

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022403.D
 Acq On : 04 Jun 2021 06:07
 Operator : JC/MD
 Sample : M2580-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 18-B1(0-2)

Quant Time: Jun 04 07:10:12 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)

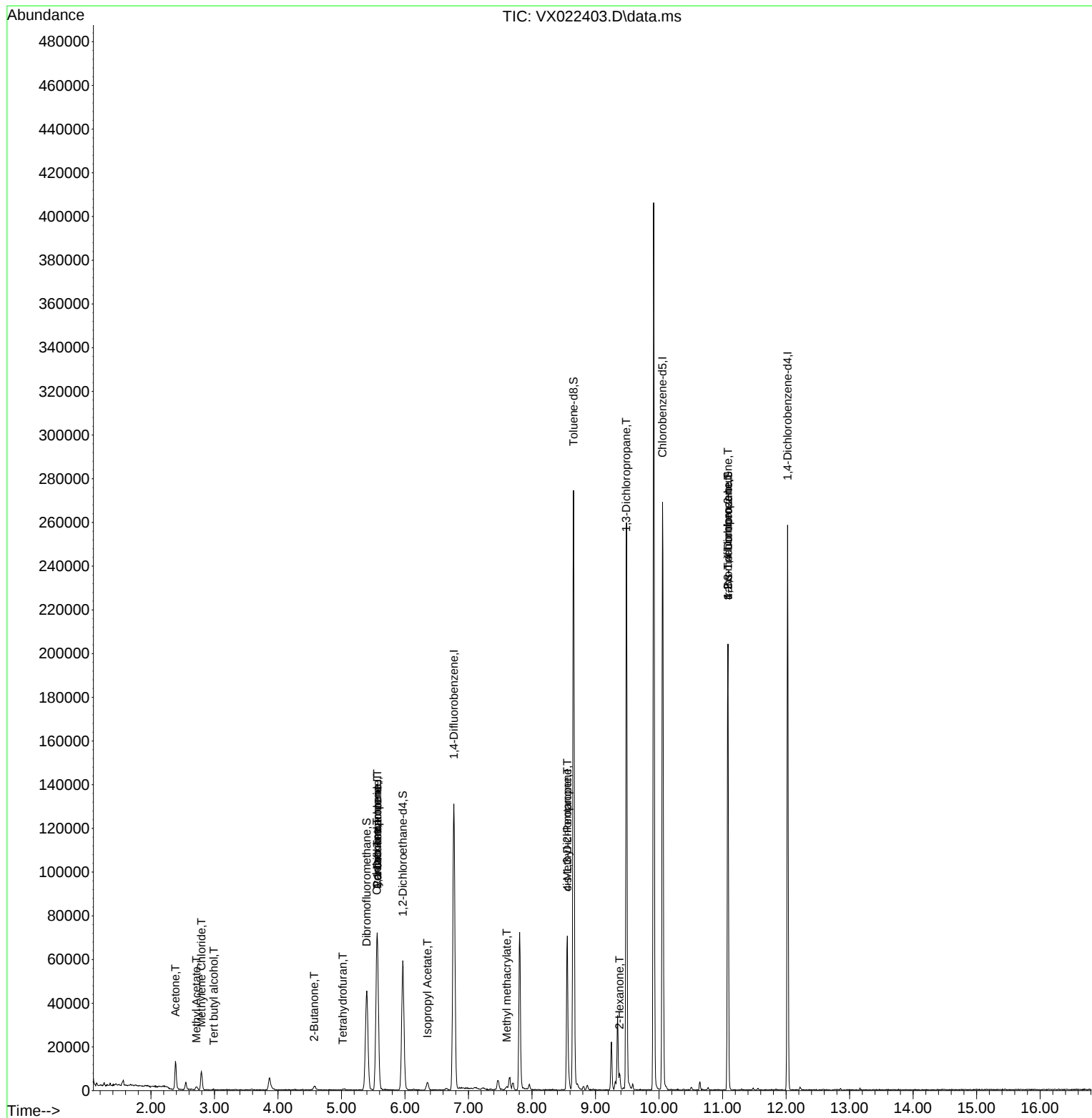
Internal Standards						
1) Pentafluorobenzene	5.562	168	60721	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	127784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53115	56.71	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	113.42%		
35) Dibromofluoromethane	5.397	113	38582	47.61	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.22%		
50) Toluene-d8	8.653	98	159830	51.20	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.40%		
62) 4-Bromofluorobenzene	11.085	95	56113	48.63	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.26%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.989	59	64	0.30	ug/l #	73
16) Acetone	2.386	43	13869	34.01	ug/l	89
18) Methyl Acetate	2.715	43	2110	1.95	ug/l #	85
20) Methylene Chloride	2.794	84	3579	3.95	ug/l #	65
25) 2-Butanone	4.568	43	3285	4.98	ug/l #	77
29) Tetrahydrofuran	5.019	42	151	0.38	ug/l #	27
31) Cyclohexane	5.556	56	1752	1.49	ug/l #	60
36) 1,1-Dichloropropene	5.562	75	6166	5.22	ug/l #	47
38) Carbon Tetrachloride	5.562	117	6825	5.90	ug/l #	16
43) Isopropyl Acetate	6.354	43	4906	2.07	ug/l #	82
48) Methyl methacrylate	7.604	41	2885	2.64	ug/l #	17
51) 4-Methyl-2-Pentanone	8.555	43	26316	18.54	ug/l #	47
54) cis-1,3-Dichloropropene	8.555	75	11733	7.51	ug/l #	60
57) 1,3-Dichloropropane	9.482	76	2096	1.31	ug/l #	42
59) 2-Hexanone	9.378	43	4323	4.05	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	29877	27.20	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	29877	64.44	ug/l #	12

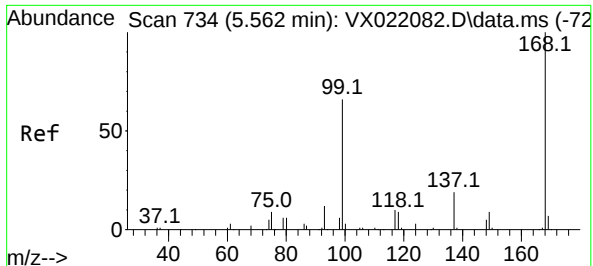
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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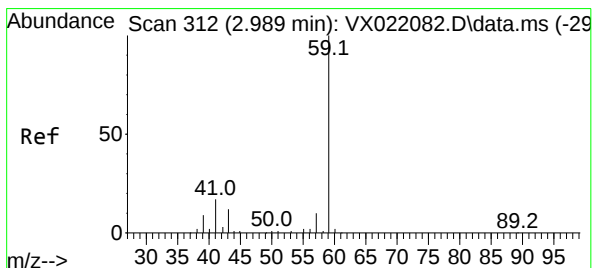
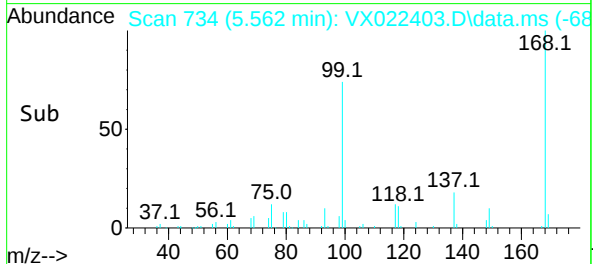
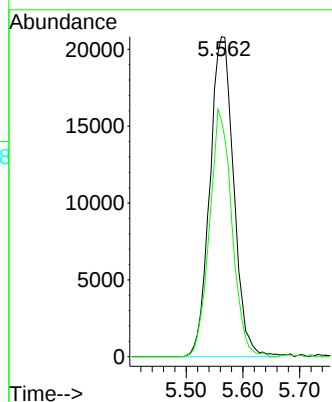
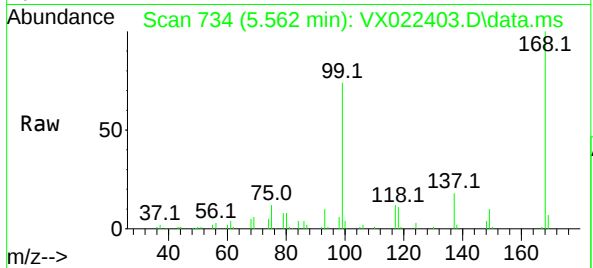




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

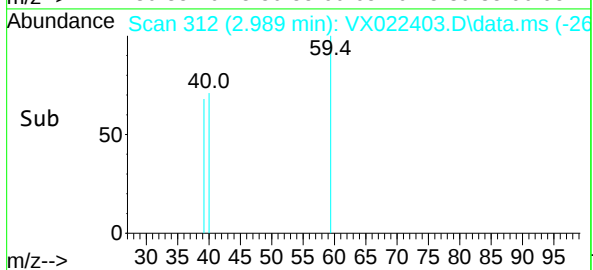
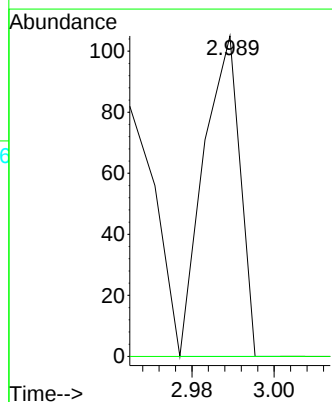
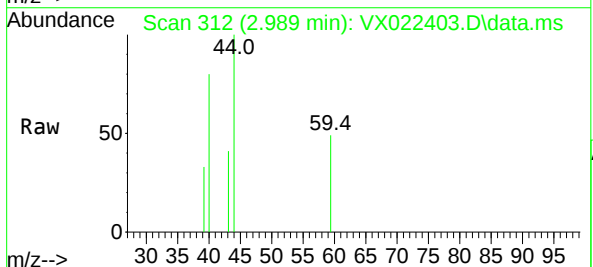
Instrument :
MSVOA_X
ClientSampleId :
18-B1(0-2)

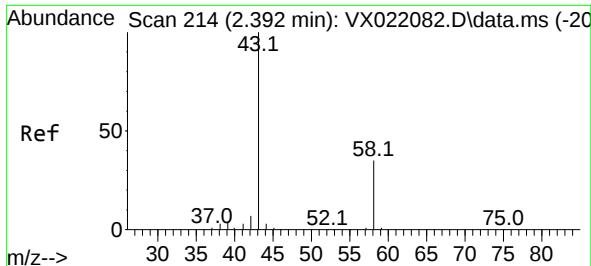
Tgt Ion:168 Resp: 60721
Ion Ratio Lower Upper
168 100
99 73.8 45.8 68.6#



#11
Tert butyl alcohol
Concen: 0.30 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.000 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

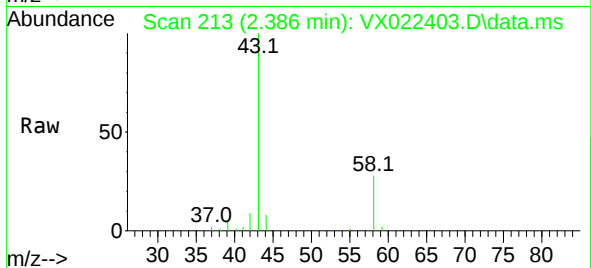
Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



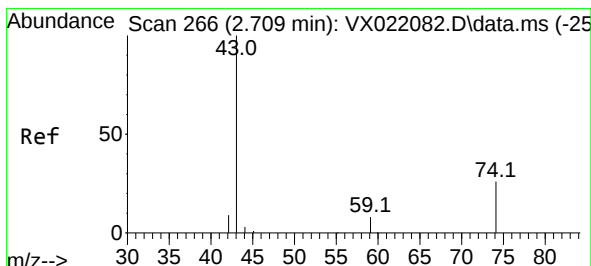
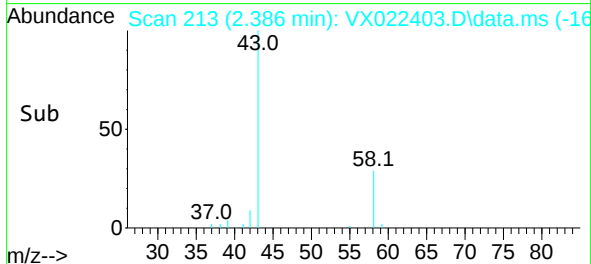
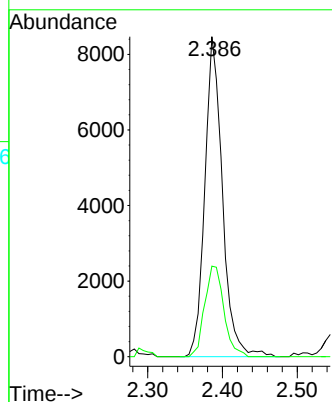


#16
Acetone
Concen: 34.01 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Instrument :
MSVOA_X
ClientSampleId :
18-B1(0-2)

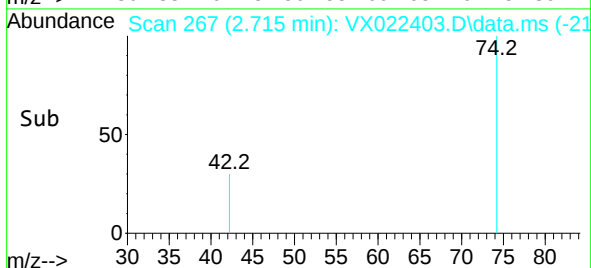
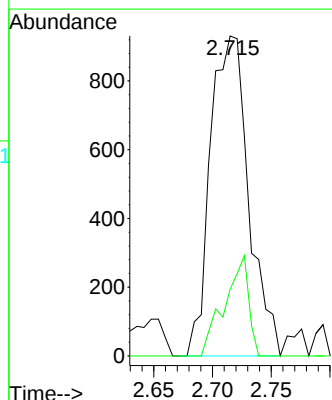
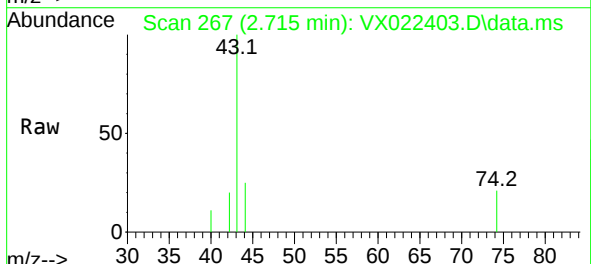


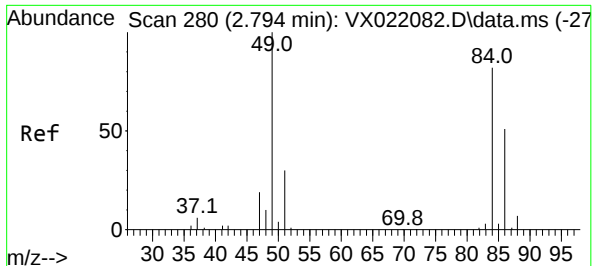
Tgt Ion: 43 Resp: 13869
Ion Ratio Lower Upper
43 100
58 28.3 27.8 41.8



#18
Methyl Acetate
Concen: 1.95 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Tgt Ion: 43 Resp: 2110
Ion Ratio Lower Upper
43 100
74 19.6 21.9 32.9#





#20

Methylene Chloride

Concen: 3.95 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022403.D

Acq: 04 Jun 2021 06:07

Tgt Ion: 84 Resp: 3579

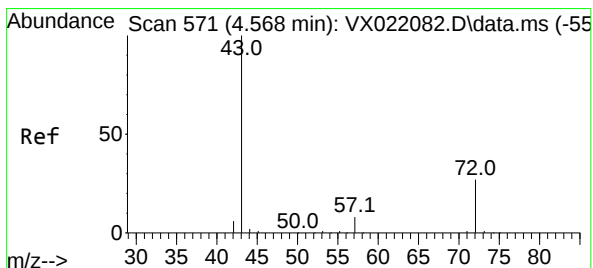
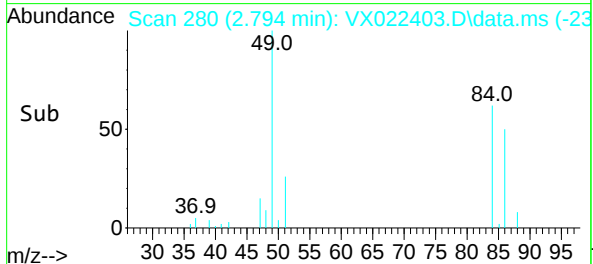
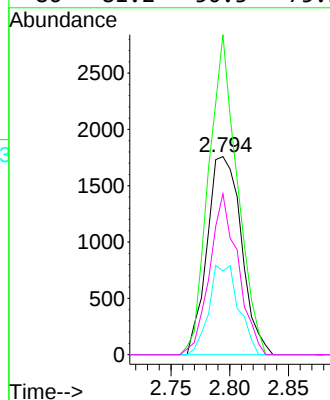
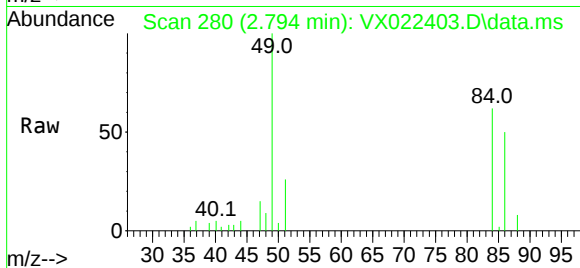
Ion Ratio Lower Upper

84 100

49 161.5 88.6 132.8#

51 42.2 27.0 40.6#

86 81.2 50.3 75.5#



#25

2-Butanone

Concen: 4.98 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX022403.D

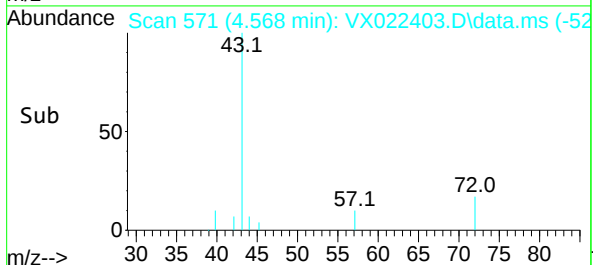
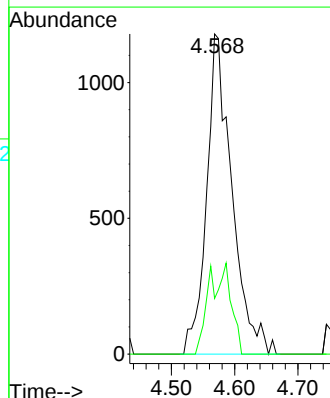
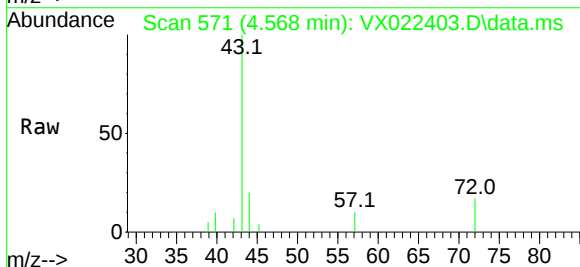
Acq: 04 Jun 2021 06:07

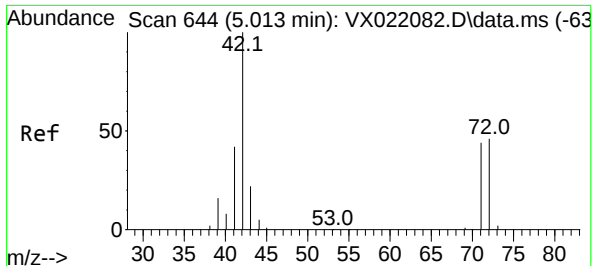
Tgt Ion: 43 Resp: 3285

Ion Ratio Lower Upper

43 100

72 17.4 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.38 ug/l

RT: 5.019 min Scan# 645

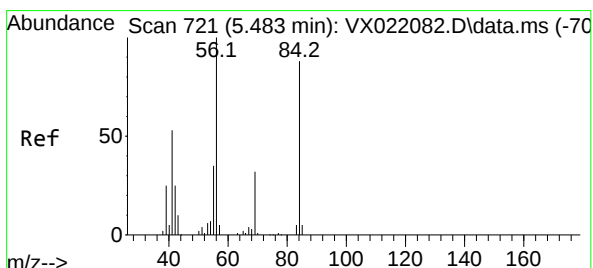
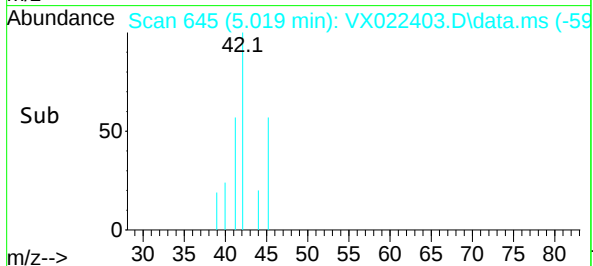
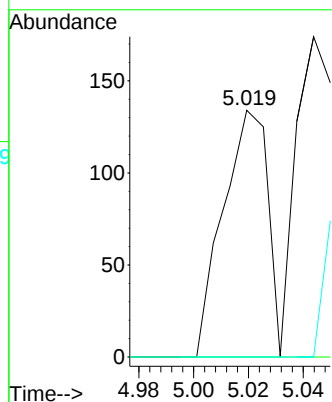
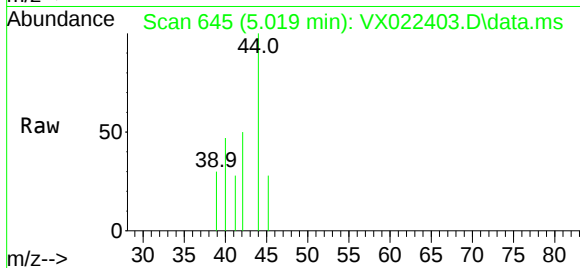
Delta R.T. 0.006 min

Lab File: VX022403.D

Acq: 04 Jun 2021 06:07

Tgt Ion: 42	Resp: 151
Ion Ratio	Lower Upper
42 100	
72 0.0	41.7 62.5#
71 0.0	38.4 57.6#

Instrument :
MSVOA_X
ClientSampled :
18-B1(0-2)



#31

Cyclohexane

Concen: 1.49 ug/l

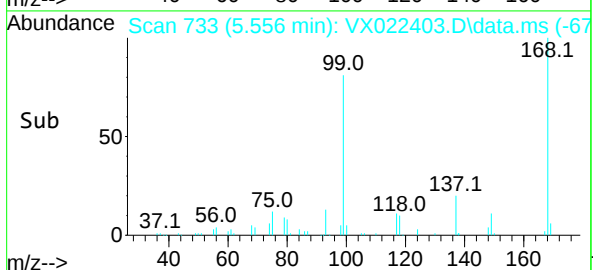
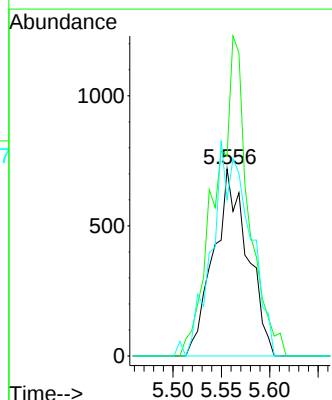
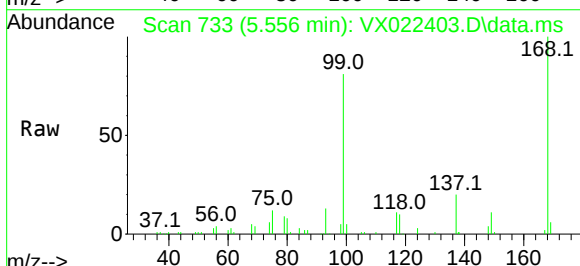
RT: 5.556 min Scan# 733

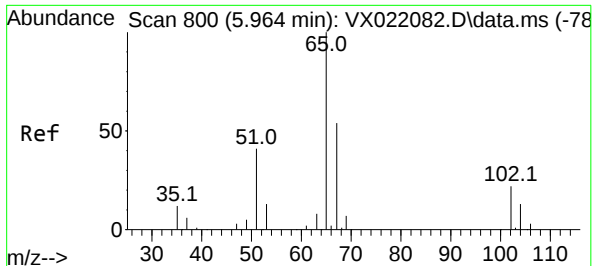
Delta R.T. 0.073 min

Lab File: VX022403.D

Acq: 04 Jun 2021 06:07

Tgt Ion: 56	Resp: 1752
Ion Ratio	Lower Upper
56 100	
69 107.2	25.3 37.9#
84 83.7	71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 56.71 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022403.D

Acq: 04 Jun 2021 06:07

Tgt Ion: 65 Resp: 53115

Ion Ratio Lower Upper

65 100

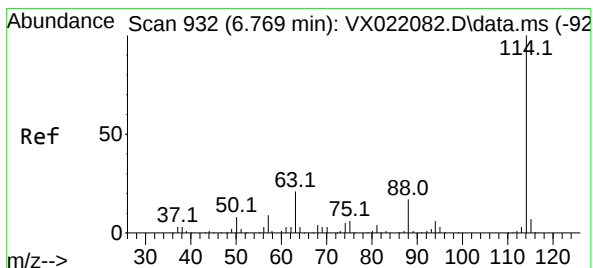
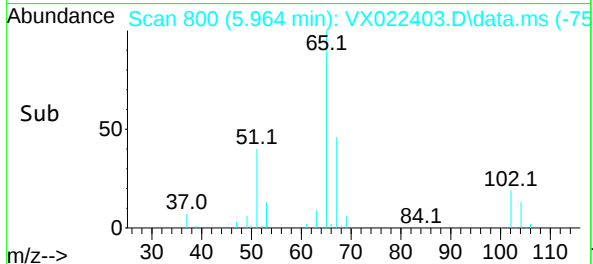
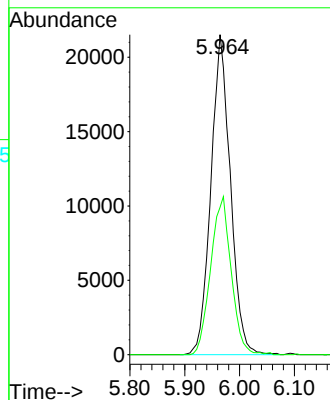
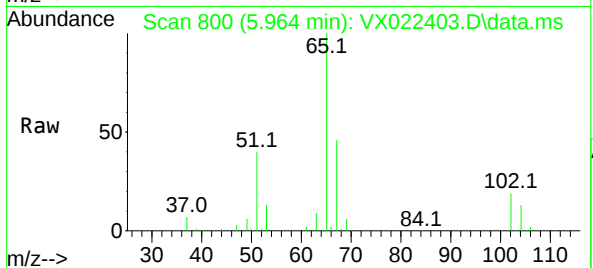
67 52.0 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

18-B1(0-2)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022403.D

Acq: 04 Jun 2021 06:07

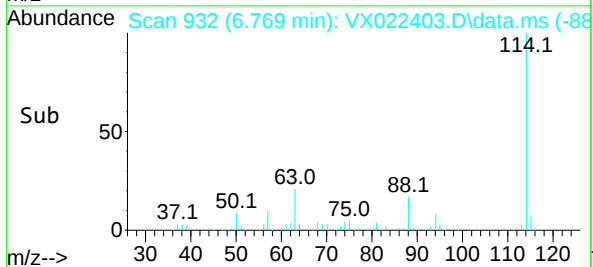
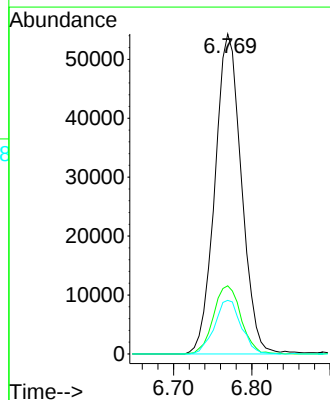
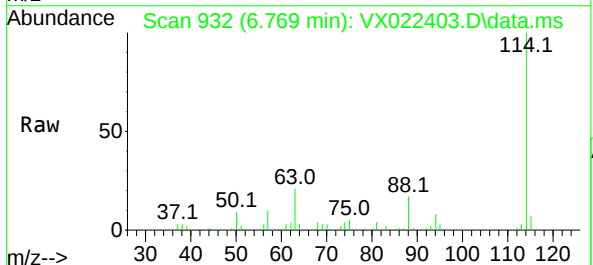
Tgt Ion: 114 Resp: 127784

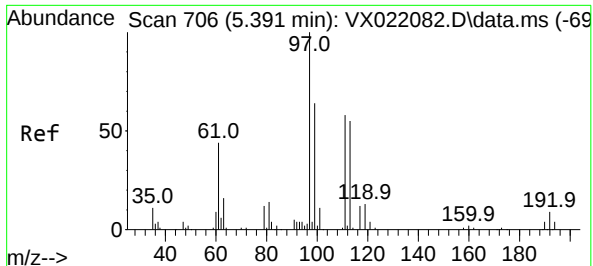
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

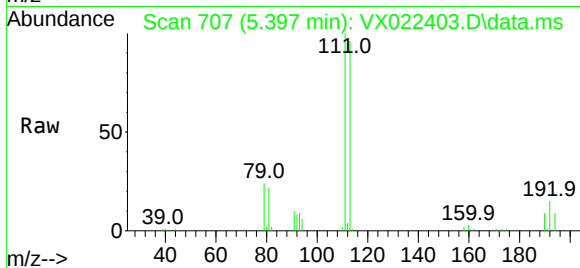
88 16.8 0.0 32.8



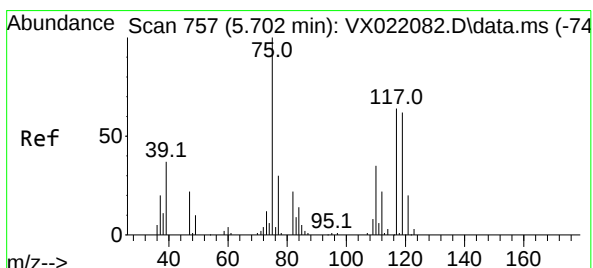
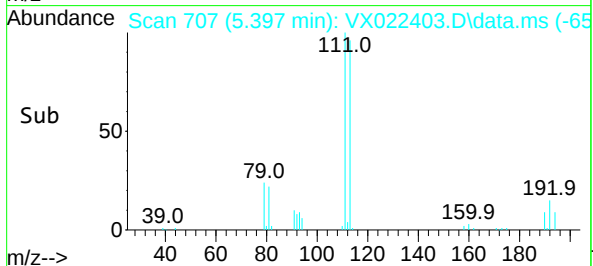
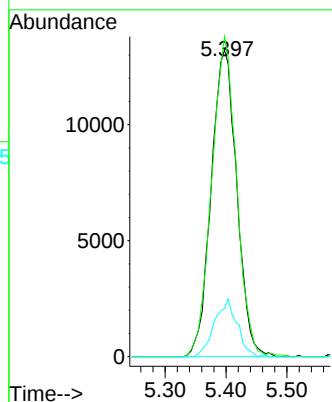


#35
Dibromofluoromethane
Concen: 47.61 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Instrument :
MSVOA_X
ClientSampleId :
18-B1(0-2)

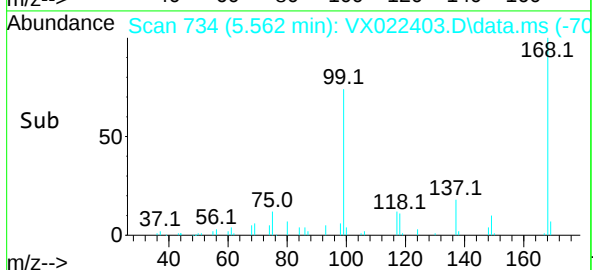
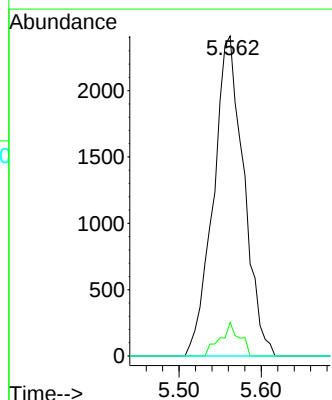
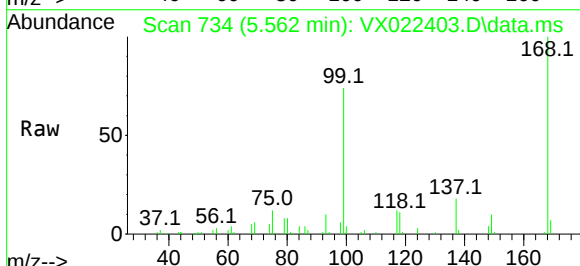


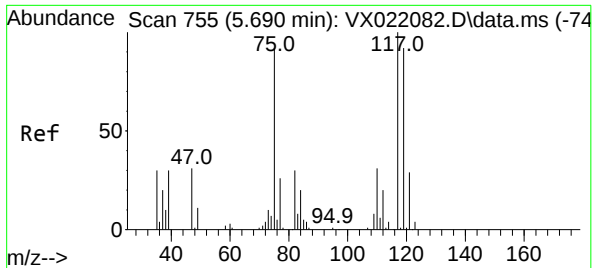
Tgt Ion:113 Resp: 38582
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 16.7 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.22 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

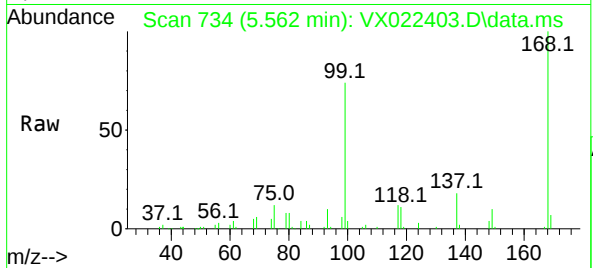
Tgt Ion: 75 Resp: 6166
Ion Ratio Lower Upper
75 100
110 6.7 18.1 54.4#
77 0.0 25.3 37.9#



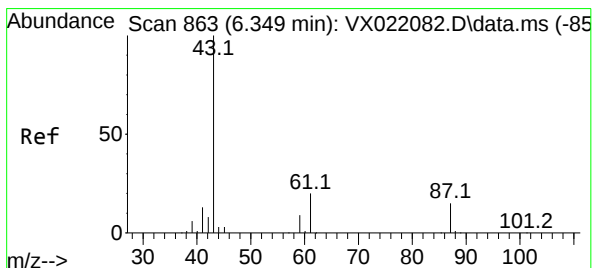
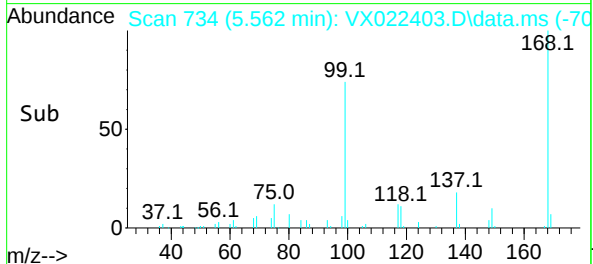
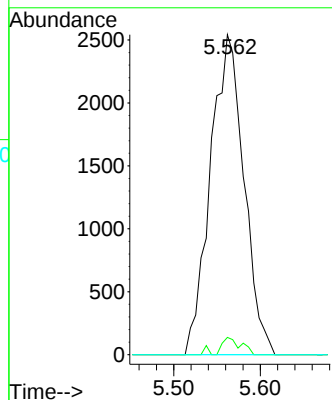


#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Instrument :
MSVOA_X
ClientSampleId :
18-B1(0-2)

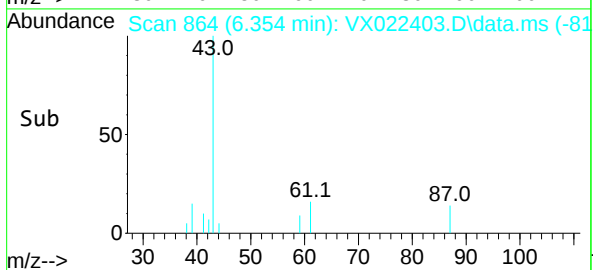
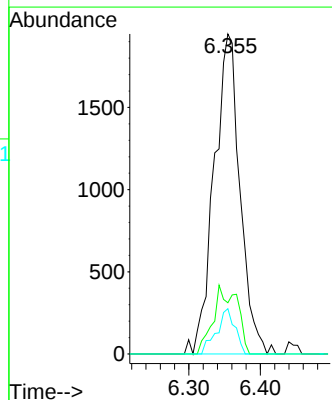
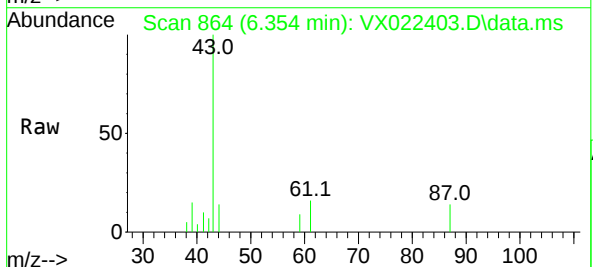


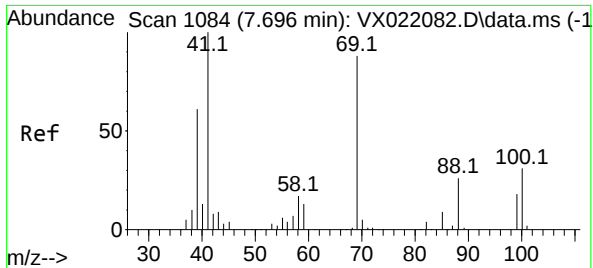
Tgt Ion:117 Resp: 6825
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 2.07 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Tgt Ion: 43 Resp: 4906
Ion Ratio Lower Upper
43 100
61 12.1 18.2 27.4#
87 10.0 12.5 18.7#

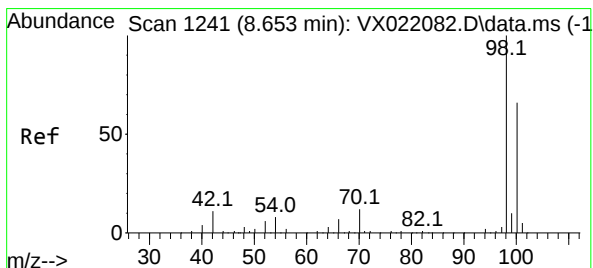
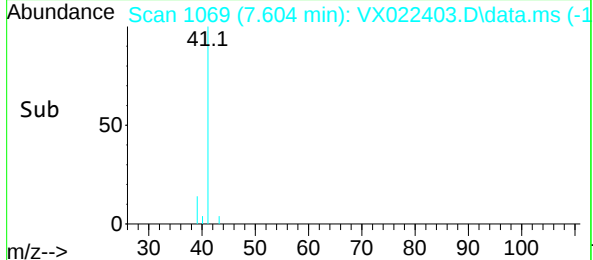
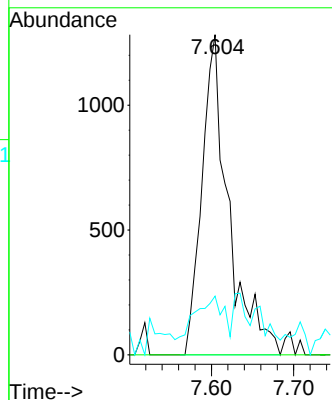
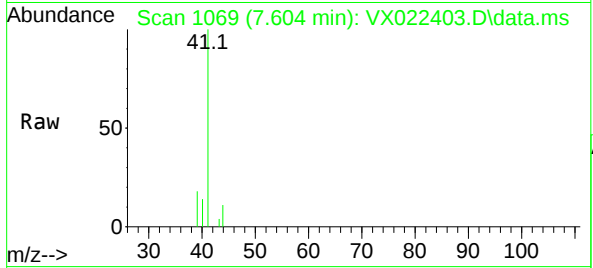




#48
Methyl methacrylate
Concen: 2.64 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

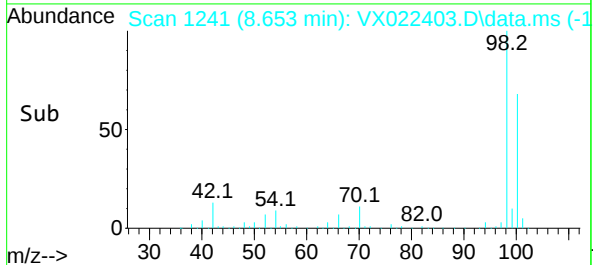
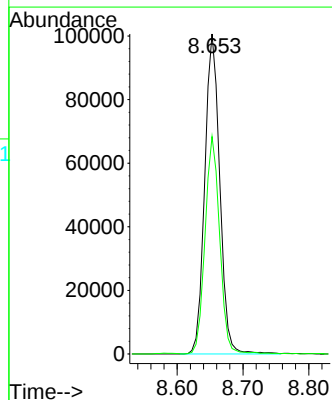
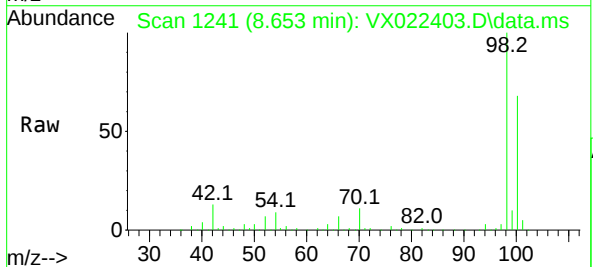
Instrument :
MSVOA_X
ClientSampleId :
18-B1(0-2)

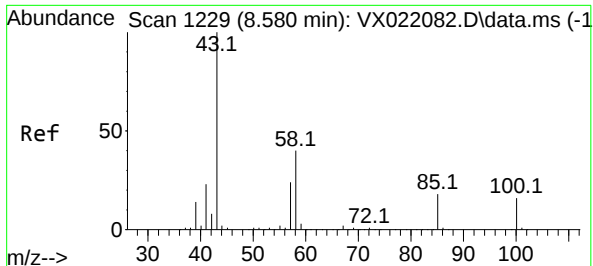
Tgt Ion: 41 Resp: 2885
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 13.3 44.6 67.0#



#50
Toluene-d8
Concen: 51.20 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Tgt Ion: 98 Resp: 159830
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9

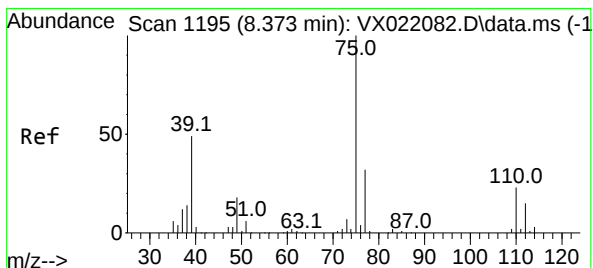
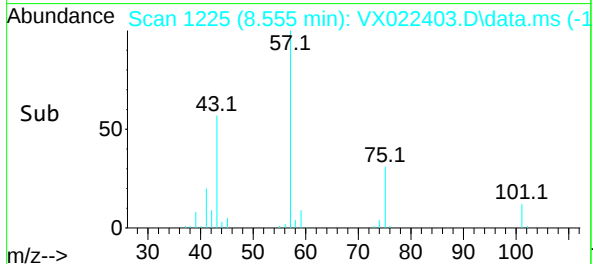
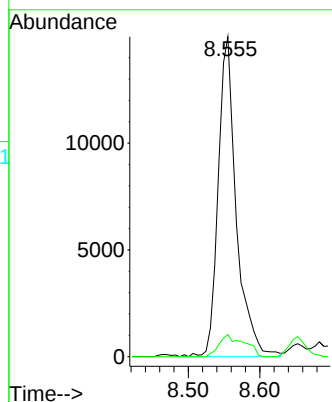
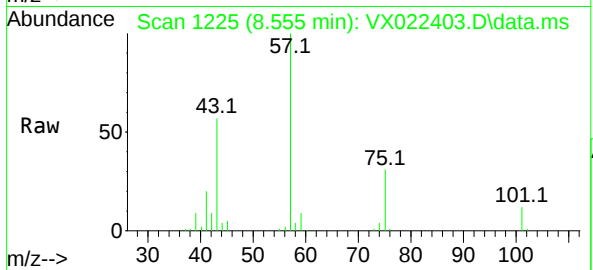




#51
4-Methyl-2-Pentanone
Concen: 18.54 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

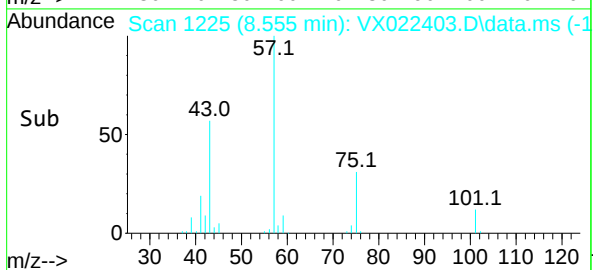
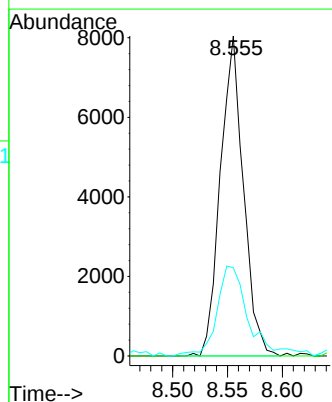
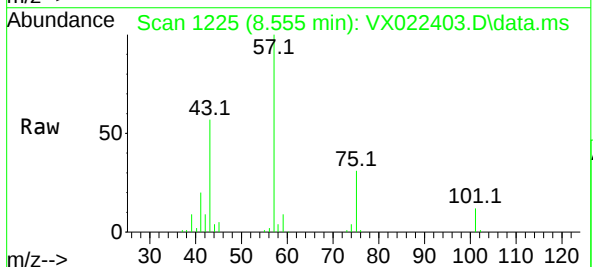
Instrument :
MSVOA_X
ClientSampled :
18-B1(0-2)

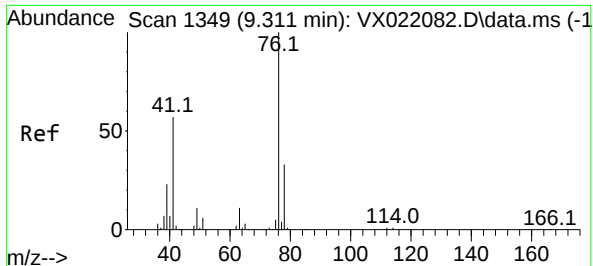
Tgt Ion: 43 Resp: 26316
Ion Ratio Lower Upper
43 100
58 9.6 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 7.51 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Tgt Ion: 75 Resp: 11733
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 26.8 35.1 52.7#



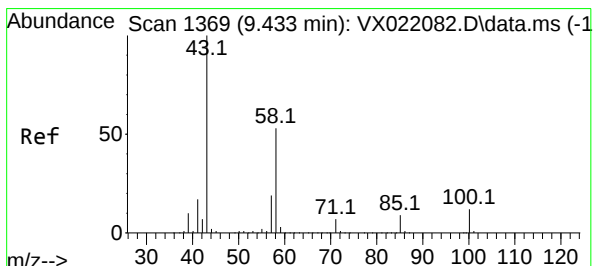
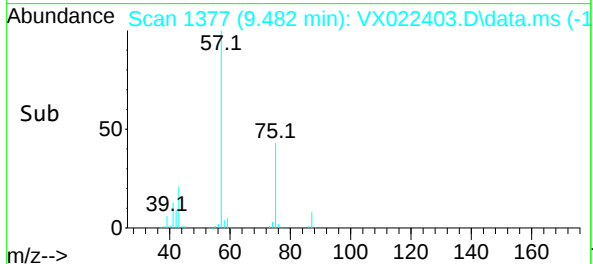
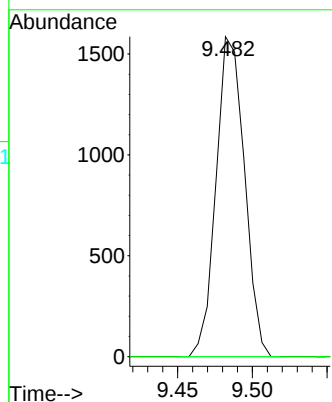
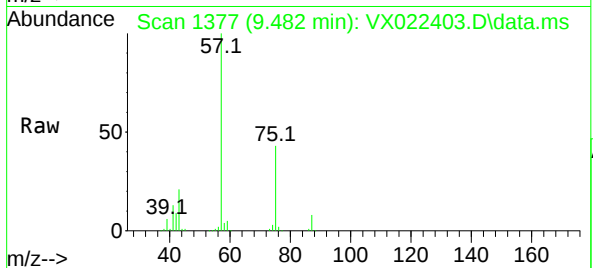


#57

1,3-Dichloropropane
Concen: 1.31 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Instrument :
MSVOA_X
ClientSampled :
18-B1(0-2)

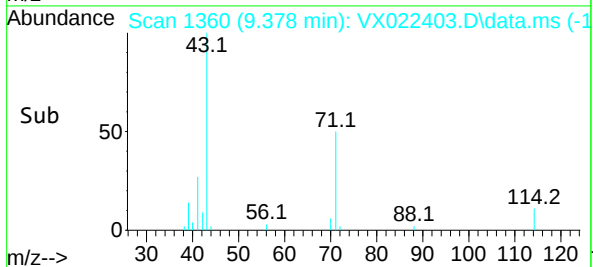
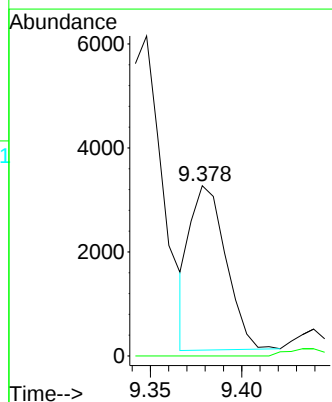
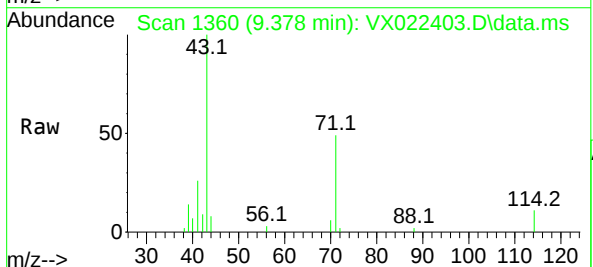
Tgt Ion: 76 Resp: 2096
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

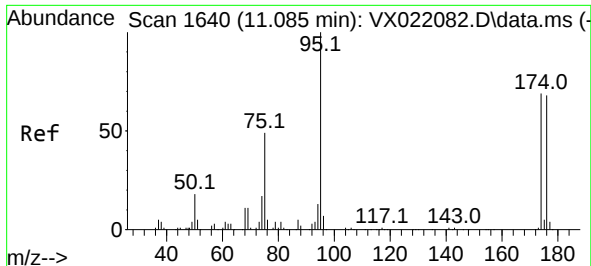


#59

2-Hexanone
Concen: 4.05 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Tgt Ion: 43 Resp: 4323
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

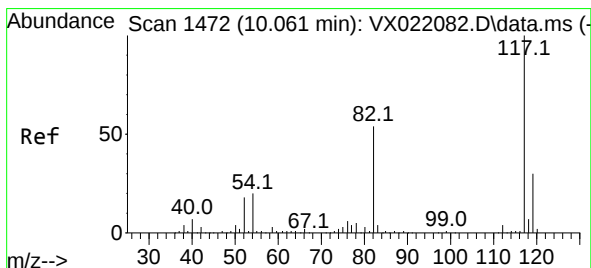
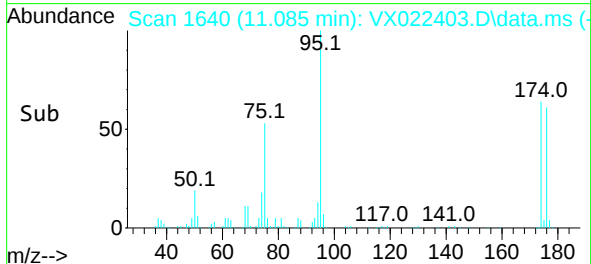
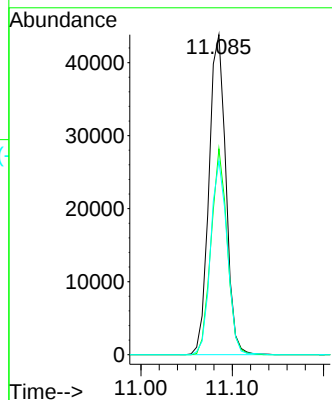
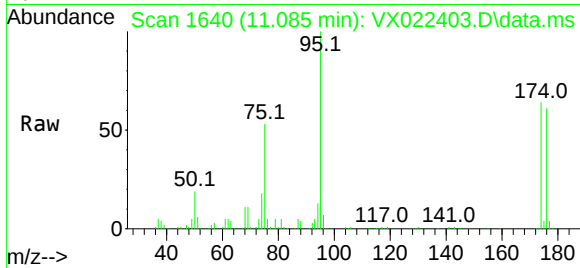




#62
4-Bromofluorobenzene
Concen: 48.63 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

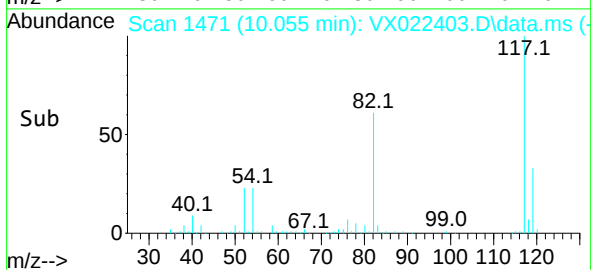
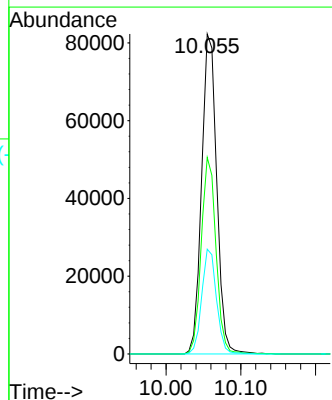
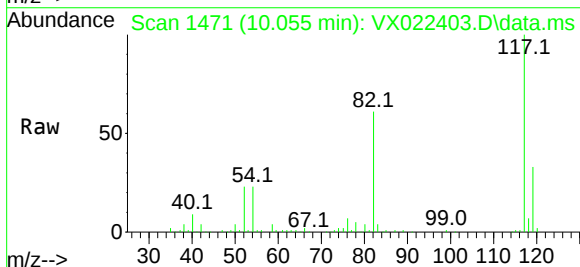
Instrument :
MSVOA_X
ClientSampleId :
18-B1(0-2)

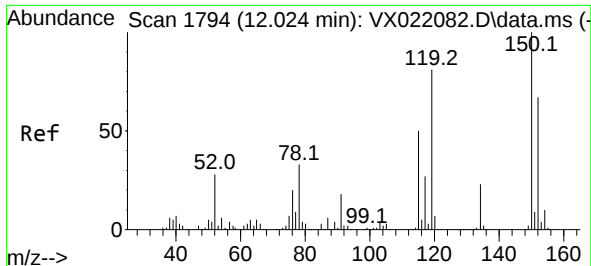
Tgt Ion: 95 Resp: 56113
Ion Ratio Lower Upper
95 100
174 61.3 0.0 154.6
176 59.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022403.D
Acq: 04 Jun 2021 06:07

Tgt Ion: 117 Resp: 115694
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 32.7 26.6 39.8

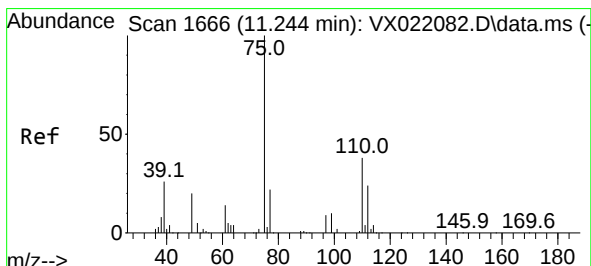
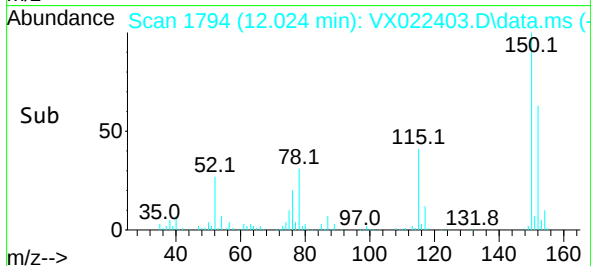
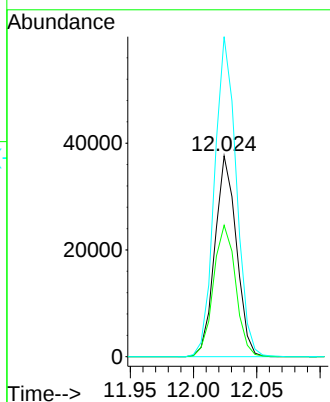
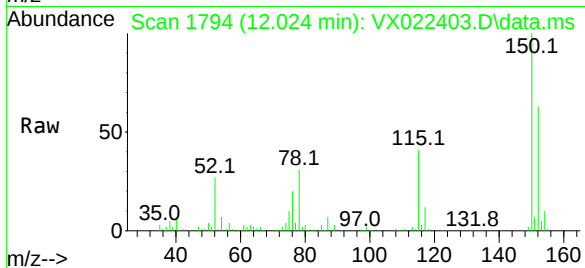




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022403.D
 Acq: 04 Jun 2021 06:07

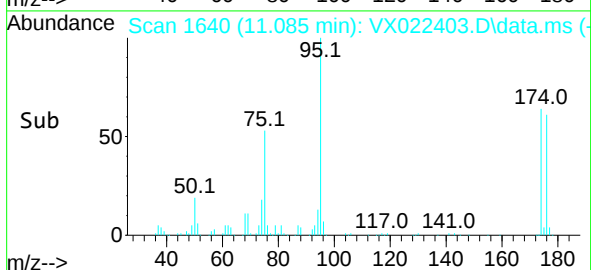
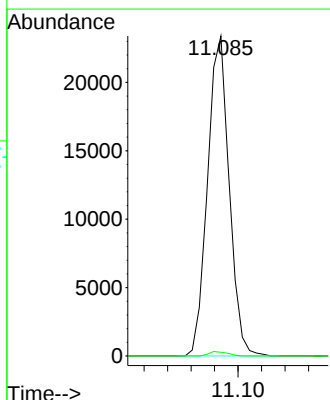
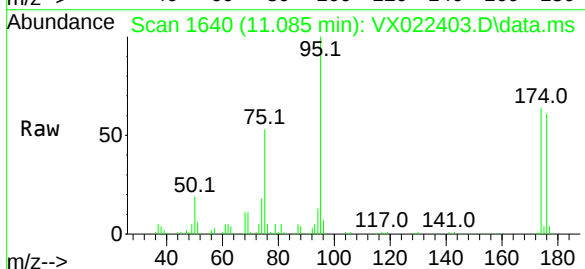
Instrument :
 MSVOA_X
 ClientSampled :
 18-B1(0-2)

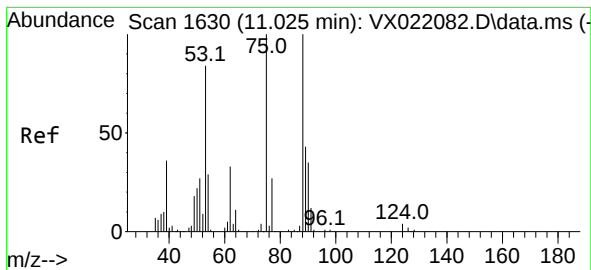
Tgt Ion:152 Resp: 44531
 Ion Ratio Lower Upper
 152 100
 115 67.5 41.1 123.3
 150 160.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.20 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022403.D
 Acq: 04 Jun 2021 06:07

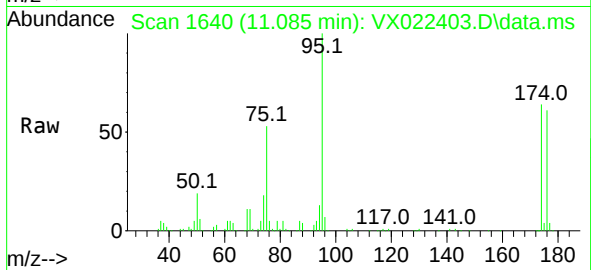
Tgt Ion: 75 Resp: 29877
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.44 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022403.D
 Acq: 04 Jun 2021 06:07

Instrument :
 MSVOA_X
 ClientSampleId :
 18-B1(0-2)



Tgt Ion: 75 Resp: 29877
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

