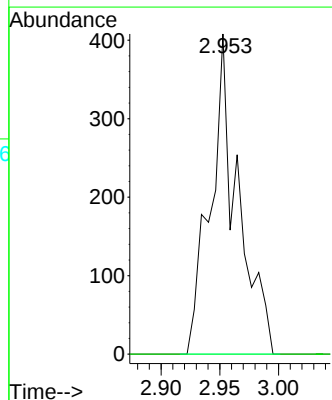
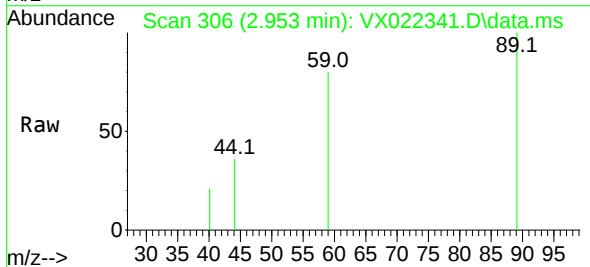
Instrument :
MSVOA_X
ClientSampled :

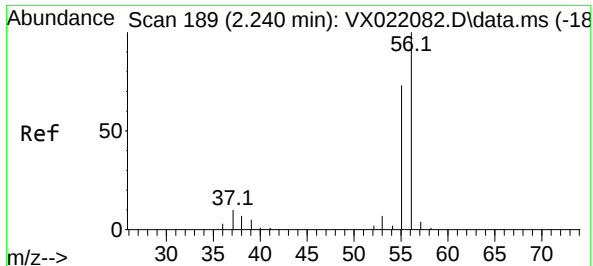
Tgt Ion: 64 Resp: 158
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 3.06 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

Tgt Ion: 59 Resp: 662
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

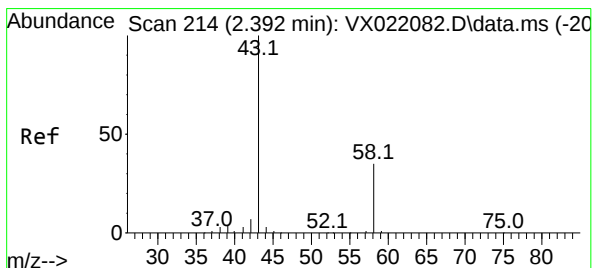
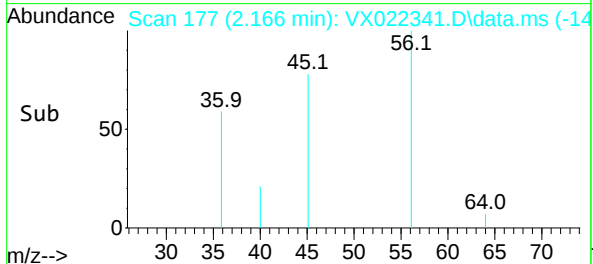
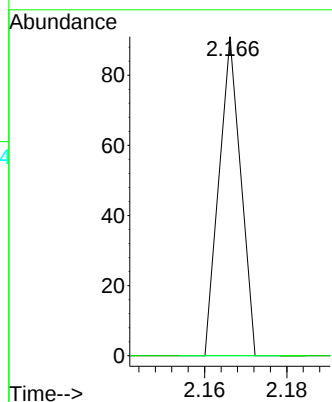
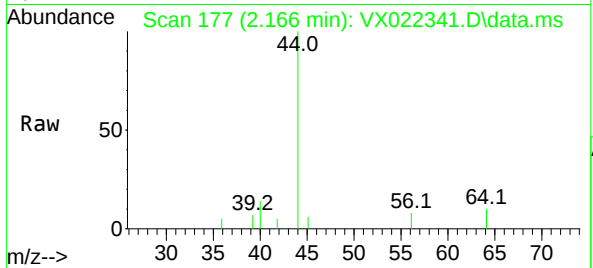




#13
Acrolein
Concen: 0.23 ug/l
RT: 2.166 min Scan# 177
Delta R.T. -0.074 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

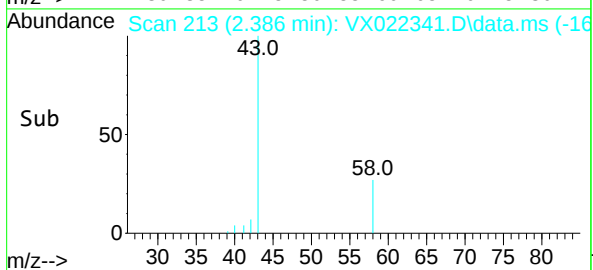
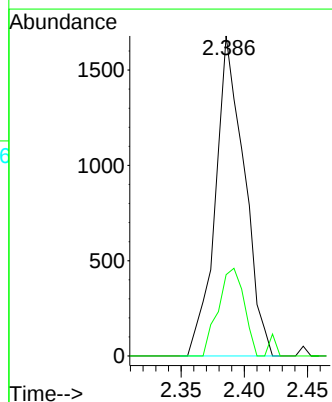
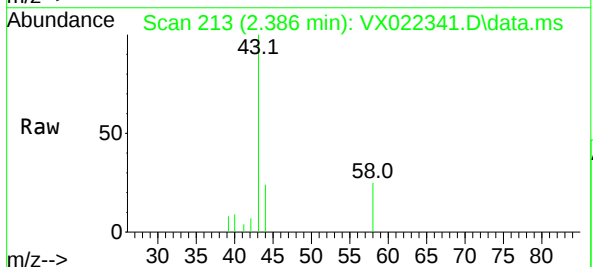
Instrument :
MSVOA_X
ClientSampled :

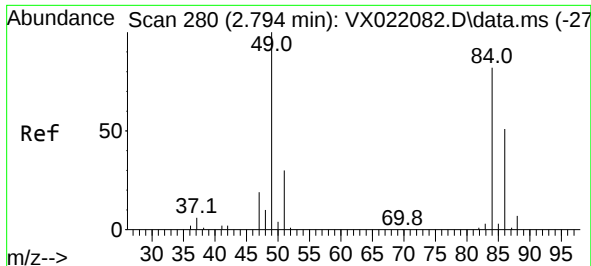
Tgt Ion: 56 Resp: 33
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 6.46 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

Tgt Ion: 43 Resp: 2661
Ion Ratio Lower Upper
43 100
58 25.4 27.8 41.8#





#20

Methylene Chloride

Concen: 0.22 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022341.D

Acq: 02 Jun 2021 16:15

Tgt Ion: 84 Resp: 198

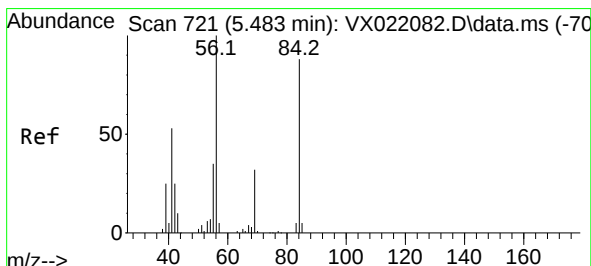
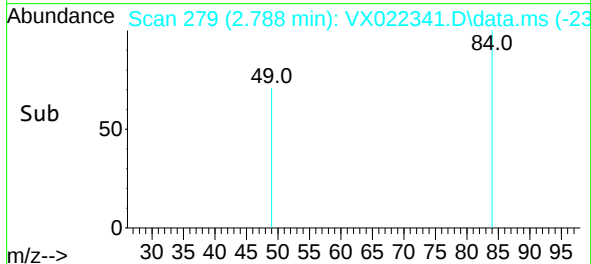
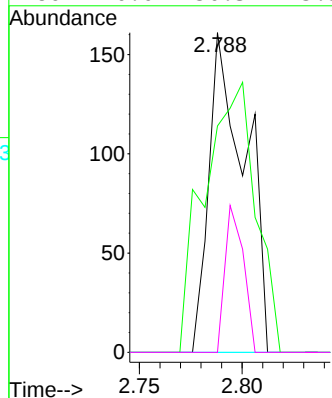
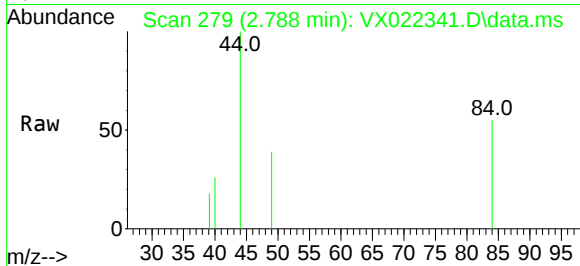
Ion Ratio Lower Upper

84 100

49 70.8 88.6 132.8#

51 0.0 27.0 40.6#

86 0.0 50.3 75.5#



#31

Cyclohexane

Concen: 1.40 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.073 min

Lab File: VX022341.D

Acq: 02 Jun 2021 16:15

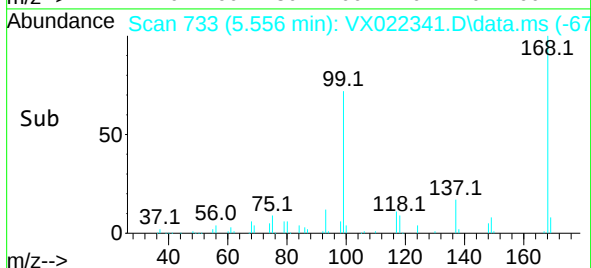
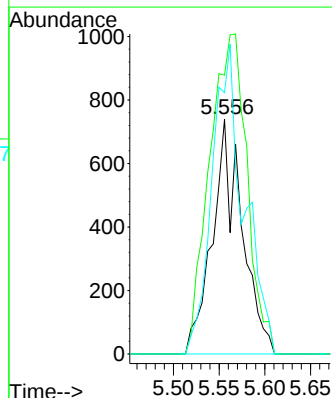
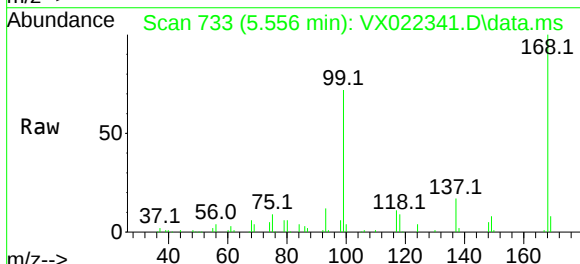
Tgt Ion: 56 Resp: 1662

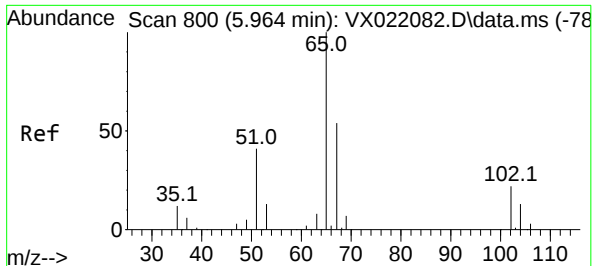
Ion Ratio Lower Upper

56 100

69 118.6 25.3 37.9#

84 111.2 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 56.60 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022341.D

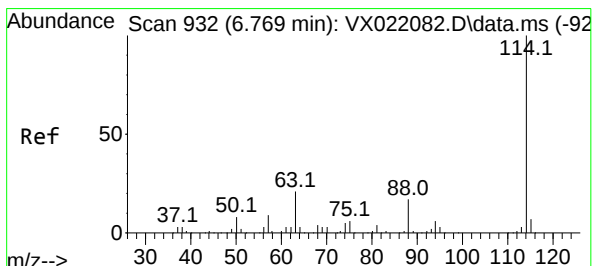
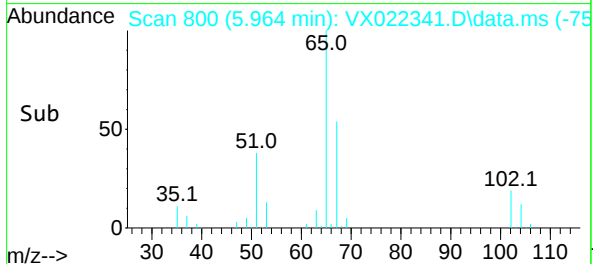
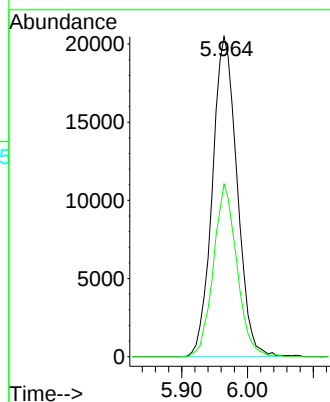
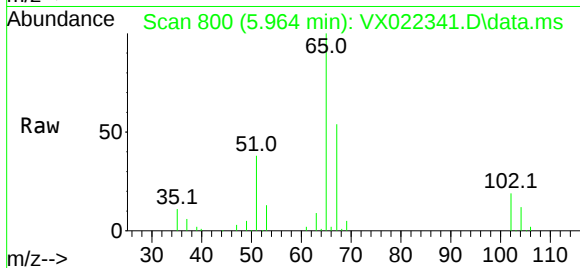
Acq: 02 Jun 2021 16:15

Tgt Ion: 65 Resp: 53558

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022341.D

Acq: 02 Jun 2021 16:15

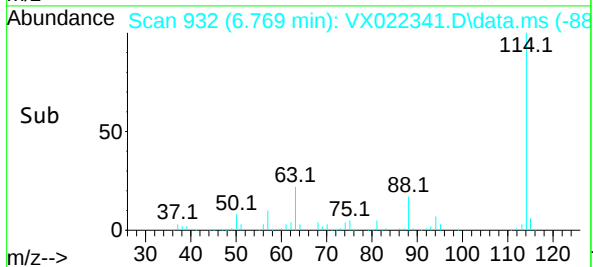
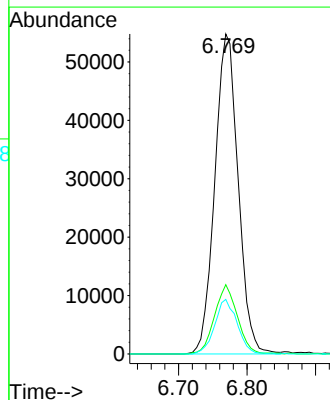
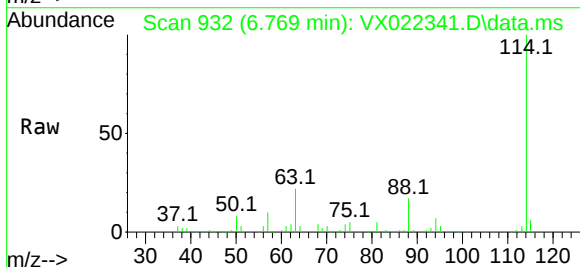
Tgt Ion: 114 Resp: 129273

Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

88 17.1 0.0 32.8



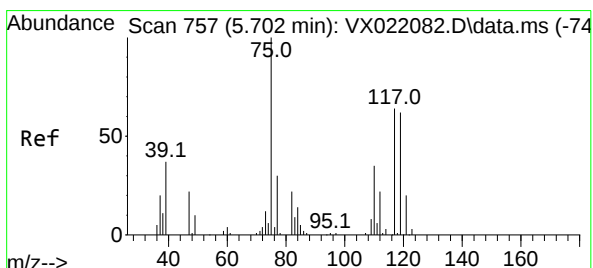
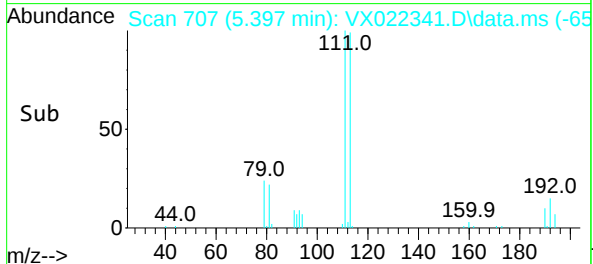
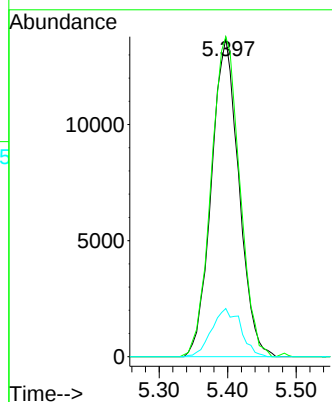
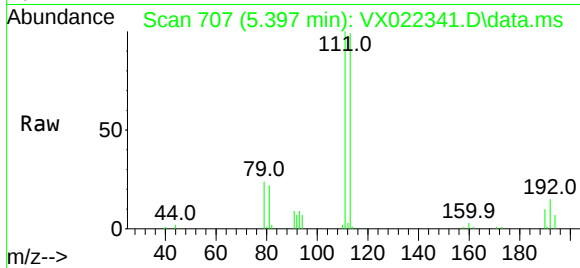
Instrument :
MSVOA_X
ClientSampleId :



#35
Dibromofluoromethane
Concen: 46.55 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

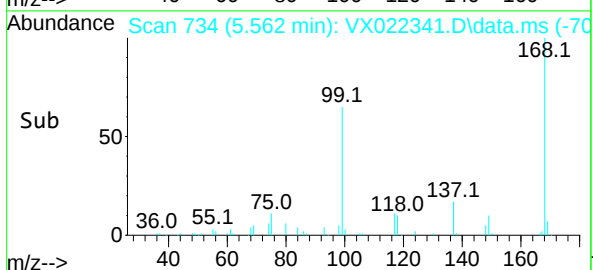
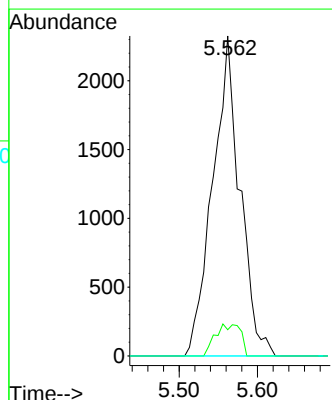
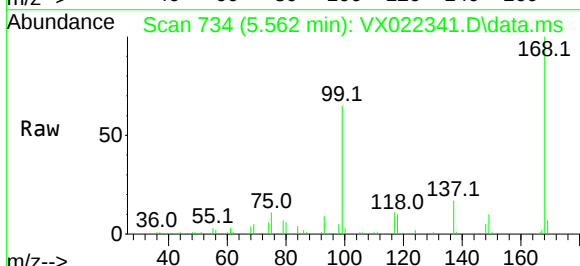
Instrument :
MSVOA_X
ClientSampleId :

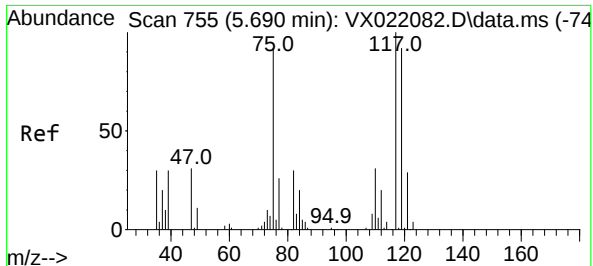
Tgt Ion:113 Resp: 38160
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 16.0 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

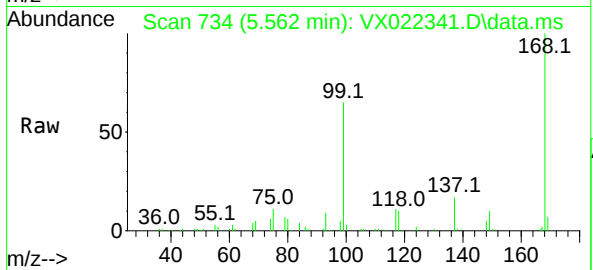
Tgt Ion: 75 Resp: 5624
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



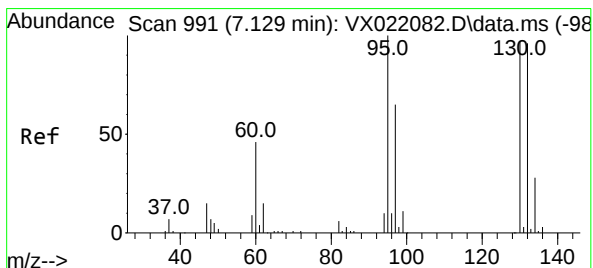
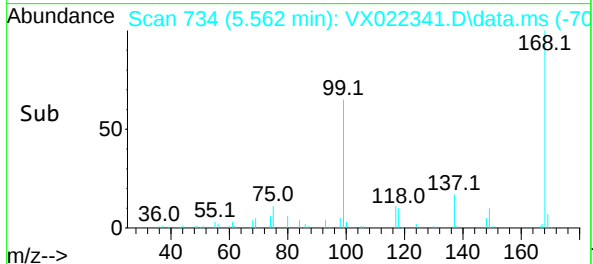
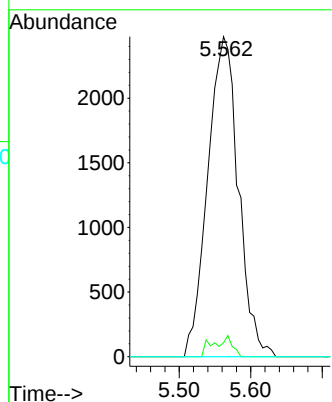


#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

Instrument :
MSVOA_X
ClientSampled :

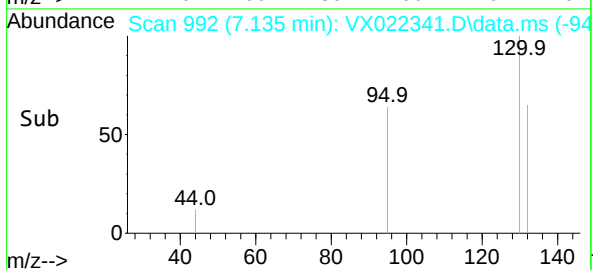
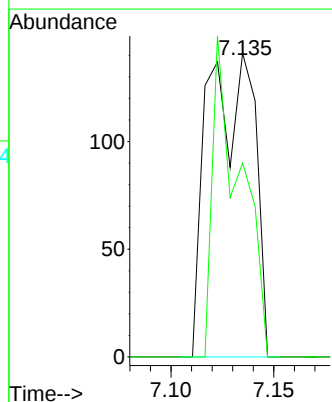
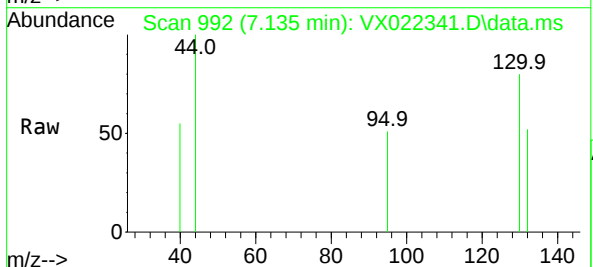


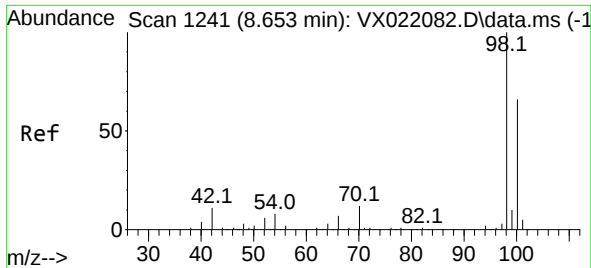
Tgt Ion:117 Resp: 7382
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.24 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

Tgt Ion:130 Resp: 223
Ion Ratio Lower Upper
130 100
95 63.8 0.0 198.0

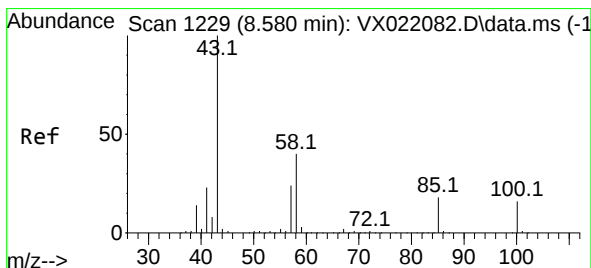
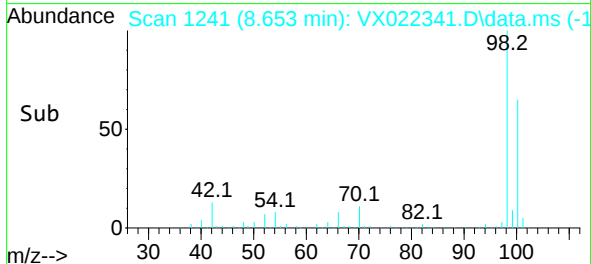
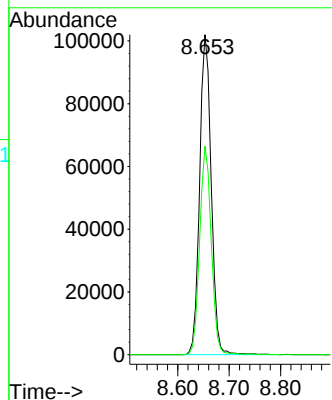
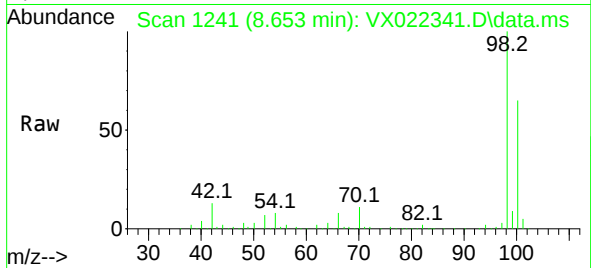




#50
Toluene-d8
Concen: 50.51 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

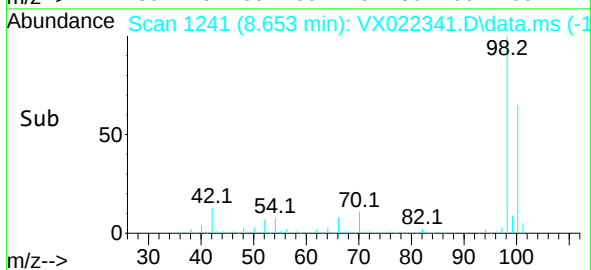
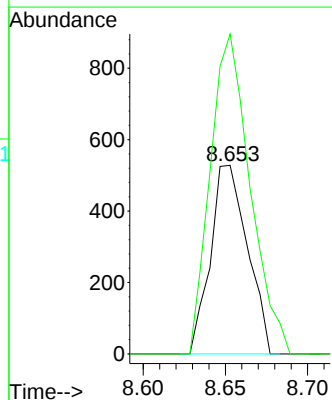
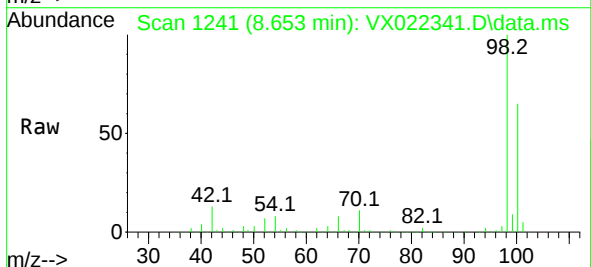
Instrument :
MSVOA_X
ClientSampled :

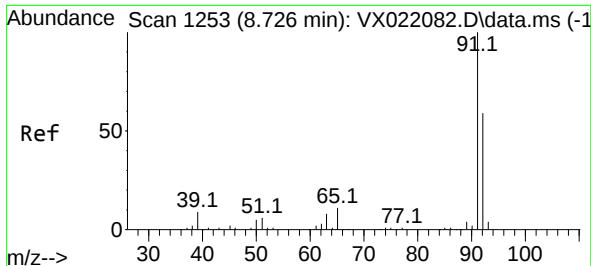
Tgt Ion: 98 Resp: 159507
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

Tgt Ion: 43 Resp: 825
Ion Ratio Lower Upper
43 100
58 182.9 35.4 53.0#

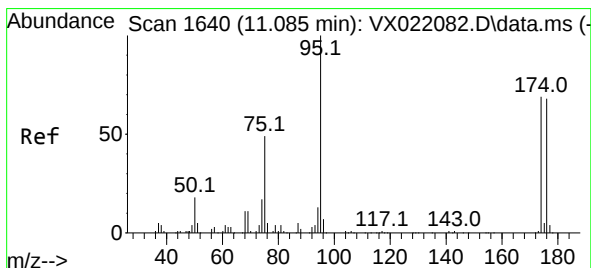
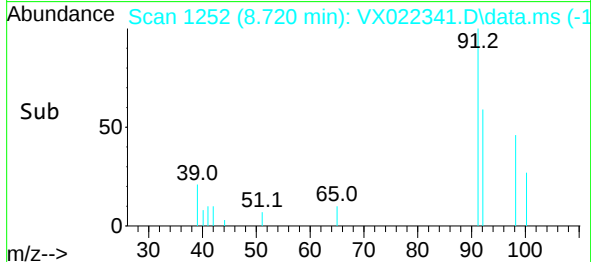
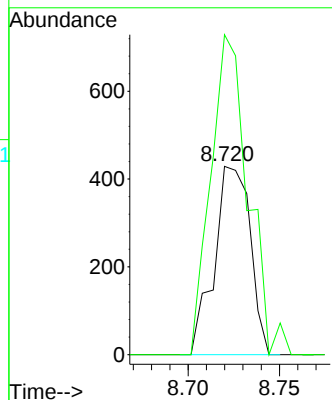
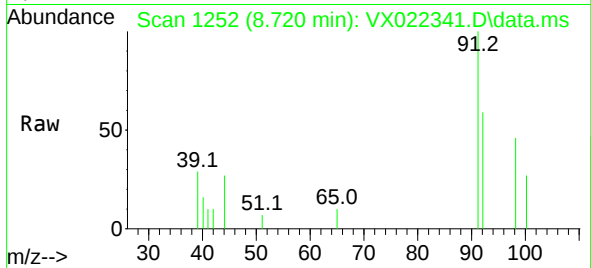




#52
Toluene
Concen: 0.25 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

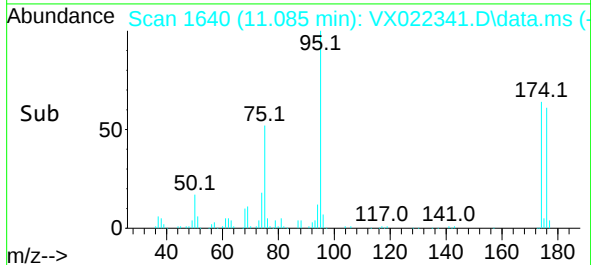
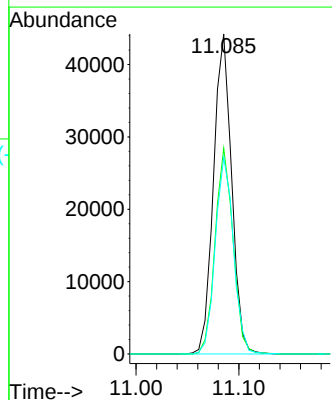
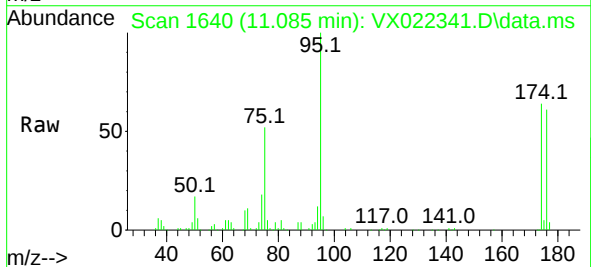
Instrument :
MSVOA_X
ClientSampled :

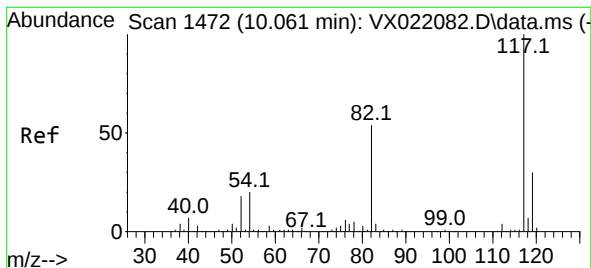
Tgt Ion: 92 Resp: 586
Ion Ratio Lower Upper
92 100
91 177.3 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 46.35 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

Tgt Ion: 95 Resp: 54098
Ion Ratio Lower Upper
95 100
174 63.5 0.0 154.6
176 61.7 0.0 155.8

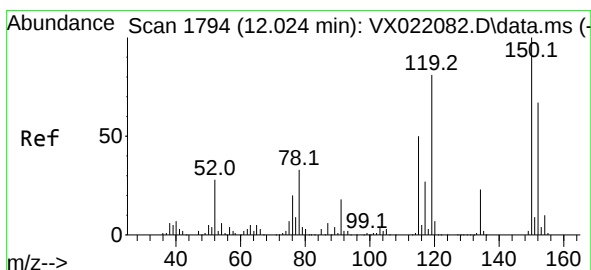
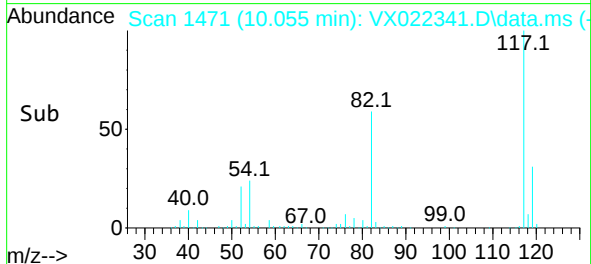
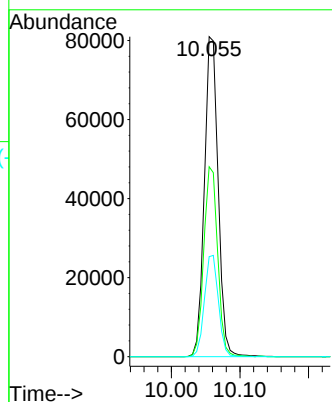
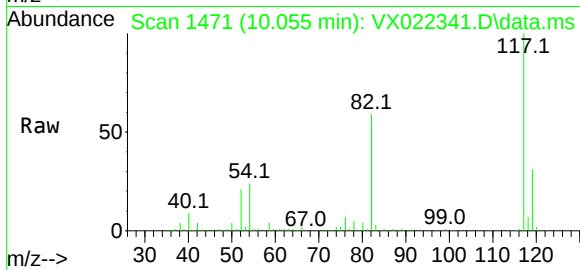




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

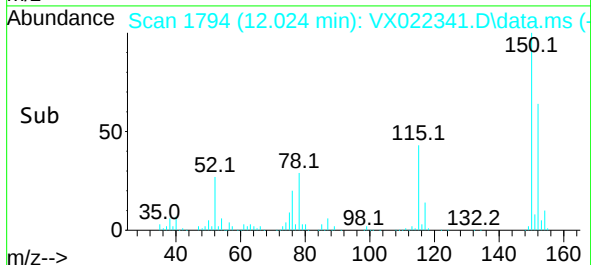
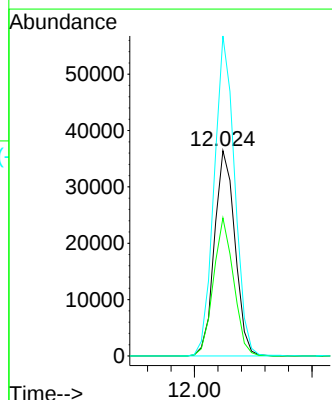
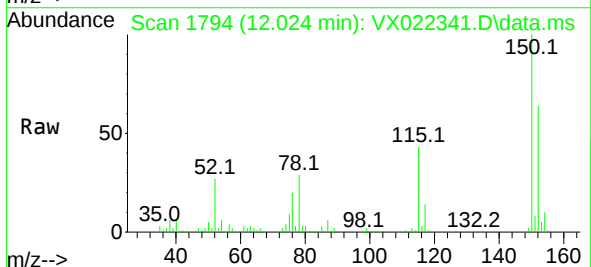
Instrument :
MSVOA_X
ClientSampled :

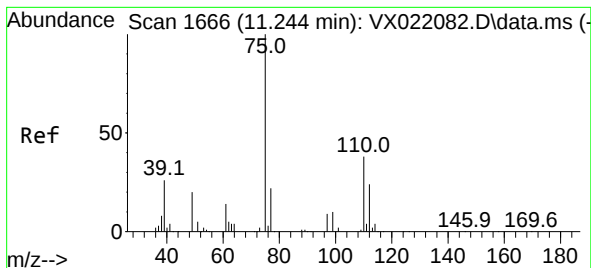
Tgt Ion:117 Resp: 113442
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

Tgt Ion:152 Resp: 44316
Ion Ratio Lower Upper
152 100
115 65.9 41.1 123.3
150 155.8 0.0 349.0

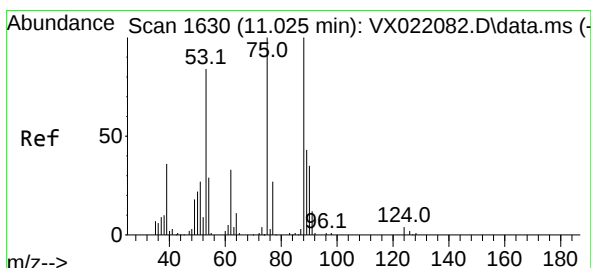
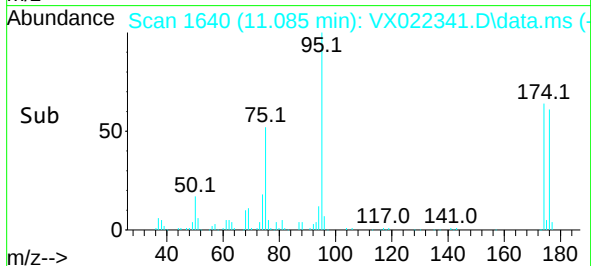
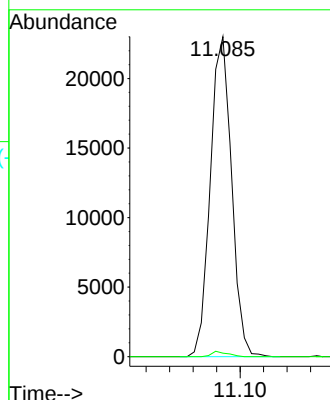
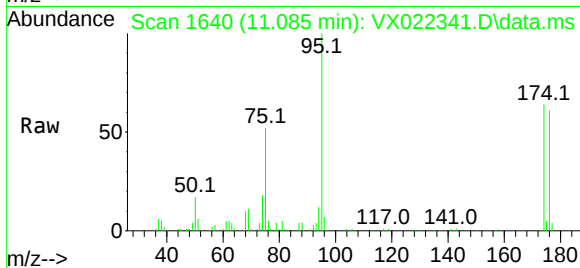




#76
1,2,3-Trichloropropane
Concen: 26.46 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 28926
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.69 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022341.D
Acq: 02 Jun 2021 16:15

Tgt Ion: 75 Resp: 28926
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

