

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022453.D
 Acq On : 05 Jun 2021 07:31
 Operator : JC/MD
 Sample : PB136806ZHE#20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:52:28 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

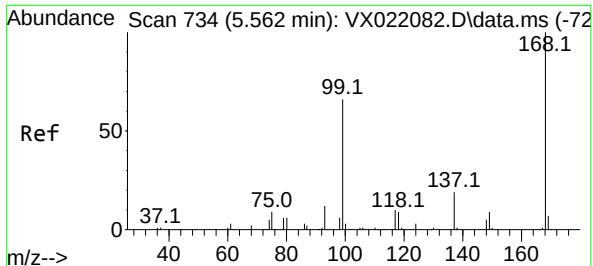
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	65274	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	134938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54392	54.019	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.040%
35) Dibromofluoromethane	5.397	113	40751	47.622	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.240%
50) Toluene-d8	8.653	98	167401	50.784	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.560%
62) 4-Bromofluorobenzene	11.085	95	58689	48.170	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	1569	6.813	ug/l	# 73
16) Acetone	2.386	43	11566	26.380	ug/l	93
18) Methyl Acetate	2.709	43	1426	1.223	ug/l	# 68
20) Methylene Chloride	2.794	84	3089	3.173	ug/l	88
25) 2-Butanone	4.580	43	3156	4.449	ug/l	# 56
31) Cyclohexane	5.556	56	1884	1.489	ug/l	# 43
36) 1,1-Dichloropropene	5.562	75	6511	5.218	ug/l	# 46
38) Carbon Tetrachloride	5.562	117	7732	6.335	ug/l	# 15
43) Isopropyl Acetate	6.355	43	11268	4.504	ug/l	# 93
48) Methyl methacrylate	7.598	41	3464	3.004	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	41666	27.802	ug/l	# 46
54) cis-1,3-Dichloropropene	8.555	75	18870	11.437	ug/l	# 64
56) Ethyl methacrylate	9.342	69	352	0.221	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10934	6.489	ug/l	# 42
59) 2-Hexanone	9.488	43	146814	130.253	ug/l	# 44
76) 1,2,3-Trichloropropane	11.085	75	31157	26.797	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	872	0.264	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	31157	63.493	ug/l	# 12

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

Quant Time: Jun 05 07:52:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration

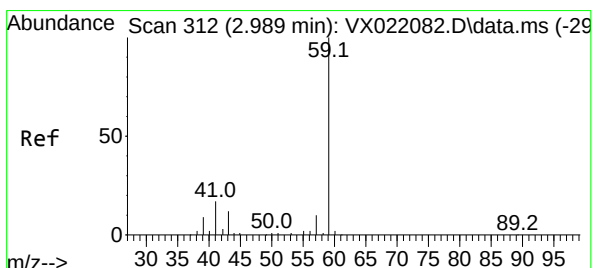
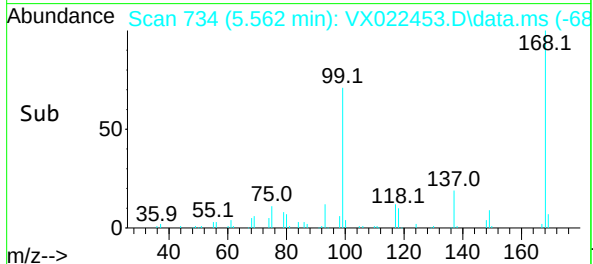
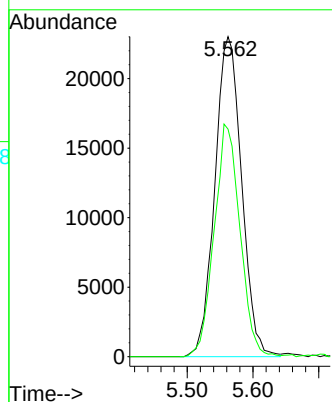
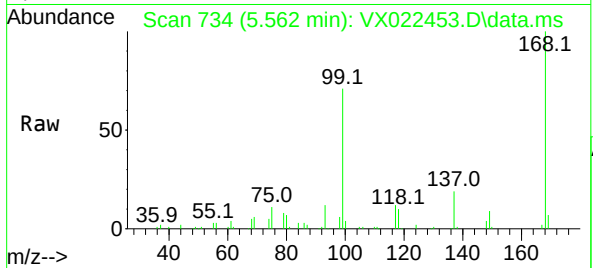




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

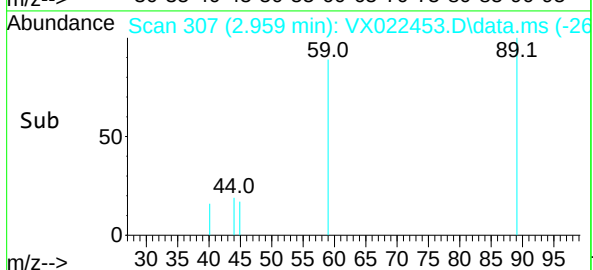
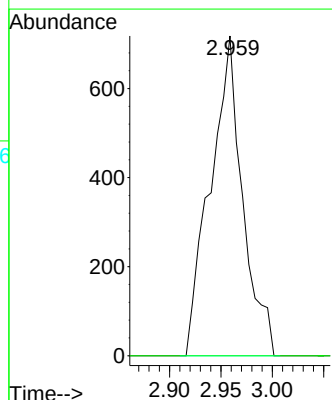
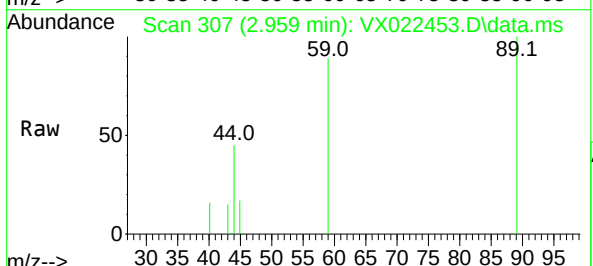
Instrument :
MSVOA_X
ClientSampled :

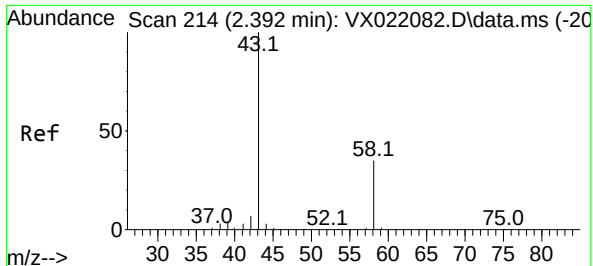
Tgt Ion:168 Resp: 65274
Ion Ratio Lower Upper
168 100
99 71.1 45.8 68.6#



#11
Tert butyl alcohol
Concen: 6.813 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

Tgt Ion: 59 Resp: 1569
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

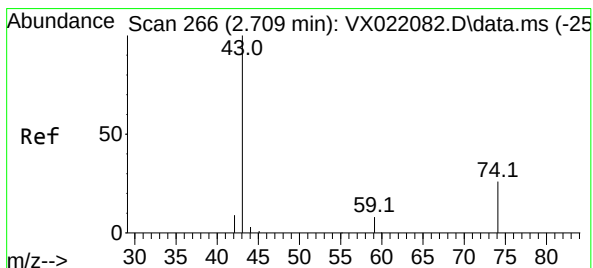
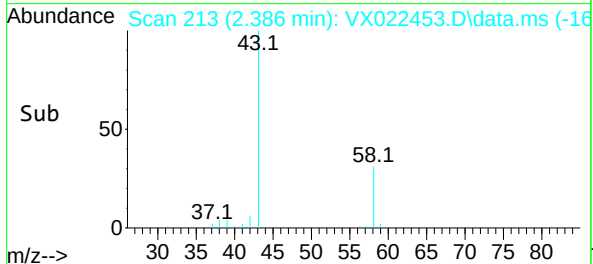
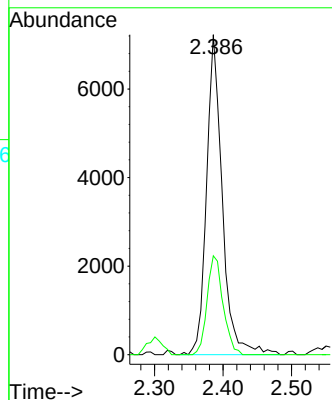
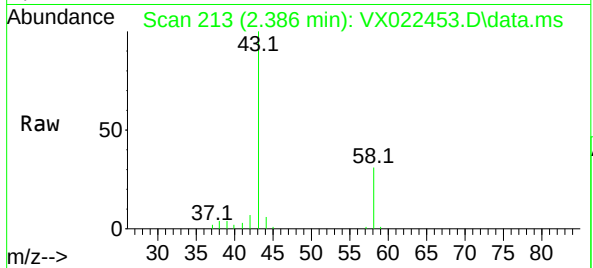




#16
Acetone
Concen: 26.380 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

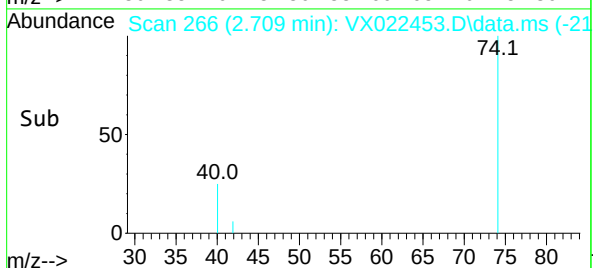
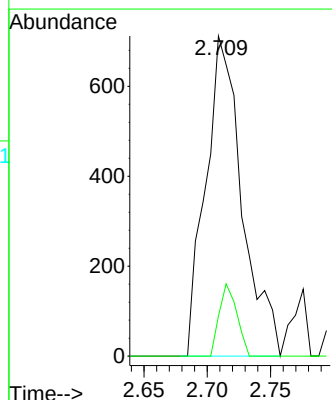
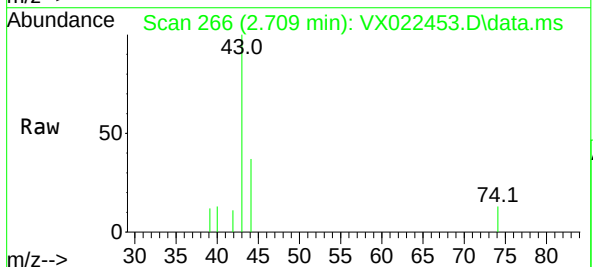
Instrument :
MSVOA_X
ClientSampled :

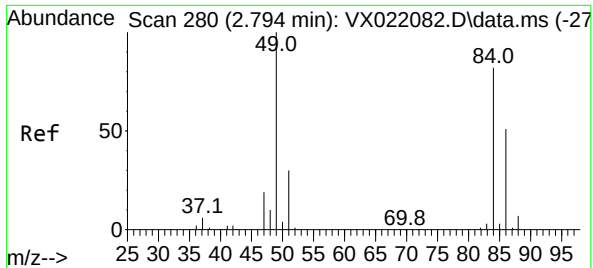
Tgt Ion: 43 Resp: 11566
Ion Ratio Lower Upper
43 100
58 30.9 27.8 41.8



#18
Methyl Acetate
Concen: 1.223 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

Tgt Ion: 43 Resp: 1426
Ion Ratio Lower Upper
43 100
74 10.9 21.9 32.9#

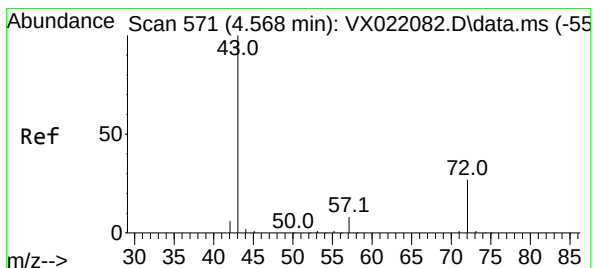
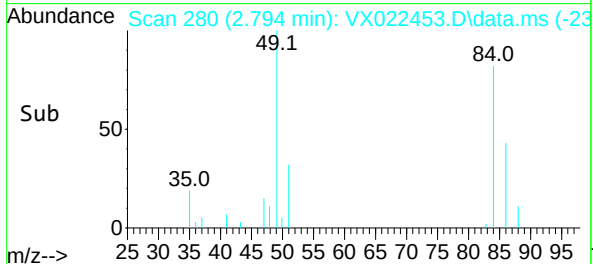
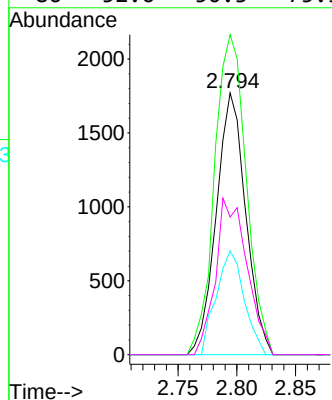
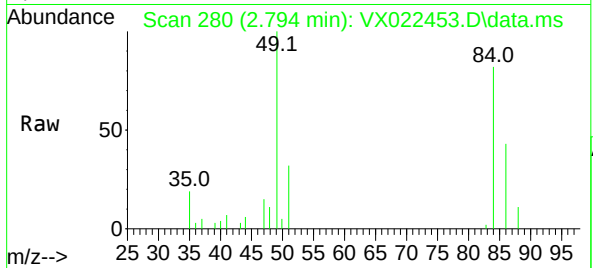




#20
Methylene Chloride
Concen: 3.173 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

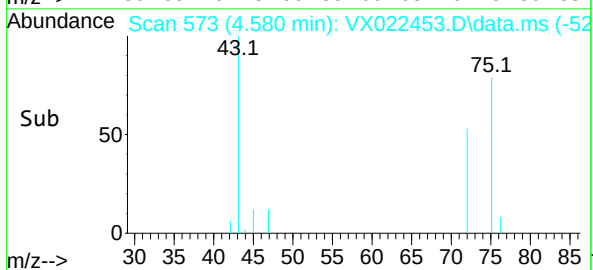
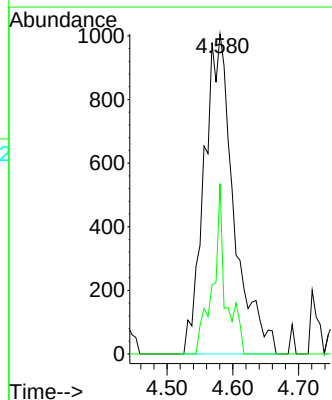
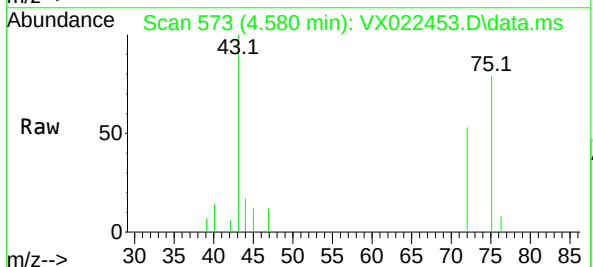
Instrument :
MSVOA_X
ClientSampleId :

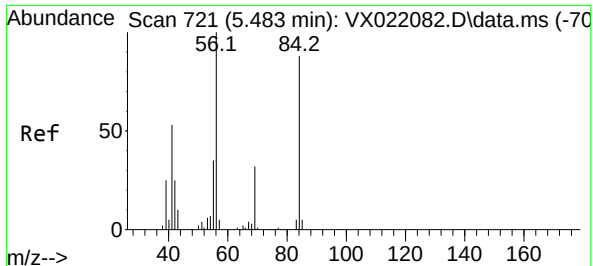
Tgt Ion: 84	Resp: 3089
Ion Ratio	Lower Upper
84 100	
49 122.2	88.6 132.8
51 39.7	27.0 40.6
86 52.6	50.3 75.5



#25
2-Butanone
Concen: 4.449 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

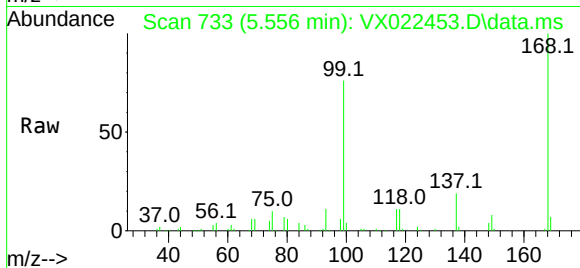
Tgt Ion: 43	Resp: 3156
Ion Ratio	Lower Upper
43 100	
72 53.3	23.7 35.5#



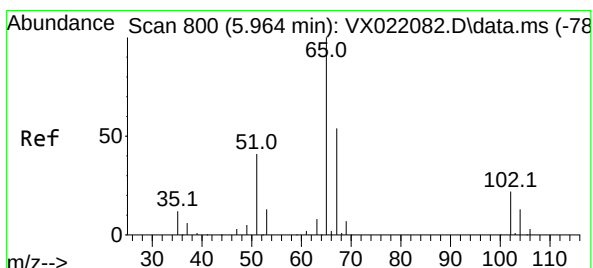
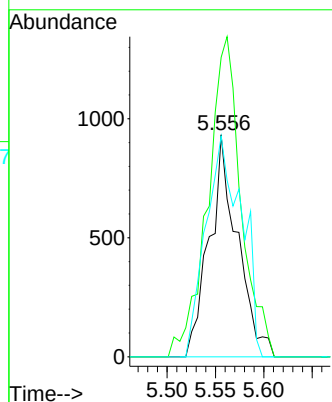
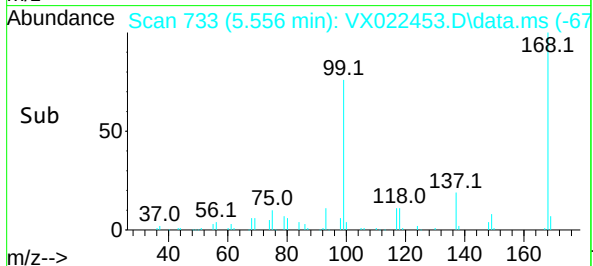


#31
Cyclohexane
Concen: 1.489 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

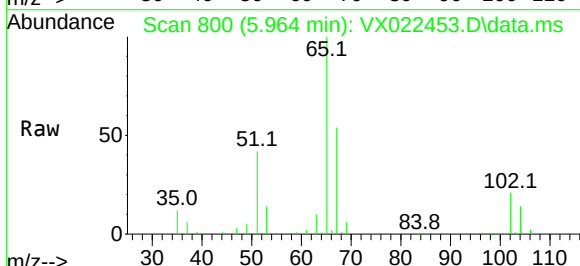
Instrument :
MSVOA_X
ClientSampled :



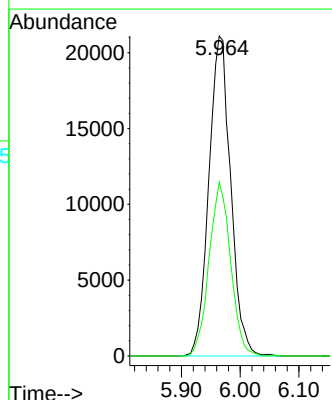
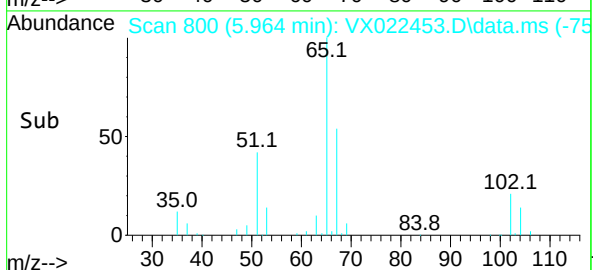
Tgt Ion: 56 Resp: 1884
Ion Ratio Lower Upper
56 100
69 134.8 25.3 37.9#
84 99.4 71.4 107.0

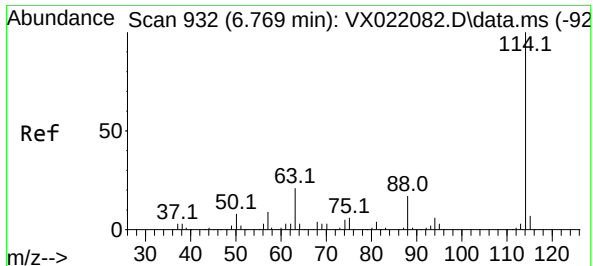


#33
1,2-Dichloroethane-d4
Concen: 54.019 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31



Tgt Ion: 65 Resp: 54392
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

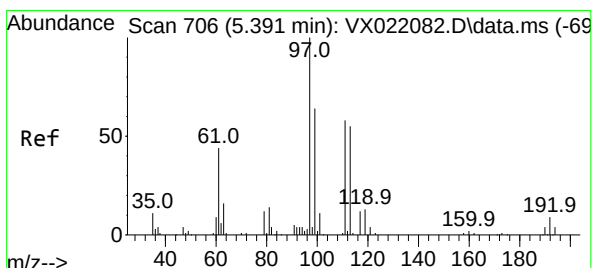
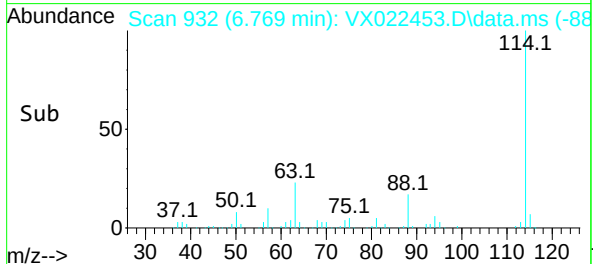
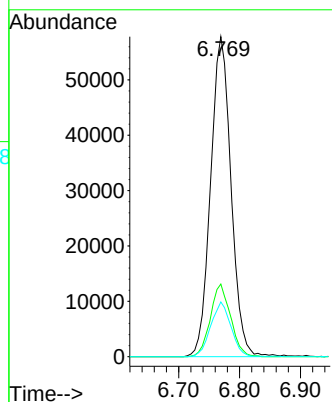
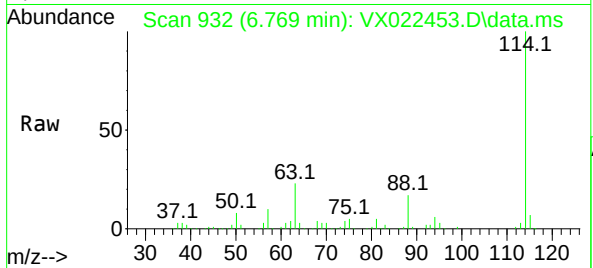




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

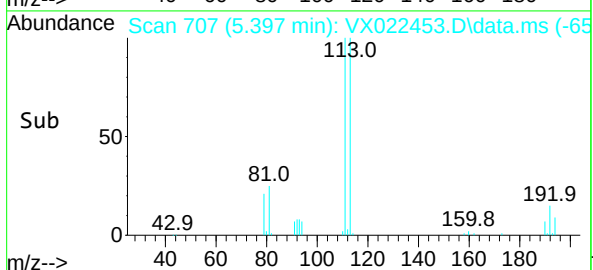
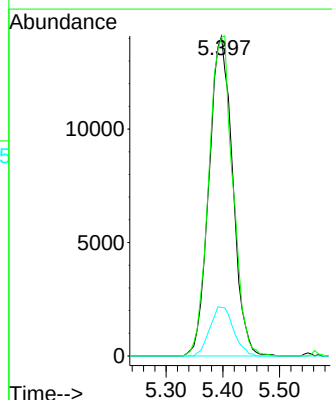
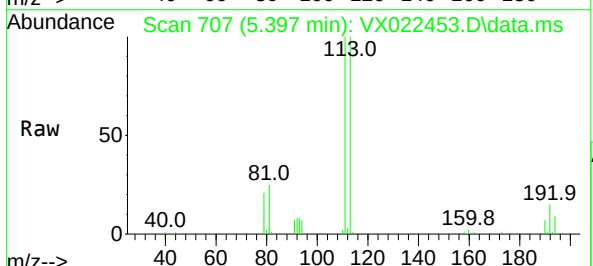
Instrument :
MSVOA_X
ClientSampleId :

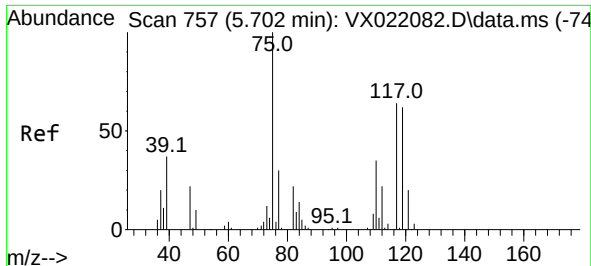
Tgt Ion:114 Resp: 134938
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.622 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

Tgt Ion:113 Resp: 40751
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 15.4 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.218 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

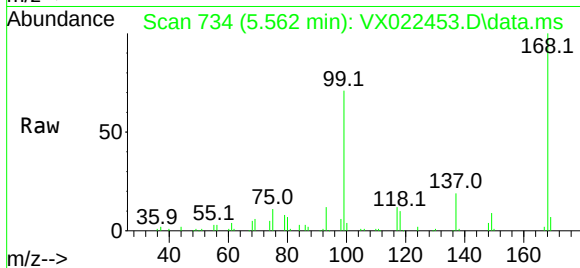
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Acq: 05 Jun 2021 07:31

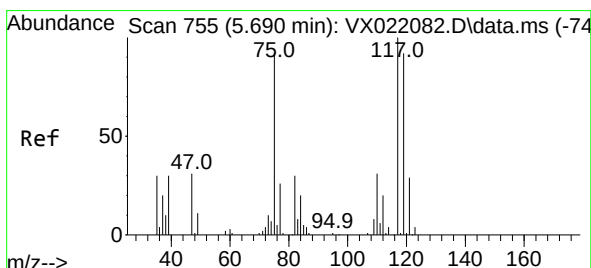
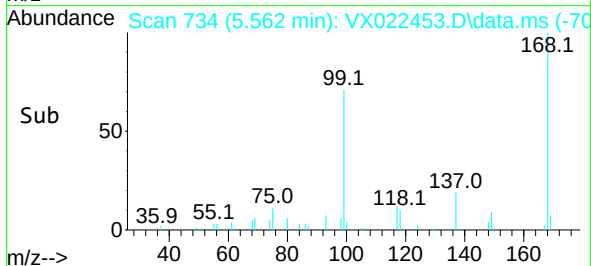
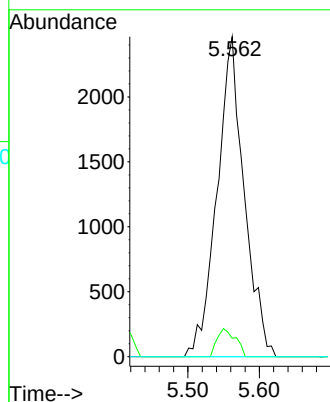
Instrument :

MSVOA_X

ClientSampled :



Tgt Ion: 75	Resp: 6511
Ion Ratio	Lower Upper
75	100
110	5.9 18.1 54.4#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.335 ug/l

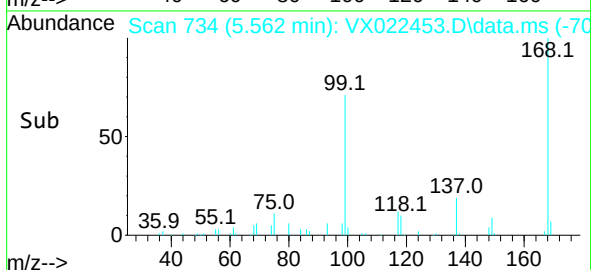
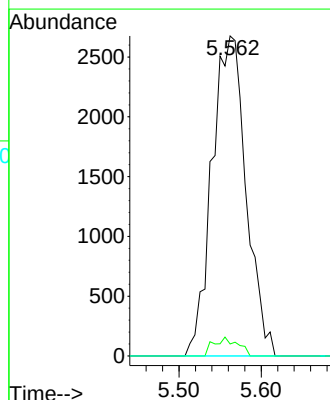
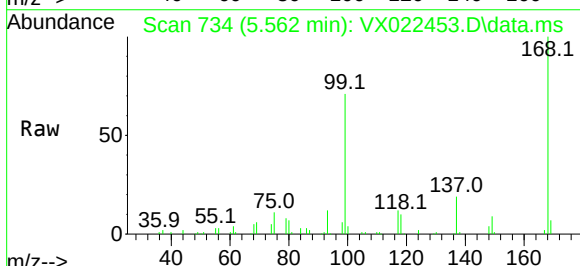
RT: 5.562 min Scan# 734

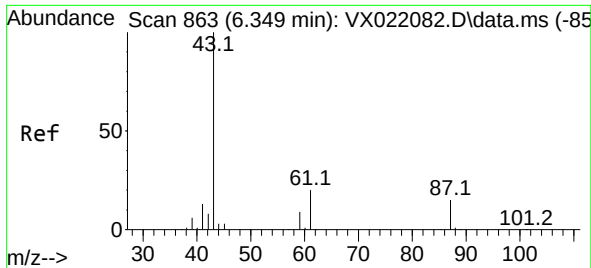
Delta R.T. -0.128 min

Lab File: VX022453.D

Acq: 05 Jun 2021 07:31

Tgt Ion: 117	Resp: 7732
Ion Ratio	Lower Upper
117	100
119	3.7 76.2 114.2#
121	0.0 24.8 37.2#

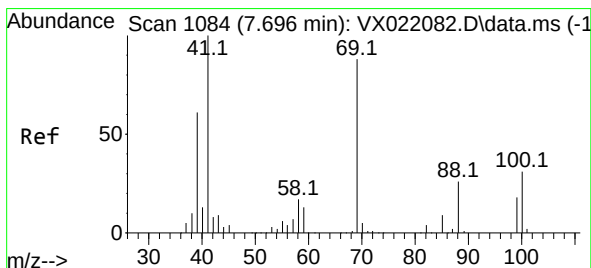
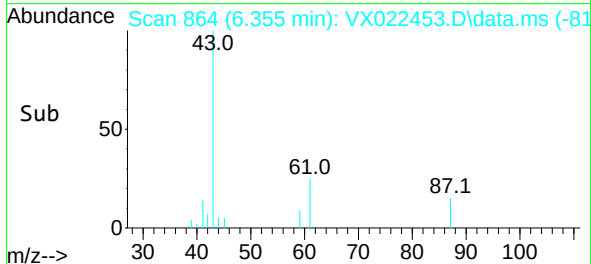
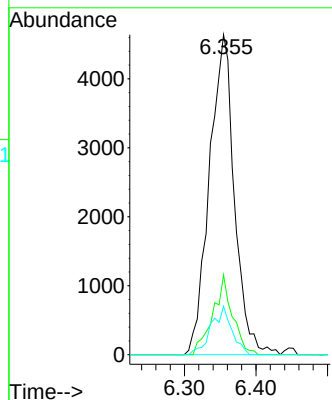
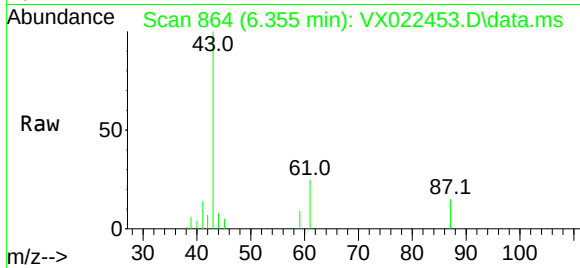




#43
Isopropyl Acetate
Concen: 4.504 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

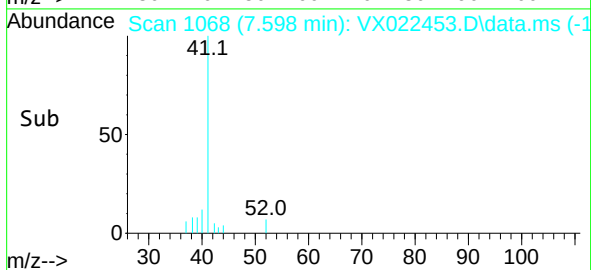
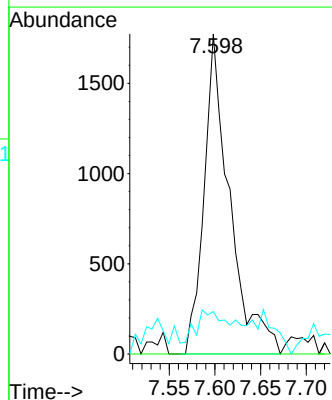
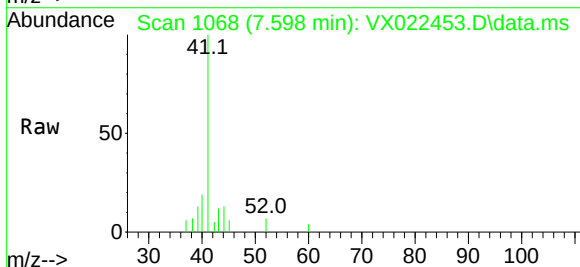
Instrument :
MSVOA_X
ClientSampled :

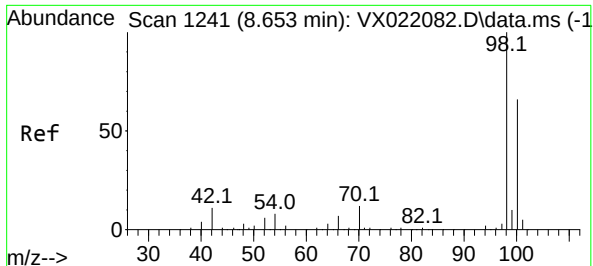
Tgt Ion: 43 Resp: 11268
Ion Ratio Lower Upper
43 100
61 19.6 18.2 27.4
87 12.5 12.5 18.7#



#48
Methyl methacrylate
Concen: 3.004 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

Tgt Ion: 41 Resp: 3464
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#





#50

Toluene-d8

Concen: 50.784 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022453.D

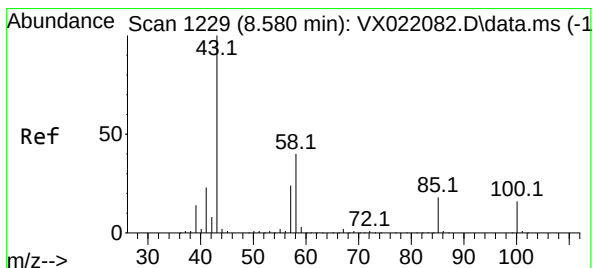
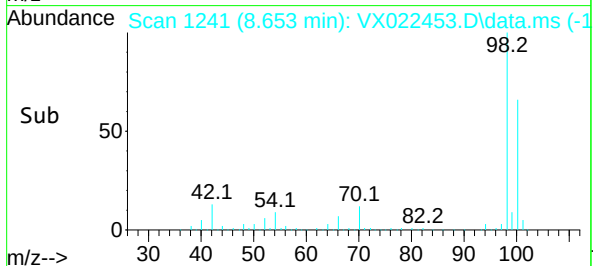
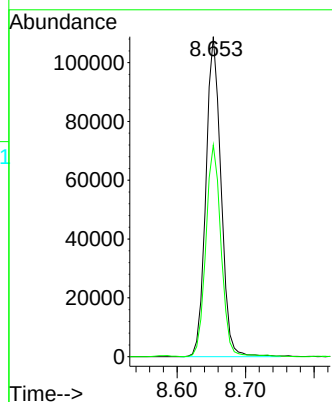
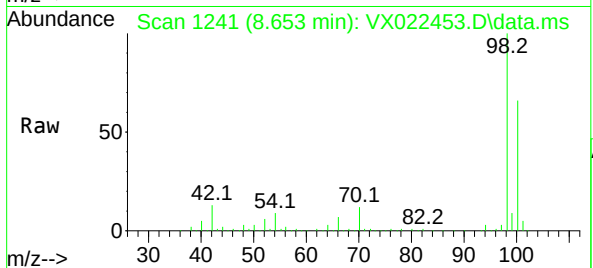
Acq: 05 Jun 2021 07:31

Tgt Ion: 98 Resp: 167401

Ion Ratio Lower Upper

98 100

100 66.7 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 27.802 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.025 min

Lab File: VX022453.D

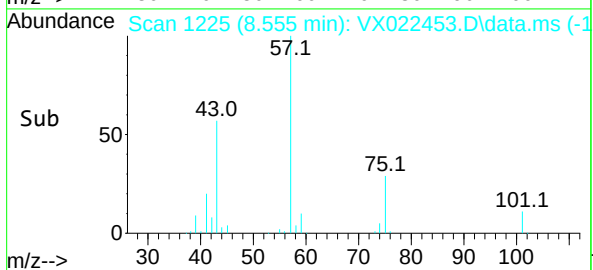
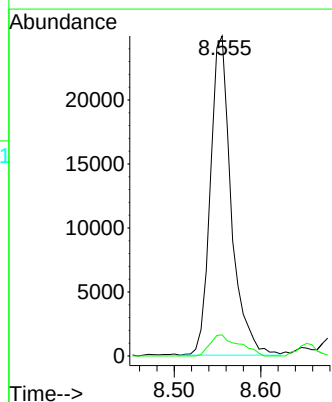
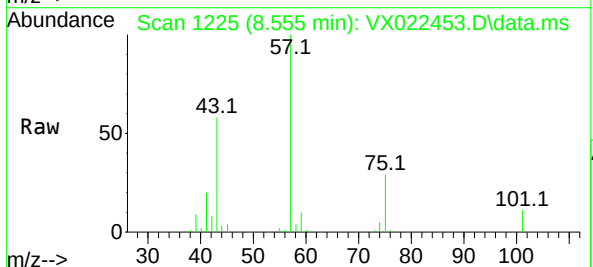
Acq: 05 Jun 2021 07:31

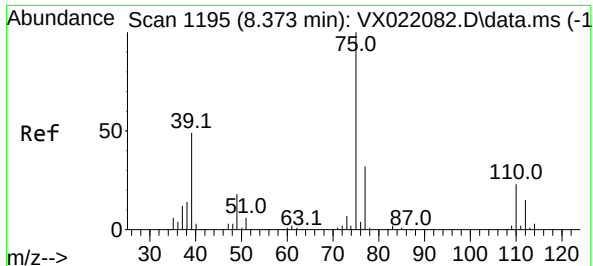
Tgt Ion: 43 Resp: 41666

Ion Ratio Lower Upper

43 100

58 9.2 35.4 53.0#

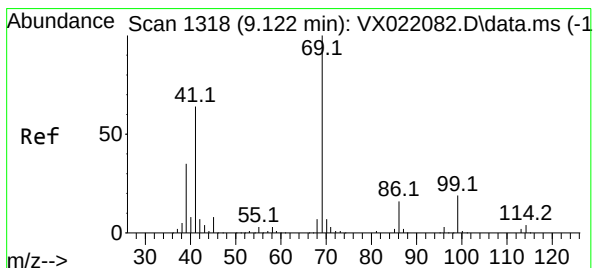
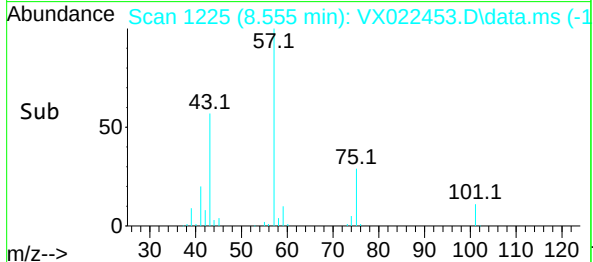
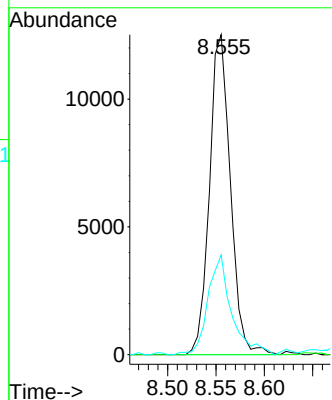
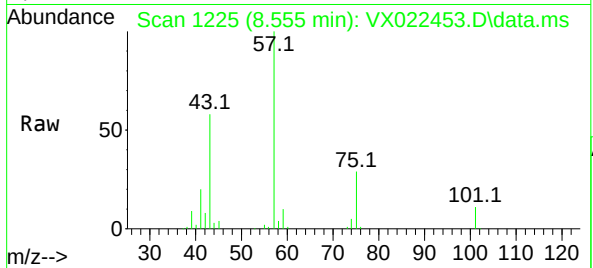




#54
cis-1,3-Dichloropropene
Concen: 11.437 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

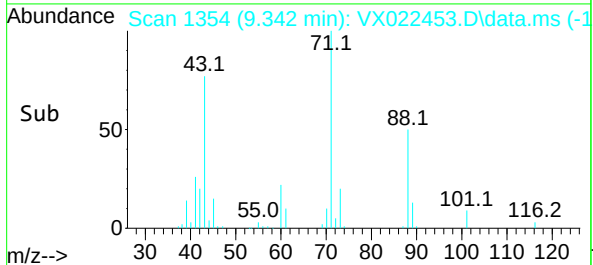
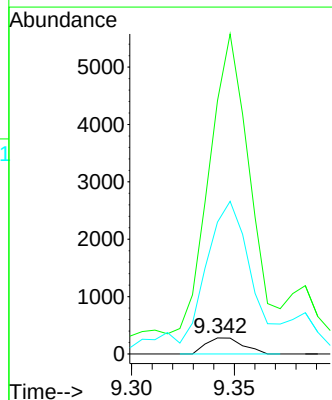
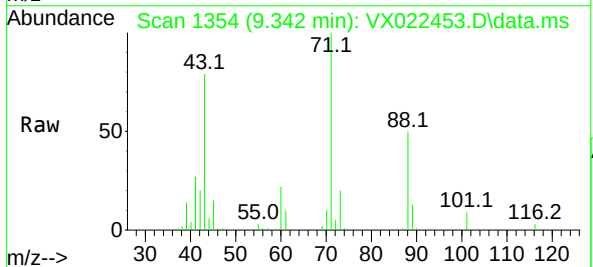
Instrument :
MSVOA_X
ClientSampled :

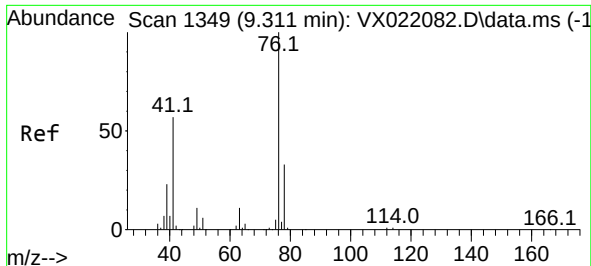
Tgt Ion: 75 Resp: 18870
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.4 35.1 52.7#



#56
Ethyl methacrylate
Concen: 0.221 ug/l
RT: 9.342 min Scan# 1354
Delta R.T. 0.220 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

Tgt Ion: 69 Resp: 352
Ion Ratio Lower Upper
69 100
41 2383.8 46.8 70.2#
39 1165.6 24.7 37.1#



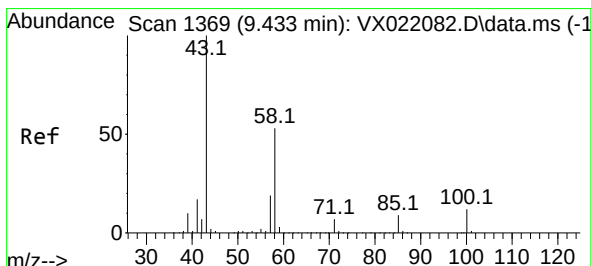
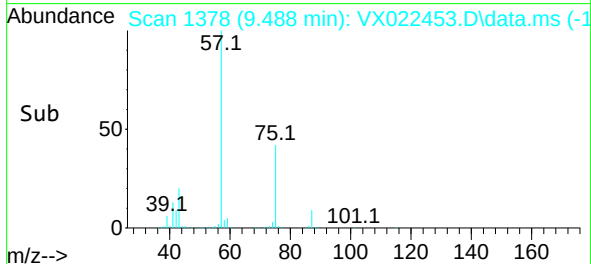
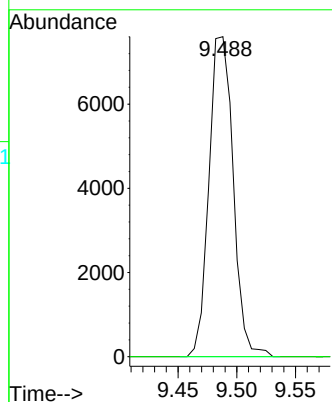
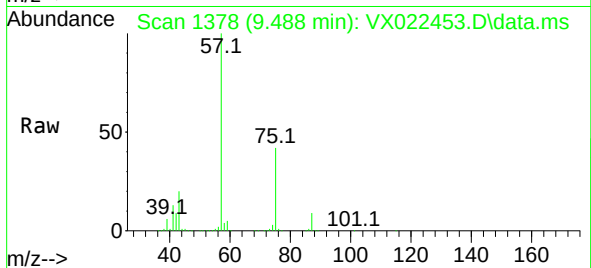


#57

1,3-Dichloropropane
Concen: 6.489 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

Instrument :
MSVOA_X
ClientSampled :

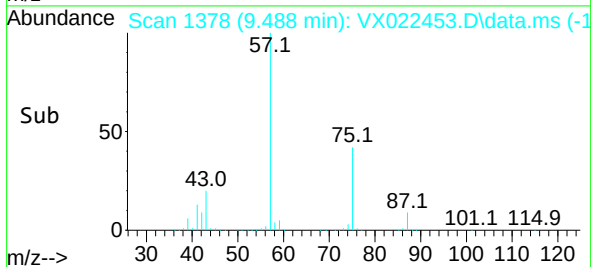
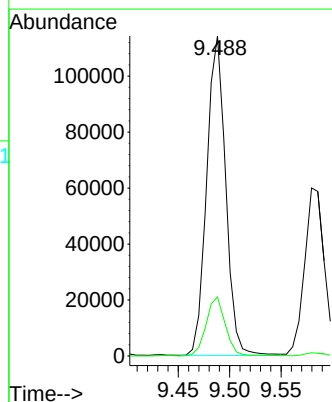
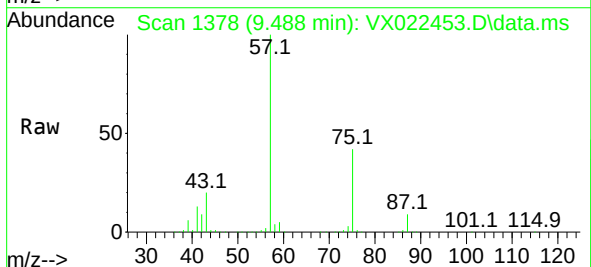
Tgt Ion: 76 Resp: 10934
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

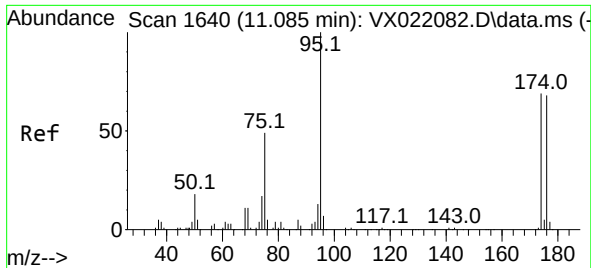


#59

2-Hexanone
Concen: 130.253 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

Tgt Ion: 43 Resp: 146814
Ion Ratio Lower Upper
43 100
58 18.9 30.9 92.8#

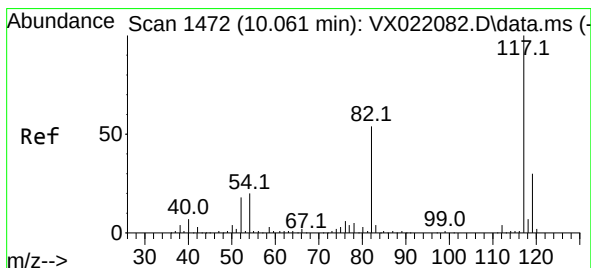
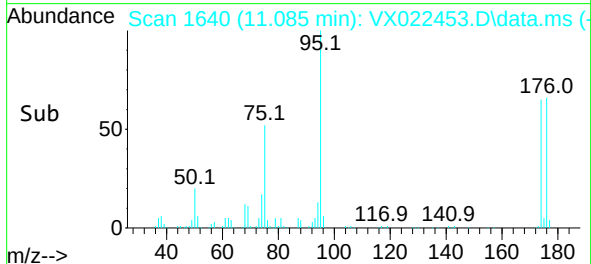
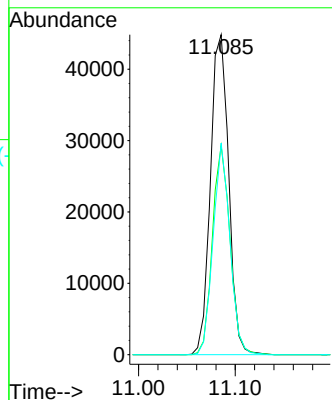
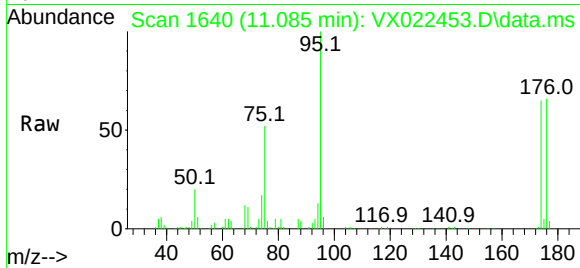




#62
4-Bromofluorobenzene
Concen: 48.170 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

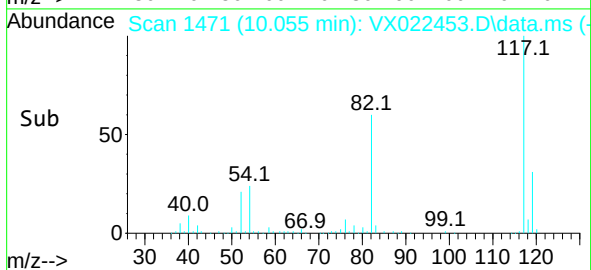
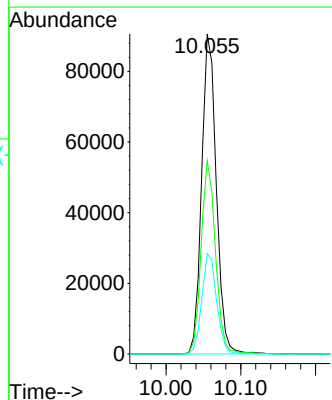
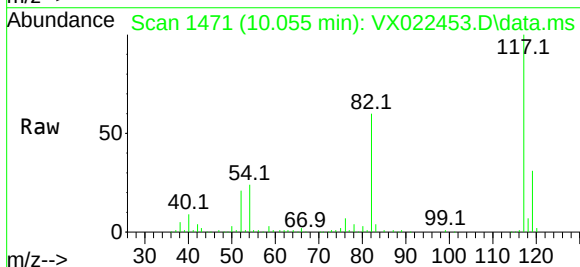
Instrument :
MSVOA_X
ClientSampleId :

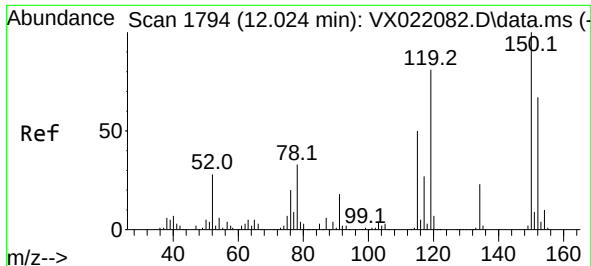
Tgt Ion: 95 Resp: 58689
Ion Ratio Lower Upper
95 100
174 62.9 0.0 154.6
176 60.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

Tgt Ion: 117 Resp: 123556
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 31.3 26.6 39.8

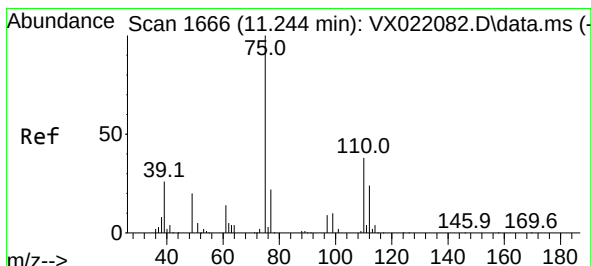
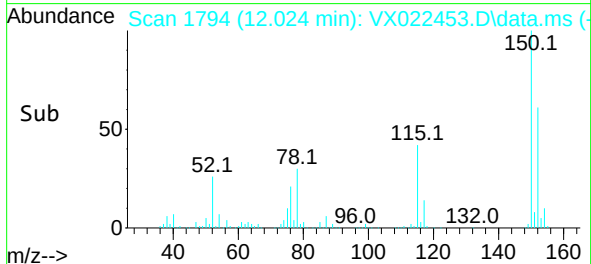
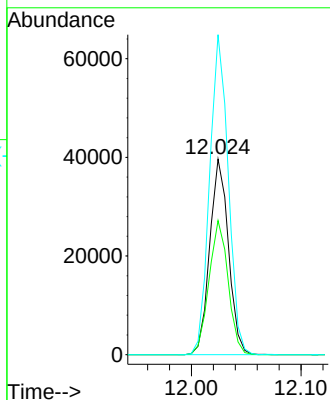
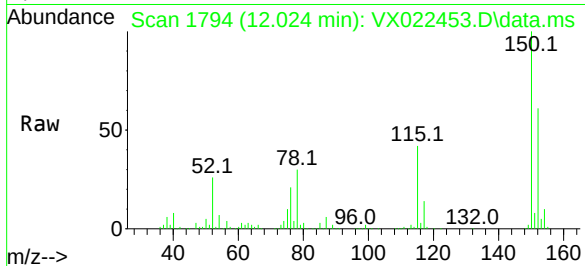




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022453.D
 Acq: 05 Jun 2021 07:31

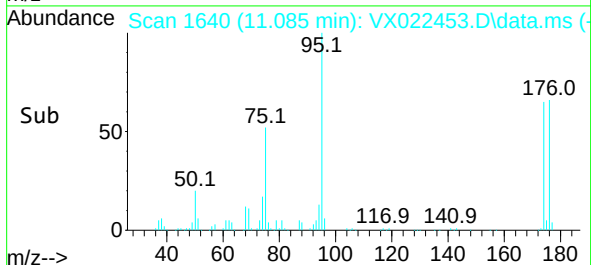
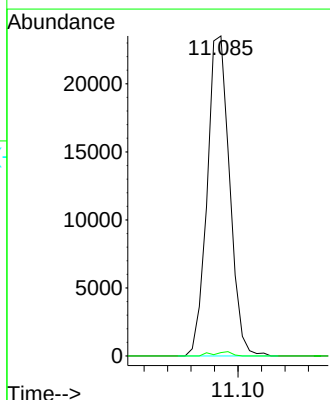
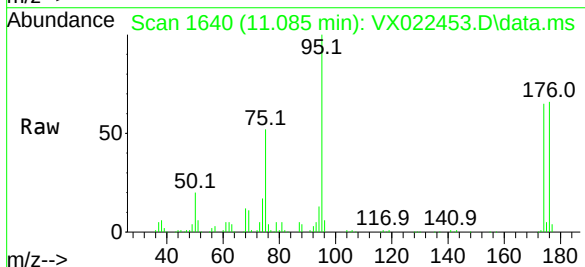
Instrument :
 MSVOA_X
 ClientSampled :

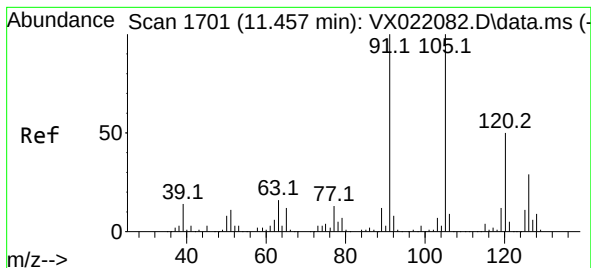
Tgt Ion:152 Resp: 47129
 Ion Ratio Lower Upper
 152 100
 115 69.9 41.1 123.3
 150 162.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.797 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022453.D
 Acq: 05 Jun 2021 07:31

Tgt Ion: 75 Resp: 31157
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

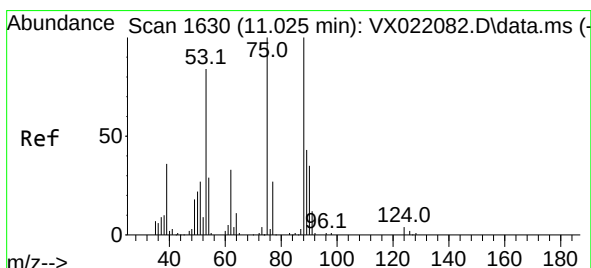
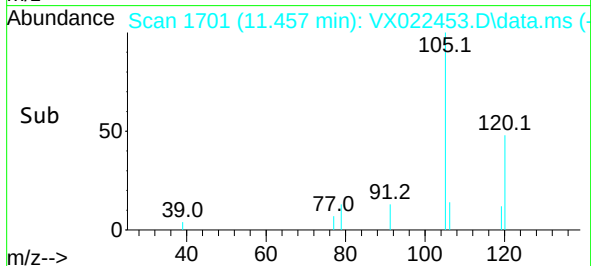
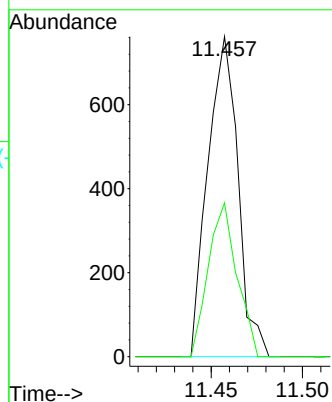
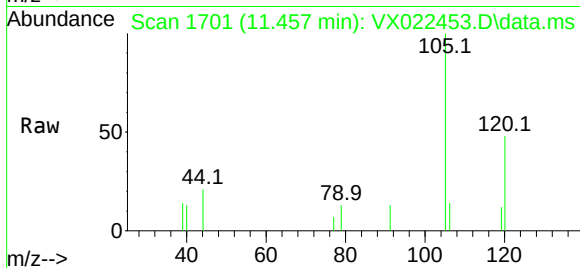




#80
1,3,5-Trimethylbenzene
Concen: 0.264 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 872
Ion Ratio Lower Upper
105 100
120 45.8 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 63.493 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022453.D
Acq: 05 Jun 2021 07:31

Tgt Ion: 75 Resp: 31157
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

