

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022376.D
 Acq On : 03 Jun 2021 19:08
 Operator : JC/MD
 Sample : M2583-22 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 03:54:03 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)

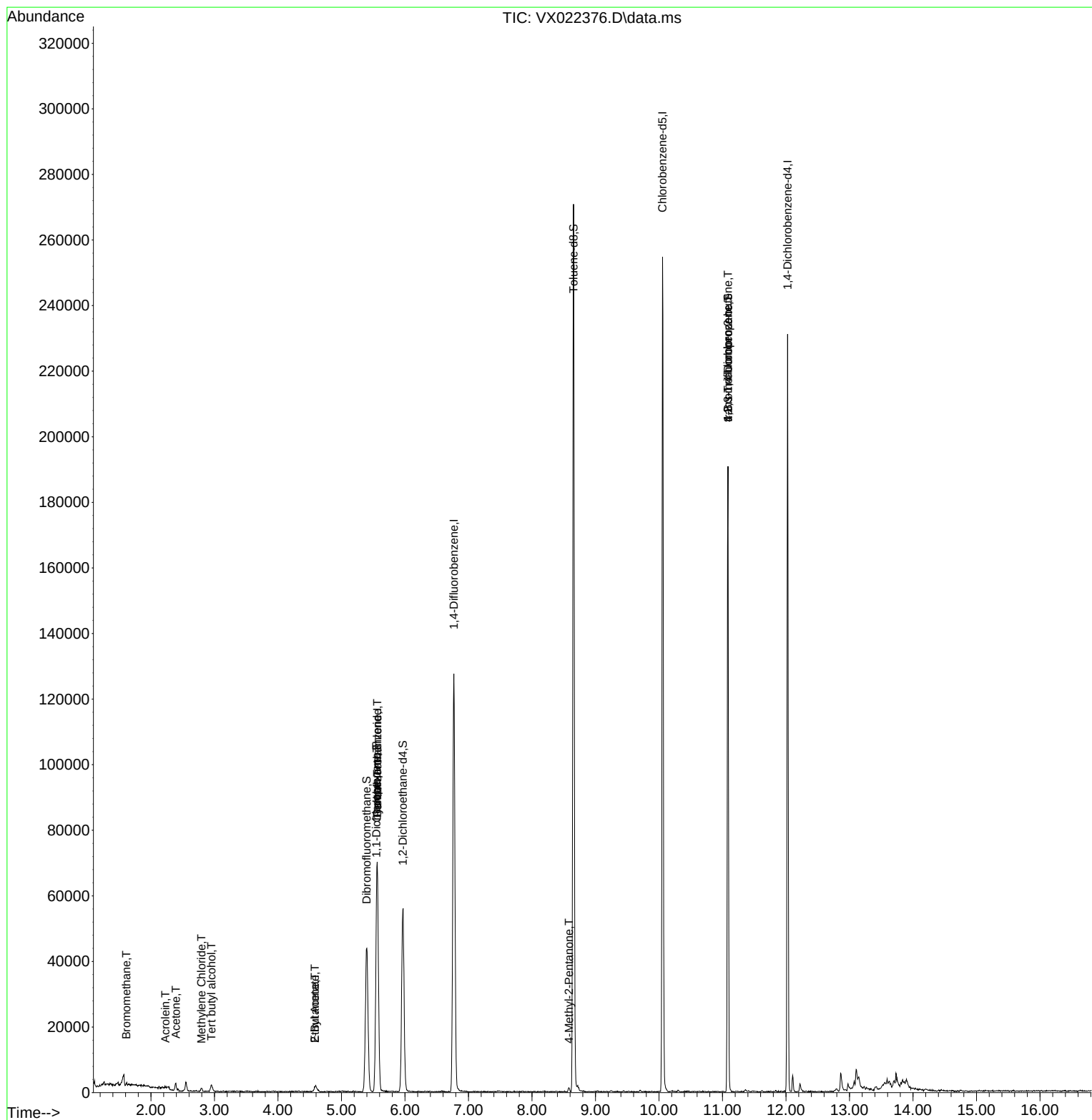
Internal Standards						
1) Pentafluorobenzene	5.562	168	59730	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	126774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52489	56.97	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.94%	
35) Dibromofluoromethane	5.397	113	38425	47.80	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.60%	
50) Toluene-d8	8.653	98	154907	50.02	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.04%	
62) 4-Bromofluorobenzene	11.085	95	52570	45.93	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.86%	
Target Compounds						
						Qvalue
5) Bromomethane	1.612	94	108	0.22	ug/l	# 53
11) Tert butyl alcohol	2.953	59	1148	5.45	ug/l	# 73
13) Acrolein	2.227	56	64	0.46	ug/l	# 14
16) Acetone	2.392	43	2516	6.27	ug/l	95
20) Methylene Chloride	2.794	84	363	0.41	ug/l	# 78
25) 2-Butanone	4.581	43	608	0.94	ug/l	# 45
31) Cyclohexane	5.556	56	1635	1.41	ug/l	# 15
36) 1,1-Dichloropropene	5.550	75	5940	5.07	ug/l	# 47
37) Ethyl Acetate	4.581	43	608	0.42	ug/l	# 64
38) Carbon Tetrachloride	5.562	117	7144	6.23	ug/l	# 18
51) 4-Methyl-2-Pentanone	8.580	43	839	0.60	ug/l	# 76
76) 1,2,3-Trichloropropane	11.085	75	27422	27.36	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27422	64.82	ug/l	# 12

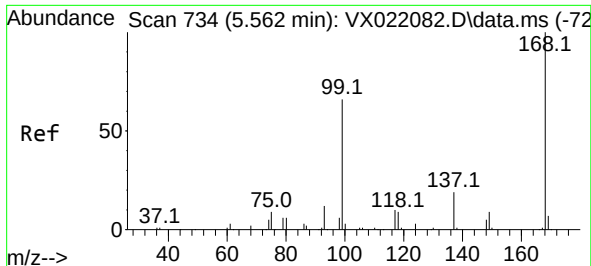
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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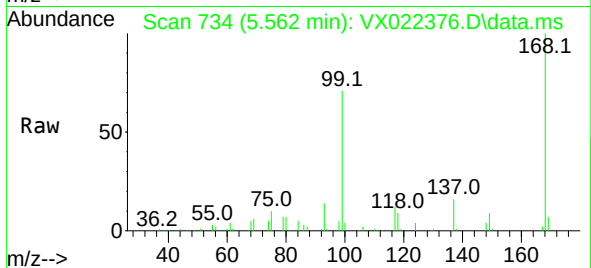
Quant Time: Jun 04 03:54:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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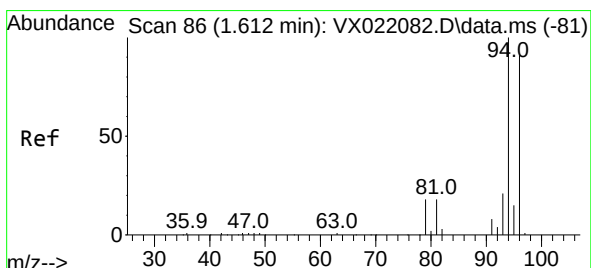
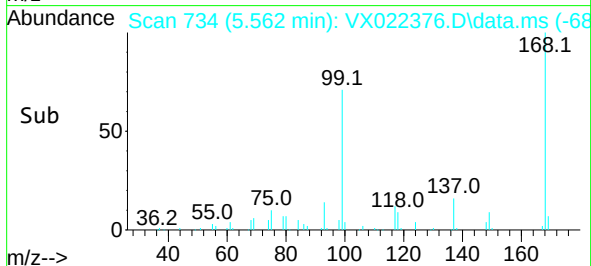
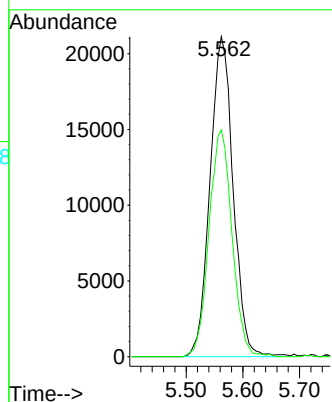


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022376.D
Acq: 03 Jun 2021 19:08

Instrument :
MSVOA_X
ClientSampled :

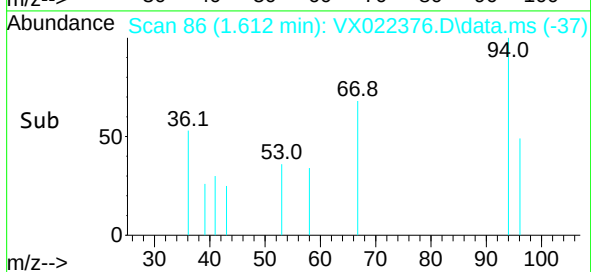
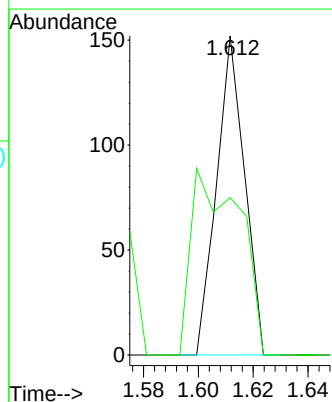
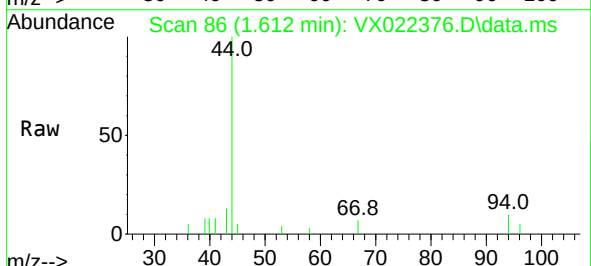


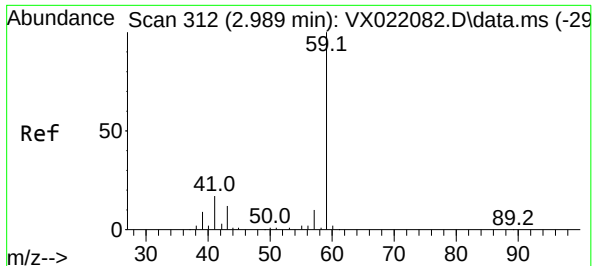
Tgt Ion:168 Resp: 59730
Ion Ratio Lower Upper
168 100
99 70.8 45.8 68.6#



#5
Bromomethane
Concen: 0.22 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX022376.D
Acq: 03 Jun 2021 19:08

Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 49.3 76.4 114.6#



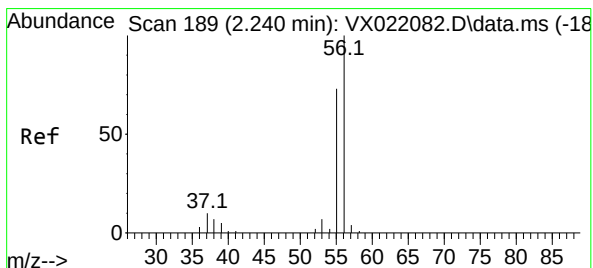
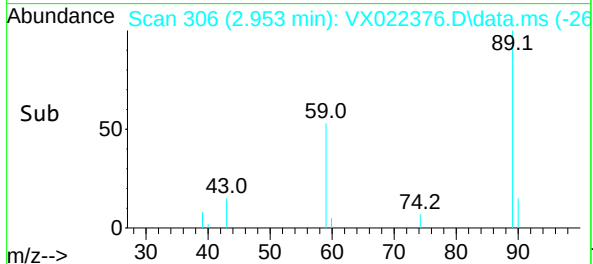
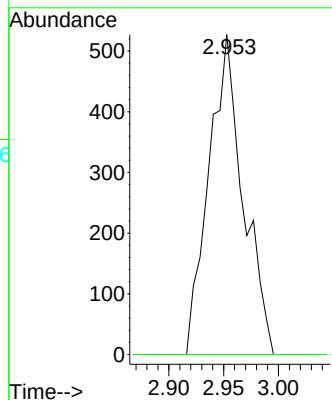
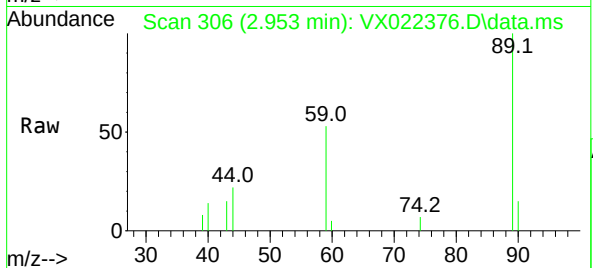


#11

Tert butyl alcohol
Concen: 5.45 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022376.D
Acq: 03 Jun 2021 19:08

Instrument :
MSVOA_X
ClientSampled :

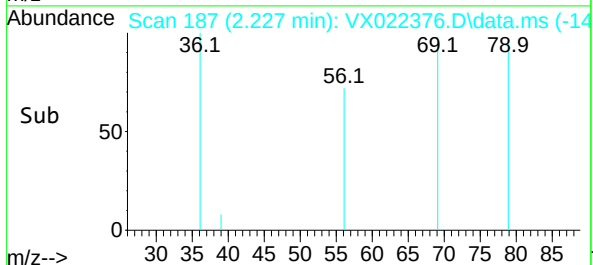
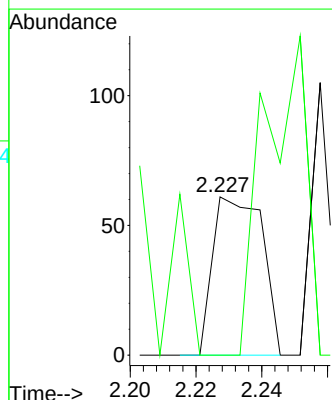
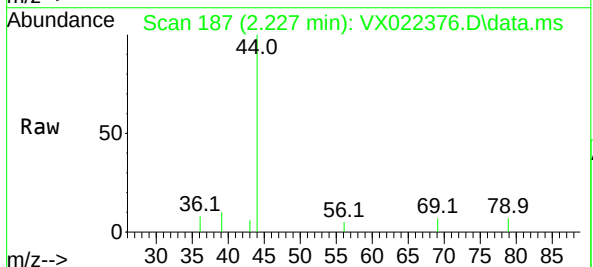
Tgt Ion: 59 Resp: 1148
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

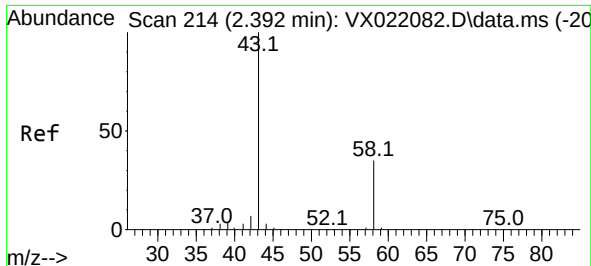


#13

Acrolein
Concen: 0.46 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.013 min
Lab File: VX022376.D
Acq: 03 Jun 2021 19:08

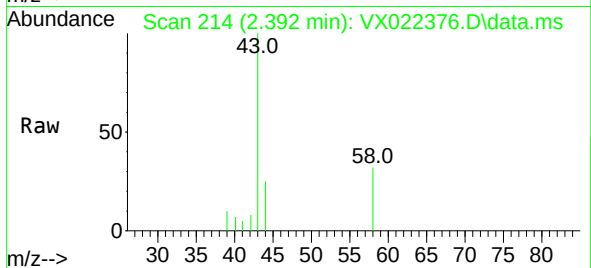
Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



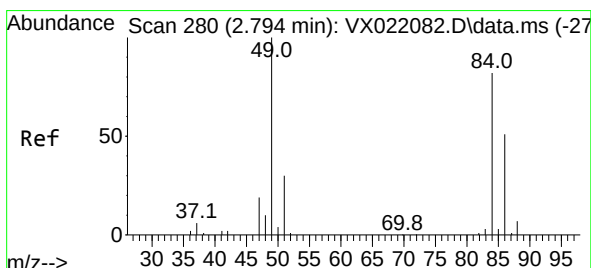
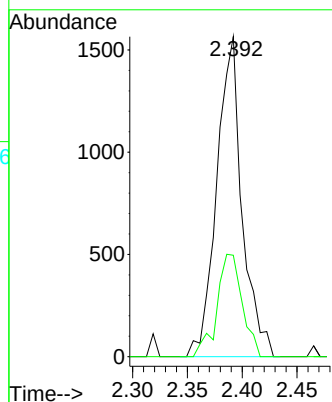
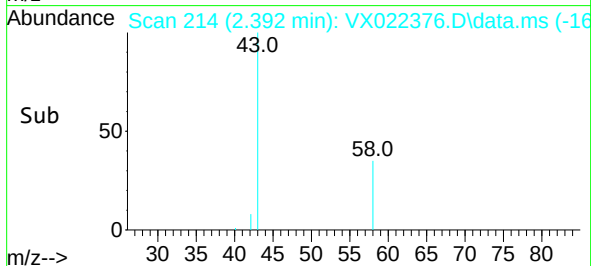


#16
Acetone
Concen: 6.27 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022376.D
Acq: 03 Jun 2021 19:08

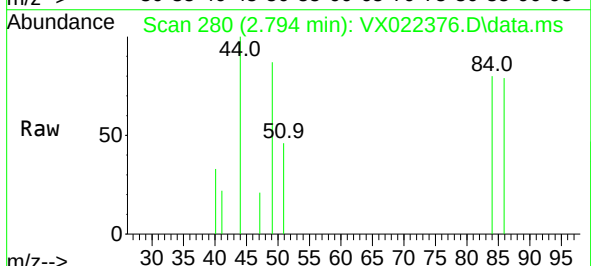
Instrument :
MSVOA_X
ClientSampled :



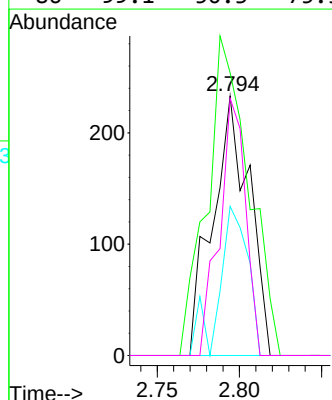
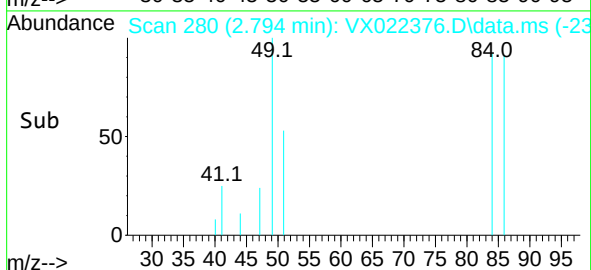
Tgt Ion: 43 Resp: 2516
Ion Ratio Lower Upper
43 100
58 31.7 27.8 41.8

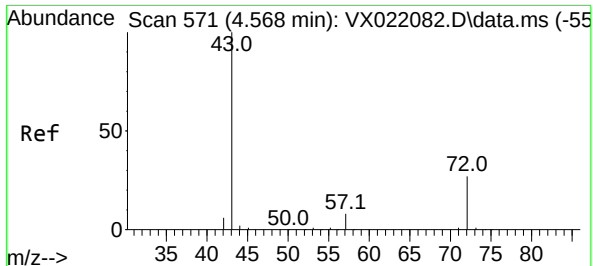


#20
Methylene Chloride
Concen: 0.41 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022376.D
Acq: 03 Jun 2021 19:08



Tgt Ion: 84 Resp: 363
Ion Ratio Lower Upper
84 100
49 109.0 88.6 132.8
51 57.5 27.0 40.6#
86 99.1 50.3 75.5#

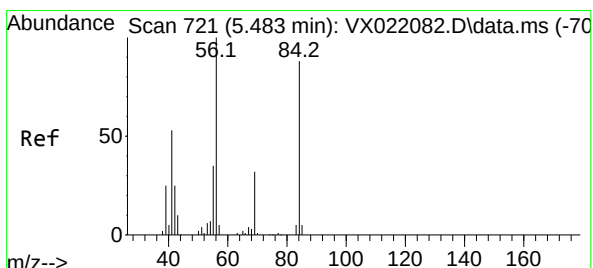
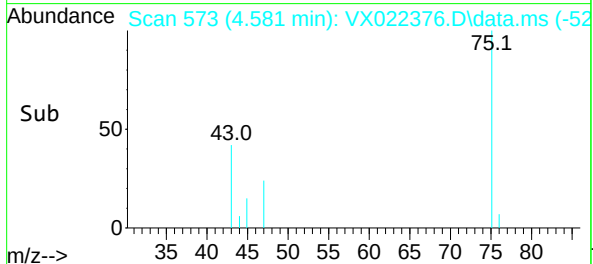
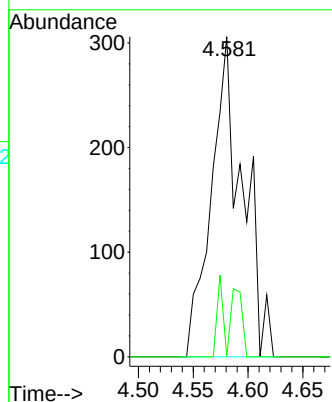
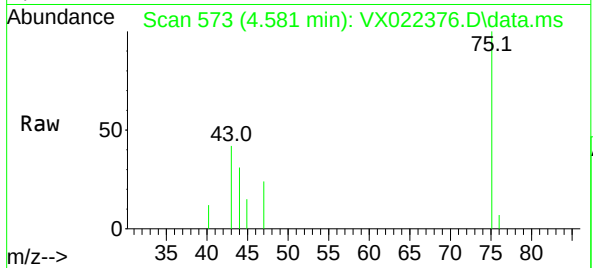




#25
2-Butanone
Concen: 0.94 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX022376.D
Acq: 03 Jun 2021 19:08

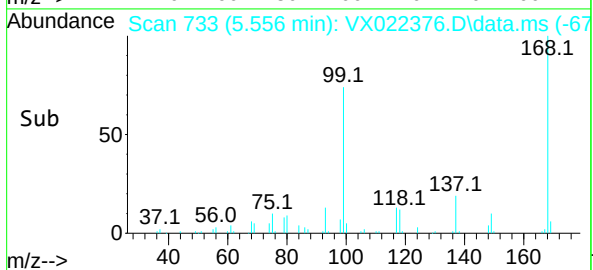
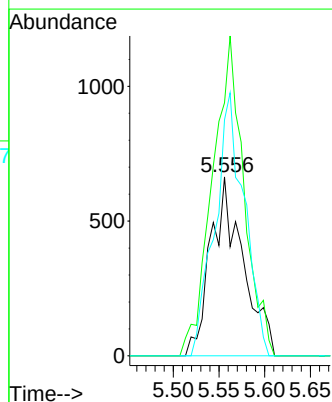
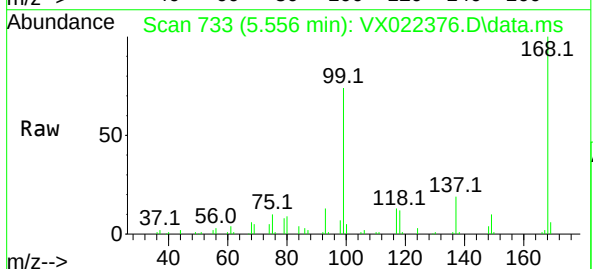
Instrument :
MSVOA_X
ClientSampled :

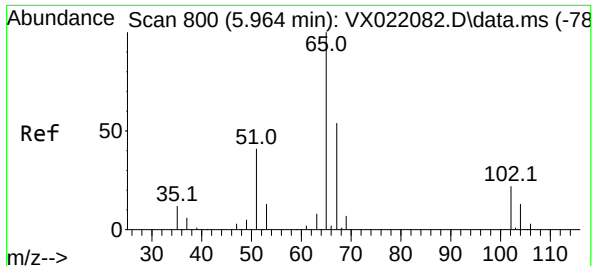
Tgt Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022376.D
Acq: 03 Jun 2021 19:08

Tgt Ion: 56 Resp: 1635
Ion Ratio Lower Upper
56 100
69 141.4 25.3 37.9#
84 131.9 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 56.97 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022376.D

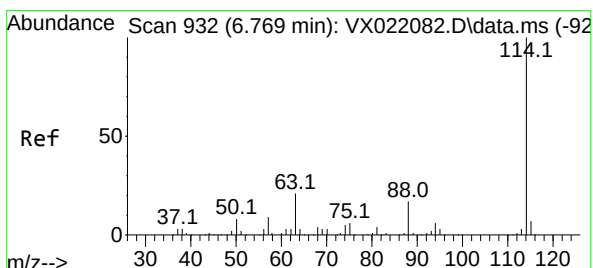
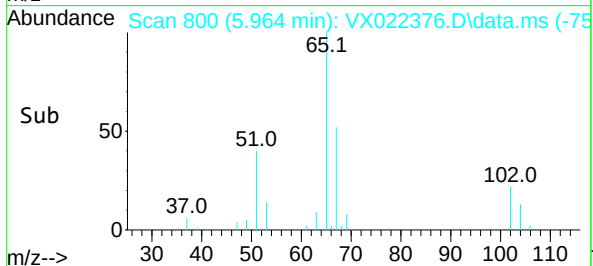
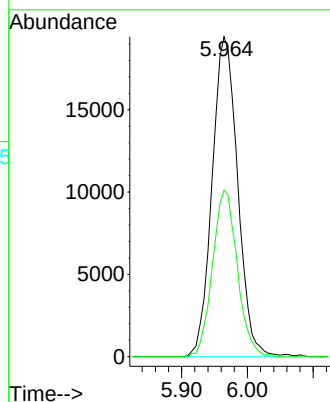
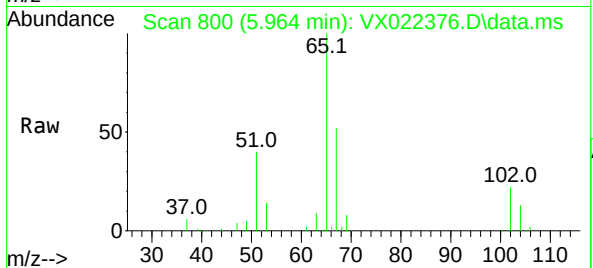
Acq: 03 Jun 2021 19:08

Tgt Ion: 65 Resp: 52489

Ion Ratio Lower Upper

65 100

67 50.6 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: VX022376.D

Acq: 03 Jun 2021 19:08

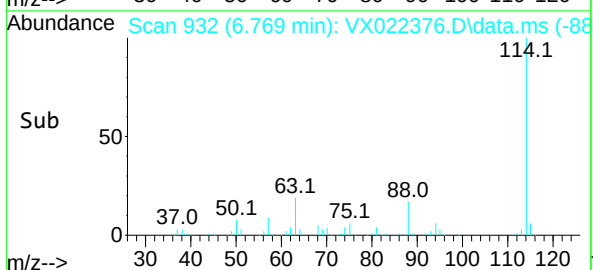
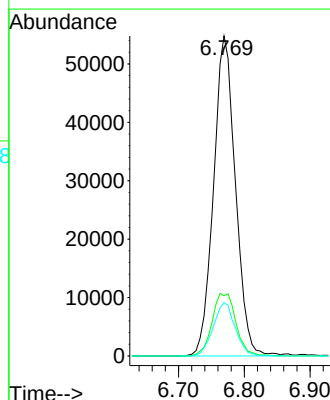
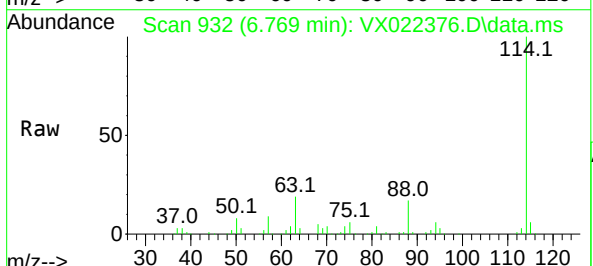
Tgt Ion: 114 Resp: 126774

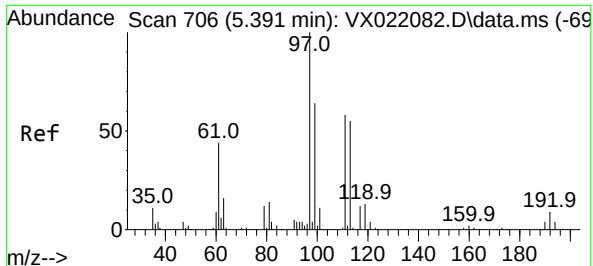
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.8

88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.80 ug/l

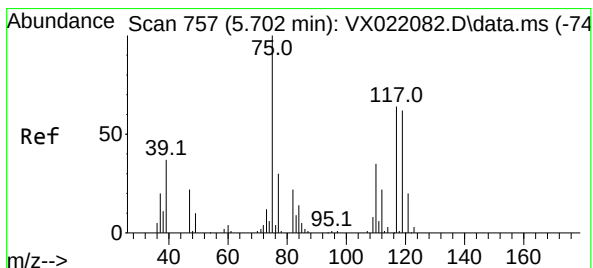
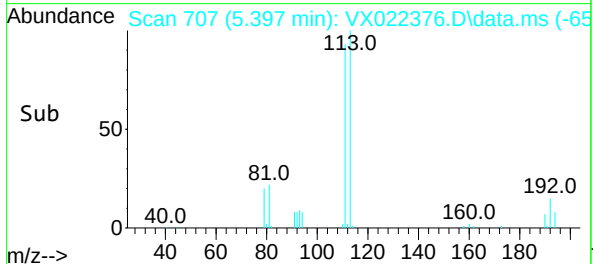
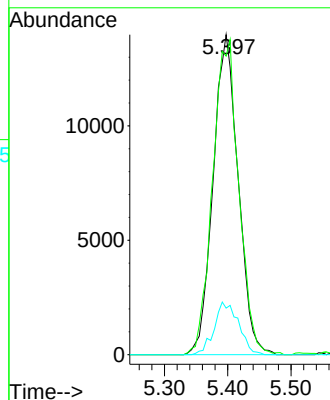
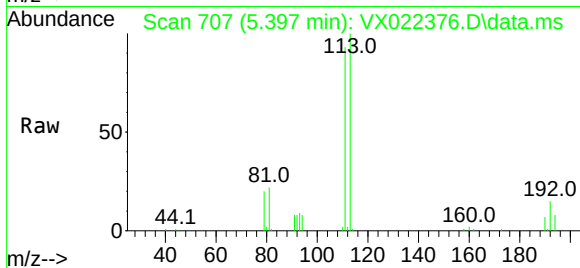
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022376.D

Acq: 03 Jun 2021 19:08

Tgt Ion:	113	Resp:	38425
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	16.0	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.07 ug/l

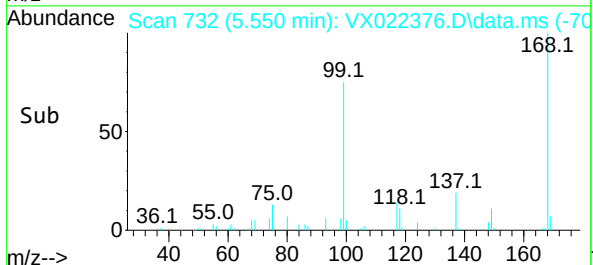
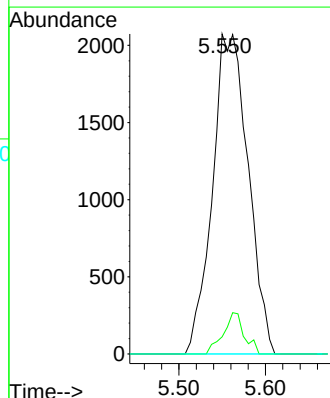
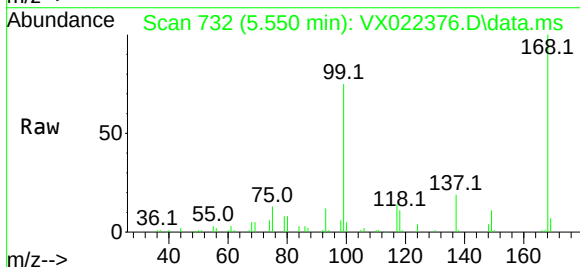
RT: 5.550 min Scan# 732

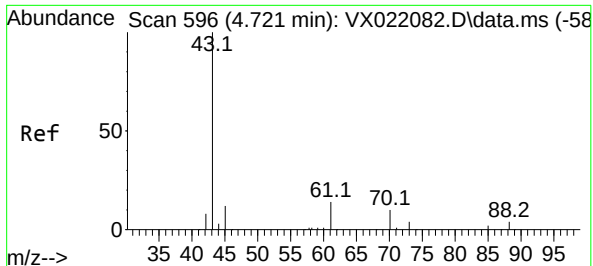
Delta R.T. -0.152 min

Lab File: VX022376.D

Acq: 03 Jun 2021 19:08

Tgt Ion:	75	Resp:	5940
Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.1	54.4#
77	0.0	25.3	37.9#





#37

Ethyl Acetate

Concen: 0.42 ug/l

RT: 4.581 min Scan# 573

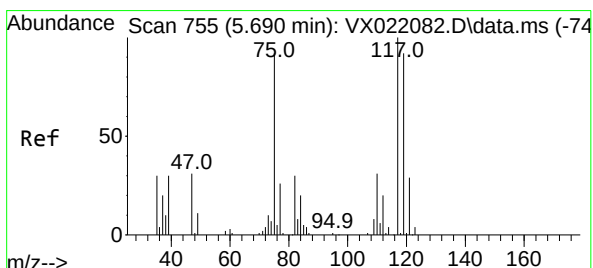
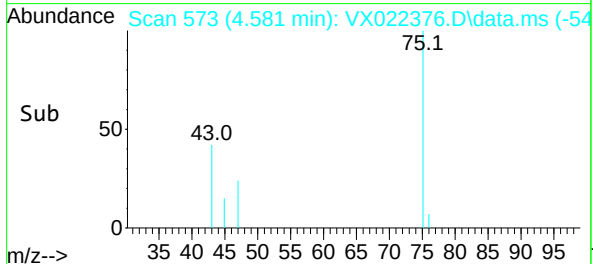
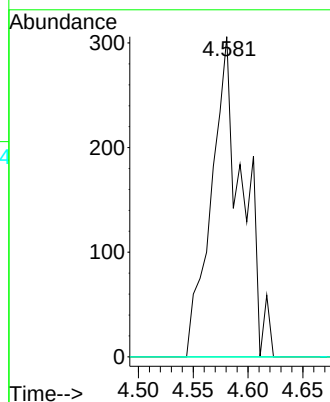
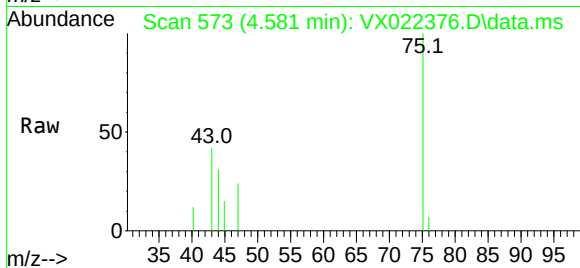
Delta R.T. -0.140 min

Lab File: VX022376.D

Acq: 03 Jun 2021 19:08

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 43	Resp: 608
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 6.23 ug/l

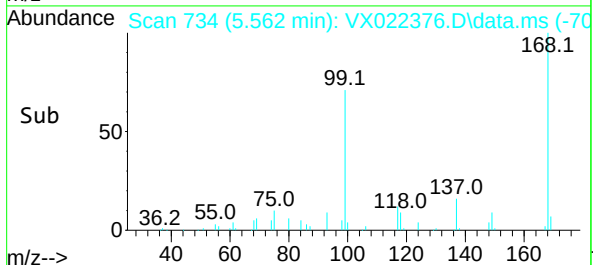
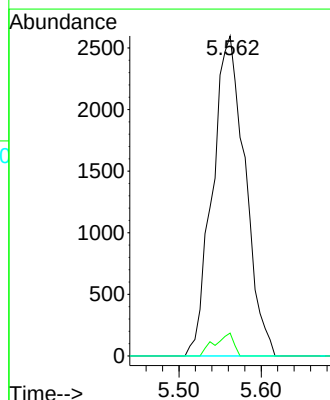
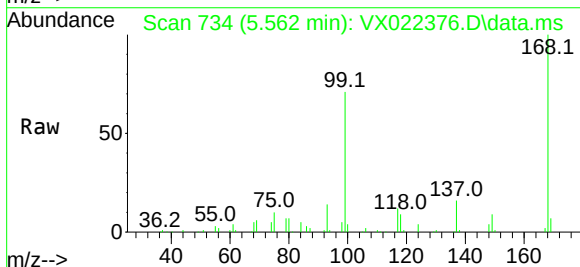
RT: 5.562 min Scan# 734

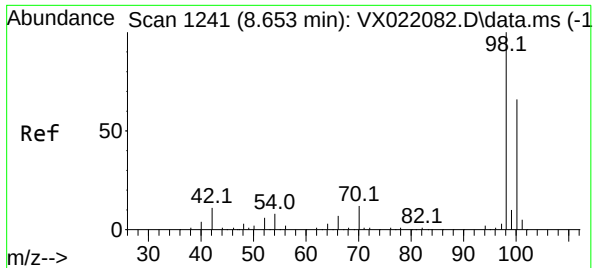
Delta R.T. -0.128 min

Lab File: VX022376.D

Acq: 03 Jun 2021 19:08

Tgt Ion: 117	Resp: 7144
Ion Ratio	Lower Upper
117 100	
119 7.1	76.2 114.2#
121 0.0	24.8 37.2#

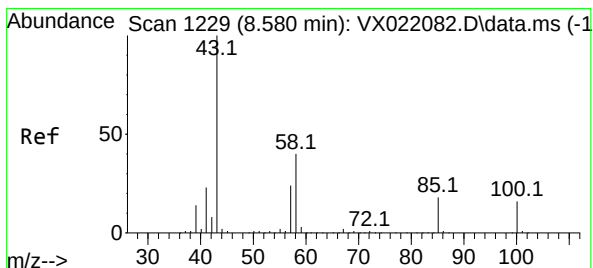
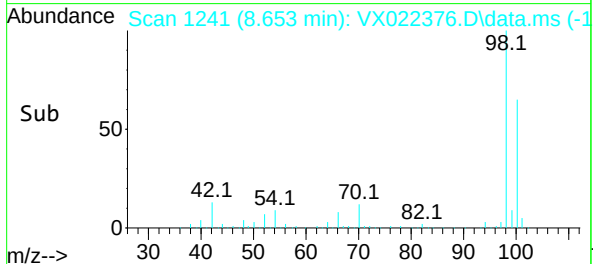
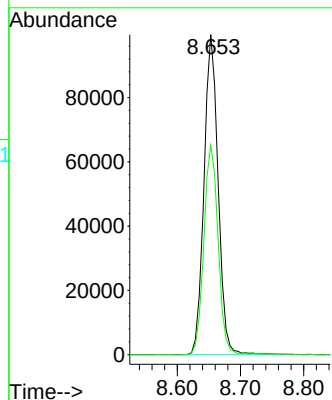
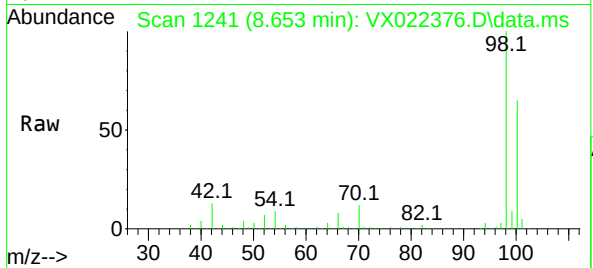




#50
Toluene-d8
Concen: 50.02 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022376.D
Acq: 03 Jun 2021 19:08

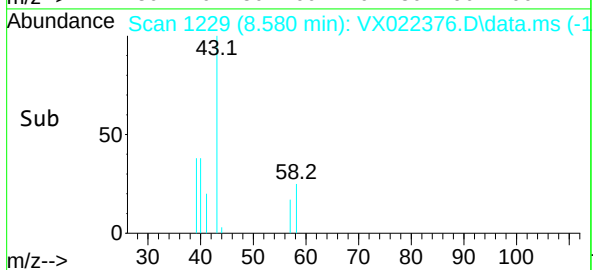
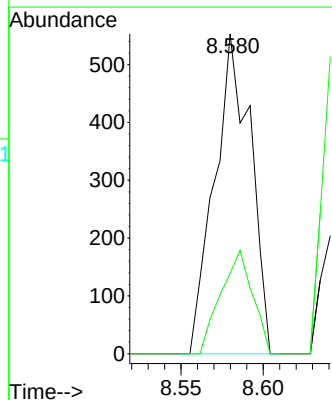
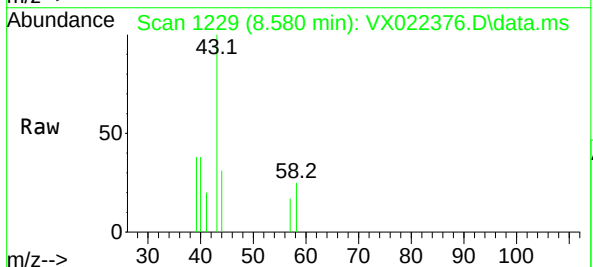
Instrument :
MSVOA_X
ClientSampled :

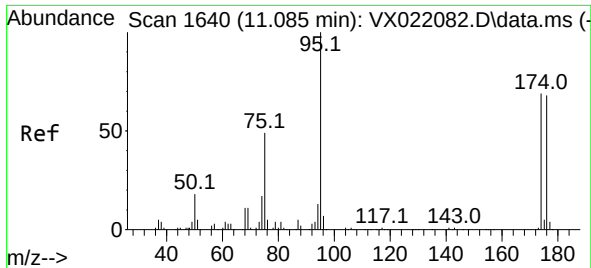
Tgt Ion: 98 Resp: 154907
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022376.D
Acq: 03 Jun 2021 19:08

Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
58 28.7 35.4 53.0#

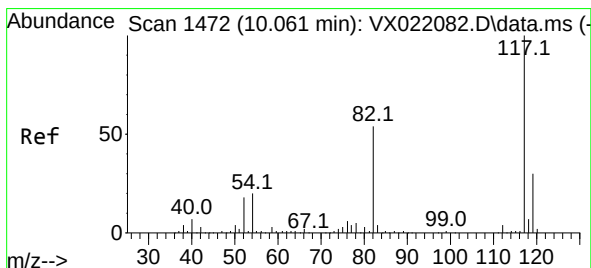
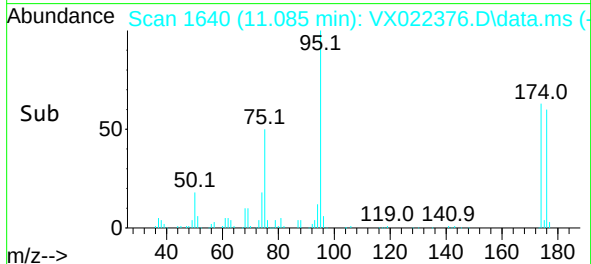
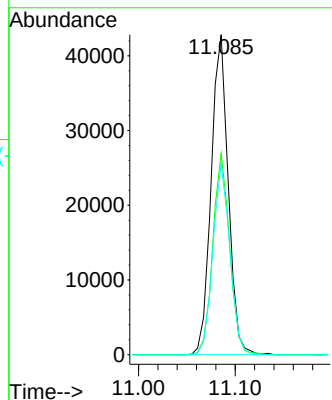
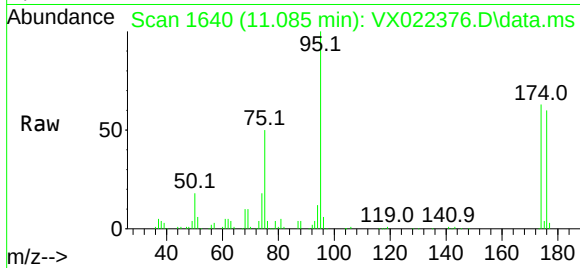




#62
4-Bromofluorobenzene
Concen: 45.93 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022376.D
Acq: 03 Jun 2021 19:08

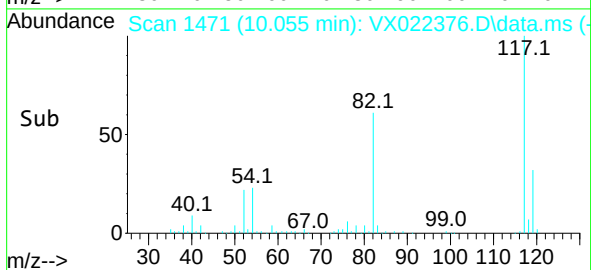
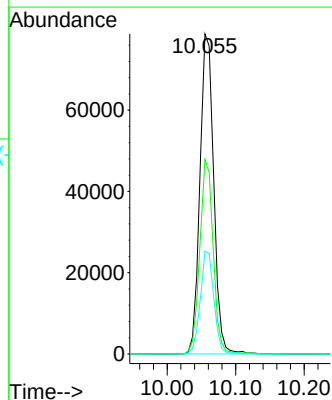
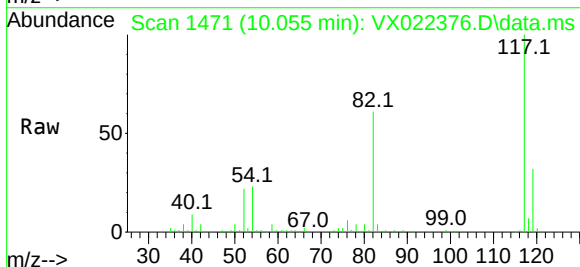
Instrument :
MSVOA_X
ClientSampleId :

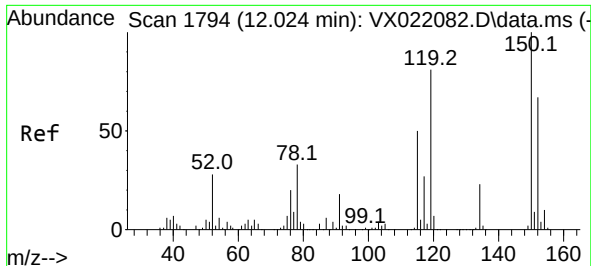
Tgt Ion: 95 Resp: 52570
Ion Ratio Lower Upper
95 100
174 62.0 0.0 154.6
176 59.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022376.D
Acq: 03 Jun 2021 19:08

Tgt Ion: 117 Resp: 110518
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 32.1 26.6 39.8

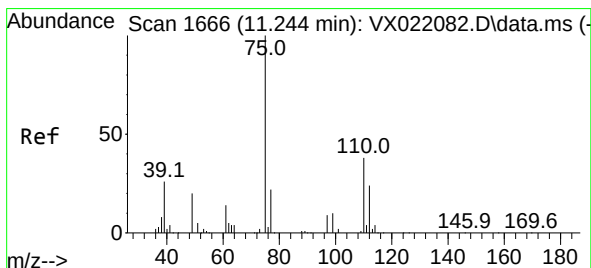
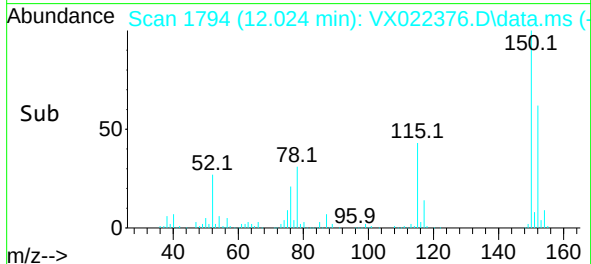
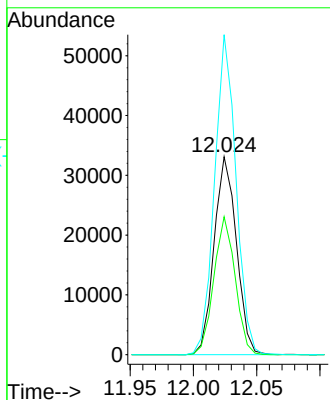
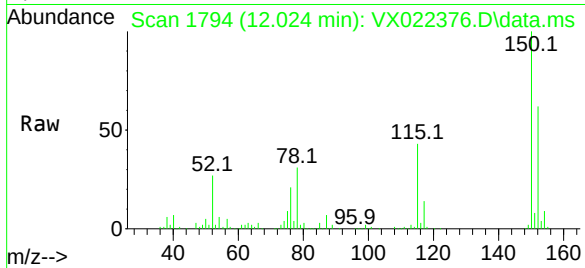




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022376.D
Acq: 03 Jun 2021 19:08

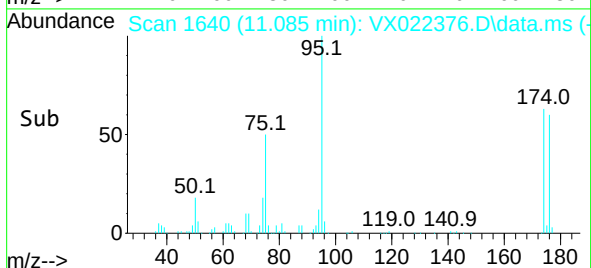
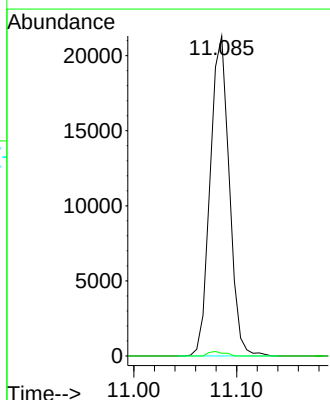
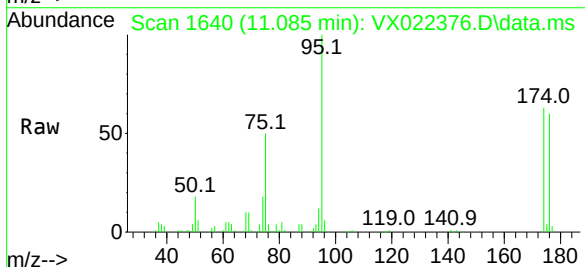
Instrument :
MSVOA_X
ClientSampled :

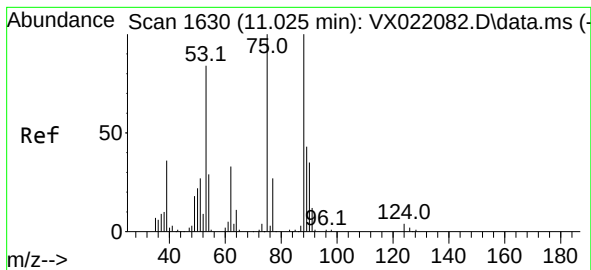
Tgt Ion:152 Resp: 40630
Ion Ratio Lower Upper
152 100
115 66.5 41.1 123.3
150 154.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.36 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022376.D
Acq: 03 Jun 2021 19:08

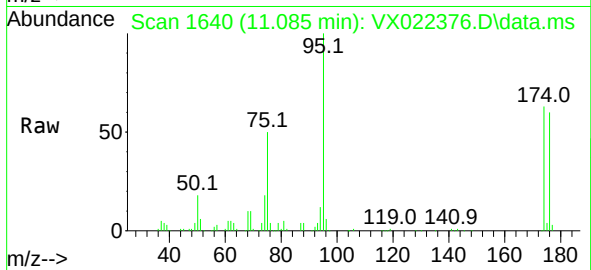
Tgt Ion: 75 Resp: 27422
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.82 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022376.D
 Acq: 03 Jun 2021 19:08

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 27422
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

