

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022450.D
 Acq On : 05 Jun 2021 06:21
 Operator : JC/MD
 Sample : PB136806ZHE#17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 07:46:38 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)

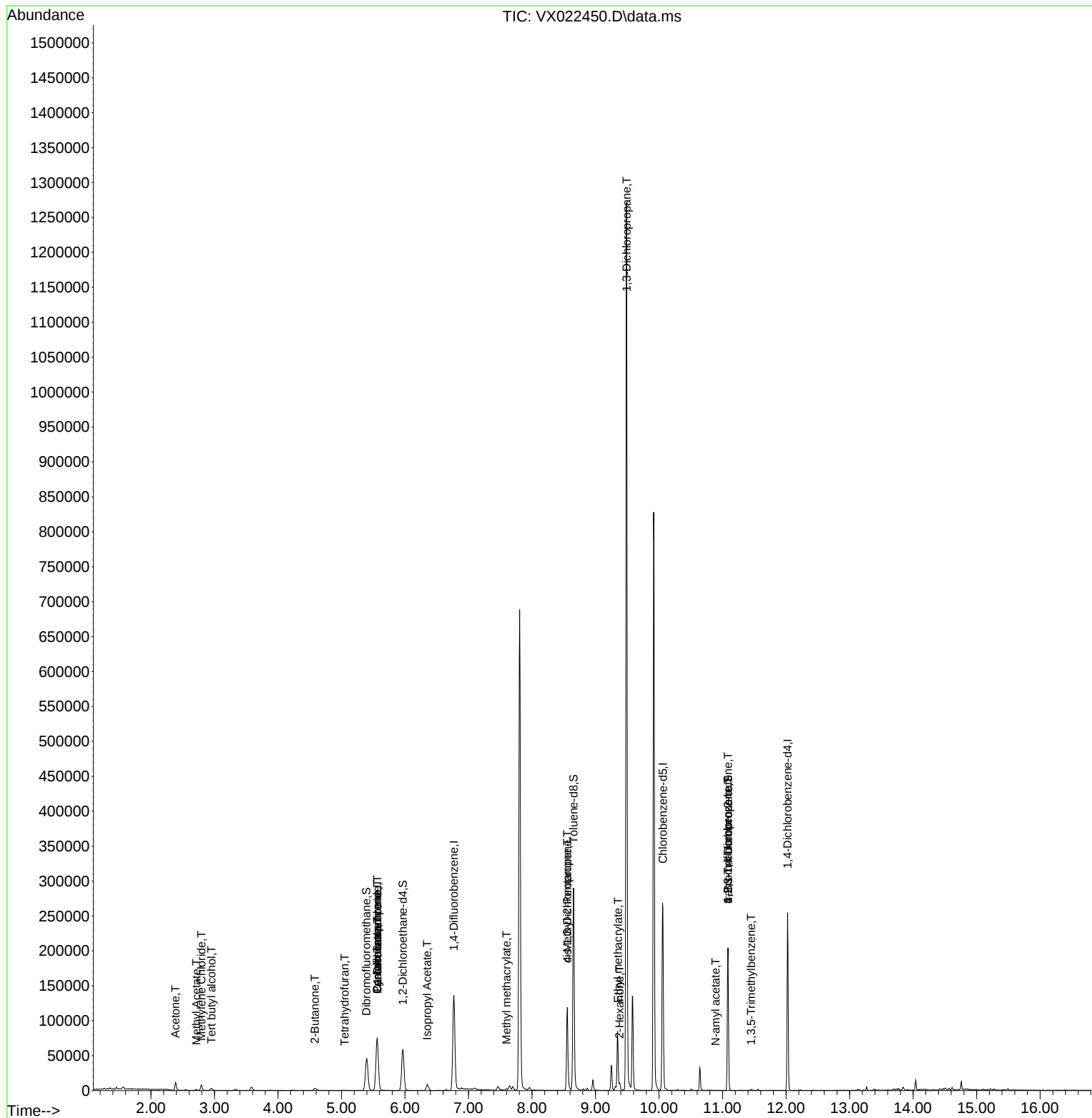
Internal Standards						
1) Pentafluorobenzene	5.562	168	63293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	133919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	119439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54137	55.449	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.900%			
35) Dibromofluoromethane	5.391	113	39855	46.930	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.860%			
50) Toluene-d8	8.653	98	165821	50.688	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.380%			
62) 4-Bromofluorobenzene	11.085	95	55996	46.309	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.620%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	2084	9.332	ug/l #	73
16) Acetone	2.386	43	12012	28.255	ug/l	99
18) Methyl Acetate	2.715	43	1719	1.520	ug/l #	85
20) Methylene Chloride	2.794	84	3315	3.512	ug/l #	82
25) 2-Butanone	4.580	43	2883	4.192	ug/l #	86
29) Tetrahydrofuran	5.050	42	389	0.950	ug/l #	31
31) Cyclohexane	5.562	56	2044	1.666	ug/l #	21
36) 1,1-Dichloropropene	5.562	75	6283	5.074	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7419	6.124	ug/l #	16
43) Isopropyl Acetate	6.348	43	11866	4.779	ug/l	93
48) Methyl methacrylate	7.598	41	3318	2.900	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	42700	28.709	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	18914	11.550	ug/l #	66
56) Ethyl methacrylate	9.354	69	372	0.235	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	10763	6.436	ug/l #	42
59) 2-Hexanone	9.378	43	4687	4.190	ug/l #	19
74) N-amyl acetate	10.890	43	407	0.227	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	29730	27.053	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	789	0.252	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.085	75	29730	64.098	ug/l #	12

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

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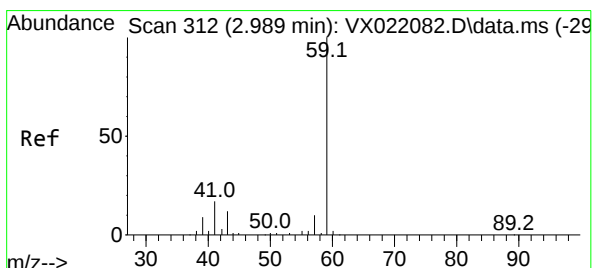
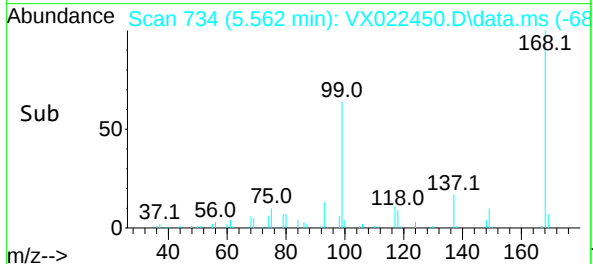
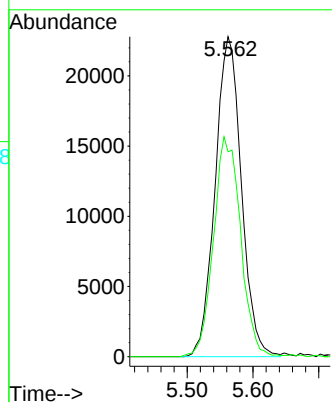
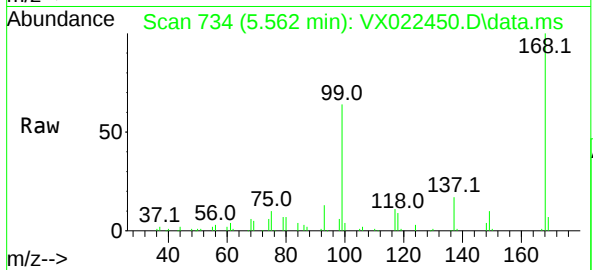




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

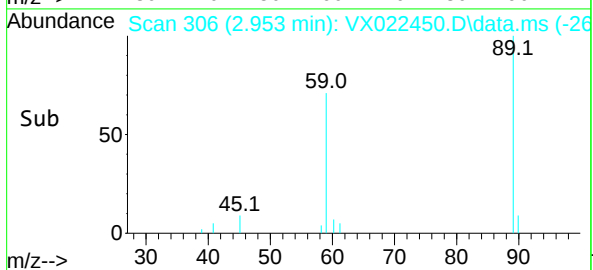
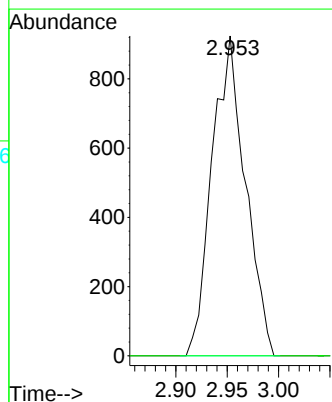
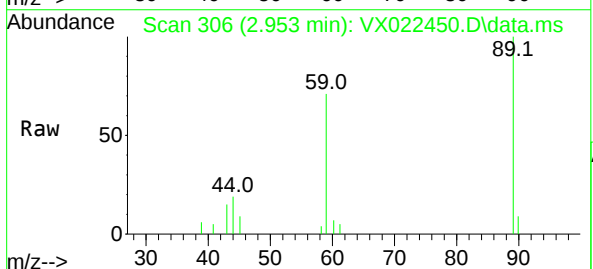
Instrument :
MSVOA_X
ClientSampleId :

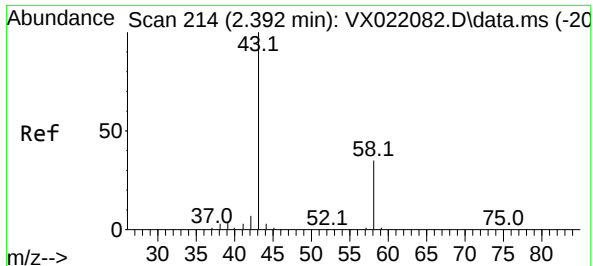
Tgt Ion:168 Resp: 63293
Ion Ratio Lower Upper
168 100
99 64.1 45.8 68.6



#11
Tert butyl alcohol
Concen: 9.332 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

Tgt Ion: 59 Resp: 2084
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

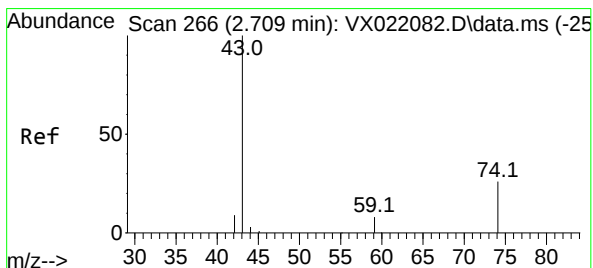
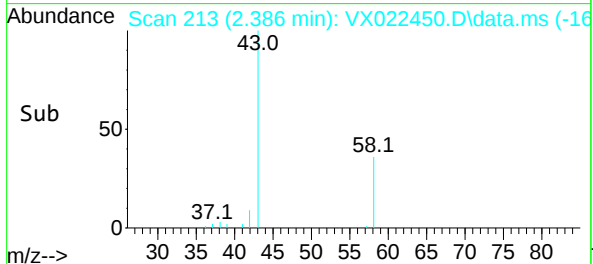
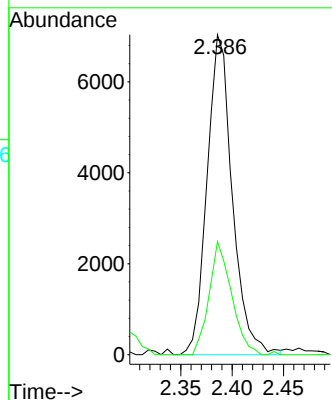
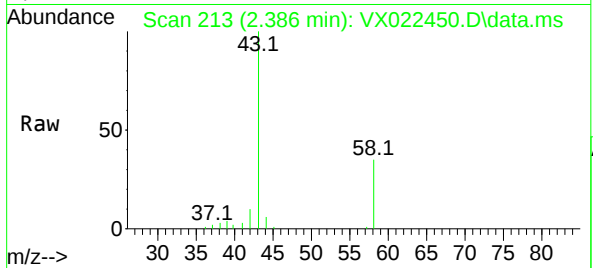




#16
Acetone
Concen: 28.255 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

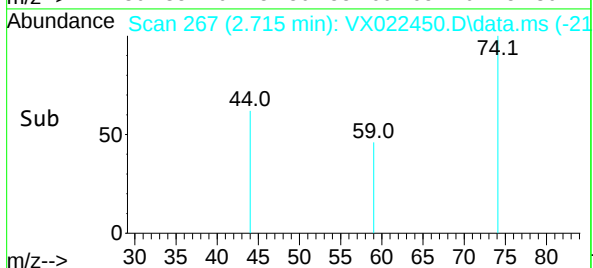
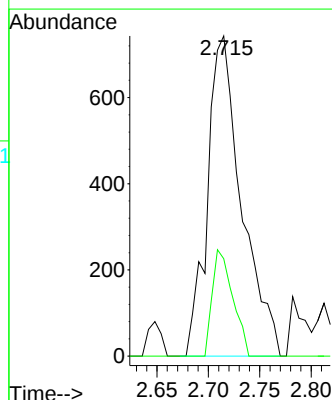
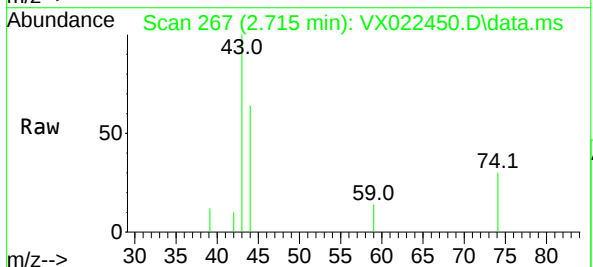
Instrument :
MSVOA_X
ClientSampled :

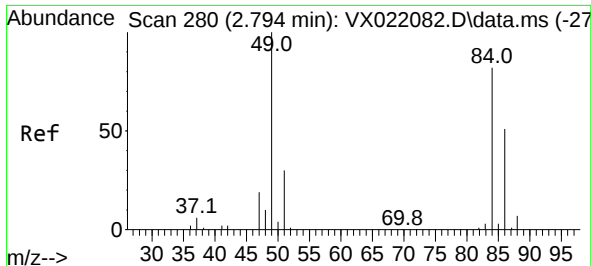
Tgt Ion: 43 Resp: 12012
Ion Ratio Lower Upper
43 100
58 35.3 27.8 41.8



#18
Methyl Acetate
Concen: 1.520 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

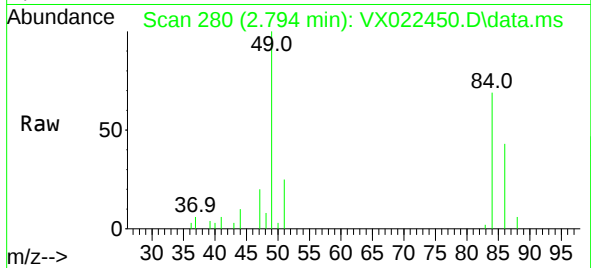
Tgt Ion: 43 Resp: 1719
Ion Ratio Lower Upper
43 100
74 19.8 21.9 32.9#





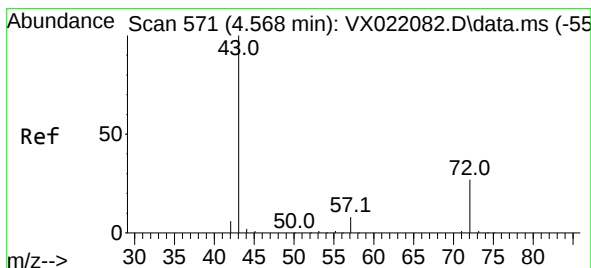
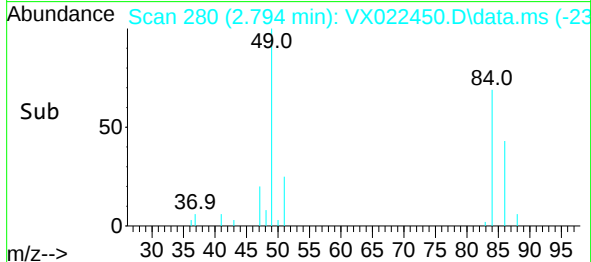
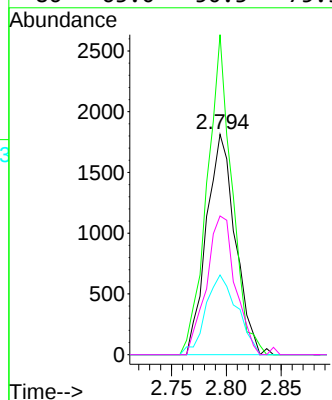
#20
Methylene Chloride
Concen: 3.512 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 3315

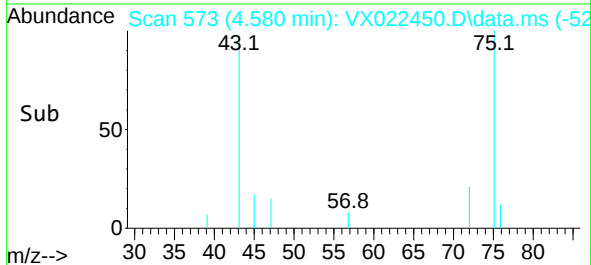
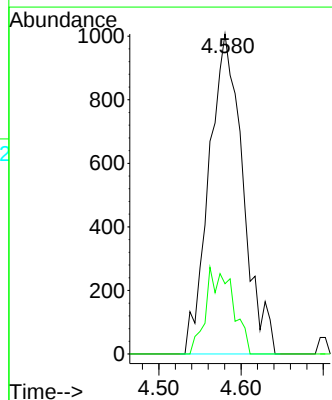
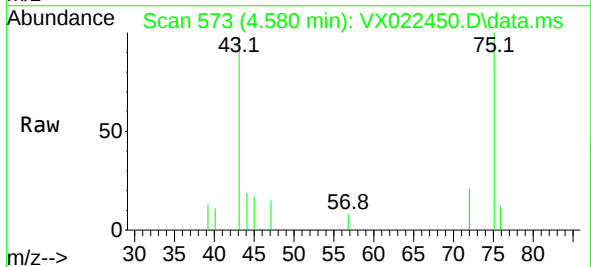
Ion	Ratio	Lower	Upper
84	100		
49	145.2	88.6	132.8#
51	36.2	27.0	40.6
86	63.0	50.3	75.5

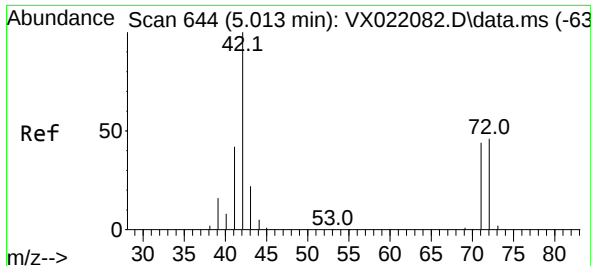


#25
2-Butanone
Concen: 4.192 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

Tgt Ion: 43 Resp: 2883

Ion	Ratio	Lower	Upper
43	100		
72	21.9	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.950 ug/l

RT: 5.050 min Scan# 650

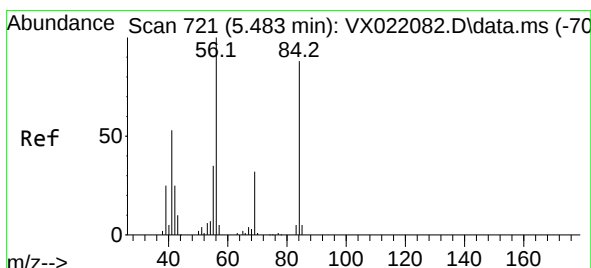
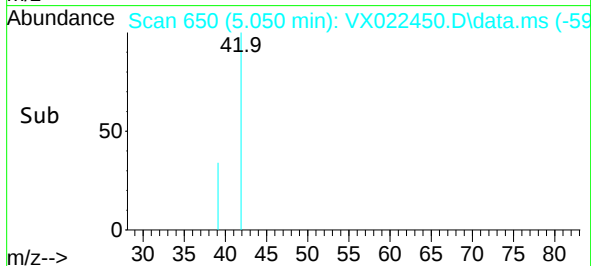
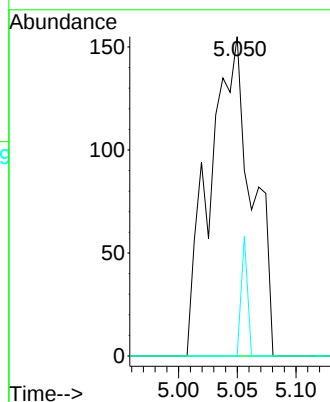
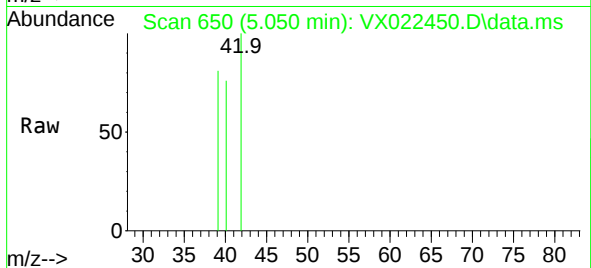
Delta R.T. 0.037 min

Lab File: VX022450.D

Acq: 05 Jun 2021 06:21

Tgt Ion:	42	Resp:	389
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	5.4	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.666 ug/l

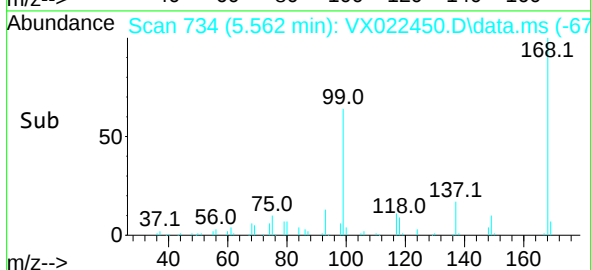
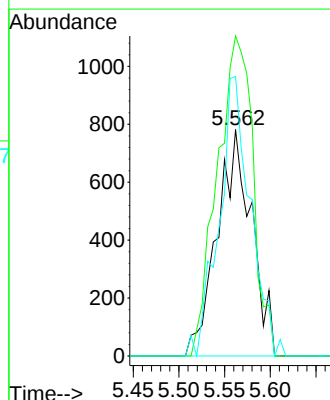
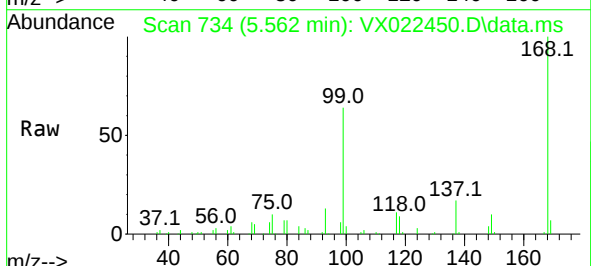
RT: 5.562 min Scan# 734

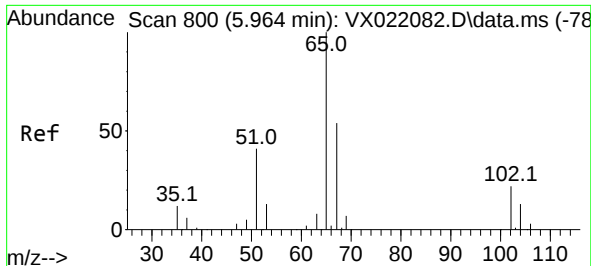
Delta R.T. 0.079 min

Lab File: VX022450.D

Acq: 05 Jun 2021 06:21

Tgt Ion:	56	Resp:	2044
Ion	Ratio	Lower	Upper
56	100		
69	141.3	25.3	37.9#
84	123.4	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 55.449 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022450.D

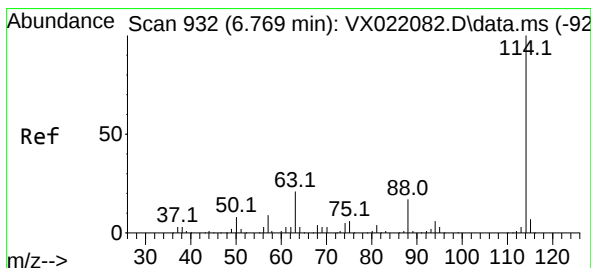
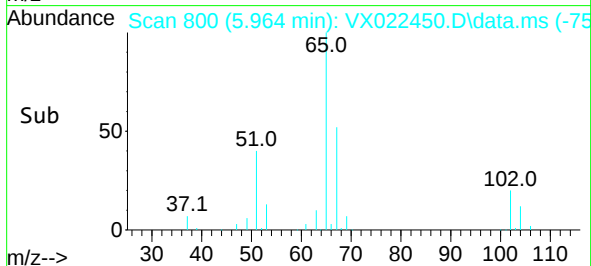
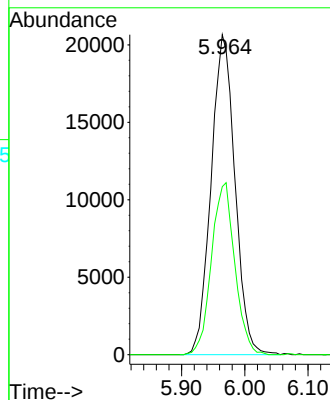
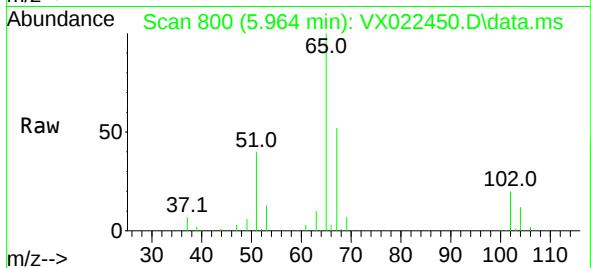
Acq: 05 Jun 2021 06:21

Tgt Ion: 65 Resp: 54137

Ion Ratio Lower Upper

65 100

67 52.5 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: VX022450.D

Acq: 05 Jun 2021 06:21

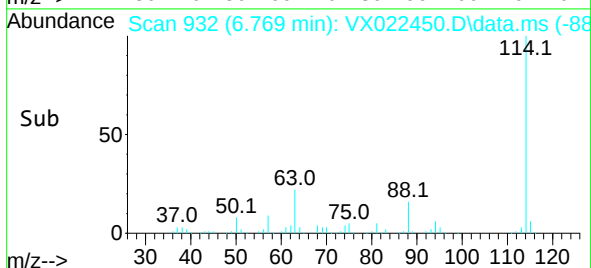
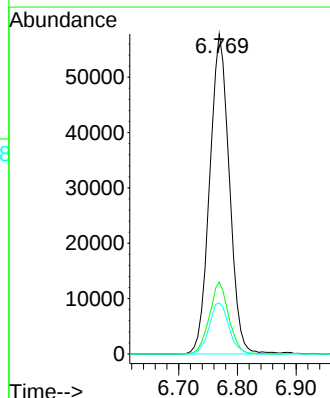
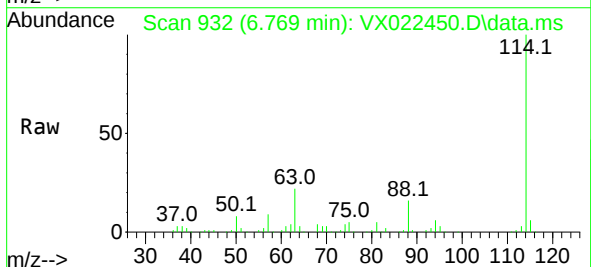
Tgt Ion: 114 Resp: 133919

Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.8

88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.930 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022450.D

Acq: 05 Jun 2021 06:21

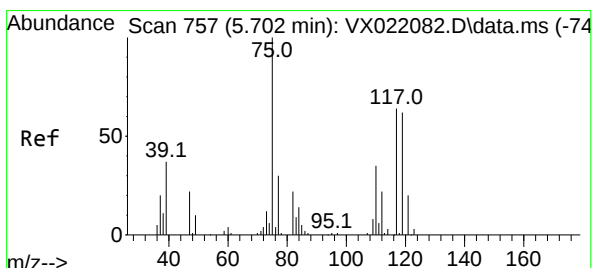
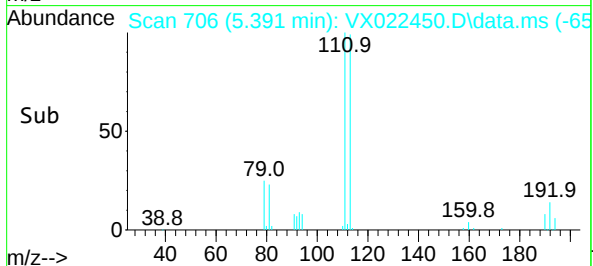
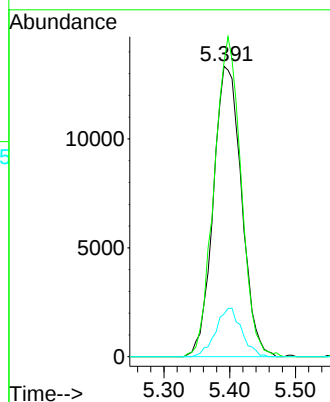
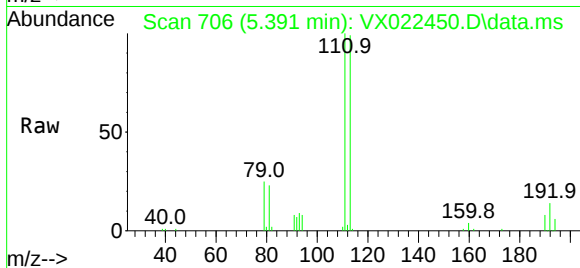
Tgt Ion:113 Resp: 39855

Ion Ratio Lower Upper

113 100

111 104.9 81.9 122.9

192 15.3 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.074 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022450.D

Acq: 05 Jun 2021 06:21

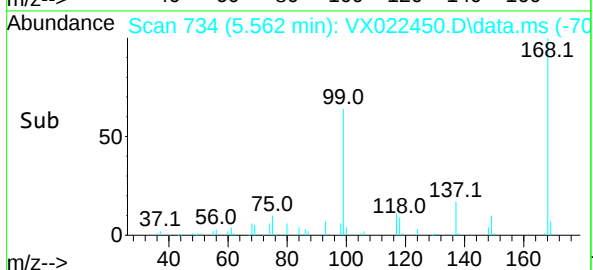
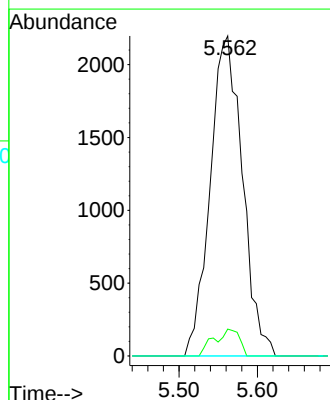
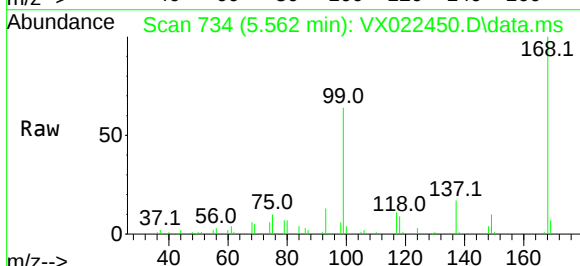
Tgt Ion: 75 Resp: 6283

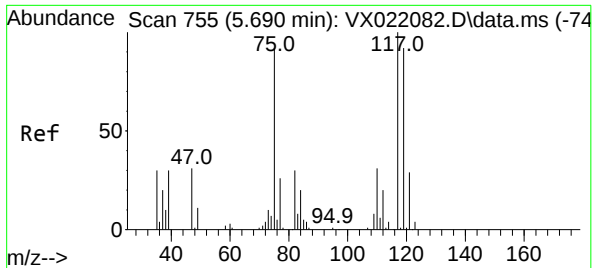
Ion Ratio Lower Upper

75 100

110 6.6 18.1 54.4#

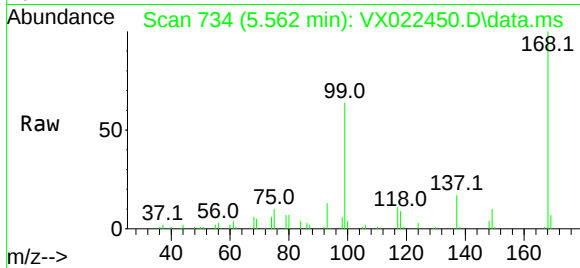
77 0.0 25.3 37.9#



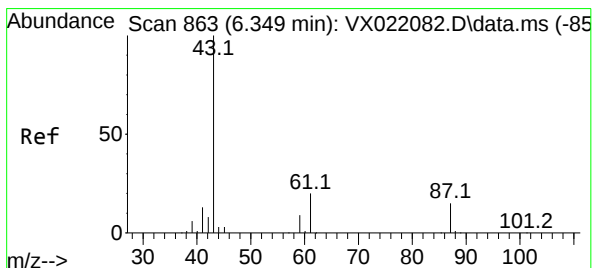
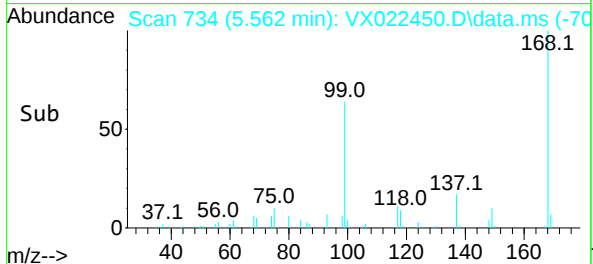
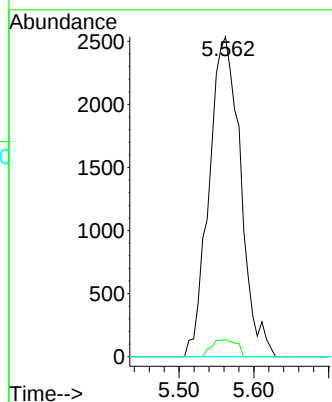


#38
Carbon Tetrachloride
Concen: 6.124 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

Instrument :
MSVOA_X
ClientSampled :

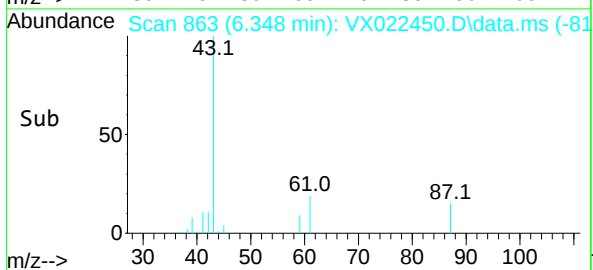
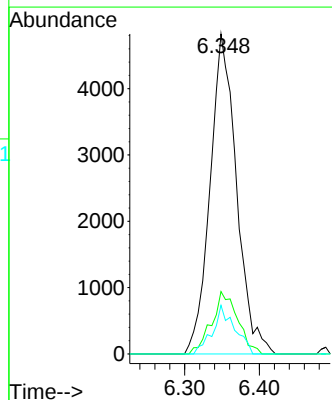
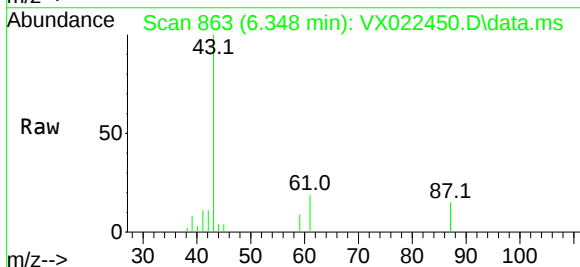


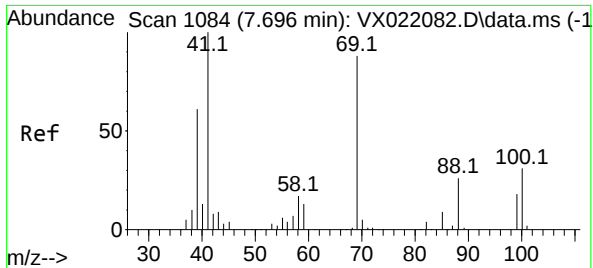
Tgt Ion:117 Resp: 7419
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 4.779 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

Tgt Ion: 43 Resp: 11866
Ion Ratio Lower Upper
43 100
61 19.2 18.2 27.4
87 12.6 12.5 18.7

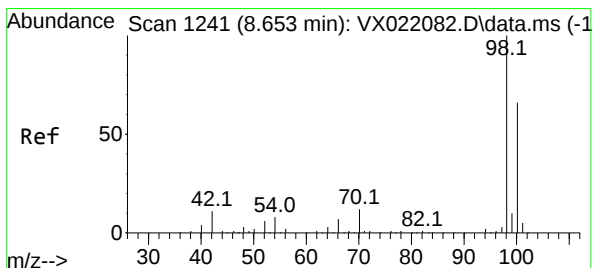
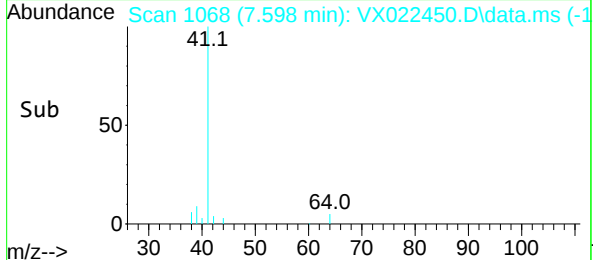
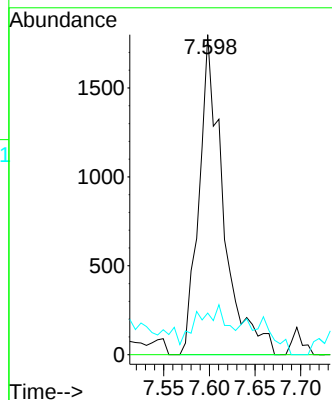
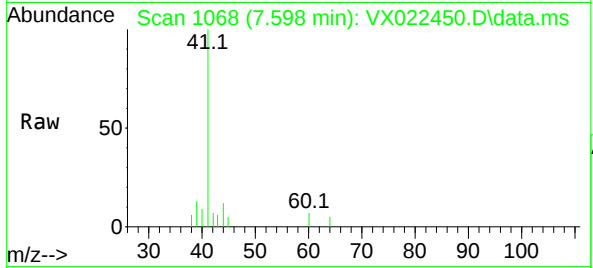




#48
Methyl methacrylate
Concen: 2.900 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

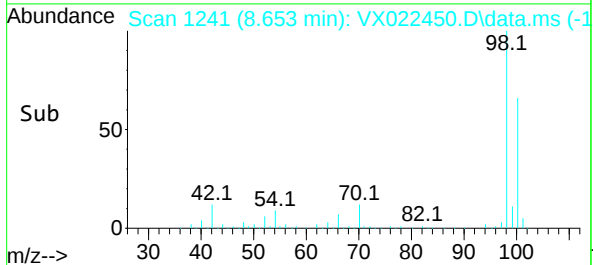
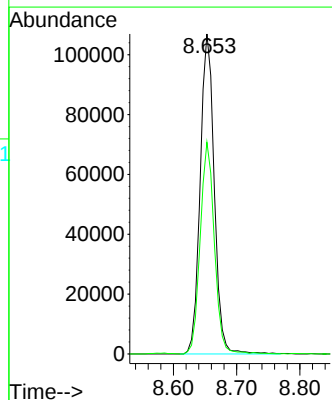
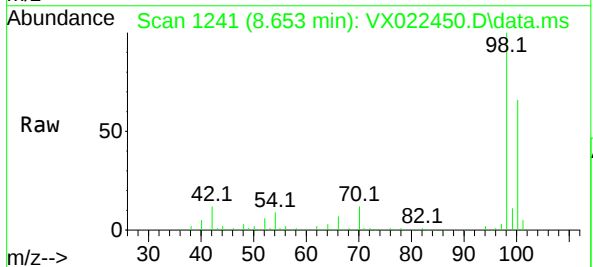
Instrument :
MSVOA_X
ClientSampled :

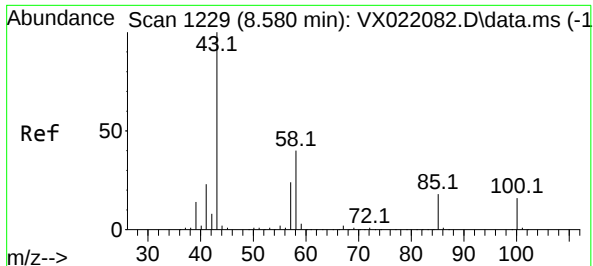
Tgt Ion: 41 Resp: 3318
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 50.688 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

Tgt Ion: 98 Resp: 165821
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9

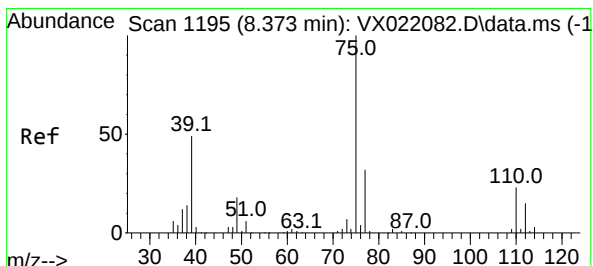
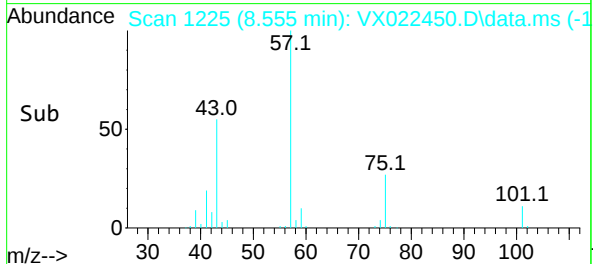
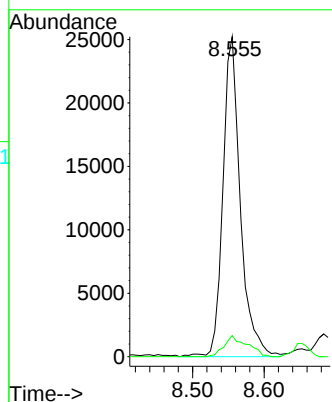
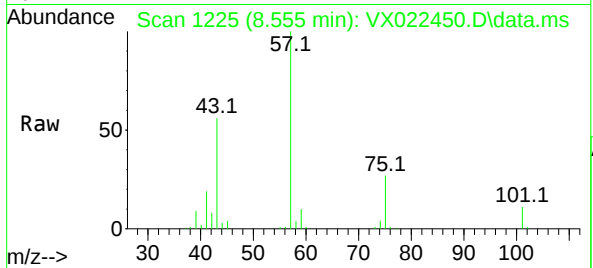




#51
4-Methyl-2-Pentanone
Concen: 28.709 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

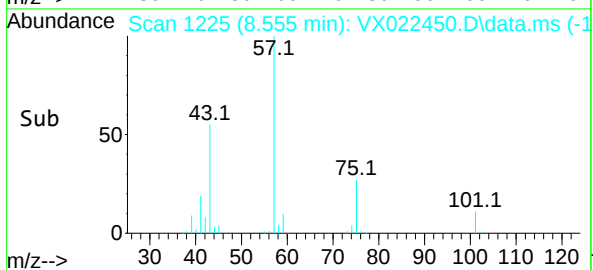
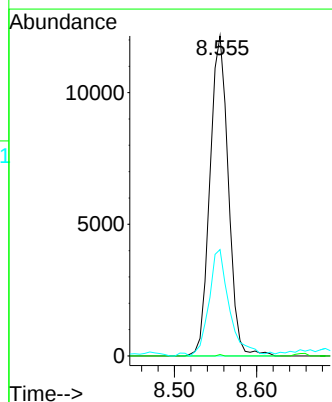
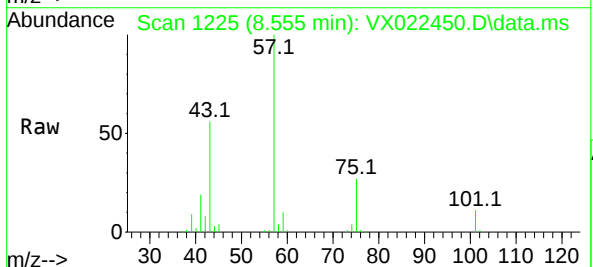
Instrument :
MSVOA_X
ClientSampled :

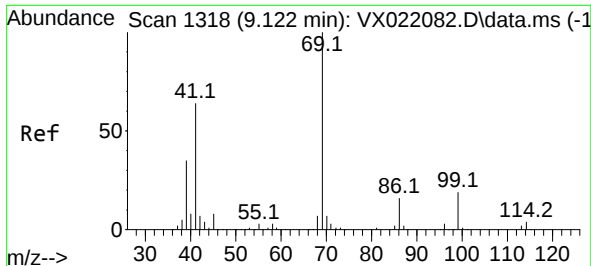
Tgt Ion: 43 Resp: 42700
Ion Ratio Lower Upper
43 100
58 8.7 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.550 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

Tgt Ion: 75 Resp: 18914
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 32.3 35.1 52.7#

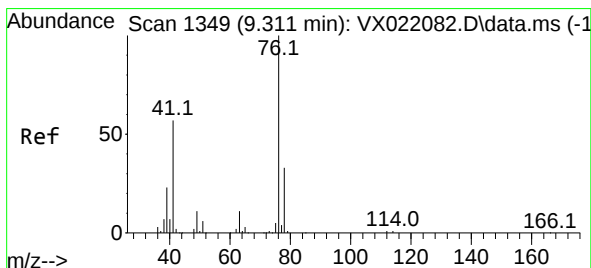
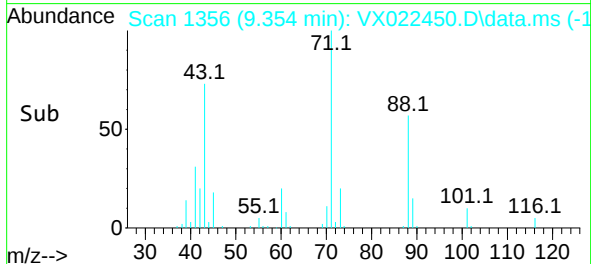
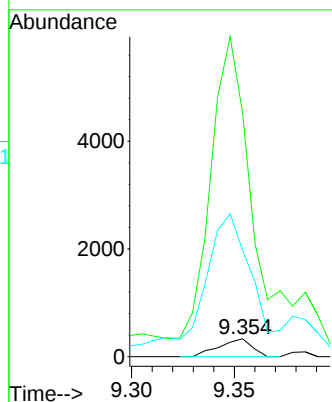
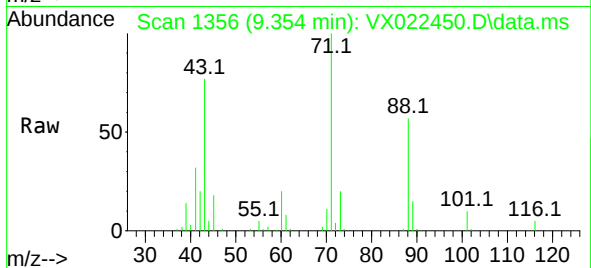




#56
Ethyl methacrylate
Concen: 0.235 ug/l
RT: 9.354 min Scan# 1356
Delta R.T. 0.232 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

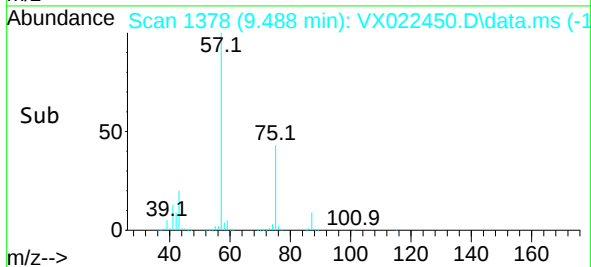
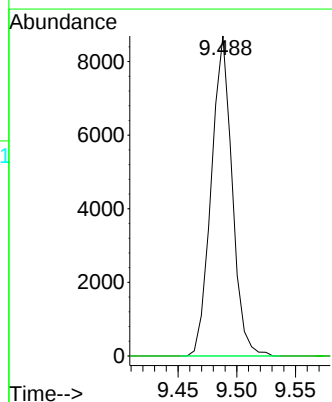
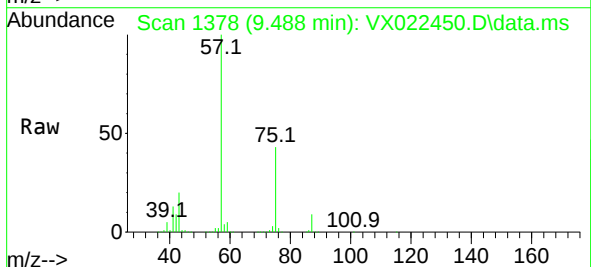
Instrument :
MSVOA_X
ClientSampleId :

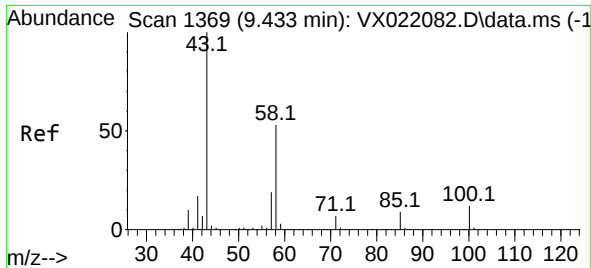
Tgt Ion: 69 Resp: 372
Ion Ratio Lower Upper
69 100
41 2326.9 46.8 70.2#
39 1161.0 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.436 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

Tgt Ion: 76 Resp: 10763
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

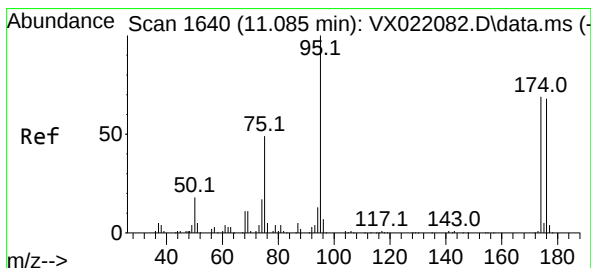
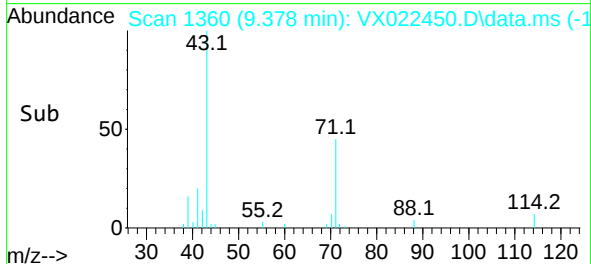
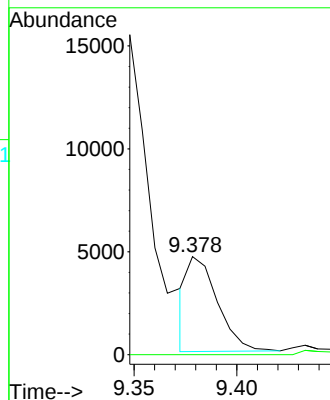
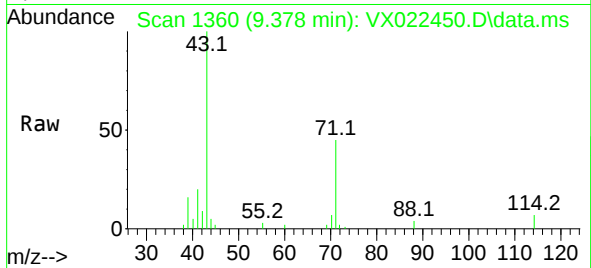




#59
2-Hexanone
Concen: 4.190 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

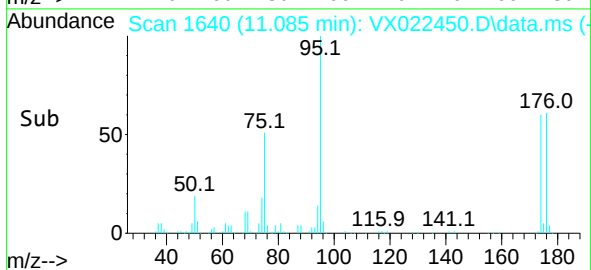
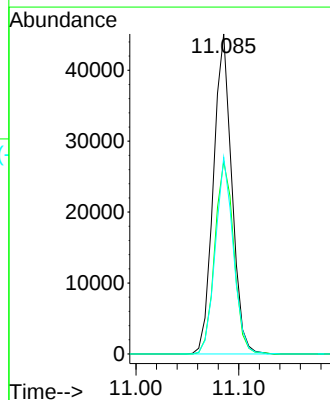
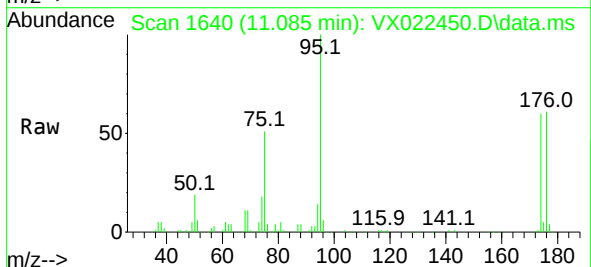
Instrument :
MSVOA_X
ClientSampleId :

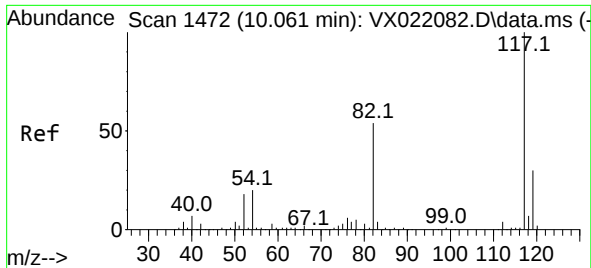
Tgt Ion: 43 Resp: 4687
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.309 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

Tgt Ion: 95 Resp: 55996
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 59.9 0.0 155.8

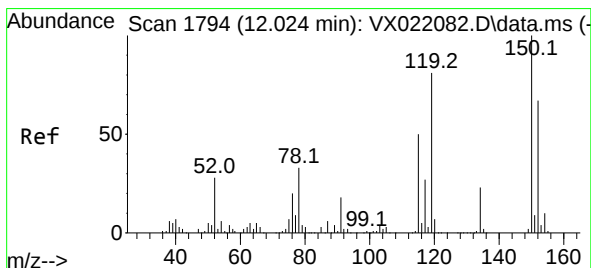
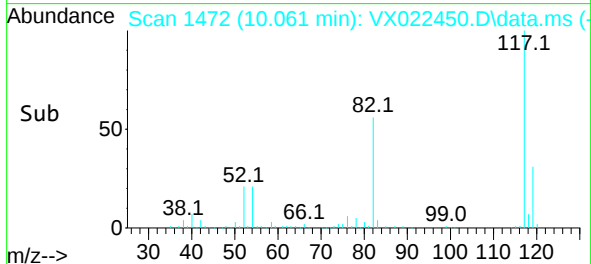
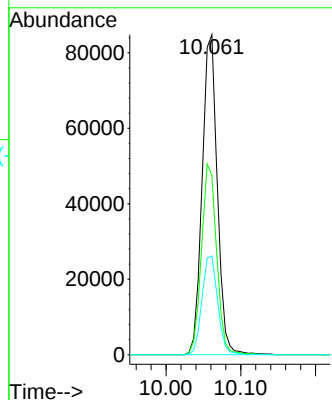
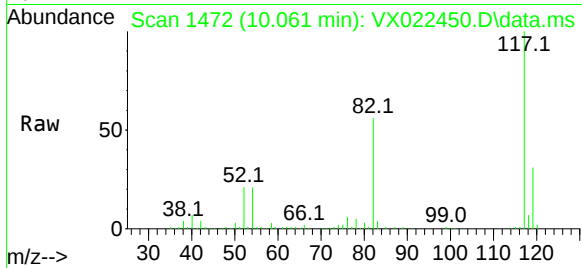




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

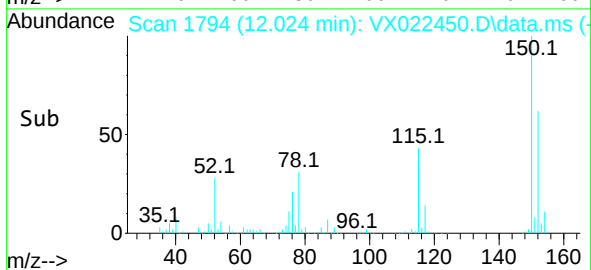
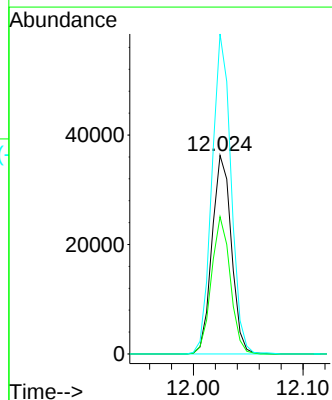
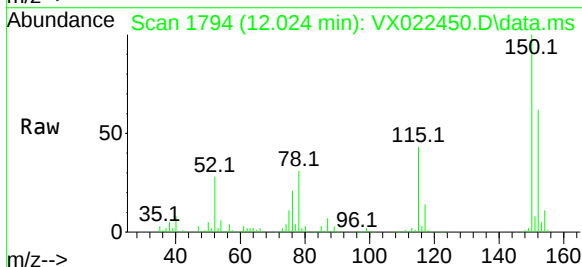
Instrument :
MSVOA_X
ClientSampleId :

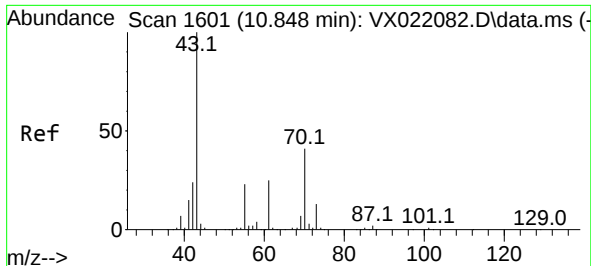
Tgt Ion:117 Resp: 119439
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

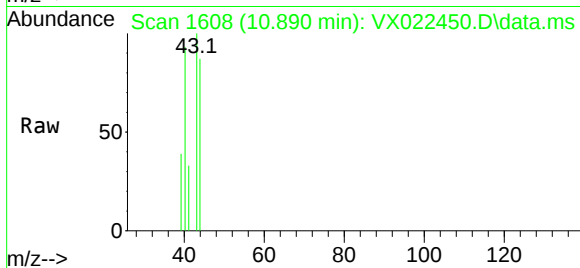
Tgt Ion:152 Resp: 44546
Ion Ratio Lower Upper
152 100
115 67.3 41.1 123.3
150 158.8 0.0 349.0



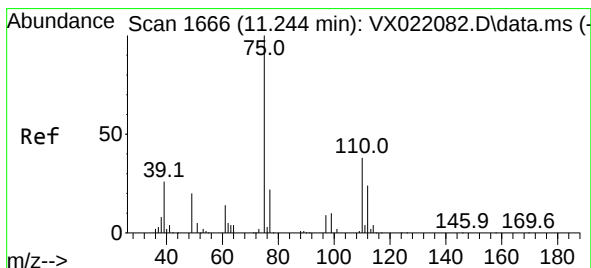
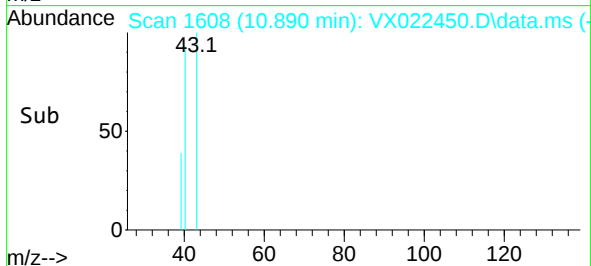
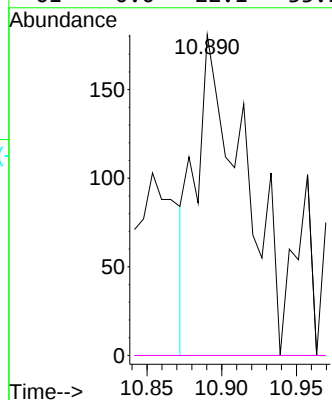


#74
N-amy1 acetate
Concen: 0.227 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.042 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

Instrument :
MSVOA_X
ClientSampled :

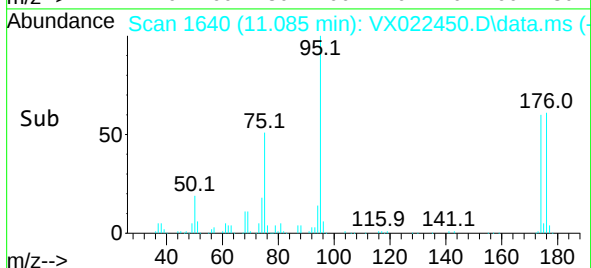
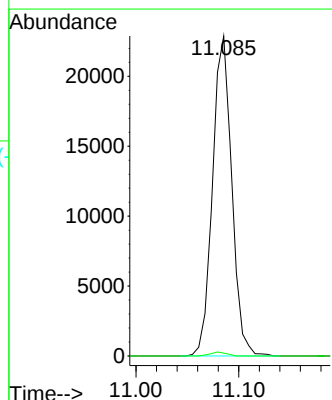
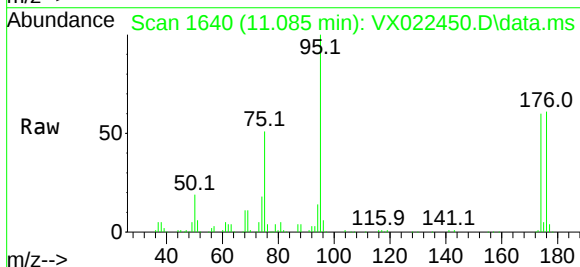


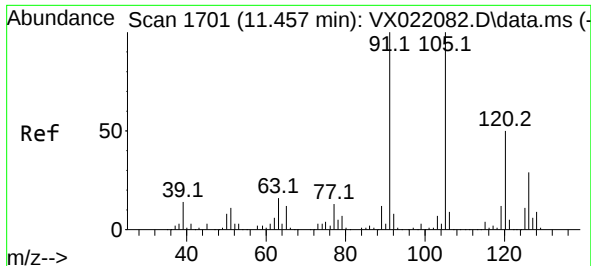
Tgt Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 27.053 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

Tgt Ion: 75 Resp: 29730
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

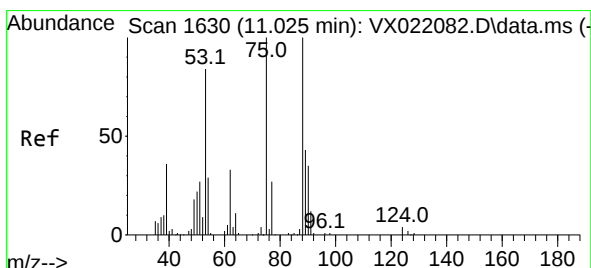
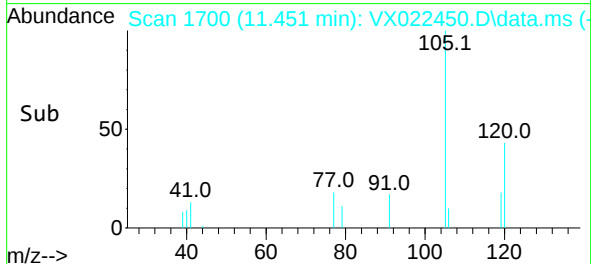
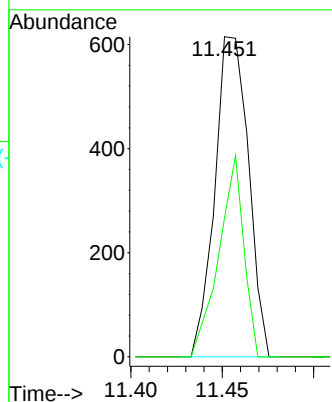
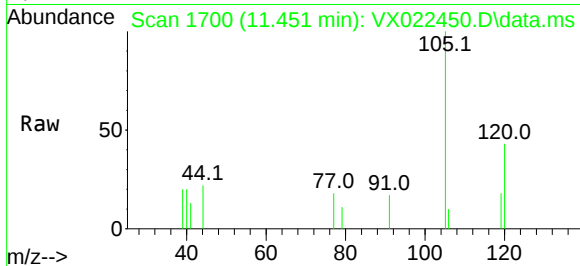




#80
1,3,5-Trimethylbenzene
Concen: 0.252 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 789
Ion Ratio Lower Upper
105 100
120 46.5 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 64.098 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022450.D
Acq: 05 Jun 2021 06:21

Tgt Ion: 75 Resp: 29730
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

