

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022395.D
 Acq On : 04 Jun 2021 02:59
 Operator : JC/MD
 Sample : PB36780ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 05:40:59 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)

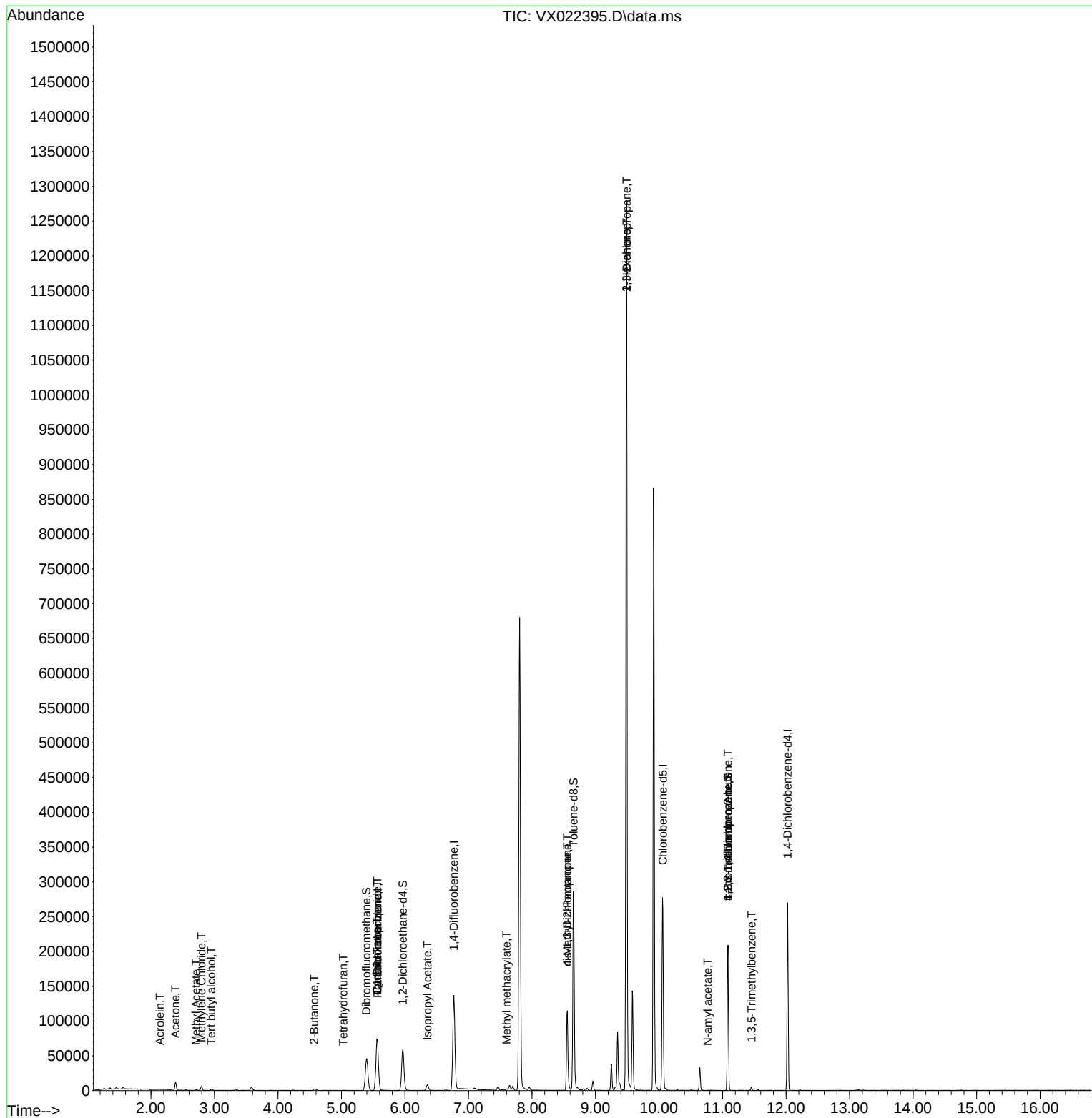
Internal Standards						
1) Pentafluorobenzene	5.568	168	62003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	132714	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	120595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54015	56.48	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	112.96%		
35) Dibromofluoromethane	5.391	113	39403	46.82	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.64%		
50) Toluene-d8	8.653	98	162342	50.08	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.16%		
62) 4-Bromofluorobenzene	11.085	95	56960	47.53	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.06%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1256	5.74	ug/l #	73
13) Acrolein	2.142	56	65	0.45	ug/l #	14
16) Acetone	2.386	43	11981	28.77	ug/l	98
18) Methyl Acetate	2.709	43	1490	1.35	ug/l #	75
20) Methylene Chloride	2.794	84	2252	2.44	ug/l	98
25) 2-Butanone	4.568	43	2856	4.24	ug/l	94
29) Tetrahydrofuran	5.026	42	221	0.55	ug/l #	33
31) Cyclohexane	5.556	56	1851	1.54	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	5918	4.82	ug/l #	47
38) Carbon Tetrachloride	5.562	117	7880	6.56	ug/l #	14
43) Isopropyl Acetate	6.355	43	11315	4.60	ug/l	95
48) Methyl methacrylate	7.598	41	3112	2.74	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	42119	28.58	ug/l #	46
54) cis-1,3-Dichloropropene	8.555	75	18911	11.65	ug/l #	64
57) 1,3-Dichloropropane	9.488	76	11014	6.65	ug/l #	42
59) 2-Hexanone	9.488	43	147964	133.47	ug/l #	44
74) N-amyl acetate	10.768	43	466	0.25	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	31180	26.74	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.457	105	2371	0.72	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	31180	63.37	ug/l #	12

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

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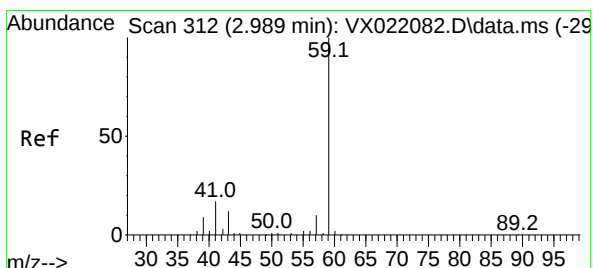
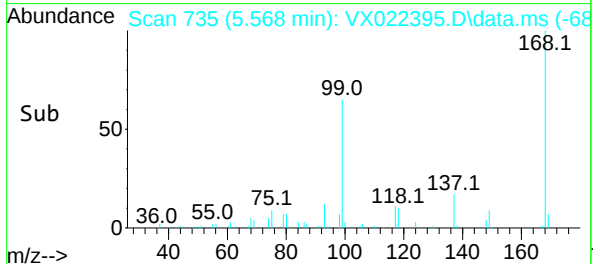
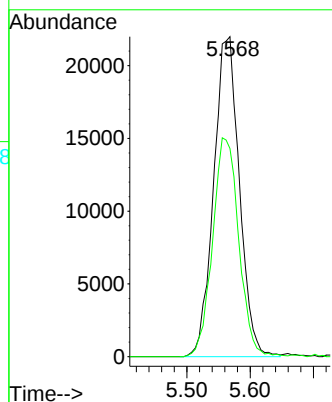
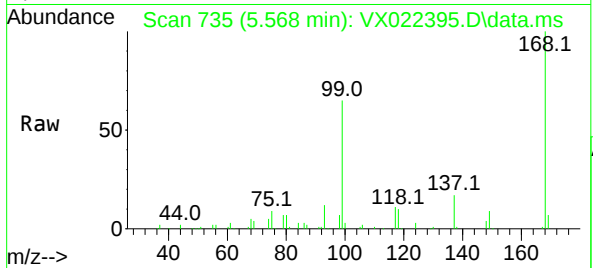




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

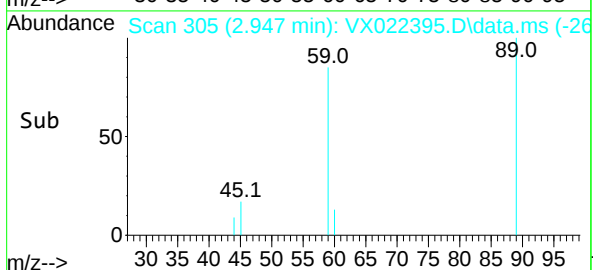
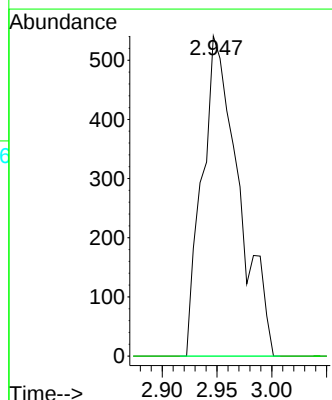
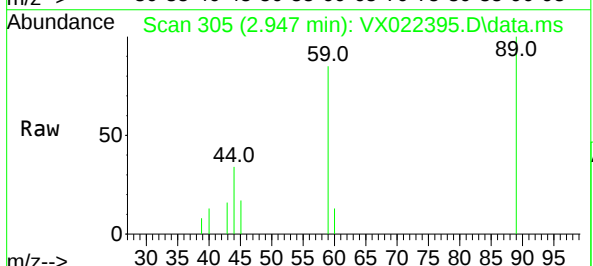
Instrument :
MSVOA_X
ClientSampleId :

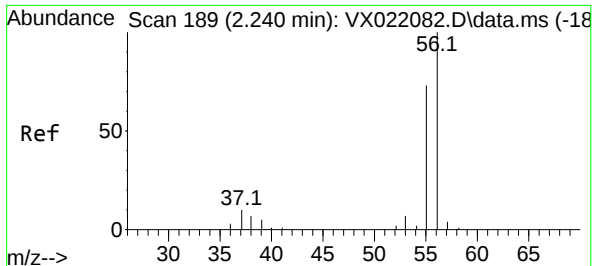
Tgt Ion:168 Resp: 62003
Ion Ratio Lower Upper
168 100
99 65.1 45.8 68.6



#11
Tert butyl alcohol
Concen: 5.74 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

Tgt Ion: 59 Resp: 1256
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

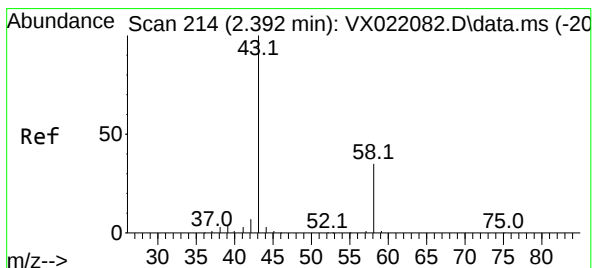
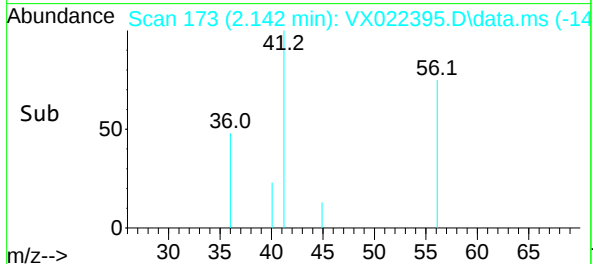
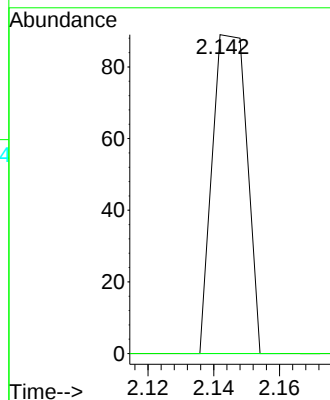
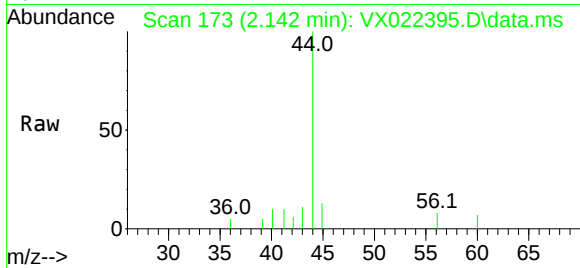




#13
Acrolein
Concen: 0.45 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.098 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

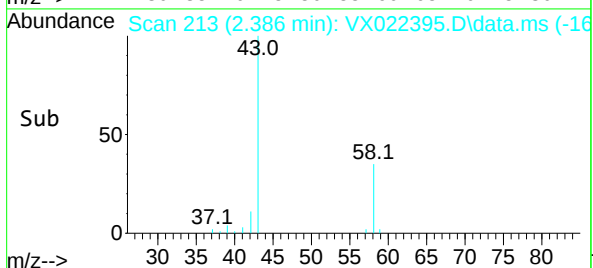
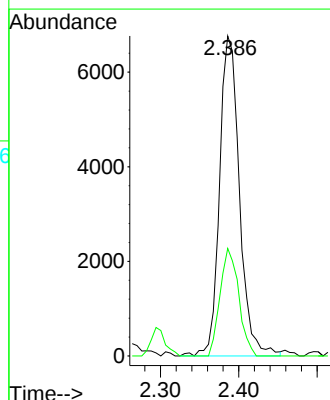
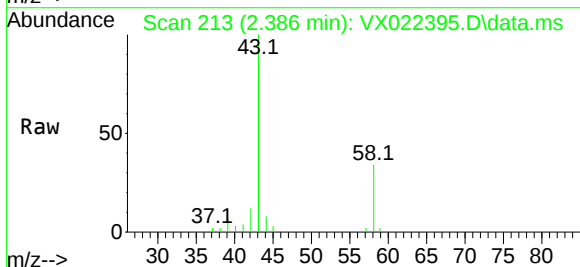
Instrument :
MSVOA_X
ClientSampleId :

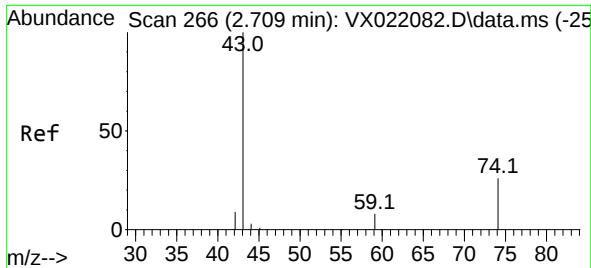
Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 28.77 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

Tgt Ion: 43 Resp: 11981
Ion Ratio Lower Upper
43 100
58 33.6 27.8 41.8

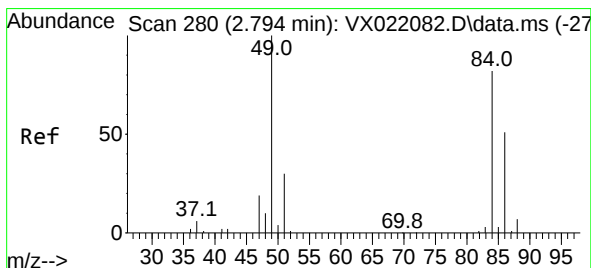
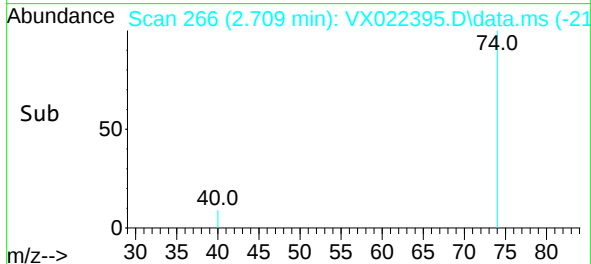
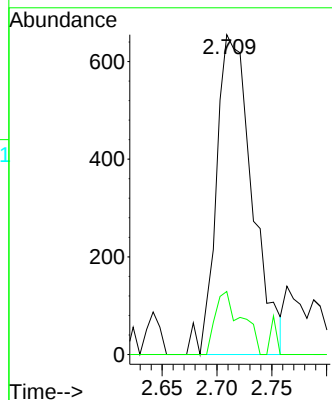
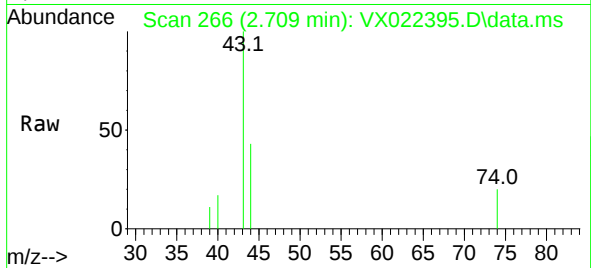




#18
Methyl Acetate
Concen: 1.35 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

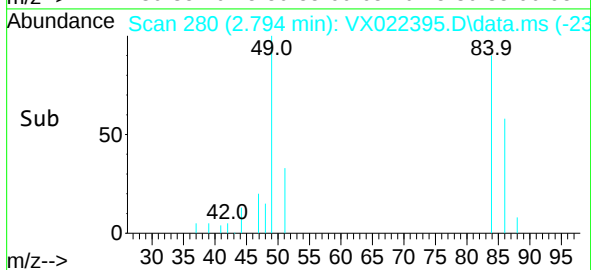
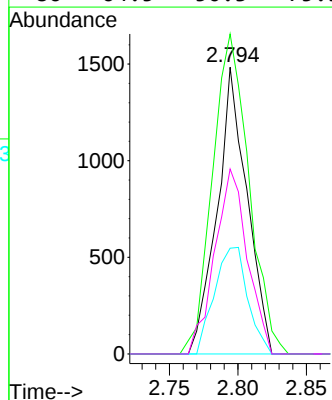
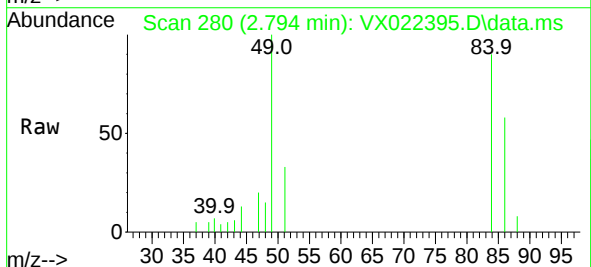
Instrument :
MSVOA_X
ClientSampled :

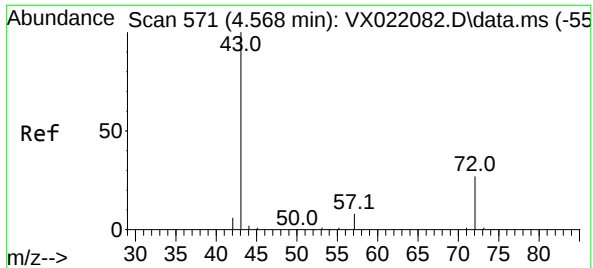
Tgt Ion: 43 Resp: 1490
Ion Ratio Lower Upper
43 100
74 14.6 21.9 32.9#



#20
Methylene Chloride
Concen: 2.44 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

Tgt Ion: 84 Resp: 2252
Ion Ratio Lower Upper
84 100
49 111.6 88.6 132.8
51 36.9 27.0 40.6
86 64.5 50.3 75.5

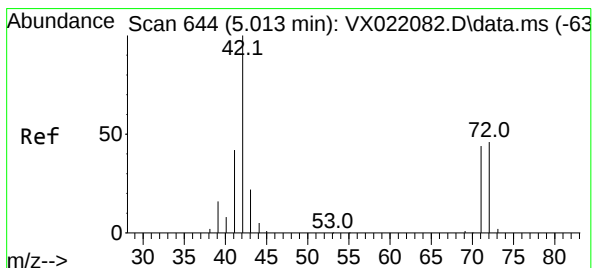
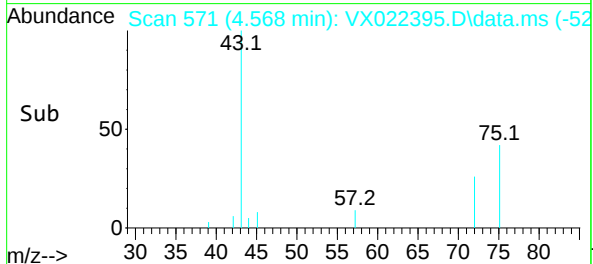
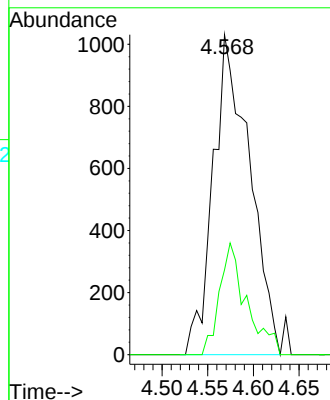
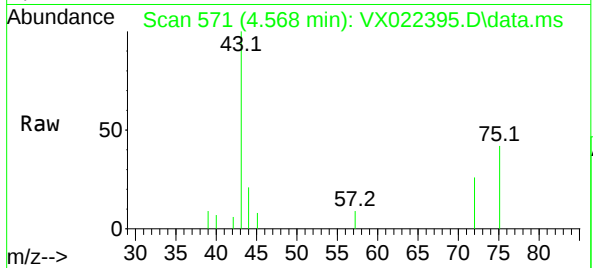




#25
2-Butanone
Concen: 4.24 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

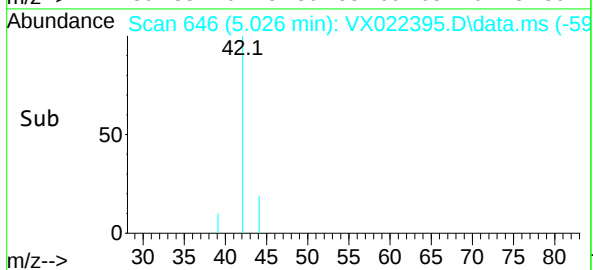
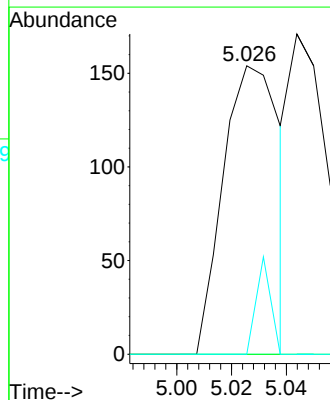
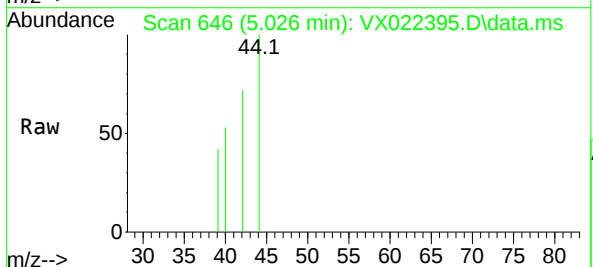
Instrument :
MSVOA_X
ClientSampled :

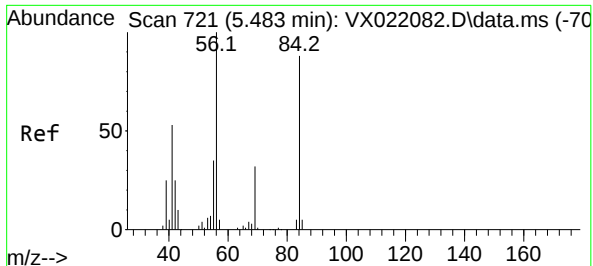
Tgt Ion: 43 Resp: 2856
Ion Ratio Lower Upper
43 100
72 26.5 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.55 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.013 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

Tgt Ion: 42 Resp: 221
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 8.6 38.4 57.6#

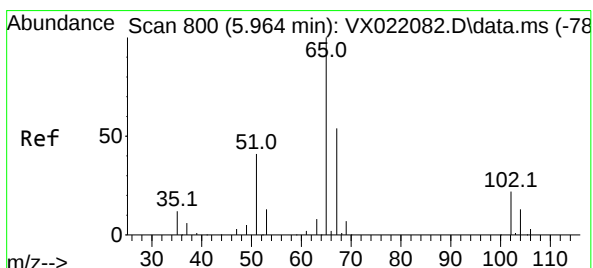
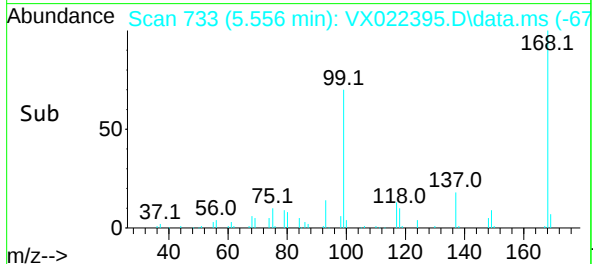
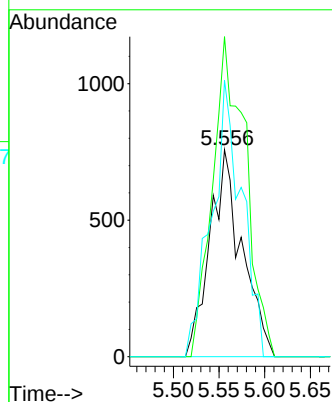
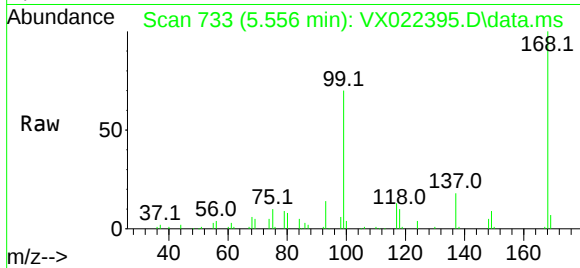




#31
Cyclohexane
Concen: 1.54 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

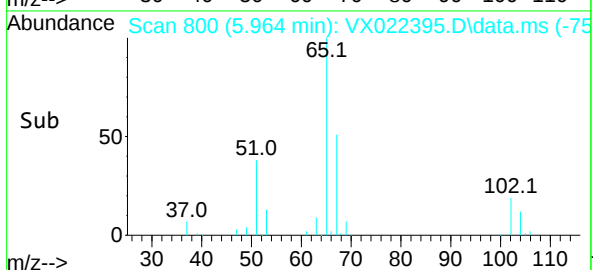
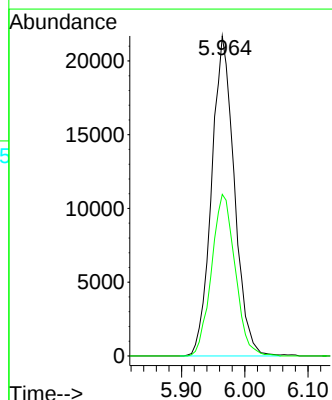
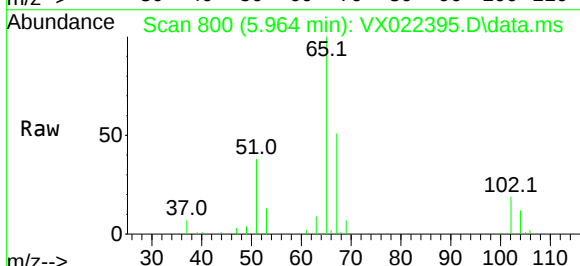
Instrument :
MSVOA_X
ClientSampleId :

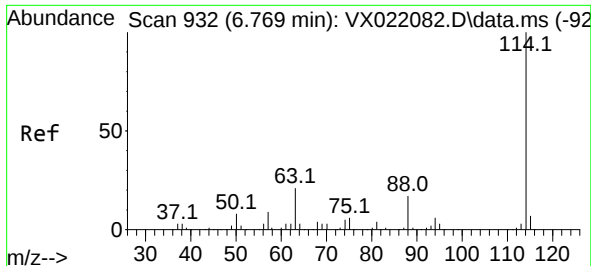
Tgt Ion: 56 Resp: 1851
Ion Ratio Lower Upper
56 100
69 154.6 25.3 37.9#
84 145.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 56.48 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

Tgt Ion: 65 Resp: 54015
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

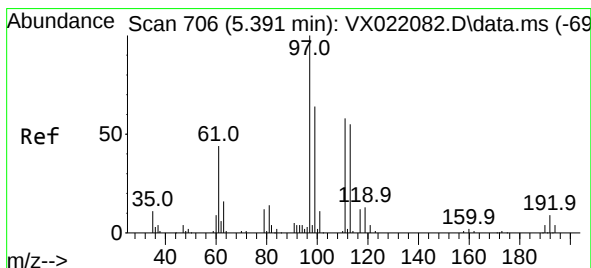
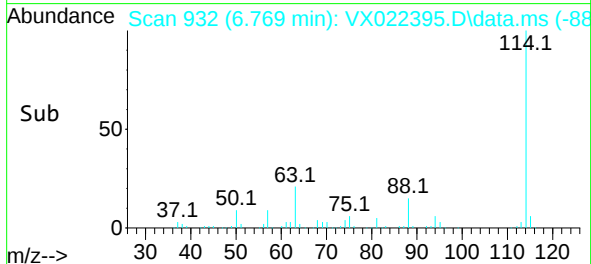
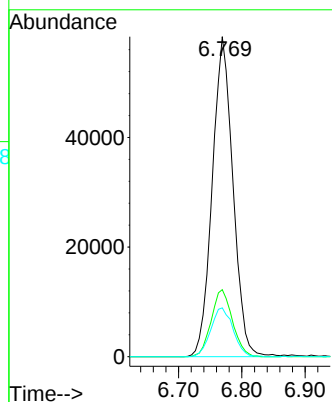
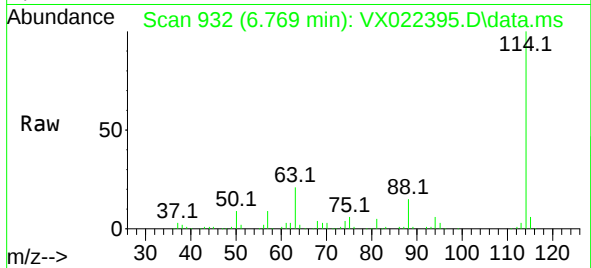




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

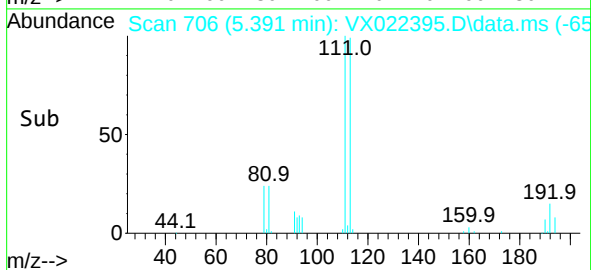
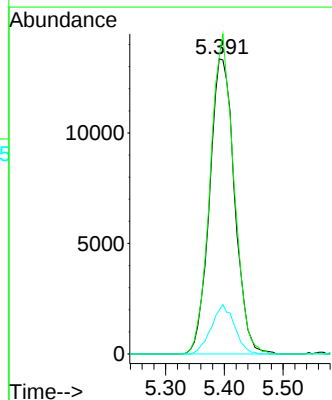
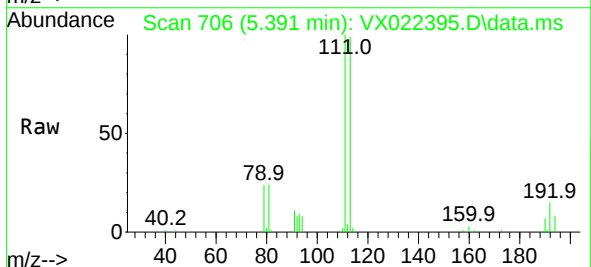
Instrument :
MSVOA_X
ClientSampled :

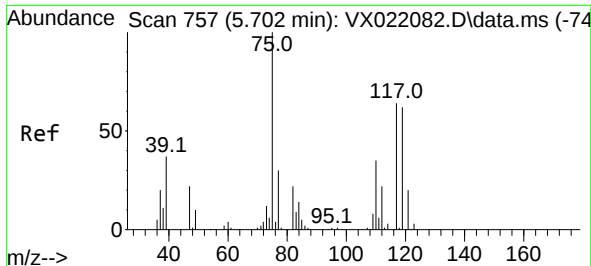
Tgt Ion:114 Resp: 132714
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 15.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.82 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

Tgt Ion:113 Resp: 39403
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 15.5 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.82 ug/l

RT: 5.562 min Scan# 734

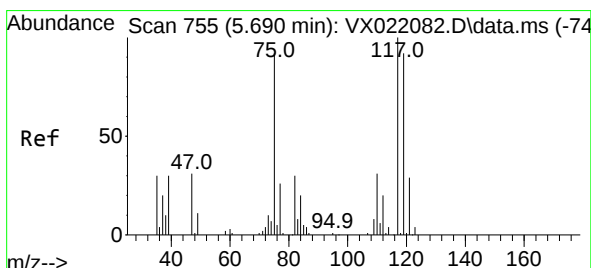
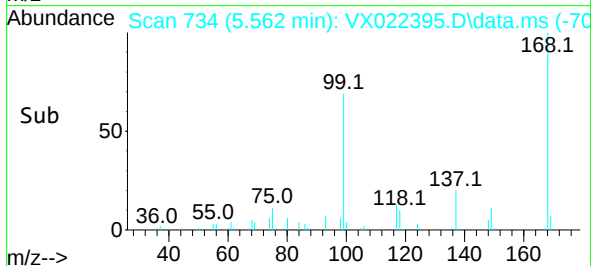
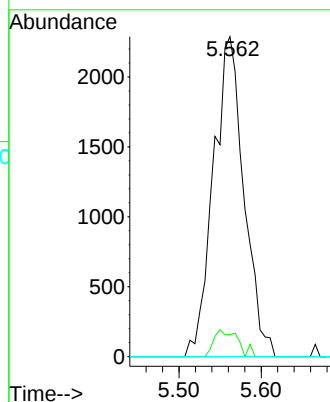
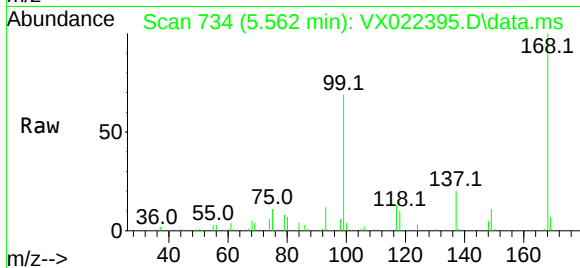
Delta R.T. -0.140 min

Lab File: VX022395.D

Acq: 04 Jun 2021 02:59

Tgt Ion:	75	Resp:	5918
Ion	Ratio	Lower	Upper
75	100		
110	6.6	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.56 ug/l

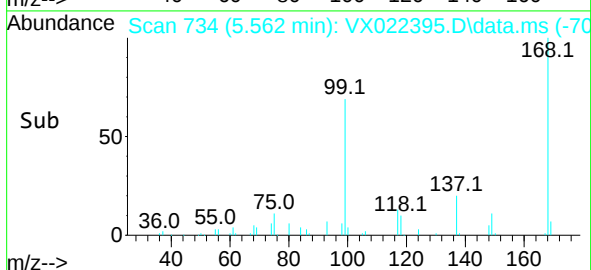
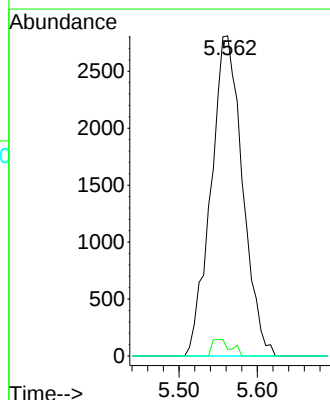
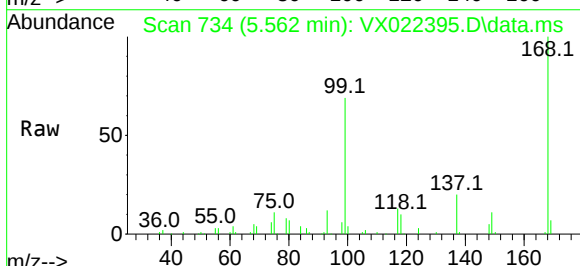
RT: 5.562 min Scan# 734

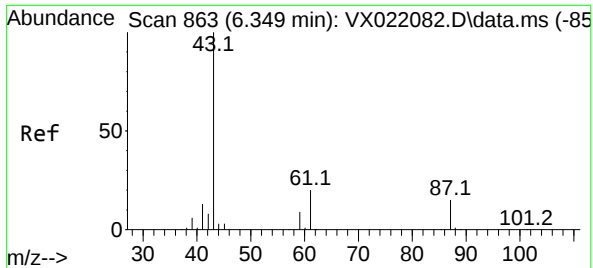
Delta R.T. -0.128 min

Lab File: VX022395.D

Acq: 04 Jun 2021 02:59

Tgt Ion:	117	Resp:	7880
Ion	Ratio	Lower	Upper
117	100		
119	2.1	76.2	114.2#
121	0.0	24.8	37.2#

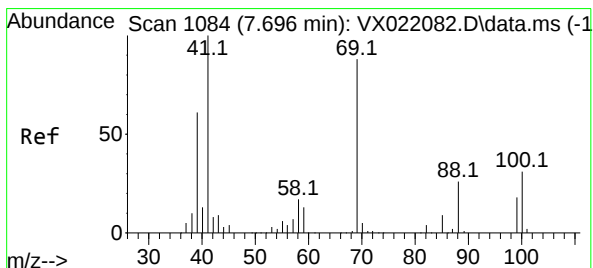
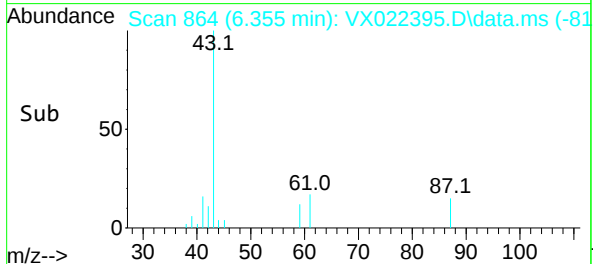
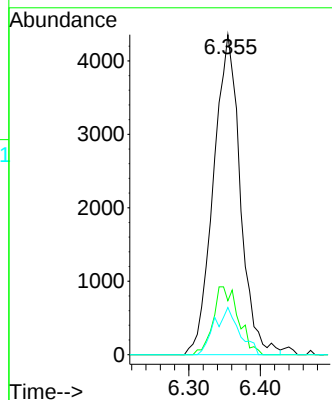
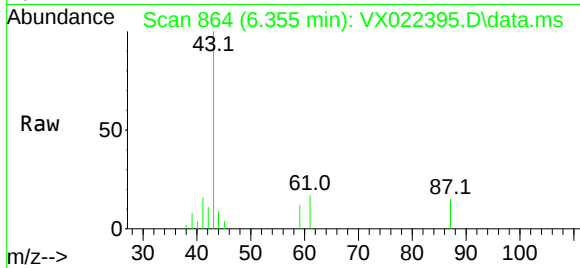




#43
Isopropyl Acetate
Concen: 4.60 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

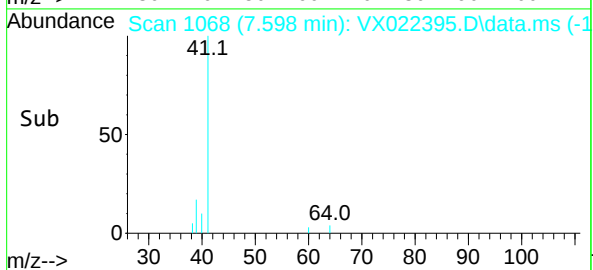
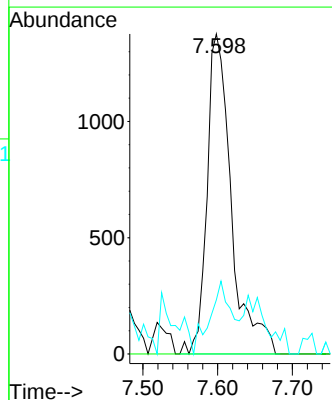
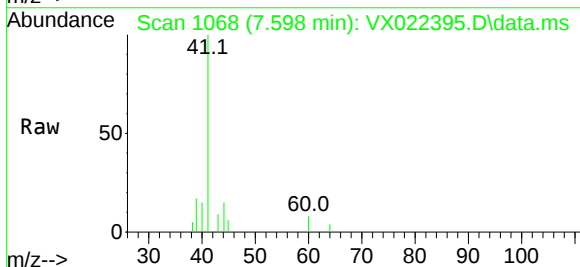
Instrument :
MSVOA_X
ClientSampled :

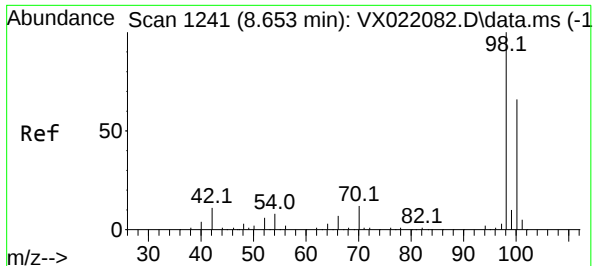
Tgt Ion: 43	Resp: 11315
Ion Ratio	Lower Upper
43 100	
61 20.1	18.2 27.4
87 13.6	12.5 18.7



#48
Methyl methacrylate
Concen: 2.74 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

Tgt Ion: 41	Resp: 3112
Ion Ratio	Lower Upper
41 100	
69 0.0	76.0 114.0#
39 0.0	44.6 67.0#

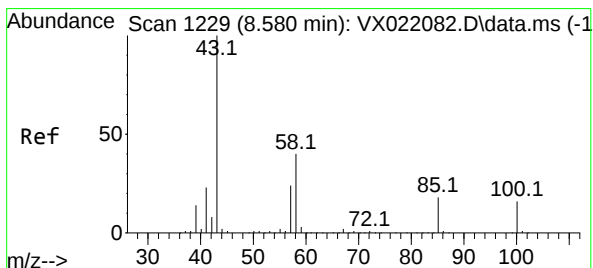
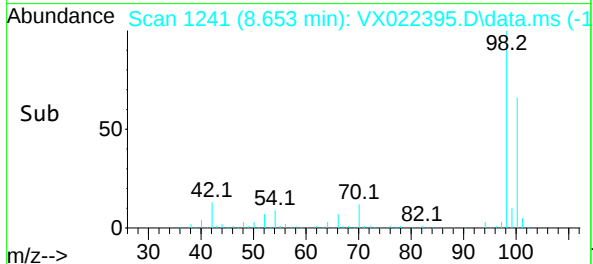
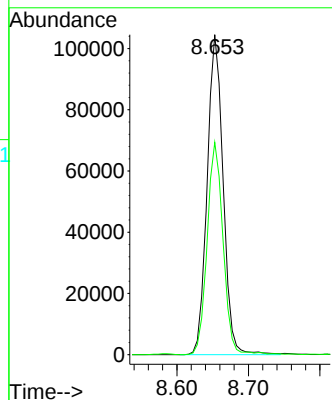
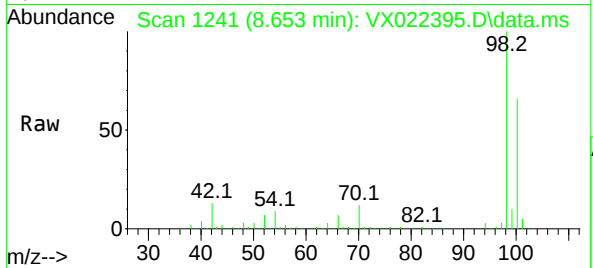




#50
Toluene-d8
Concen: 50.08 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

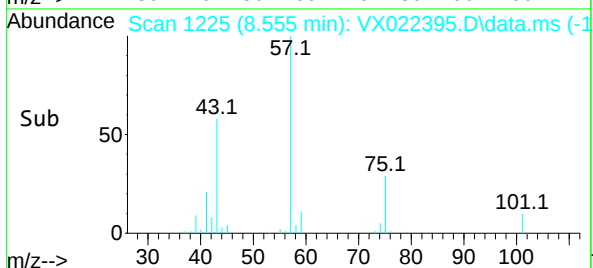
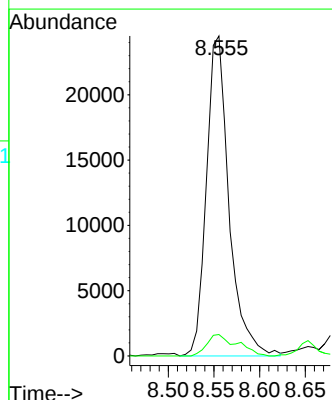
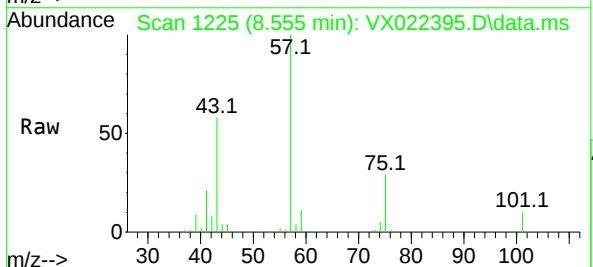
Instrument :
MSVOA_X
ClientSampled :

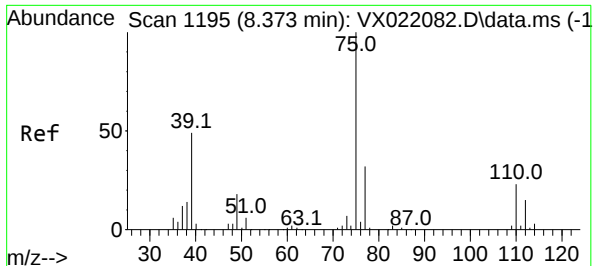
Tgt Ion: 98 Resp: 162342
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 28.58 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

Tgt Ion: 43 Resp: 42119
Ion Ratio Lower Upper
43 100
58 9.0 35.4 53.0#

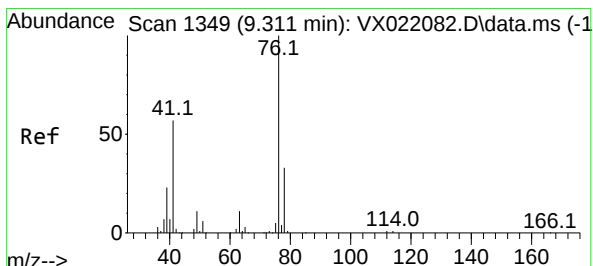
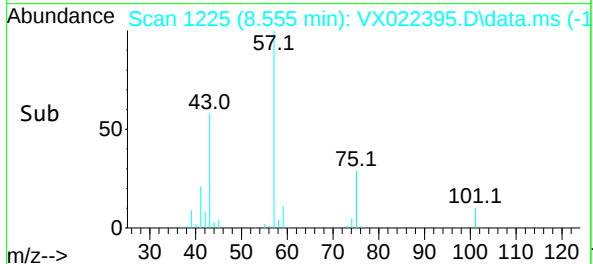
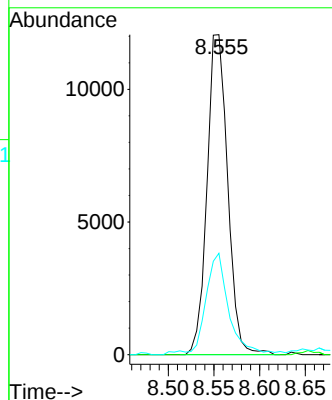
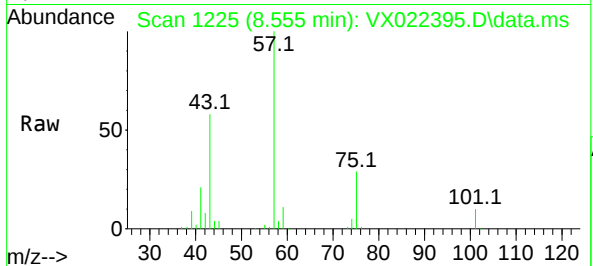




#54
cis-1,3-Dichloropropene
Concen: 11.65 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

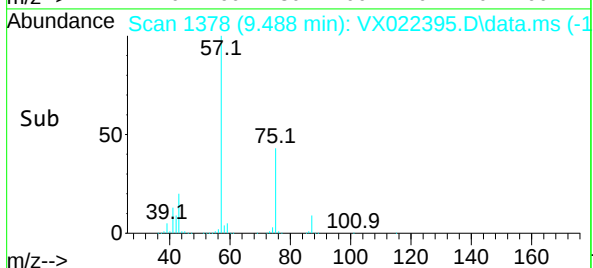
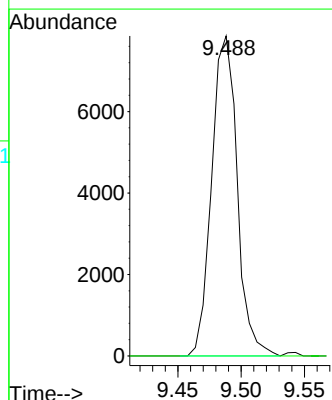
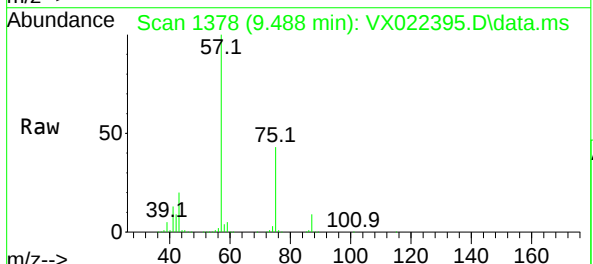
Instrument :
MSVOA_X
ClientSampled :

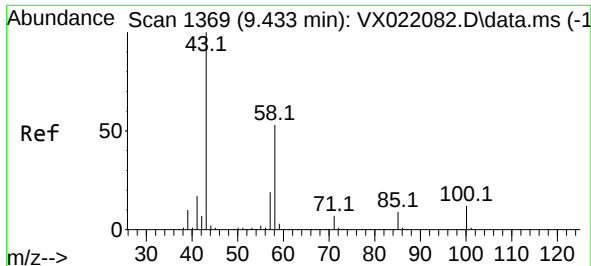
Tgt Ion: 75 Resp: 18911
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.7 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 6.65 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

Tgt Ion: 76 Resp: 11014
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

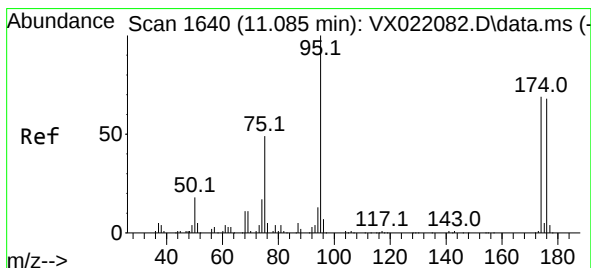
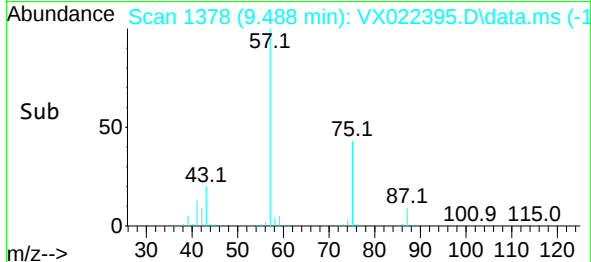
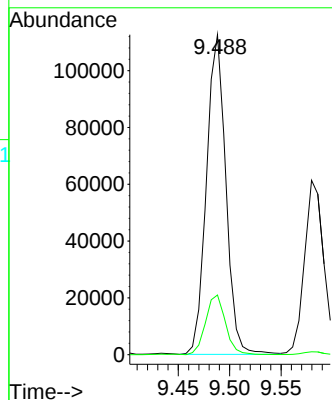
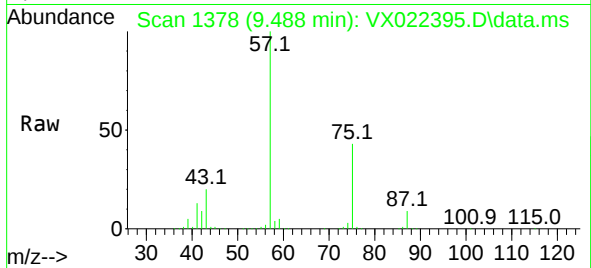




#59
2-Hexanone
Concen: 133.47 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

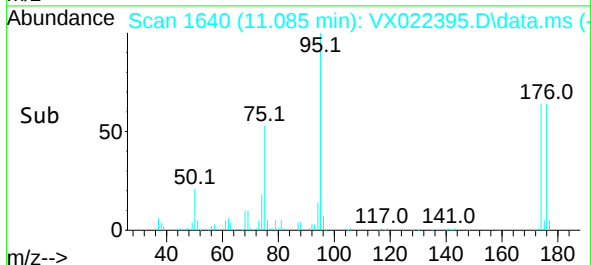
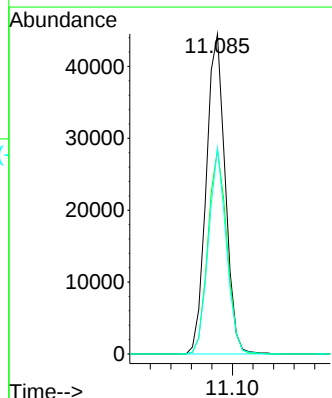
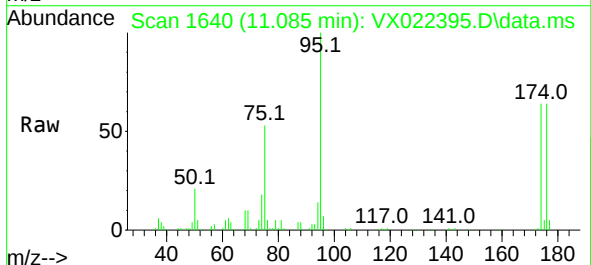
Instrument :
MSVOA_X
ClientSampled :

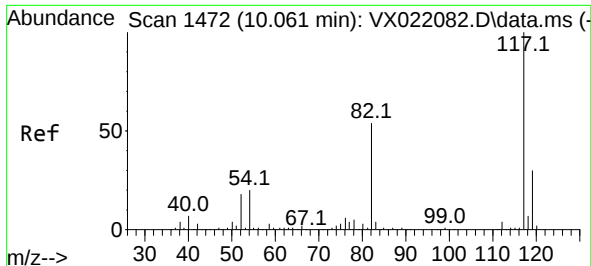
Tgt Ion: 43 Resp: 147964
Ion Ratio Lower Upper
43 100
58 19.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.53 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

Tgt Ion: 95 Resp: 56960
Ion Ratio Lower Upper
95 100
174 63.5 0.0 154.6
176 60.5 0.0 155.8

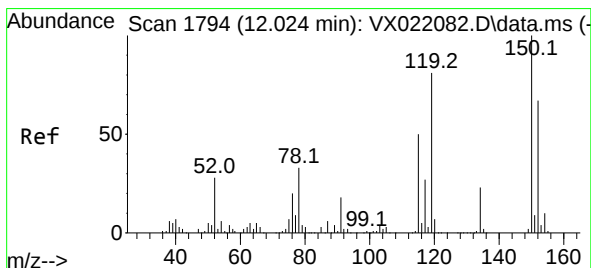
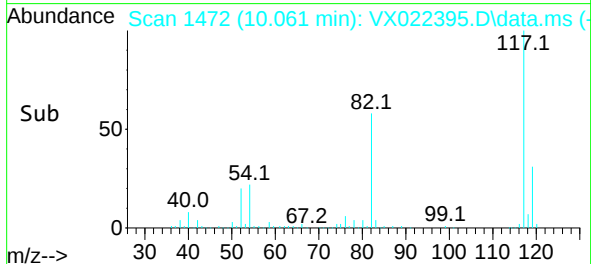
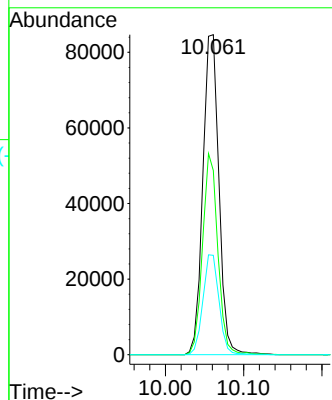
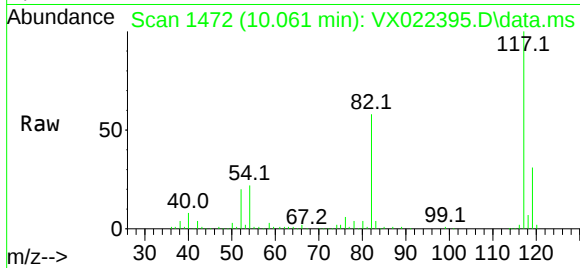




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

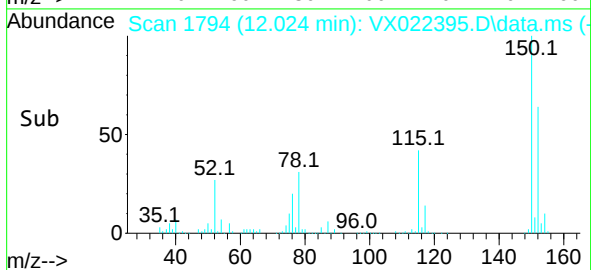
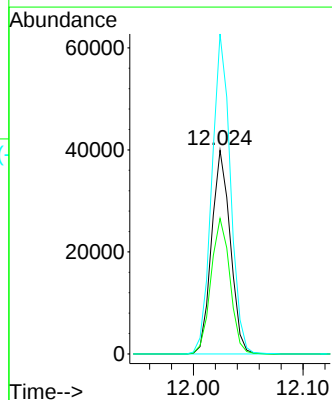
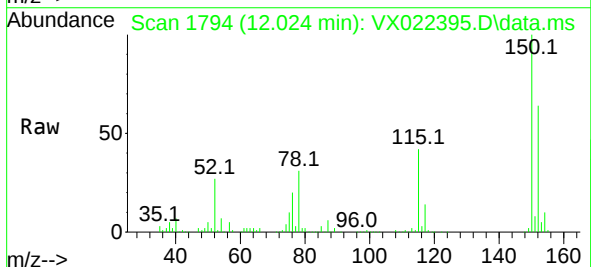
Instrument :
MSVOA_X
ClientSampled :

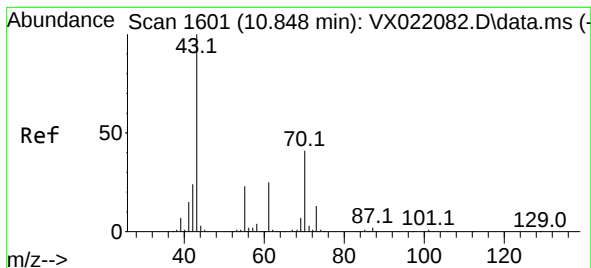
Tgt Ion:117 Resp: 120595
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

Tgt Ion:152 Resp: 47257
Ion Ratio Lower Upper
152 100
115 67.7 41.1 123.3
150 156.4 0.0 349.0

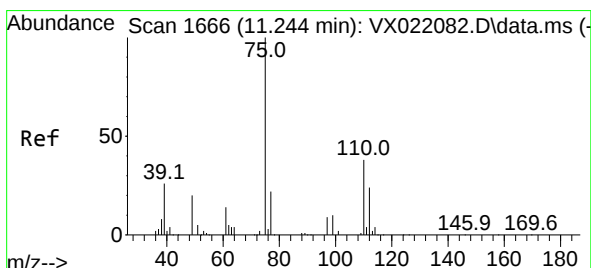
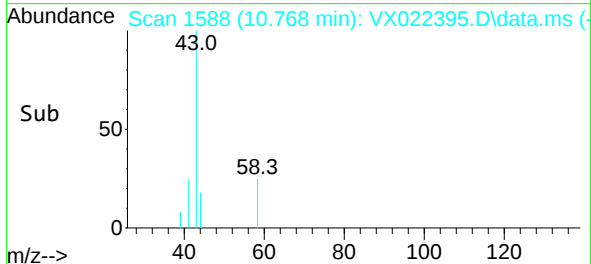
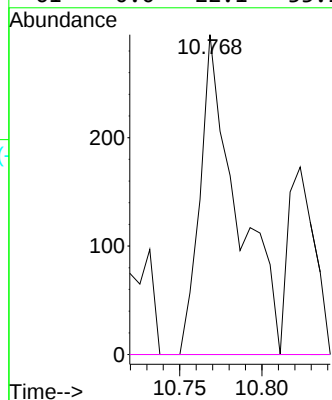
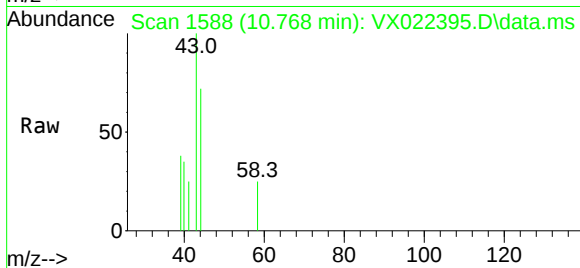




#74
N-amy1 acetate
Concen: 0.25 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

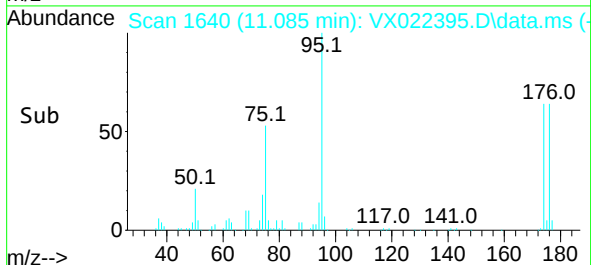
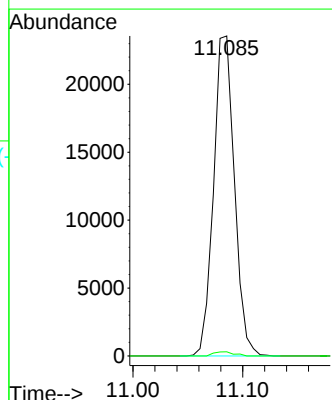
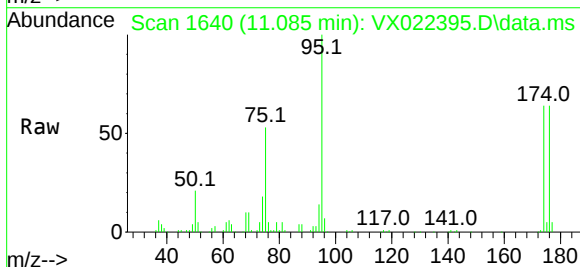
Instrument :
MSVOA_X
ClientSampled :

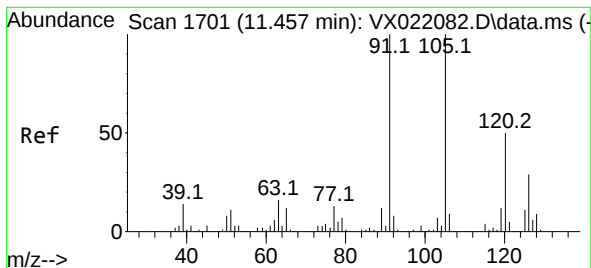
Tgt Ion: 43	Resp: 466
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.74 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

Tgt Ion: 75	Resp: 31180
Ion Ratio	Lower Upper
75 100	
77 1.3	19.1 57.5#

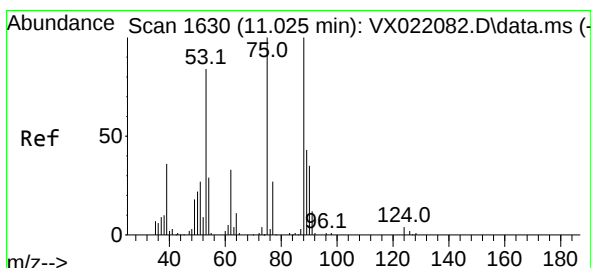
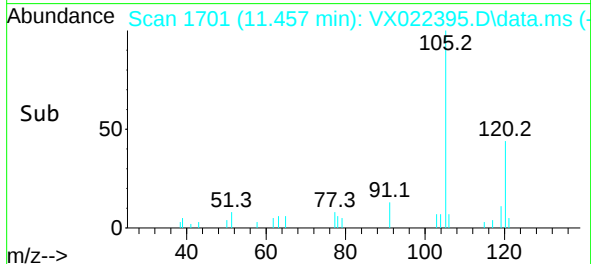
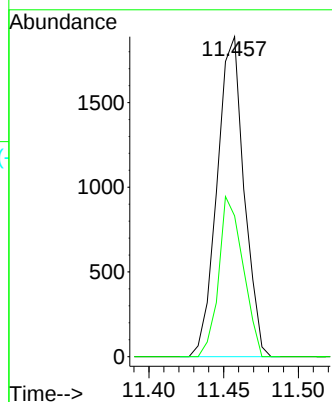
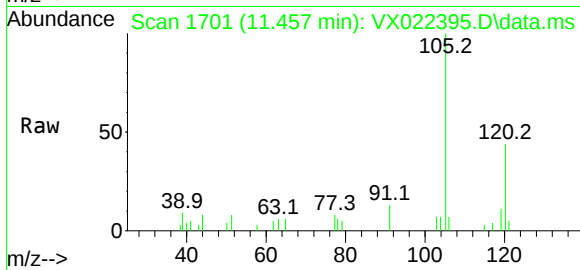




#80
1,3,5-Trimethylbenzene
Concen: 0.72 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 2371
Ion Ratio Lower Upper
105 100
120 44.9 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 63.37 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022395.D
Acq: 04 Jun 2021 02:59

Tgt Ion: 75 Resp: 31180
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

