

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022445.D
 Acq On : 05 Jun 2021 04:23
 Operator : JC/MD
 Sample : PB136806ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

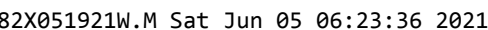
Quant Time: Jun 05 06:23:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

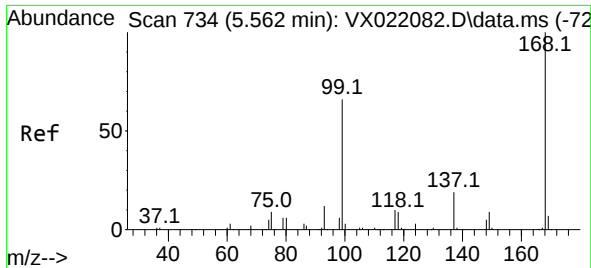
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	65261	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	134263	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54909	54.544	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.080%			
35) Dibromofluoromethane	5.397	113	39730	46.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.320%			
50) Toluene-d8	8.653	98	169336	51.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.260%			
62) 4-Bromofluorobenzene	11.085	95	58778	48.485	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.980%			
Target Compounds						
						Qvalue
5) Bromomethane	1.605	94	155	0.294	ug/l	# 2
11) Tert butyl alcohol	2.953	59	2181	9.472	ug/l	# 73
16) Acetone	2.386	43	6991	15.949	ug/l	96
18) Methyl Acetate	2.709	43	1946	1.669	ug/l	# 84
20) Methylene Chloride	2.794	84	4663	4.791	ug/l	99
25) 2-Butanone	4.574	43	2356	3.322	ug/l	# 76
29) Tetrahydrofuran	5.044	42	624	1.478	ug/l	# 47
31) Cyclohexane	5.562	56	1883	1.488	ug/l	# 10
36) 1,1-Dichloropropene	5.556	75	6674	5.376	ug/l	# 48
37) Ethyl Acetate	4.720	43	330	0.217	ug/l	# 64
38) Carbon Tetrachloride	5.562	117	7410	6.101	ug/l	# 17
43) Isopropyl Acetate	6.348	43	14409	5.788	ug/l	# 92
48) Methyl methacrylate	7.598	41	4242	3.698	ug/l	# 10
49) 1,4-Dioxane	7.799	88	67	3.000	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	50597	33.931	ug/l	# 45
52) Toluene	8.720	92	601	0.248	ug/l	94
54) cis-1,3-Dichloropropene	8.555	75	23216	14.141	ug/l	# 63
57) 1,3-Dichloropropane	9.488	76	13534	8.072	ug/l	# 43
59) 2-Hexanone	9.378	43	5647	5.035	ug/l	# 19
74) N-amyl acetate	10.774	43	537	0.285	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	31511	27.241	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.457	105	2408	0.732	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.085	75	31511	64.543	ug/l	# 12

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

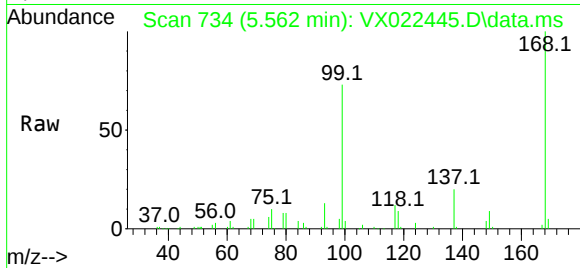
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Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



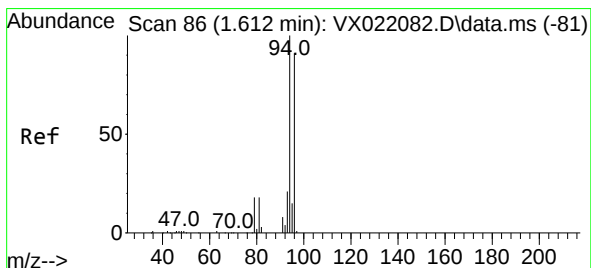
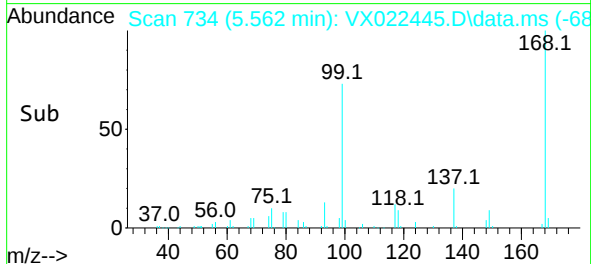
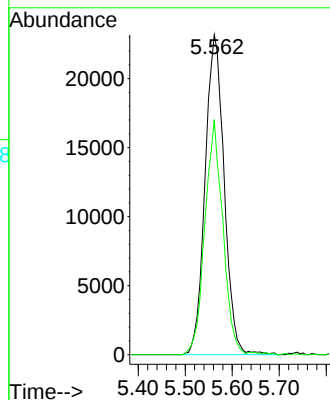


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

Instrument :
MSVOA_X
ClientSampleId :

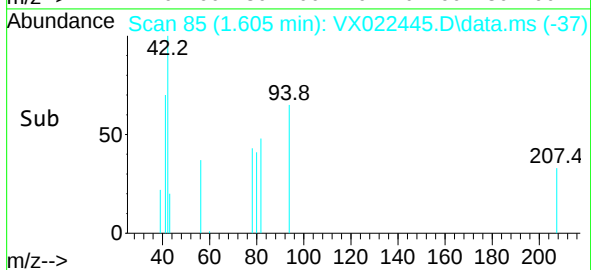
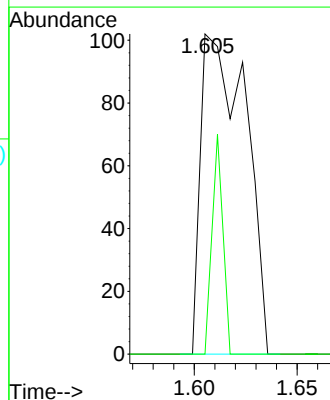
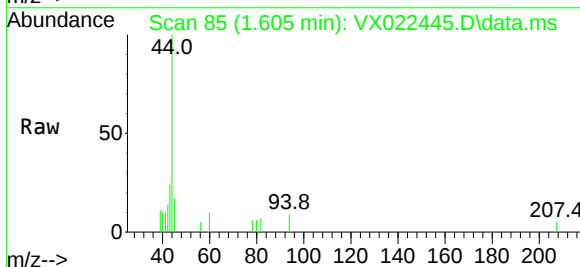


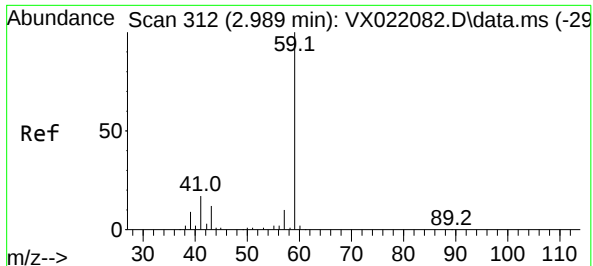
Tgt Ion:168 Resp: 65261
Ion Ratio Lower Upper
168 100
99 73.5 45.8 68.6#



#5
Bromomethane
Concen: 0.294 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.007 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

Tgt Ion: 94 Resp: 155
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



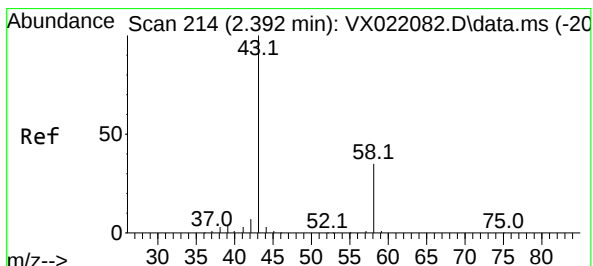
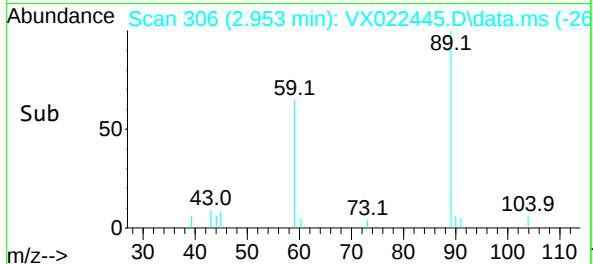
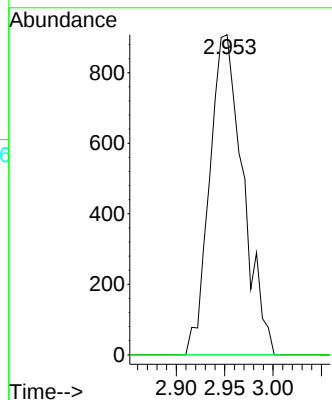
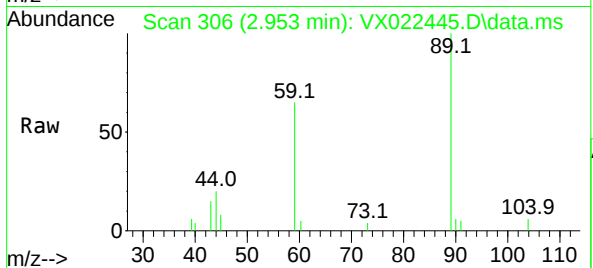


#11

Tert butyl alcohol
Concen: 9.472 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

Instrument :
MSVOA_X
ClientSampled :

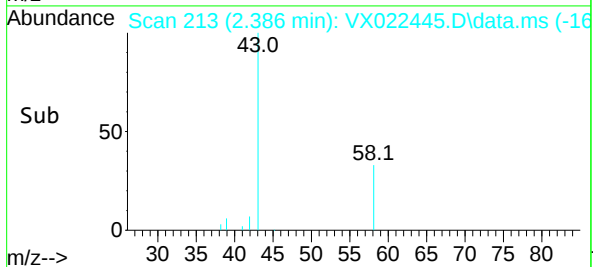
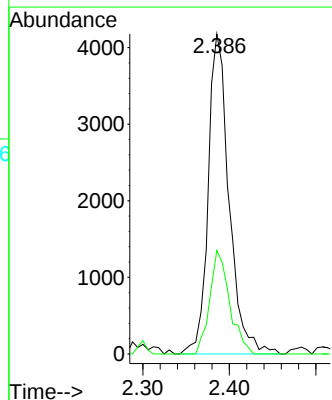
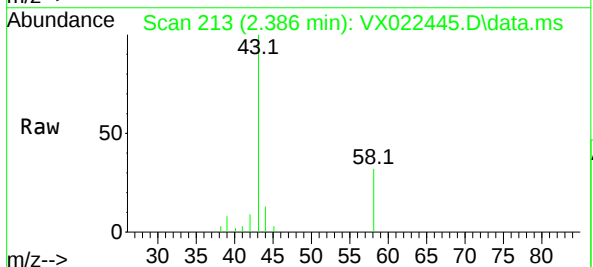
Tgt Ion: 59 Resp: 2181
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

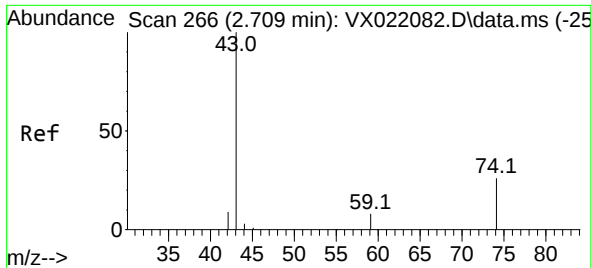


#16

Acetone
Concen: 15.949 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

Tgt Ion: 43 Resp: 6991
Ion Ratio Lower Upper
43 100
58 32.3 27.8 41.8

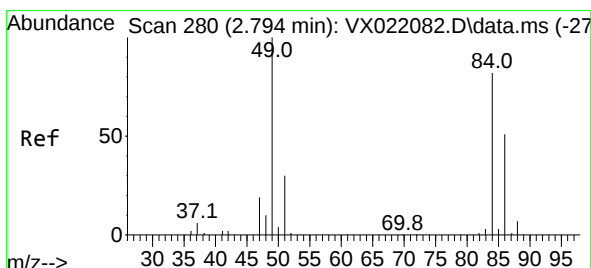
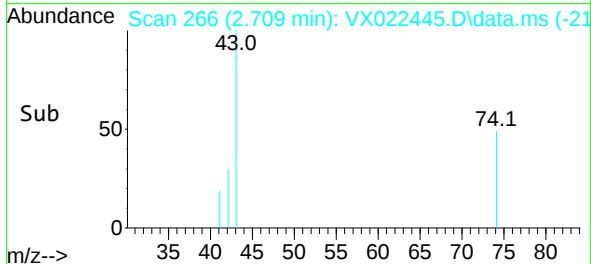
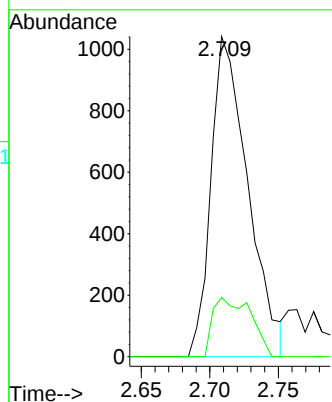
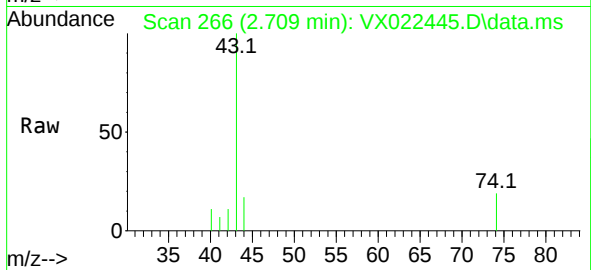




#18
Methyl Acetate
Concen: 1.669 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

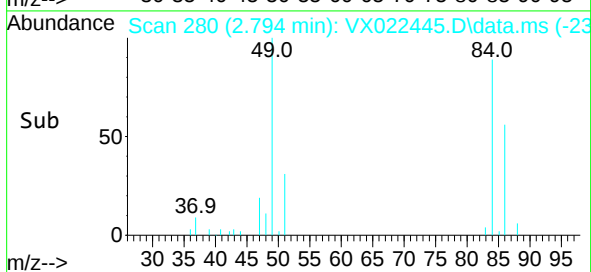
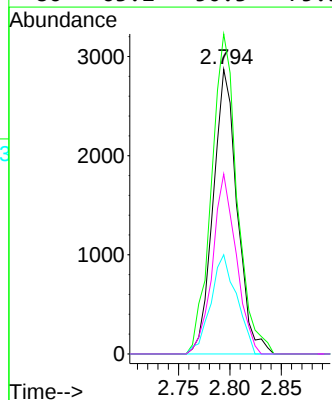
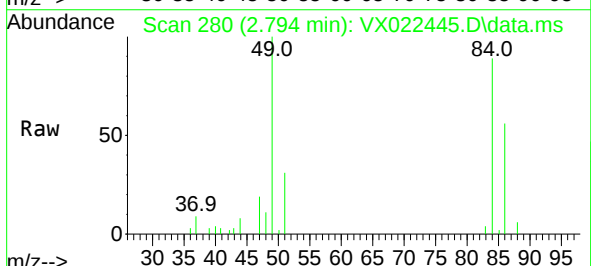
Instrument :
MSVOA_X
ClientSampleId :

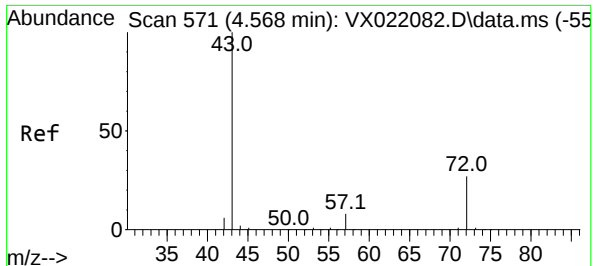
Tgt Ion: 43 Resp: 1946
Ion Ratio Lower Upper
43 100
74 19.1 21.9 32.9#



#20
Methylene Chloride
Concen: 4.791 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

Tgt Ion: 84 Resp: 4663
Ion Ratio Lower Upper
84 100
49 112.4 88.6 132.8
51 34.8 27.0 40.6
86 63.2 50.3 75.5

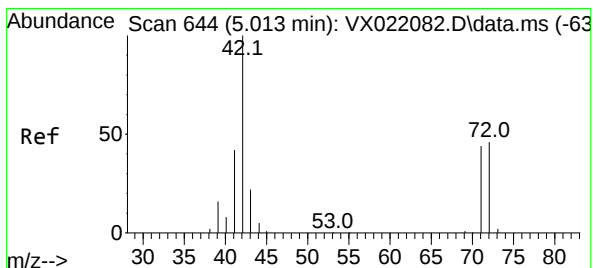
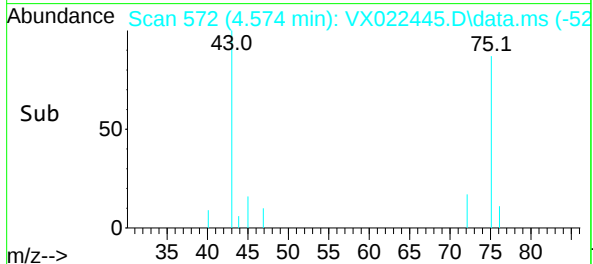
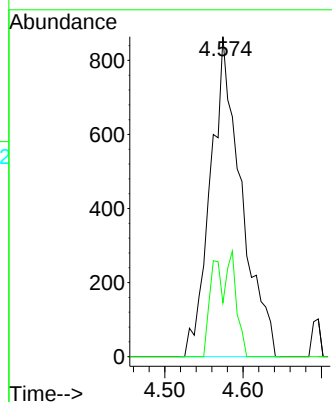
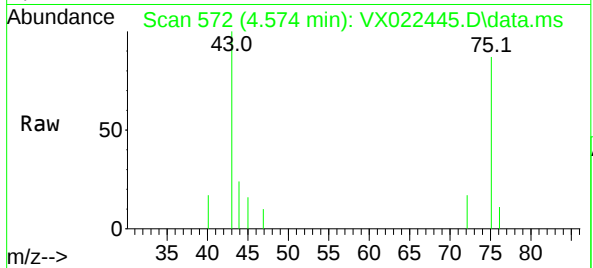




#25
2-Butanone
Concen: 3.322 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

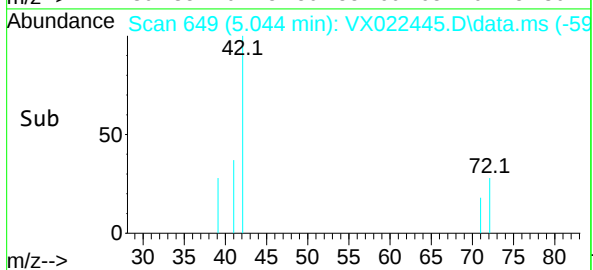
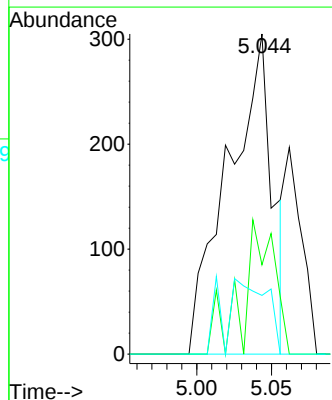
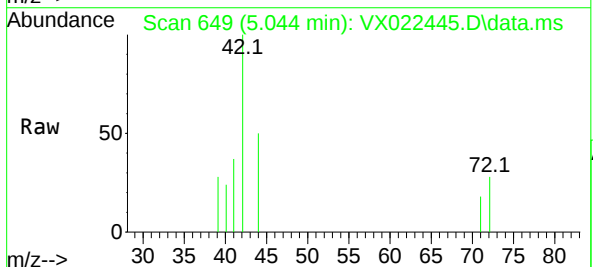
Instrument :
MSVOA_X
ClientSampled :

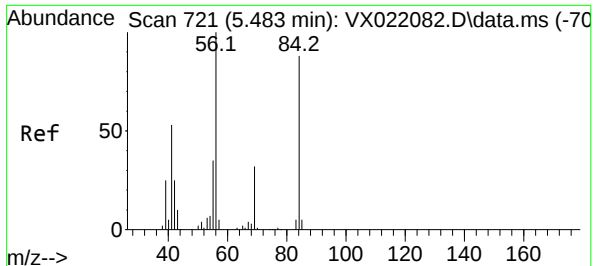
Tgt Ion: 43 Resp: 2356
Ion Ratio Lower Upper
43 100
72 16.8 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.478 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.031 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

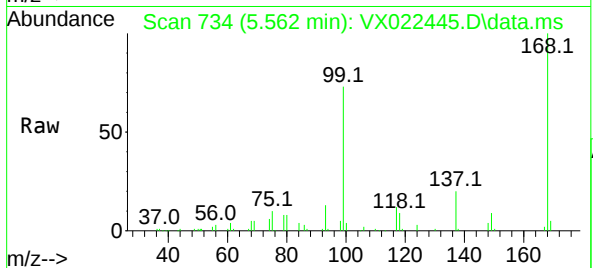
Tgt Ion: 42 Resp: 624
Ion Ratio Lower Upper
42 100
72 26.6 41.7 62.5#
71 0.0 38.4 57.6#



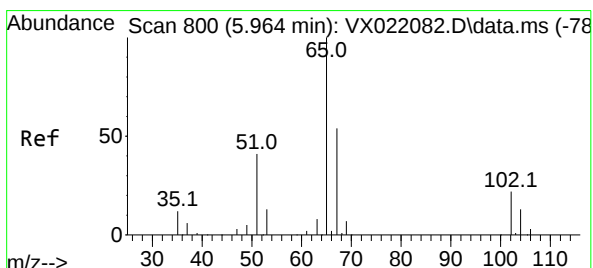
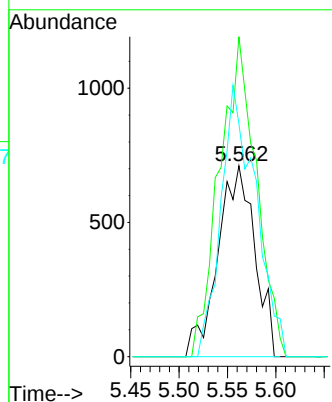
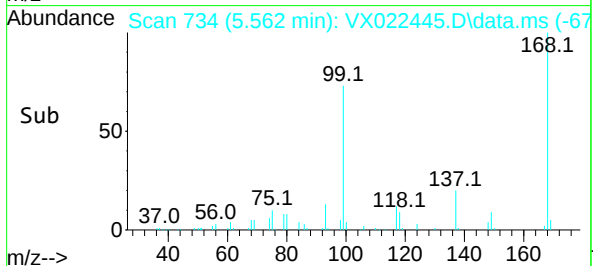


#31
Cyclohexane
Concen: 1.488 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

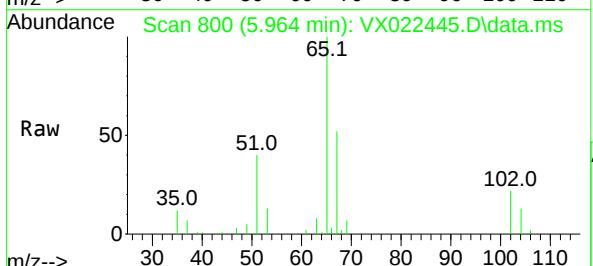
Instrument :
MSVOA_X
ClientSampleId :



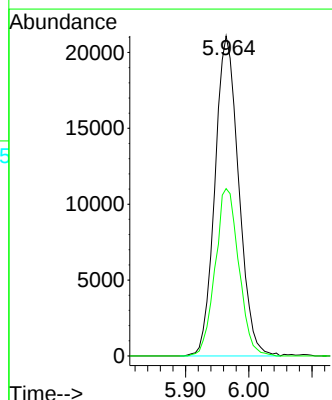
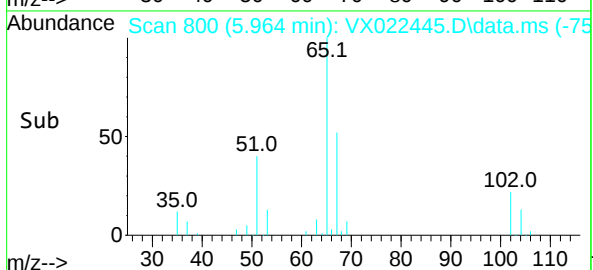
Tgt Ion: 56 Resp: 1883
Ion Ratio Lower Upper
56 100
69 167.7 25.3 37.9#
84 121.9 71.4 107.0#

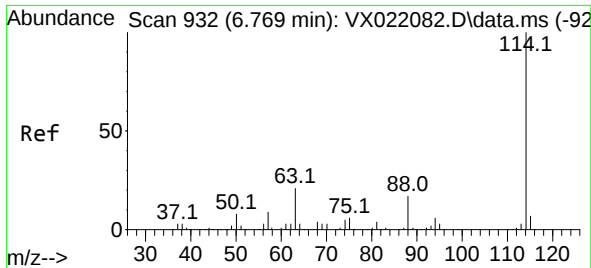


#33
1,2-Dichloroethane-d4
Concen: 54.544 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23



Tgt Ion: 65 Resp: 54909
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

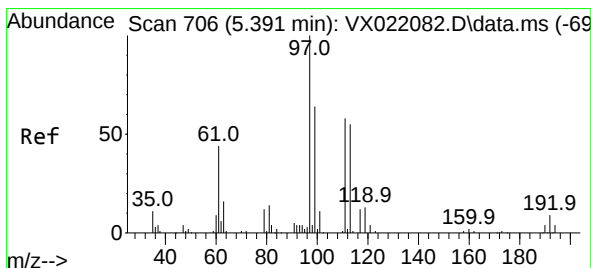
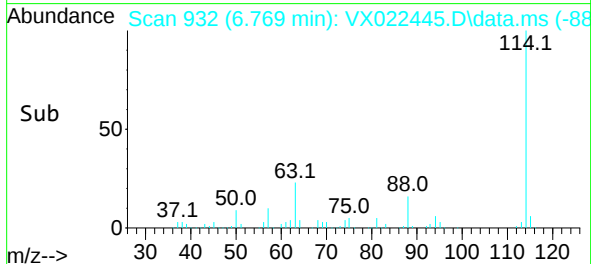
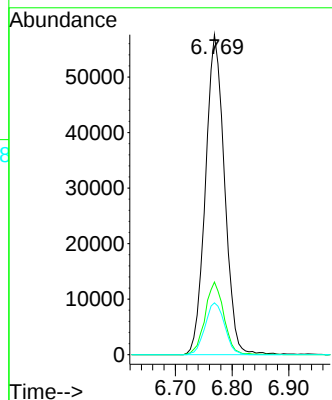
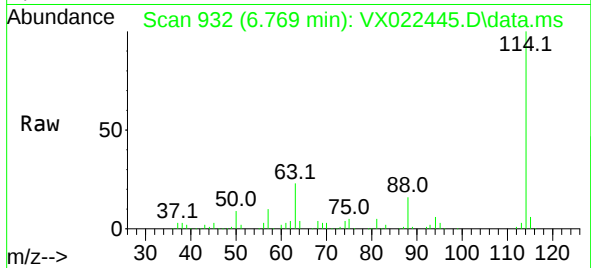




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

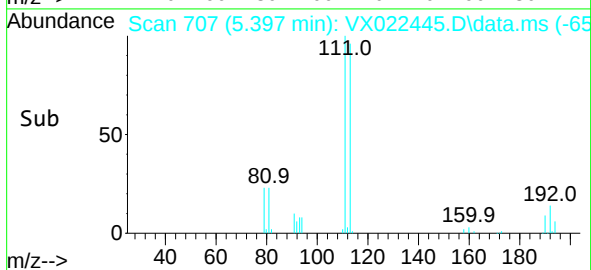
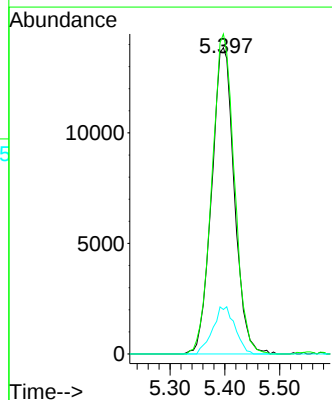
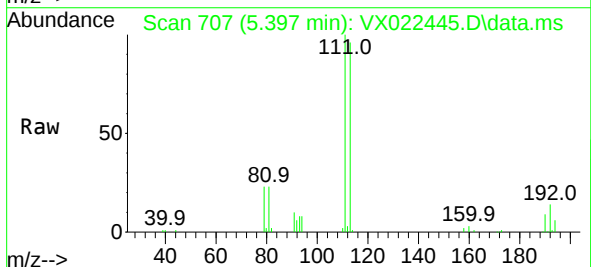
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MSVOA_X
ClientSampled :

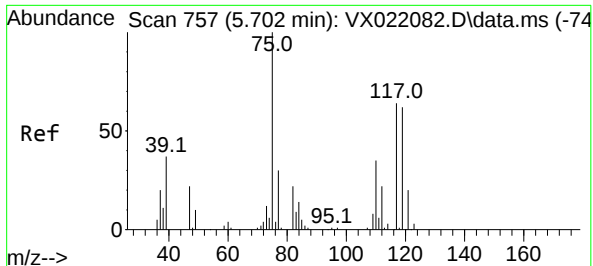
Tgt Ion:114 Resp: 134263
Ion Ratio Lower Upper
114 100
63 22.7 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.663 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

Tgt Ion:113 Resp: 39730
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 15.1 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.376 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022445.D

Acq: 05 Jun 2021 04:23

Tgt Ion: 75 Resp: 6674

Ion Ratio Lower Upper

75 100

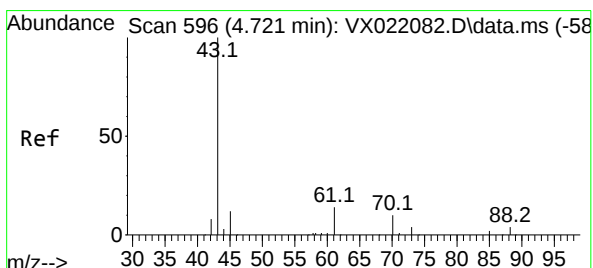
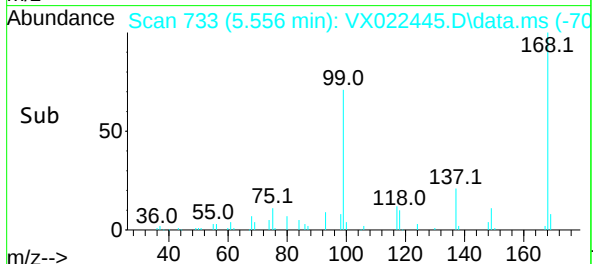
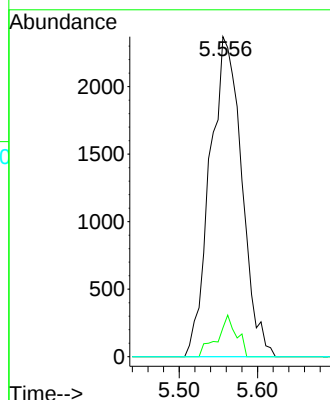
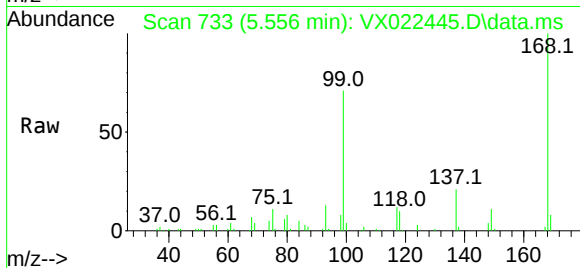
110 8.0 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :



#37

Ethyl Acetate

Concen: 0.217 ug/l

RT: 4.720 min Scan# 596

Delta R.T. -0.001 min

Lab File: VX022445.D

Acq: 05 Jun 2021 04:23

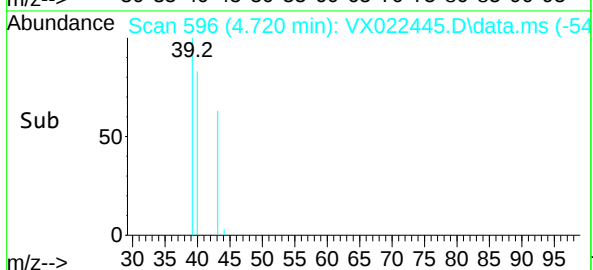
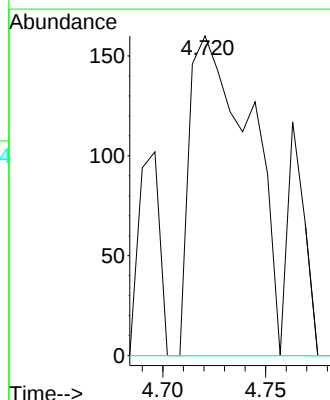
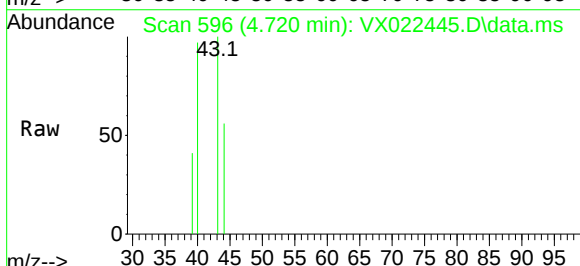
Tgt Ion: 43 Resp: 330

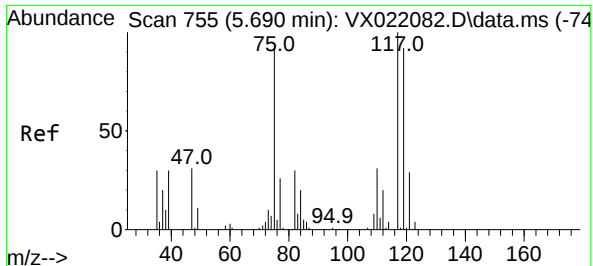
Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

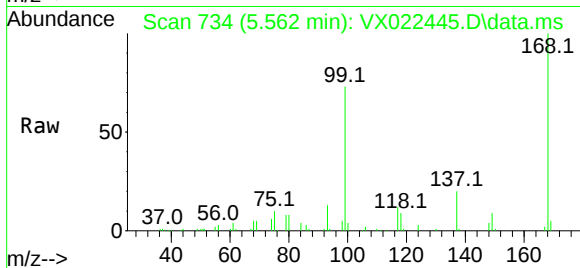
70 0.0 10.5 15.7#



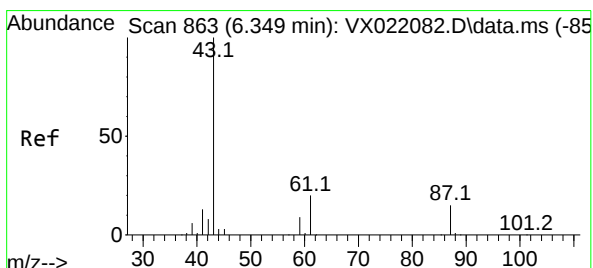
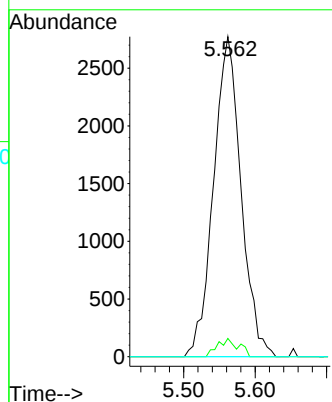
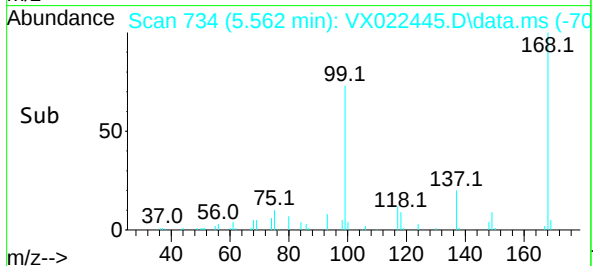


#38
Carbon Tetrachloride
Concen: 6.101 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

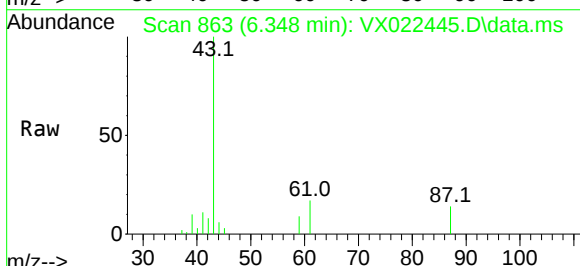
Instrument :
MSVOA_X
ClientSampled :



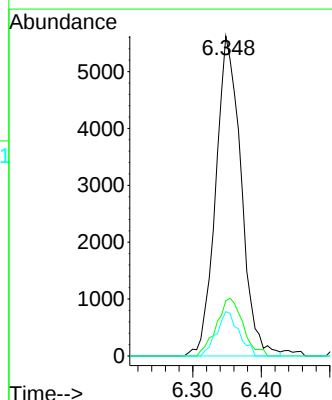
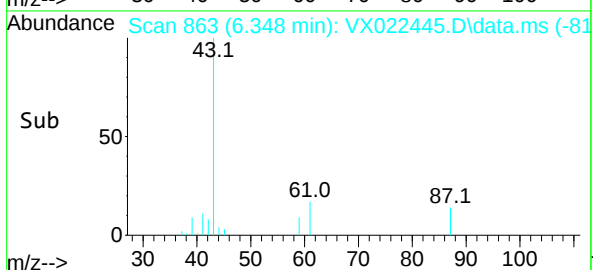
Tgt Ion:117 Resp: 7410
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

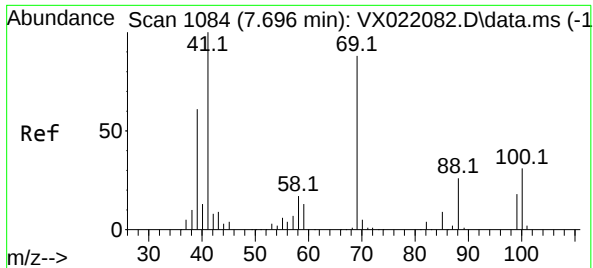


#43
Isopropyl Acetate
Concen: 5.788 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23



Tgt Ion: 43 Resp: 14409
Ion Ratio Lower Upper
43 100
61 18.8 18.2 27.4
87 12.1 12.5 18.7#

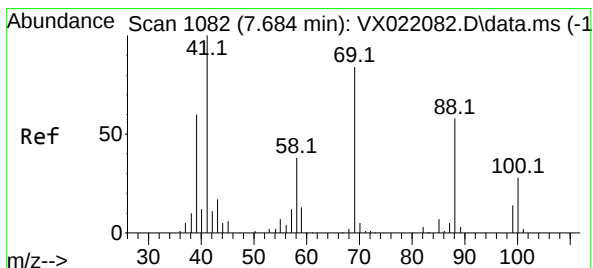
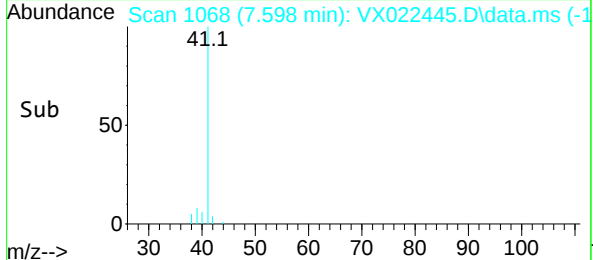
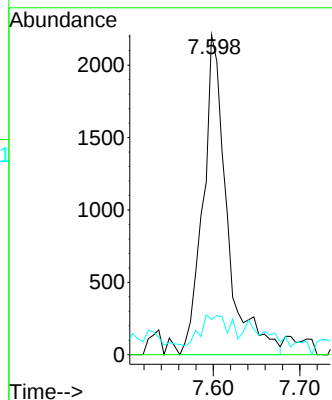
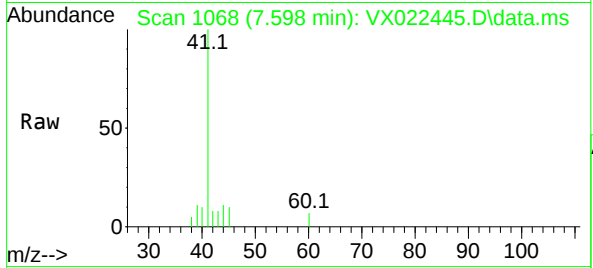




#48
Methyl methacrylate
Concen: 3.698 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

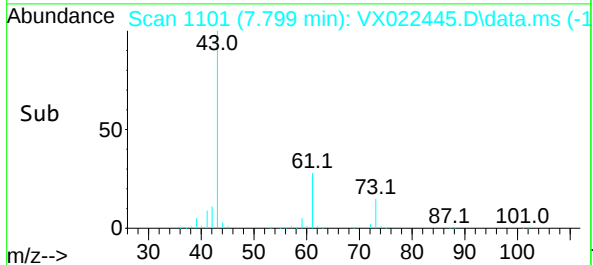
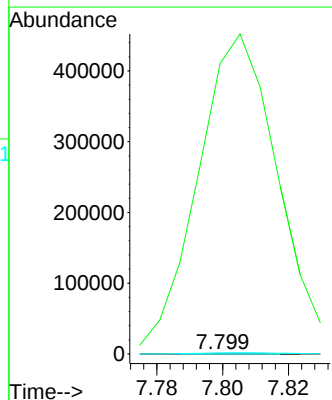
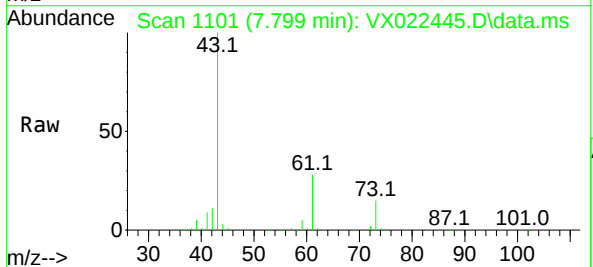
Instrument :
MSVOA_X
ClientSampled :

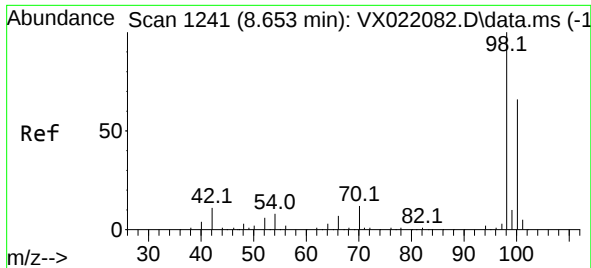
Tgt Ion: 41 Resp: 4242
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.000 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.115 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 1161453.7 23.2 34.8#
58 4629.9 55.0 82.4#

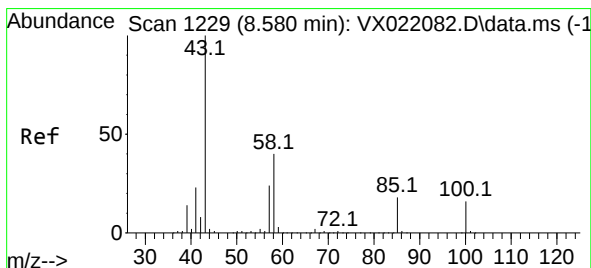
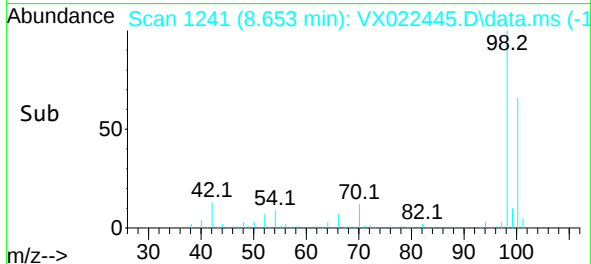
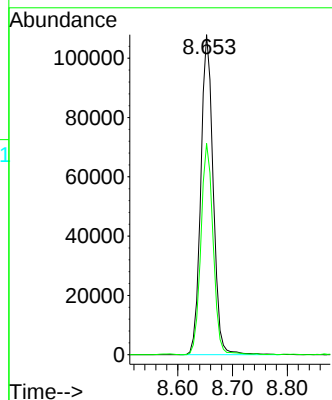
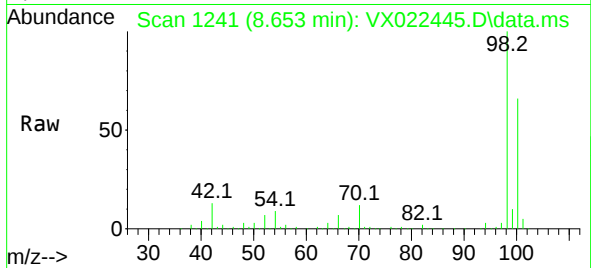




#50
Toluene-d8
Concen: 51.630 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

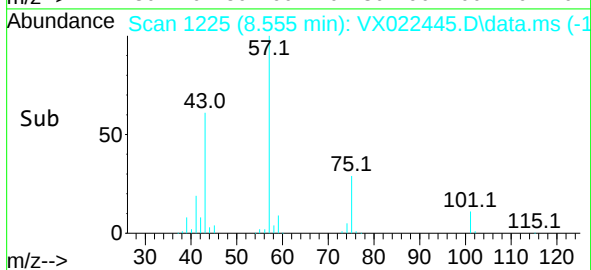
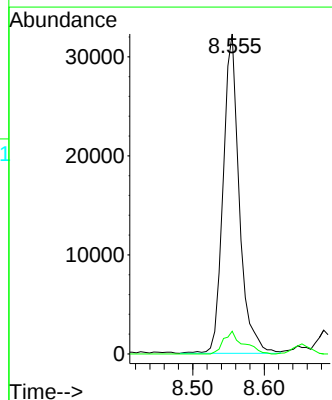
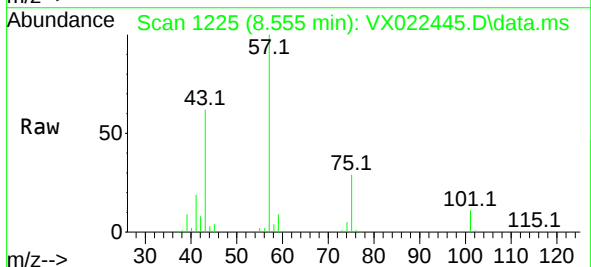
Instrument :
MSVOA_X
ClientSampled :

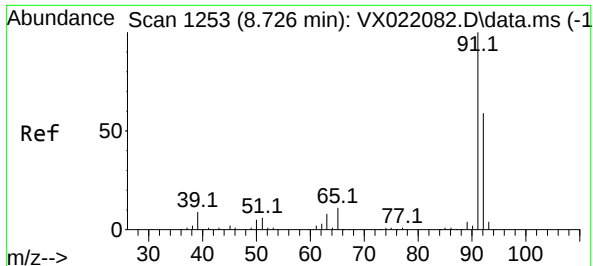
Tgt Ion: 98 Resp: 169336
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 33.931 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

Tgt Ion: 43 Resp: 50597
Ion Ratio Lower Upper
43 100
58 8.6 35.4 53.0#

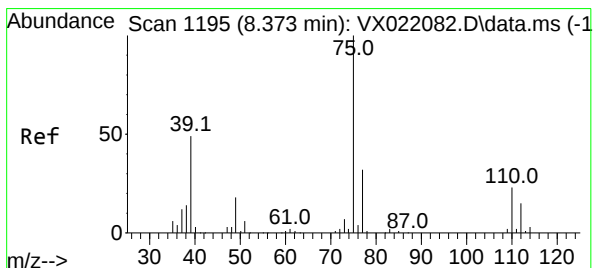
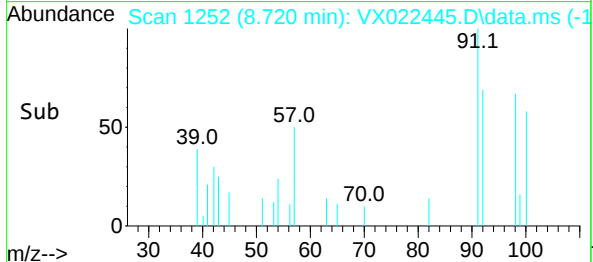
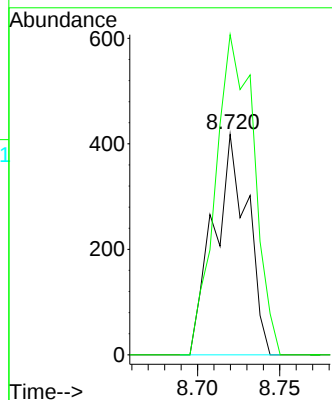
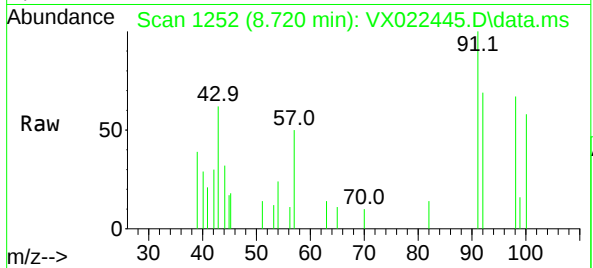




#52
Toluene
Concen: 0.248 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

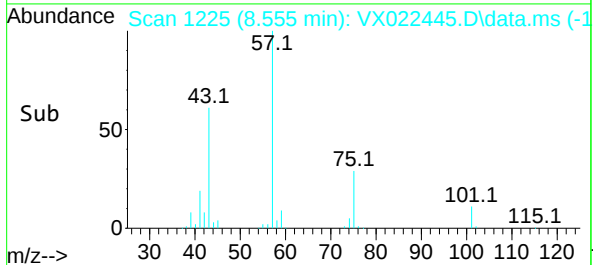
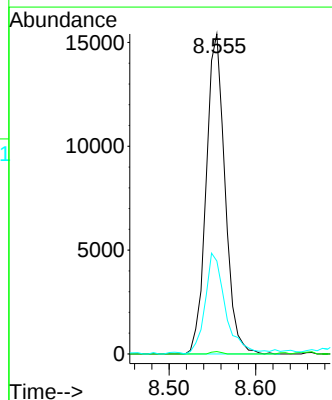
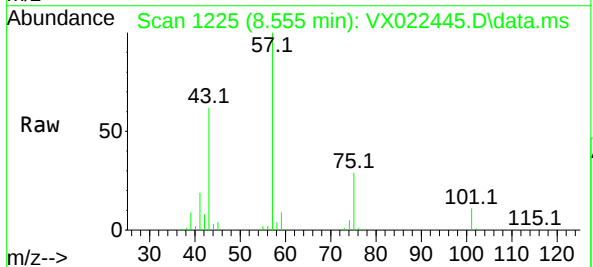
Instrument :
MSVOA_X
ClientSampled :

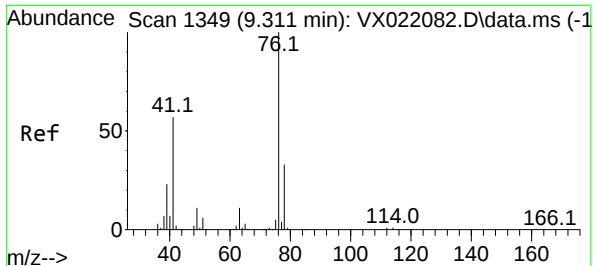
Tgt Ion: 92 Resp: 601
Ion Ratio Lower Upper
92 100
91 163.6 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 14.141 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

Tgt Ion: 75 Resp: 23216
Ion Ratio Lower Upper
75 100
77 0.8 25.7 38.5#
39 28.6 35.1 52.7#



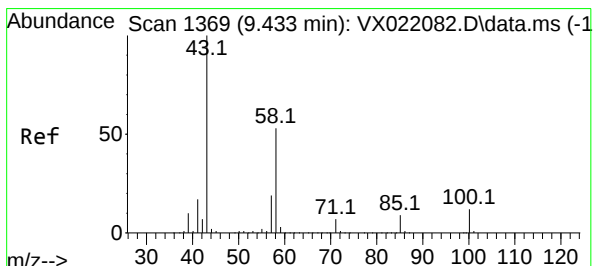
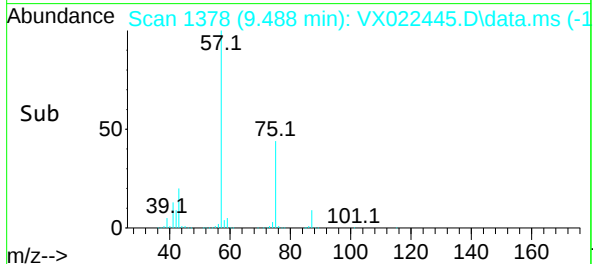
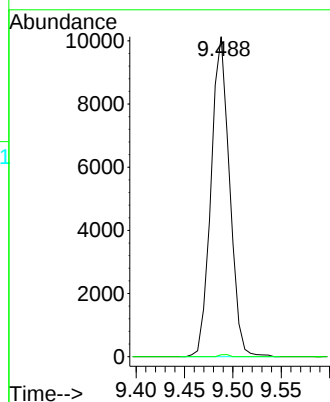
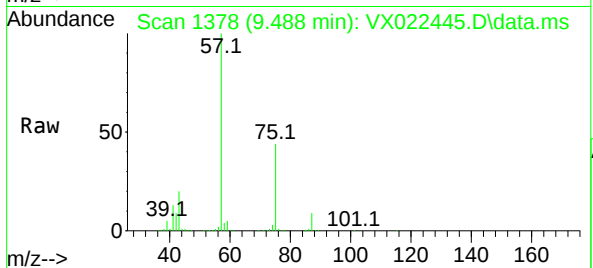


#57

1,3-Dichloropropane
Concen: 8.072 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

Instrument :
MSVOA_X
ClientSampled :

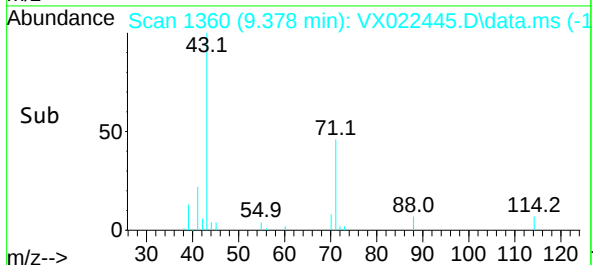
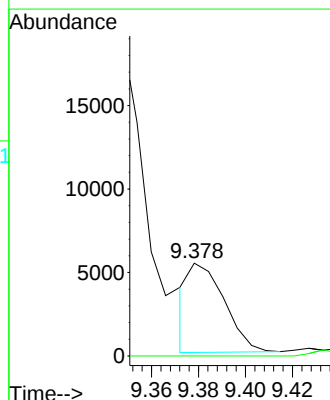
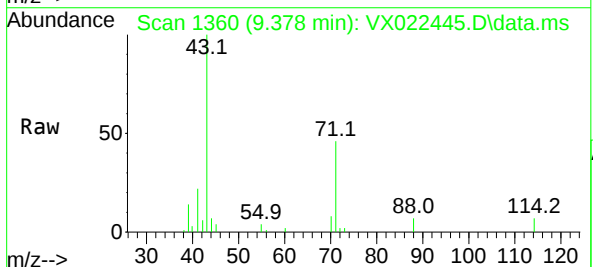
Tgt Ion: 76 Resp: 13534
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

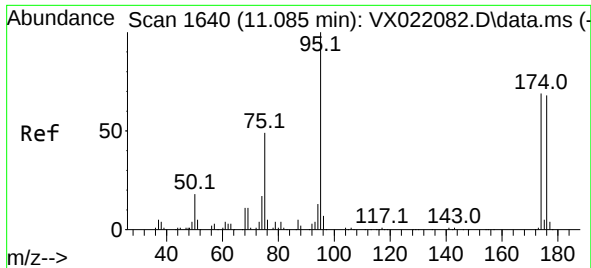


#59

2-Hexanone
Concen: 5.035 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

Tgt Ion: 43 Resp: 5647
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

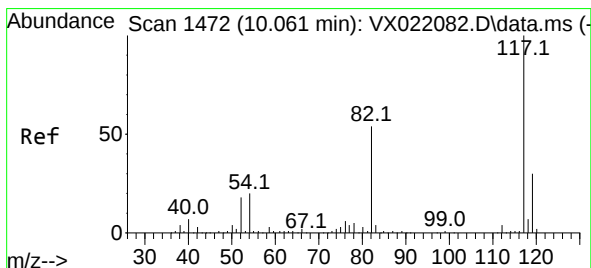
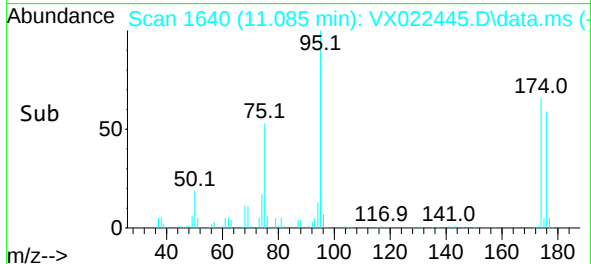
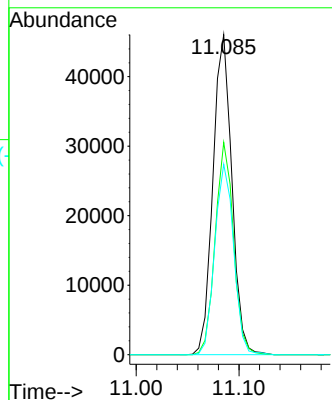
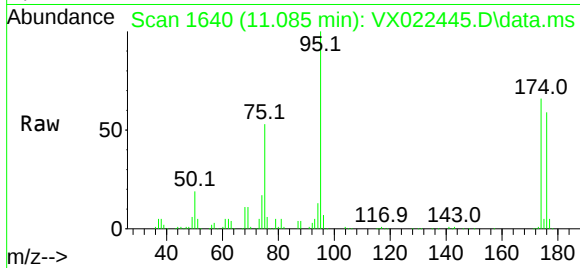




#62
4-Bromofluorobenzene
Concen: 48.485 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

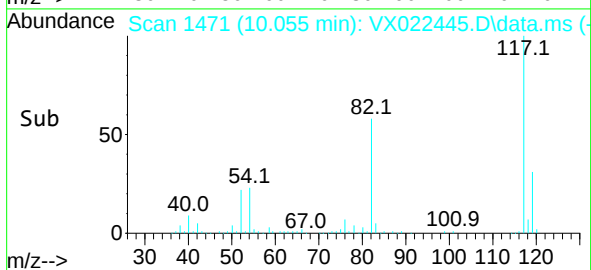
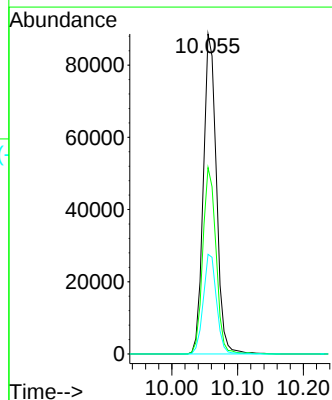
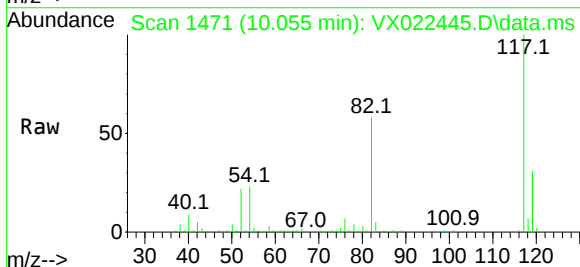
Instrument :
MSVOA_X
ClientSampleId :

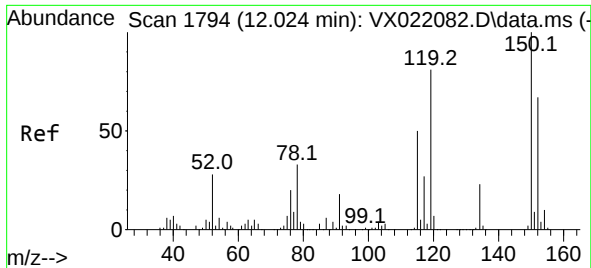
Tgt Ion: 95 Resp: 58778
Ion Ratio Lower Upper
95 100
174 64.1 0.0 154.6
176 59.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

Tgt Ion: 117 Resp: 122406
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 31.2 26.6 39.8

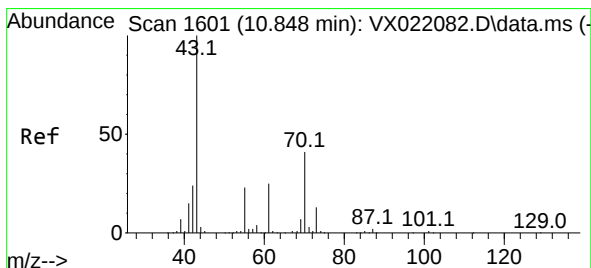
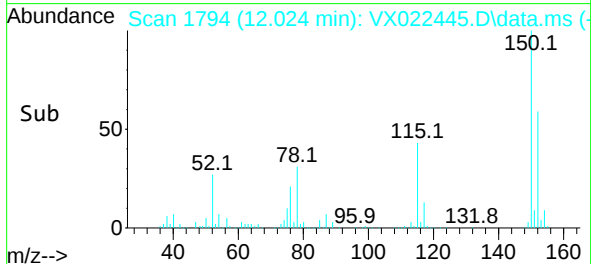
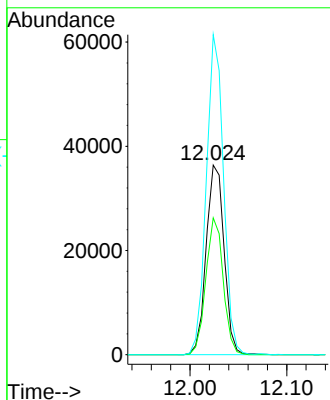
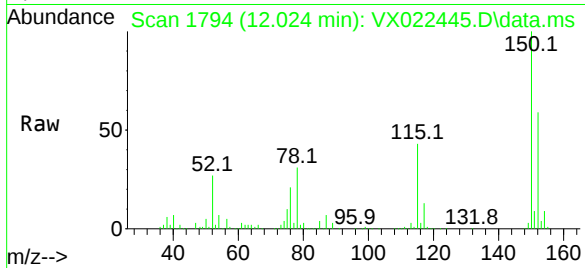




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022445.D
 Acq: 05 Jun 2021 04:23

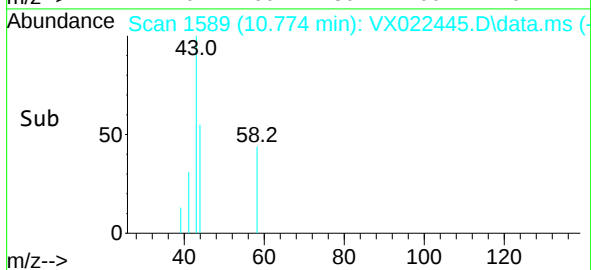
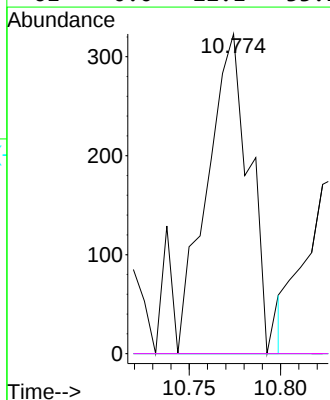
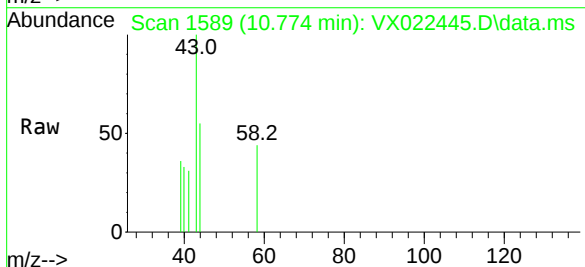
Instrument :
 MSVOA_X
 ClientSampleId :

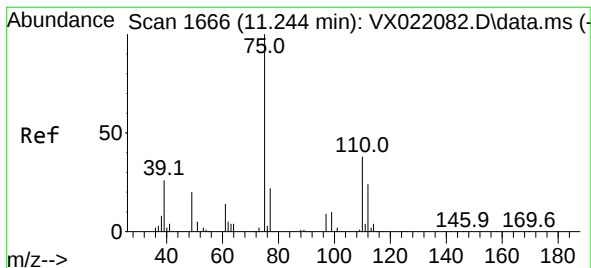
Tgt Ion:152 Resp: 46889
 Ion Ratio Lower Upper
 152 100
 115 69.7 41.1 123.3
 150 161.8 0.0 349.0



#74
 N-ethyl acetate
 Concen: 0.285 ug/l
 RT: 10.774 min Scan# 1589
 Delta R.T. -0.074 min
 Lab File: VX022445.D
 Acq: 05 Jun 2021 04:23

Tgt Ion: 43 Resp: 537
 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#

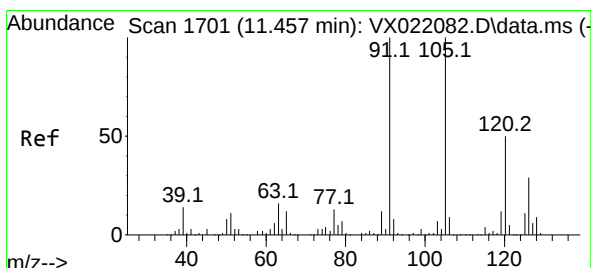
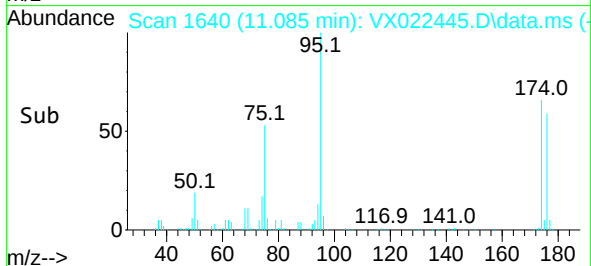
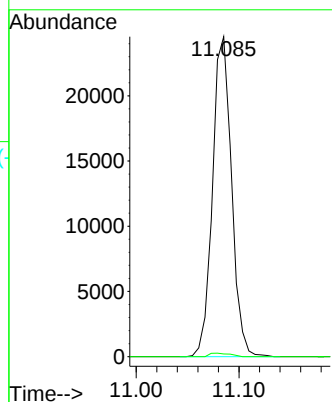
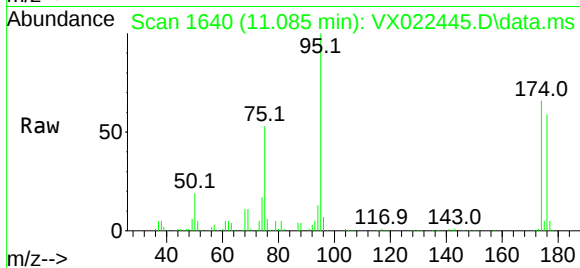




#76
1,2,3-Trichloropropane
Concen: 27.241 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

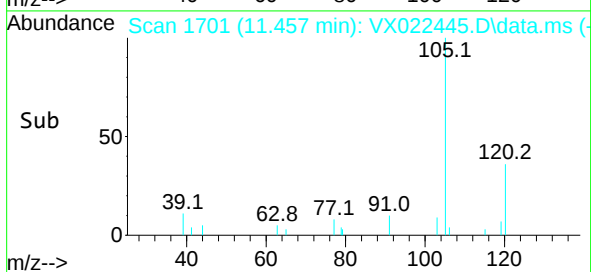
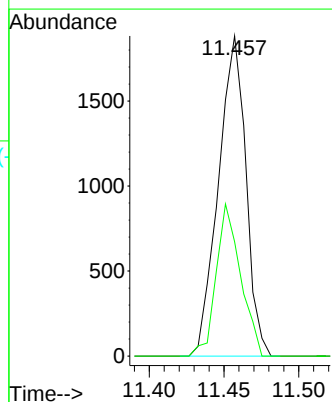
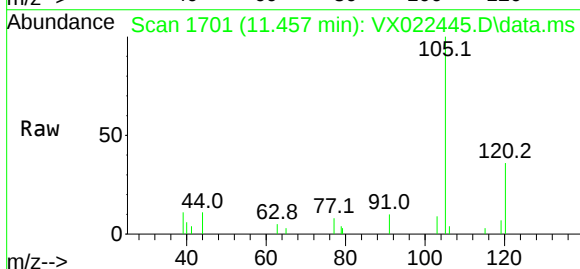
Instrument :
MSVOA_X
ClientSampled :

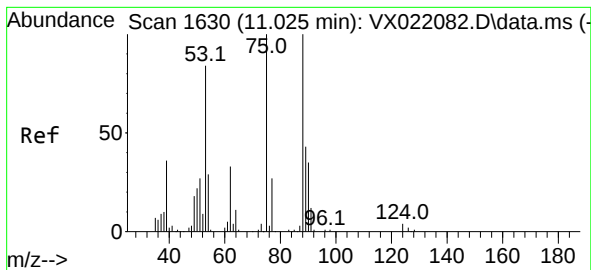
Tgt Ion: 75 Resp: 31511
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.732 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022445.D
Acq: 05 Jun 2021 04:23

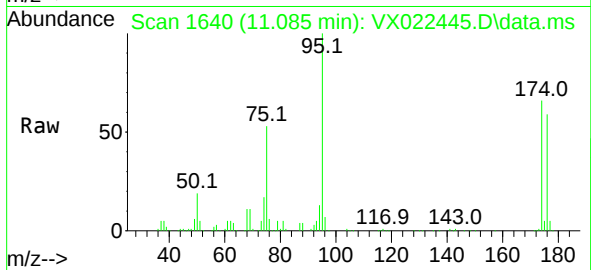
Tgt Ion: 105 Resp: 2408
Ion Ratio Lower Upper
105 100
120 42.2 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.543 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022445.D
 Acq: 05 Jun 2021 04:23

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 31511
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

