

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022464.D
 Acq On : 05 Jun 2021 12:13
 Operator : JC/MD
 Sample : M2580-25
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 03:22:07 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)

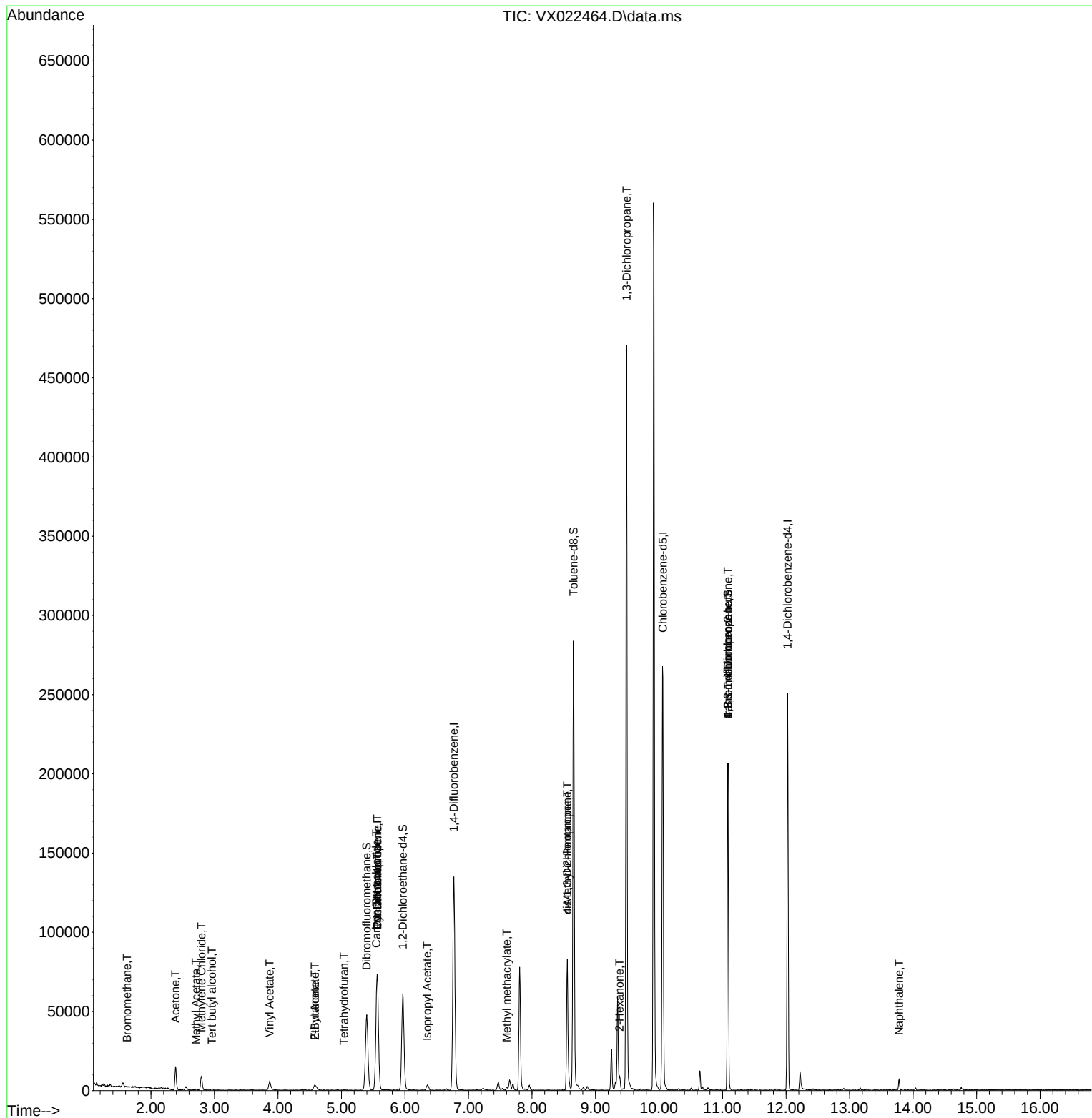
Internal Standards						
1) Pentafluorobenzene	5.562	168	63139	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	132464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	117340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54050	55.495	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.980%			
35) Dibromofluoromethane	5.397	113	39927	47.531	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.060%			
50) Toluene-d8	8.653	98	164455	50.823	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.640%			
62) 4-Bromofluorobenzene	11.085	95	55420	46.336	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.680%			
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	172	0.337	ug/l	# 67
11) Tert butyl alcohol	2.959	59	539	2.420	ug/l	# 73
16) Acetone	2.386	43	14993	35.353	ug/l	98
18) Methyl Acetate	2.709	43	749	0.664	ug/l	# 47
20) Methylene Chloride	2.794	84	3850	4.089	ug/l	85
23) Vinyl Acetate	3.867	43	893	0.362	ug/l	# 68
25) 2-Butanone	4.580	43	3954	5.763	ug/l	# 84
29) Tetrahydrofuran	5.038	42	398	0.975	ug/l	# 43
31) Cyclohexane	5.562	56	1811	1.480	ug/l	# 19
36) 1,1-Dichloropropene	5.562	75	6288	5.134	ug/l	# 46
37) Ethyl Acetate	4.580	43	3954	2.633	ug/l	# 64
38) Carbon Tetrachloride	5.550	117	7174	5.987	ug/l	# 16
43) Isopropyl Acetate	6.348	43	4673	1.903	ug/l	# 87
48) Methyl methacrylate	7.604	41	3113	2.750	ug/l	# 18
51) 4-Methyl-2-Pentanone	8.555	43	29728	20.207	ug/l	# 42
54) cis-1,3-Dichloropropene	8.555	75	13218	8.161	ug/l	# 63
57) 1,3-Dichloropropane	9.488	76	3925	2.373	ug/l	# 42
59) 2-Hexanone	9.378	43	4904	4.432	ug/l	# 19
76) 1,2,3-Trichloropropane	11.085	75	29252	26.409	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	29252	62.573	ug/l	# 12
95) Naphthalene	13.780	128	3892	1.108	ug/l	# 94

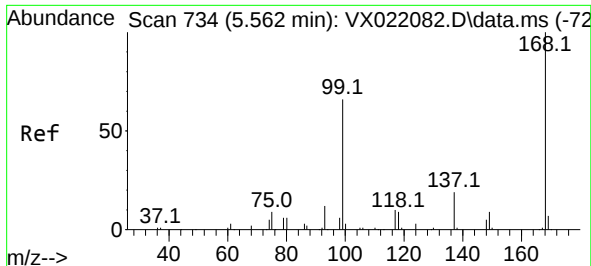
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

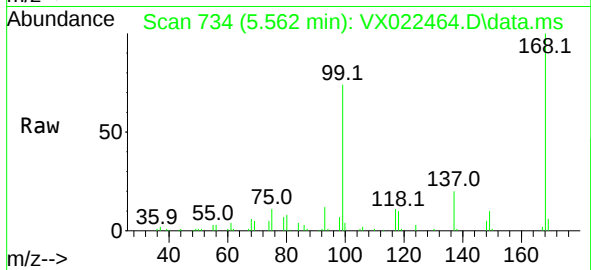
Quant Time: Jun 07 03:22:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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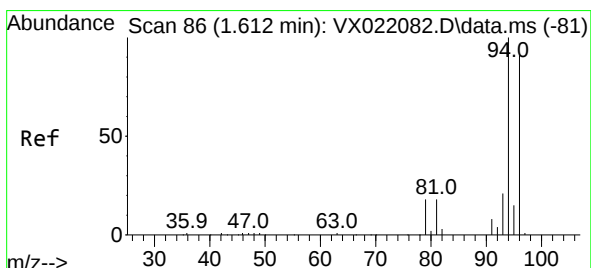
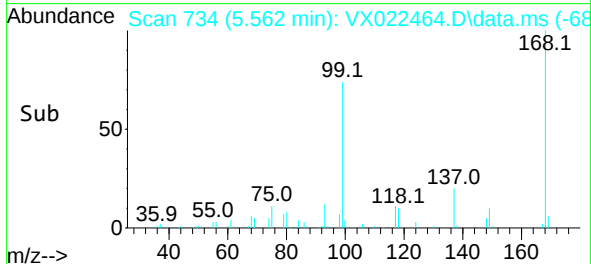
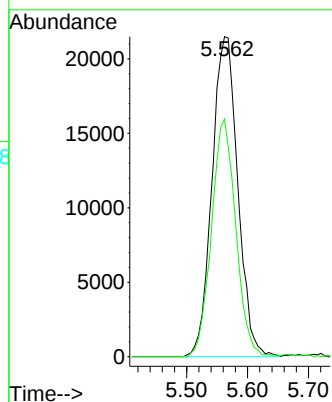


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

Instrument :
MSVOA_X
ClientSampleId :

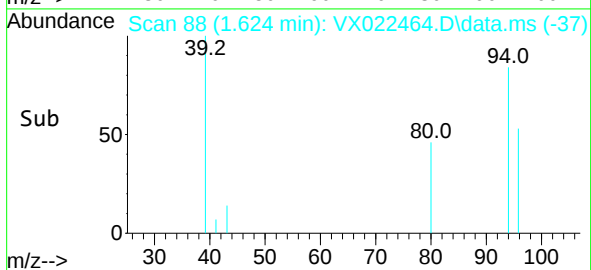
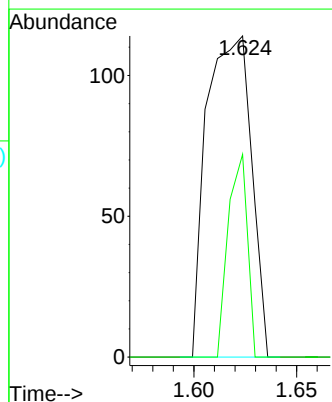
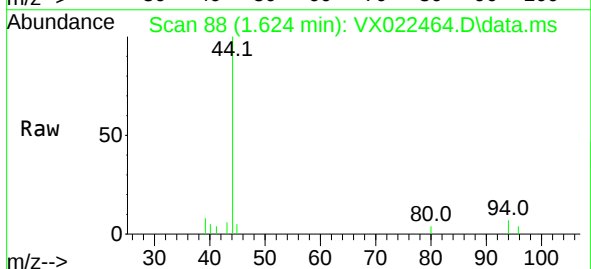


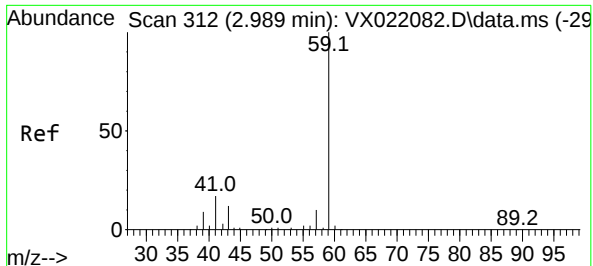
Tgt Ion:168 Resp: 63139
Ion Ratio Lower Upper
168 100
99 74.2 45.8 68.6#



#5
Bromomethane
Concen: 0.337 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

Tgt Ion: 94 Resp: 172
Ion Ratio Lower Upper
94 100
96 63.2 76.4 114.6#



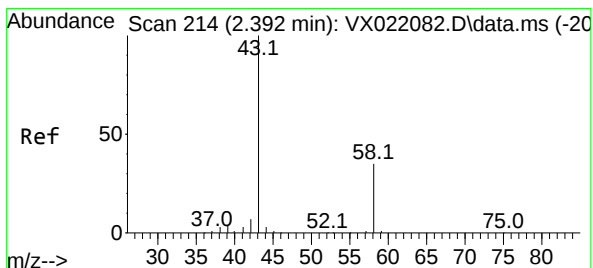
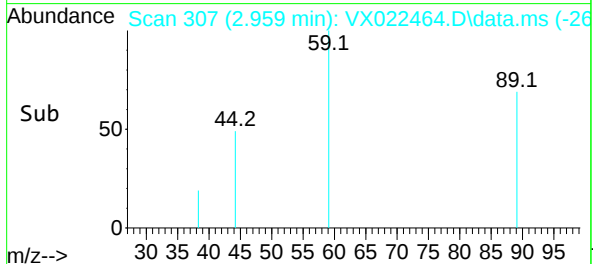
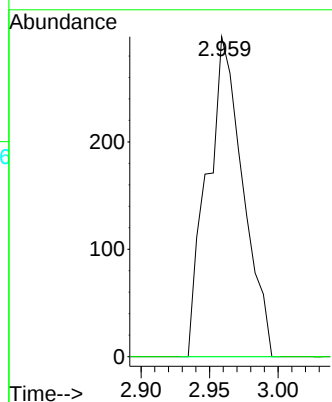
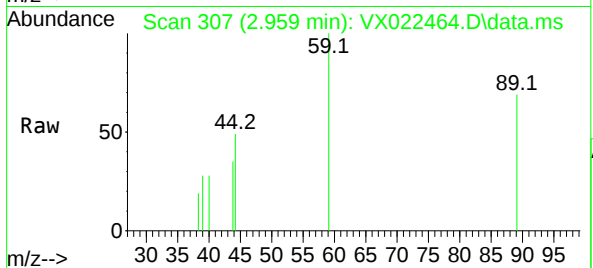


#11

Tert butyl alcohol
Concen: 2.420 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

Instrument :
MSVOA_X
ClientSampleId :

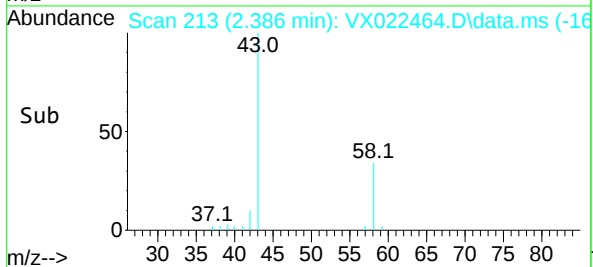
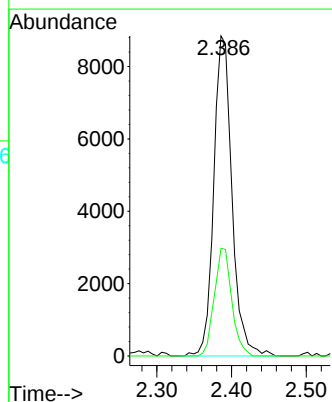
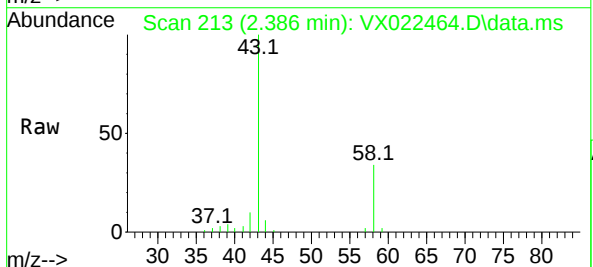
Tgt Ion: 59 Resp: 539
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

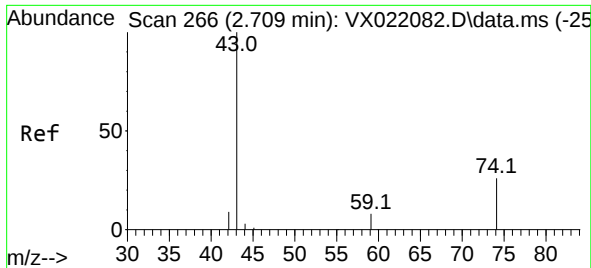


#16

Acetone
Concen: 35.353 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

Tgt Ion: 43 Resp: 14993
Ion Ratio Lower Upper
43 100
58 33.7 27.8 41.8

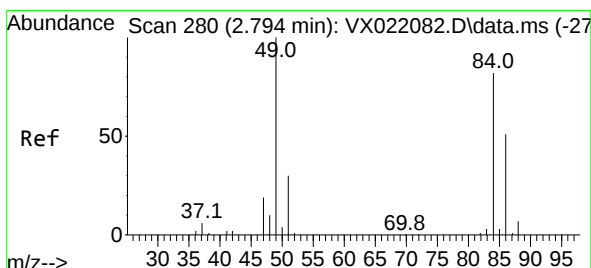
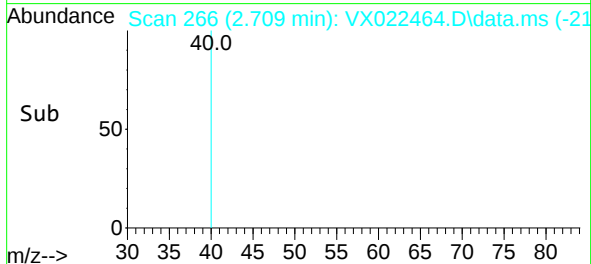
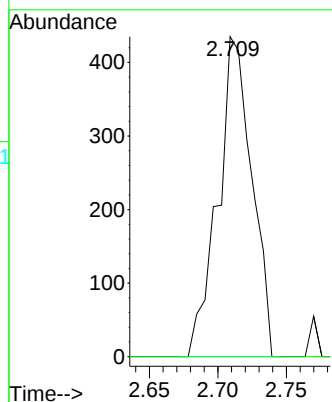
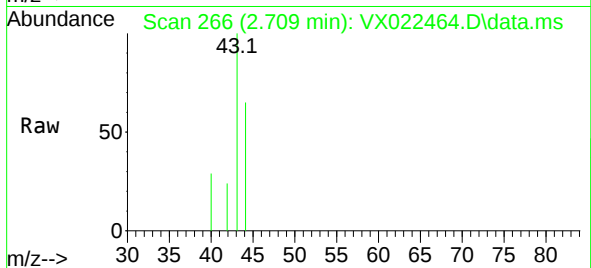




#18
Methyl Acetate
Concen: 0.664 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

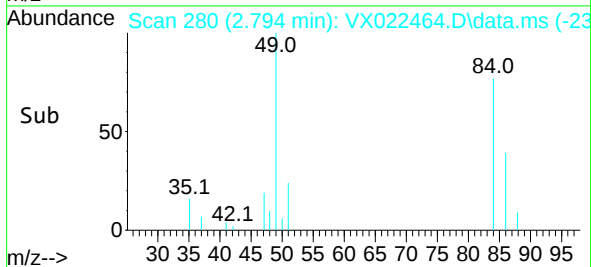
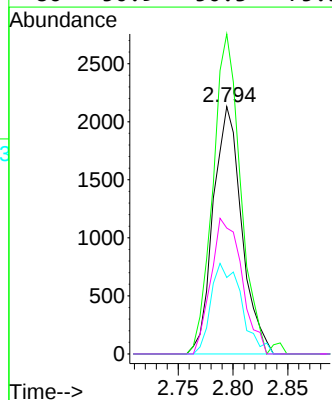
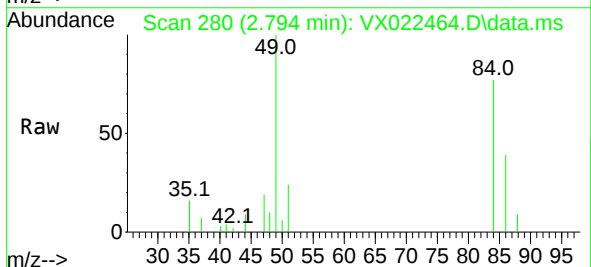
Instrument :
MSVOA_X
ClientSampled :

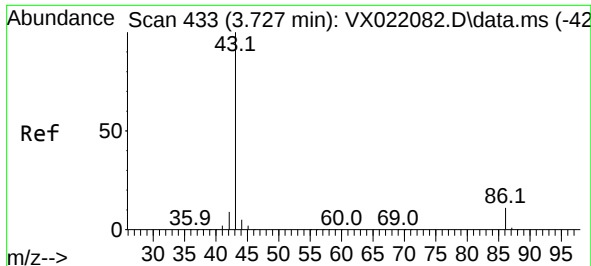
Tgt Ion: 43 Resp: 749
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 4.089 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

Tgt Ion: 84 Resp: 3850
Ion Ratio Lower Upper
84 100
49 129.3 88.6 132.8
51 30.9 27.0 40.6
86 50.9 50.3 75.5

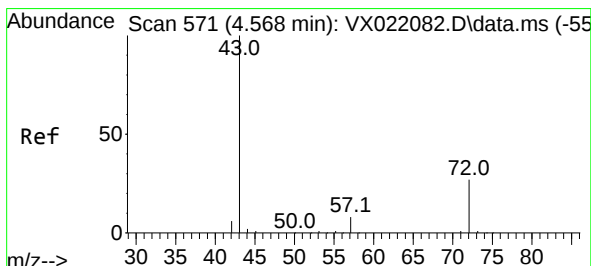
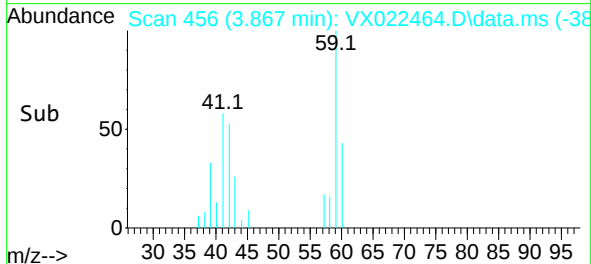
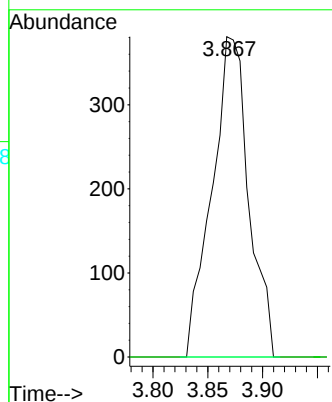
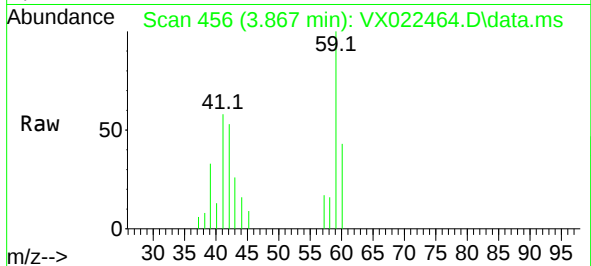




#23
 Vinyl Acetate
 Concen: 0.362 ug/l
 RT: 3.867 min Scan# 456
 Delta R.T. 0.140 min
 Lab File: VX022464.D
 Acq: 05 Jun 2021 12:13

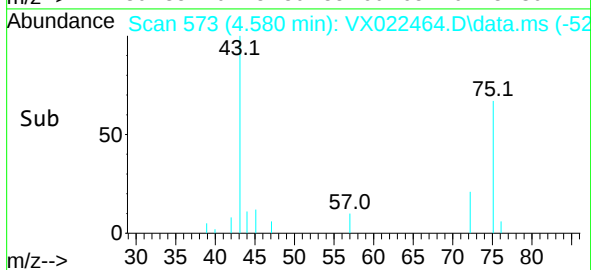
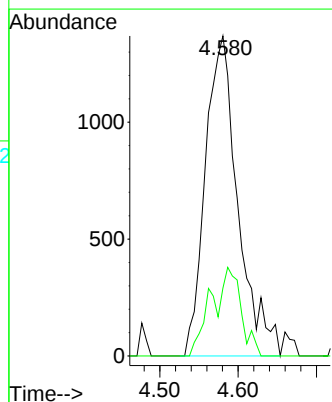
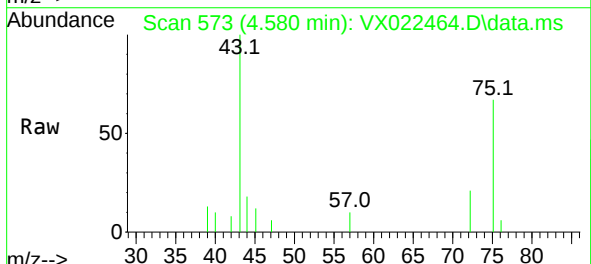
Instrument :
 MSVOA_X
 ClientSampled :

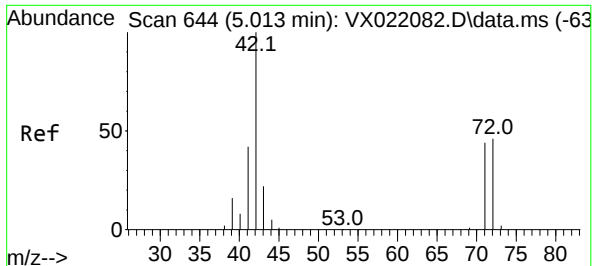
Tgt Ion: 43 Resp: 893
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.9 14.9#



#25
 2-Butanone
 Concen: 5.763 ug/l
 RT: 4.580 min Scan# 573
 Delta R.T. 0.012 min
 Lab File: VX022464.D
 Acq: 05 Jun 2021 12:13

Tgt Ion: 43 Resp: 3954
 Ion Ratio Lower Upper
 43 100
 72 21.2 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.975 ug/l

RT: 5.038 min Scan# 648

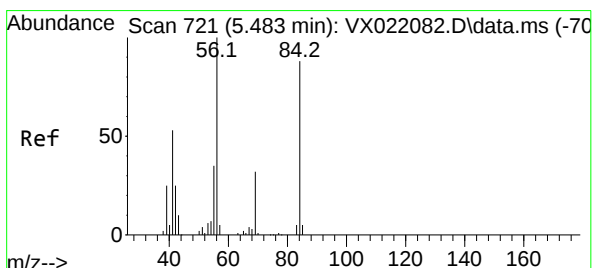
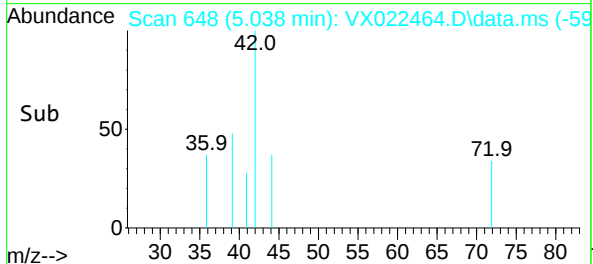
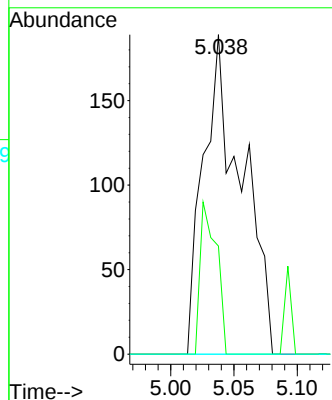
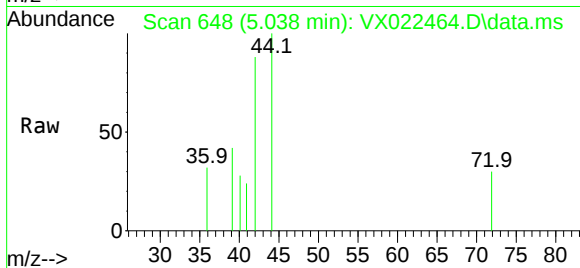
Delta R.T. 0.025 min

Lab File: VX022464.D

Acq: 05 Jun 2021 12:13

Tgt Ion:	42	Resp:	398
Ion	Ratio	Lower	Upper
42	100		
72	20.6	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.480 ug/l

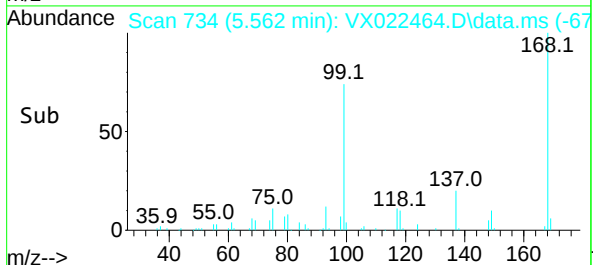
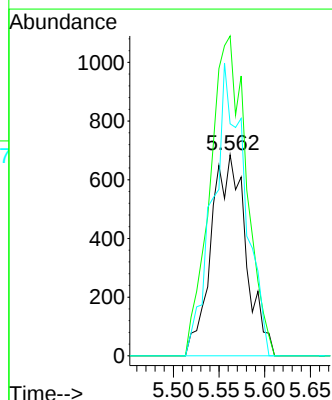
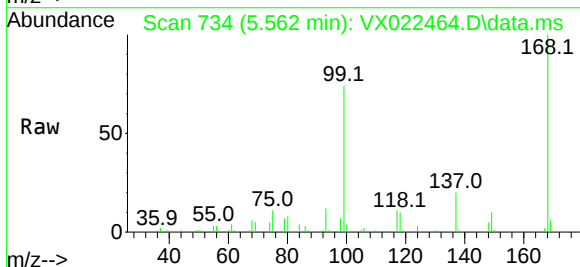
RT: 5.562 min Scan# 734

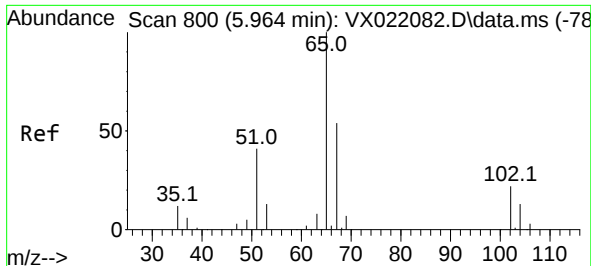
Delta R.T. 0.079 min

Lab File: VX022464.D

Acq: 05 Jun 2021 12:13

Tgt Ion:	56	Resp:	1811
Ion	Ratio	Lower	Upper
56	100		
69	159.1	25.3	37.9#
84	115.5	71.4	107.0#



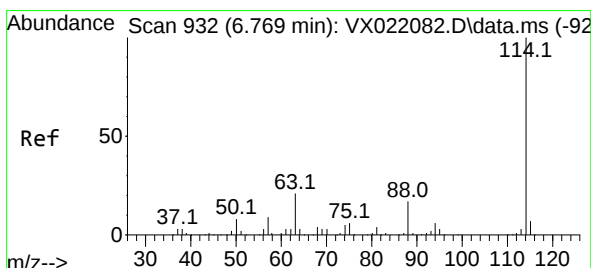
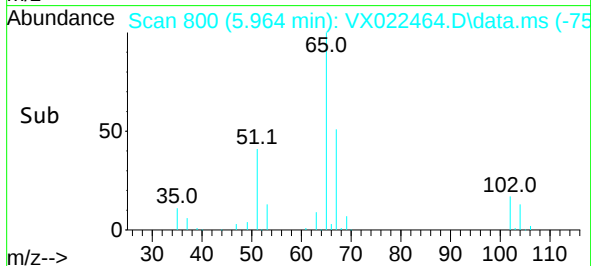
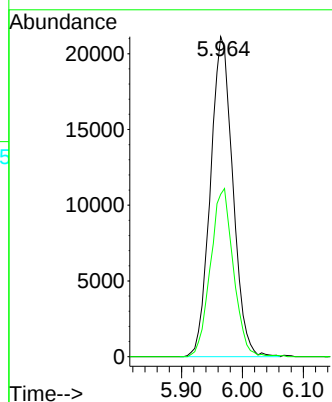
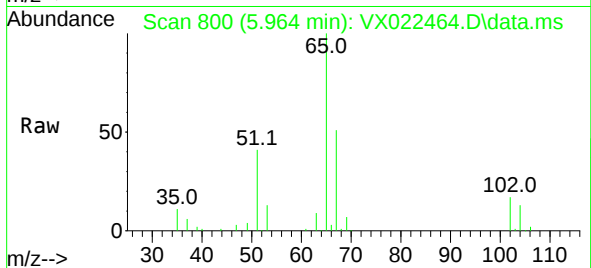


#33

1,2-Dichloroethane-d4
Concen: 55.495 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

Instrument :
MSVOA_X
ClientSampled :

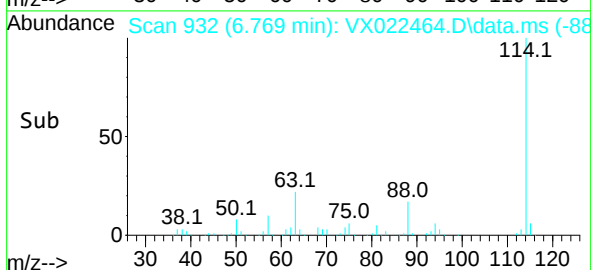
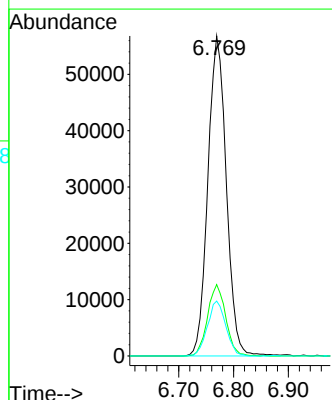
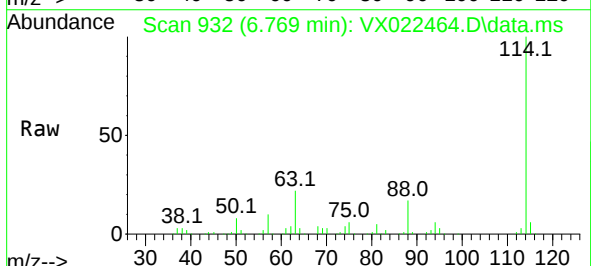
Tgt Ion: 65 Resp: 54050
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

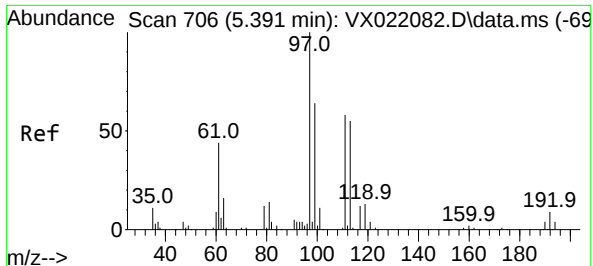


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

Tgt Ion: 114 Resp: 132464
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.531 ug/l

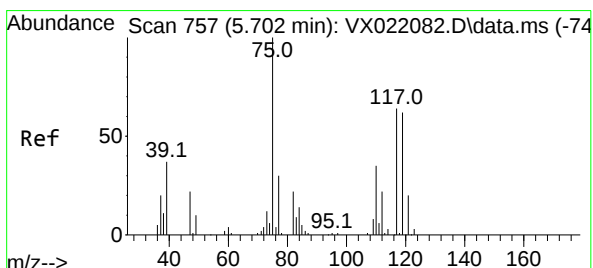
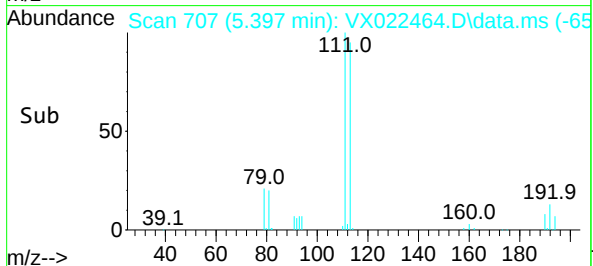
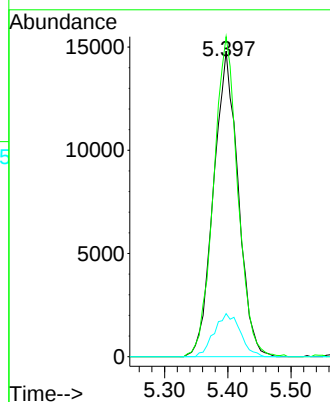
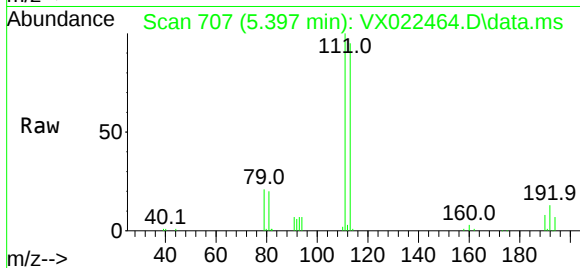
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022464.D

Acq: 05 Jun 2021 12:13

Tgt Ion:	113	Resp:	39927
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	15.0	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.134 ug/l

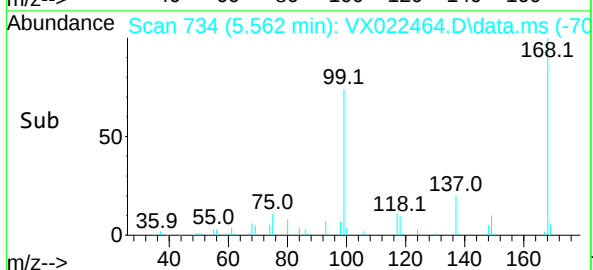
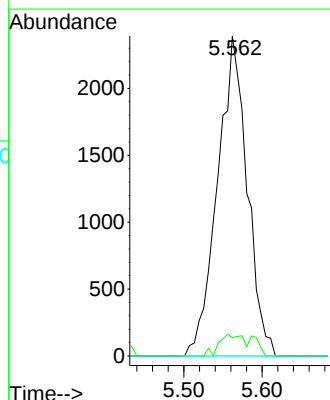
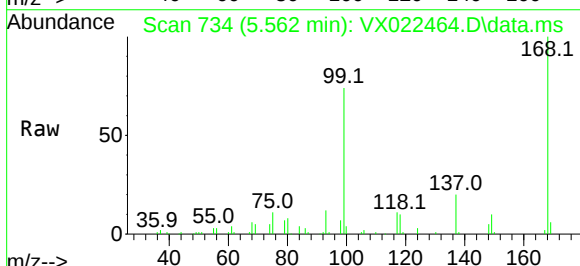
RT: 5.562 min Scan# 734

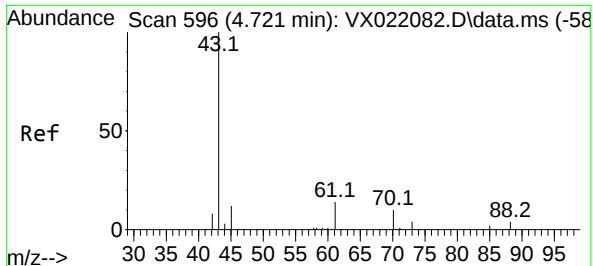
Delta R.T. -0.140 min

Lab File: VX022464.D

Acq: 05 Jun 2021 12:13

Tgt Ion:	75	Resp:	6288
Ion	Ratio	Lower	Upper
75	100		
110	5.5	18.1	54.4#
77	0.0	25.3	37.9#





#37

Ethyl Acetate

Concen: 2.633 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.141 min

Lab File: VX022464.D

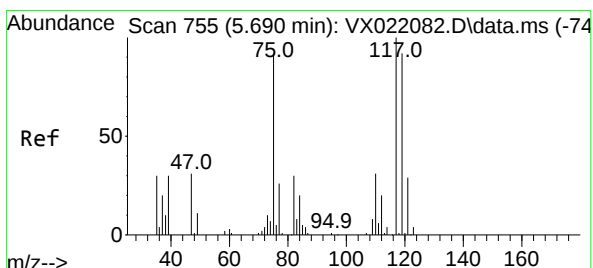
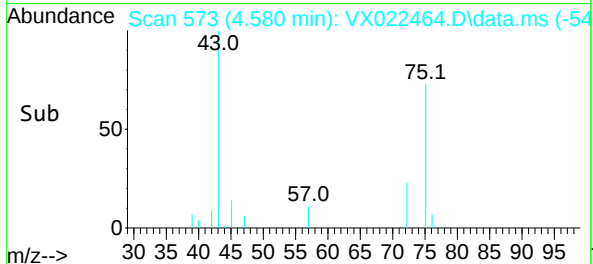
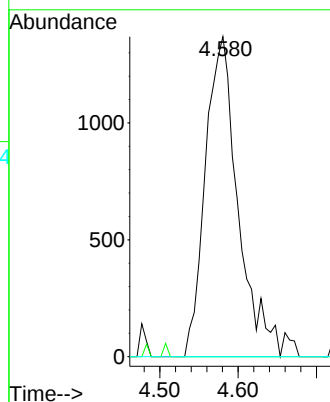
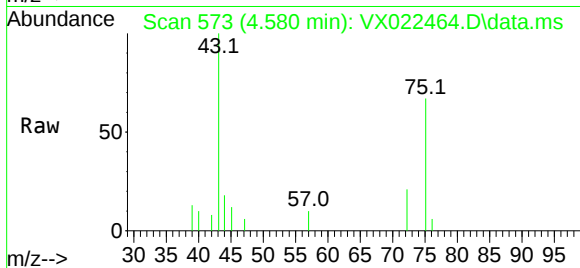
Acq: 05 Jun 2021 12:13

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43	Resp: 3954
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



#38

Carbon Tetrachloride

Concen: 5.987 ug/l

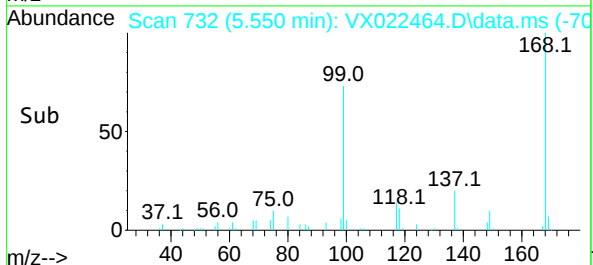
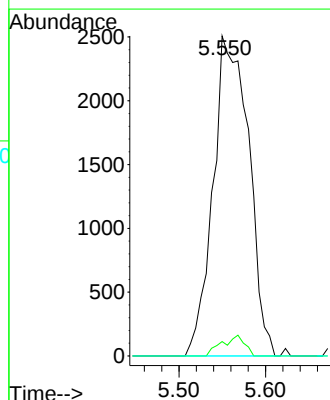
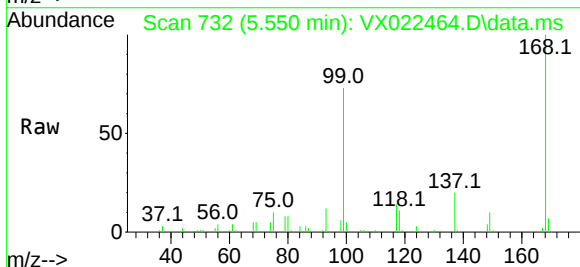
RT: 5.550 min Scan# 732

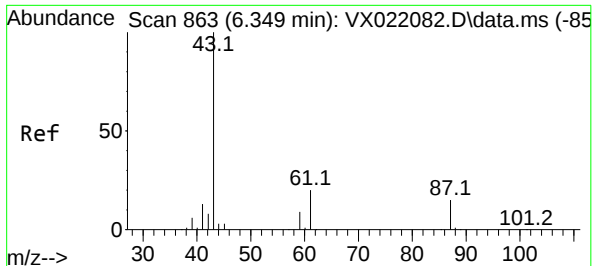
Delta R.T. -0.140 min

Lab File: VX022464.D

Acq: 05 Jun 2021 12:13

Tgt Ion: 117	Resp: 7174
Ion Ratio	Lower Upper
117 100	
119 4.5	76.2 114.2#
121 0.0	24.8 37.2#

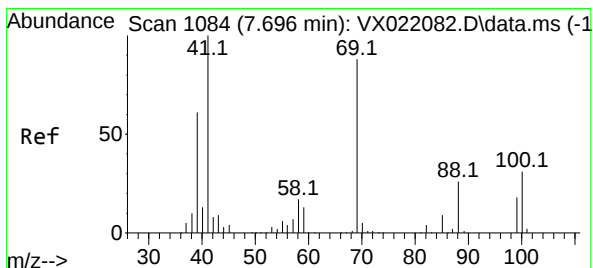
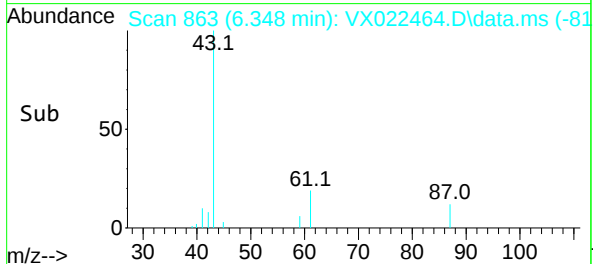
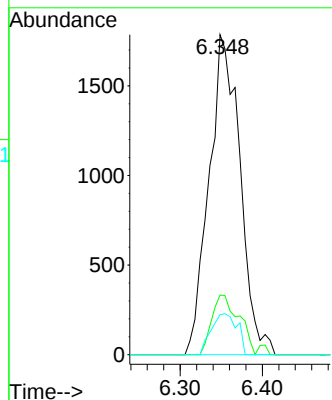
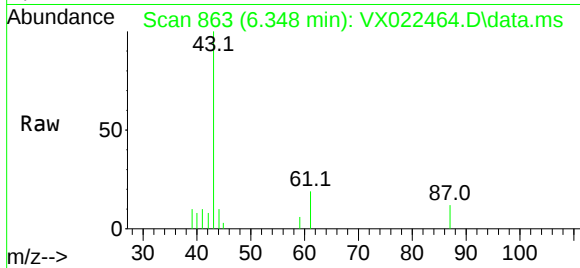




#43
Isopropyl Acetate
Concen: 1.903 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

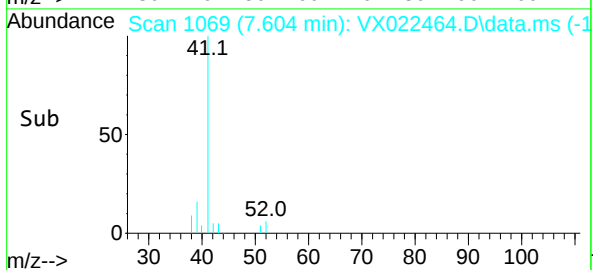
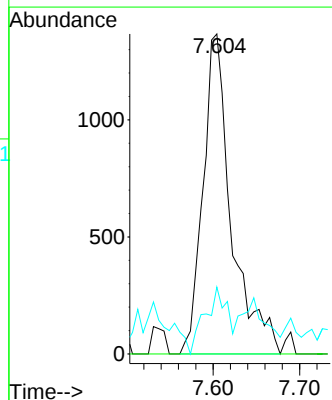
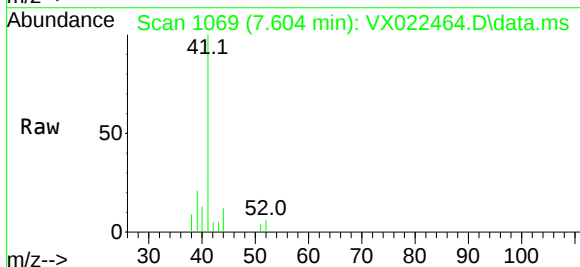
Instrument :
MSVOA_X
ClientSampled :

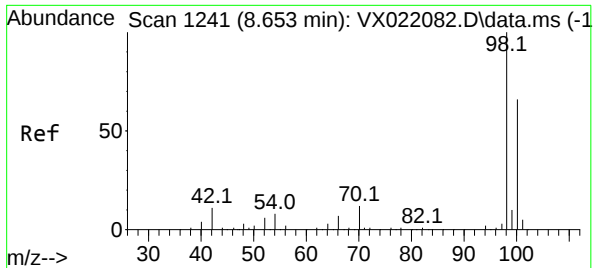
Tgt Ion: 43 Resp: 4673
Ion Ratio Lower Upper
43 100
61 16.3 18.2 27.4#
87 10.7 12.5 18.7#



#48
Methyl methacrylate
Concen: 2.750 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

Tgt Ion: 41 Resp: 3113
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 16.4 44.6 67.0#

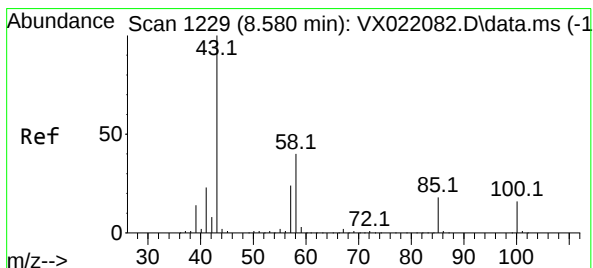
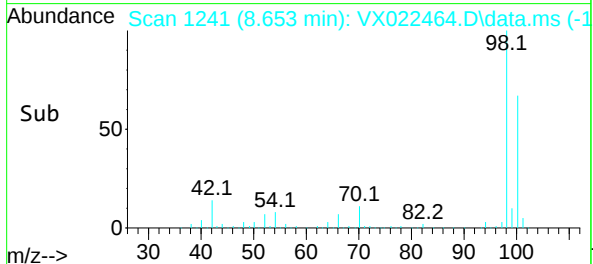
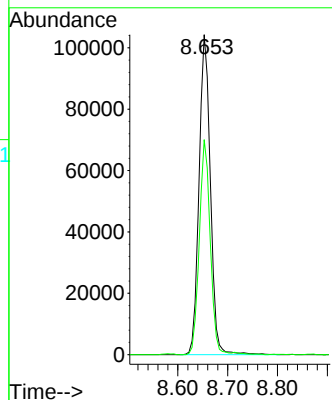
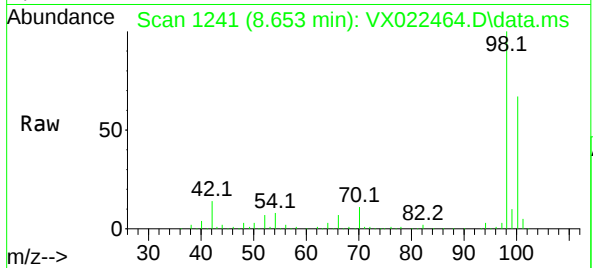




#50
Toluene-d8
Concen: 50.823 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

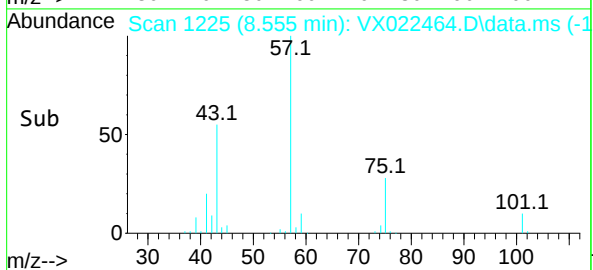
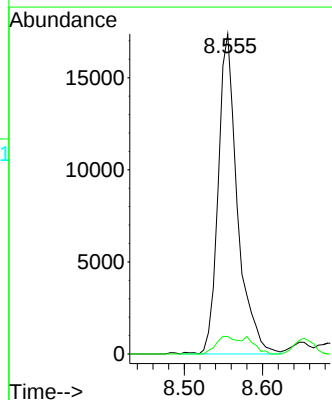
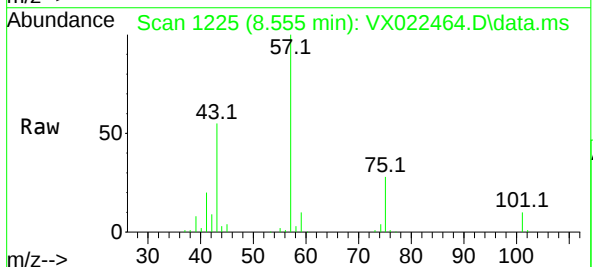
Instrument :
MSVOA_X
ClientSampled :

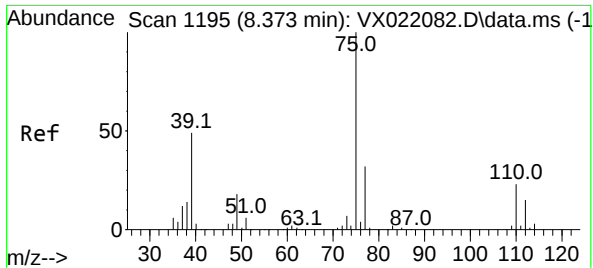
Tgt Ion: 98 Resp: 164455
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 20.207 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

Tgt Ion: 43 Resp: 29728
Ion Ratio Lower Upper
43 100
58 6.6 35.4 53.0#

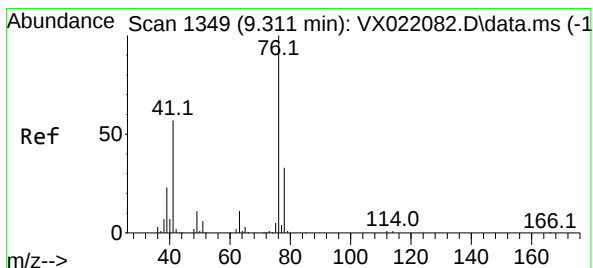
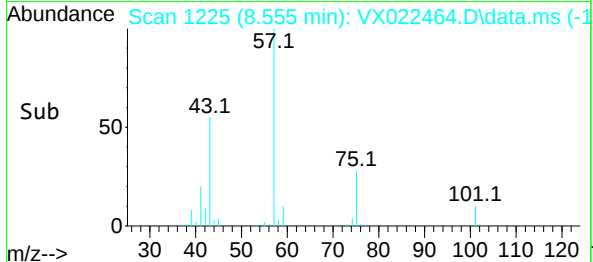
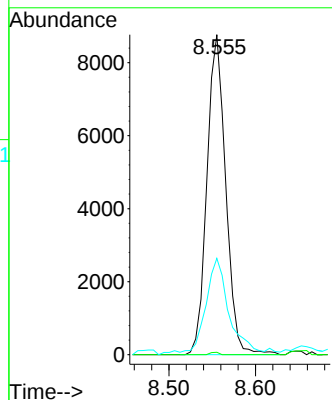
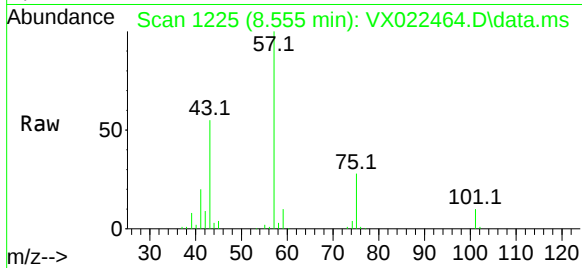




#54
 cis-1,3-Dichloropropene
 Concen: 8.161 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022464.D
 Acq: 05 Jun 2021 12:13

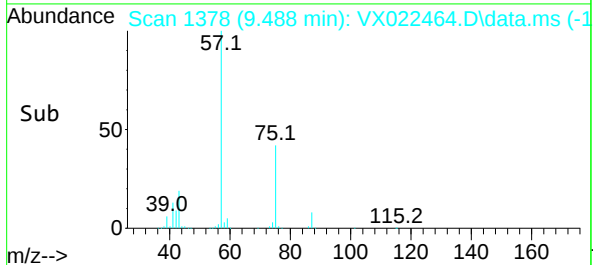
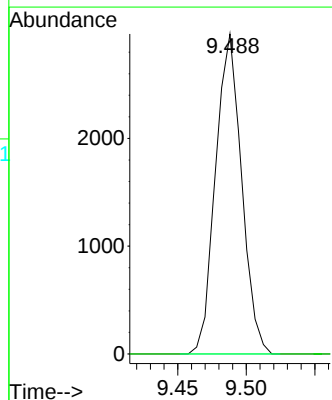
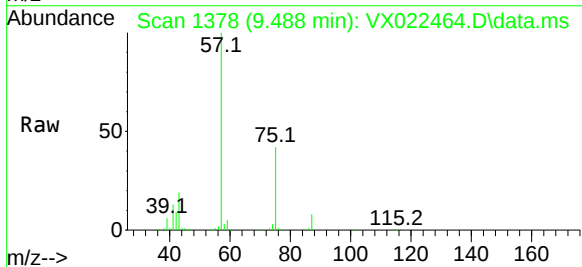
Instrument :
 MSVOA_X
 ClientSampleId :

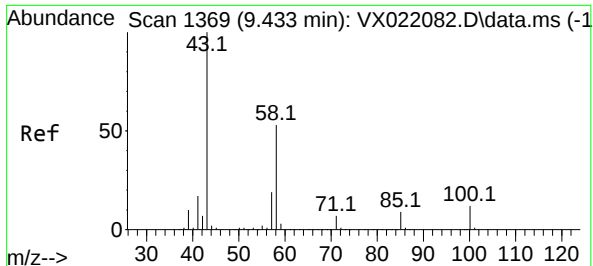
Tgt Ion: 75 Resp: 13218
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.7 38.5#
 39 29.4 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 2.373 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX022464.D
 Acq: 05 Jun 2021 12:13

Tgt Ion: 76 Resp: 3925
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

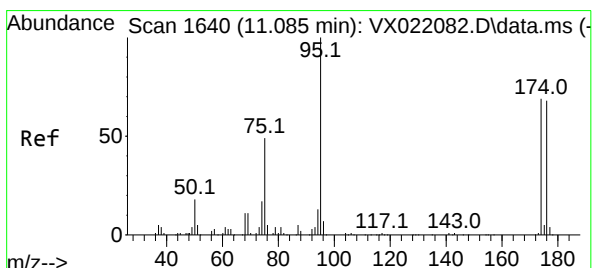
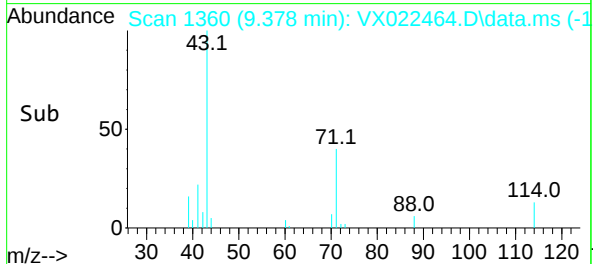
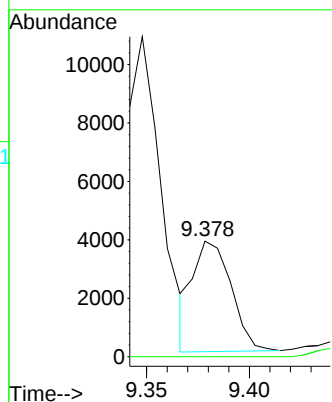
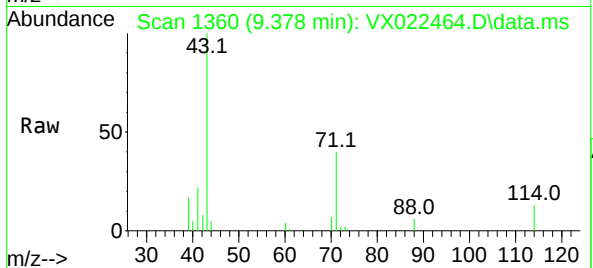




#59
2-Hexanone
Concen: 4.432 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

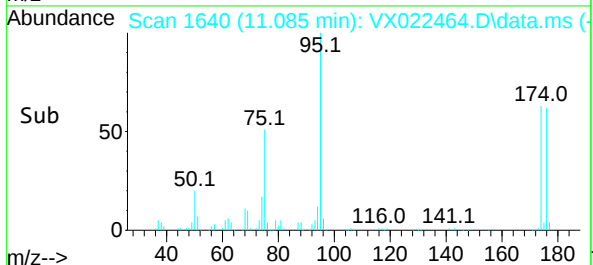
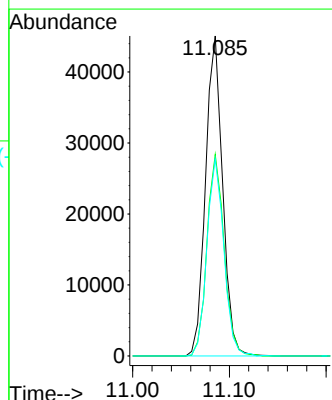
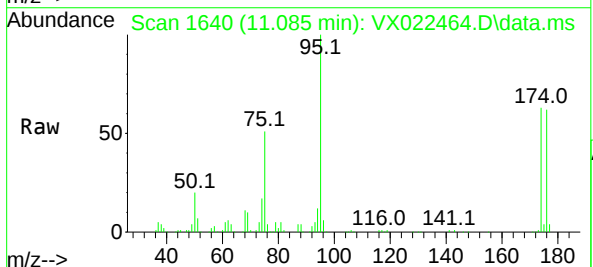
Instrument :
MSVOA_X
ClientSampled :

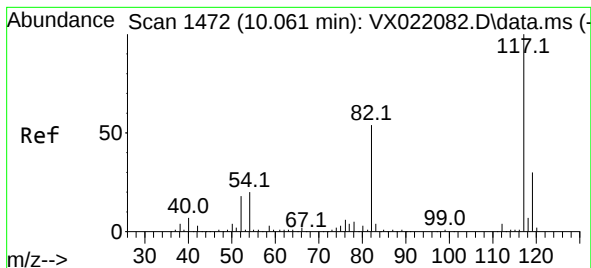
Tgt Ion: 43 Resp: 4904
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.336 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

Tgt Ion: 95 Resp: 55420
Ion Ratio Lower Upper
95 100
174 63.2 0.0 154.6
176 61.1 0.0 155.8

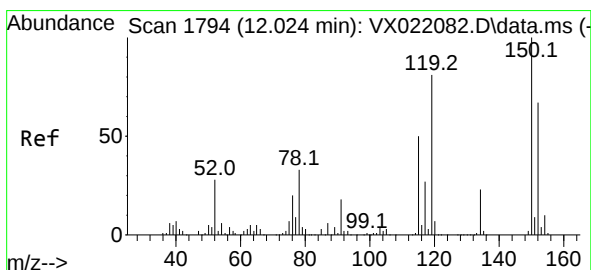
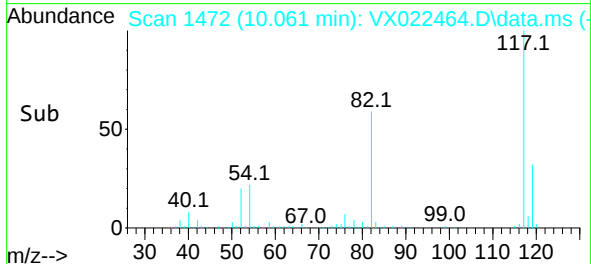
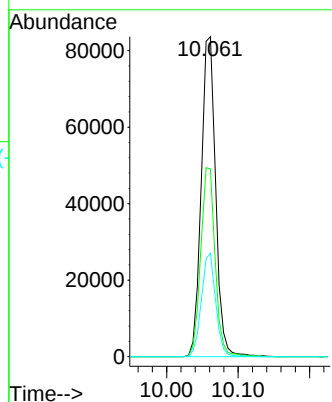
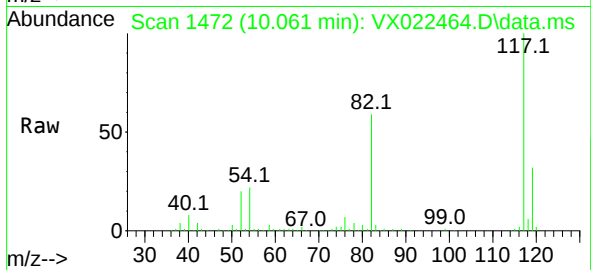




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

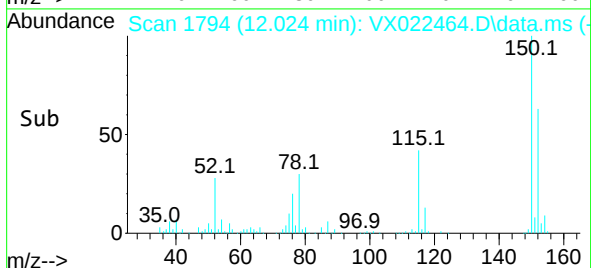
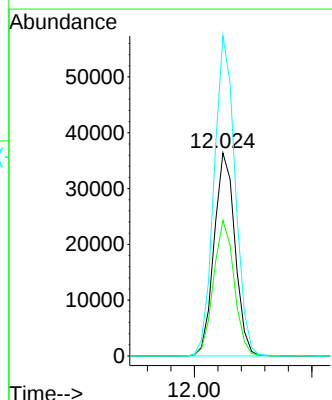
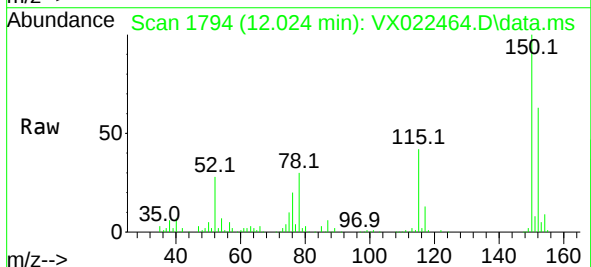
Instrument :
MSVOA_X
ClientSampled :

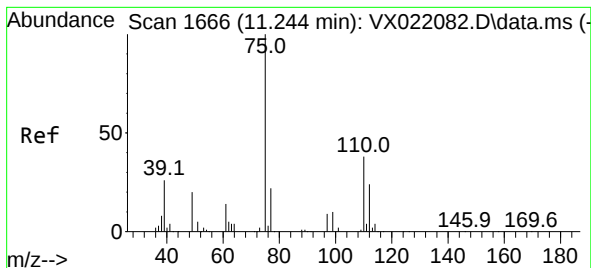
Tgt Ion:117 Resp: 117340
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

Tgt Ion:152 Resp: 44898
Ion Ratio Lower Upper
152 100
115 66.1 41.1 123.3
150 159.0 0.0 349.0

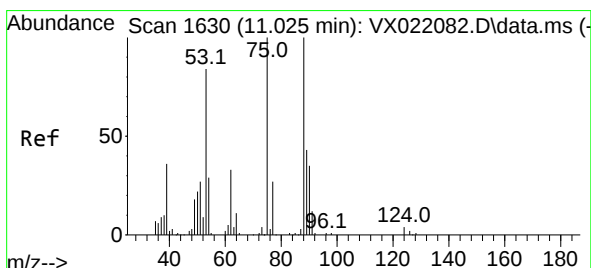
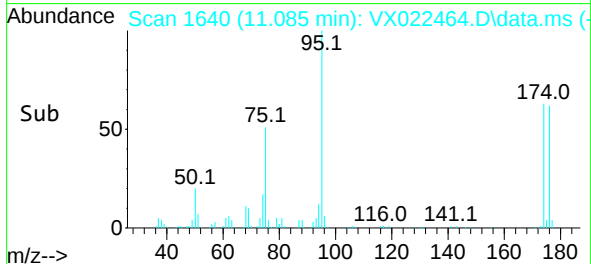
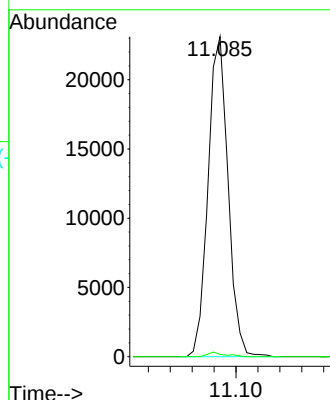
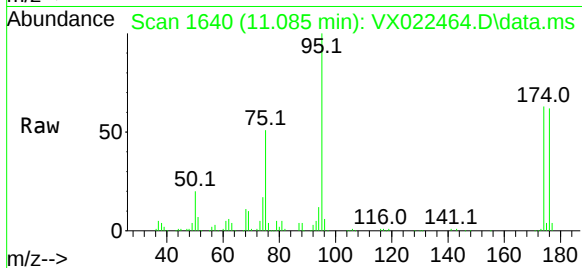




#76
1,2,3-Trichloropropane
Concen: 26.409 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

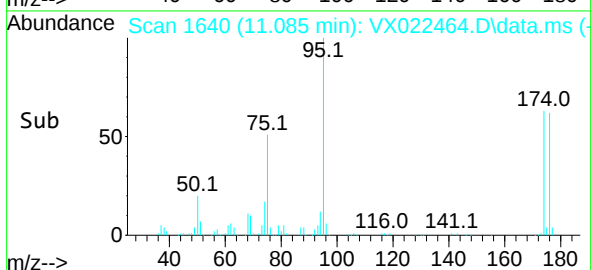
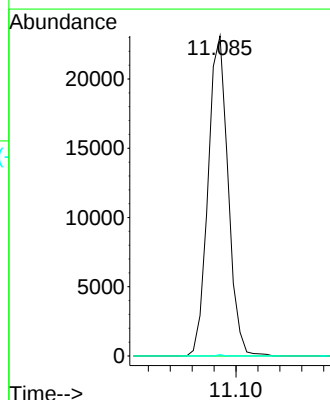
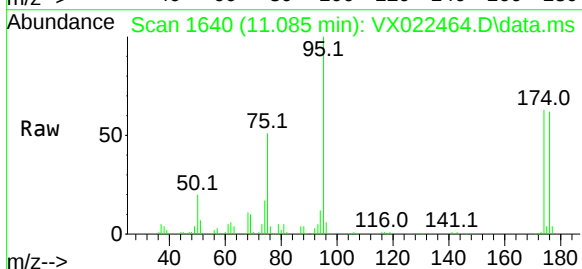
Instrument :
MSVOA_X
ClientSampled :

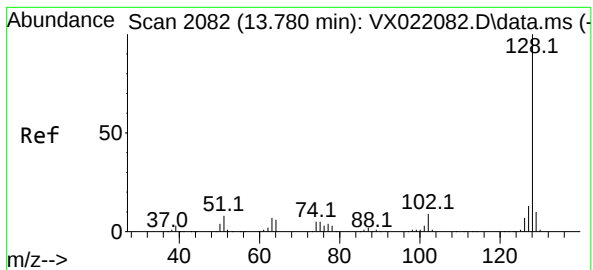
Tgt Ion: 75 Resp: 29252
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.573 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

Tgt Ion: 75 Resp: 29252
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.108 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022464.D
Acq: 05 Jun 2021 12:13

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 3892
Ion Ratio Lower Upper
128 100
127 15.5 10.3 15.5#
129 12.6 8.8 13.2

