

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022305.D
 Acq On : 01 Jun 2021 20:55
 Operator : JC/MD
 Sample : M2560-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S1-A-BOTTOM

Quant Time: Jun 02 03:25:37 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)

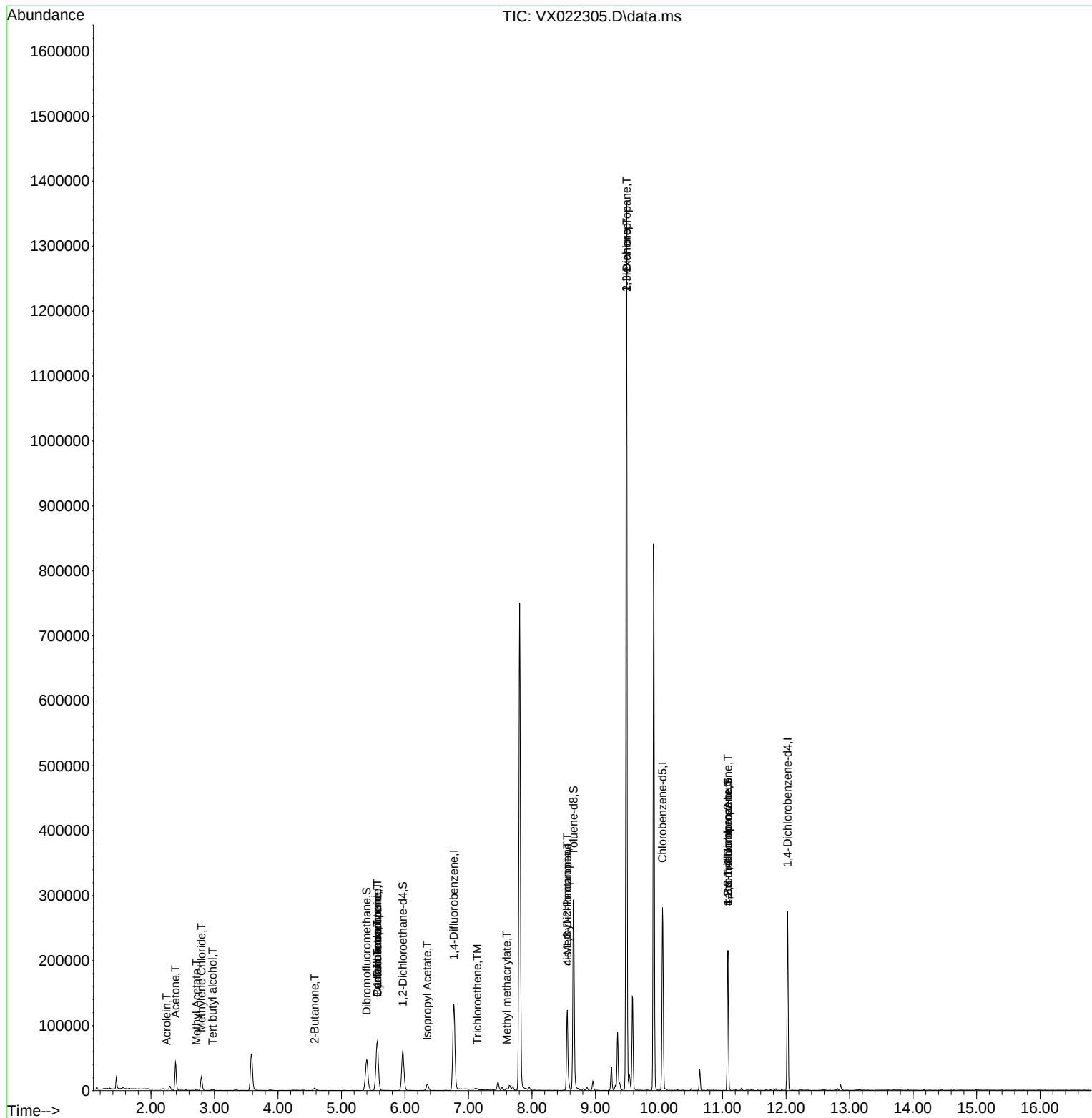
Internal Standards						
1) Pentafluorobenzene	5.562	168	63947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	136185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53961	54.70	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.40%			
35) Dibromofluoromethane	5.397	113	40235	46.59	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.18%			
50) Toluene-d8	8.653	98	169412	50.92	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.84%			
62) 4-Bromofluorobenzene	11.085	95	59013	47.99	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.98%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	1803	7.99	ug/l #	73
13) Acrolein	2.246	56	204	1.36	ug/l #	27
16) Acetone	2.386	43	43602	101.51	ug/l	98
18) Methyl Acetate	2.715	43	1404	1.23	ug/l	90
20) Methylene Chloride	2.794	84	9066	9.51	ug/l	92
25) 2-Butanone	4.574	43	6016	8.66	ug/l #	83
31) Cyclohexane	5.562	56	1759	1.42	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	5909	4.69	ug/l #	49
38) Carbon Tetrachloride	5.562	117	7189	5.84	ug/l #	15
43) Isopropyl Acetate	6.348	43	12773	5.06	ug/l	94
44) Trichloroethene	7.135	130	241	0.25	ug/l	79
48) Methyl methacrylate	7.604	41	3605	3.10	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	45530	30.10	ug/l #	41
54) cis-1,3-Dichloropropene	8.555	75	20484	12.30	ug/l #	61
57) 1,3-Dichloropropane	9.488	76	11194	6.58	ug/l #	42
59) 2-Hexanone	9.488	43	152553	134.11	ug/l #	45
76) 1,2,3-Trichloropropane	11.085	75	30873	25.76	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30873	61.03	ug/l #	12

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S1-A-BOTTOM

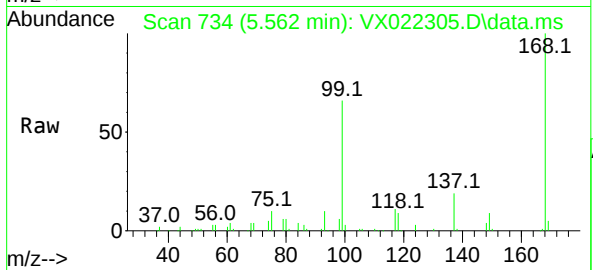
Quant Time: Jun 02 03:25:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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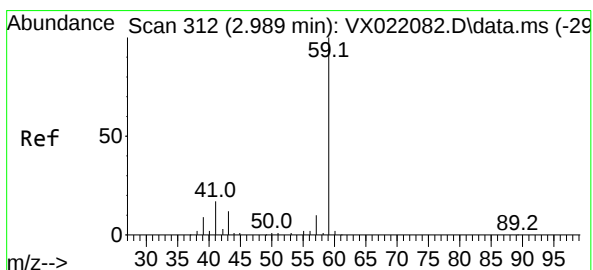
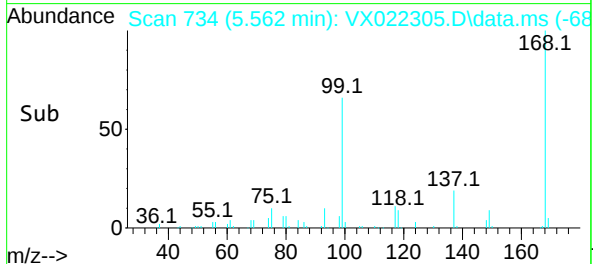
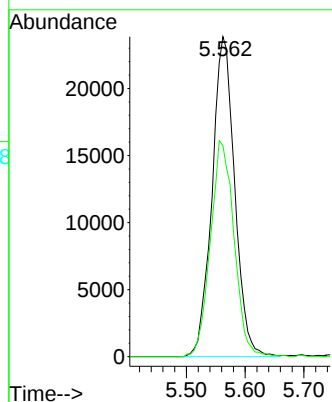


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

Instrument :
MSVOA_X
ClientSampleId :
S1-A-BOTTOM

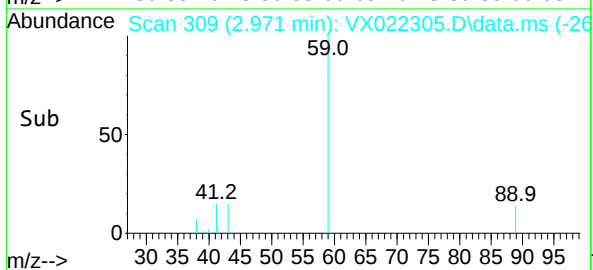
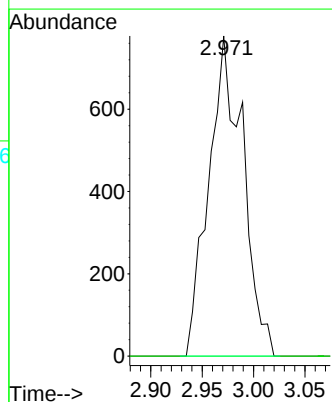
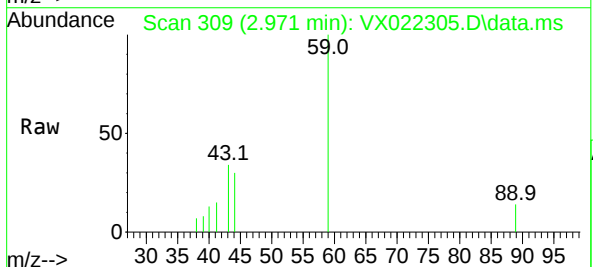


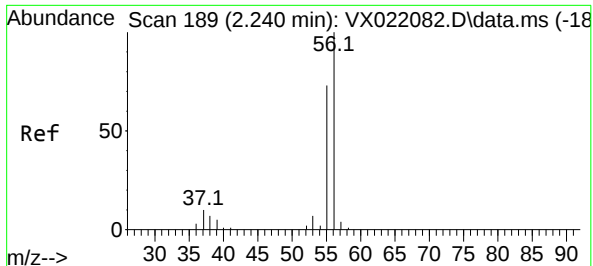
Tgt Ion:168 Resp: 63947
Ion Ratio Lower Upper
168 100
99 66.0 45.8 68.6



#11
Tert butyl alcohol
Concen: 7.99 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

Tgt Ion: 59 Resp: 1803
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

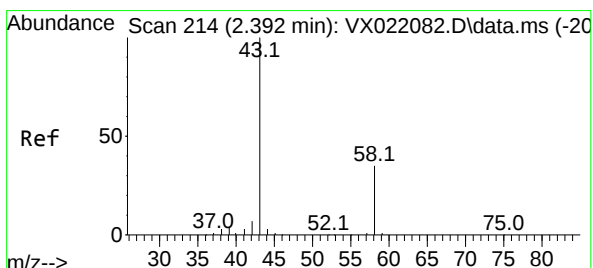
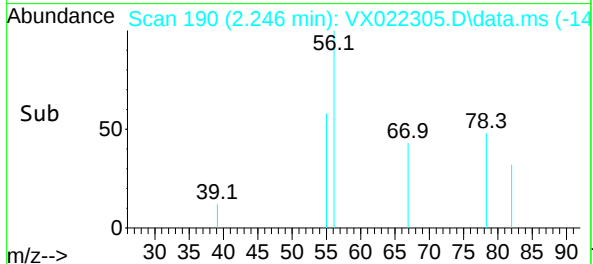
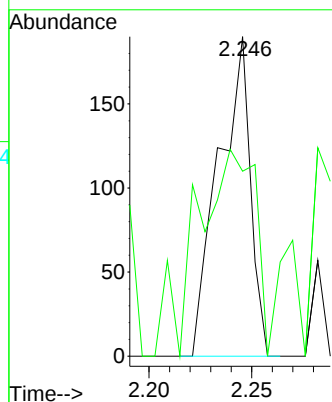
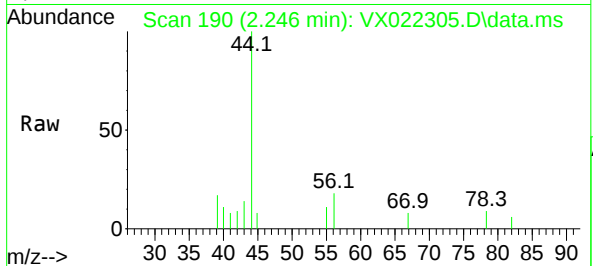




#13
Acrolein
Concen: 1.36 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

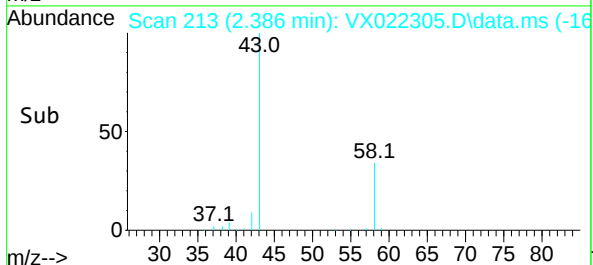
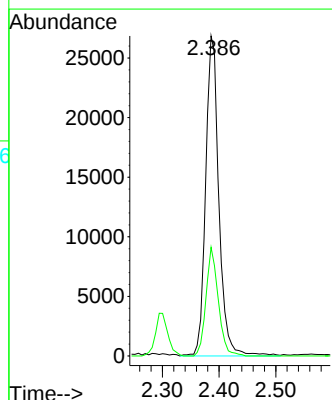
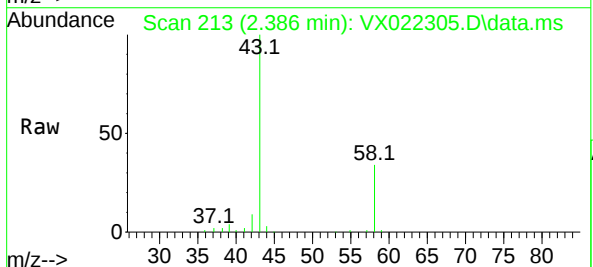
Instrument :
MSVOA_X
ClientSampled :
S1-A-BOTTOM

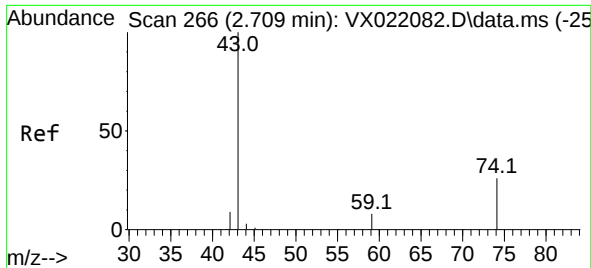
Tgt Ion: 56 Resp: 204
Ion Ratio Lower Upper
56 100
55 130.9 56.4 84.6#



#16
Acetone
Concen: 101.51 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

Tgt Ion: 43 Resp: 43602
Ion Ratio Lower Upper
43 100
58 33.9 27.8 41.8

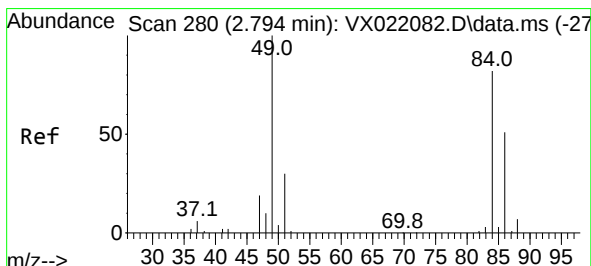
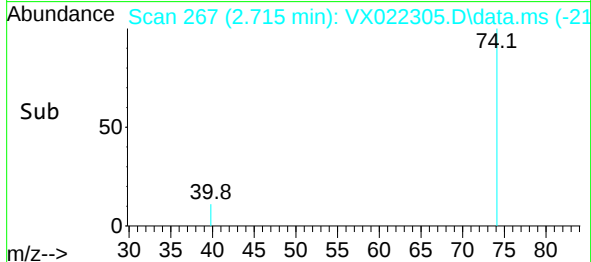
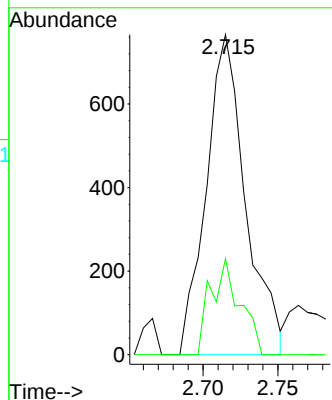
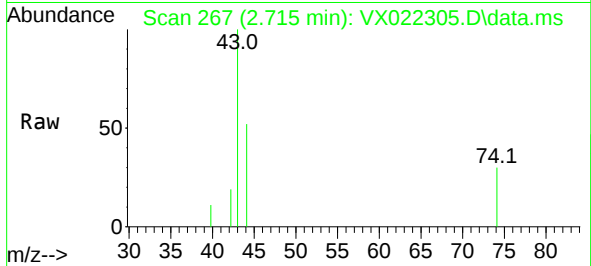




#18
Methyl Acetate
Concen: 1.23 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

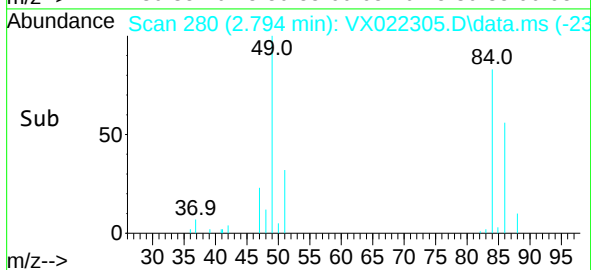
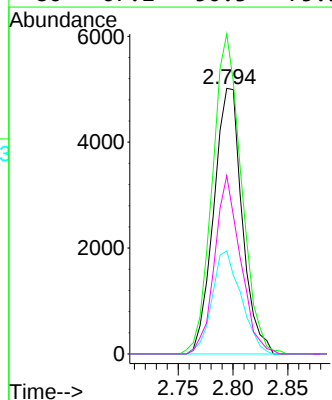
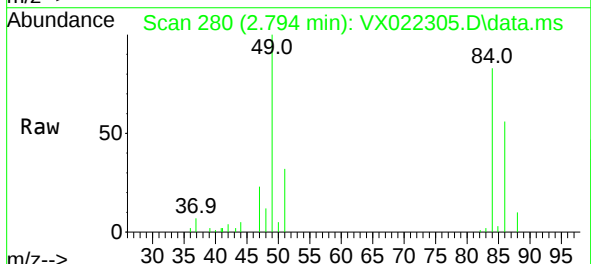
Instrument :
MSVOA_X
ClientSampleId :
S1-A-BOTTOM

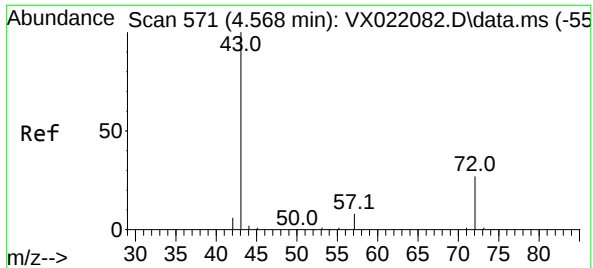
Tgt Ion: 43 Resp: 1404
Ion Ratio Lower Upper
43 100
74 22.3 21.9 32.9



#20
Methylene Chloride
Concen: 9.51 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

Tgt Ion: 84 Resp: 9066
Ion Ratio Lower Upper
84 100
49 120.5 88.6 132.8
51 38.9 27.0 40.6
86 67.2 50.3 75.5

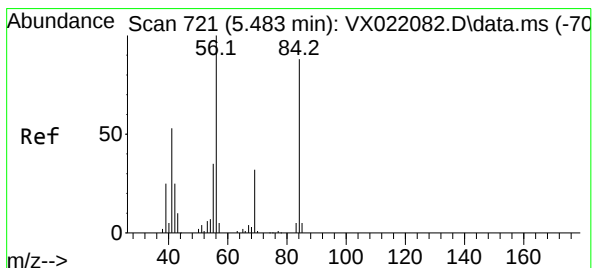
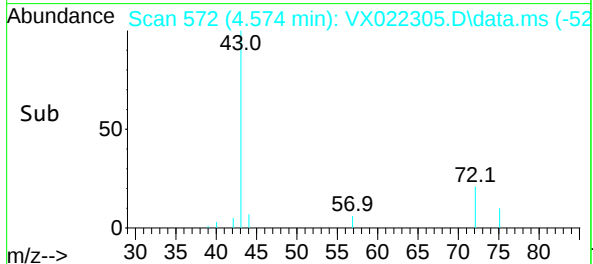
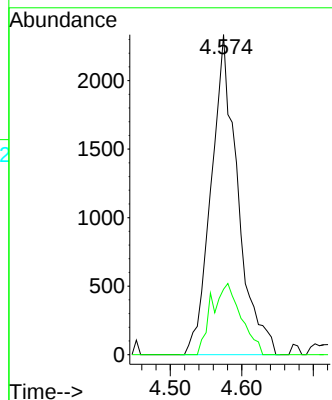
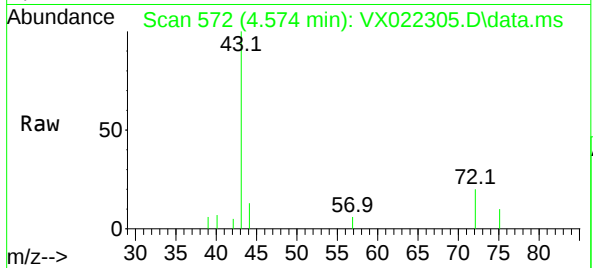




#25
2-Butanone
Concen: 8.66 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

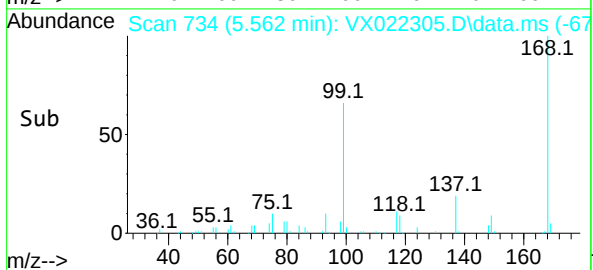
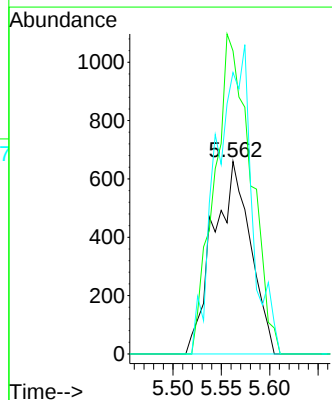
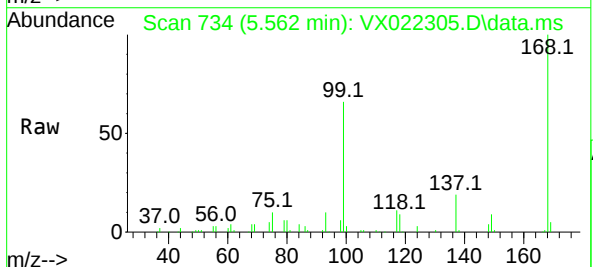
Instrument :
MSVOA_X
ClientSampled :
S1-A-BOTTOM

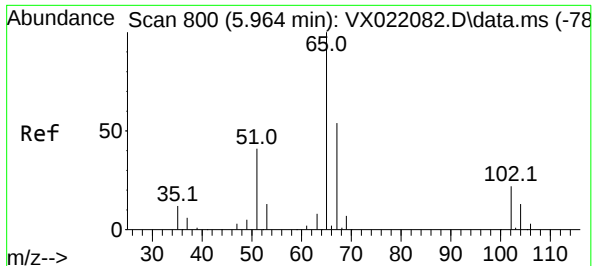
Tgt Ion: 43 Resp: 6016
Ion Ratio Lower Upper
43 100
72 20.5 23.7 35.5#



#31
Cyclohexane
Concen: 1.42 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

Tgt Ion: 56 Resp: 1759
Ion Ratio Lower Upper
56 100
69 157.4 25.3 37.9#
84 146.2 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 54.70 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022305.D

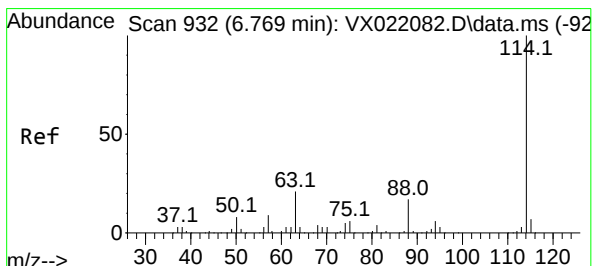
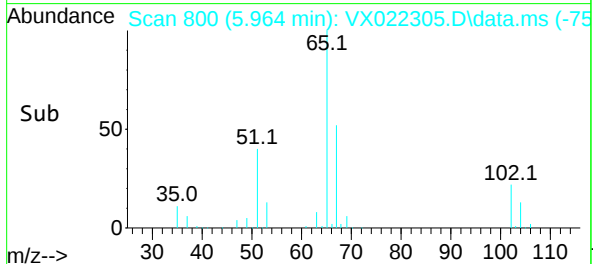
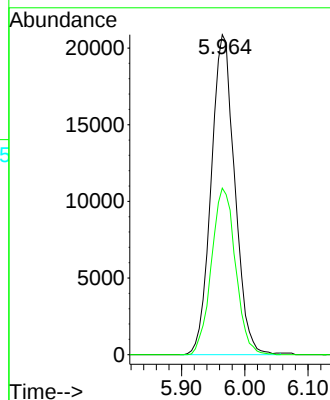
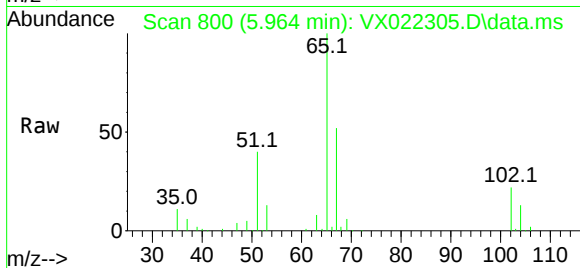
Acq: 01 Jun 2021 20:55

Tgt Ion: 65 Resp: 53961

Ion Ratio Lower Upper

65 100

67 53.1 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: VX022305.D

Acq: 01 Jun 2021 20:55

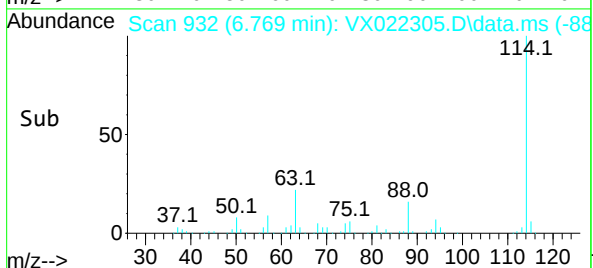
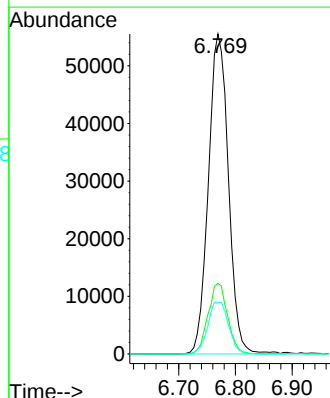
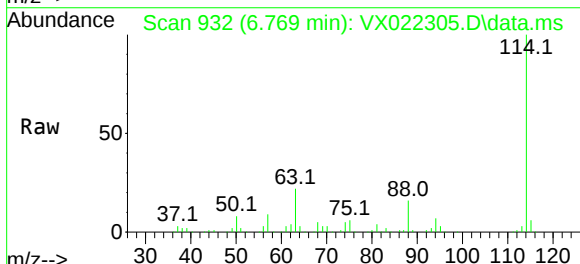
Tgt Ion: 114 Resp: 136185

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.8

88 16.1 0.0 32.8

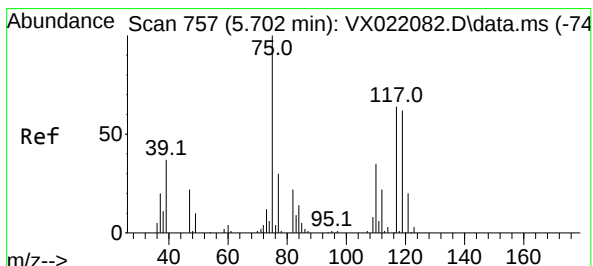
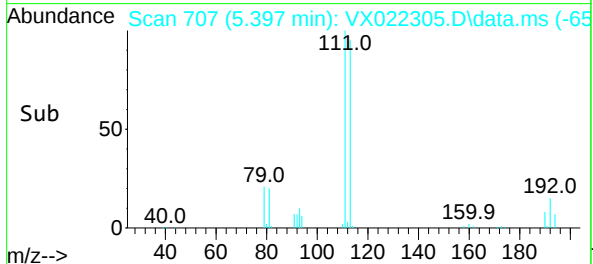
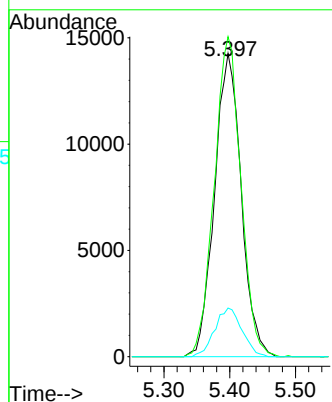
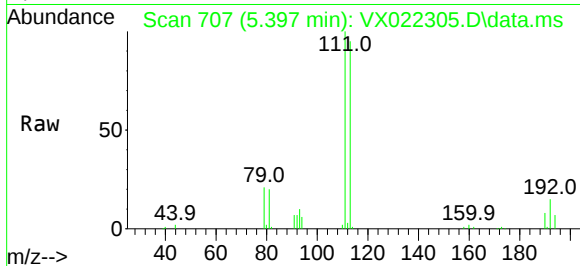




#35
Dibromofluoromethane
Concen: 46.59 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

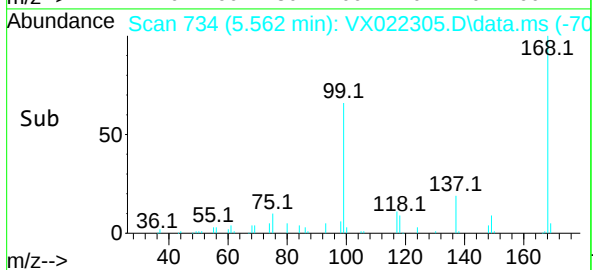
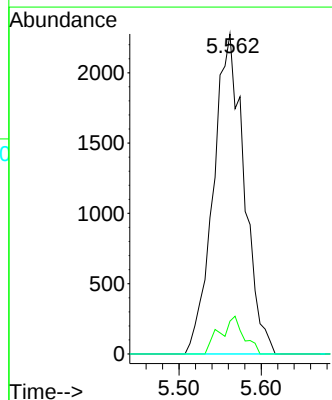
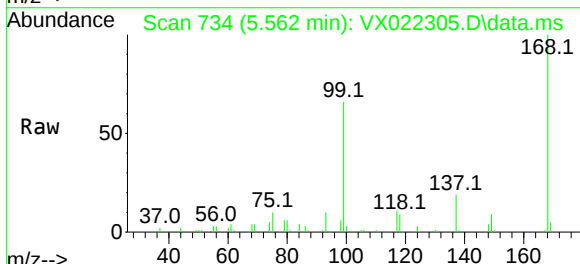
Instrument :
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ClientSampleId :
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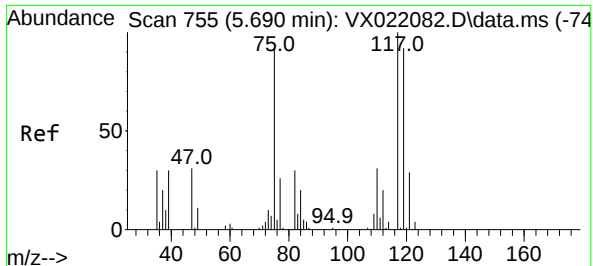
Tgt Ion:113 Resp: 40235
Ion Ratio Lower Upper
113 100
111 105.3 81.9 122.9
192 16.4 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

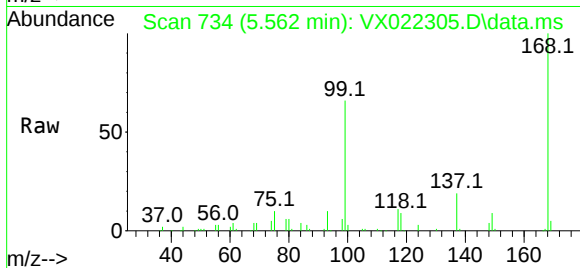
Tgt Ion: 75 Resp: 5909
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



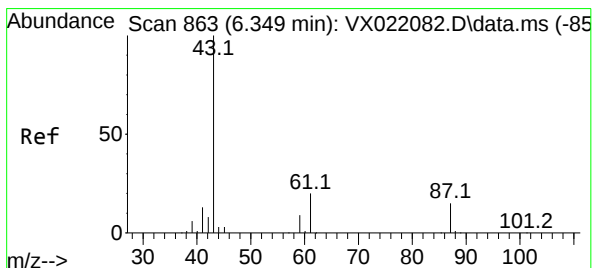
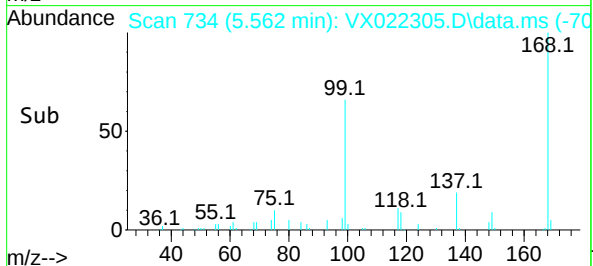
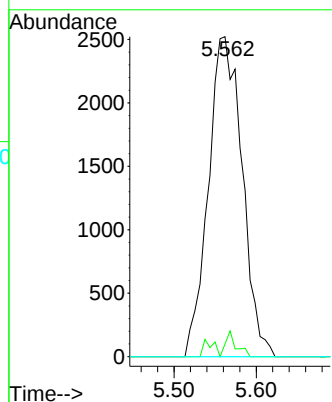


#38
Carbon Tetrachloride
Concen: 5.84 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

Instrument :
MSVOA_X
ClientSampleId :
S1-A-BOTTOM

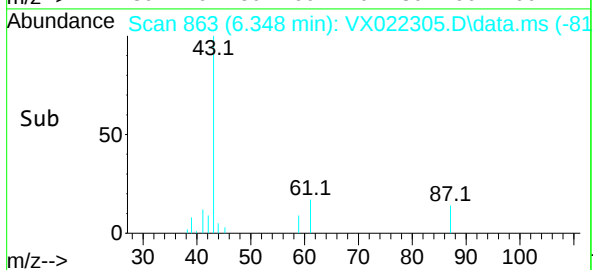
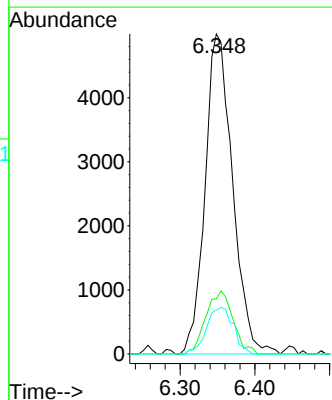
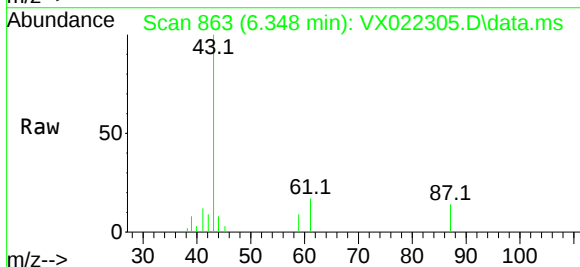


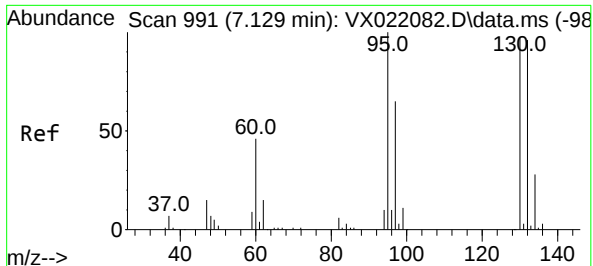
Tgt Ion:117 Resp: 7189
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 5.06 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

Tgt Ion: 43 Resp: 12773
Ion Ratio Lower Upper
43 100
61 19.4 18.2 27.4
87 14.2 12.5 18.7

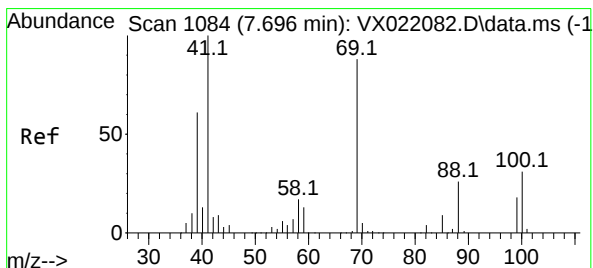
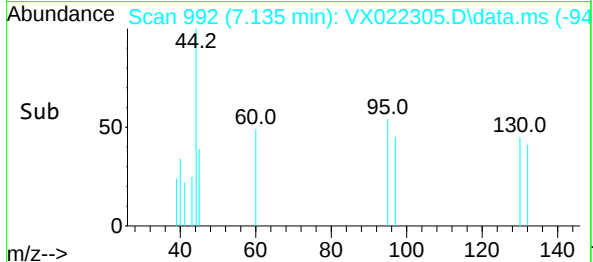
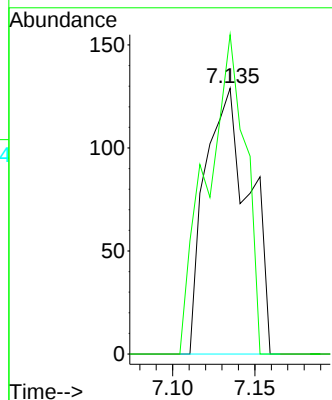
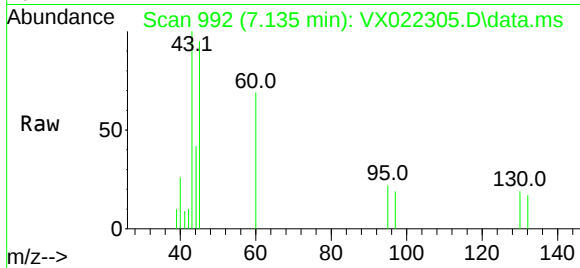




#44
Trichloroethene
Concen: 0.25 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

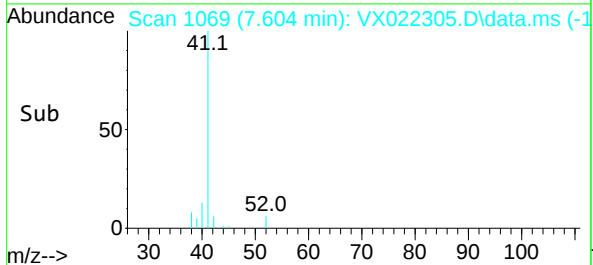
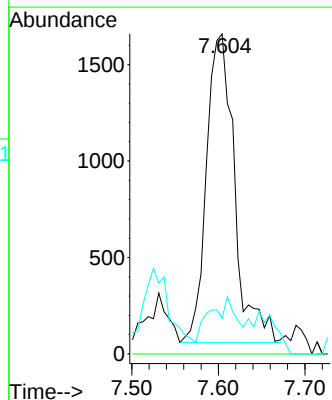
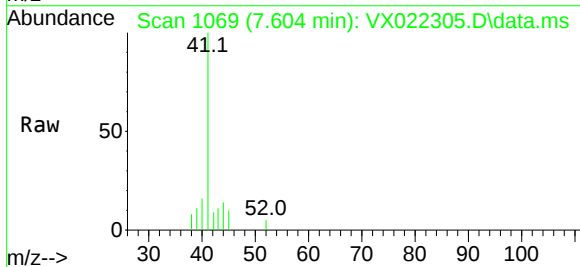
Instrument :
MSVOA_X
ClientSampled :
S1-A-BOTTOM

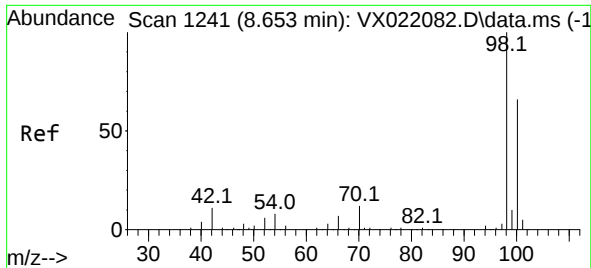
Tgt Ion:130 Resp: 241
Ion Ratio Lower Upper
130 100
95 120.2 0.0 198.0



#48
Methyl methacrylate
Concen: 3.10 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

Tgt Ion: 41 Resp: 3605
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

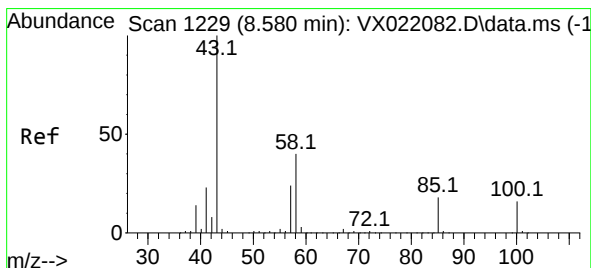
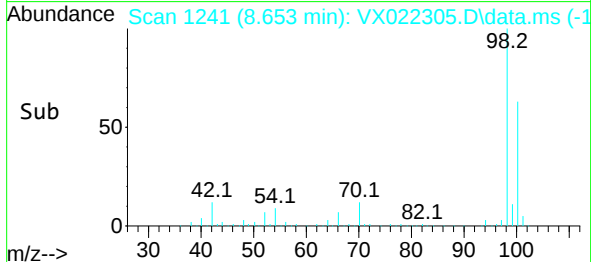
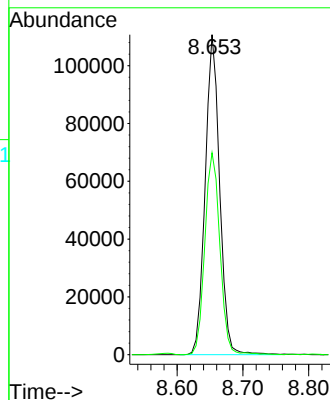
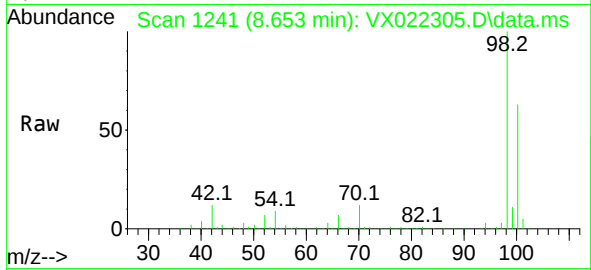




#50
Toluene-d8
Concen: 50.92 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

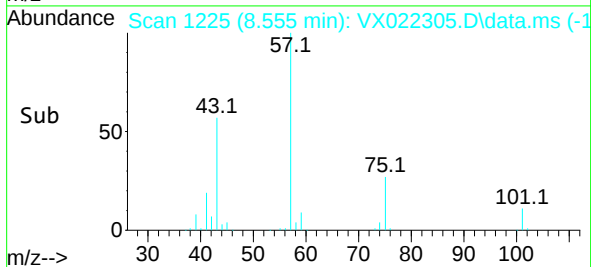
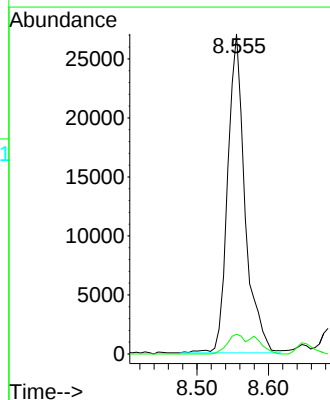
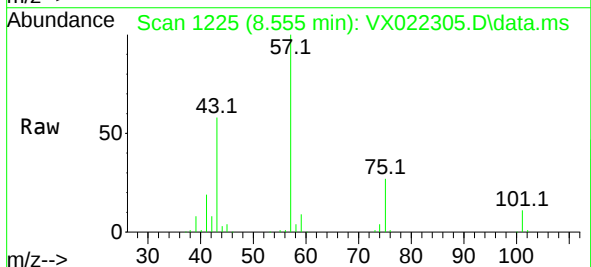
Instrument :
MSVOA_X
ClientSampleId :
S1-A-BOTTOM

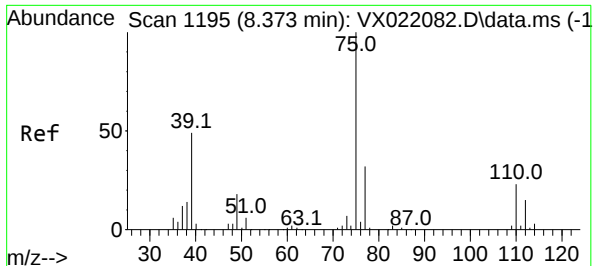
Tgt Ion: 98 Resp: 169412
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 30.10 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

Tgt Ion: 43 Resp: 45530
Ion Ratio Lower Upper
43 100
58 6.0 35.4 53.0#

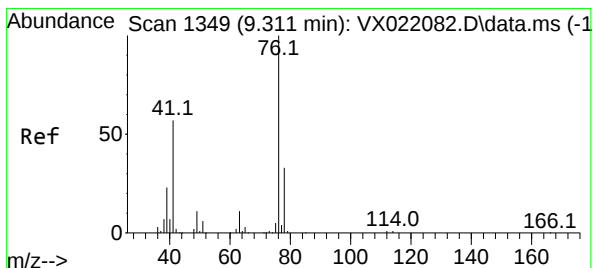
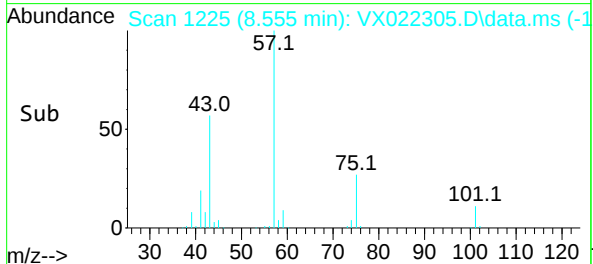
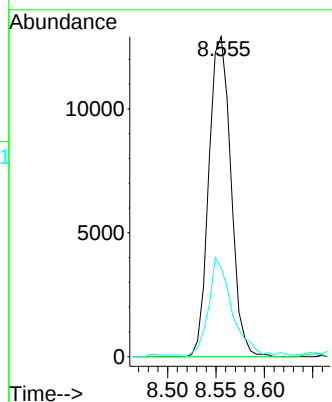
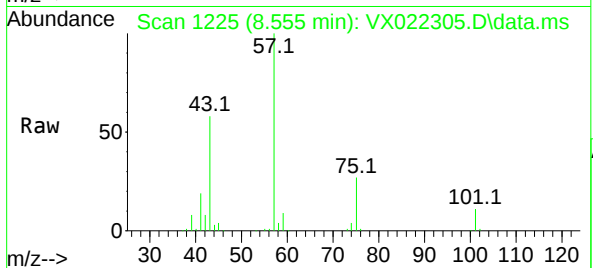




#54
cis-1,3-Dichloropropene
Concen: 12.30 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

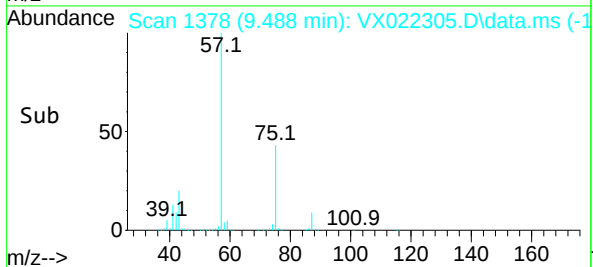
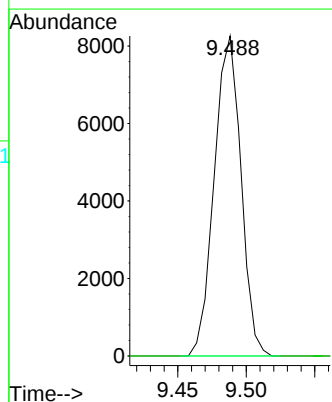
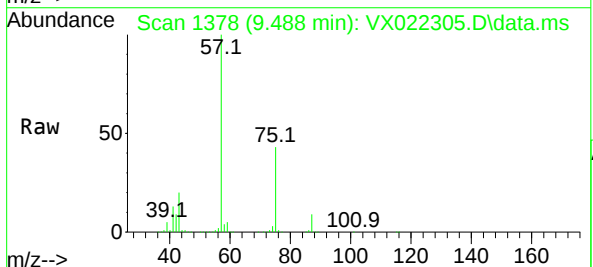
Instrument :
MSVOA_X
ClientSampleId :
S1-A-BOTTOM

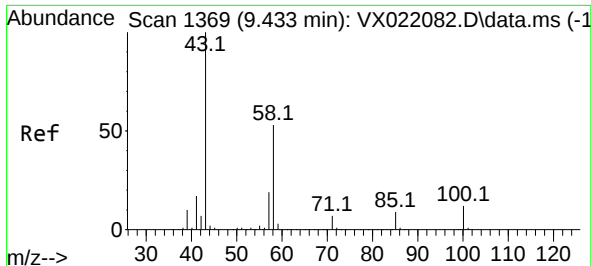
Tgt Ion: 75 Resp: 20484
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 27.3 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 6.58 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

Tgt Ion: 76 Resp: 11194
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

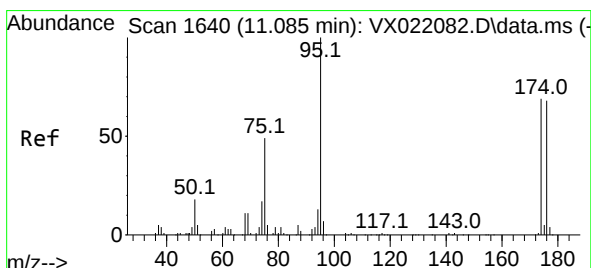
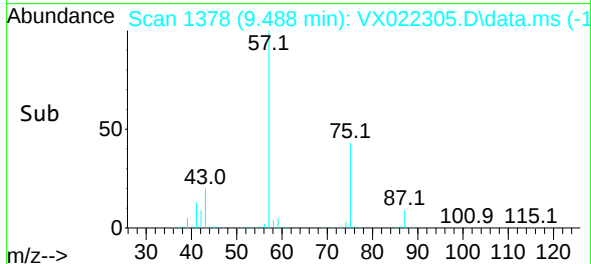
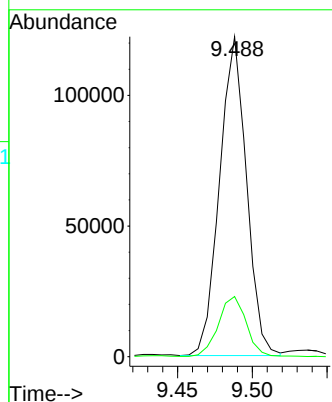
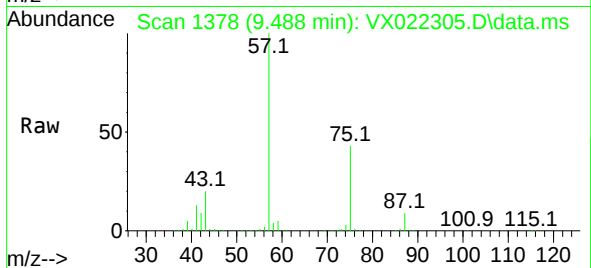




#59
2-Hexanone
Concen: 134.11 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

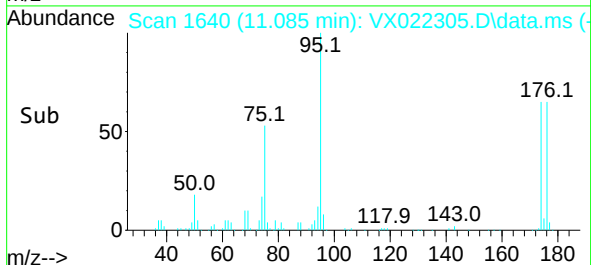
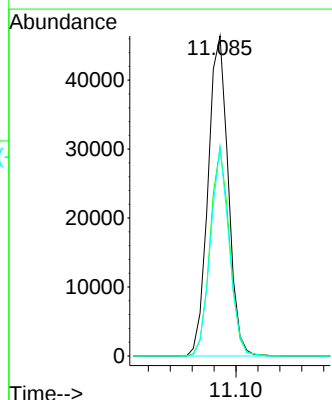
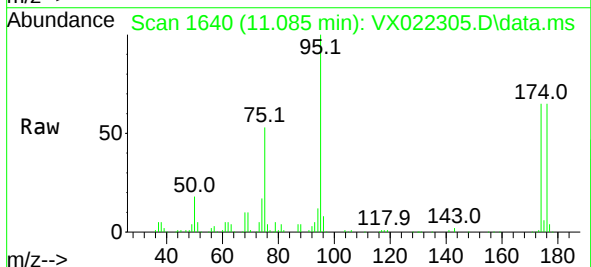
Instrument :
MSVOA_X
ClientSampled :
S1-A-BOTTOM

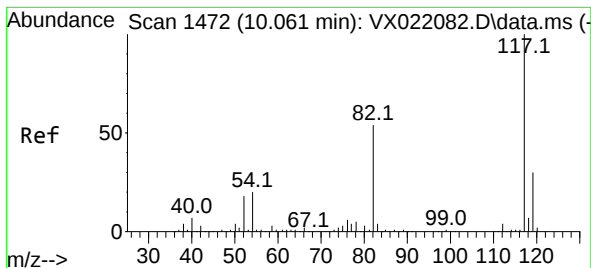
Tgt Ion: 43 Resp: 152553
Ion Ratio Lower Upper
43 100
58 19.8 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.99 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

Tgt Ion: 95 Resp: 59013
Ion Ratio Lower Upper
95 100
174 62.7 0.0 154.6
176 60.8 0.0 155.8

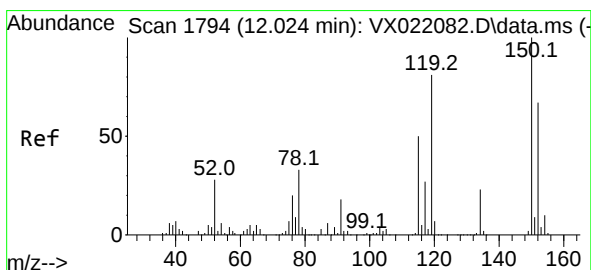
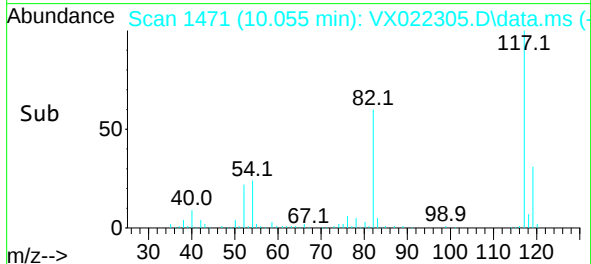
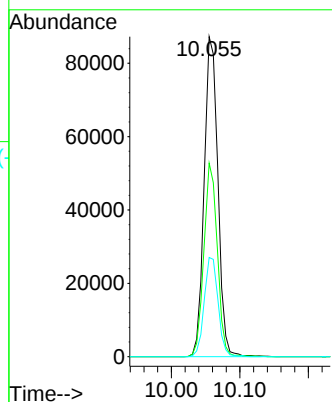
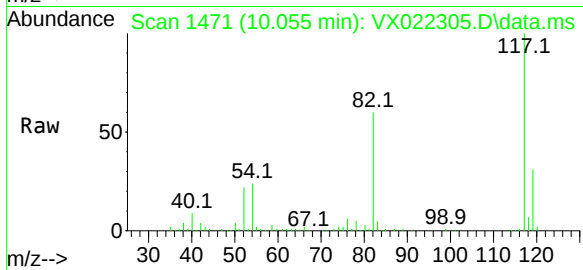




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

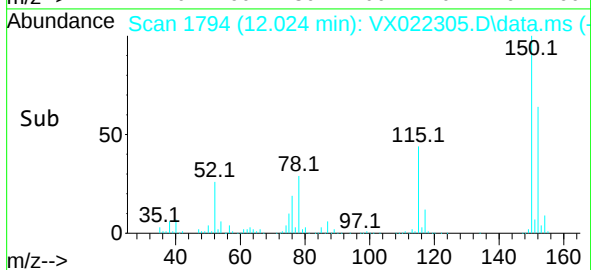
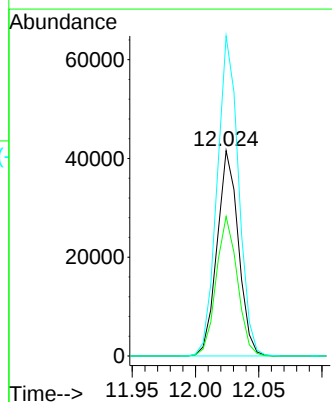
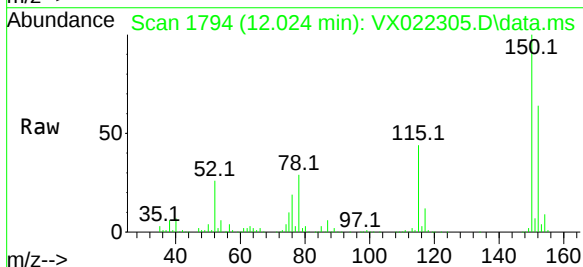
Instrument :
MSVOA_X
ClientSampleId :
S1-A-BOTTOM

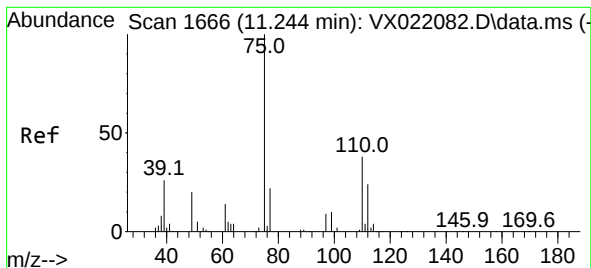
Tgt Ion:117 Resp: 121838
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 31.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022305.D
Acq: 01 Jun 2021 20:55

Tgt Ion:152 Resp: 48587
Ion Ratio Lower Upper
152 100
115 67.4 41.1 123.3
150 157.0 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 25.76 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX022305.D

Acq: 01 Jun 2021 20:55

Tgt Ion: 75 Resp: 30873

Ion Ratio Lower Upper

75 100

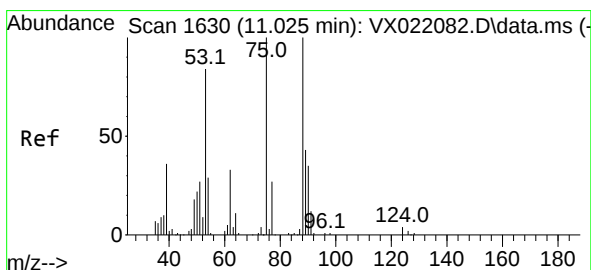
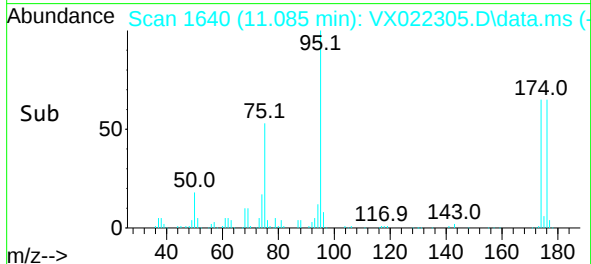
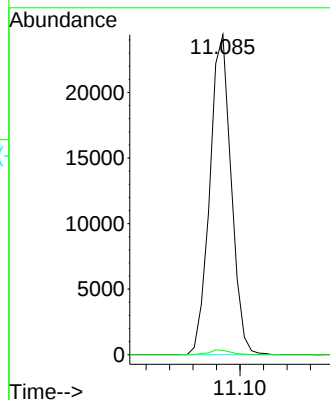
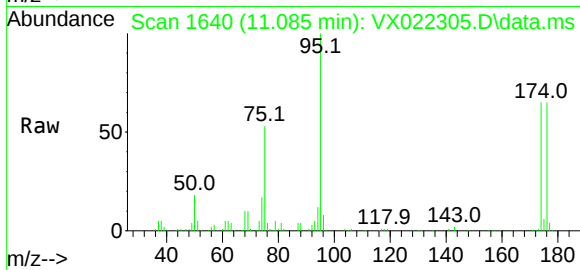
77 1.5 19.1 57.5#

Instrument :

MSVOA_X

ClientSampleId :

S1-A-BOTTOM



#81

trans-1,4-Dichloro-2-butene

Concen: 61.03 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.060 min

Lab File: VX022305.D

Acq: 01 Jun 2021 20:55

Tgt Ion: 75 Resp: 30873

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

