Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101019\
Data File : VX013000.D
Acq On : 10 Oct 2019 16:53
Operator : JC/SP
Sample : K5111-07 0.2PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:41 PM

Quant Time: Oct 11 09:43:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:36:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.65	168	161472	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	277540	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	242784	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100374	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	107088	53.06	ug/l		0.00
Spiked Amount 50.000			Recovery = 106.12%				
35) Dibromofluoromethane	5.49	113	79931	50.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.36%				
50) Toluene-d8	8.71	98	304142	48.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.90%				
62) 4-Bromofluorobenzene	11.14	95	106852	44.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.52%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.19	85	341	0.207	ug/l		100
3) Chloromethane	1.32	50	550	0.307	ug/l		99
5) Bromomethane	1.64	94	448	0.583	ug/l	#	66
6) Chloroethane	1.73	64	3573	3.283	ug/l	#	60
7) Trichlorofluoromethane	1.93	101	557	0.223	ug/l		100
8) Diethyl Ether	2.18	74	266	0.264	ug/l	#	47
11) Tert butyl alcohol	3.01	59	2809	5.250	ug/l	#	72
12) 1,1-Dichloroethene	2.36	96	417	0.256	ug/l	#	37
13) Acrolein	2.28	56	325	0.855	ug/l	#	77
14) Allyl chloride	2.73	41	618	0.213	ug/l		95
15) Acrylonitrile	3.13	53	904	0.892	ug/l		95
16) Acetone	2.44	43	1362	1.280	ug/l	#	83
17) Carbon Disulfide	2.57	76	1023	0.220	ug/l	#	75
18) Methyl Acetate	2.76	43	739	0.293	ug/l	#	73
19) Methyl tert-butyl Ether	3.19	73	1247	0.221	ug/l	#	76
20) Methylene Chloride	2.85	84	884	0.452	ug/l	#	69
21) trans-1,2-Dichloroethene	3.16	96	614	0.351	ug/l		94
23) Vinyl Acetate	3.81	43	3492	0.726	ug/l	#	86
25) 2-Butanone	4.67	43	1540	1.043	ug/l	#	77
26) 2,2-Dichloropropane	4.58	77	556m	0.211	ug/l		
27) cis-1,2-Dichloroethene	4.58	96	770m	0.382	ug/l		
29) Tetrahydrofuran	5.13	42	933m	1.027	ug/l		
30) Chloroform	5.21	83	951	0.296	ug/l	#	77
31) Cyclohexane	5.56	56	783	0.267	ug/l	#	55
37) Ethyl Acetate	4.85	43	591m	0.217	ug/l		
39) Methylcyclohexane	7.45	83	774	0.262	ug/l	#	72
40) Benzene	6.14	78	1602	0.222	ug/l	#	85
42) 1,2-Dichloroethane	6.19	62	605	0.234	ug/l	#	73
44) Trichloroethene	7.22	130	460	0.230	ug/l		78
45) 1,2-Dichloropropane	7.51	63	408	0.222	ug/l	#	44
48) Methyl methacrylate	7.78	41	430m	0.201	ug/l		
49) 1,4-Dioxane	7.76	88	40	0.775	ug/l	#	70
51) 4-Methyl-2-Pentanone	8.64	43	2673	0.979	ug/l		91
52) Toluene	8.78	92	986	0.214	ug/l		94

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101019\
Data File : VX013000.D
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Operator : JC/SP
Sample : K5111-07 0.2PPB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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Quant Time: Oct 11 09:43:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:36:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) cis-1,3-Dichloropropene	8.43	75	604	0.206	ug/l		96
58) 2-Chloroethyl Vinyl ether	8.31	63	996	0.743	ug/l	#	81
59) 2-Hexanone	9.50	43	1692	0.796	ug/l		99
64) Tetrachloroethene	9.33	164	465	0.276	ug/l	#	77
65) Chlorobenzene	10.14	112	1054	0.219	ug/l	#	80
67) Ethyl Benzene	10.25	91	1730	0.202	ug/l	#	79
68) m/p-Xylenes	10.35	106	1241	0.388	ug/l		94
73) Isopropylbenzene	11.01	105	1632	0.221	ug/l		92
75) 1,1,2,2-Tetrachloroethane	11.26	83	553	0.225	ug/l	#	92
76) 1,2,3-Trichloropropane	11.29	75	449m	0.202	ug/l		
77) Bromobenzene	11.26	156	472	0.271	ug/l		79
88) 1,4-Dichlorobenzene	12.09	146	764m	0.234	ug/l		
91) 1,2-Dichlorobenzene	12.39	146	704	0.222	ug/l		94

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

Quantitation Report (QT Reviewed)

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Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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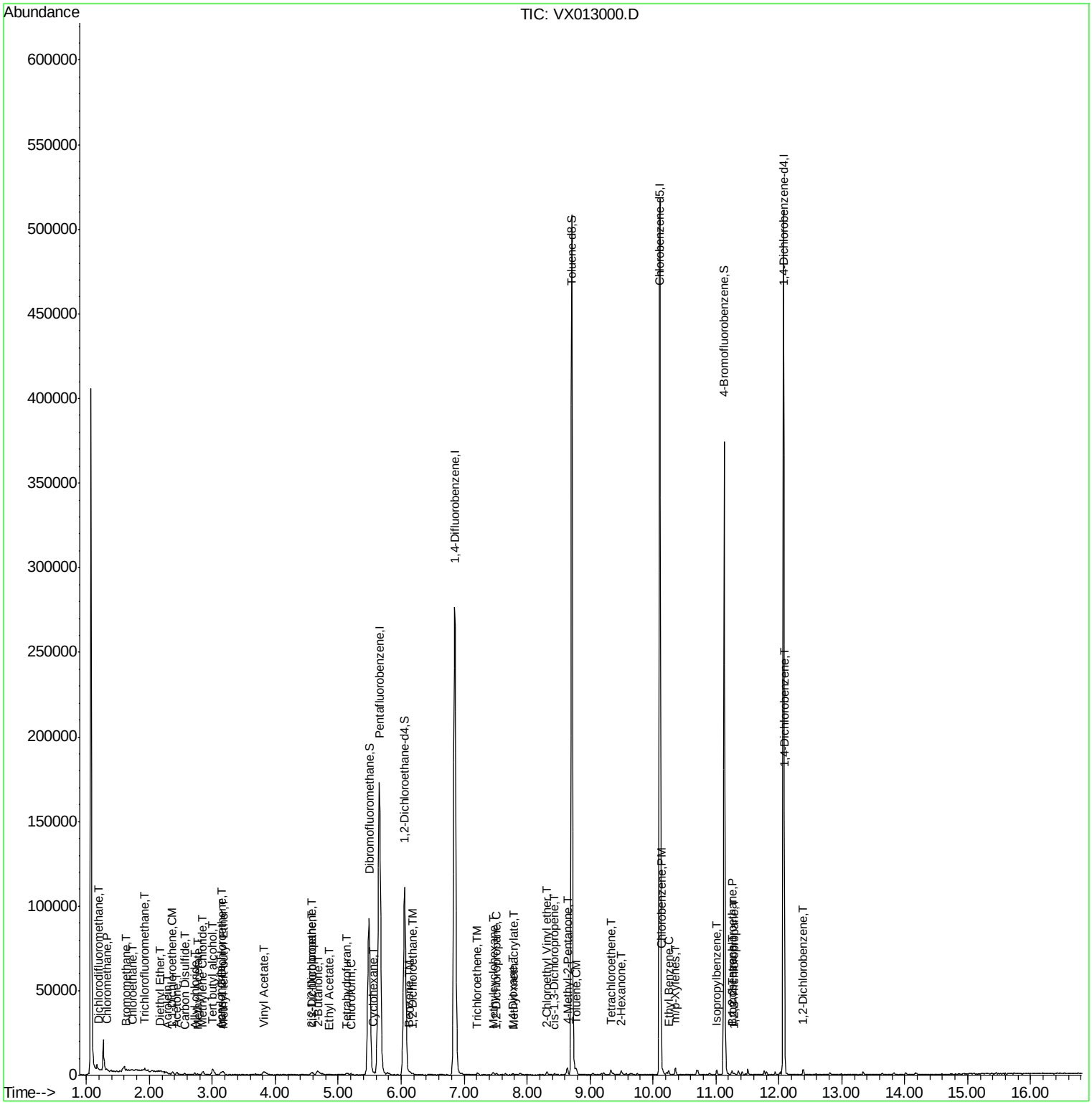

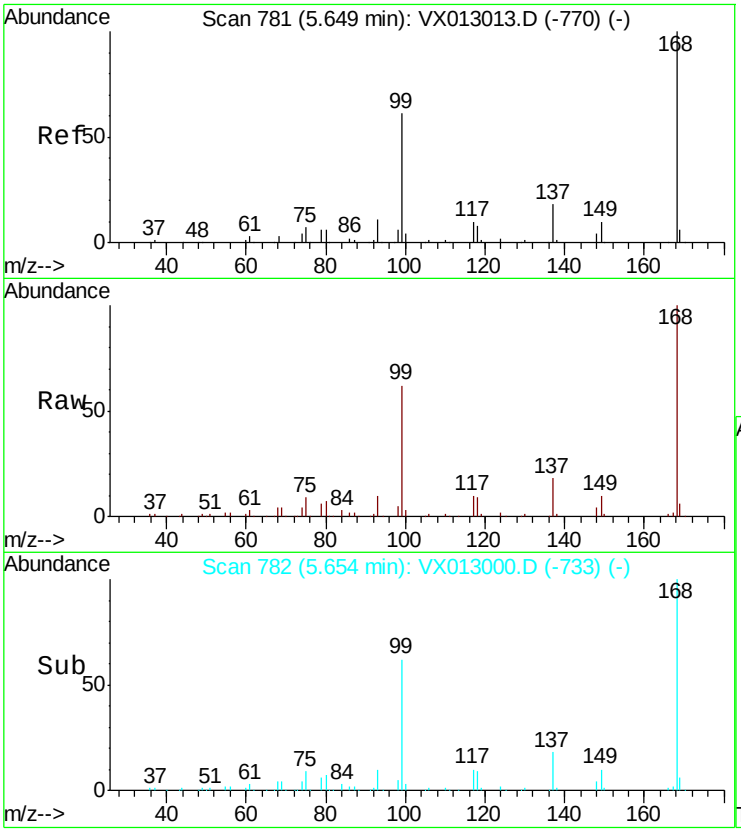

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion:168 Resp: 161472

Ion	Ratio	Lower	Upper
168	100		
99	62.2	49.4	74.0

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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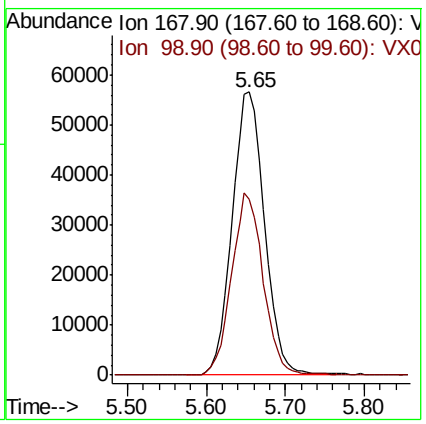
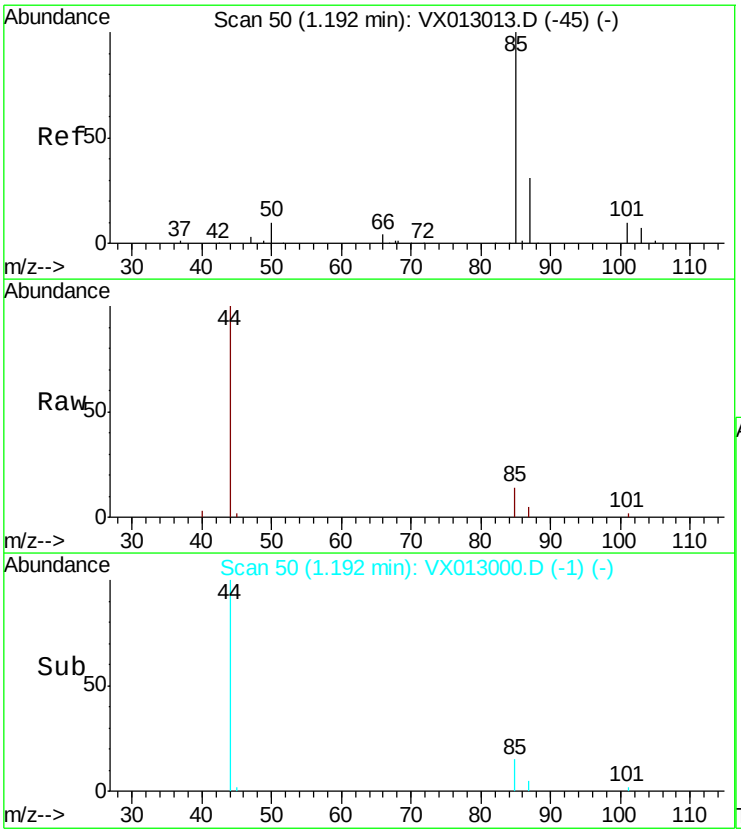
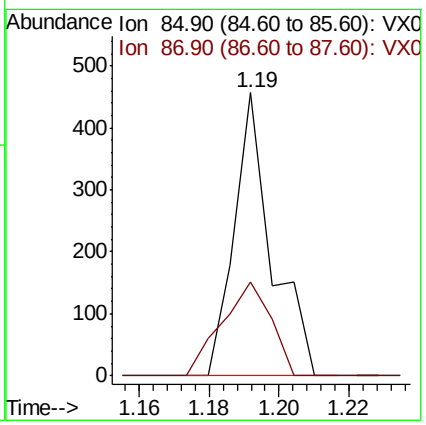


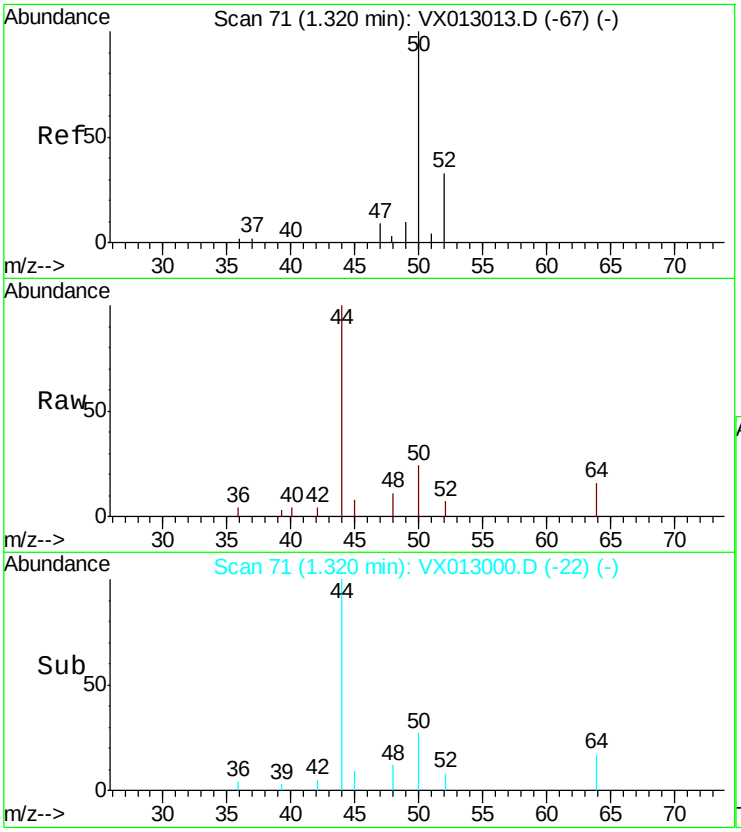


#2
Dichlorodifluoromethane
Concen: 0.207 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 85 Resp: 341

Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.4	49.4





#3
Chloromethane
Concen: 0.307 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 50 Resp: 550

Ion	Ratio	Lower	Upper
50	100		
52	30.8	25.2	37.8

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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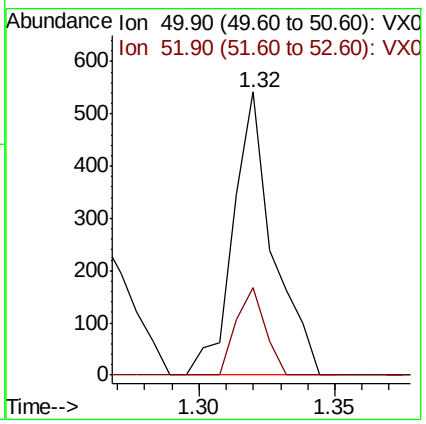
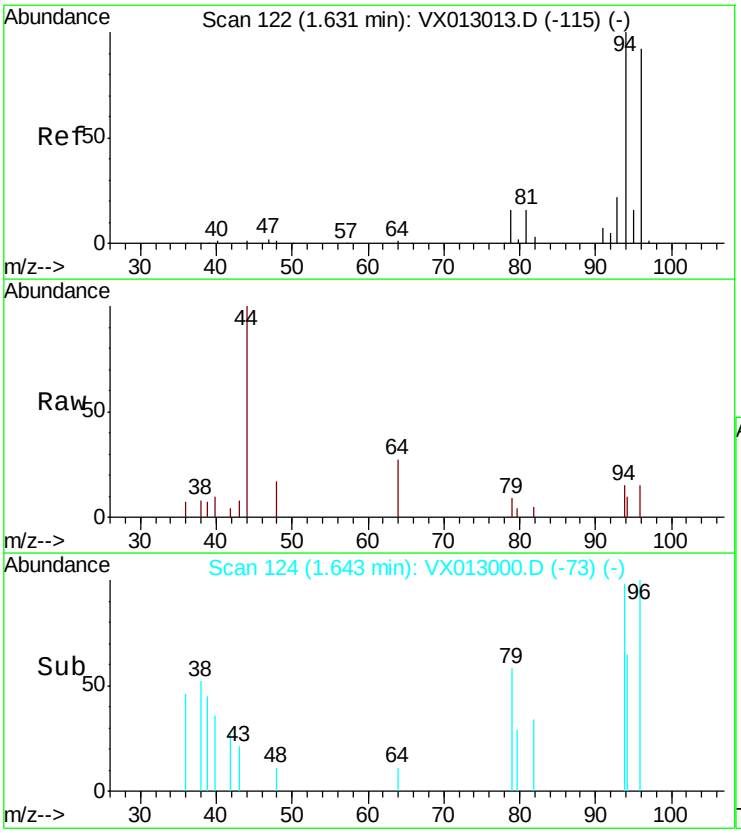
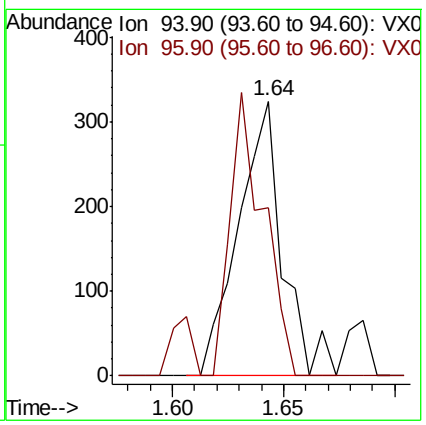


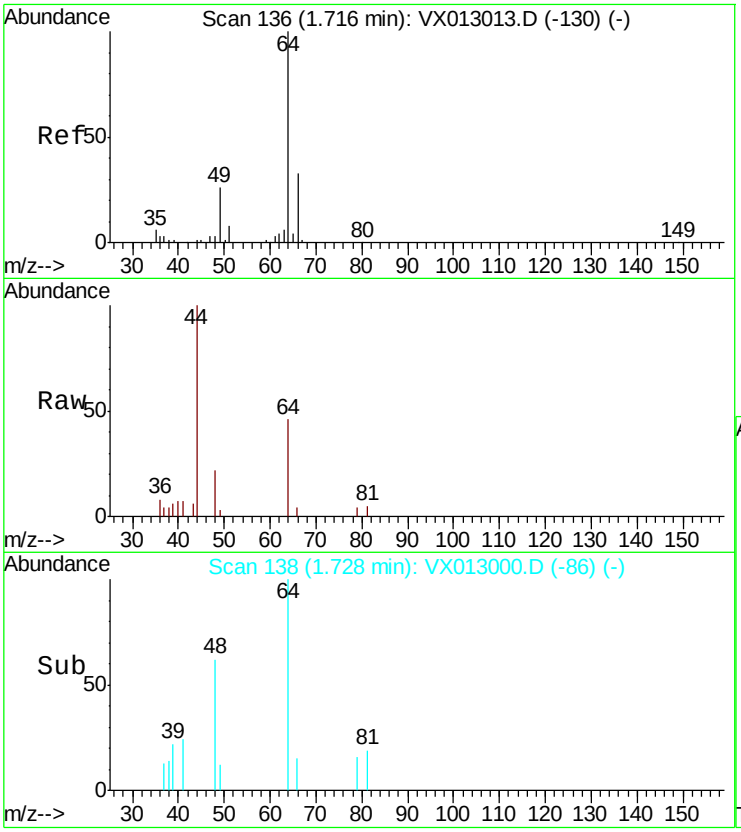


#5
Bromomethane
Concen: 0.583 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 94 Resp: 448

Ion	Ratio	Lower	Upper
94	100		
96	61.1	74.7	112.1#





#6
Chloroethane
Concen: 3.283 ug/l
RT: 1.73 min Scan# 138
Delta R.T. 0.02 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 64 Resp: 3573

Ion	Ratio	Lower	Upper
64	100		
66	9.7	25.6	38.4#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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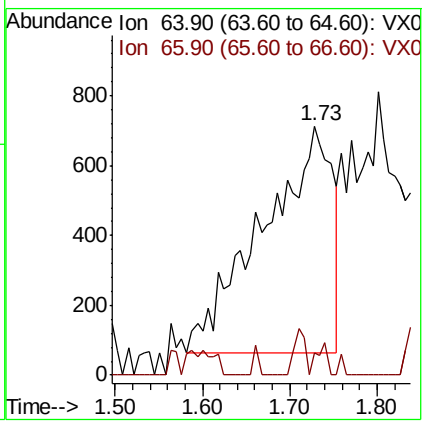
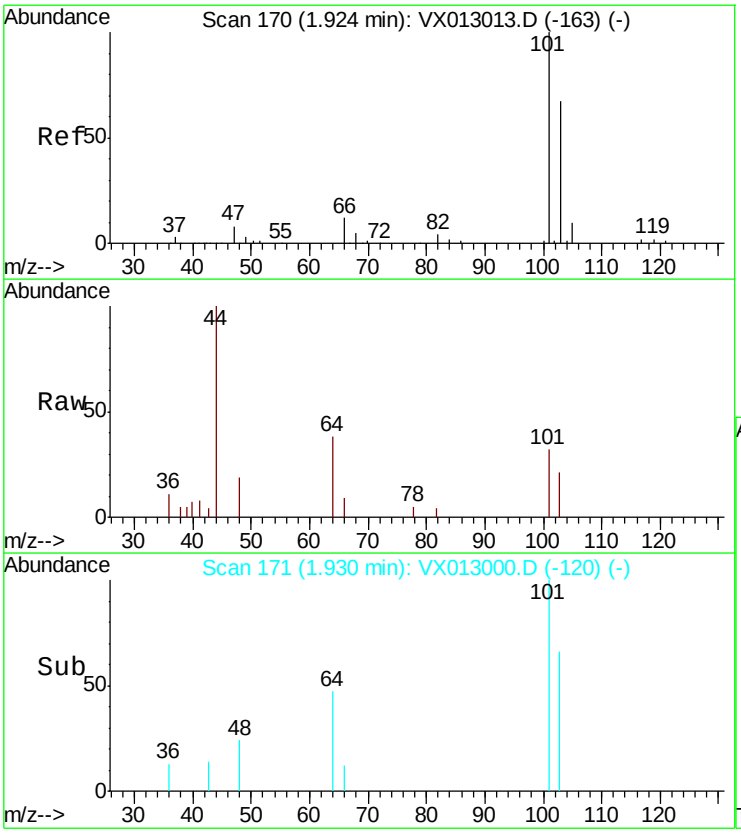
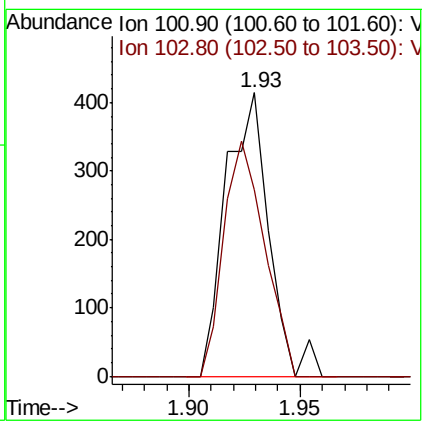


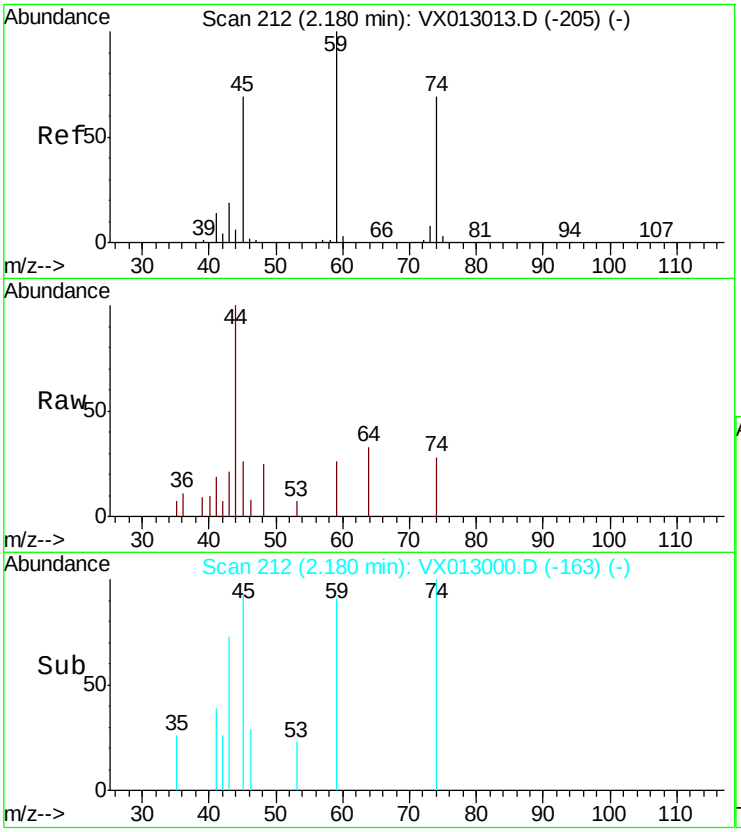


#7
Trichlorofluoromethane
Concen: 0.223 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion:101 Resp: 557

Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.5	78.7

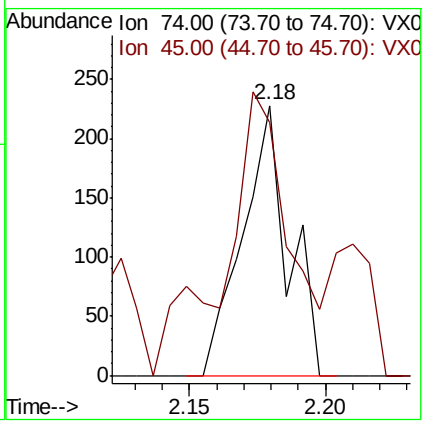




#8
Diethyl Ether
Concen: 0.264 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 74 Resp: 266

Ion	Ratio	Lower	Upper
74	100		
45	147.7	47.8	143.4#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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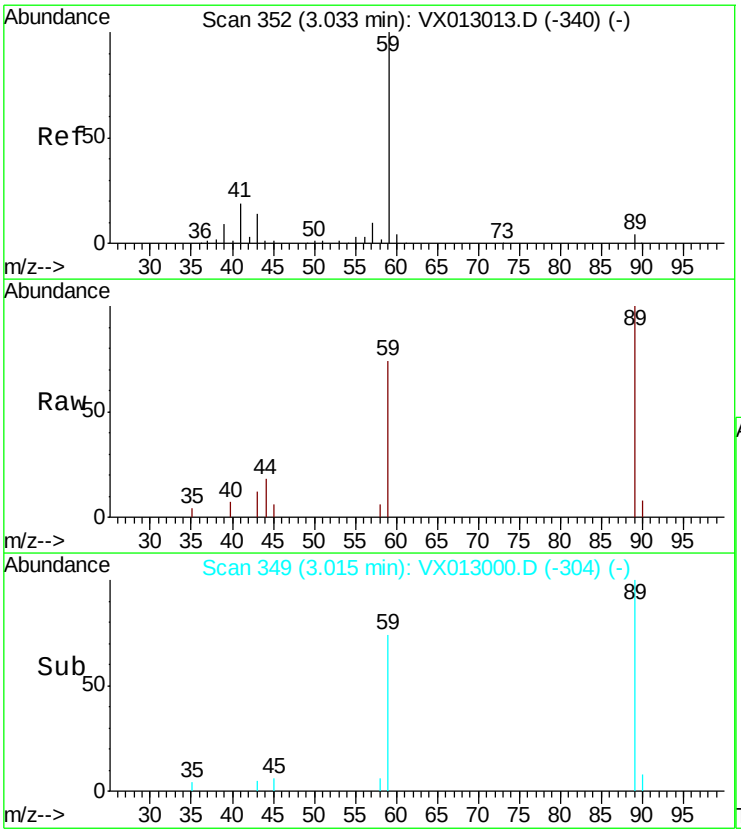
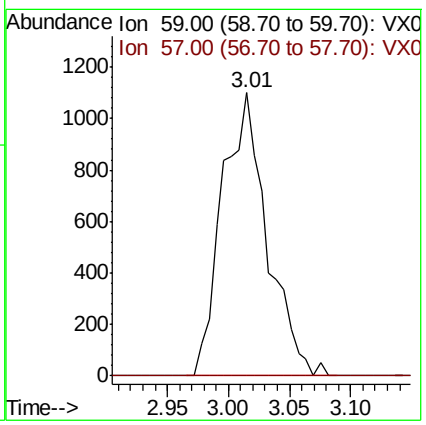
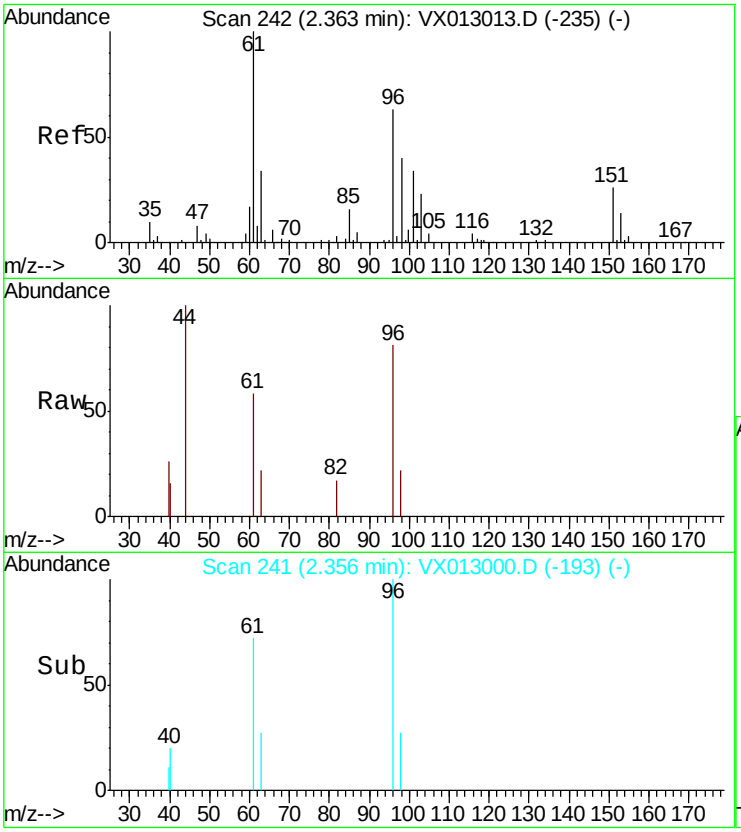


#11
Tert butyl alcohol
Concen: 5.250 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.02 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 59 Resp: 2809

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#





#12
1,1-Dichloroethene
Concen: 0.256 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 96 Resp: 417

Ion	Ratio	Lower	Upper
96	100		
61	71.6	132.2	198.4#
98	27.2	50.5	75.7#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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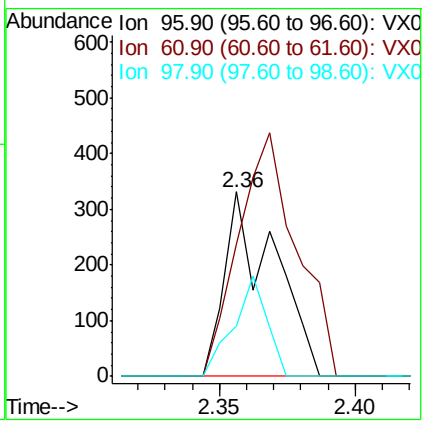
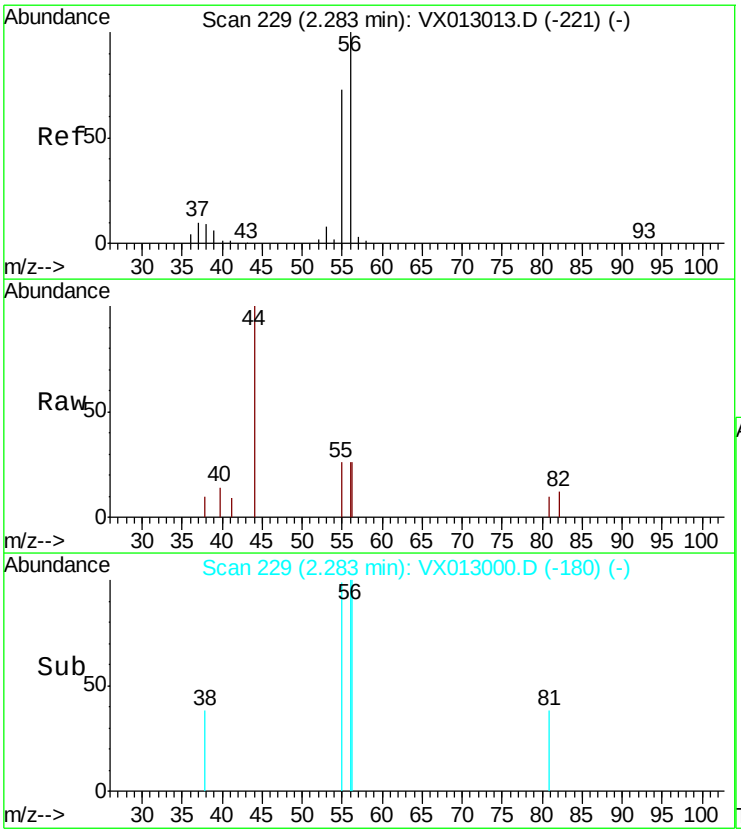
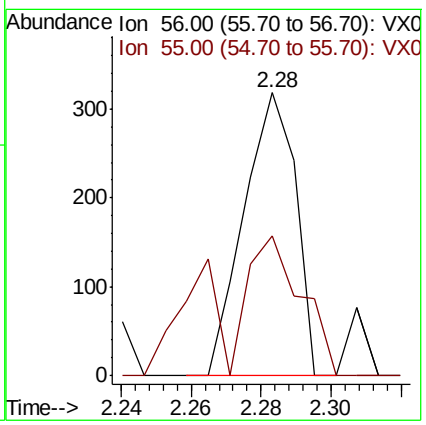


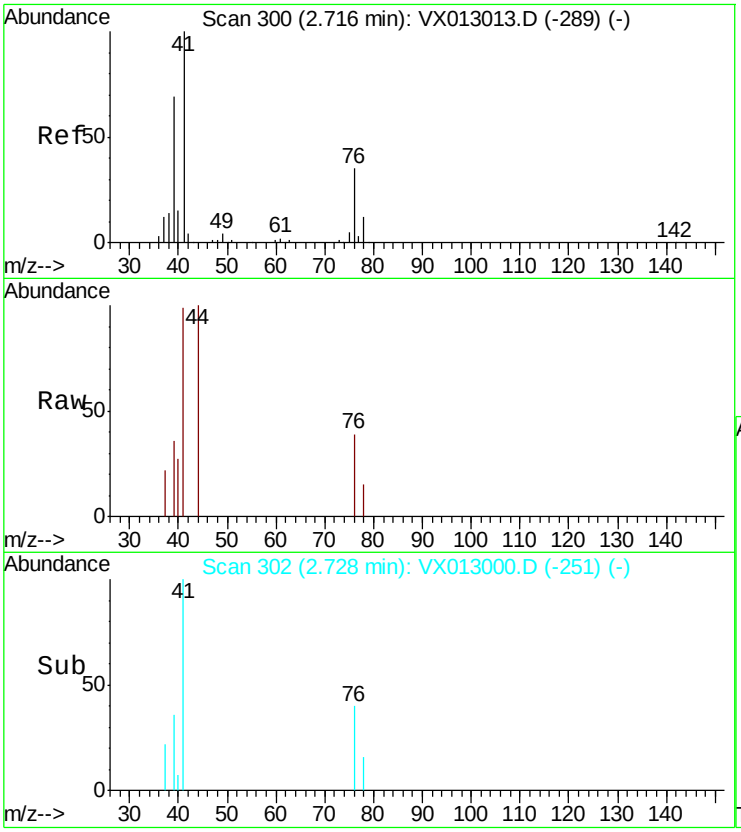


#13
Acrolein
Concen: 0.855 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 56 Resp: 325

Ion	Ratio	Lower	Upper
56	100		
55	51.7	56.6	85.0#

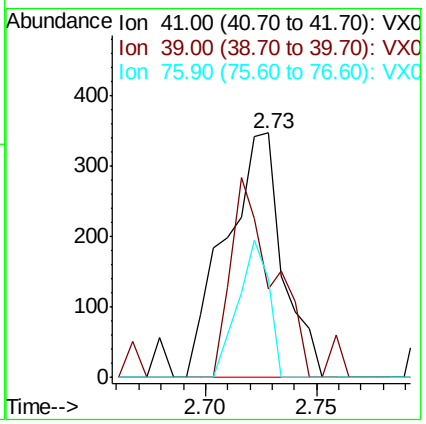




#14
Allyl chloride
Concen: 0.213 ug/l
RT: 2.73 min Scan# 302
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 41 Resp: 618

Ion	Ratio	Lower	Upper
41	100		
39	60.2	51.0	76.6
76	30.3	26.2	39.4



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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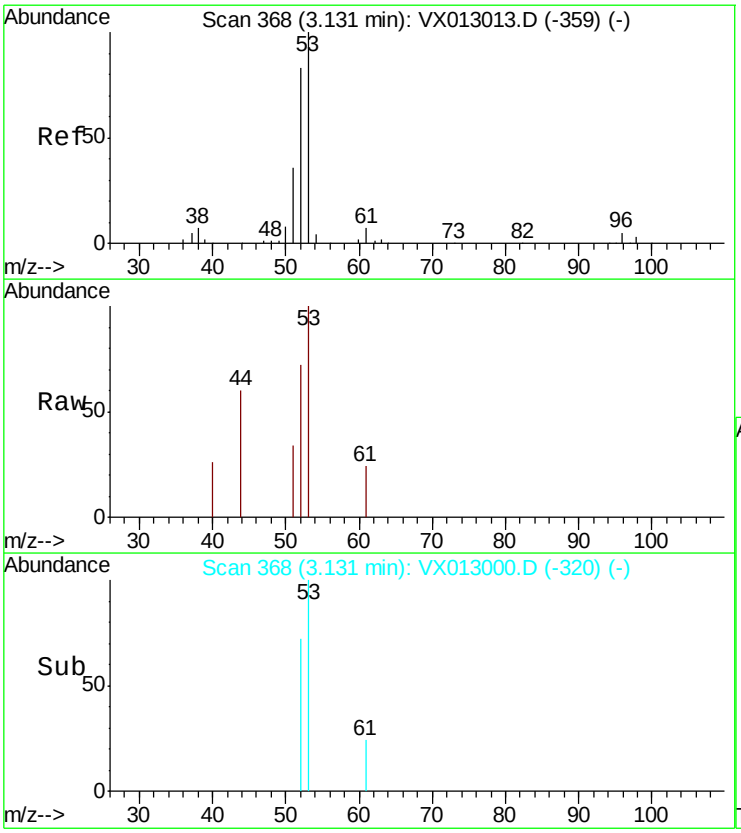
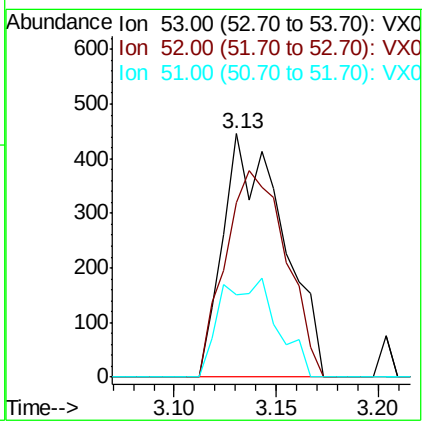
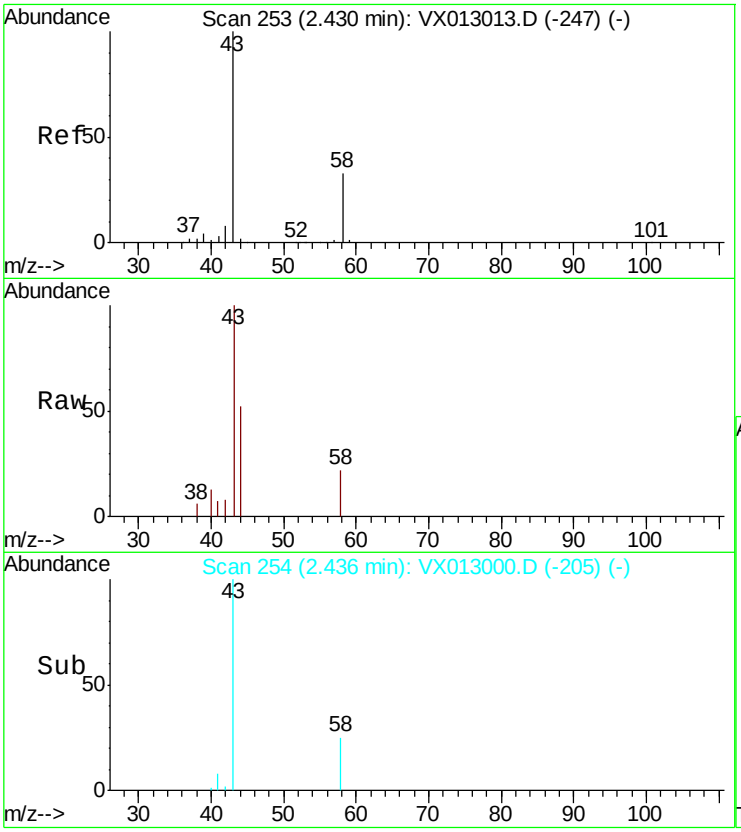


#15
Acrylonitrile
Concen: 0.892 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 53 Resp: 904

Ion	Ratio	Lower	Upper
53	100		
52	86.5	66.2	99.2
51	38.6	28.2	42.4





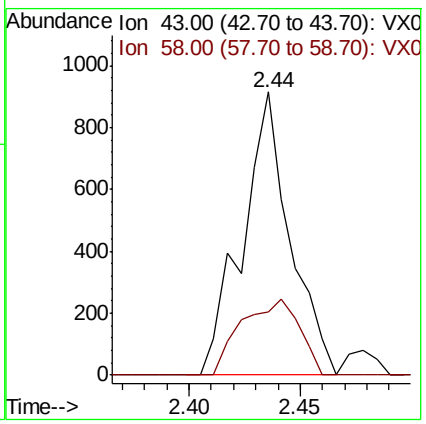
#16
Acetone
Concen: 1.280 ug/l
RT: 2.44 min Scan# 254
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

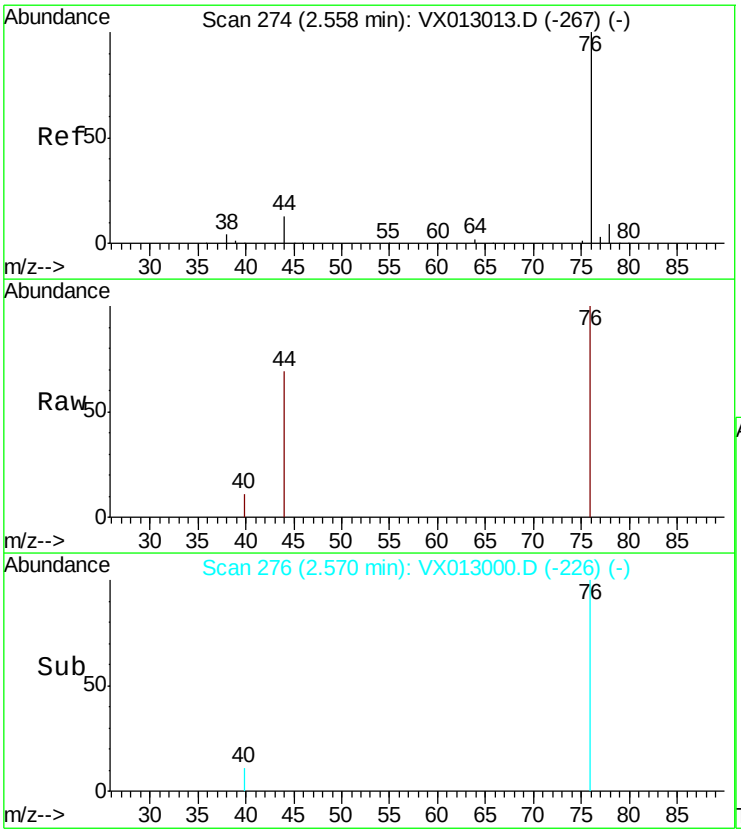
Tgt Ion: 43 Resp: 1362

Ion	Ratio	Lower	Upper
43	100		
58	22.2	25.4	38.2#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:41 PM

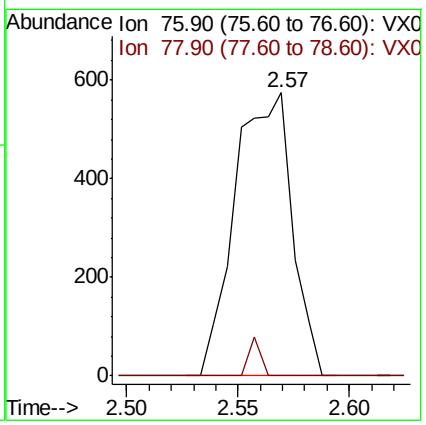


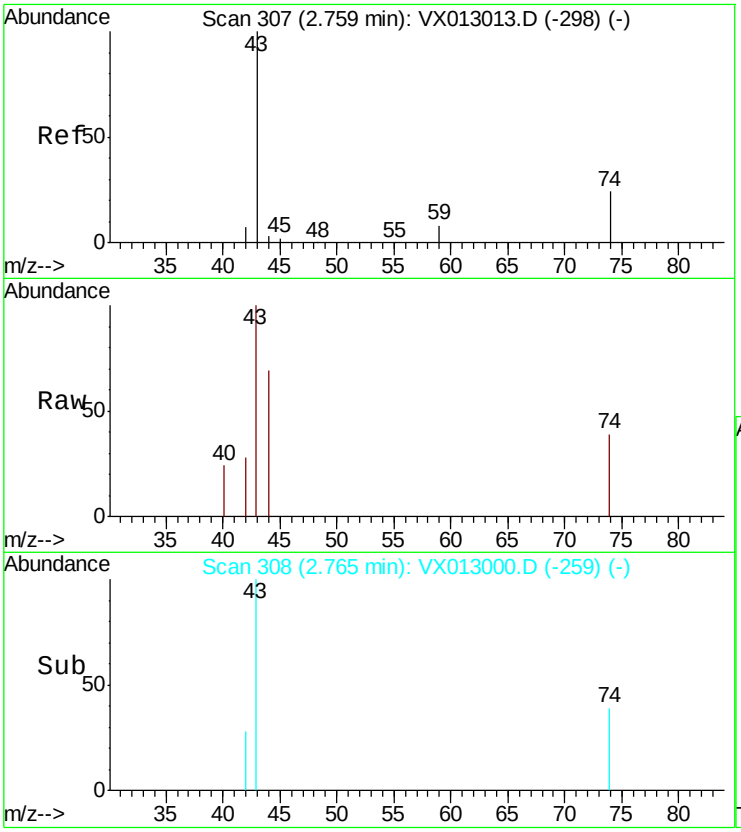


#17
Carbon Disulfide
Concen: 0.220 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 76 Resp: 1023

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#





#18
Methyl Acetate
Concen: 0.293 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 43 Resp: 739

Ion	Ratio	Lower	Upper
43	100		
74	10.6	19.2	28.8#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

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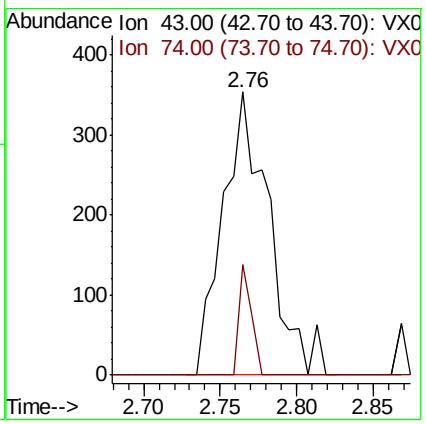
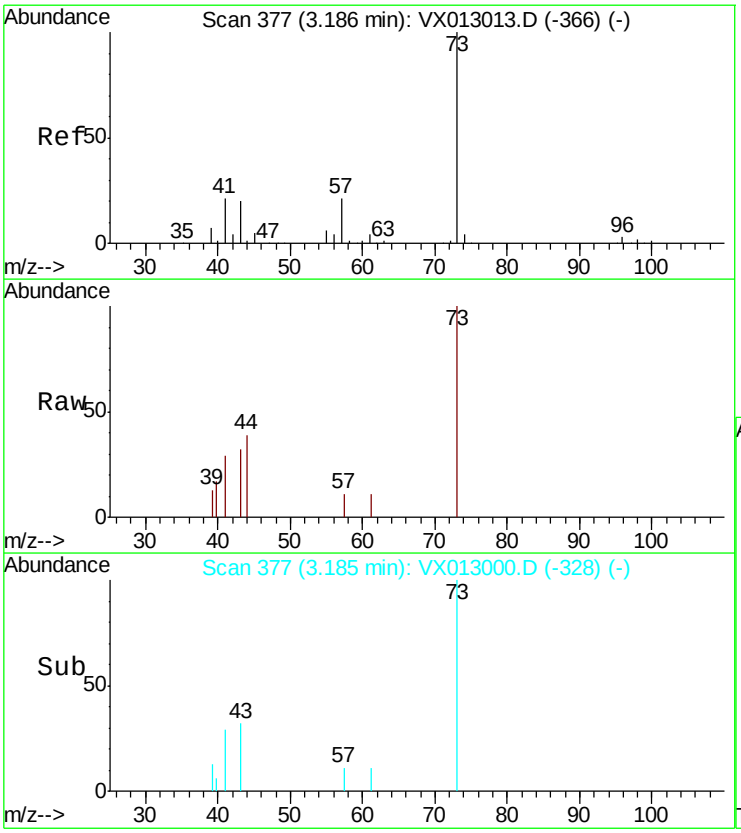
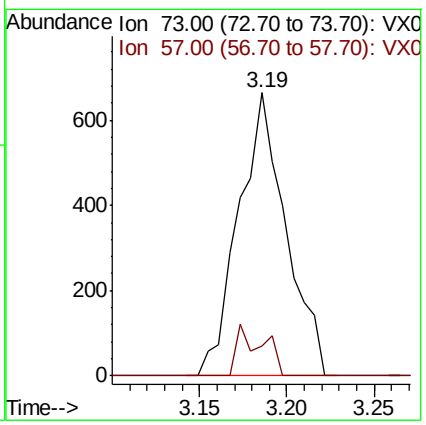


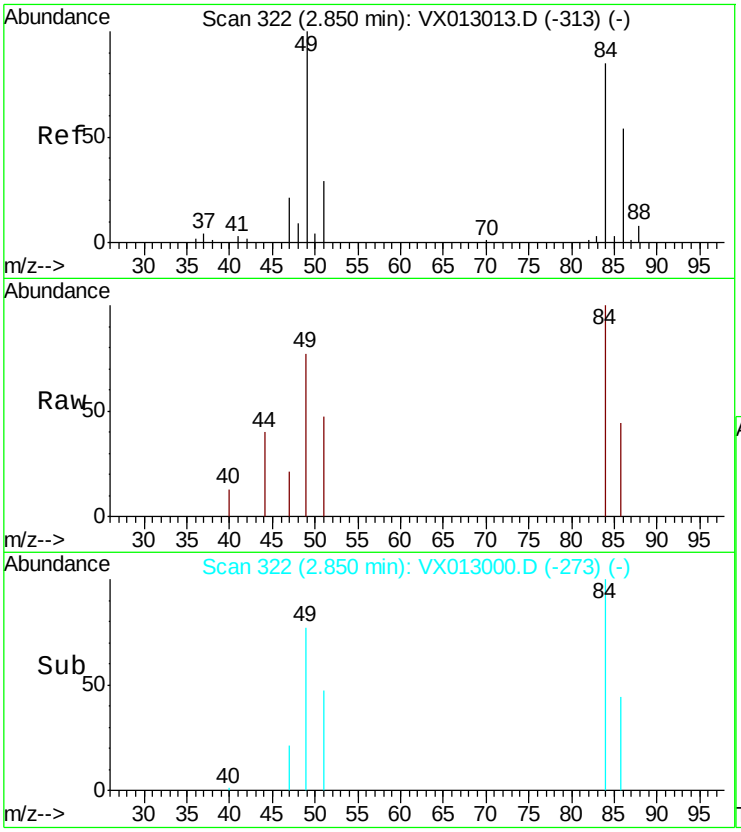


#19
Methyl tert-butyl Ether
Concen: 0.221 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 73 Resp: 1247

Ion	Ratio	Lower	Upper
73	100		
57	10.7	17.8	26.6#

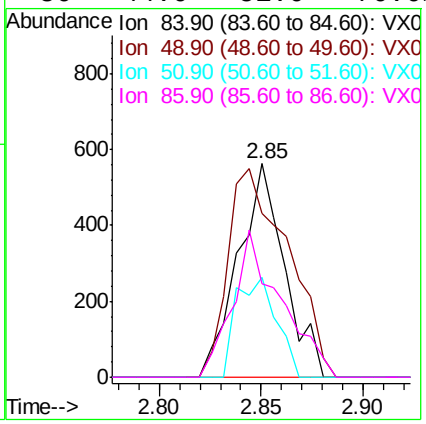




#20
Methylene Chloride
Concen: 0.452 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 84 Resp: 884

Ion	Ratio	Lower	Upper
84	100		
49	76.6	96.6	144.8#
51	46.5	30.7	46.1#
86	44.0	51.0	76.6#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

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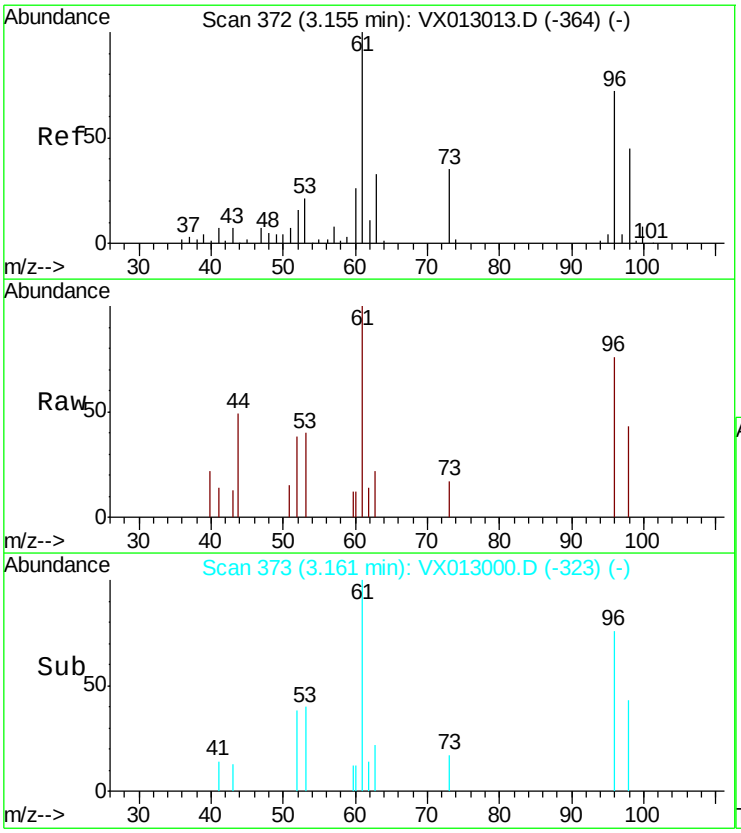
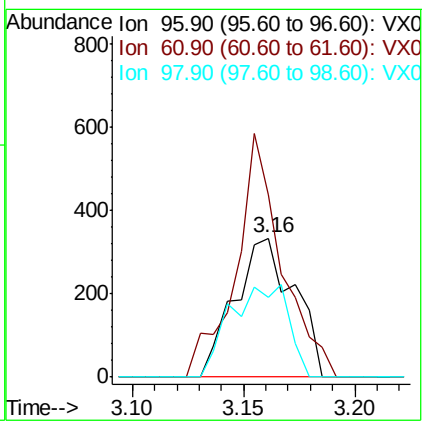
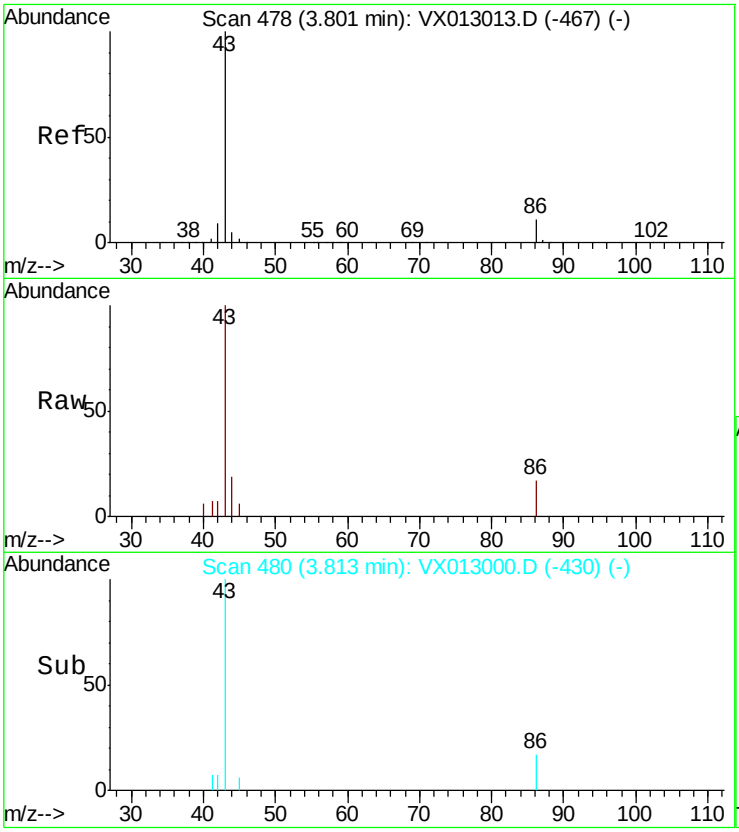


#21
trans-1,2-Dichloroethene
Concen: 0.351 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 96 Resp: 614

Ion	Ratio	Lower	Upper
96	100		
61	131.8	110.4	165.6
98	57.1	51.5	77.3





#23
Vinyl Acetate
Concen: 0.726 ug/l
RT: 3.81 min Scan# 480
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 43 Resp: 3492

Ion	Ratio	Lower	Upper
43	100		
86	16.7	9.0	13.6#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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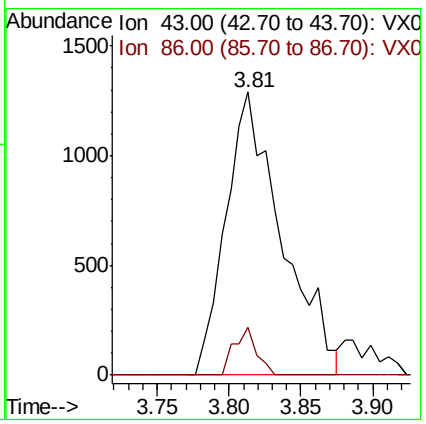
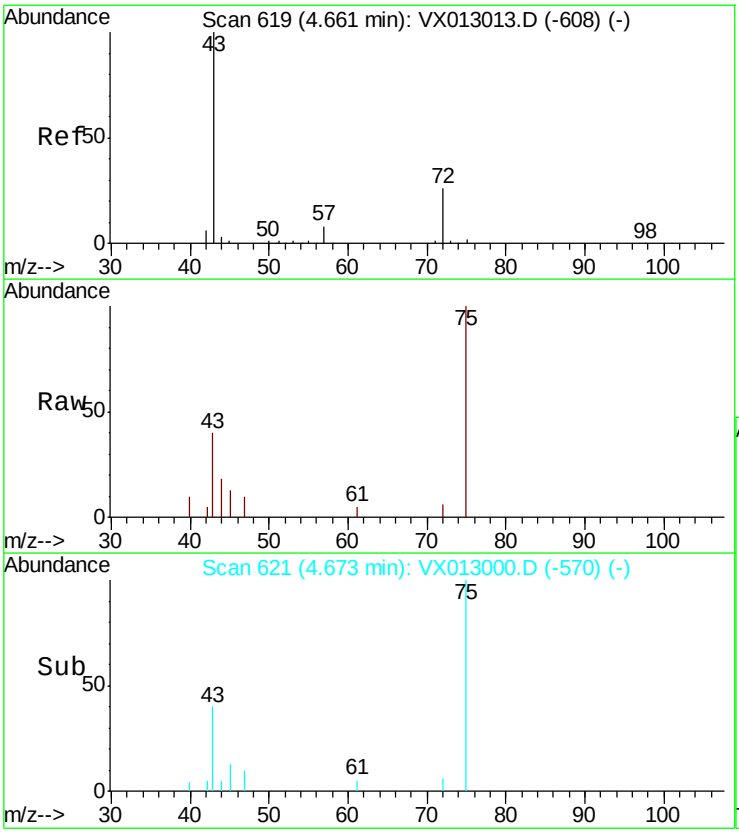
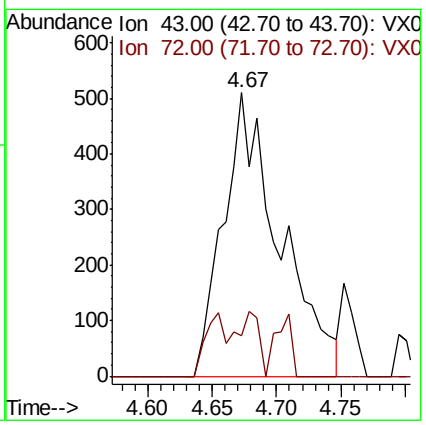


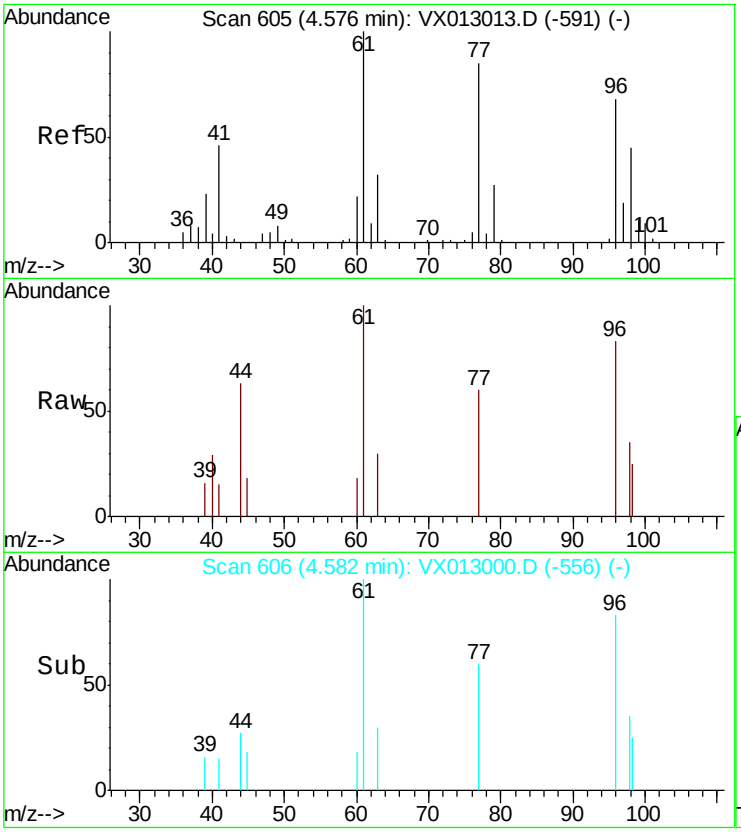


#25
2-Butanone
Concen: 1.043 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 43 Resp: 1540

Ion	Ratio	Lower	Upper
43	100		
72	14.3	21.0	31.6#





#26
2,2-Dichloropropane
Concen: 0.211 ug/l m
RT: 4.58 min Scan# 606
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 77 Resp: 556

Ion	Ratio	Lower	Upper
77	100		
97	4.5	11.3	33.9#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

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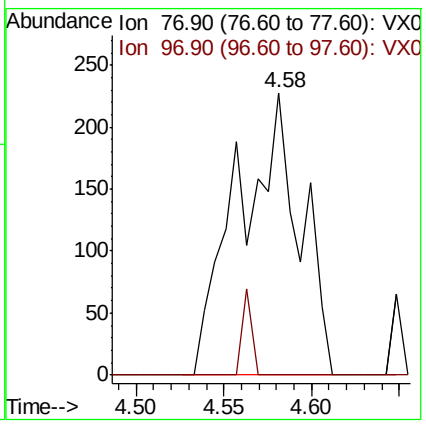
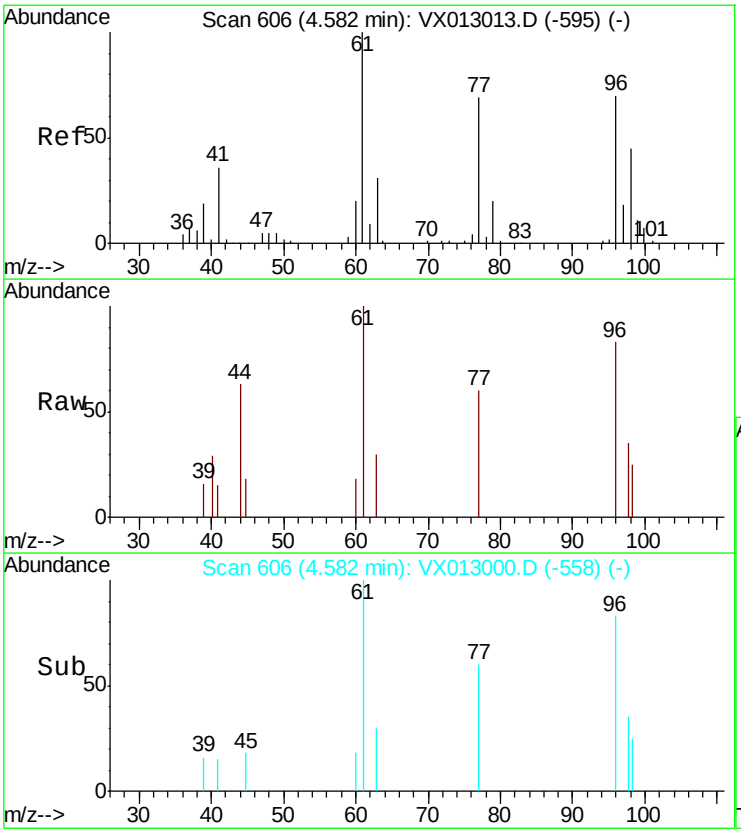
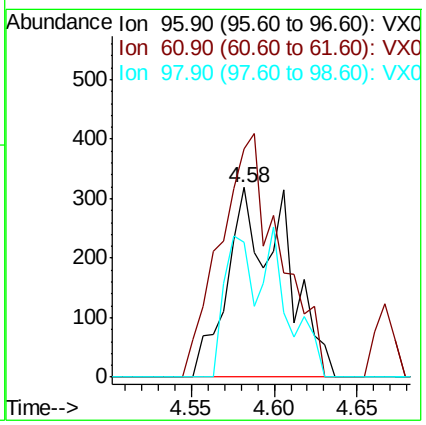


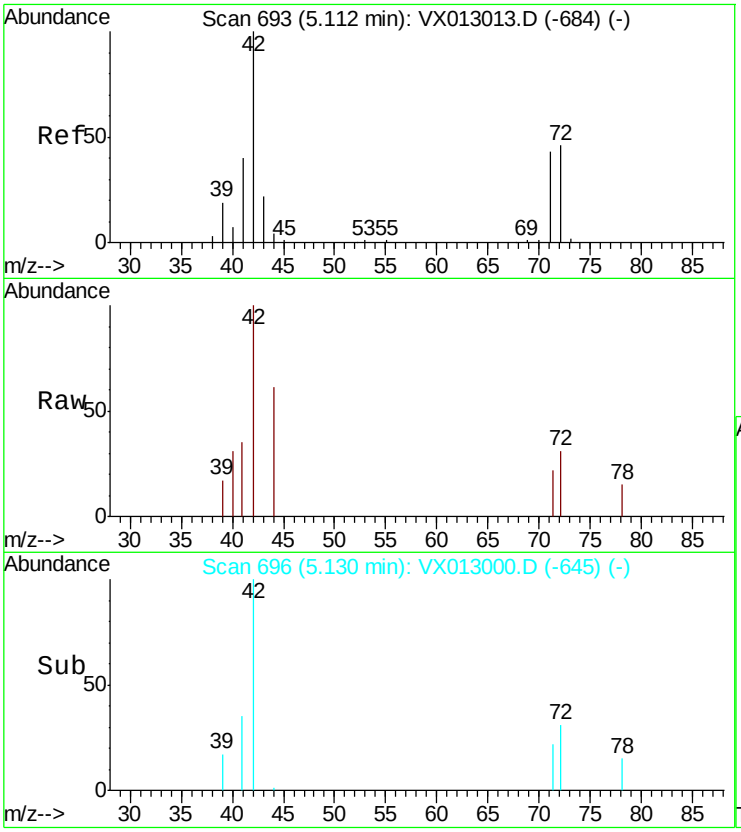


#27
cis-1,2-Dichloroethene
Concen: 0.382 ug/l m
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 96 Resp: 770

Ion	Ratio	Lower	Upper
96	100		
61	133.1	0.0	290.6
98	35.2	0.0	128.8





#29
Tetrahydrofuran
Concen: 1.027 ug/l m
RT: 5.13 min Scan# 696
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 42 Resp: 933

Ion	Ratio	Lower	Upper
42	100		
72	26.9	36.9	55.3#
71	7.0	33.5	50.3#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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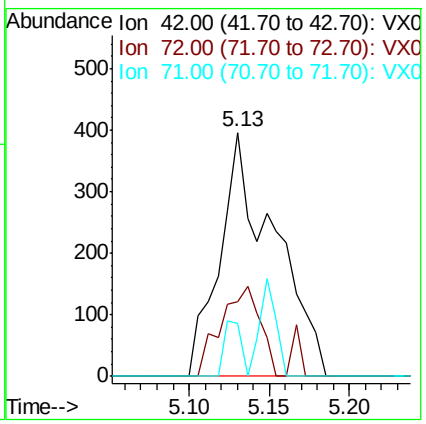
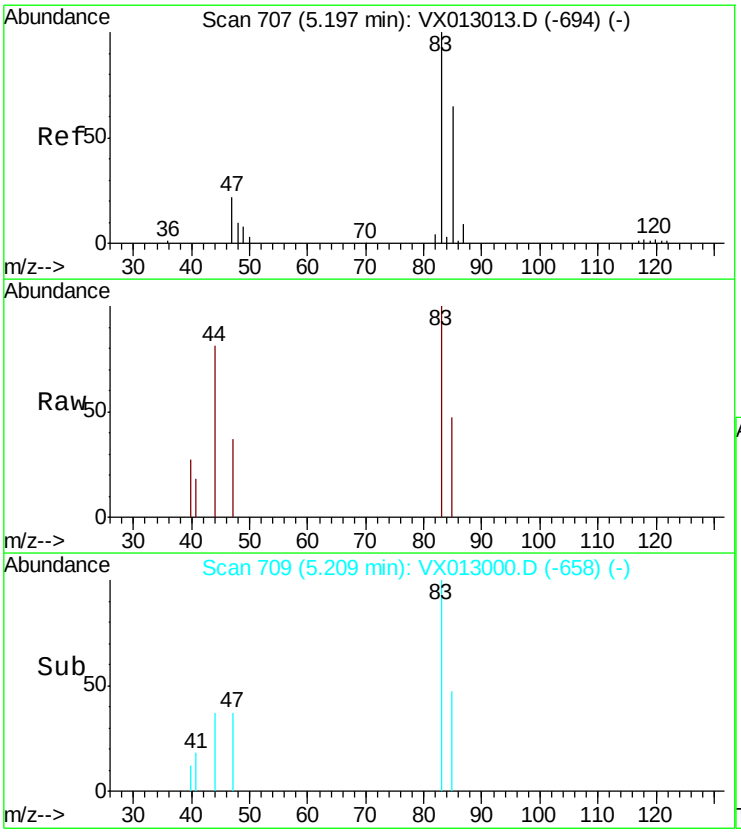
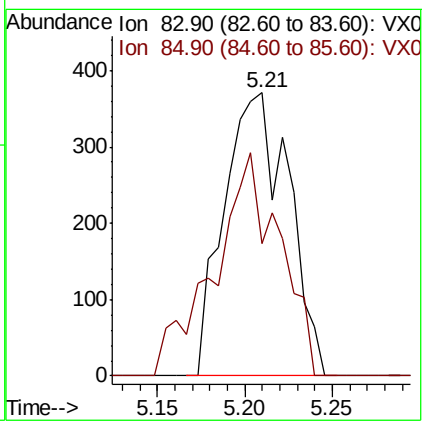


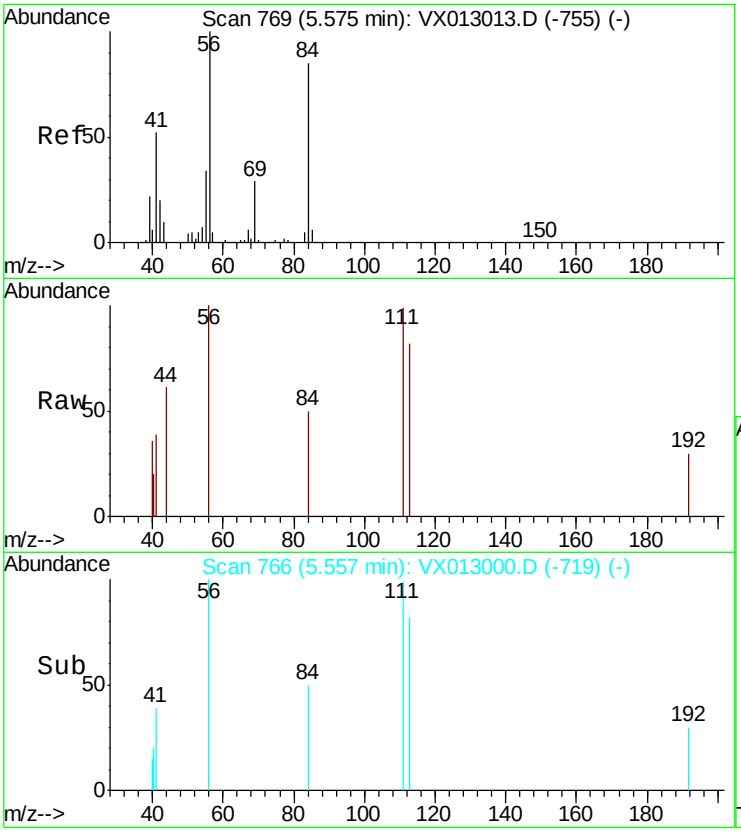


#30
Chloroform
Concen: 0.296 ug/l
RT: 5.21 min Scan# 709
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 83 Resp: 951

Ion	Ratio	Lower	Upper
83	100		
85	46.6	51.5	77.3#

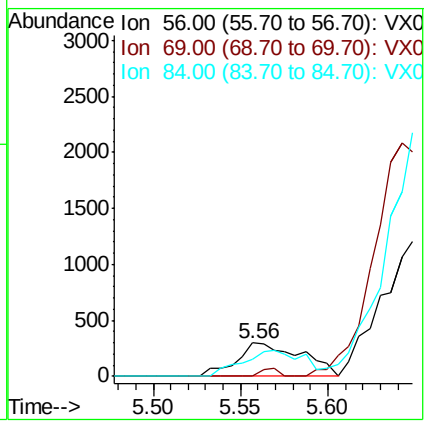




#31
Cyclohexane
Concen: 0.267 ug/l
RT: 5.56 min Scan# 766
Delta R.T. -0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 56 Resp: 783

Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.2	37.8#
84	50.3	71.3	106.9#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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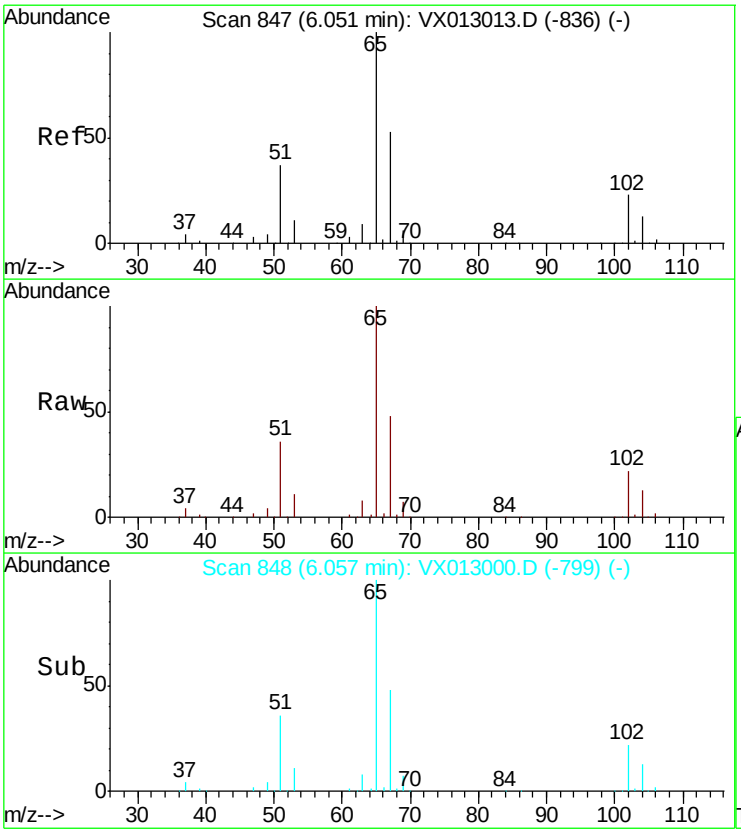
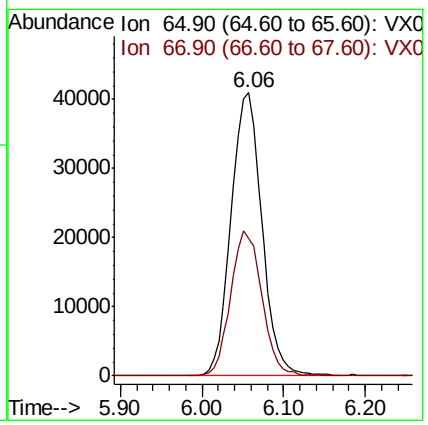
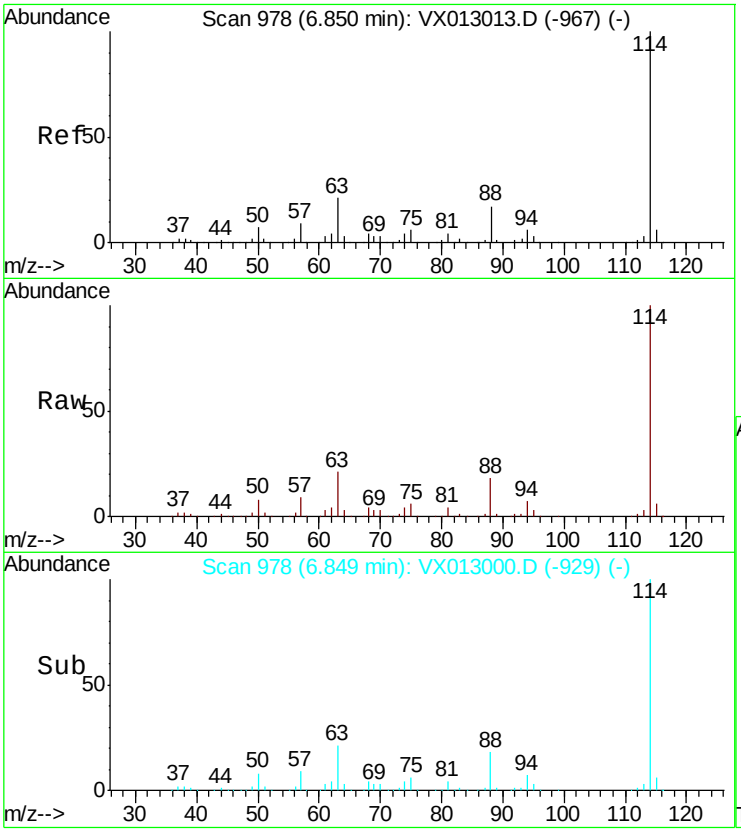


#33
1,2-Dichloroethane-d4
Concen: 53.061 ug/l
RT: 6.06 min Scan# 848
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 65 Resp: 107088

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.4

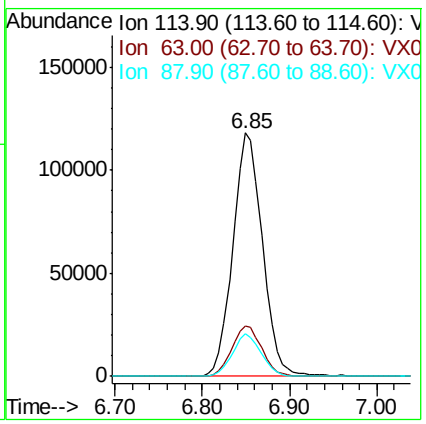




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion:114 Resp: 277540

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	17.8	0.0	33.8



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

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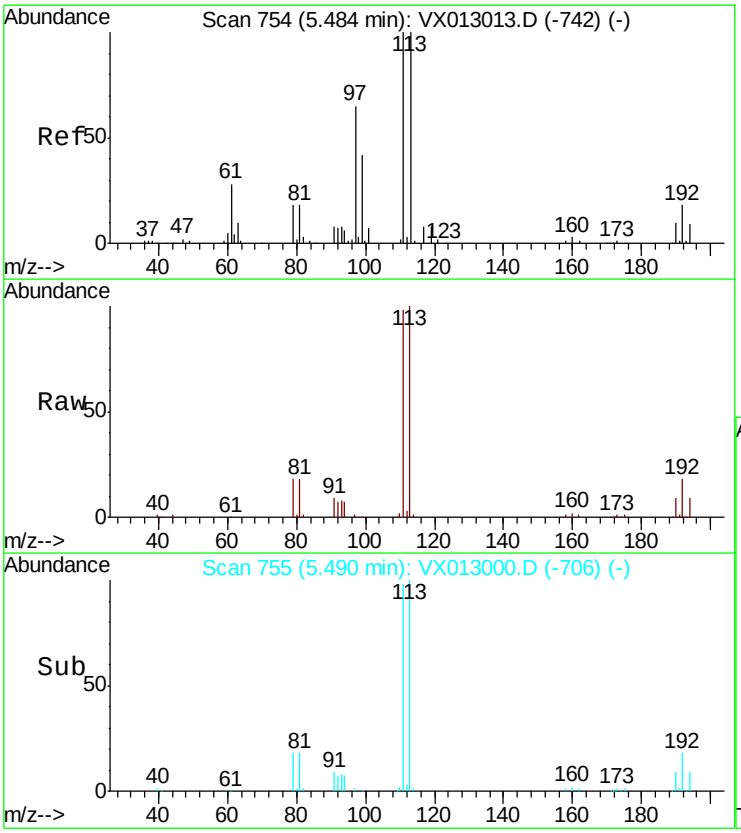
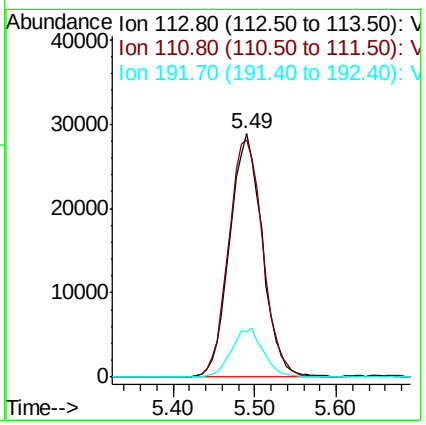
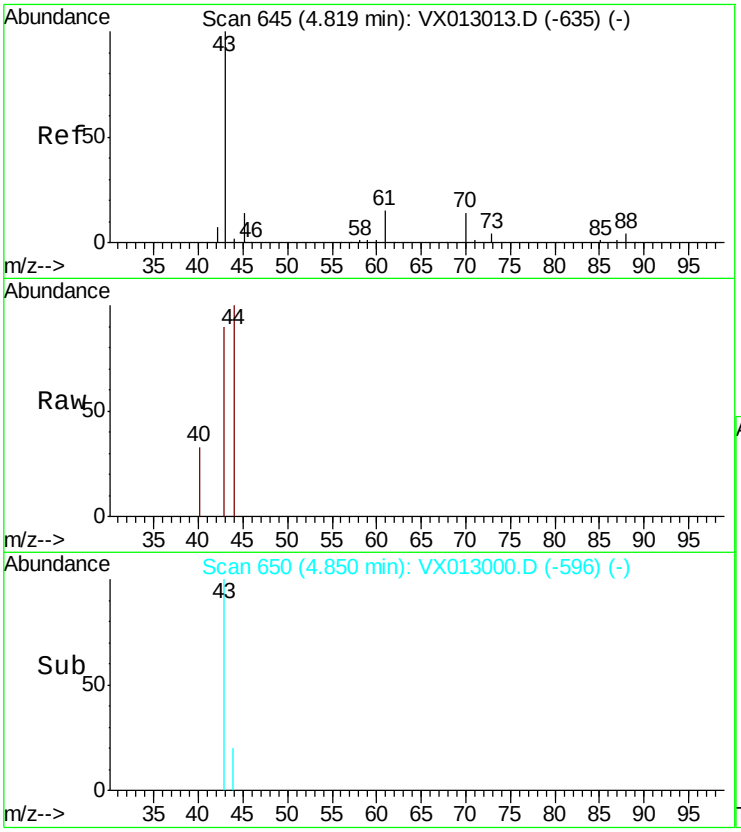


#35
Dibromofluoromethane
Concen: 50.179 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion:113 Resp: 79931

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.2	124.8
192	19.5	15.4	23.2





#37
Ethyl Acetate
Concen: 0.217 ug/l m
RT: 4.85 min Scan# 650
Delta R.T. 0.03 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 43 Resp: 591

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.4	17.0#
70	0.0	9.8	14.6#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

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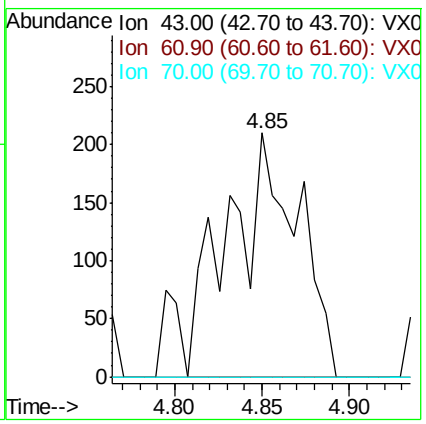
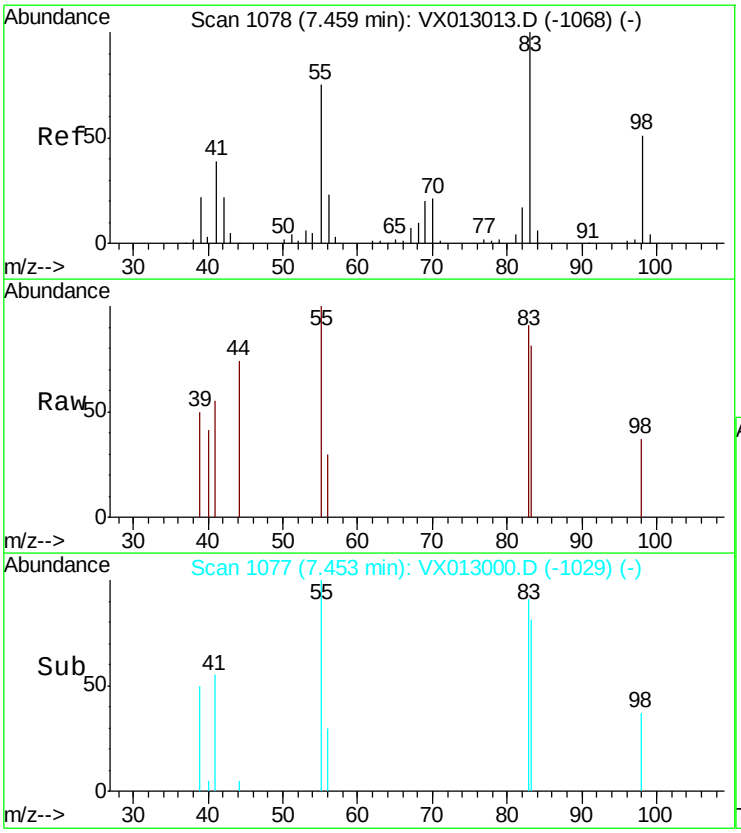
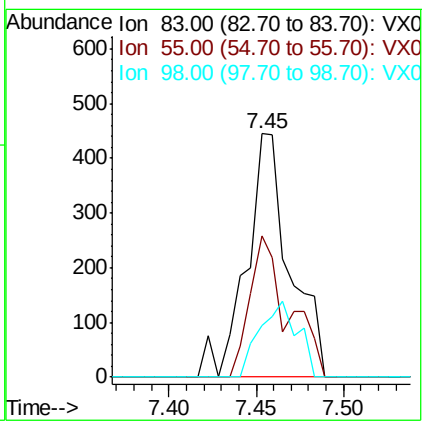


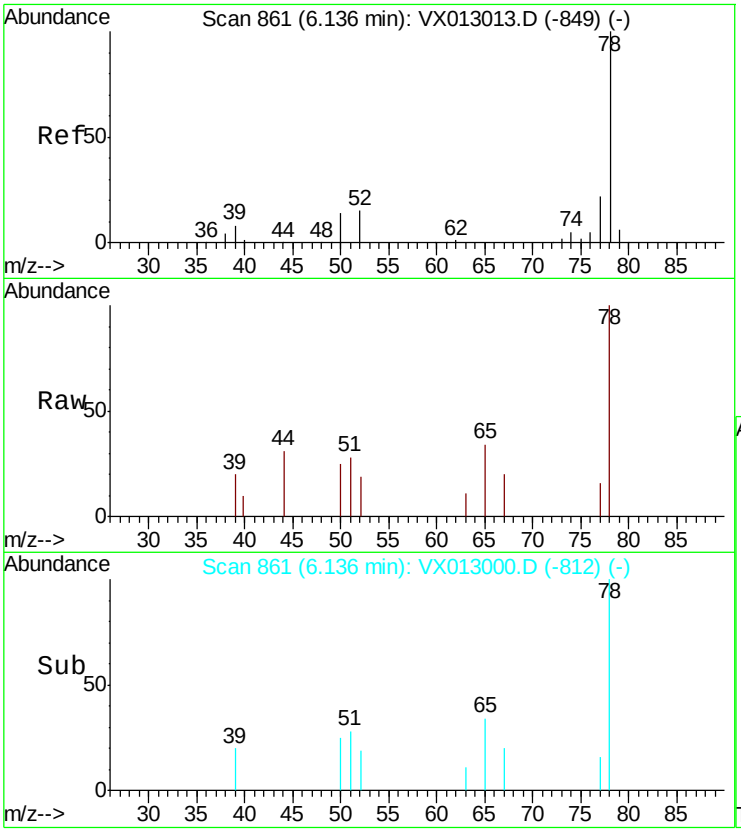


#39
Methylcyclohexane
Concen: 0.262 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 83 Resp: 774

Ion	Ratio	Lower	Upper
83	100		
55	58.0	60.2	90.4#
98	21.3	38.5	57.7#





#40
Benzene
Concen: 0.222 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 78 Resp: 1602

Ion	Ratio	Lower	Upper
78	100		
77	16.4	19.0	28.4#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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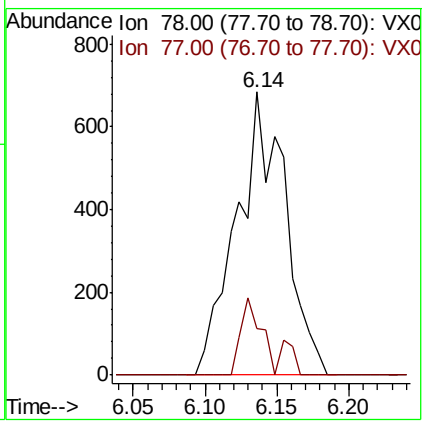
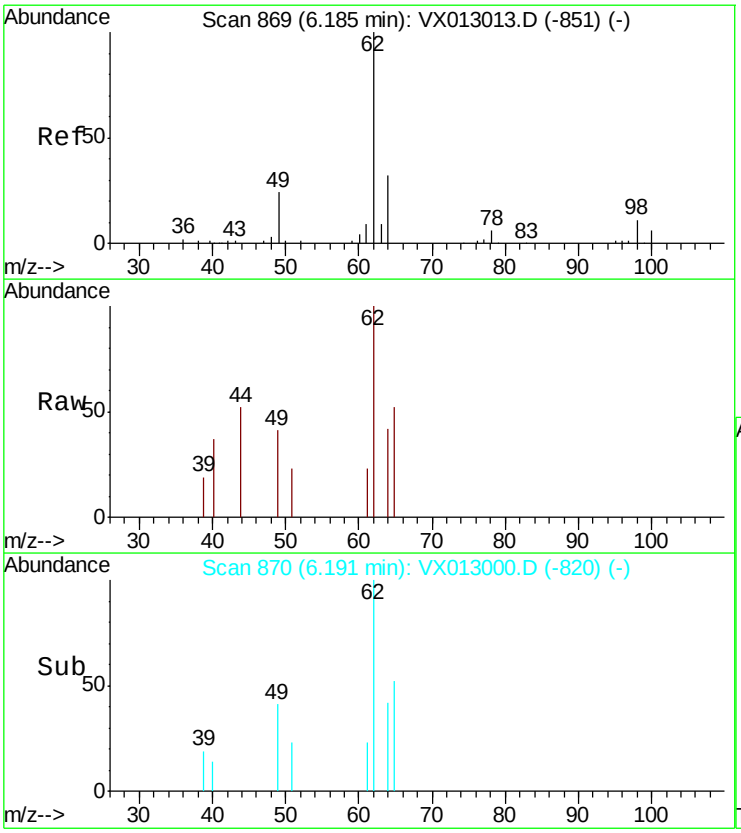
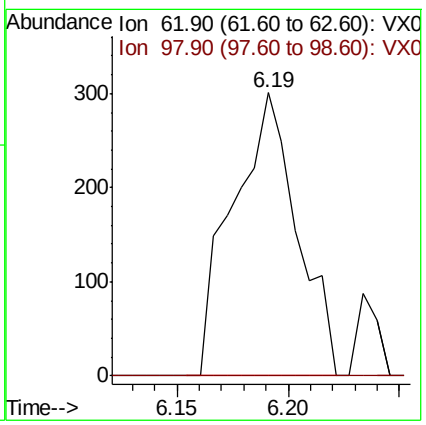


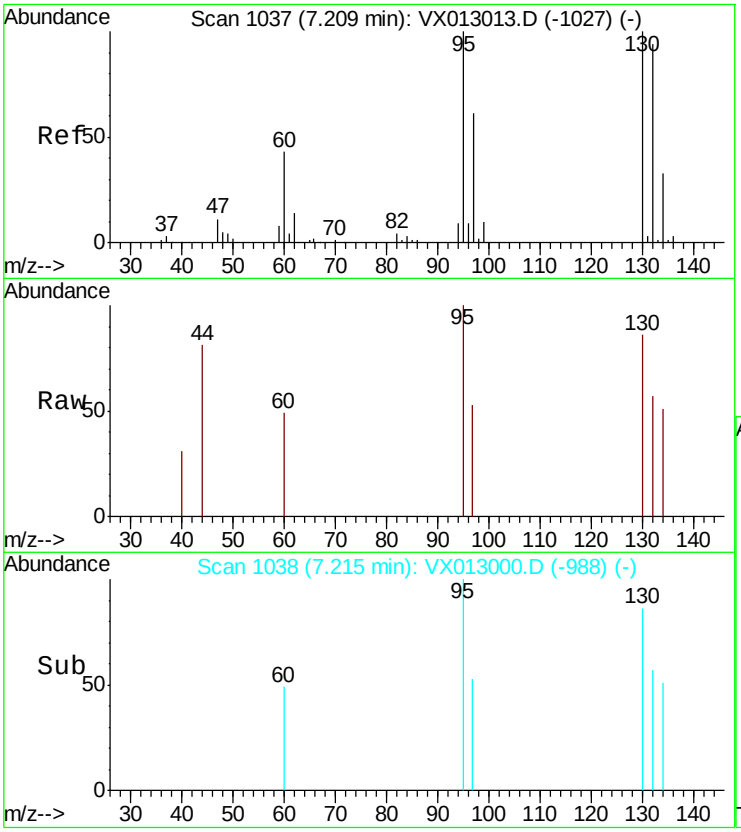


#42
1,2-Dichloroethane
Concen: 0.234 ug/l
RT: 6.19 min Scan# 870
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 62 Resp: 605

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.4





#44
Trichloroethene
Concen: 0.230 ug/l
RT: 7.22 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion:130 Resp: 460

Ion	Ratio	Lower	Upper
130	100		
95	115.8	0.0	189.2

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
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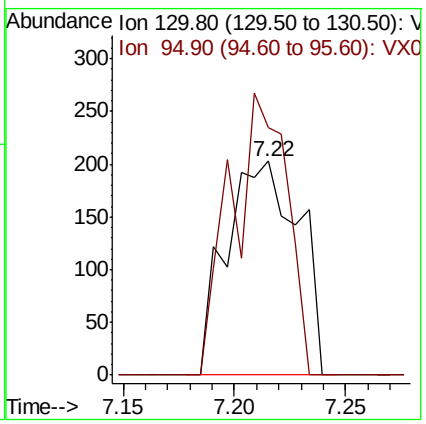
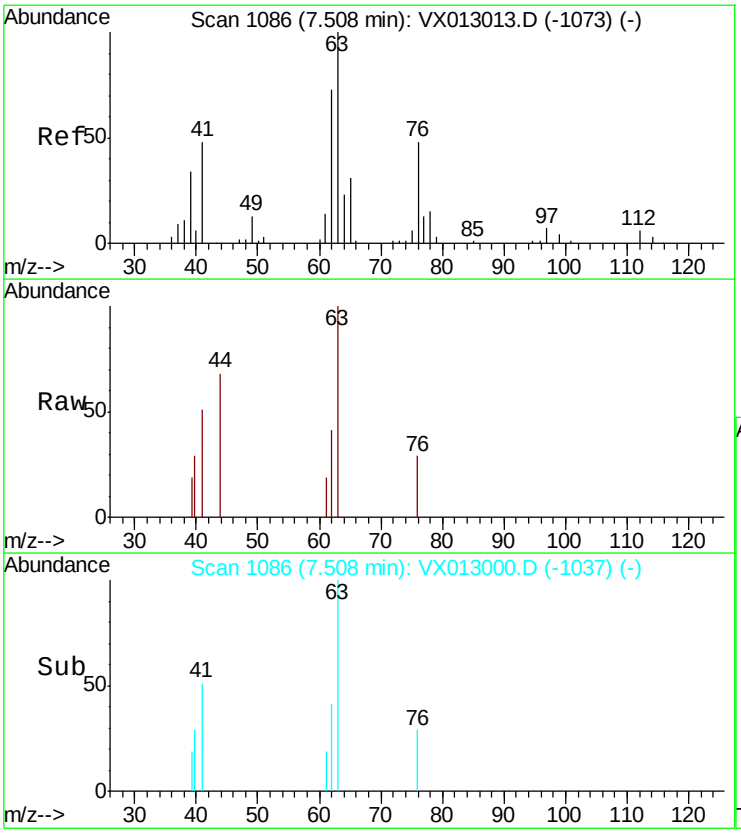
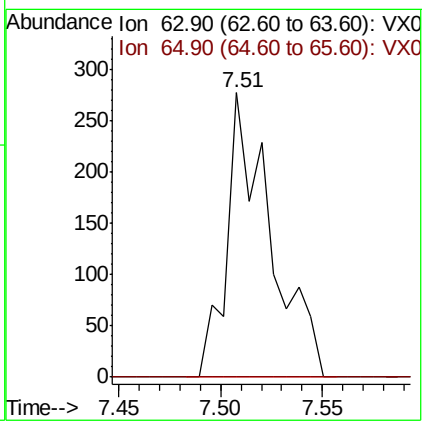


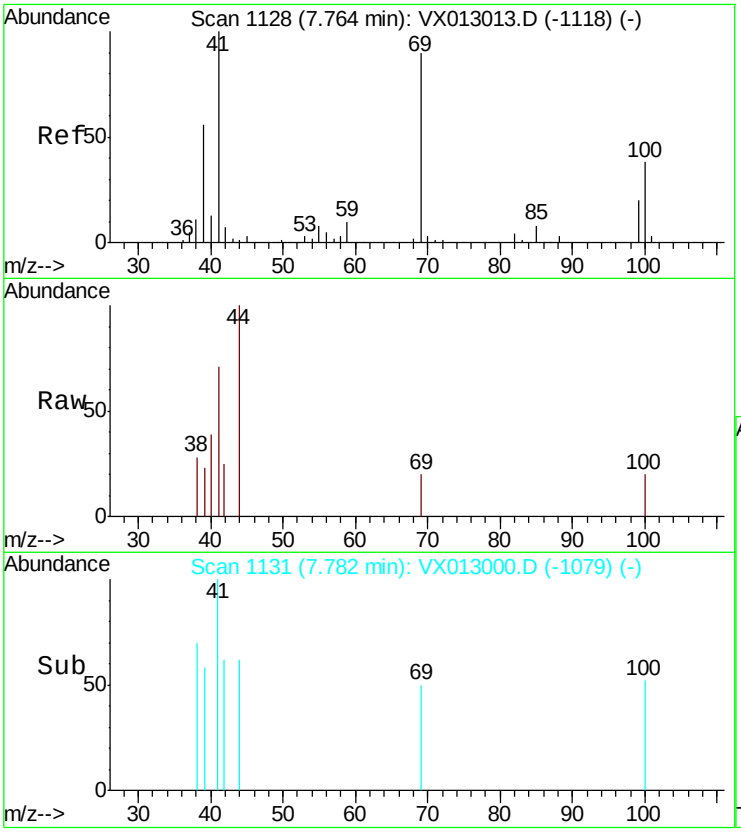


#45
1,2-Dichloropropane
Concen: 0.222 ug/l
RT: 7.51 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 63 Resp: 408

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#





#48
Methyl methacrylate
Concen: 0.201 ug/l m
RT: 7.78 min Scan# 1131
Delta R.T. 0.02 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 41 Resp: 430

Ion	Ratio	Lower	Upper
41	100		
69	43.7	68.7	103.1#
39	0.0	44.3	66.5#

Instrument :
MSVOA_X
ClientSampleId :
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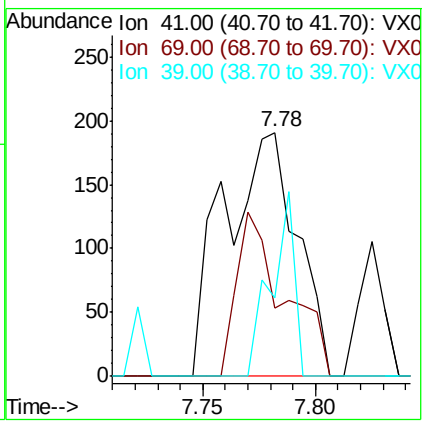
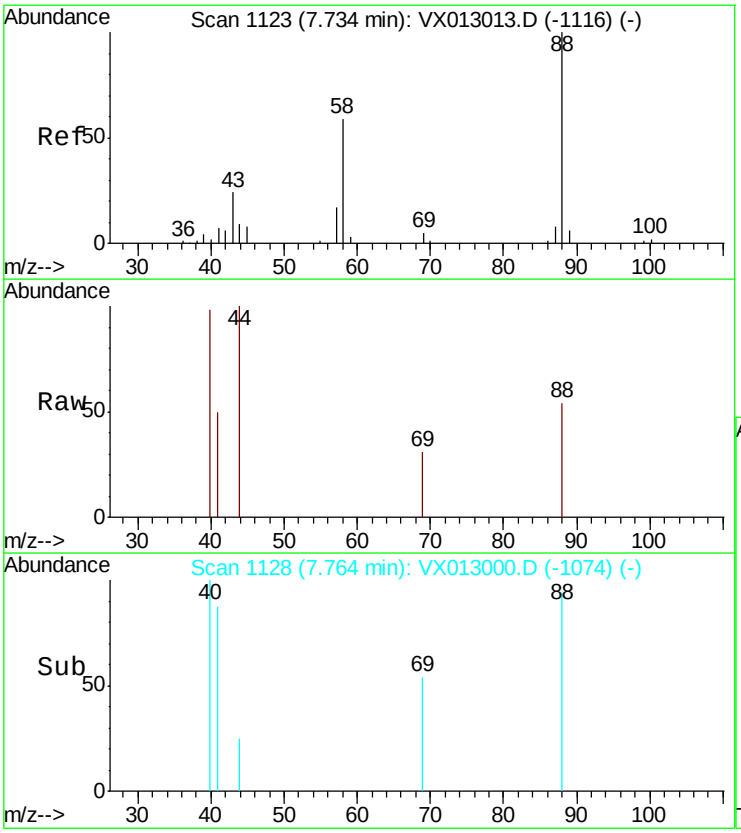
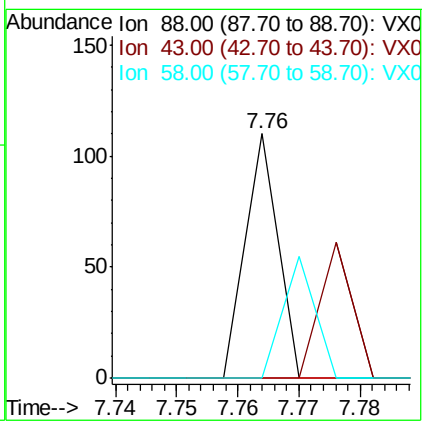


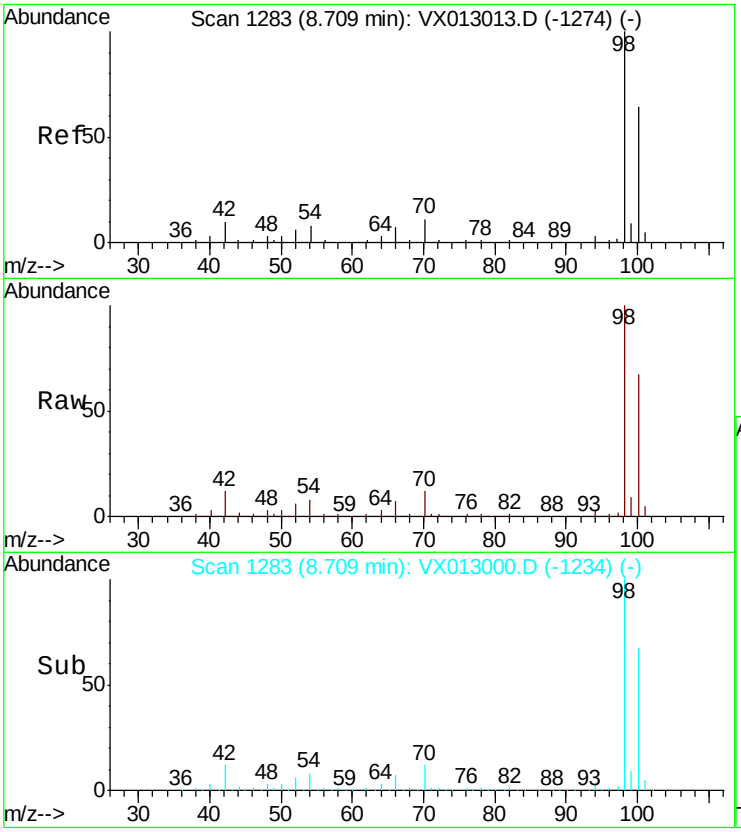


#49
1,4-Dioxane
Concen: 0.775 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.03 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 88 Resp: 40

Ion	Ratio	Lower	Upper
88	100		
43	55.0	25.0	37.6#
58	50.0	55.4	83.2#

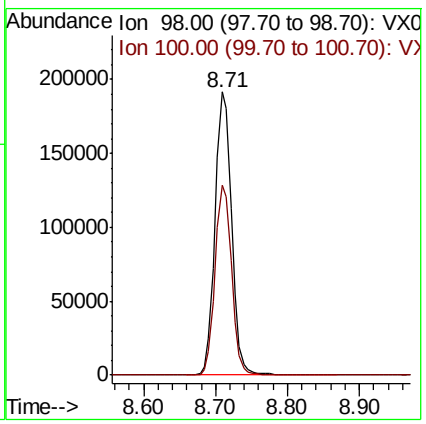




#50
Toluene-d8
Concen: 48.954 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 98 Resp: 304142

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

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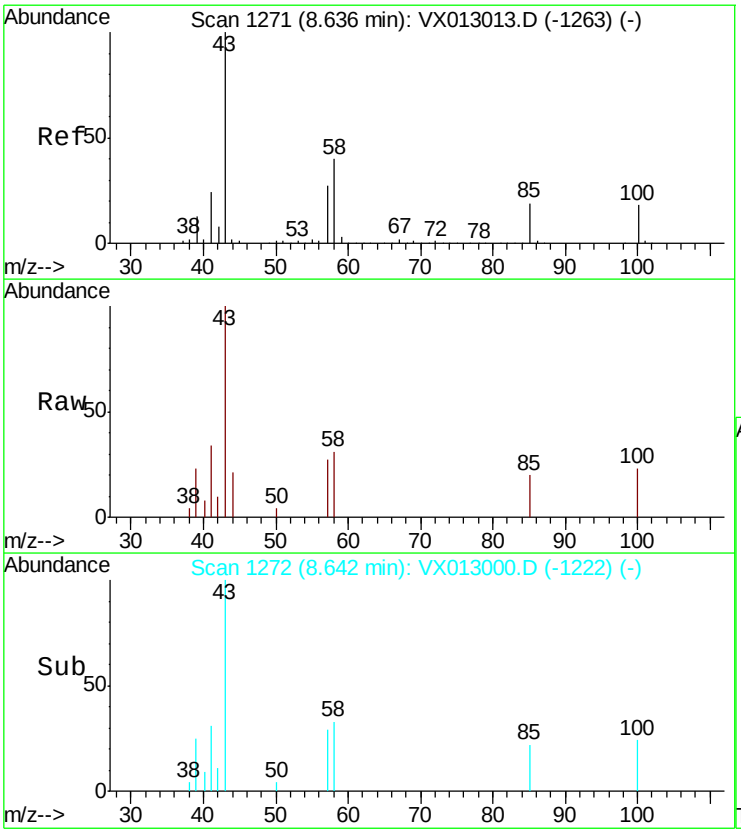
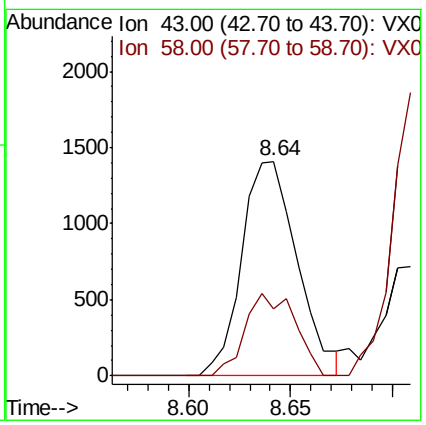
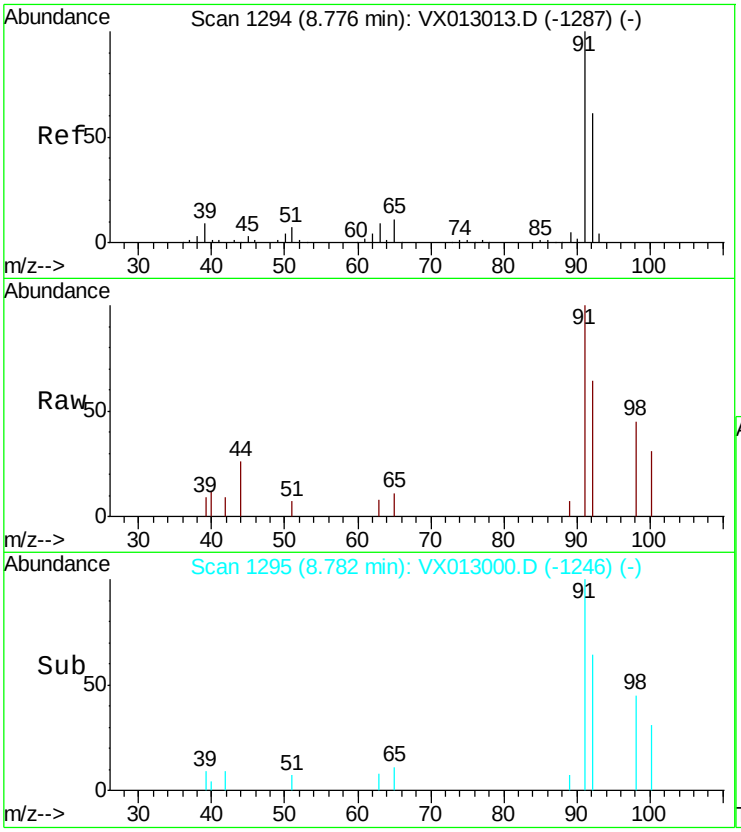


#51
4-Methyl-2-Pentanone
Concen: 0.979 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 43 Resp: 2673

Ion	Ratio	Lower	Upper
43	100		
58	34.8	32.4	48.6





#52
Toluene
Concen: 0.214 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 92 Resp: 986

Ion	Ratio	Lower	Upper
92	100		
91	162.2	135.9	203.9

Instrument :
MSVOA_X
ClientSampleId :
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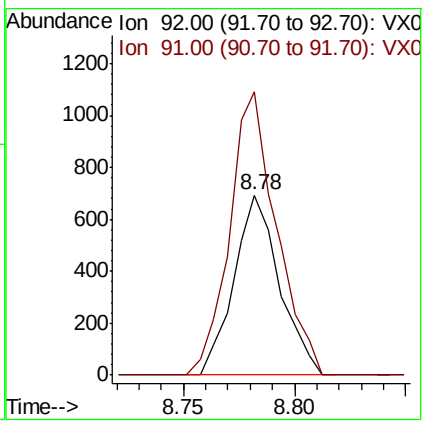
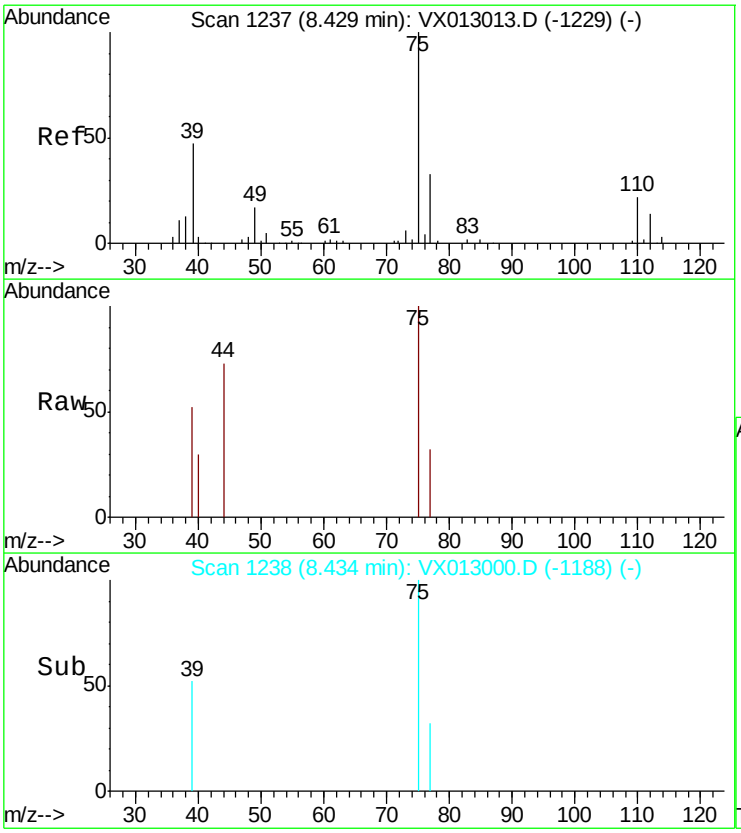
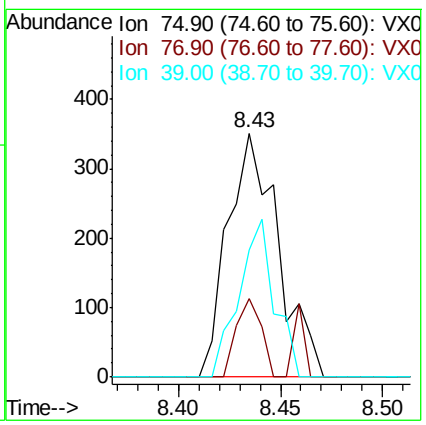


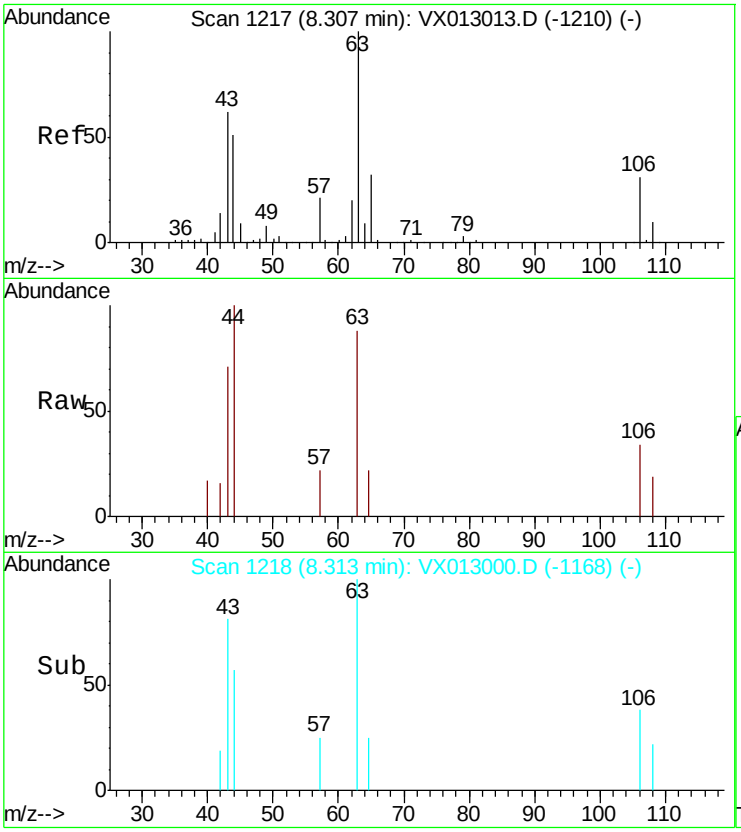


#54
cis-1,3-Dichloropropene
Concen: 0.206 ug/l
RT: 8.43 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 75 Resp: 604

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8
39	51.9	38.2	57.2





#58
2-Chloroethyl Vinyl ether
Concen: 0.743 ug/l
RT: 8.31 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 63 Resp: 996

Ion	Ratio	Lower	Upper
63	100		
106	19.6	23.8	35.8#

Instrument :
MSVOA_X
ClientSampleId :
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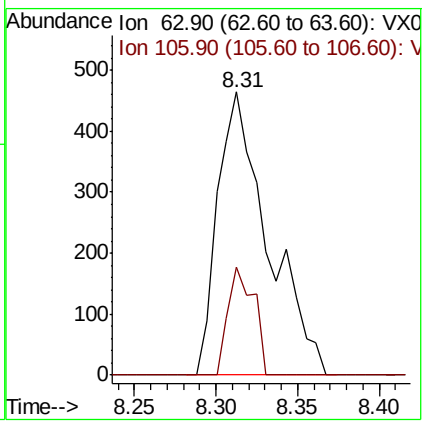
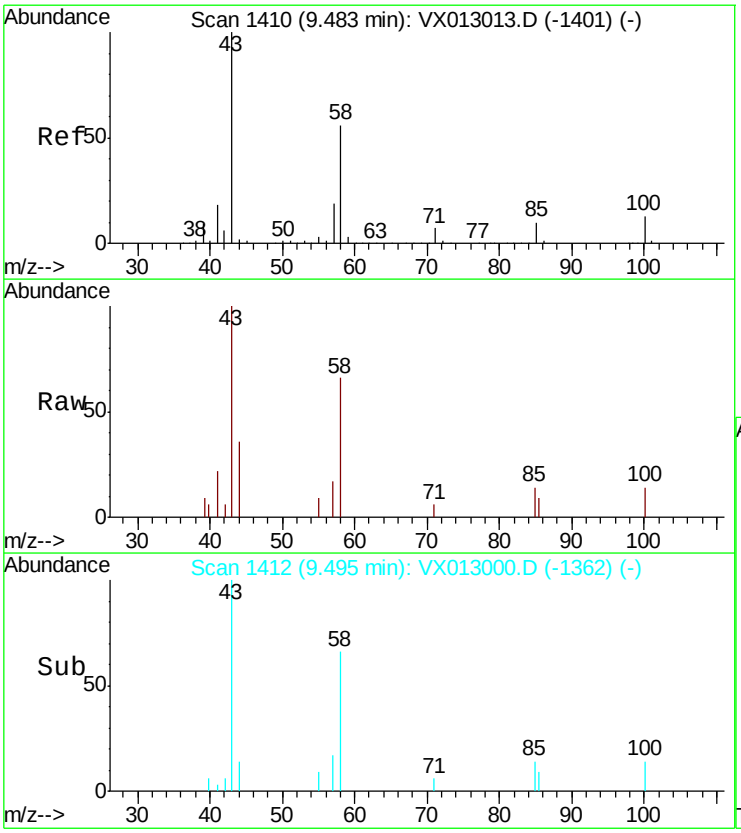
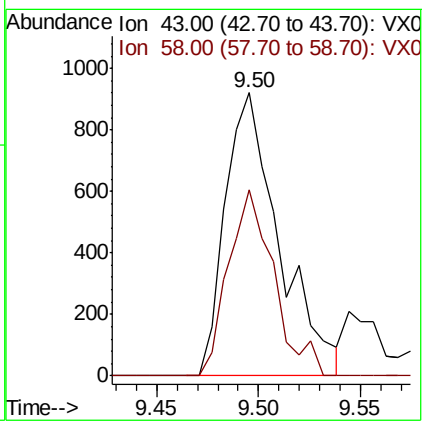


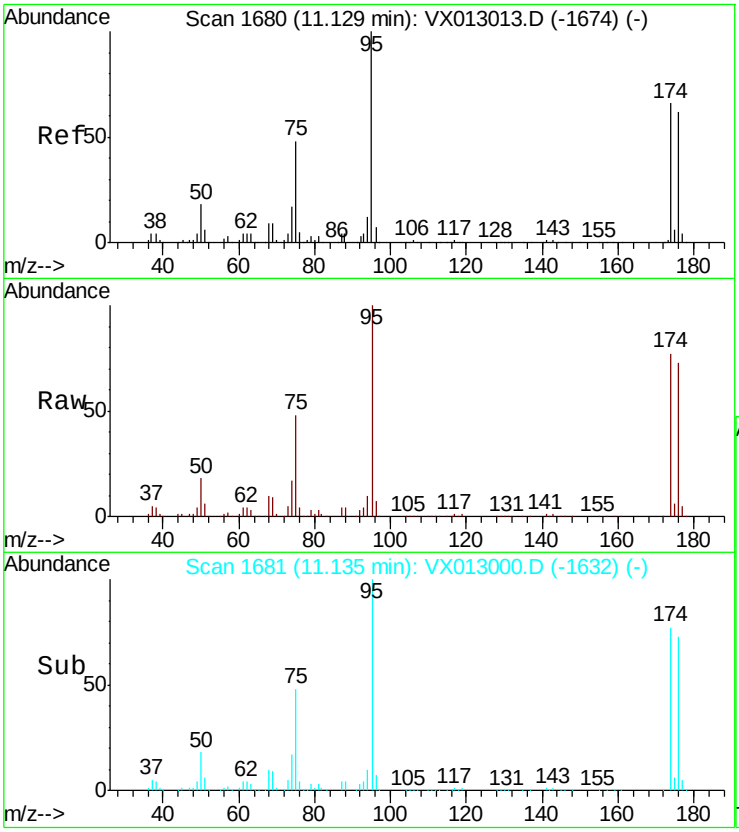


#59
2-Hexanone
Concen: 0.796 ug/l
RT: 9.50 min Scan# 1412
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 43 Resp: 1692

Ion	Ratio	Lower	Upper
43	100		
58	55.2	28.1	84.3

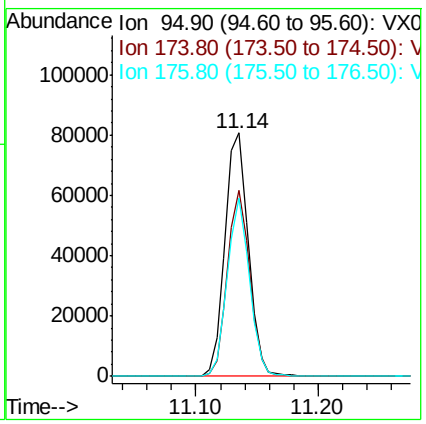




#62
4-Bromofluorobenzene
Concen: 44.263 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 95 Resp: 106852

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	143.4
176	69.0	0.0	136.0



Instrument :
MSVOA_X
ClientSampleId :
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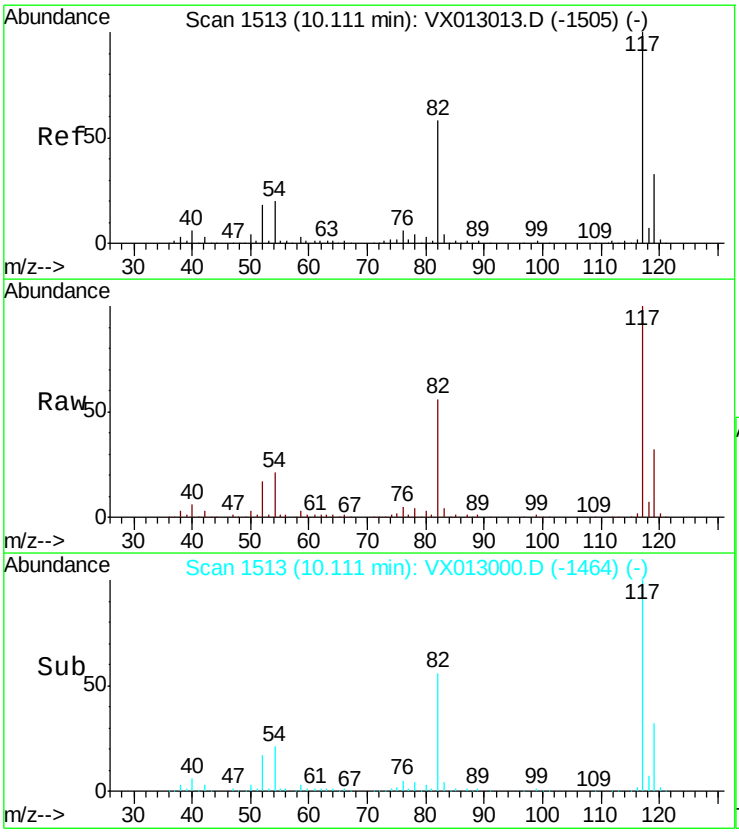
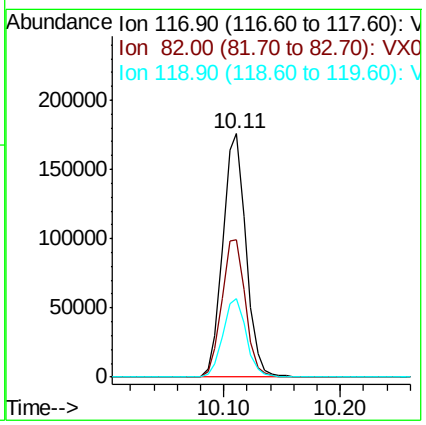
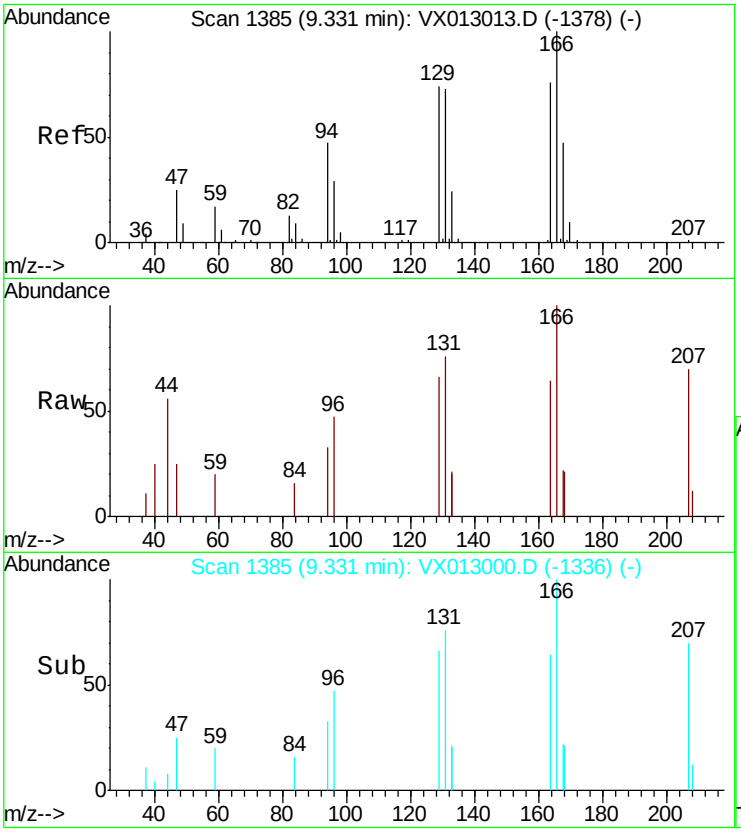


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion:117 Resp: 242784

Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.1	66.1
119	32.3	25.8	38.8

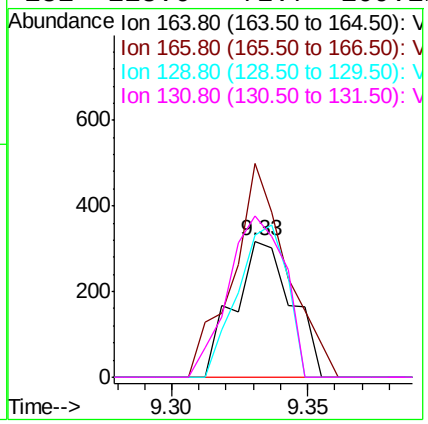




#64
Tetrachloroethene
Concen: 0.276 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion:164 Resp: 465

Ion	Ratio	Lower	Upper
164	100		
166	156.9	96.9	145.3#
129	104.1	77.9	116.9
131	118.6	72.7	109.1#



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

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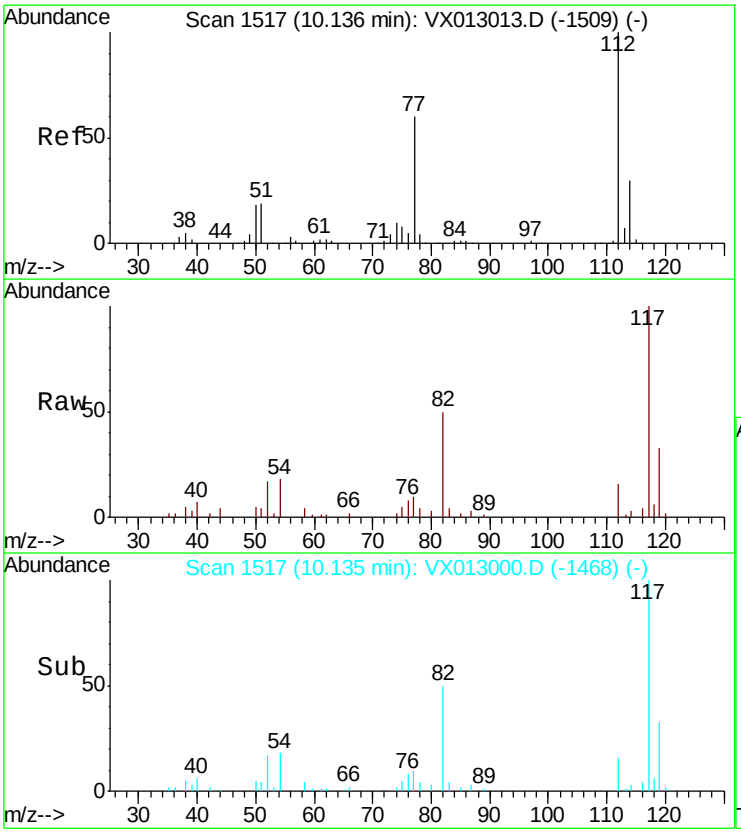
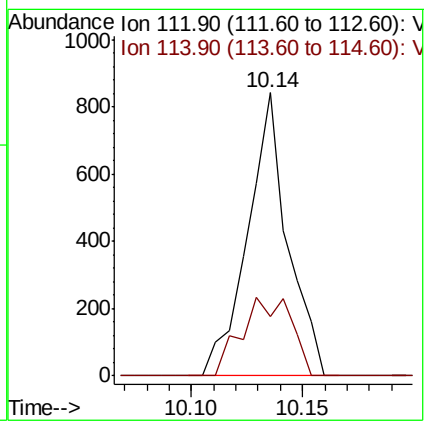
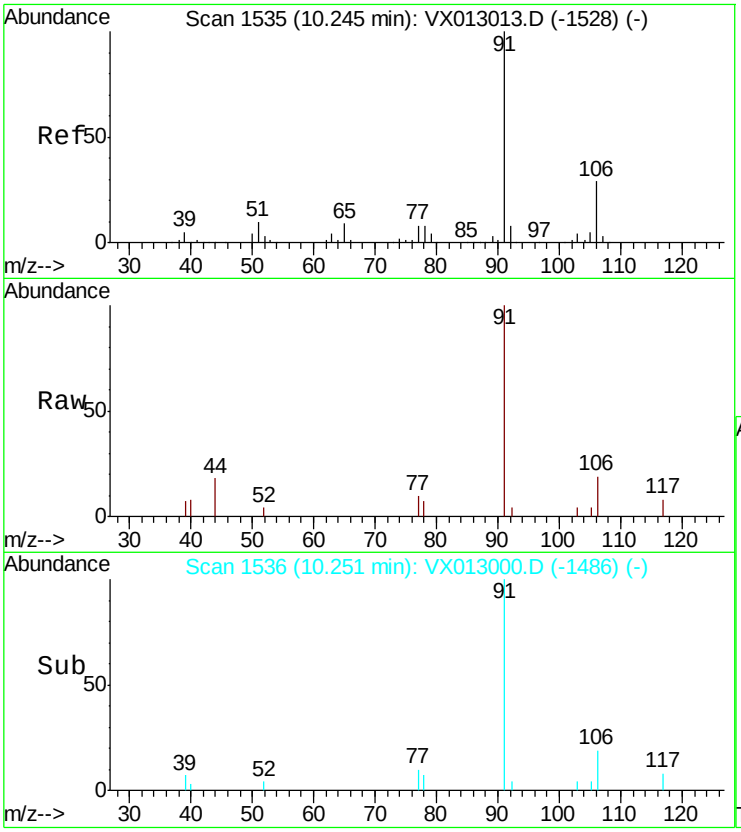


#65
Chlorobenzene
Concen: 0.219 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion:112 Resp: 1054

Ion	Ratio	Lower	Upper
112	100		
114	21.1	25.7	38.5#





#67
Ethyl Benzene
Concen: 0.202 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 91 Resp: 1730

Ion	Ratio	Lower	Upper
91	100		
106	18.6	23.9	35.9#

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

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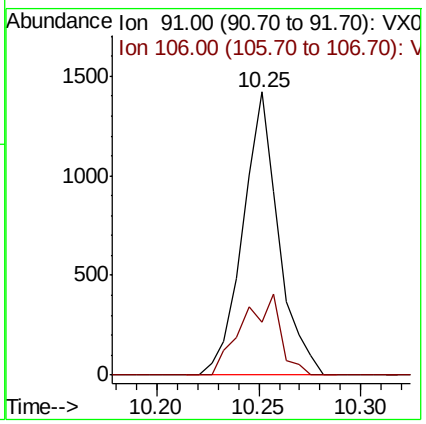
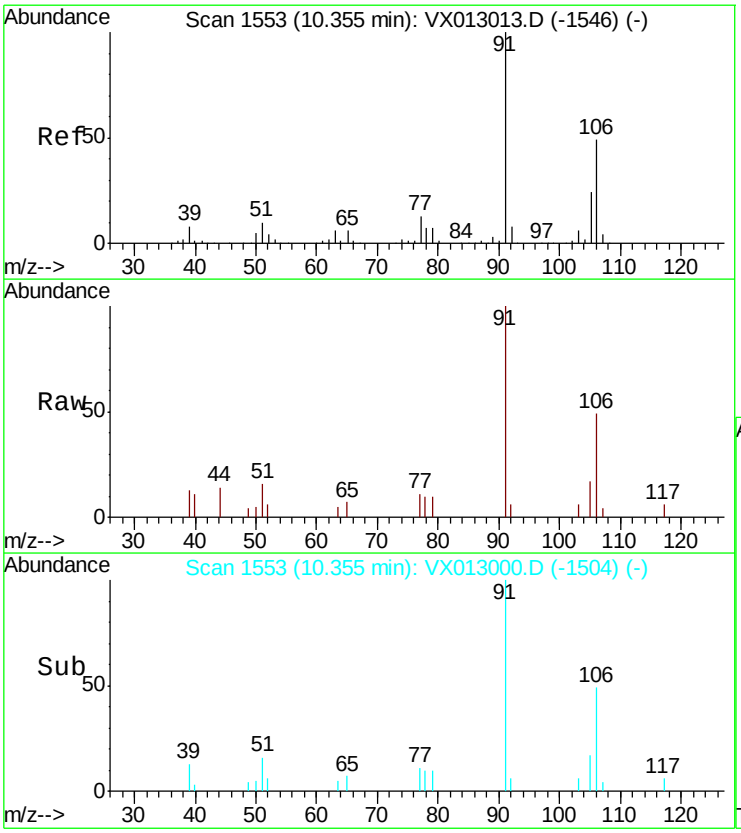
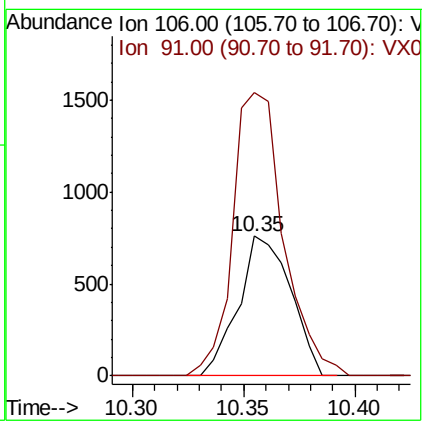


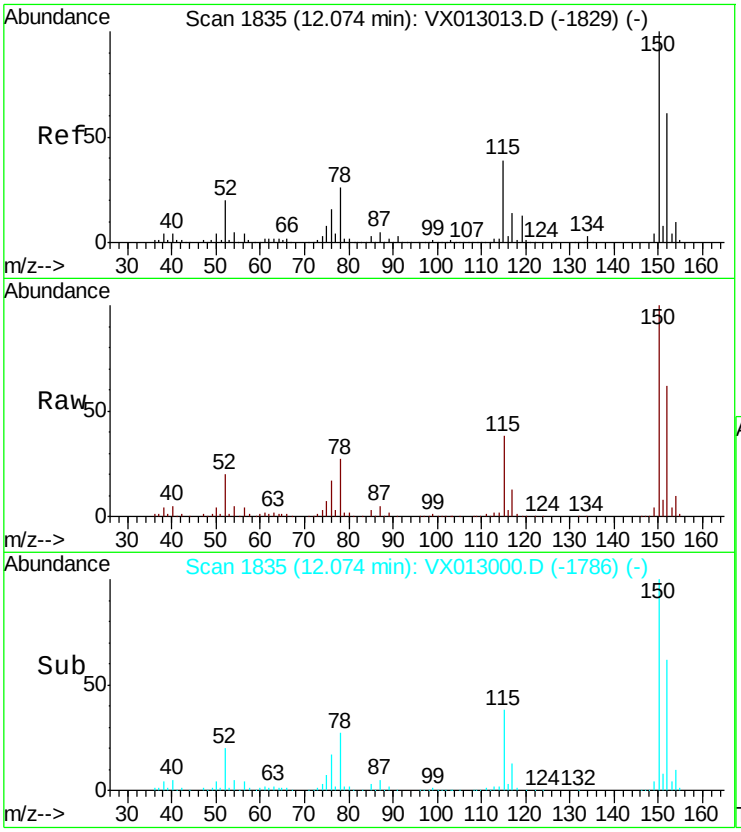


#68
m/p-Xylenes
Concen: 0.388 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion:106 Resp: 1241

Ion	Ratio	Lower	Upper
106	100		
91	198.0	165.3	247.9

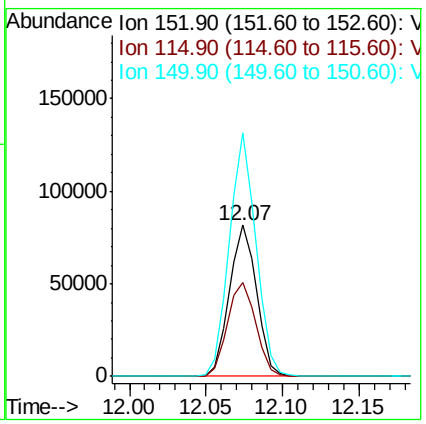




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion:152 Resp: 100374

Ion	Ratio	Lower	Upper
152	100		
115	64.6	44.5	133.5
150	157.9	0.0	353.4



Instrument :
MSVOA_X
ClientSampleId :
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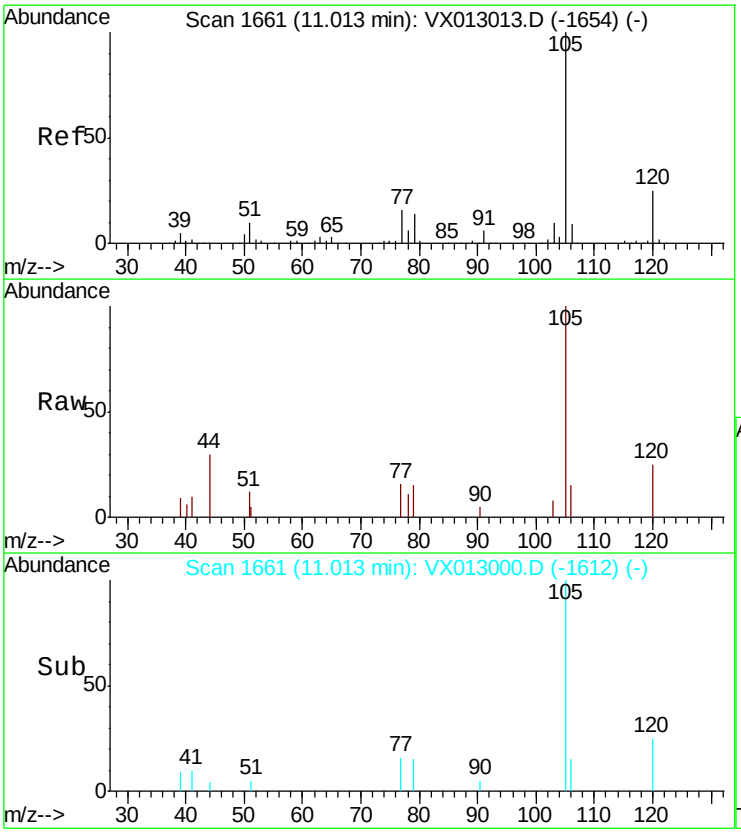
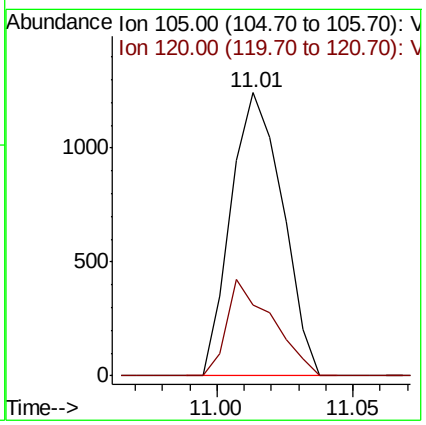
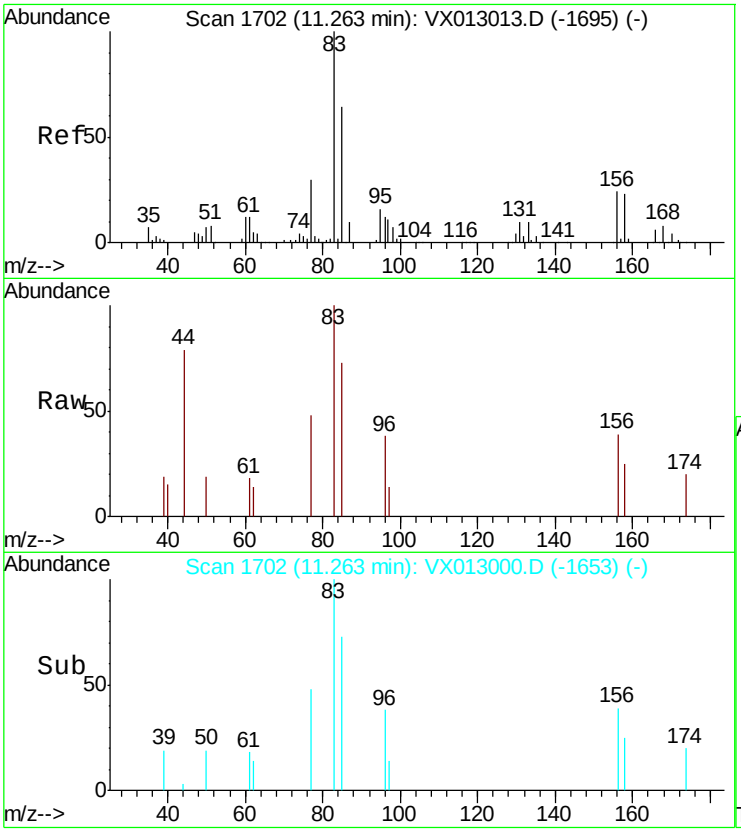


#73
Isopropylbenzene
Concen: 0.221 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion:105 Resp: 1632

Ion	Ratio	Lower	Upper
105	100		
120	30.1	13.0	39.0





#75
1,1,2,2-Tetrachloroethane
Concen: 0.225 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 83 Resp: 553

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	60.2	32.1	96.5

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

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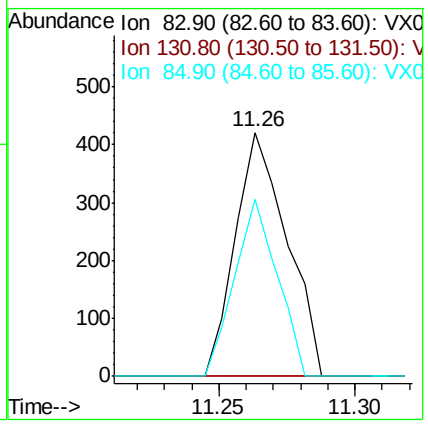
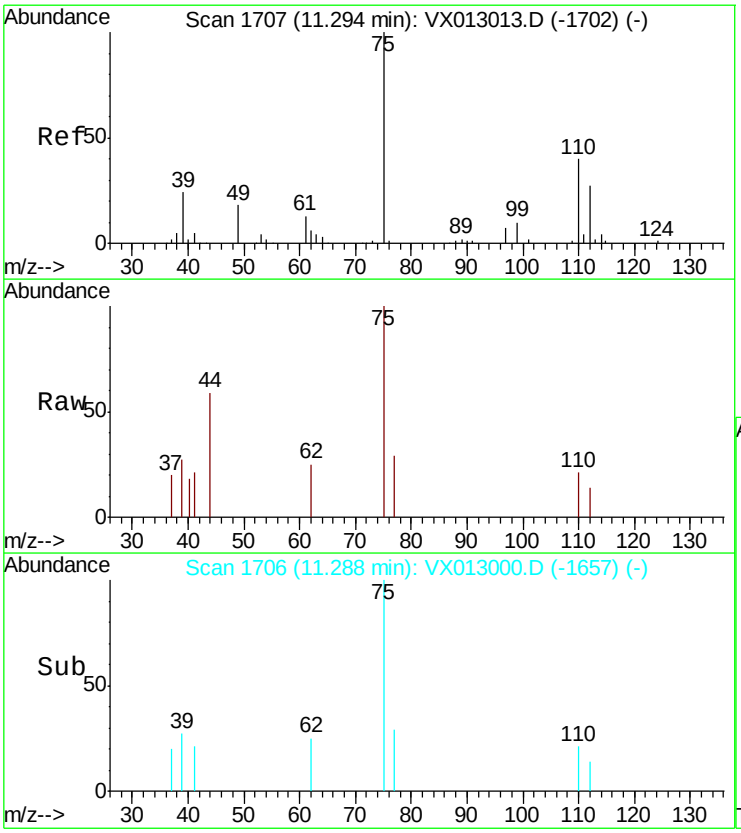
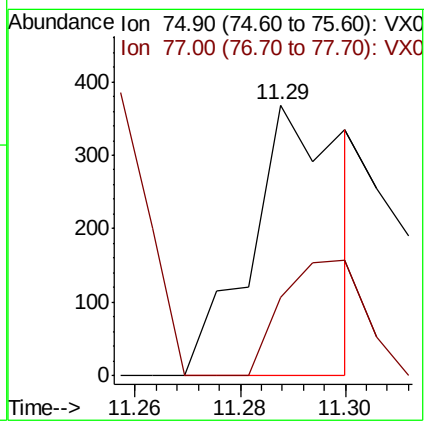


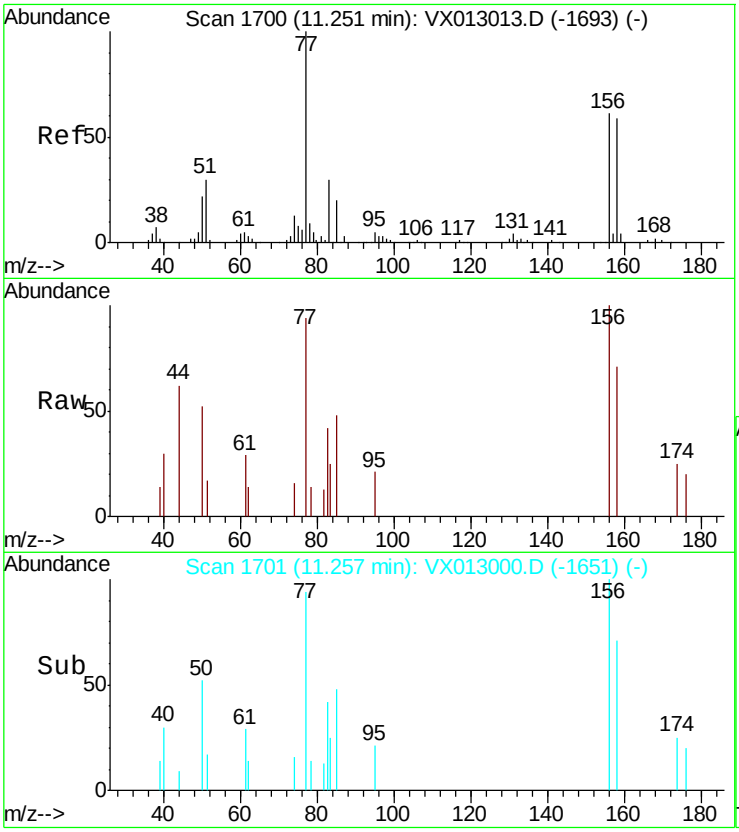


#76
1,2,3-Trichloropropane
Concen: 0.202 ug/l m
RT: 11.29 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion: 75 Resp: 449

Ion	Ratio	Lower	Upper
75	100		
77	160.1	22.9	68.8#

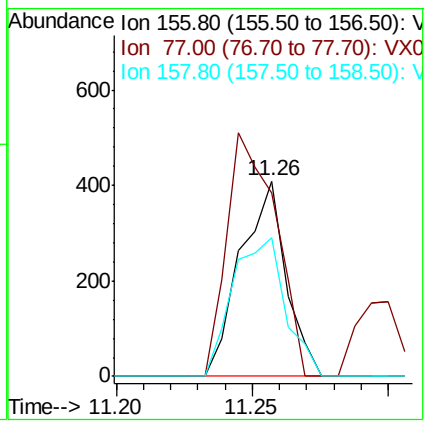




#77
Bromobenzene
Concen: 0.271 ug/l
RT: 11.26 min Scan# 1701
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion:156 Resp: 472

Ion	Ratio	Lower	Upper
156	100		
77	134.5	83.7	251.0
158	82.6	48.6	145.9



Instrument :
MSVOA_X
ClientSampleId :
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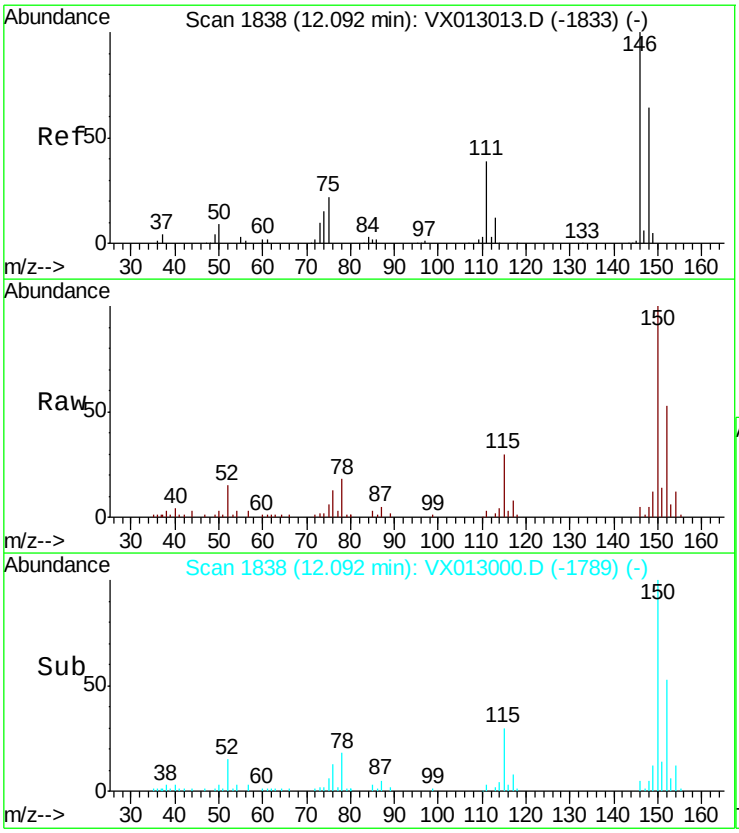
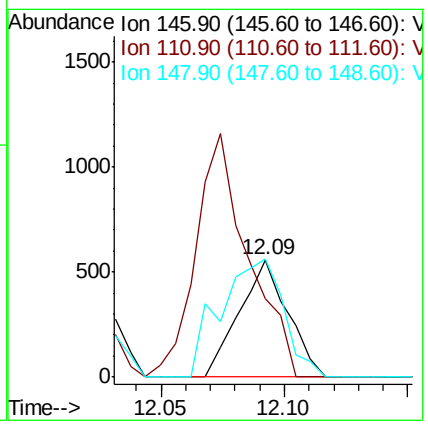
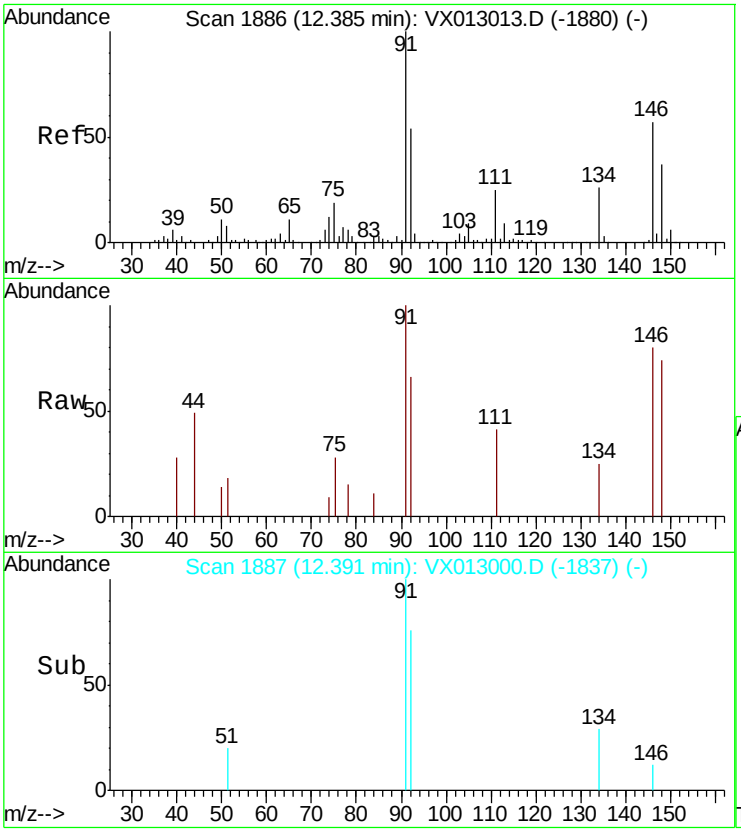


#88
1,4-Dichlorobenzene
Concen: 0.234 ug/l m
RT: 12.09 min Scan# 1838
Delta R.T. -0.00 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion:146 Resp: 764

Ion	Ratio	Lower	Upper
146	100		
111	36.9	21.4	64.3
148	67.4	32.1	96.5

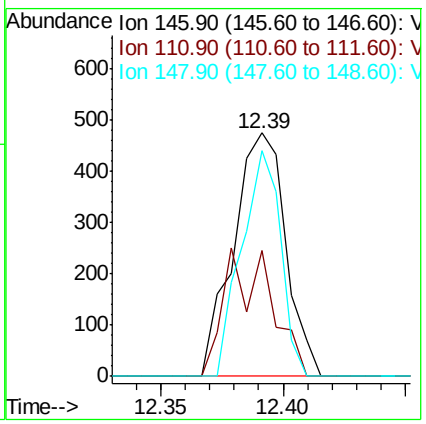




#91
1,2-Dichlorobenzene
Concen: 0.222 ug/l
RT: 12.39 min Scan# 1887
Delta R.T. 0.01 min
Lab File: VX013000.D
Acq: 10 Oct 2019 16:53

Tgt Ion:146 Resp: 704

Ion	Ratio	Lower	Upper
146	100		
111	46.4	22.7	68.0
148	69.7	31.6	94.7



Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/14/2019 2:47:41 PM