

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022337.D
 Acq On : 02 Jun 2021 14:41
 Operator : JC/MD
 Sample : M2572-10DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 03 02:20:30 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)

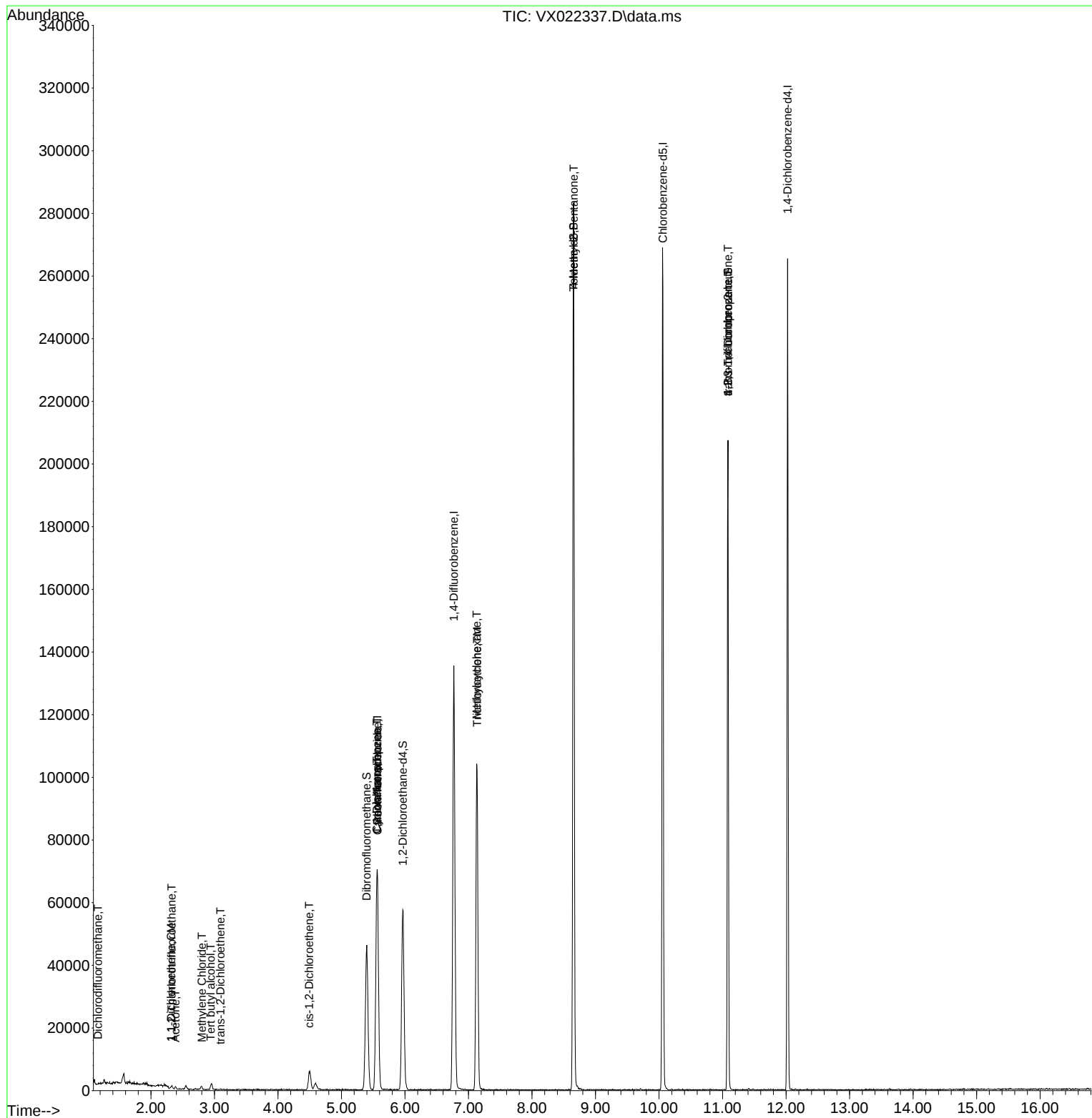
Internal Standards						
1) Pentafluorobenzene	5.562	168	62384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	131703	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	117059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53776	55.88	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	111.76%		
35) Dibromofluoromethane	5.397	113	39476	47.27	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.54%		
50) Toluene-d8	8.653	98	163265	50.75	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.50%		
62) 4-Bromofluorobenzene	11.085	95	56567	47.57	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.14%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	294	0.39	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	288	0.39	ug/l #	77
11) Tert butyl alcohol	2.940	59	1213	5.51	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	228	0.32	ug/l	83
16) Acetone	2.386	43	790	1.89	ug/l #	84
20) Methylene Chloride	2.800	84	514	0.55	ug/l #	70
21) trans-1,2-Dichloroethene	3.093	96	164	0.21	ug/l #	46
27) cis-1,2-Dichloroethene	4.489	96	3861	4.08	ug/l	89
31) Cyclohexane	5.556	56	1762	1.46	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6202	5.09	ug/l #	48
38) Carbon Tetrachloride	5.568	117	7186	6.03	ug/l #	18
39) Methylcyclohexane	7.129	83	558	0.40	ug/l #	1
44) Trichloroethene	7.135	130	37834	40.63	ug/l	98
51) 4-Methyl-2-Pentanone	8.659	43	893	0.61	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	29736	26.24	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	29736	62.18	ug/l #	12

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

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MSVOA_X
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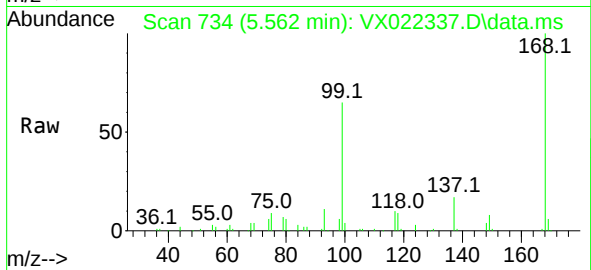
Quant Time: Jun 03 02:20:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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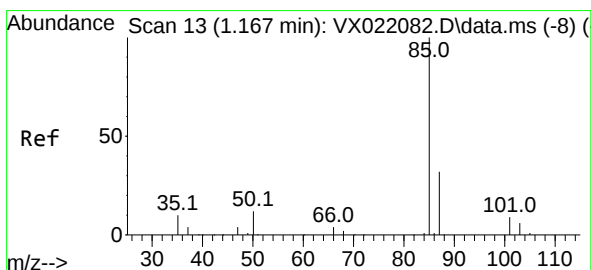
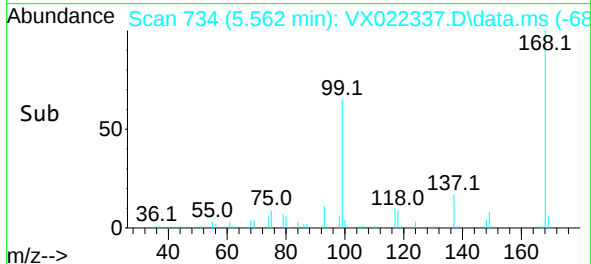
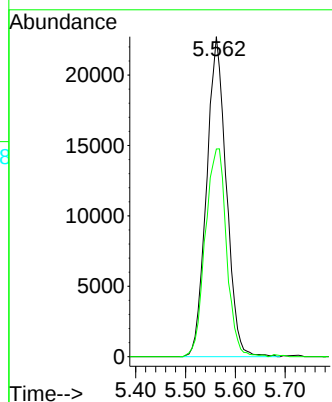


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022337.D
Acq: 02 Jun 2021 14:41

Instrument :
MSVOA_X
ClientSampled :

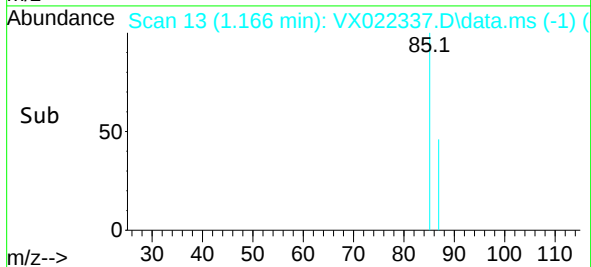
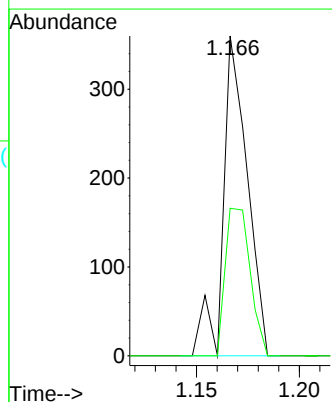
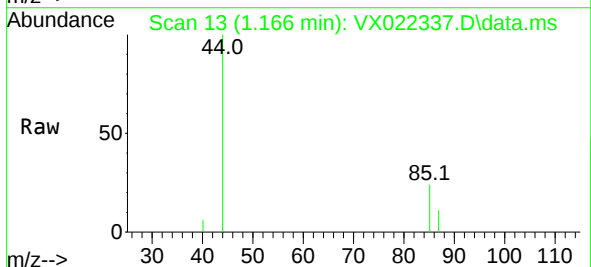


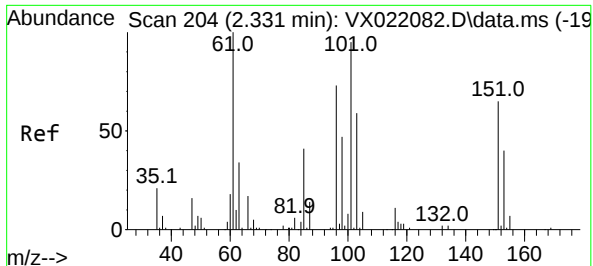
Tgt Ion:168 Resp: 62384
Ion Ratio Lower Upper
168 100
99 64.9 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.39 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX022337.D
Acq: 02 Jun 2021 14:41

Tgt Ion: 85 Resp: 294
Ion Ratio Lower Upper
85 100
87 46.1 16.4 49.2

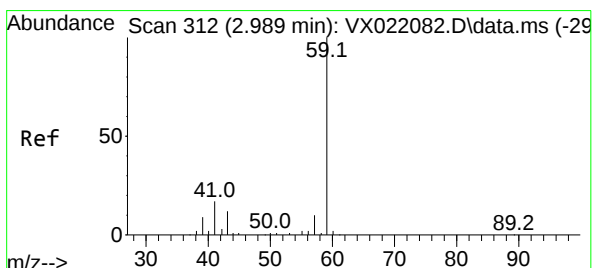
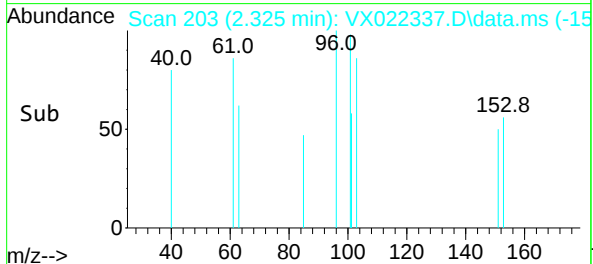
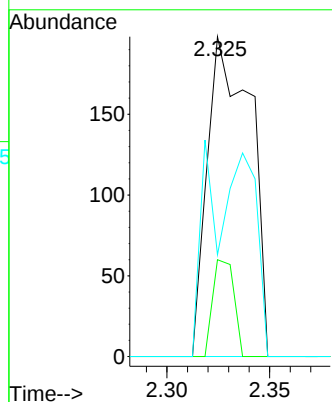
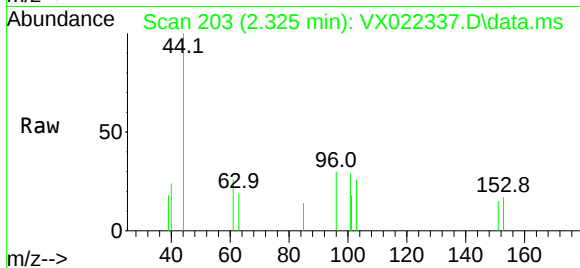




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.39 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX022337.D
Acq: 02 Jun 2021 14:41

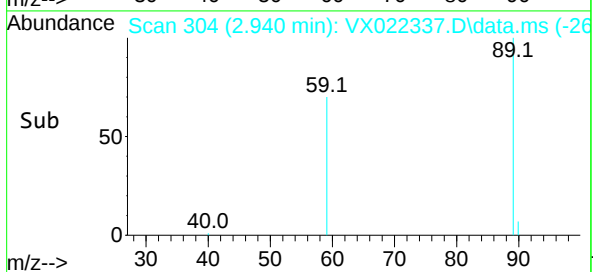
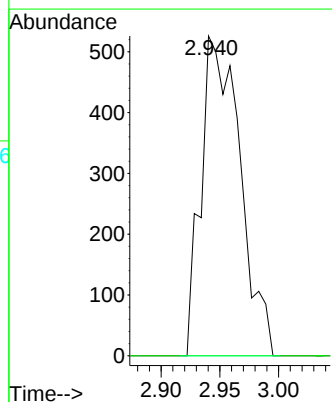
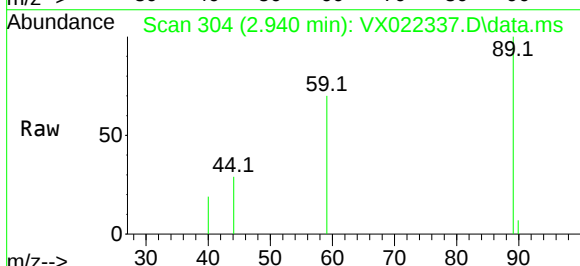
Instrument :
MSVOA_X
ClientSampleId :

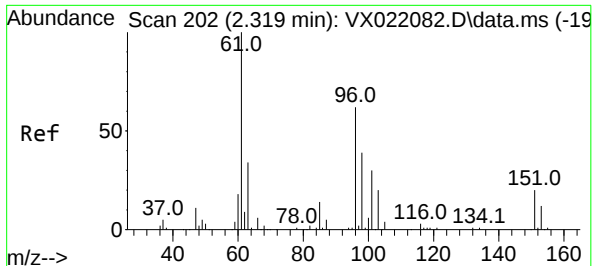
Tgt Ion:101 Resp: 288
Ion Ratio Lower Upper
101 100
85 14.9 34.9 52.3#
151 68.1 61.4 92.2



#11
Tert butyl alcohol
Concen: 5.51 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX022337.D
Acq: 02 Jun 2021 14:41

Tgt Ion: 59 Resp: 1213
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.32 ug/l

RT: 2.319 min Scan# 202

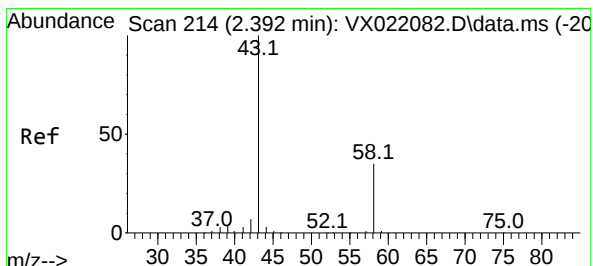
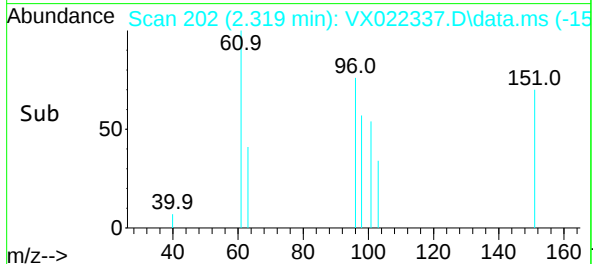
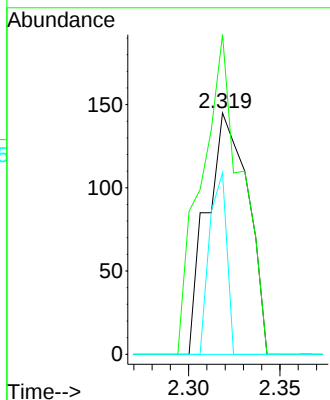
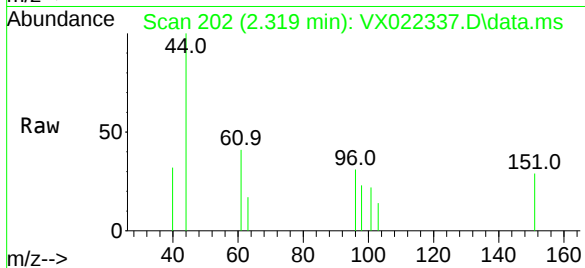
Delta R.T. -0.000 min

Lab File: VX022337.D

Acq: 02 Jun 2021 14:41

Tgt Ion: 96 Resp: 228

Ion	Ratio	Lower	Upper
96	100		
61	132.4	124.6	187.0
98	75.2	50.6	76.0



#16

Acetone

Concen: 1.89 ug/l

RT: 2.386 min Scan# 213

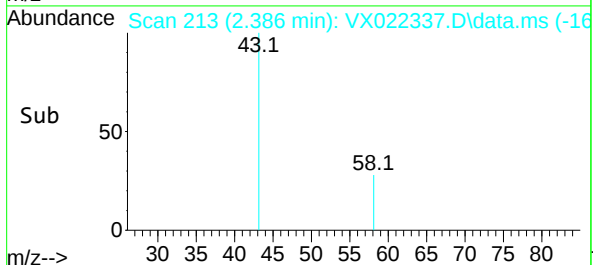
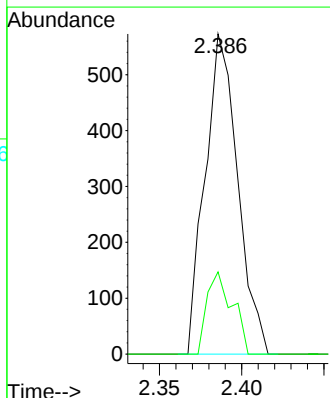
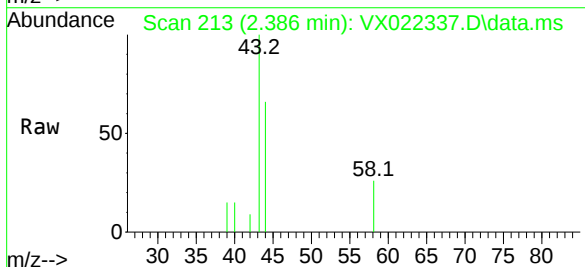
Delta R.T. -0.006 min

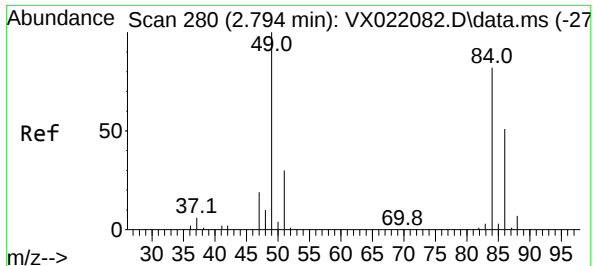
Lab File: VX022337.D

Acq: 02 Jun 2021 14:41

Tgt Ion: 43 Resp: 790

Ion	Ratio	Lower	Upper
43	100		
58	25.7	27.8	41.8#





#20

Methylene Chloride

Concen: 0.55 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022337.D

Acq: 02 Jun 2021 14:41

Tgt Ion: 84 Resp: 514

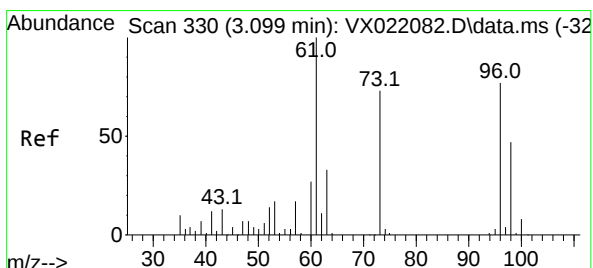
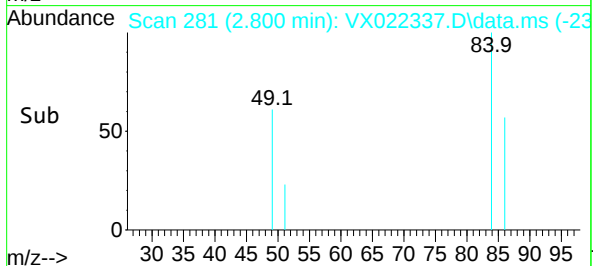
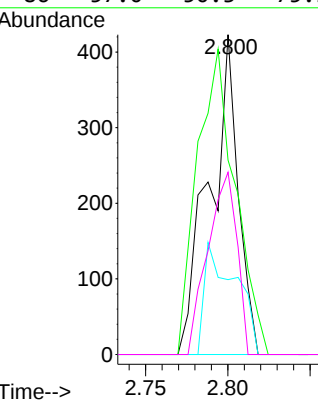
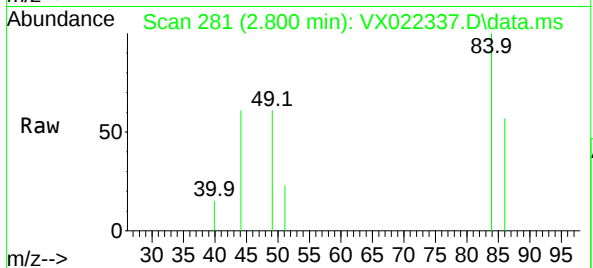
Ion Ratio Lower Upper

84 100

49 60.8 88.6 132.8#

51 23.4 27.0 40.6#

86 57.0 50.3 75.5



#21

trans-1,2-Dichloroethene

Concen: 0.21 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.006 min

Lab File: VX022337.D

Acq: 02 Jun 2021 14:41

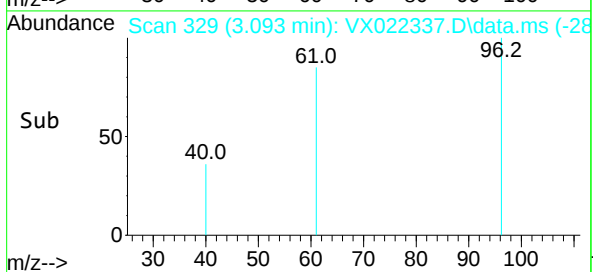
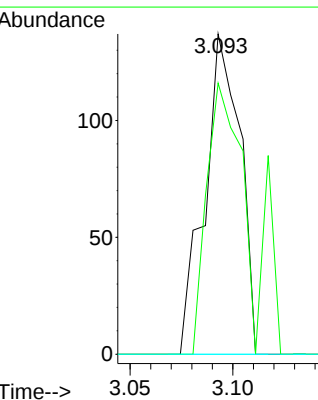
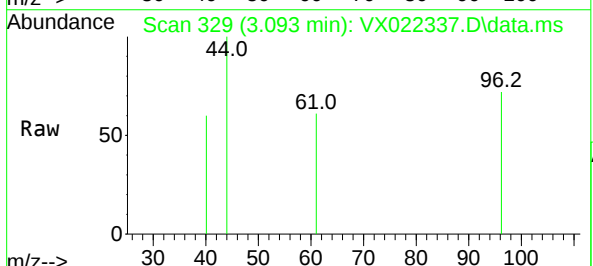
Tgt Ion: 96 Resp: 164

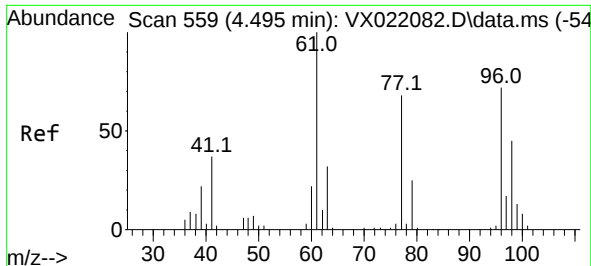
Ion Ratio Lower Upper

96 100

61 84.7 107.7 161.5#

98 0.0 50.4 75.6#





#27

cis-1,2-Dichloroethene

Concen: 4.08 ug/l

RT: 4.489 min Scan# 558

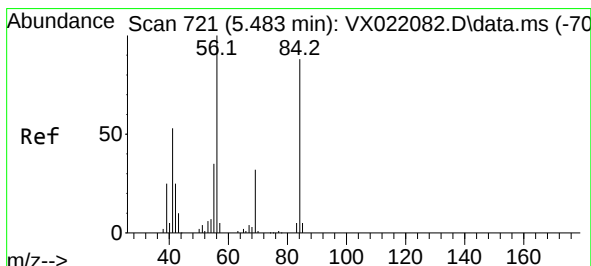
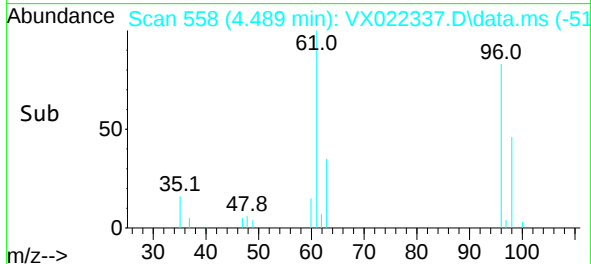
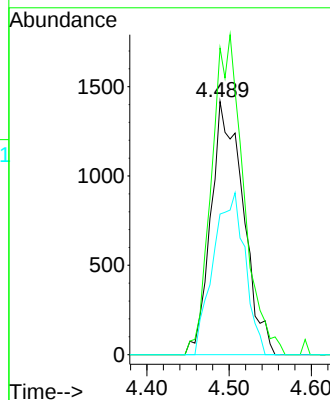
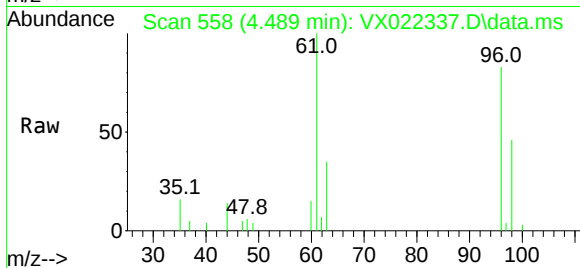
Delta R.T. -0.006 min

Lab File: VX022337.D

Acq: 02 Jun 2021 14:41

Tgt Ion: 96 Resp: 3861

Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	285.6
98	62.7	0.0	129.6



#31

Cyclohexane

Concen: 1.46 ug/l

RT: 5.556 min Scan# 733

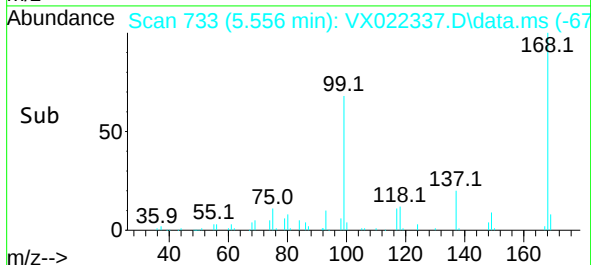
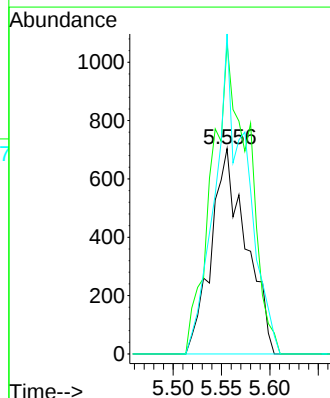
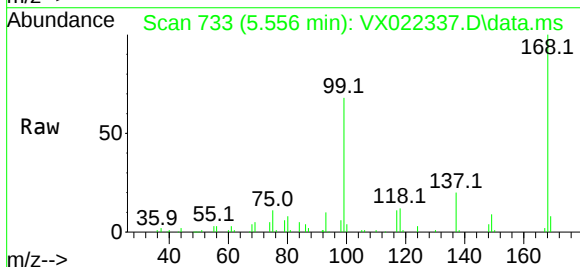
Delta R.T. 0.073 min

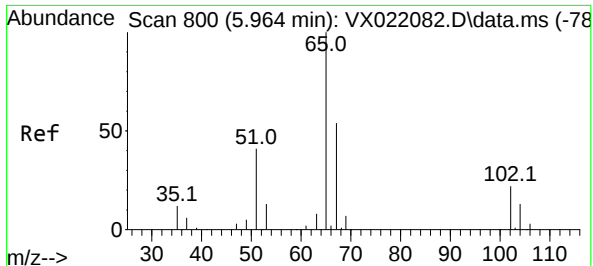
Lab File: VX022337.D

Acq: 02 Jun 2021 14:41

Tgt Ion: 56 Resp: 1762

Ion	Ratio	Lower	Upper
56	100		
69	151.6	25.3	37.9#
84	155.8	71.4	107.0#



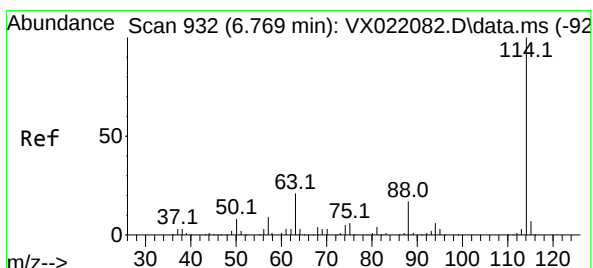
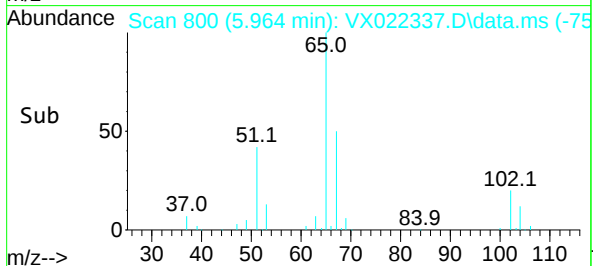
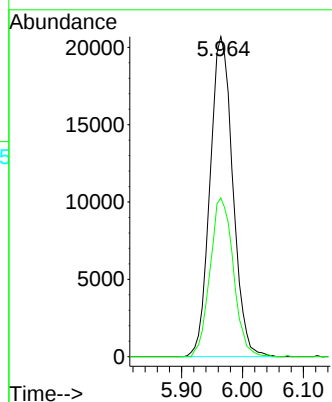
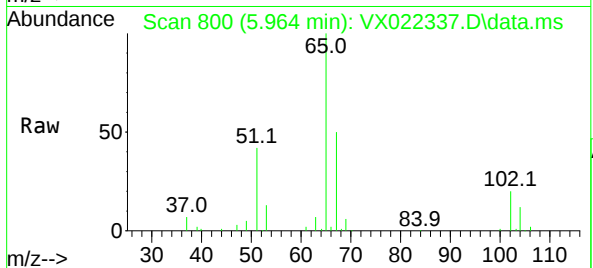


#33

1,2-Dichloroethane-d4
Concen: 55.88 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022337.D
Acq: 02 Jun 2021 14:41

Instrument :
MSVOA_X
ClientSampled :

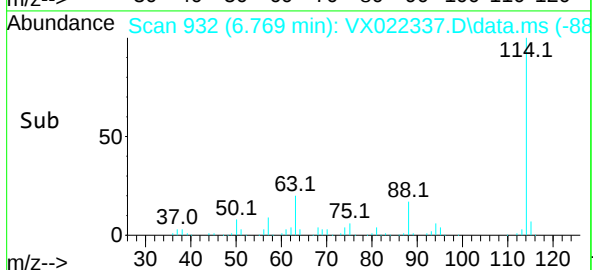
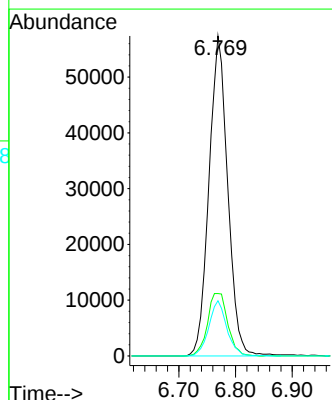
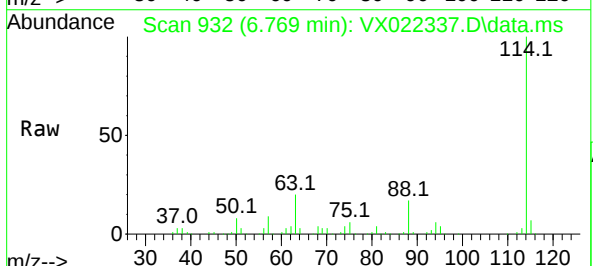
Tgt Ion: 65 Resp: 53776
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

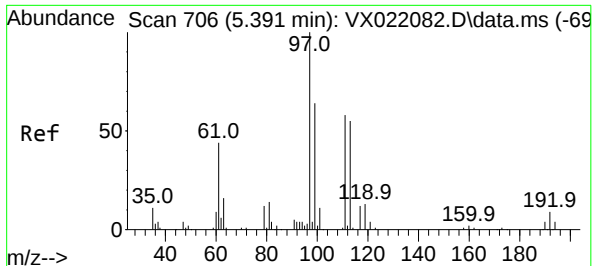


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022337.D
Acq: 02 Jun 2021 14:41

Tgt Ion: 114 Resp: 131703
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.27 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022337.D

Acq: 02 Jun 2021 14:41

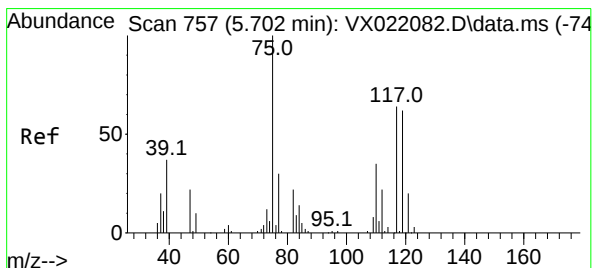
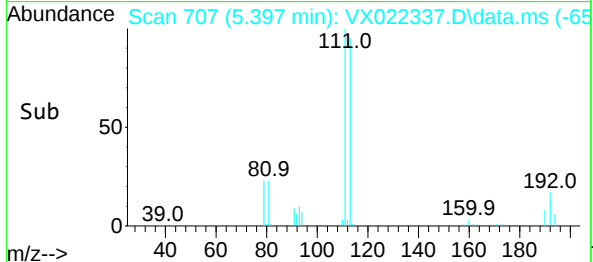
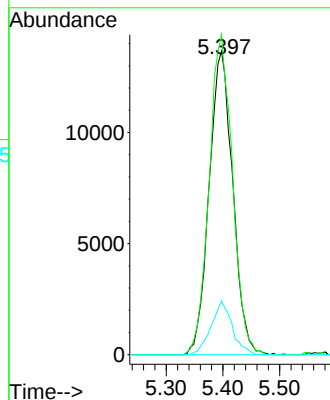
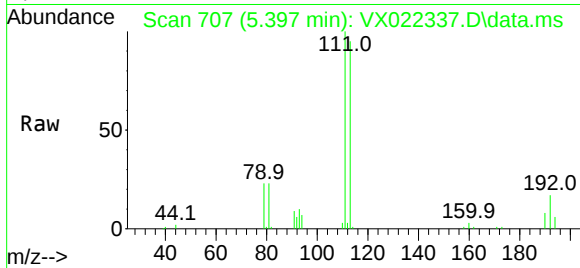
Tgt Ion:113 Resp: 39476

Ion Ratio Lower Upper

113 100

111 104.3 81.9 122.9

192 15.9 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.09 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022337.D

Acq: 02 Jun 2021 14:41

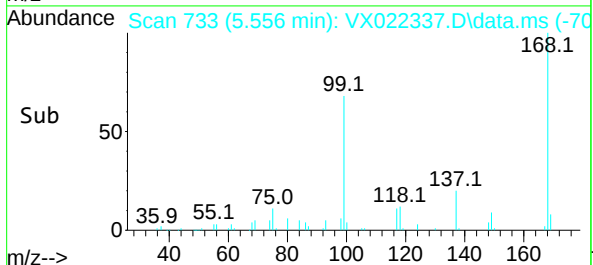
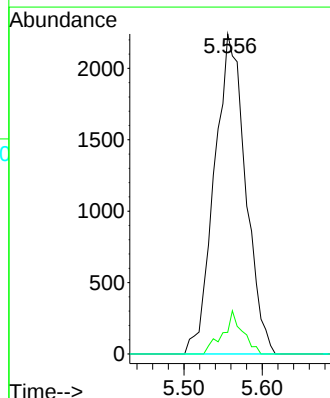
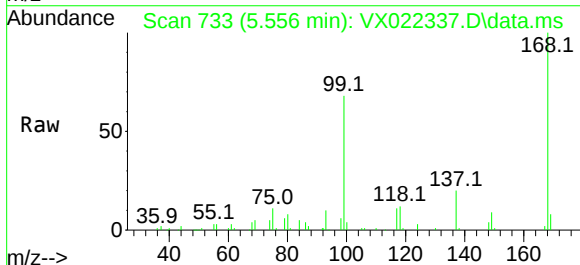
Tgt Ion: 75 Resp: 6202

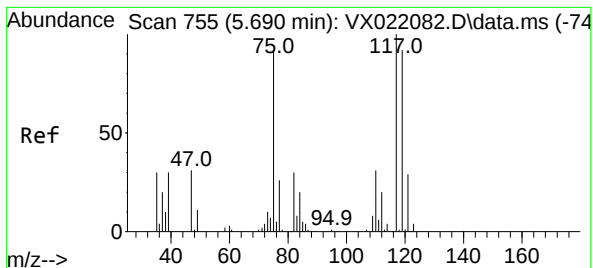
Ion Ratio Lower Upper

75 100

110 8.5 18.1 54.4#

77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

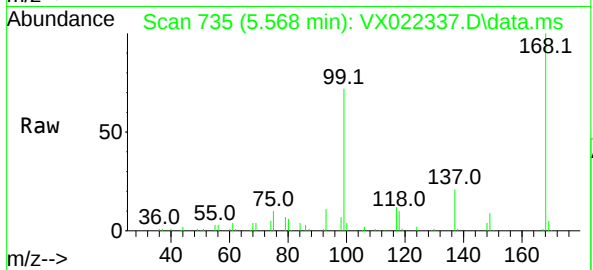
Concen: 6.03 ug/l

RT: 5.568 min Scan# 735

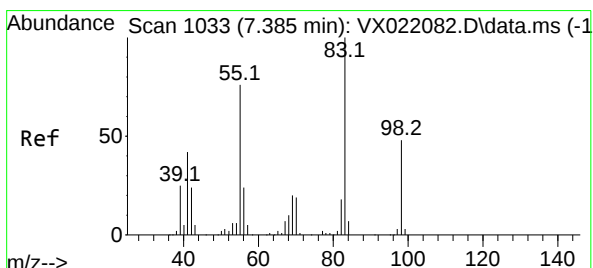
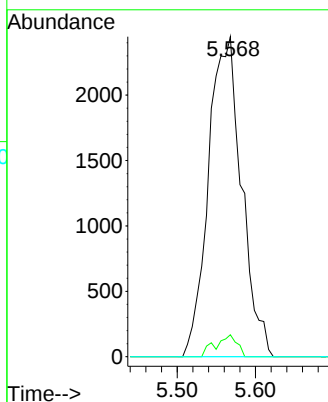
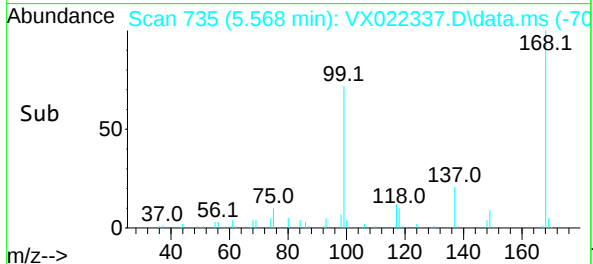
Delta R.T. -0.122 min

Lab File: VX022337.D

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Tgt Ion:	117	Resp:	7186
Ion	Ratio	Lower	Upper
117	100		
119	6.9	76.2	114.2#
121	0.0	24.8	37.2#



#39

Methylcyclohexane

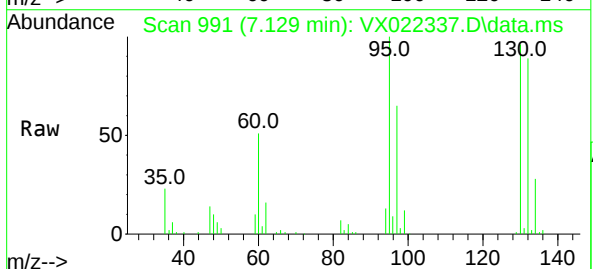
Concen: 0.40 ug/l

RT: 7.129 min Scan# 991

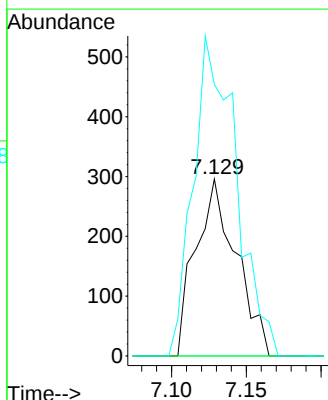
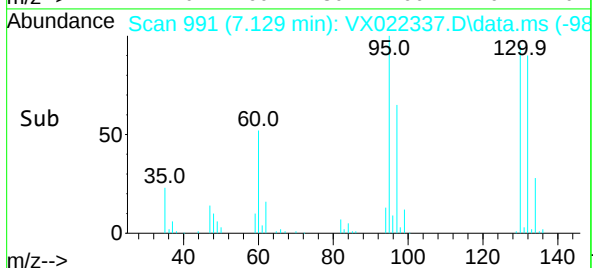
Delta R.T. -0.256 min

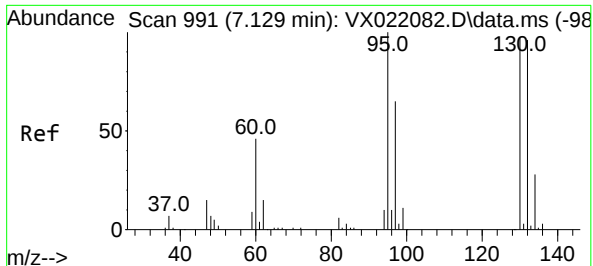
Lab File: VX022337.D

Acq: 02 Jun 2021 14:41



Tgt Ion:	83	Resp:	558
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	153.4	38.1	57.1#

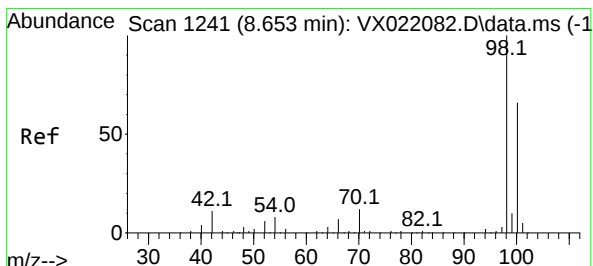
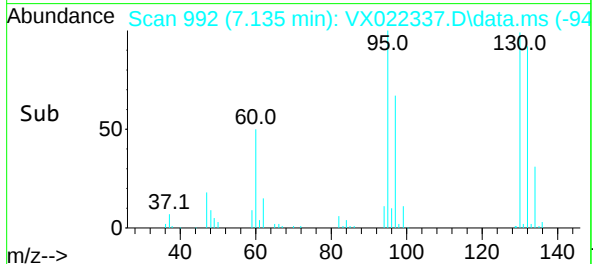
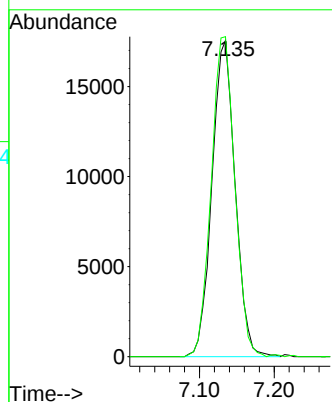
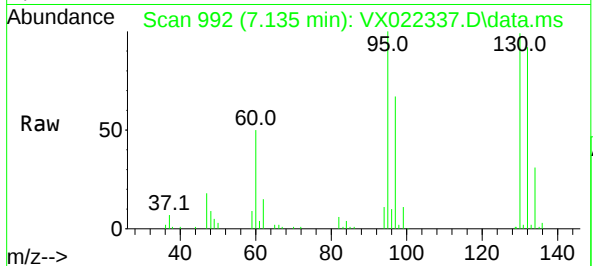




#44
Trichloroethene
Concen: 40.63 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022337.D
Acq: 02 Jun 2021 14:41

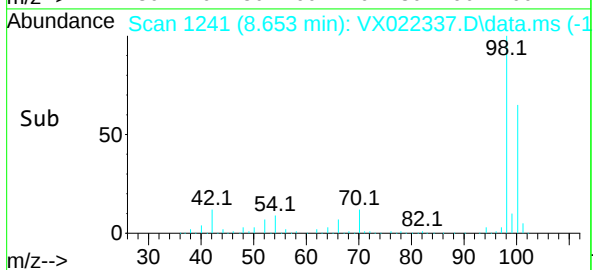
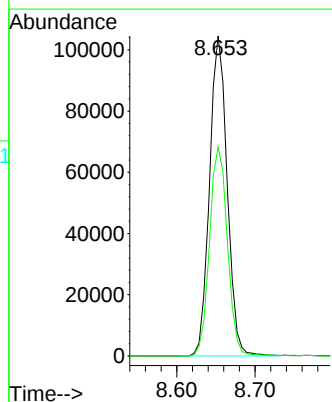
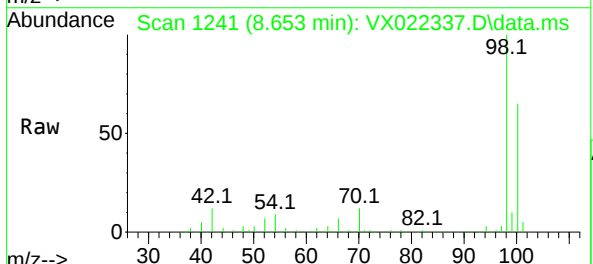
Instrument :
MSVOA_X
ClientSampled :

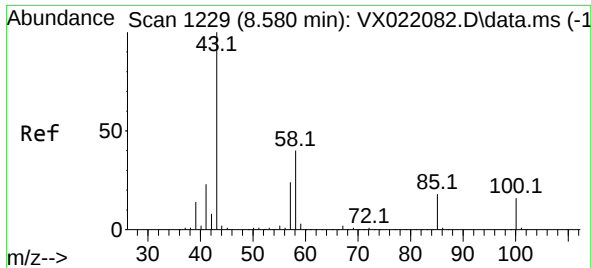
Tgt Ion:130 Resp: 37834
Ion Ratio Lower Upper
130 100
95 101.2 0.0 198.0



#50
Toluene-d8
Concen: 50.75 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022337.D
Acq: 02 Jun 2021 14:41

Tgt Ion: 98 Resp: 163265
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

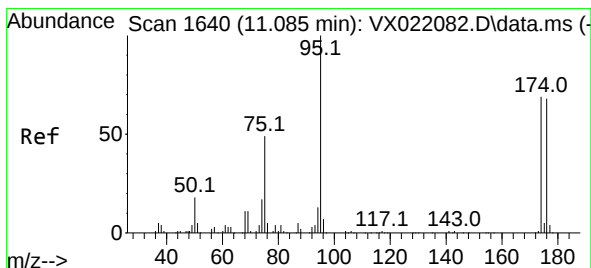
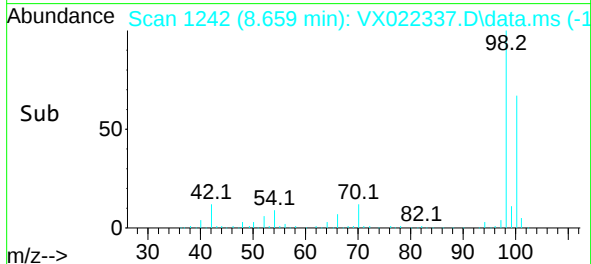
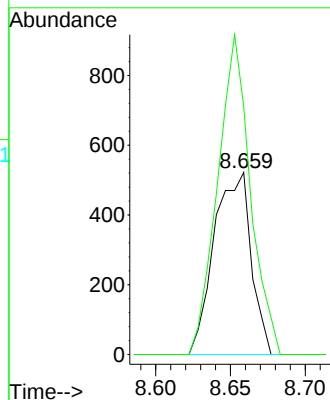
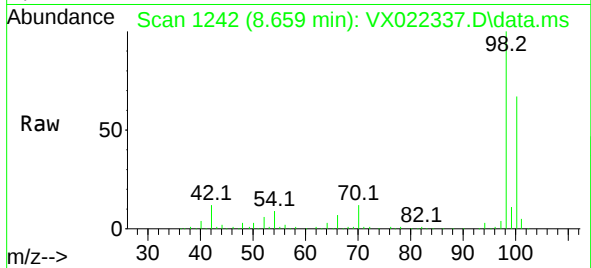




#51
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX022337.D
Acq: 02 Jun 2021 14:41

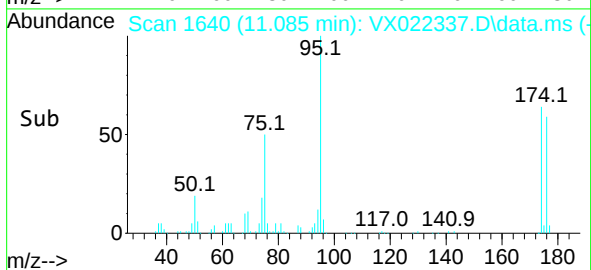
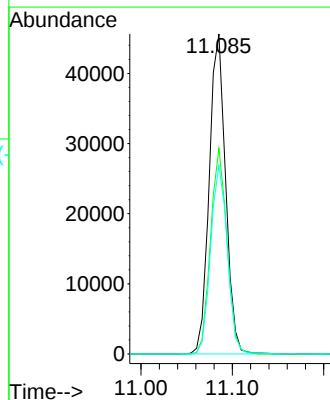
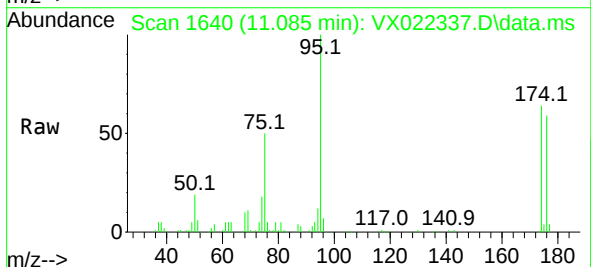
Instrument :
MSVOA_X
ClientSampled :

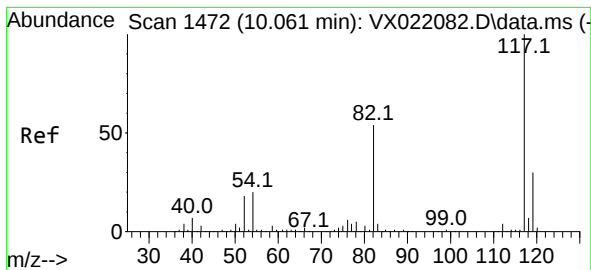
Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
58 156.4 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.57 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022337.D
Acq: 02 Jun 2021 14:41

Tgt Ion: 95 Resp: 56567
Ion Ratio Lower Upper
95 100
174 64.5 0.0 154.6
176 60.1 0.0 155.8

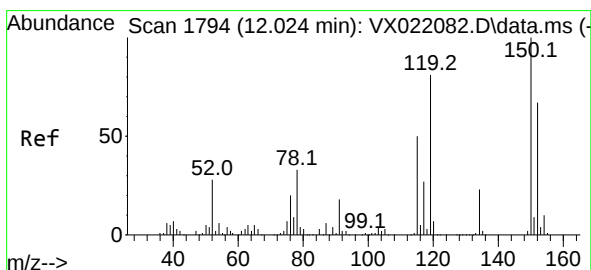
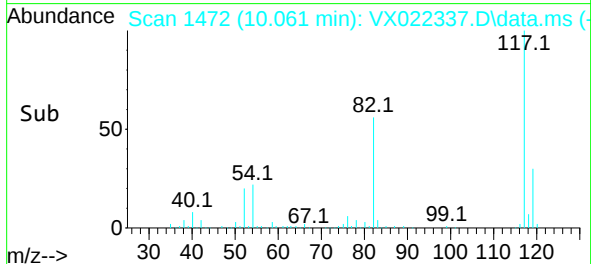
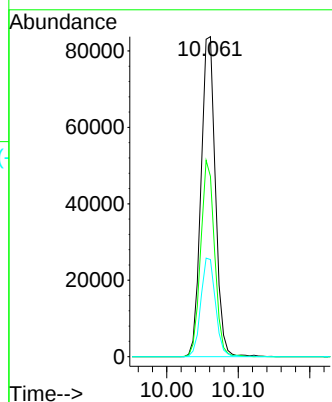
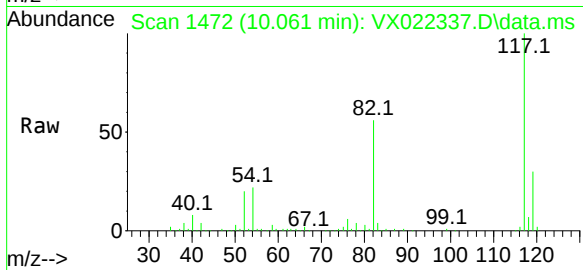




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022337.D
Acq: 02 Jun 2021 14:41

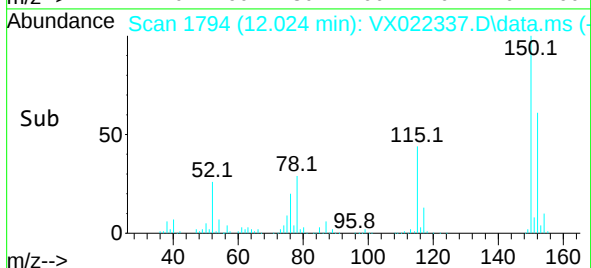
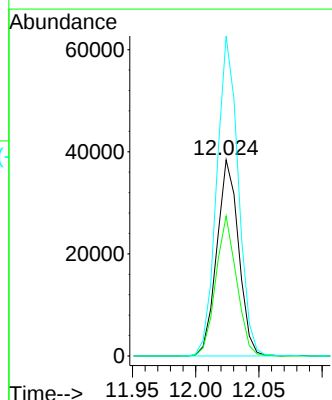
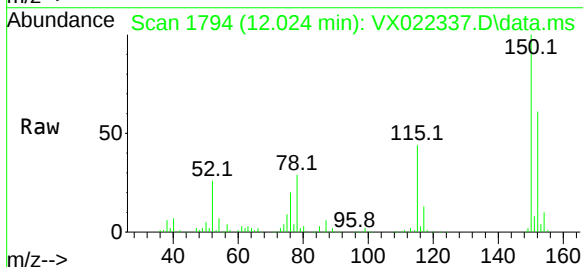
Instrument :
MSVOA_X
ClientSampleId :

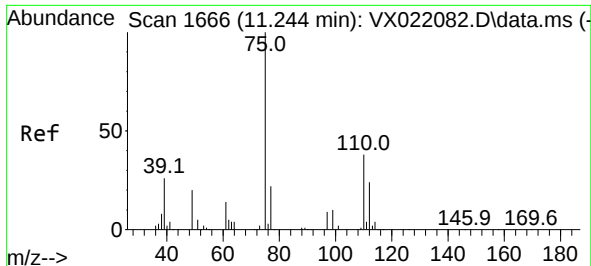
Tgt Ion:117 Resp: 117059
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 30.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022337.D
Acq: 02 Jun 2021 14:41

Tgt Ion:152 Resp: 45932
Ion Ratio Lower Upper
152 100
115 68.2 41.1 123.3
150 161.5 0.0 349.0

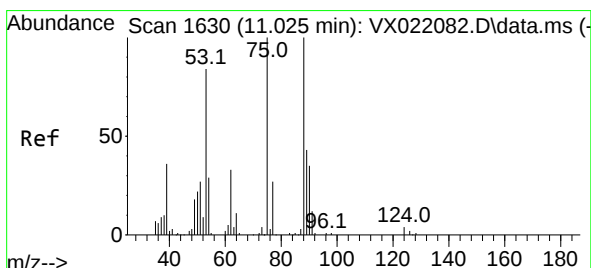
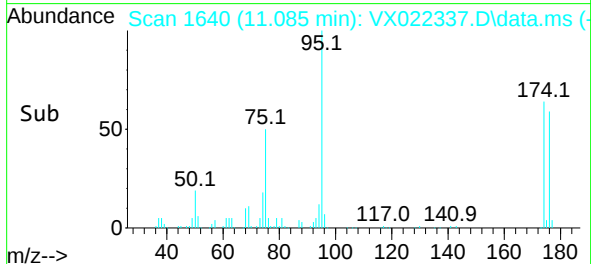
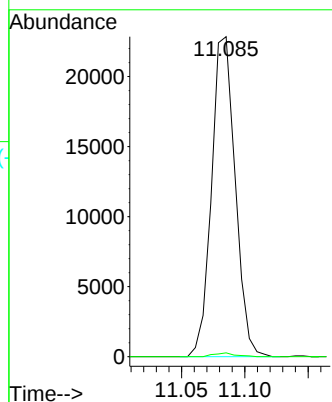
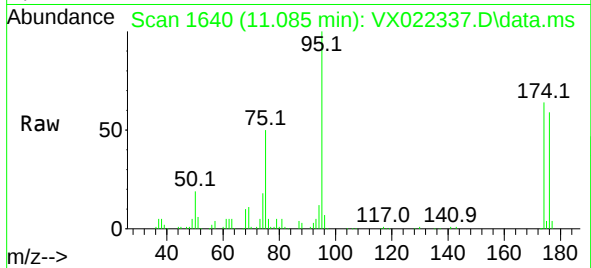




#76
1,2,3-Trichloropropane
Concen: 26.24 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022337.D
Acq: 02 Jun 2021 14:41

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 29736
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.18 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022337.D
Acq: 02 Jun 2021 14:41

Tgt Ion: 75 Resp: 29736
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

