

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022306.D
 Acq On : 01 Jun 2021 21:18
 Operator : JC/MD
 Sample : M2560-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S1-B-TOP

Quant Time: Jun 02 03:25:57 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)

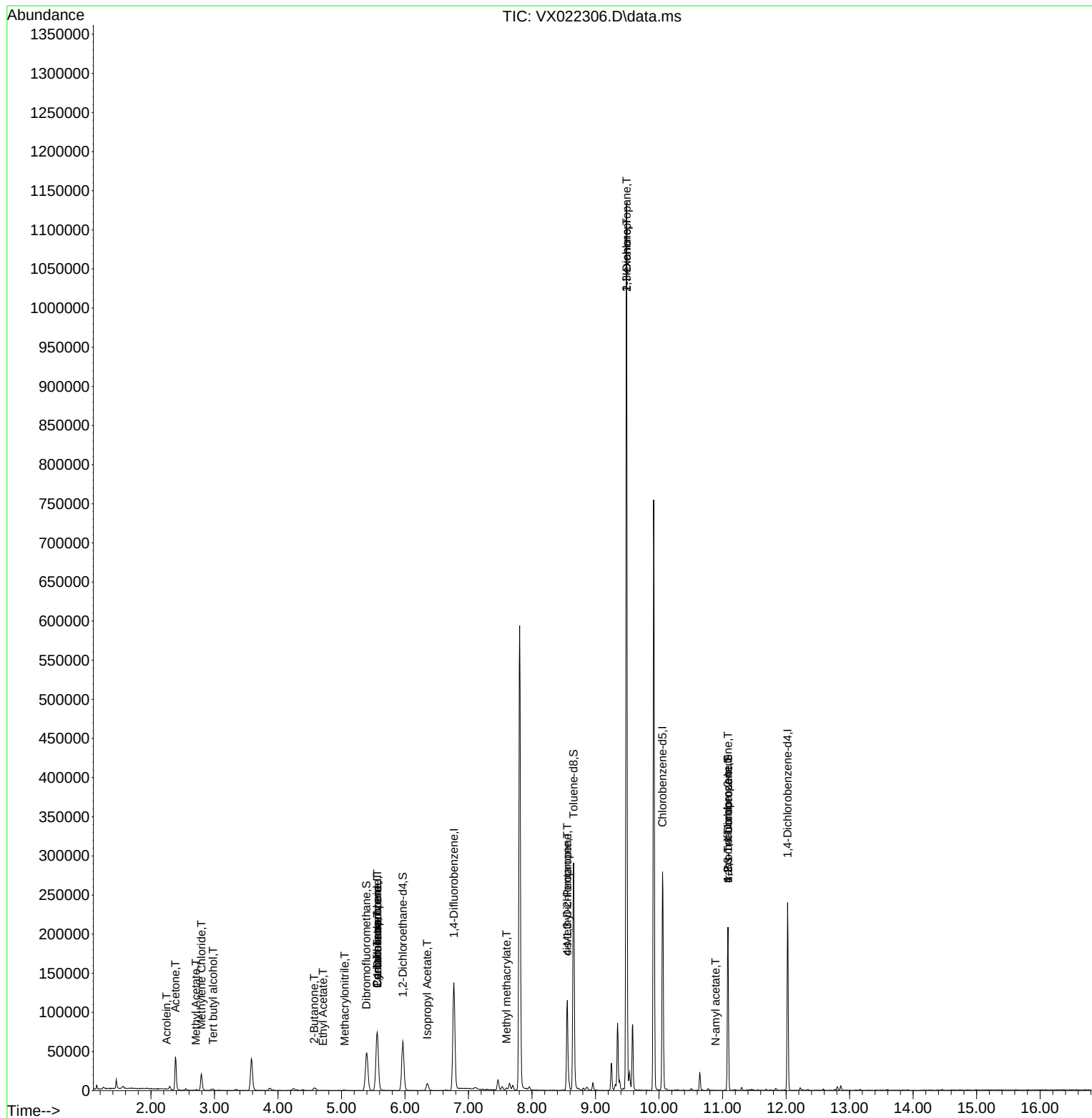
Internal Standards						
1) Pentafluorobenzene	5.562	168	64080	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	137042	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55469	56.12	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.24%			
35) Dibromofluoromethane	5.391	113	41160	47.36	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.72%			
50) Toluene-d8	8.653	98	171041	51.09	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.18%			
62) 4-Bromofluorobenzene	11.085	95	56271	45.48	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.96%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.977	59	2393	10.58	ug/l #	85
13) Acrolein	2.245	56	57	0.38	ug/l #	1
16) Acetone	2.386	43	43345	100.71	ug/l	100
18) Methyl Acetate	2.709	43	1522	1.33	ug/l #	80
20) Methylene Chloride	2.794	84	9187	9.61	ug/l	96
25) 2-Butanone	4.568	43	6235	8.95	ug/l #	84
31) Cyclohexane	5.562	56	1710	1.38	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	5964	4.71	ug/l #	49
37) Ethyl Acetate	4.708	43	383	0.25	ug/l #	64
38) Carbon Tetrachloride	5.562	117	7722	6.23	ug/l #	15
41) Methacrylonitrile	5.050	41	267	0.32	ug/l #	34
43) Isopropyl Acetate	6.348	43	12592	4.96	ug/l #	93
48) Methyl methacrylate	7.598	41	4267	3.64	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	42083	27.65	ug/l #	49
54) cis-1,3-Dichloropropene	8.555	75	18784	11.21	ug/l #	62
57) 1,3-Dichloropropane	9.488	76	9615	5.62	ug/l #	42
59) 2-Hexanone	9.488	43	126498	110.51	ug/l #	45
74) N-amyl acetate	10.890	43	409	0.23	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	28674	26.48	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	28674	62.74	ug/l #	12

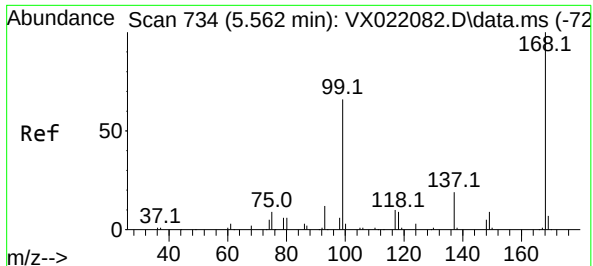
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
S1-B-TOP

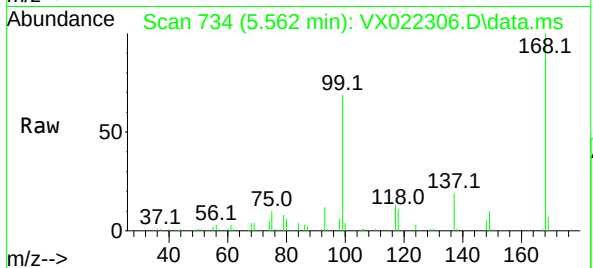
Quant Time: Jun 02 03:25:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



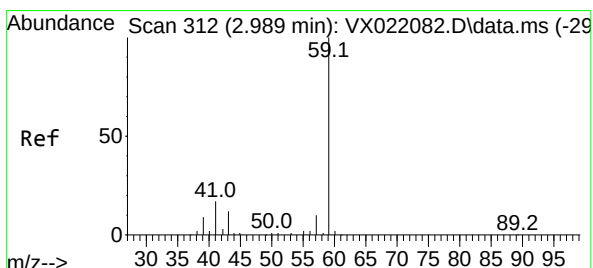
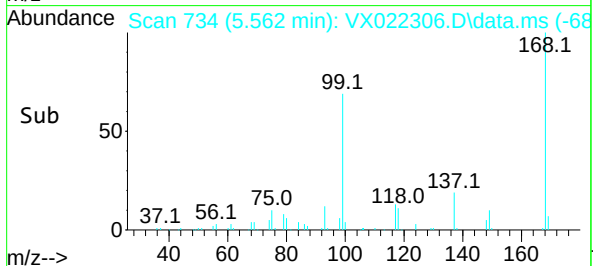
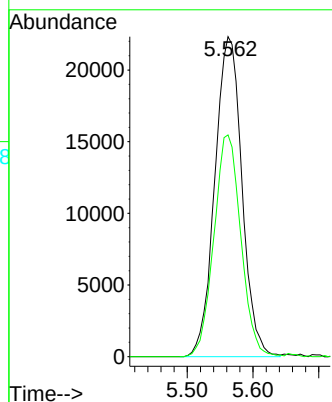


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

Instrument :
MSVOA_X
ClientSampled :
S1-B-TOP

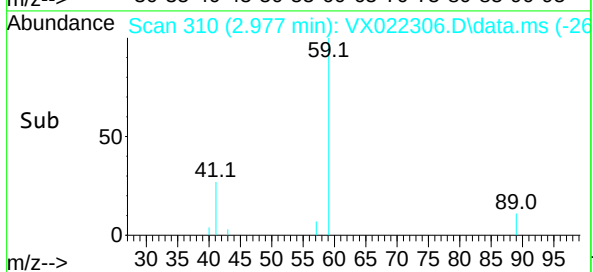
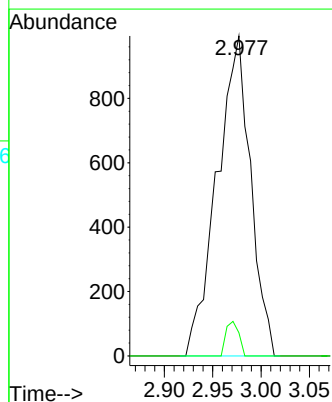
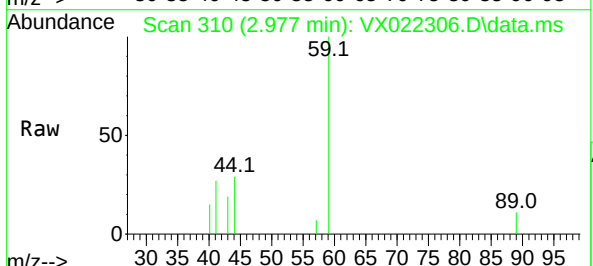


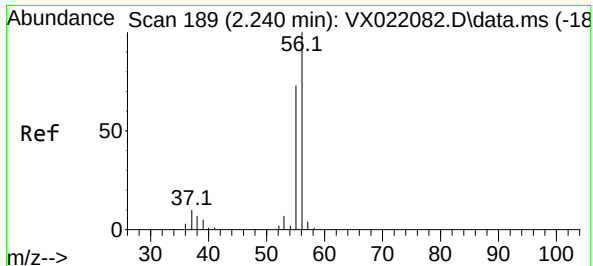
Tgt Ion:168 Resp: 64080
Ion Ratio Lower Upper
168 100
99 69.3 45.8 68.6#



#11
Tert butyl alcohol
Concen: 10.58 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

Tgt Ion: 59 Resp: 2393
Ion Ratio Lower Upper
59 100
57 4.1 7.8 11.8#

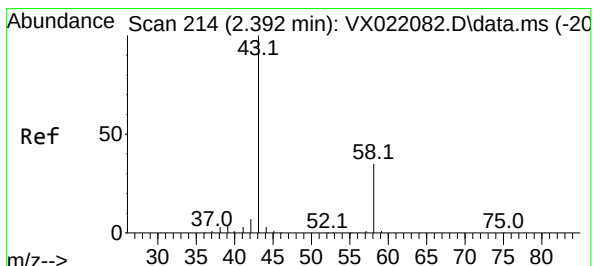
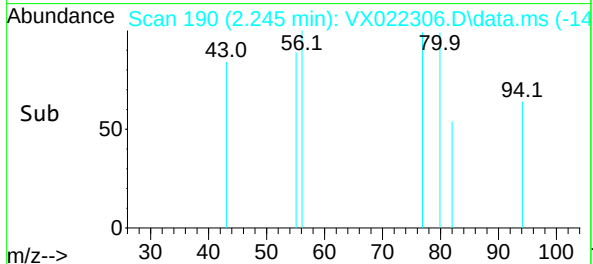
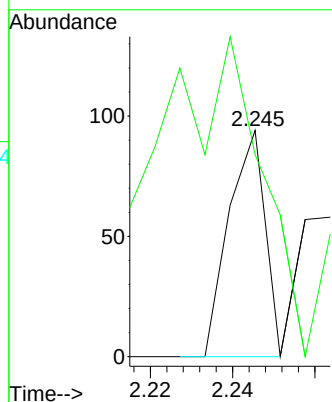
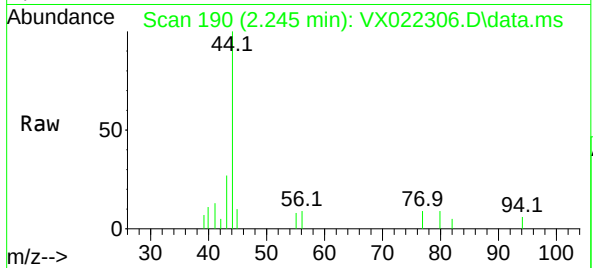




#13
Acrolein
Concen: 0.38 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.005 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

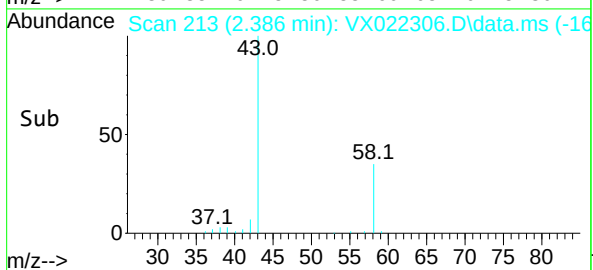
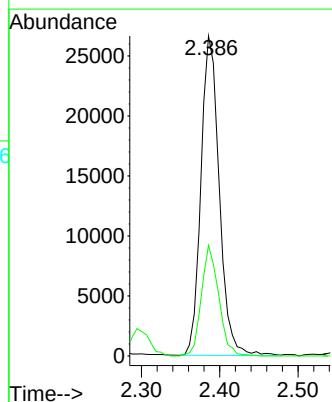
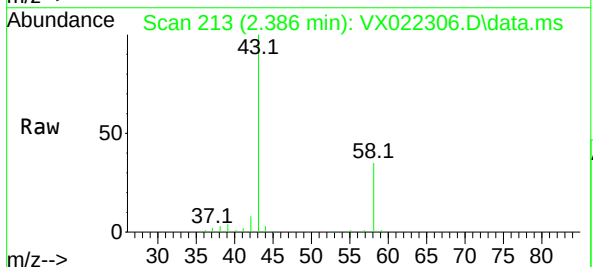
Instrument :
MSVOA_X
ClientSampled :
S1-B-TOP

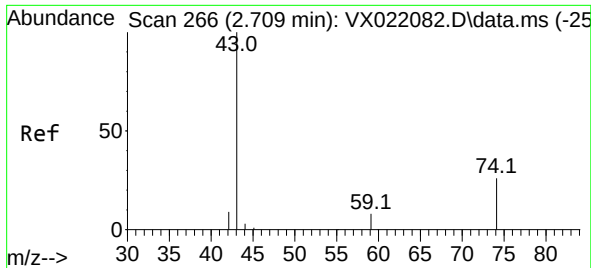
Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 403.5 56.4 84.6#



#16
Acetone
Concen: 100.71 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

Tgt Ion: 43 Resp: 43345
Ion Ratio Lower Upper
43 100
58 34.7 27.8 41.8

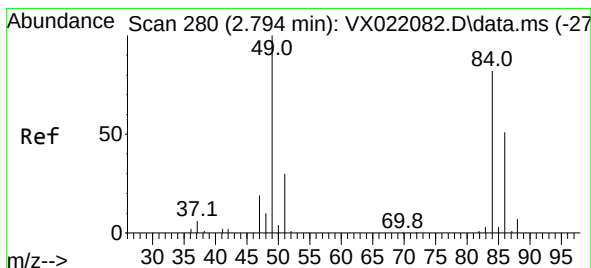
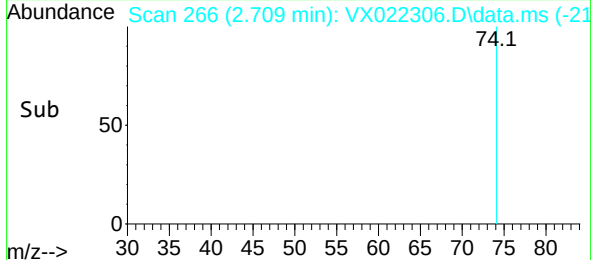
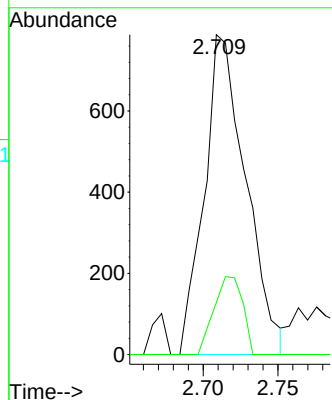
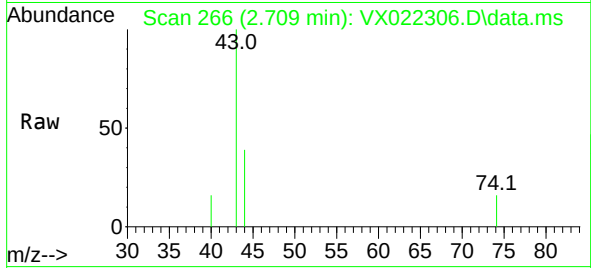




#18
Methyl Acetate
Concen: 1.33 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

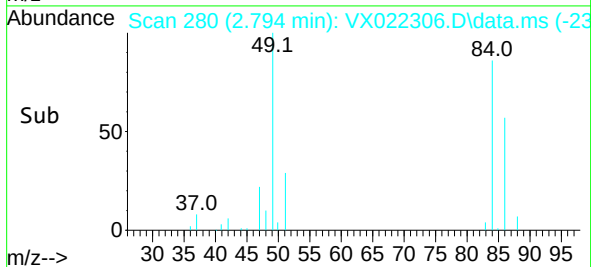
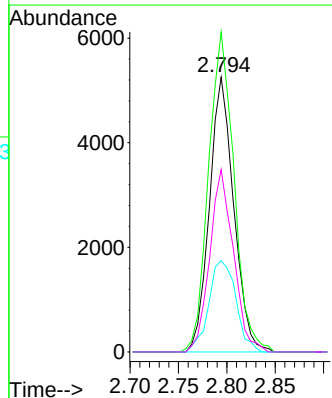
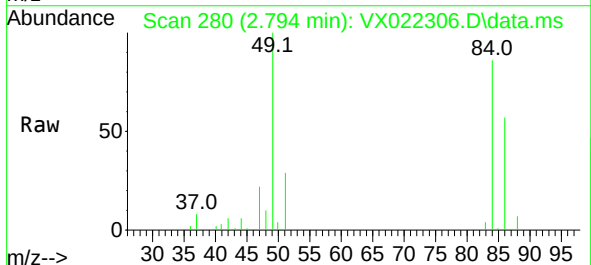
Instrument :
MSVOA_X
ClientSampled :
S1-B-TOP

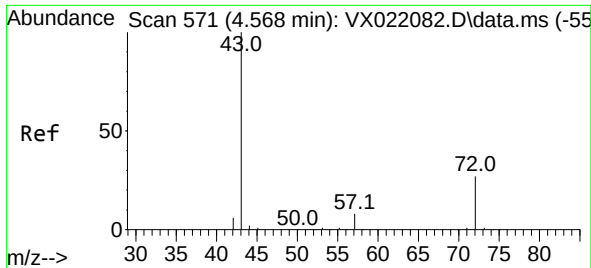
Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
74 16.8 21.9 32.9#



#20
Methylene Chloride
Concen: 9.61 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

Tgt Ion: 84 Resp: 9187
Ion Ratio Lower Upper
84 100
49 116.5 88.6 132.8
51 33.2 27.0 40.6
86 66.4 50.3 75.5

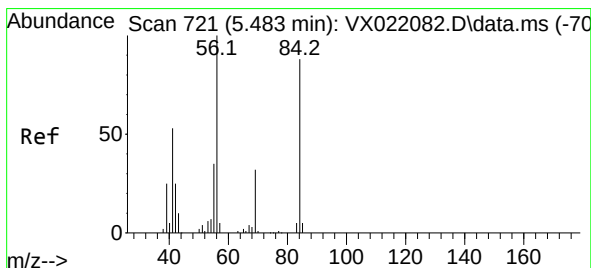
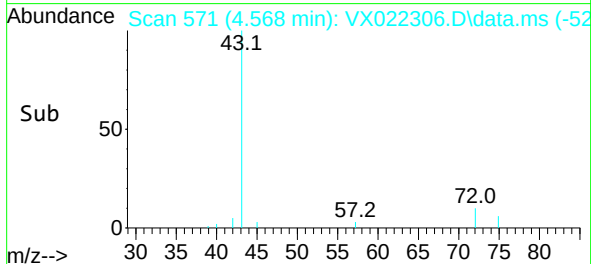
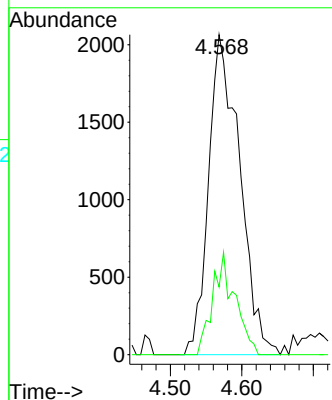
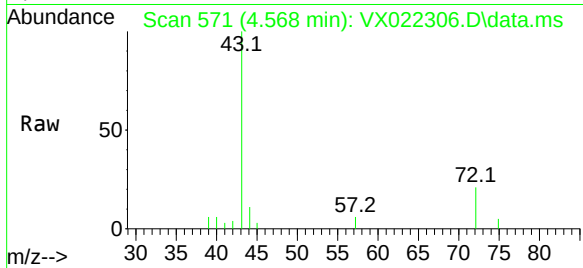




#25
2-Butanone
Concen: 8.95 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

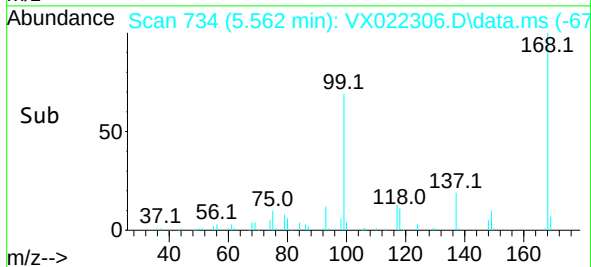
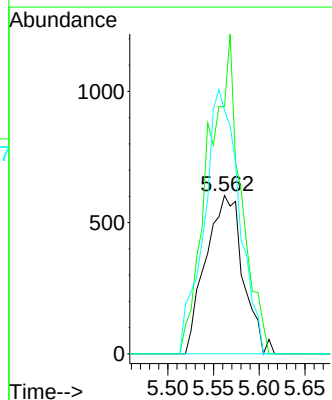
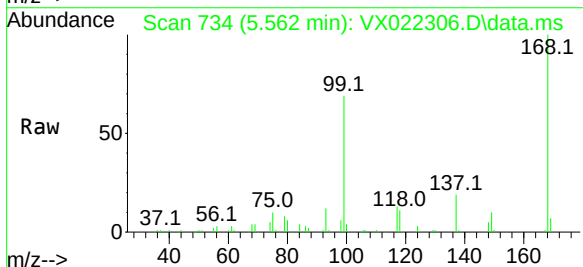
Instrument :
MSVOA_X
ClientSampled :
S1-B-TOP

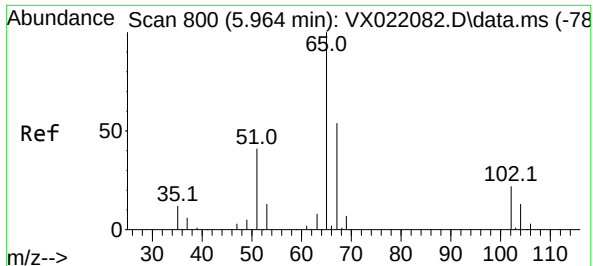
Tgt Ion: 43 Resp: 6235
Ion Ratio Lower Upper
43 100
72 21.2 23.7 35.5#



#31
Cyclohexane
Concen: 1.38 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

Tgt Ion: 56 Resp: 1710
Ion Ratio Lower Upper
56 100
69 156.2 25.3 37.9#
84 153.7 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 56.12 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022306.D

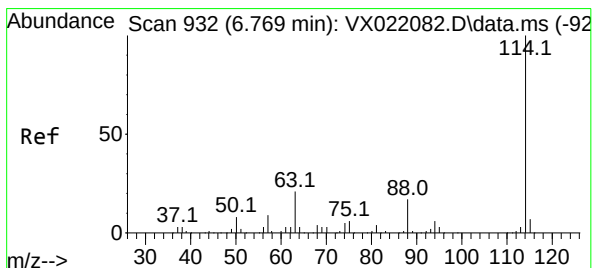
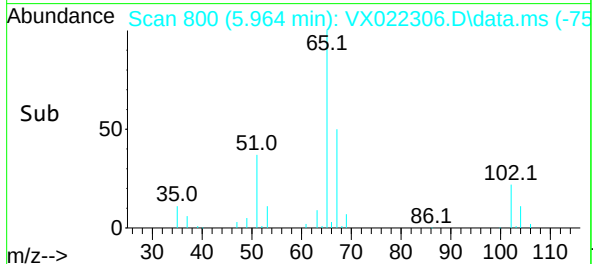
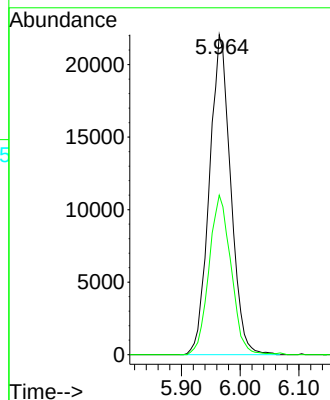
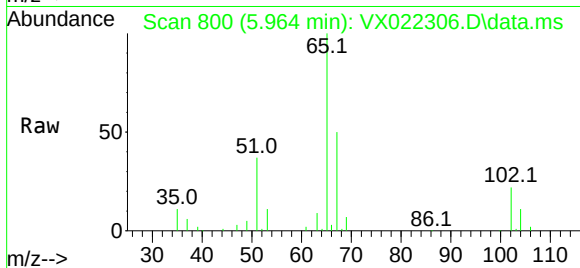
Acq: 01 Jun 2021 21:18

Tgt Ion: 65 Resp: 55469

Ion Ratio Lower Upper

65 100

67 51.5 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: VX022306.D

Acq: 01 Jun 2021 21:18

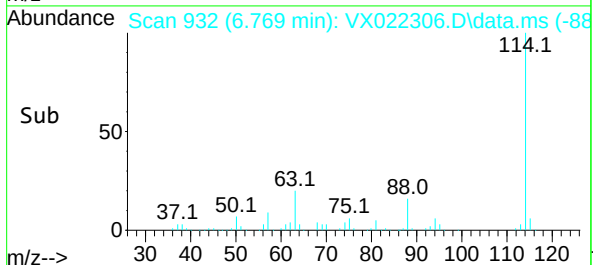
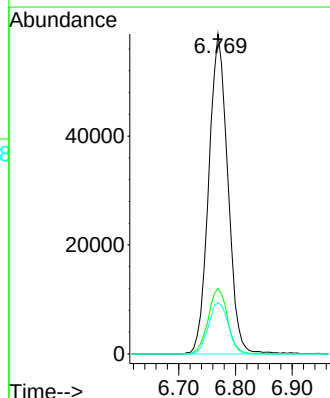
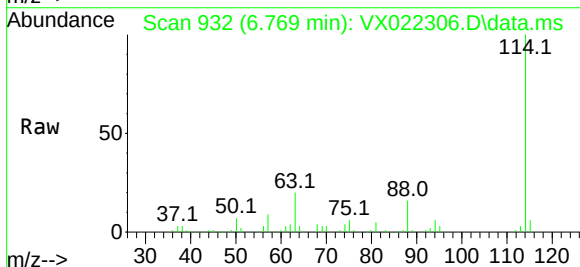
Tgt Ion: 114 Resp: 137042

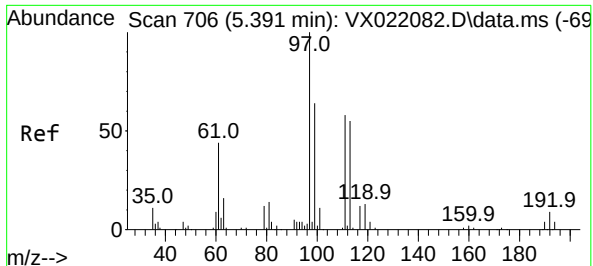
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

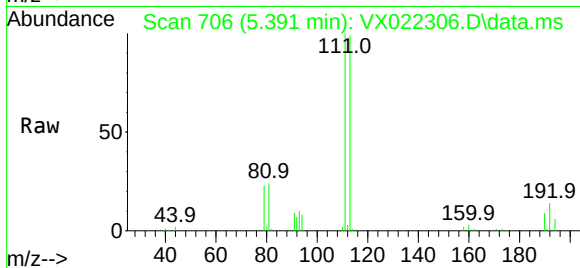
88 16.0 0.0 32.8



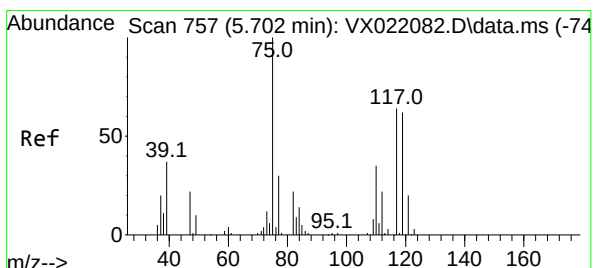
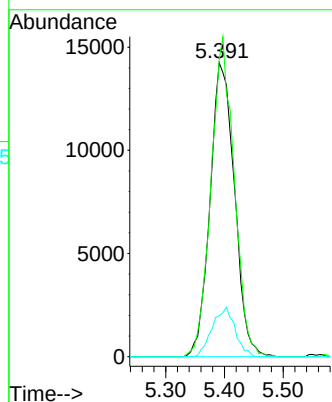
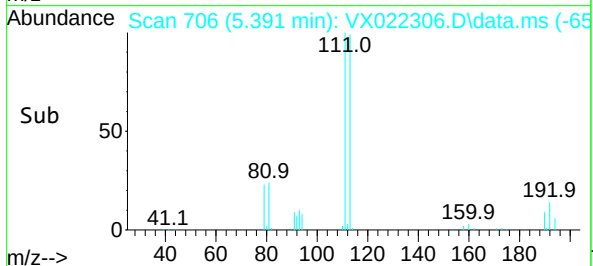


#35
Dibromofluoromethane
Concen: 47.36 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

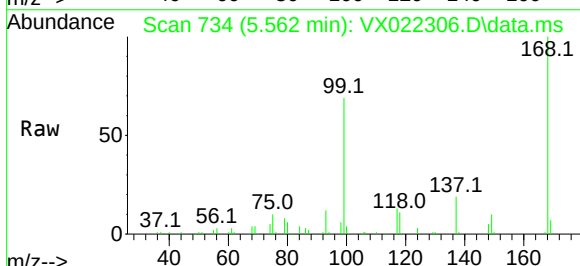
Instrument :
MSVOA_X
ClientSampled :
S1-B-TOP



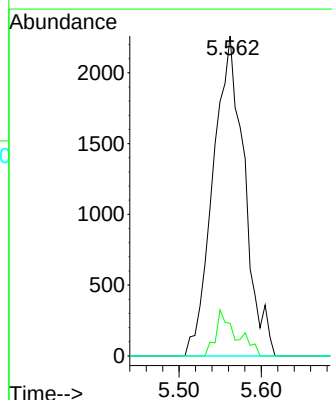
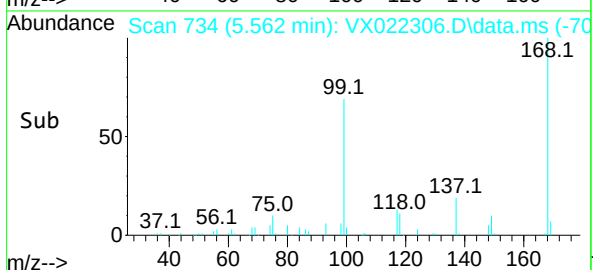
Tgt Ion:113 Resp: 41160
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 15.7 16.7 25.1#

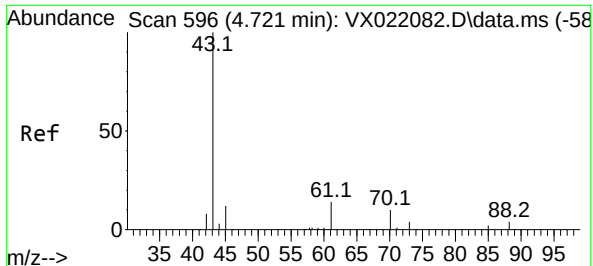


#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18



Tgt Ion: 75 Resp: 5964
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 0.25 ug/l

RT: 4.708 min Scan# 594

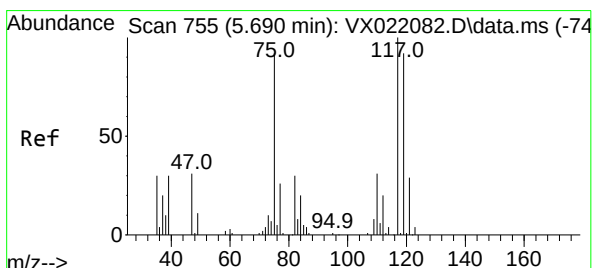
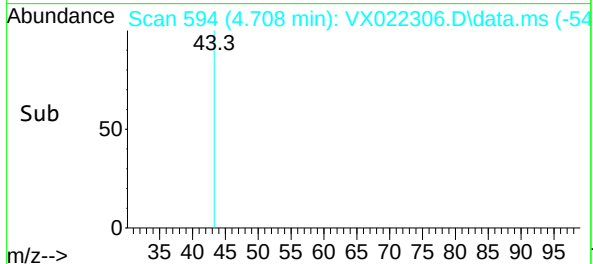
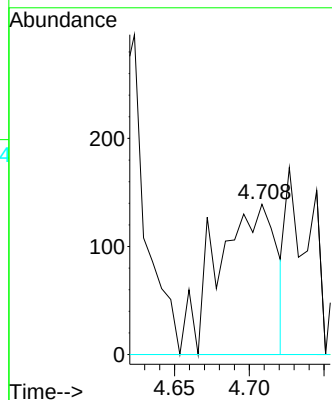
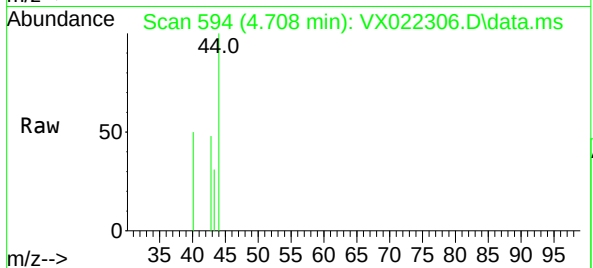
Delta R.T. -0.013 min

Lab File: VX022306.D

Acq: 01 Jun 2021 21:18

Tgt Ion: 43	Resp: 383
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#

Instrument :
MSVOA_X
ClientSampled :
S1-B-TOP



#38

Carbon Tetrachloride

Concen: 6.23 ug/l

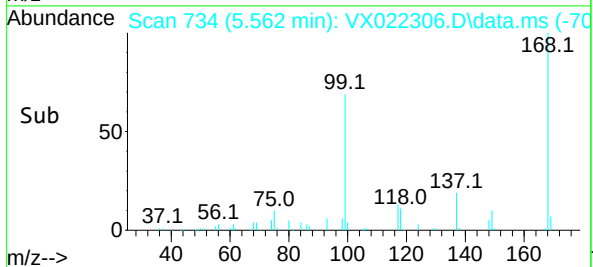
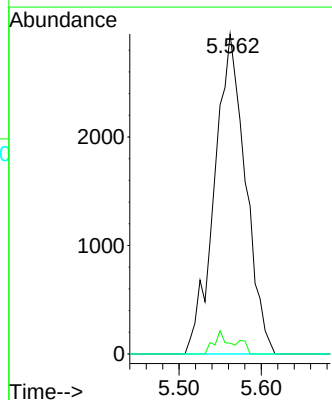
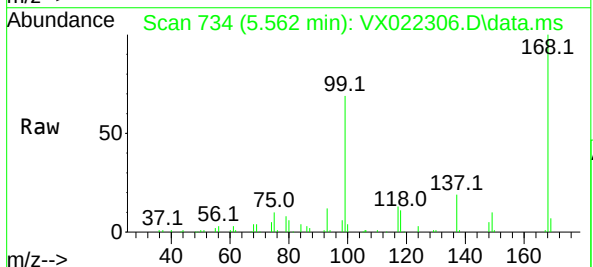
RT: 5.562 min Scan# 734

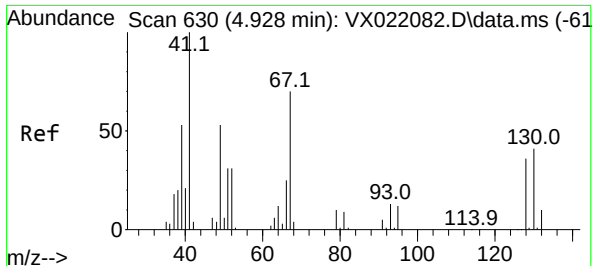
Delta R.T. -0.128 min

Lab File: VX022306.D

Acq: 01 Jun 2021 21:18

Tgt Ion: 117	Resp: 7722
Ion Ratio	Lower Upper
117 100	
119 3.4	76.2 114.2#
121 0.0	24.8 37.2#

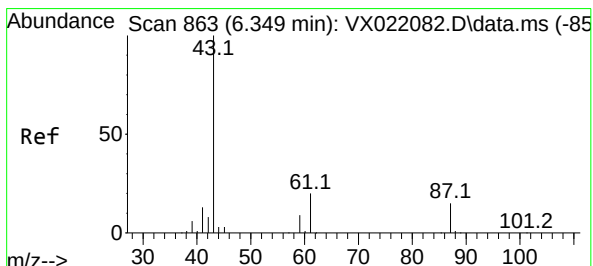
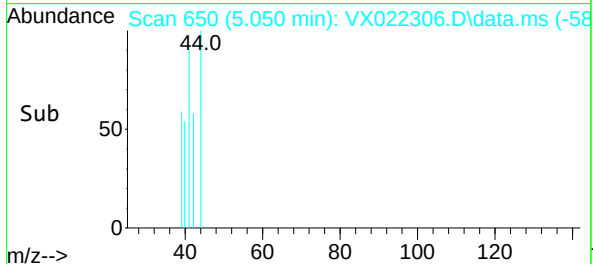
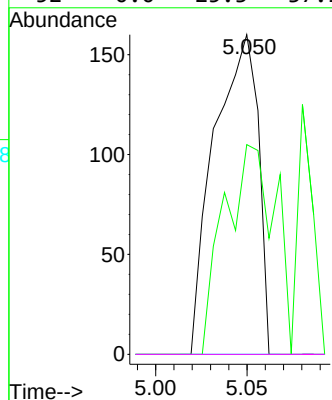
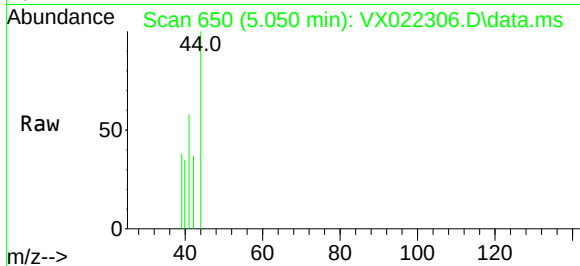




#41
Methacrylonitrile
Concen: 0.32 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.122 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

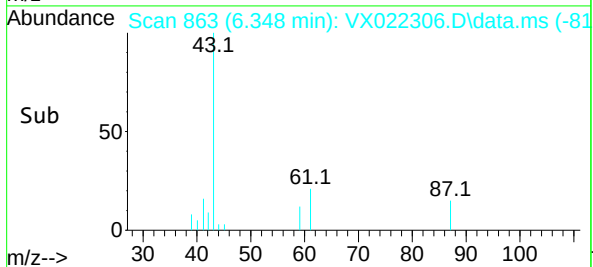
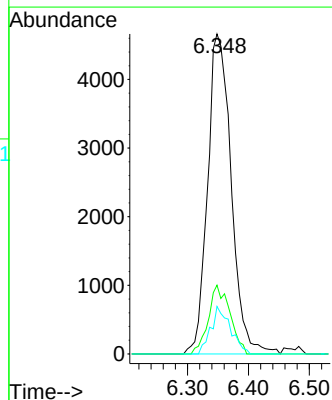
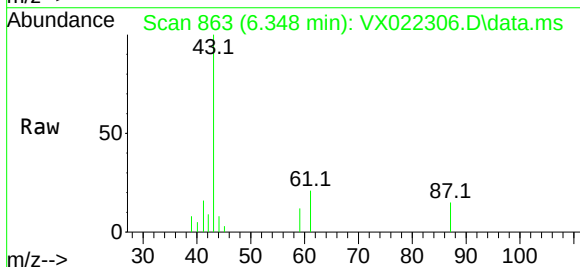
Instrument :
MSVOA_X
ClientSampled :
S1-B-TOP

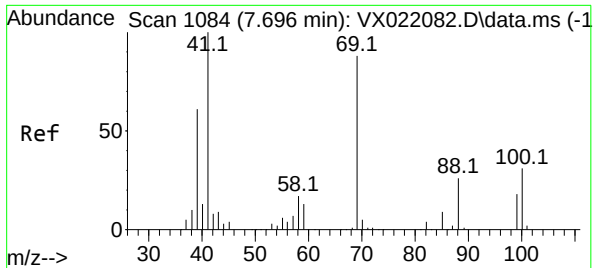
Tgt Ion:	41	Resp:	267
Ion	Ratio	Lower	Upper
41	100		
39	75.7	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 4.96 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

Tgt Ion:	43	Resp:	12592
Ion	Ratio	Lower	Upper
43	100		
61	19.7	18.2	27.4
87	12.3	12.5	18.7#

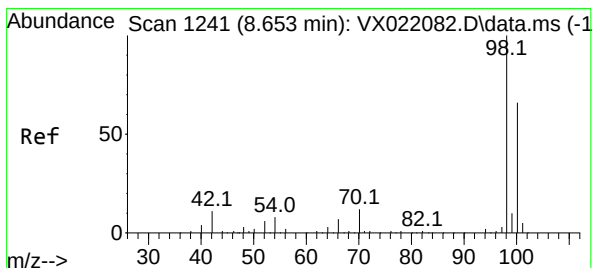
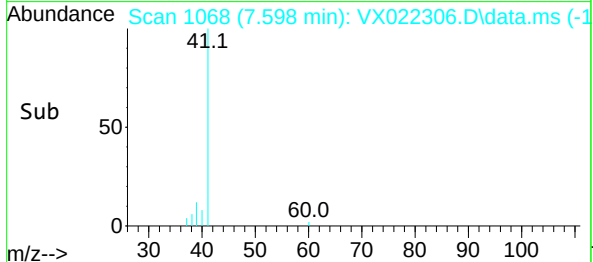
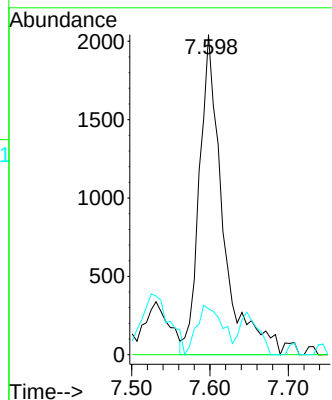
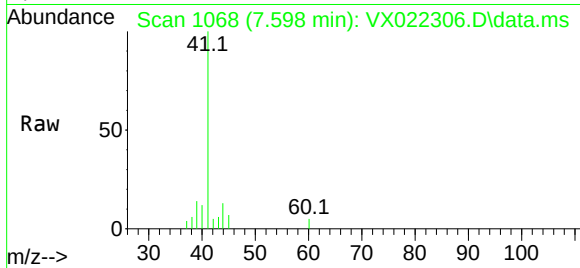




#48
Methyl methacrylate
Concen: 3.64 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

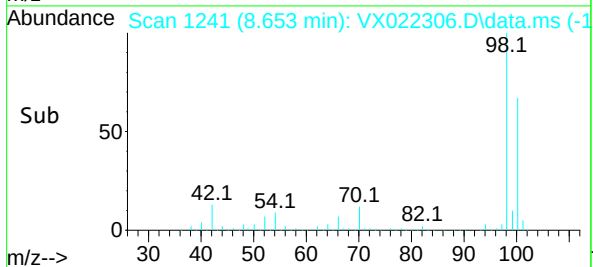
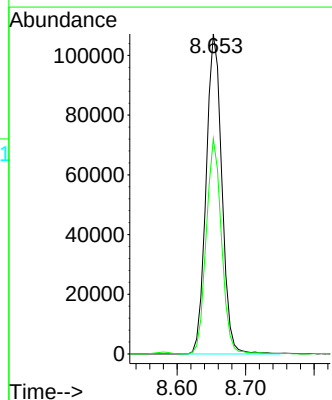
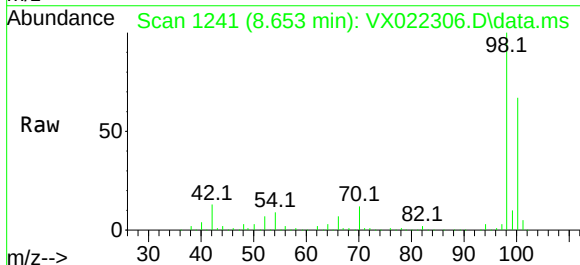
Instrument :
MSVOA_X
ClientSampled :
S1-B-TOP

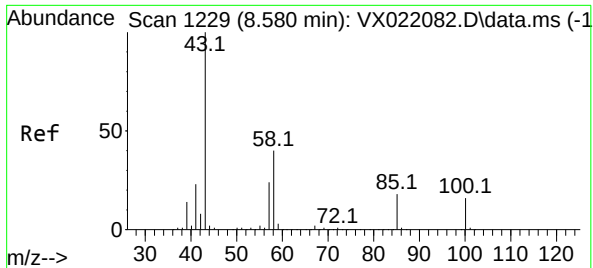
Tgt Ion: 41 Resp: 4267
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 51.09 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

Tgt Ion: 98 Resp: 171041
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

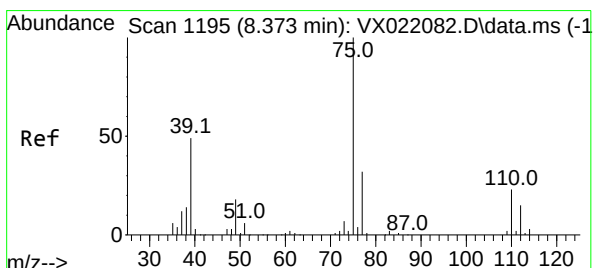
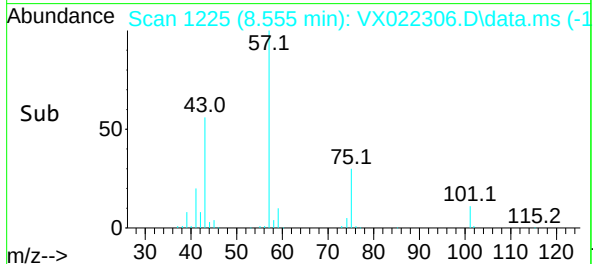
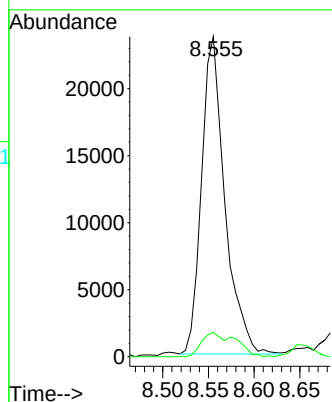
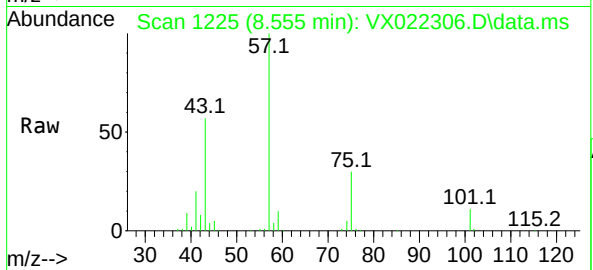




#51
4-Methyl-2-Pentanone
Concen: 27.65 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

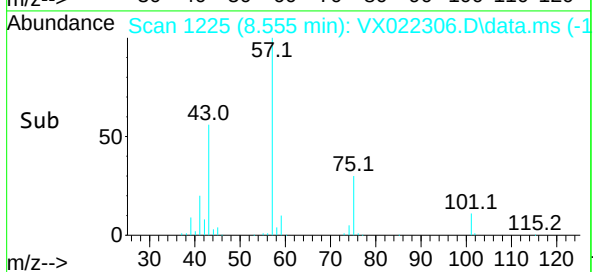
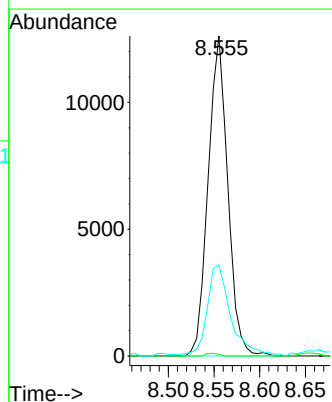
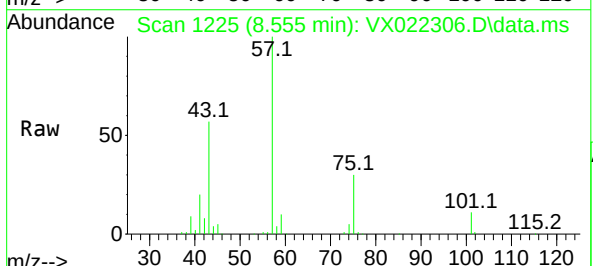
Instrument :
MSVOA_X
ClientSampleId :
S1-B-TOP

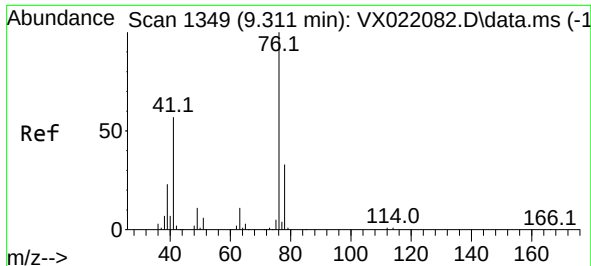
Tgt Ion: 43 Resp: 42083
Ion Ratio Lower Upper
43 100
58 11.2 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.21 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

Tgt Ion: 75 Resp: 18784
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 28.1 35.1 52.7#



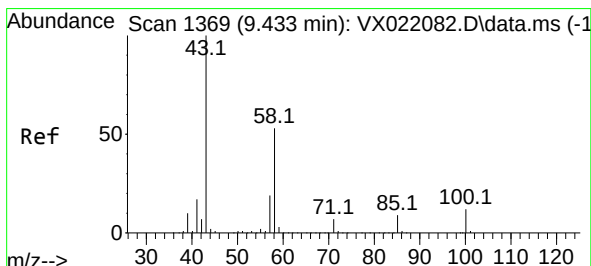
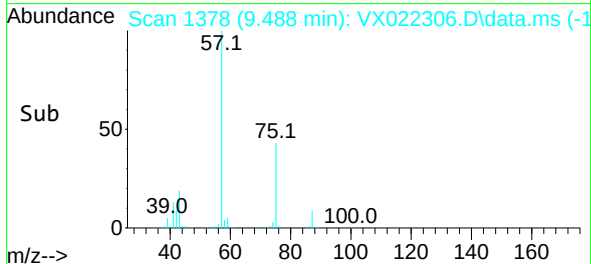
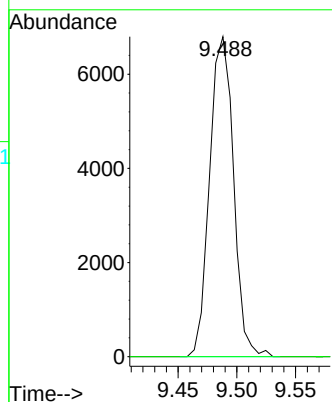
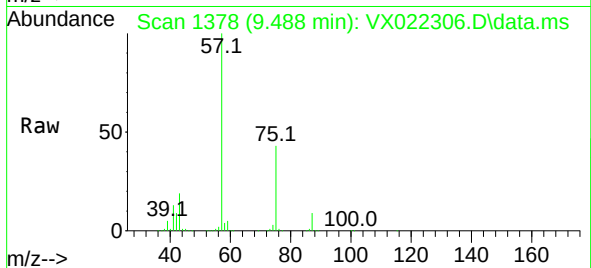


#57

1,3-Dichloropropane
Concen: 5.62 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

Instrument :
MSVOA_X
ClientSampled :
S1-B-TOP

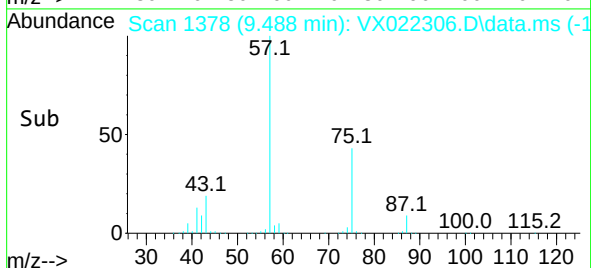
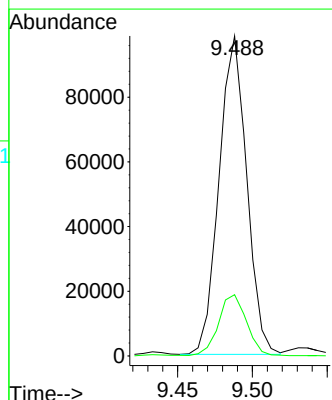
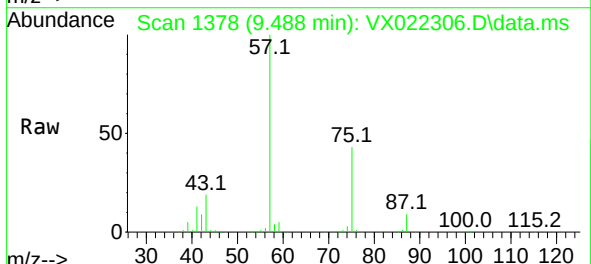
Tgt Ion: 76 Resp: 9615
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

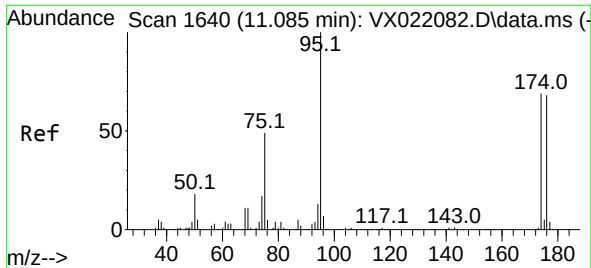


#59

2-Hexanone
Concen: 110.51 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

Tgt Ion: 43 Resp: 126498
Ion Ratio Lower Upper
43 100
58 19.4 30.9 92.8#

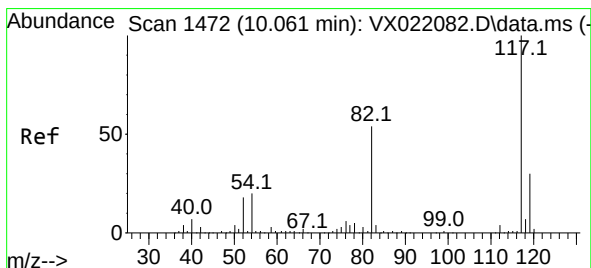
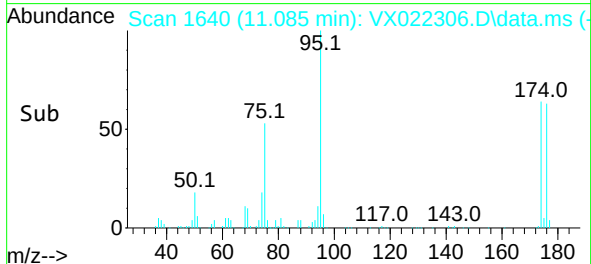
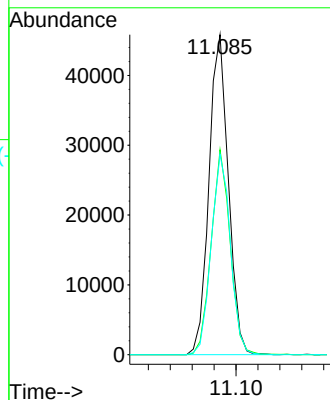
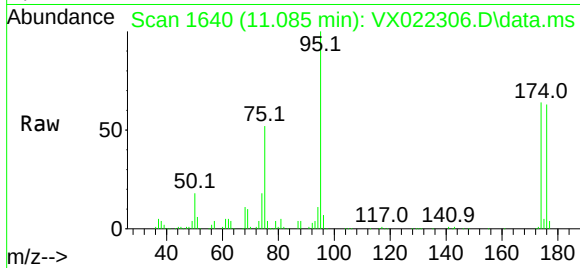




#62
4-Bromofluorobenzene
Concen: 45.48 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

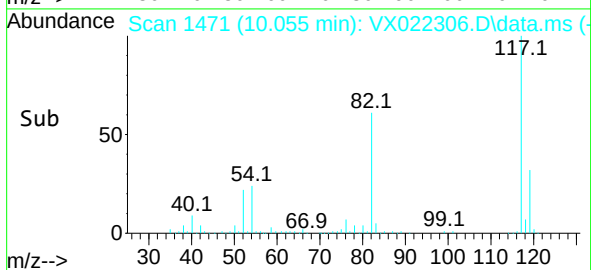
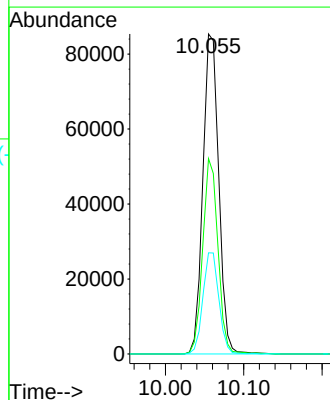
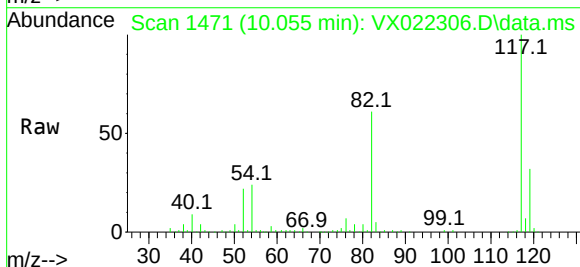
Instrument :
MSVOA_X
ClientSampleId :
S1-B-TOP

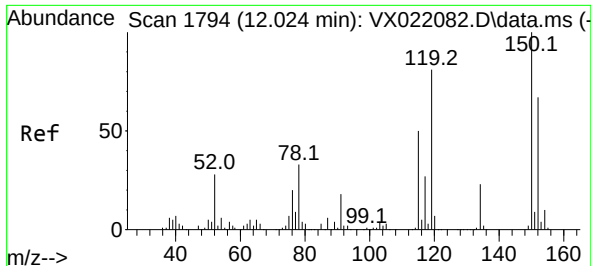
Tgt Ion: 95 Resp: 56271
Ion Ratio Lower Upper
95 100
174 62.7 0.0 154.6
176 62.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

Tgt Ion: 117 Resp: 119727
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 31.6 26.6 39.8

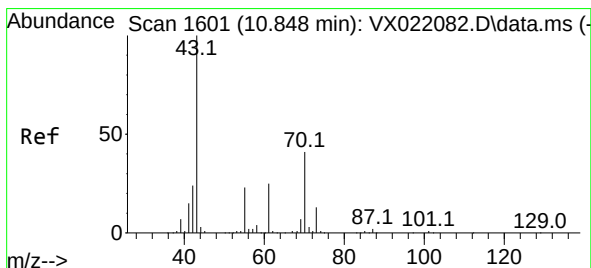
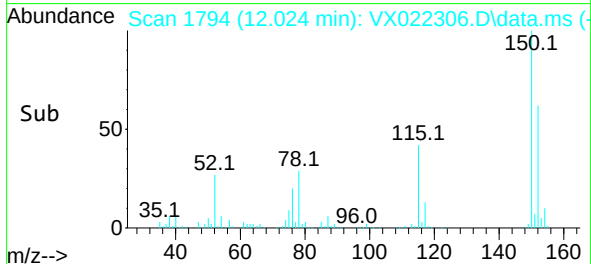
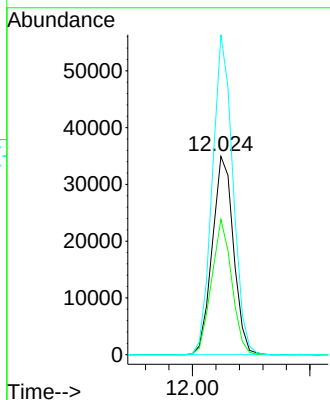
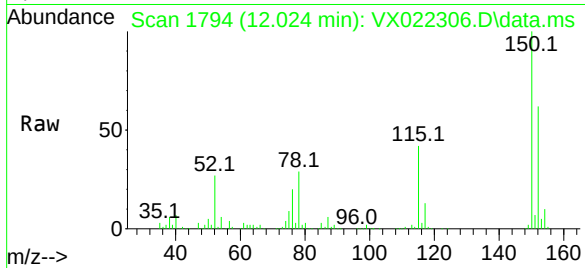




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

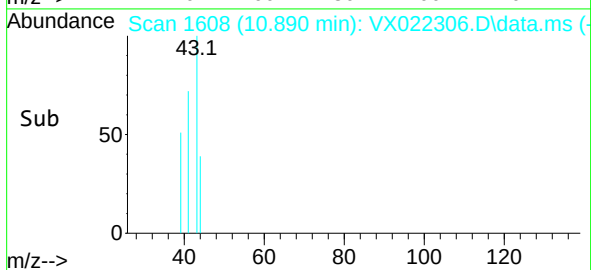
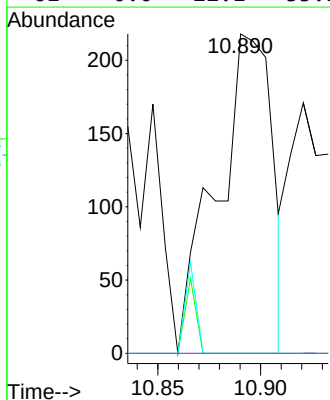
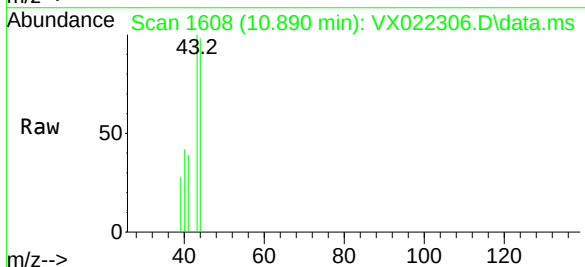
Instrument :
MSVOA_X
ClientSampled :
S1-B-TOP

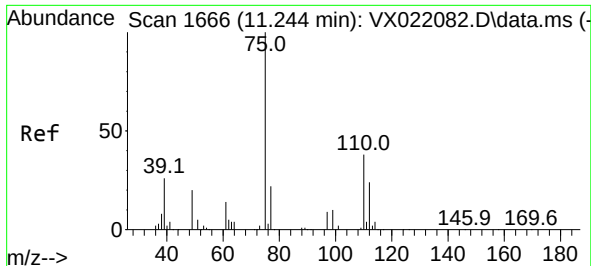
Tgt Ion:152 Resp: 43891
Ion Ratio Lower Upper
152 100
115 64.8 41.1 123.3
150 156.1 0.0 349.0



#74
N-ethyl acetate
Concen: 0.23 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.042 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

Tgt Ion: 43 Resp: 409
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#

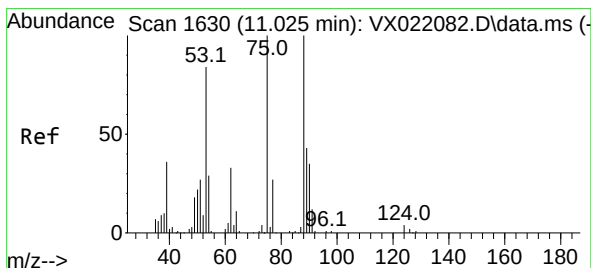
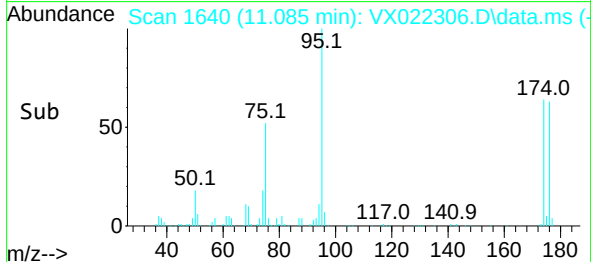
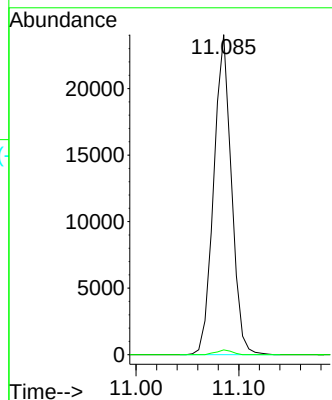
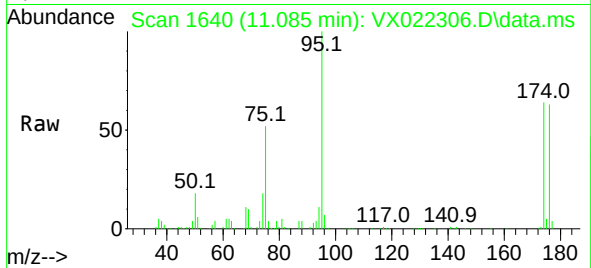




#76
1,2,3-Trichloropropane
Concen: 26.48 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

Instrument :
MSVOA_X
ClientSampled :
S1-B-TOP

Tgt Ion: 75 Resp: 28674
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.74 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022306.D
Acq: 01 Jun 2021 21:18

Tgt Ion: 75 Resp: 28674
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

