

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022397.D
 Acq On : 04 Jun 2021 03:46
 Operator : JC/MD
 Sample : PB36780ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 05:41:39 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)

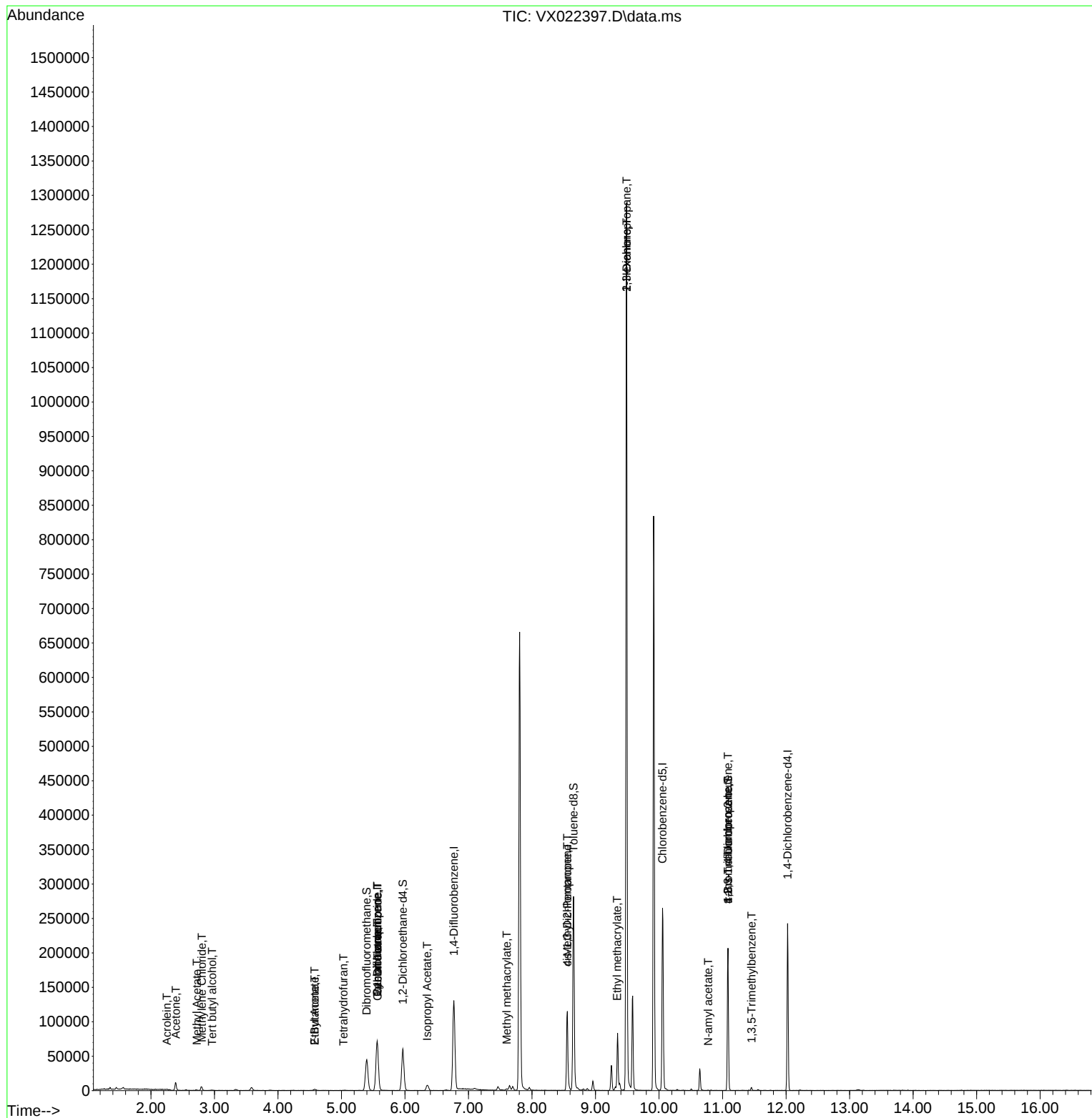
Internal Standards						
1) Pentafluorobenzene	5.562	168	60985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	130042	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53267	56.62	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.24%			
35) Dibromofluoromethane	5.397	113	38609	46.82	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.64%			
50) Toluene-d8	8.653	98	162039	51.01	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.02%			
62) 4-Bromofluorobenzene	11.085	95	56486	48.11	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.22%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	504	2.34	ug/l #	73
13) Acrolein	2.252	56	78	0.55	ug/l #	14
16) Acetone	2.392	43	11813	28.84	ug/l	91
18) Methyl Acetate	2.721	43	1406	1.29	ug/l #	74
20) Methylene Chloride	2.800	84	2379	2.62	ug/l	94
25) 2-Butanone	4.574	43	2933	4.43	ug/l	89
29) Tetrahydrofuran	5.032	42	469	1.19	ug/l #	36
31) Cyclohexane	5.562	56	1814	1.53	ug/l #	18
36) 1,1-Dichloropropene	5.562	75	5852	4.87	ug/l #	48
37) Ethyl Acetate	4.574	43	2933	1.99	ug/l #	64
38) Carbon Tetrachloride	5.568	117	6757	5.74	ug/l #	17
43) Isopropyl Acetate	6.348	43	11283	4.68	ug/l #	91
48) Methyl methacrylate	7.604	41	3337	3.00	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	40713	28.19	ug/l #	46
54) cis-1,3-Dichloropropene	8.555	75	18610	11.70	ug/l #	62
56) Ethyl methacrylate	9.342	69	312	0.20	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	10164	6.26	ug/l #	42
59) 2-Hexanone	9.488	43	144156	132.71	ug/l #	45
74) N-amyl acetate	10.774	43	454	0.26	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	28877	27.14	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.457	105	2301	0.76	ug/l	90
81) trans-1,4-Dichloro-2-b...	11.085	75	28877	64.29	ug/l #	12

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

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 04 05:41:39 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

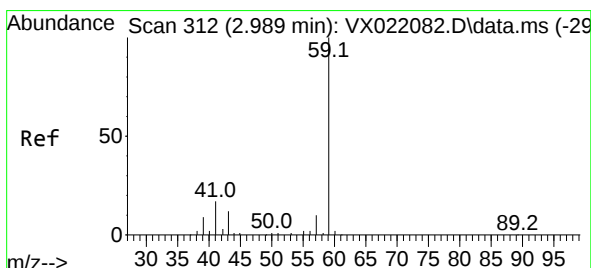
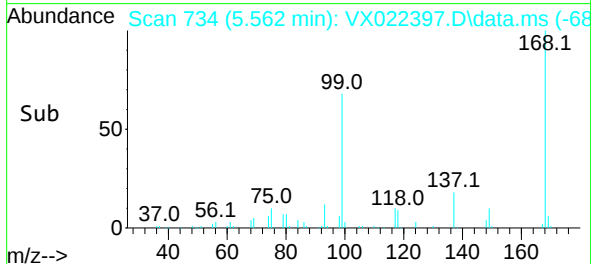
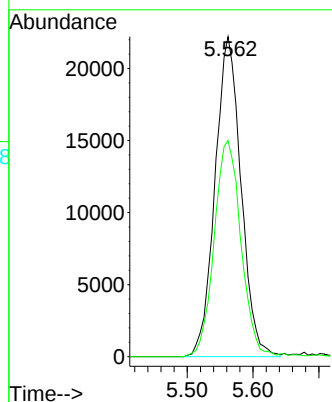
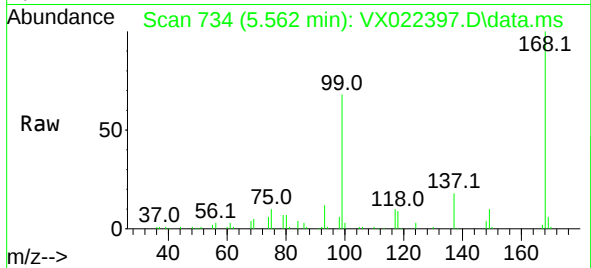




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

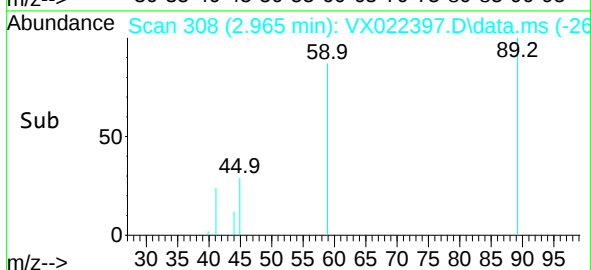
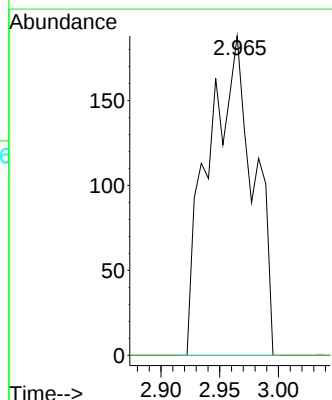
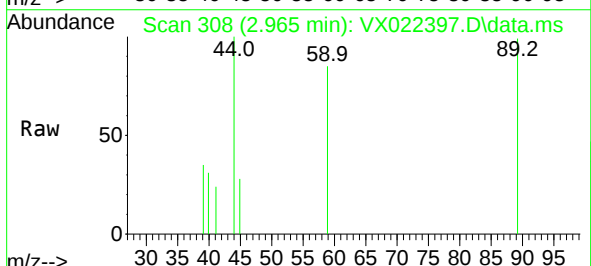
Instrument :
MSVOA_X
ClientSampleId :

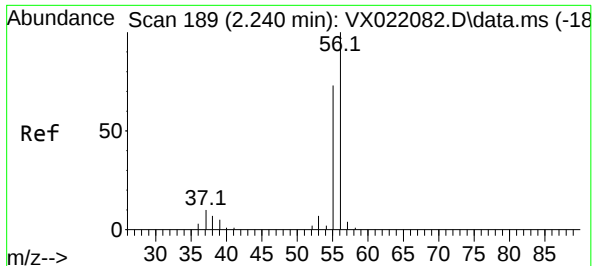
Tgt Ion:168 Resp: 60985
Ion Ratio Lower Upper
168 100
99 67.5 45.8 68.6



#11
Tert butyl alcohol
Concen: 2.34 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

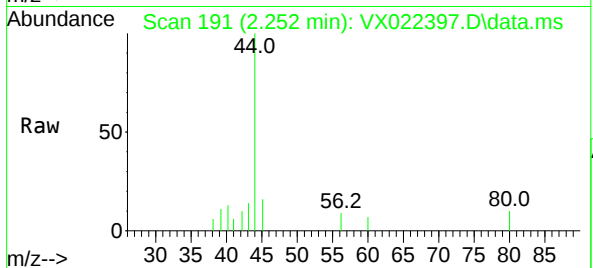
Tgt Ion: 59 Resp: 504
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



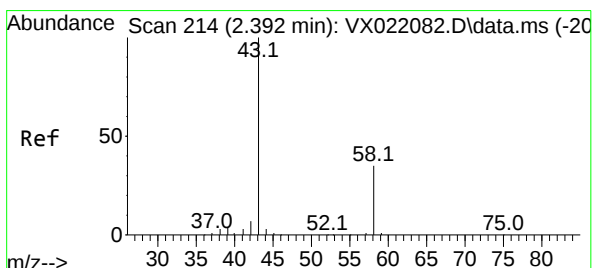
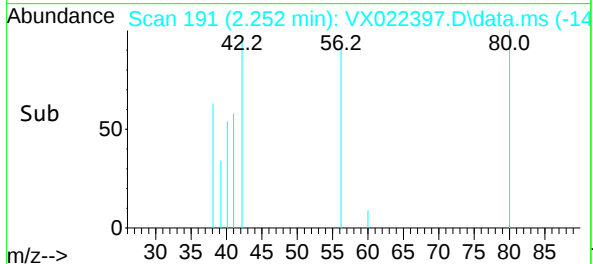
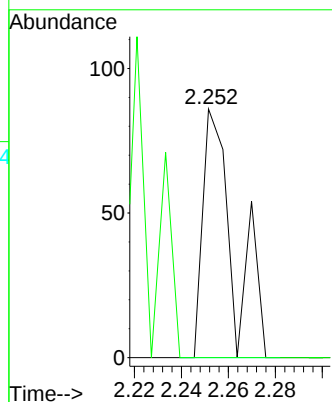


#13
Acrolein
Concen: 0.55 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.012 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

Instrument :
MSVOA_X
ClientSampled :

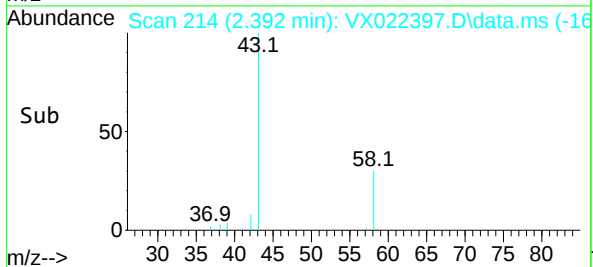
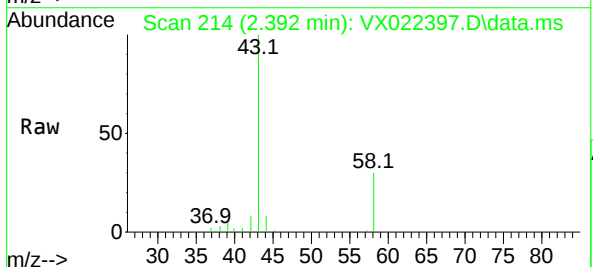
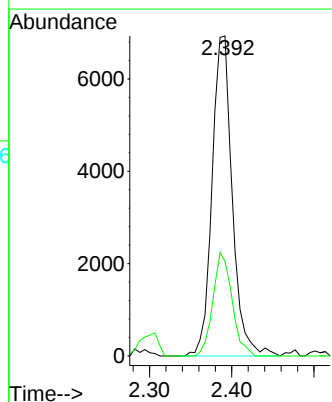


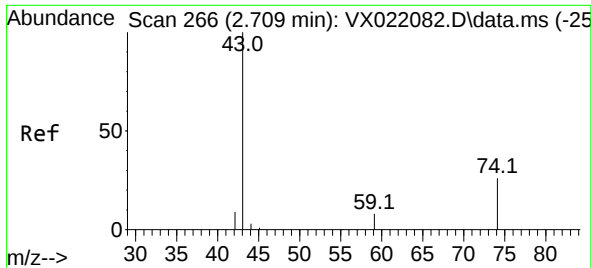
Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 28.84 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

Tgt Ion: 43 Resp: 11813
Ion Ratio Lower Upper
43 100
58 29.6 27.8 41.8

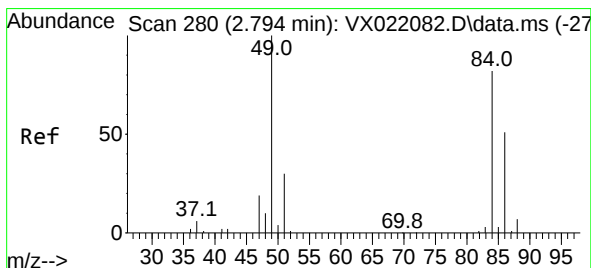
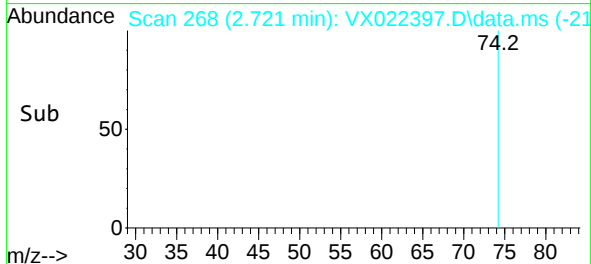
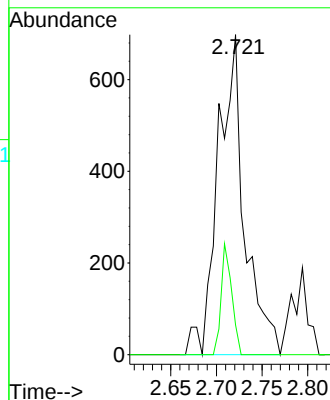
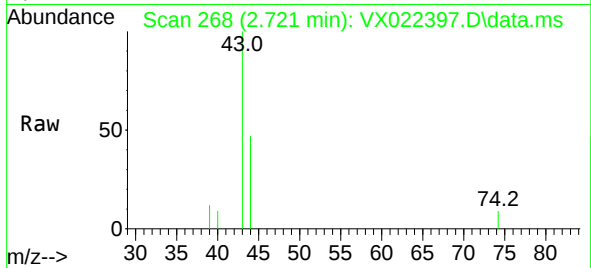




#18
Methyl Acetate
Concen: 1.29 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

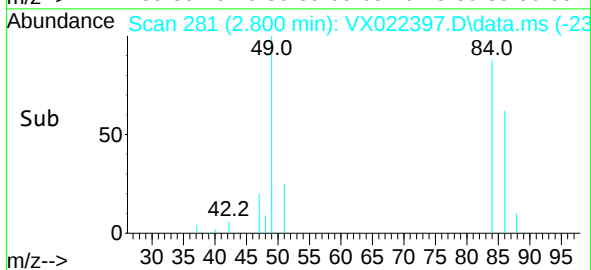
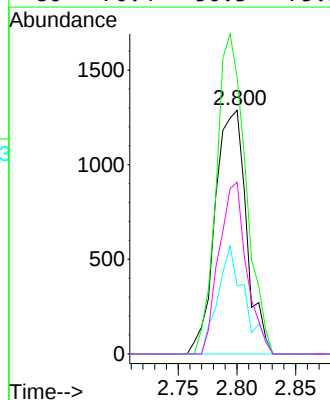
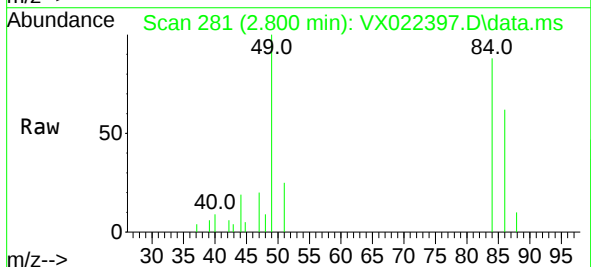
Instrument :
MSVOA_X
ClientSampled :

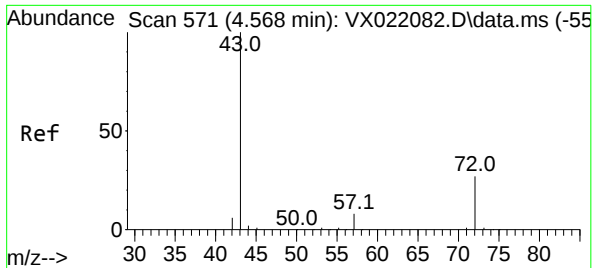
Tgt Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
74 13.8 21.9 32.9#



#20
Methylene Chloride
Concen: 2.62 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

Tgt Ion: 84 Resp: 2379
Ion Ratio Lower Upper
84 100
49 113.4 88.6 132.8
51 28.0 27.0 40.6
86 70.4 50.3 75.5





#25

2-Butanone

Concen: 4.43 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022397.D

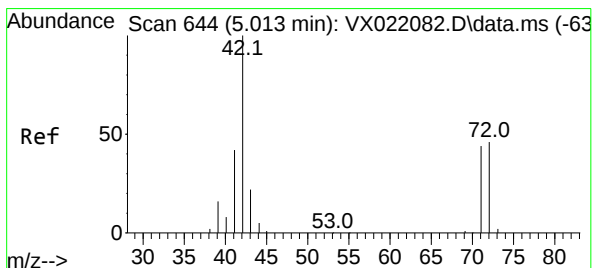
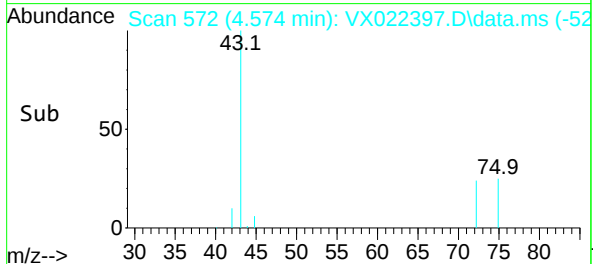
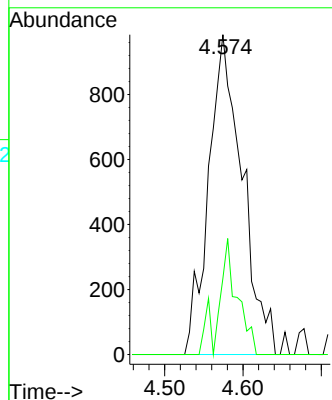
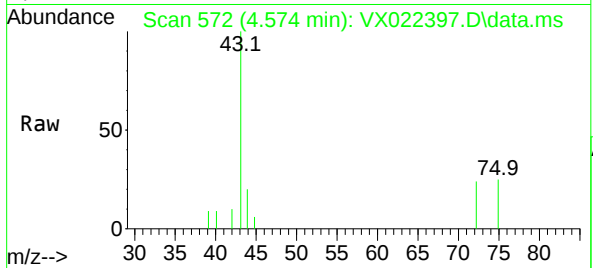
Acq: 04 Jun 2021 03:46

Tgt Ion: 43 Resp: 2933

Ion Ratio Lower Upper

43 100

72 23.9 23.7 35.5



#29

Tetrahydrofuran

Concen: 1.19 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.019 min

Lab File: VX022397.D

Acq: 04 Jun 2021 03:46

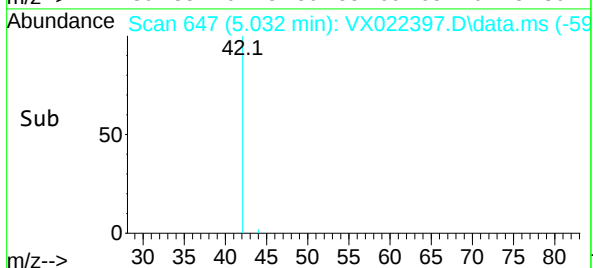
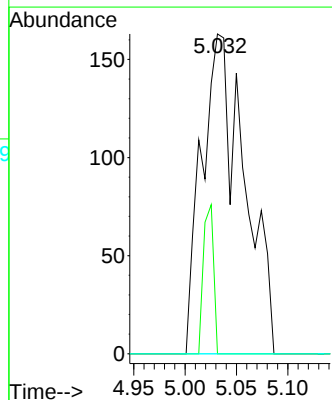
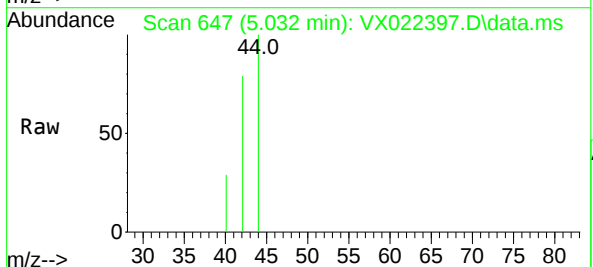
Tgt Ion: 42 Resp: 469

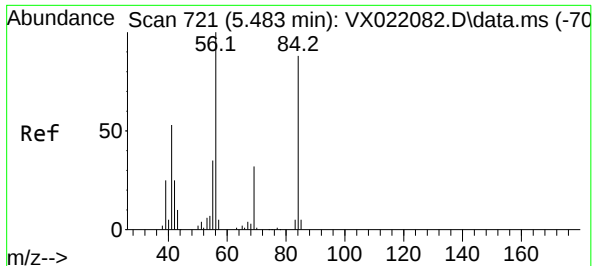
Ion Ratio Lower Upper

42 100

72 11.1 41.7 62.5#

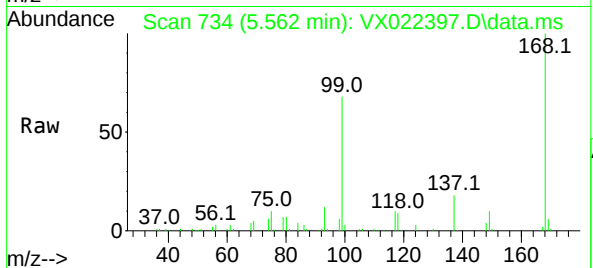
71 0.0 38.4 57.6#



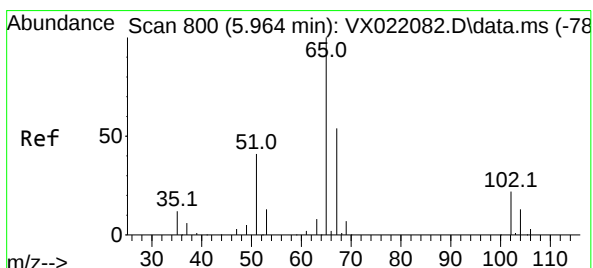
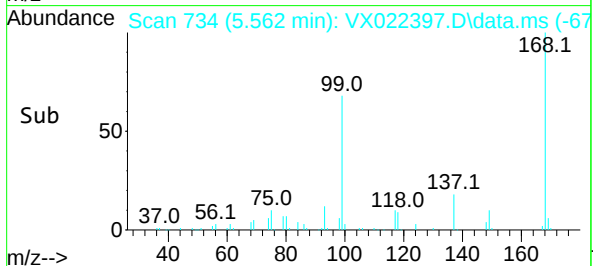
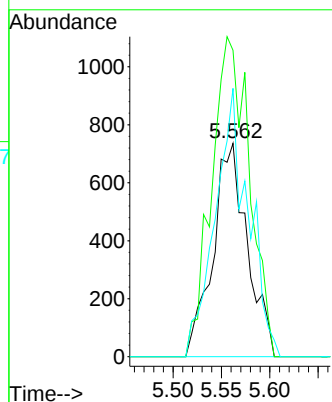


#31
Cyclohexane
Concen: 1.53 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

Instrument :
MSVOA_X
ClientSampleId :

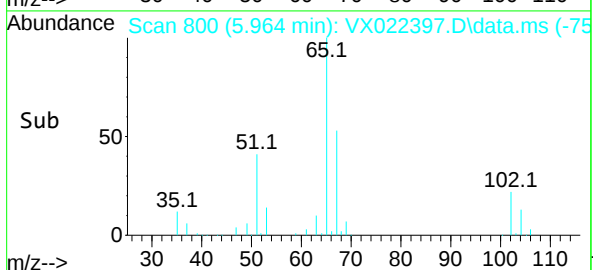
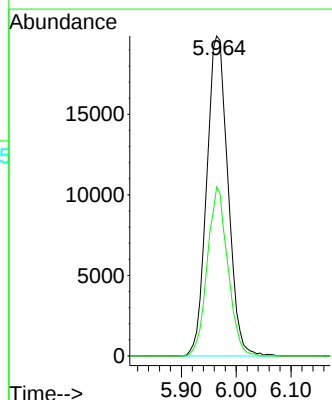
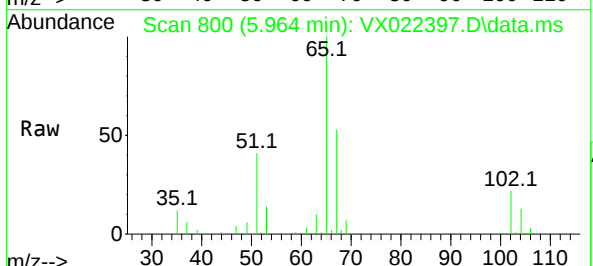


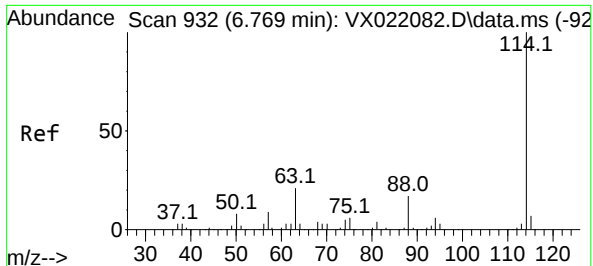
Tgt Ion: 56 Resp: 1814
Ion Ratio Lower Upper
56 100
69 143.6 25.3 37.9#
84 125.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 56.62 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

Tgt Ion: 65 Resp: 53267
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

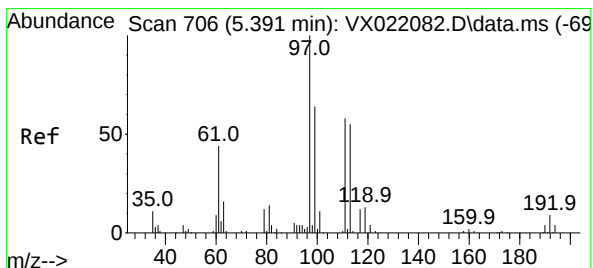
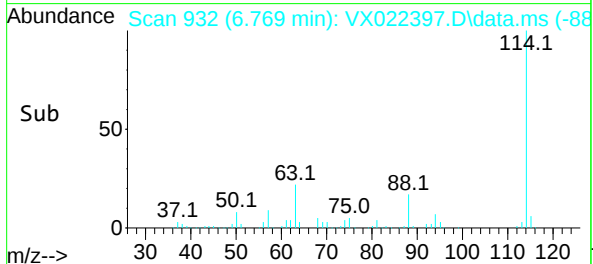
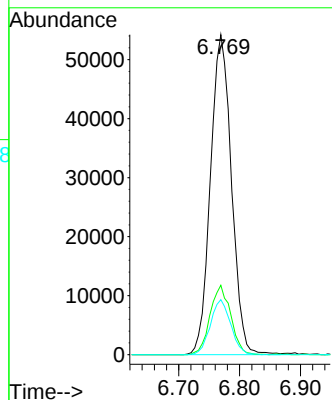
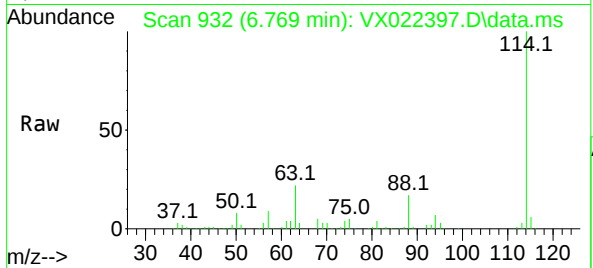




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

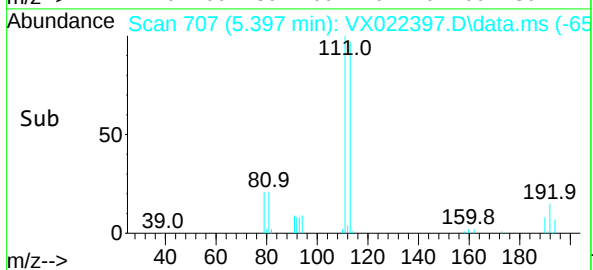
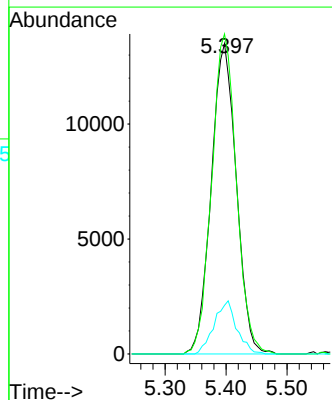
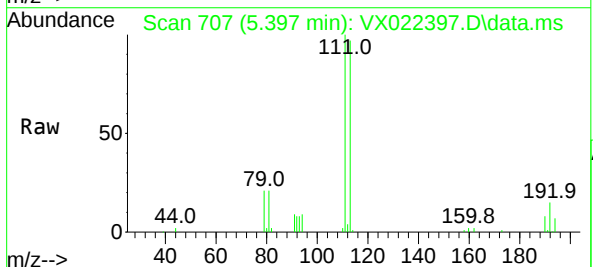
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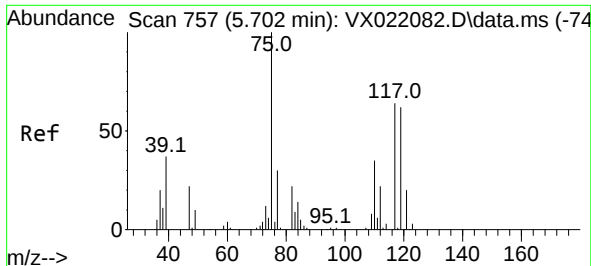
Tgt Ion:114 Resp: 130042
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.82 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

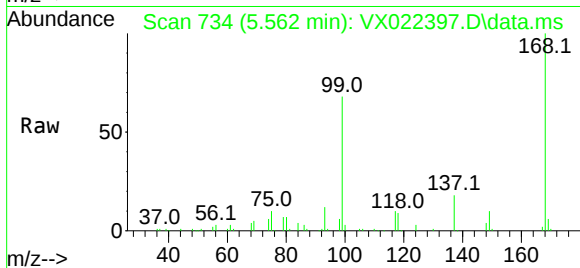
Tgt Ion:113 Resp: 38609
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 15.4 16.7 25.1#



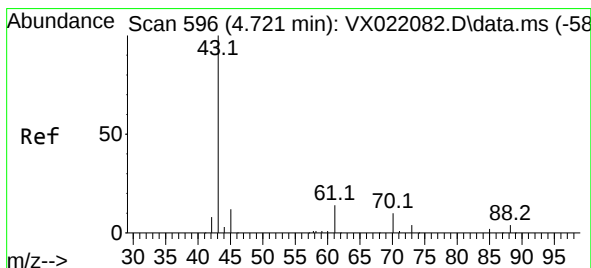
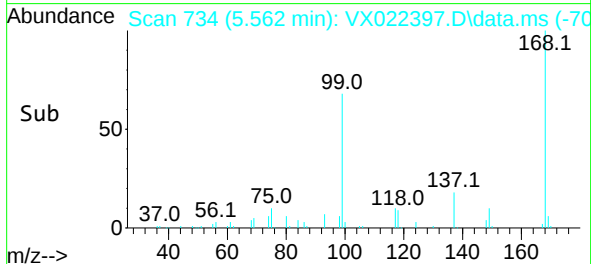
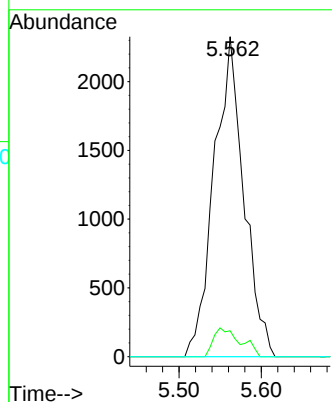


#36
1,1-Dichloropropene
Concen: 4.87 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

Instrument :
MSVOA_X
ClientSampled :

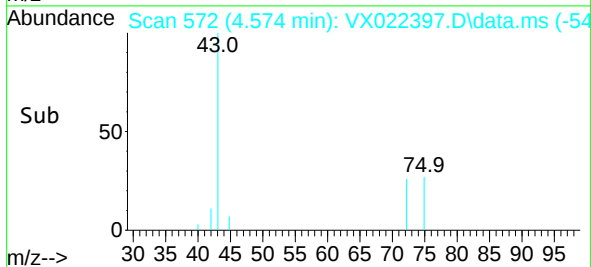
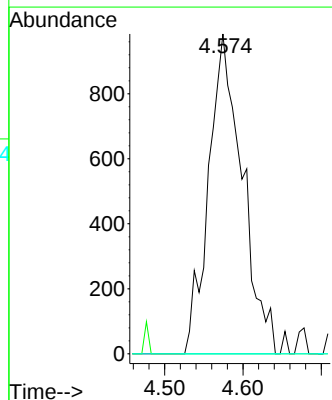
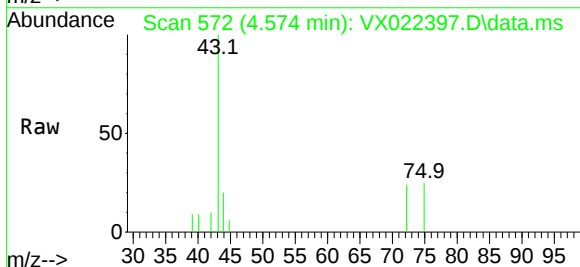


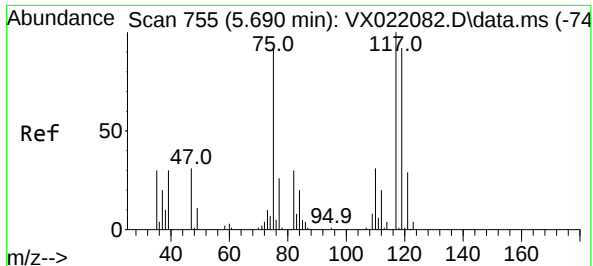
Tgt Ion: 75 Resp: 5852
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 1.99 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.147 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

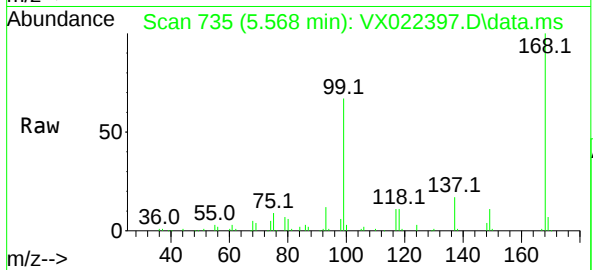
Tgt Ion: 43 Resp: 2933
Ion Ratio Lower Upper
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61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



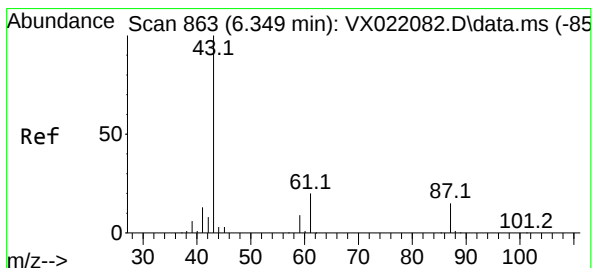
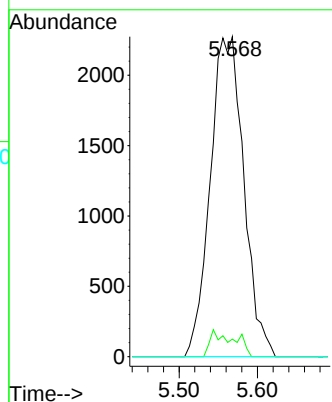
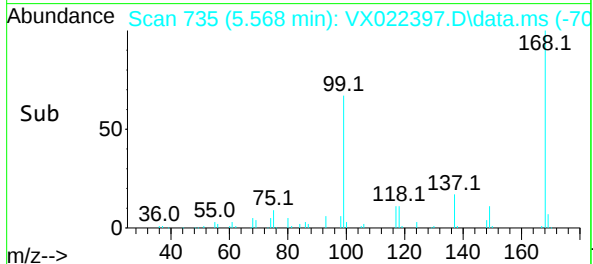


#38
Carbon Tetrachloride
Concen: 5.74 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

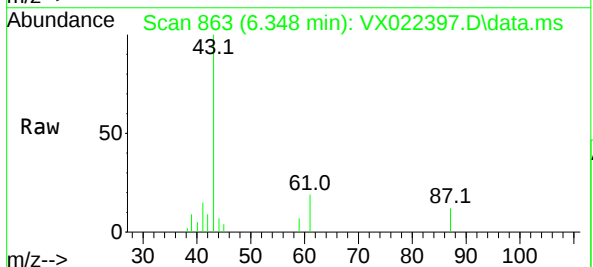
Instrument :
MSVOA_X
ClientSampled :



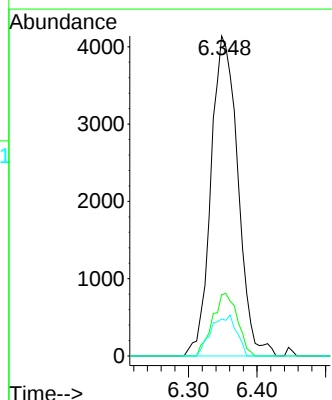
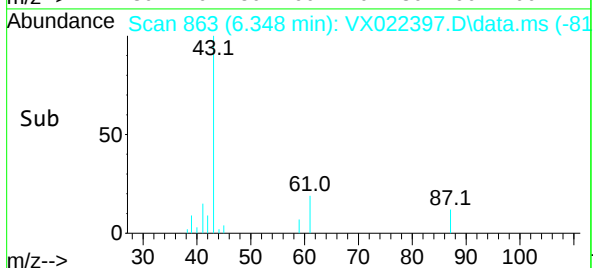
Tgt Ion:117 Resp: 6757
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

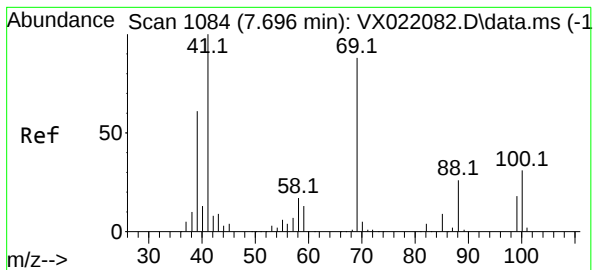


#43
Isopropyl Acetate
Concen: 4.68 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46



Tgt Ion: 43 Resp: 11283
Ion Ratio Lower Upper
43 100
61 18.1 18.2 27.4#
87 11.9 12.5 18.7#





#48

Methyl methacrylate

Concen: 3.00 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. -0.092 min

Lab File: VX022397.D

Acq: 04 Jun 2021 03:46

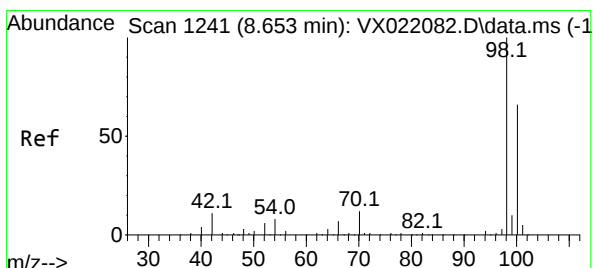
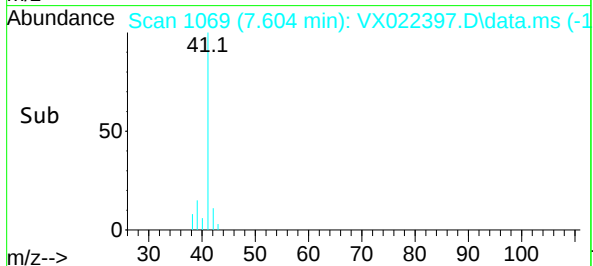
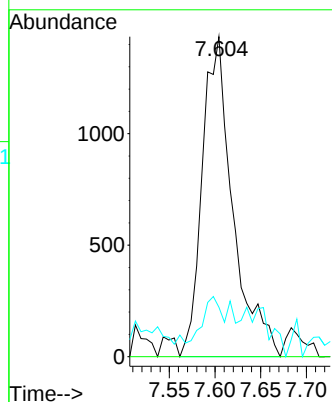
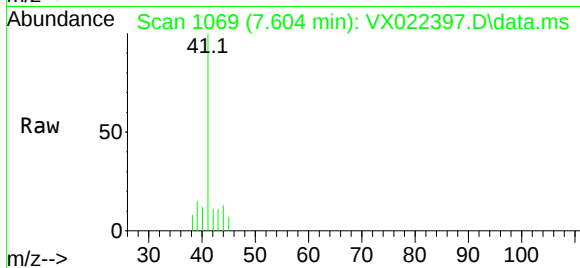
Tgt Ion: 41 Resp: 3337

Ion Ratio Lower Upper

41 100

69 0.0 76.0 114.0#

39 0.0 44.6 67.0#



#50

Toluene-d8

Concen: 51.01 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022397.D

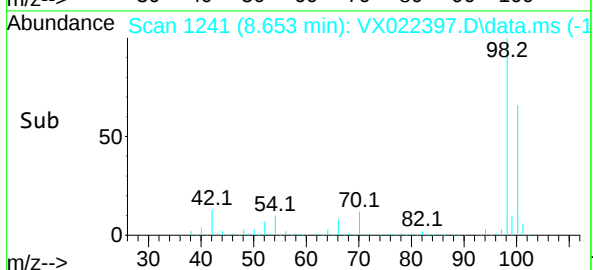
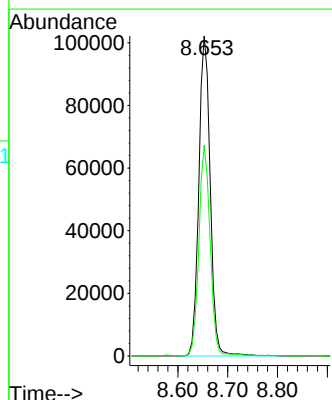
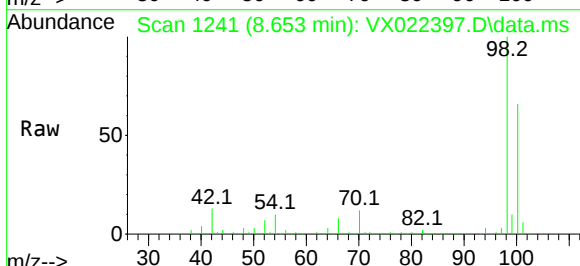
Acq: 04 Jun 2021 03:46

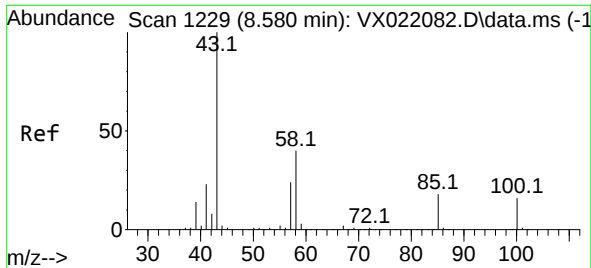
Tgt Ion: 98 Resp: 162039

Ion Ratio Lower Upper

98 100

100 65.4 51.9 77.9

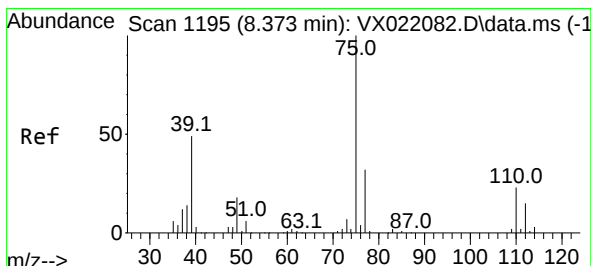
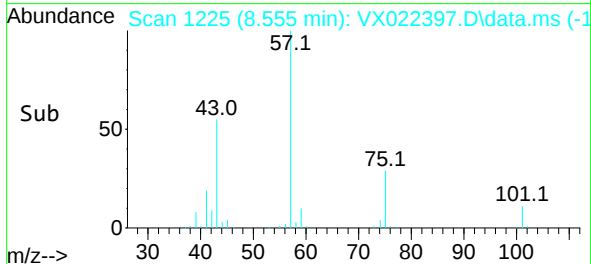
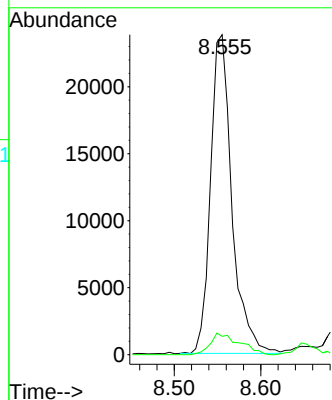
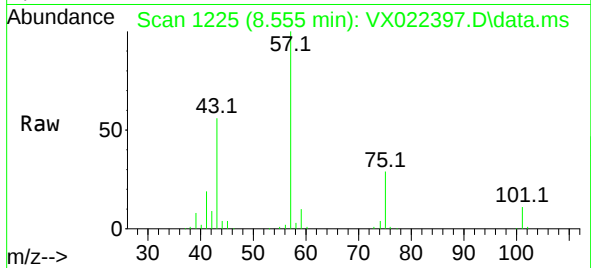




#51
4-Methyl-2-Pentanone
Concen: 28.19 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

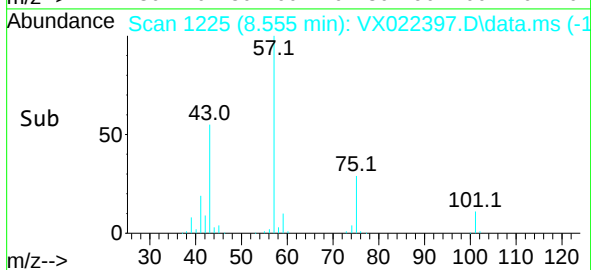
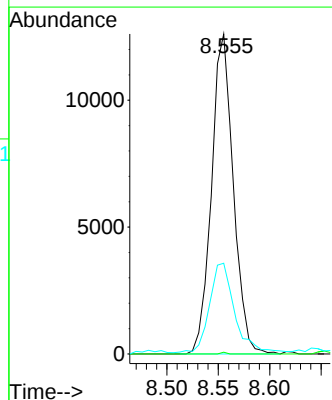
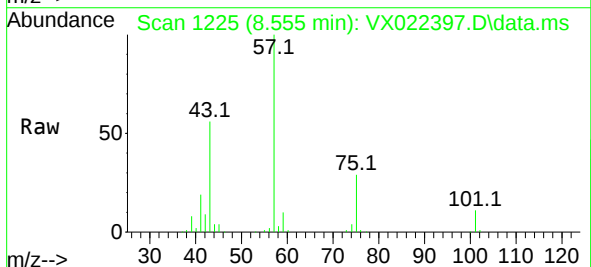
Instrument :
MSVOA_X
ClientSampled :

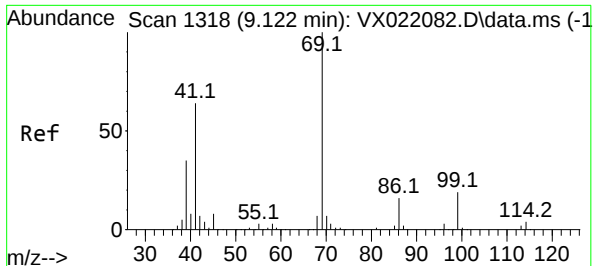
Tgt Ion: 43 Resp: 40713
Ion Ratio Lower Upper
43 100
58 9.2 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.70 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

Tgt Ion: 75 Resp: 18610
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 27.7 35.1 52.7#

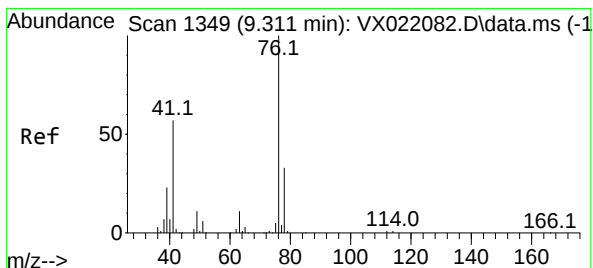
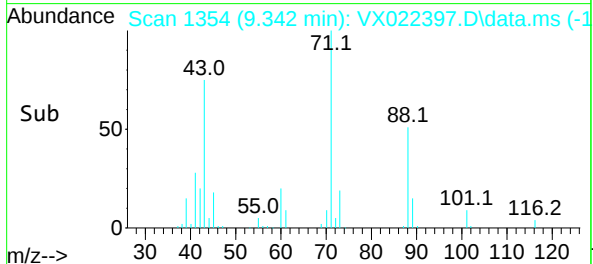
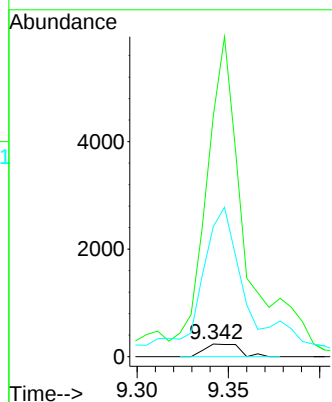
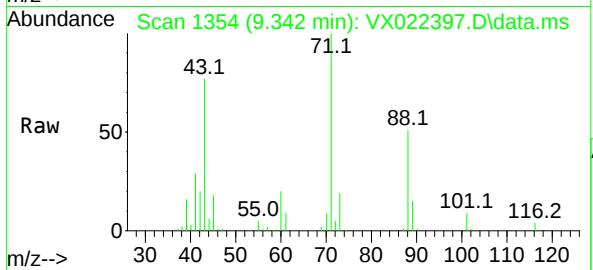




#56
Ethyl methacrylate
Concen: 0.20 ug/l
RT: 9.342 min Scan# 1354
Delta R.T. 0.220 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

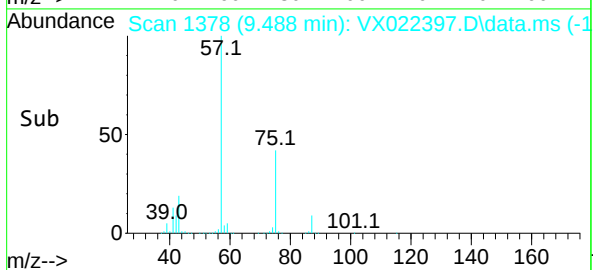
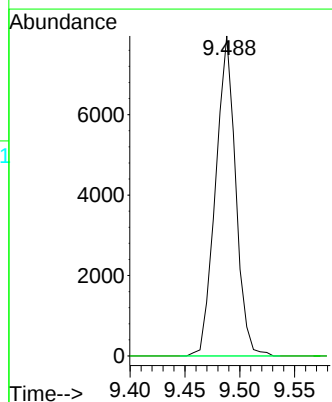
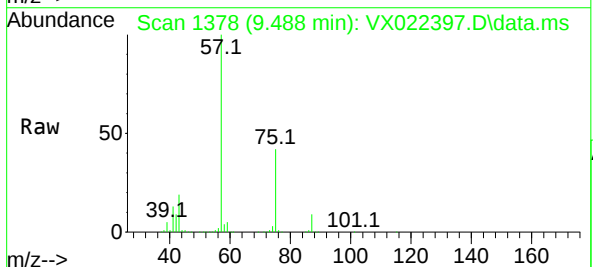
Instrument :
MSVOA_X
ClientSampleId :

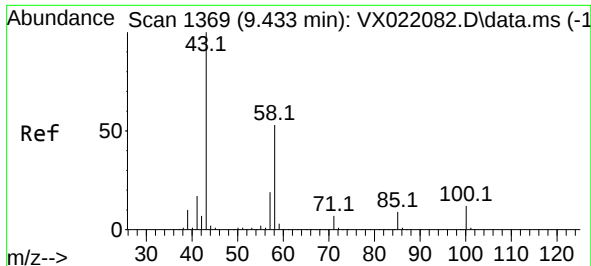
Tgt Ion: 69 Resp: 312
Ion Ratio Lower Upper
69 100
41 2851.3 46.8 70.2#
39 1506.1 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 6.26 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

Tgt Ion: 76 Resp: 10164
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

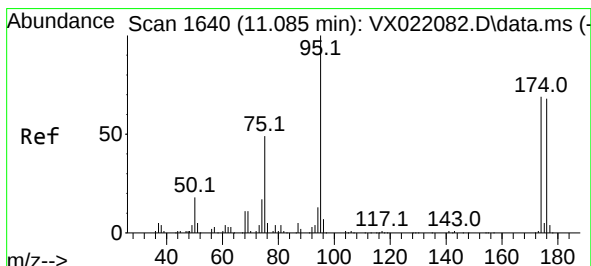
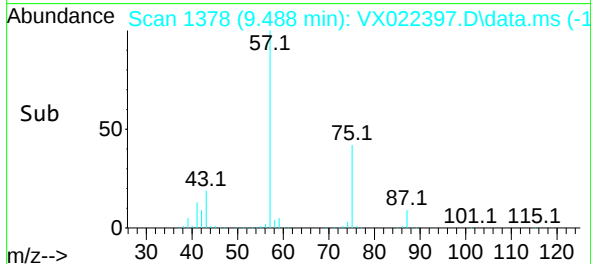
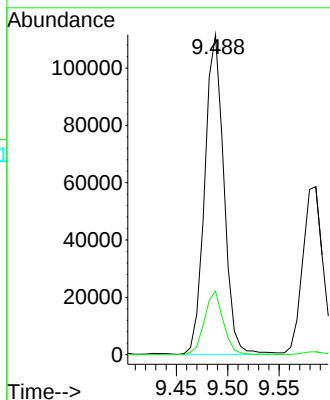
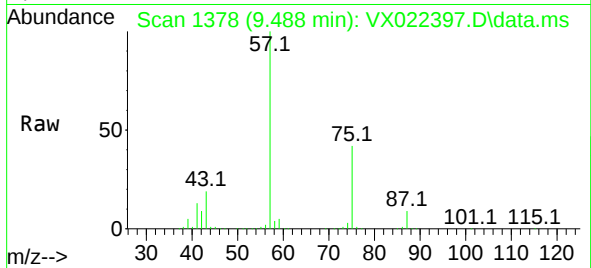




#59
2-Hexanone
Concen: 132.71 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

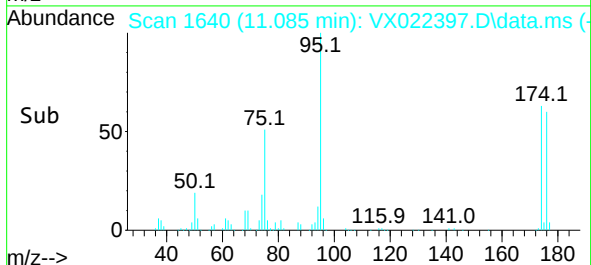
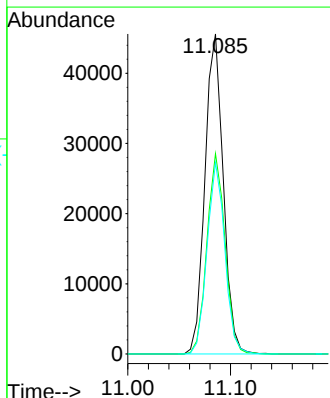
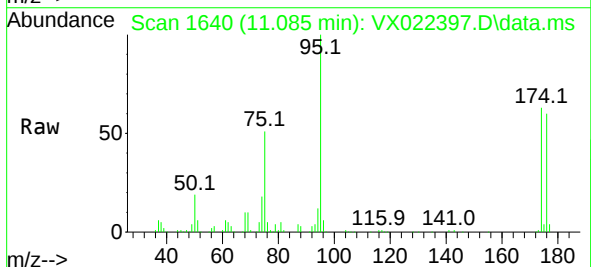
Instrument :
MSVOA_X
ClientSampled :

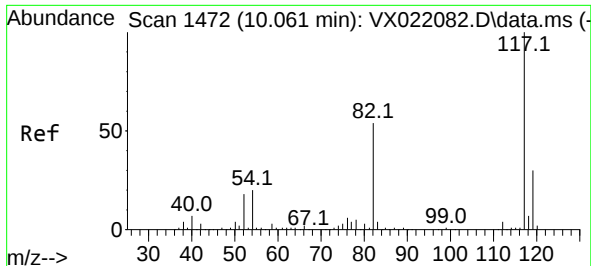
Tgt Ion: 43 Resp: 144156
Ion Ratio Lower Upper
43 100
58 19.8 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.11 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

Tgt Ion: 95 Resp: 56486
Ion Ratio Lower Upper
95 100
174 61.9 0.0 154.6
176 58.0 0.0 155.8

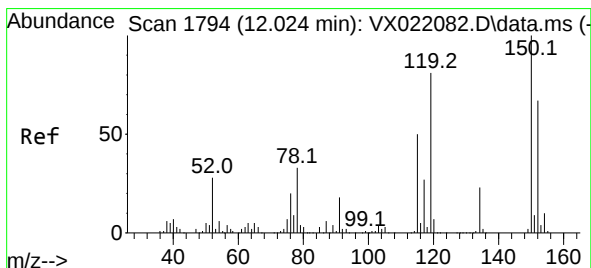
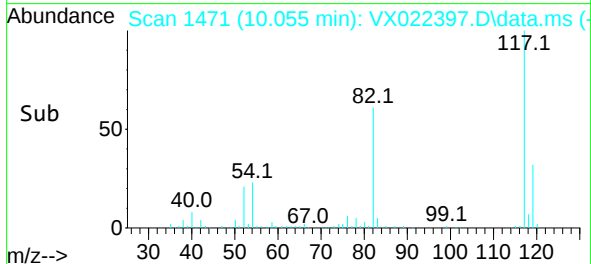
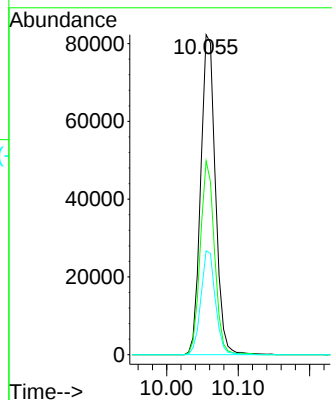
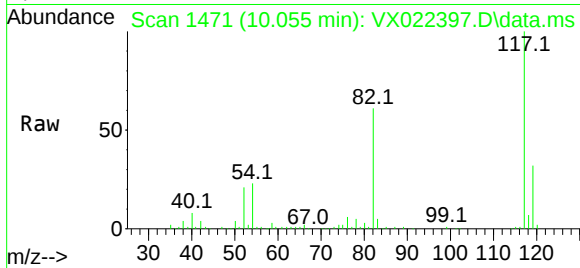




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

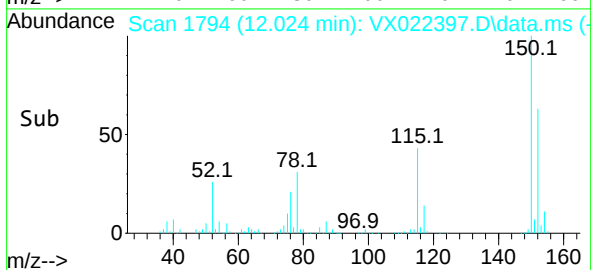
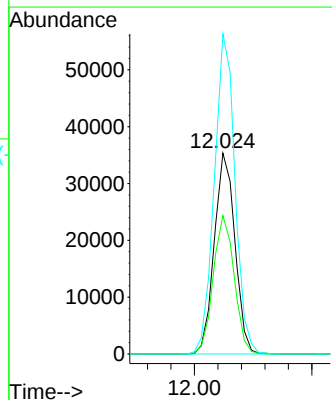
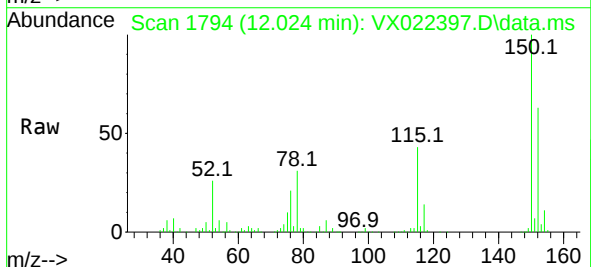
Instrument :
MSVOA_X
ClientSampled :

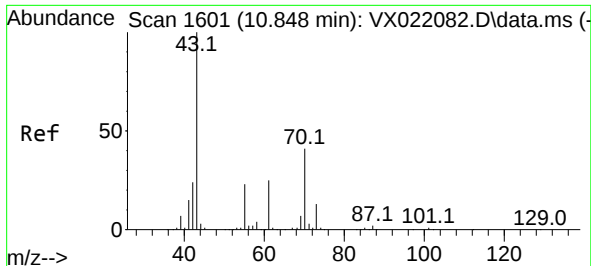
Tgt Ion:117 Resp: 117511
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

Tgt Ion:152 Resp: 43136
Ion Ratio Lower Upper
152 100
115 69.7 41.1 123.3
150 159.2 0.0 349.0

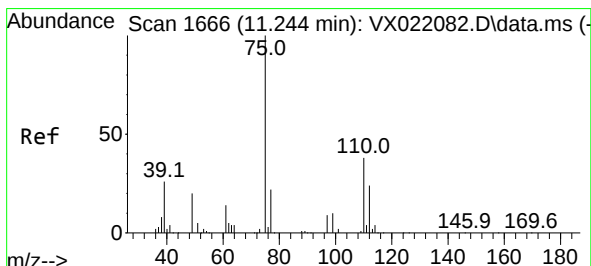
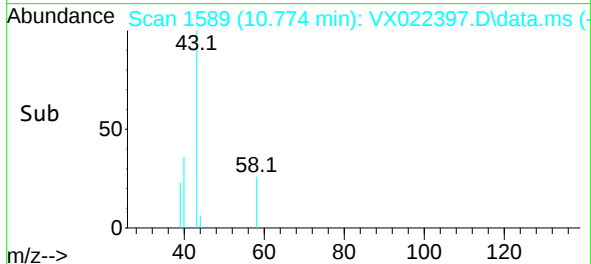
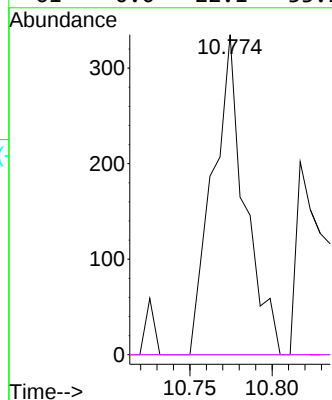
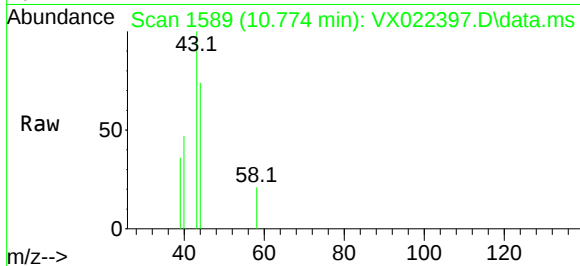




#74
N-amy1 acetate
Concen: 0.26 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

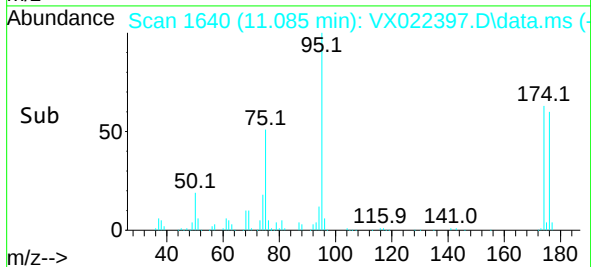
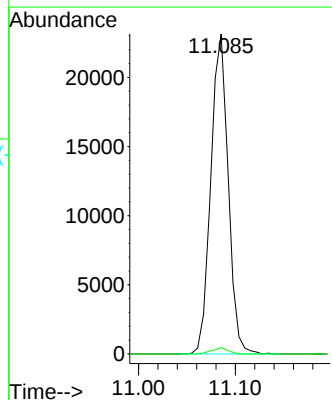
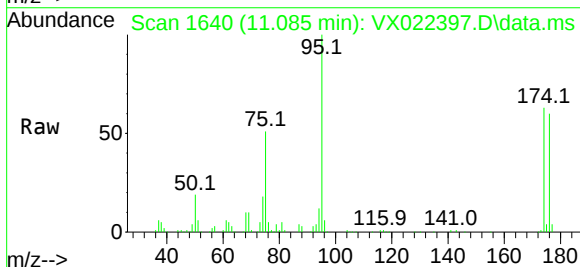
Instrument :
MSVOA_X
ClientSampled :

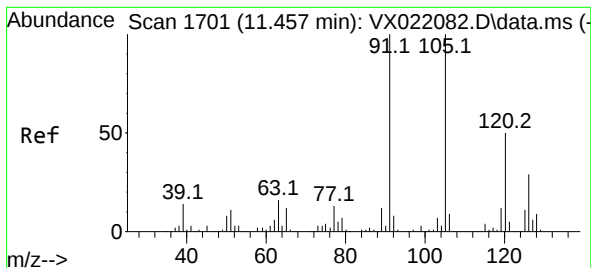
Tgt Ion: 43	Resp: 454
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 27.14 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

Tgt Ion: 75	Resp: 28877
Ion Ratio	Lower Upper
75 100	
77 1.8	19.1 57.5#

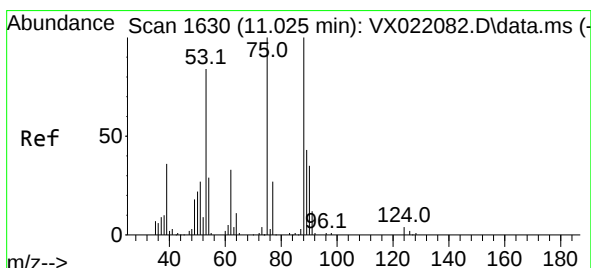
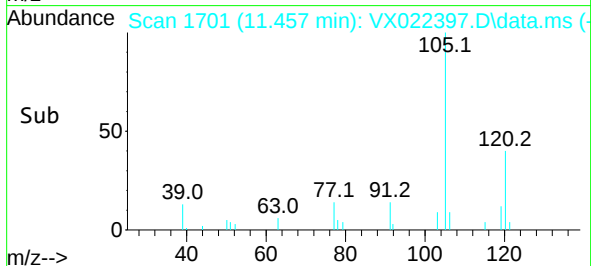
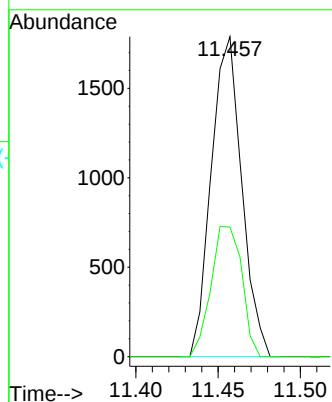
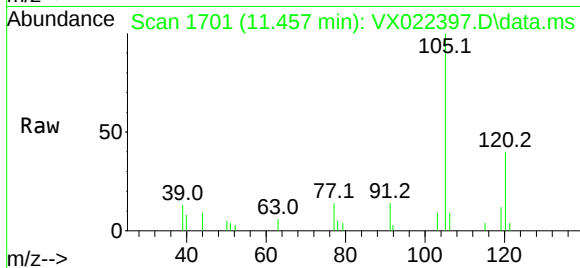




#80
1,3,5-Trimethylbenzene
Concen: 0.76 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 2301
Ion Ratio Lower Upper
105 100
120 41.2 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 64.29 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022397.D
Acq: 04 Jun 2021 03:46

Tgt Ion: 75 Resp: 28877
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

