Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091719\

Quantitation Report (Not Reviewed)

Data File : VX012442.D
Acq On : 17 Sep 2019 19:29
Operator : JC/SP
Sample : K4858-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW202D-20190909

Quant Time: Sep 18 03:25:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	134709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	214853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	177287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	67778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	92747	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.08%			
35) Dibromofluoromethane	5.49	113	66051	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.58%			
50) Toluene-d8	8.71	98	247081	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.66%			
62) 4-Bromofluorobenzene	11.14	95	87146	43.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	533	0.980	ug/l	88
3) Chloromethane	1.32	50	820	1.107	ug/l #	46
5) Bromomethane	1.61	94	250	0.795	ug/l #	4
6) Chloroethane	1.74	64	142	0.227	ug/l #	50
7) Trichlorofluoromethane	1.92	101	5571	3.797	ug/l	95
10) Methyl Iodide	2.51	142	380	4.822	ug/l #	77
11) Tert butyl alcohol	3.01	59	928	Below Cal	#	85
12) 1,1-Dichloroethene	2.36	96	2368	2.796	ug/l	82
13) Acrolein	2.28	56	243	Below Cal	#	44
15) Acrylonitrile	3.13	53	200	0.239	ug/l #	46
16) Acetone	2.43	43	1425	Below Cal		96
17) Carbon Disulfide	2.56	76	271	2.025	ug/l #	75
19) Methyl tert-butyl Ether	3.19	73	1795	0.389	ug/l	100
20) Methylene Chloride	2.85	84	804	0.688	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	631	0.717	ug/l #	54
22) Diisopropyl ether	3.84	45	2666	0.577	ug/l #	73
24) 1,1-Dichloroethane	3.69	63	15519	7.026	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	19965	15.196	ug/l	88
29) Tetrahydrofuran	5.11	42	218	0.295	ug/l #	44
30) Chloroform	5.21	83	2430	0.958	ug/l	98
31) Cyclohexane	5.65	56	3485	2.614	ug/l #	7
32) 1,1,1-Trichloroethane	5.49	97	2291	1.081	ug/l #	44
36) 1,1-Dichloropropene	5.65	75	11809	9.044	ug/l #	53
38) Carbon Tetrachloride	5.65	117	14551	8.960	ug/l #	16
42) 1,2-Dichloroethane	6.18	62	4129	2.144	ug/l	82
44) Trichloroethene	7.20	130	114528	104.853	ug/l	93
49) 1,4-Dioxane	7.75	88	157	3.804	ug/l #	31
60) Dibromochloromethane	9.33	129	27391	19.508	ug/l #	11
64) Tetrachloroethene	9.33	164	28062	34.542	ug/l	94
76) 1,2,3-Trichloropropane	11.14	75	44709	28.716	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	44709	77.052	ug/l #	8

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

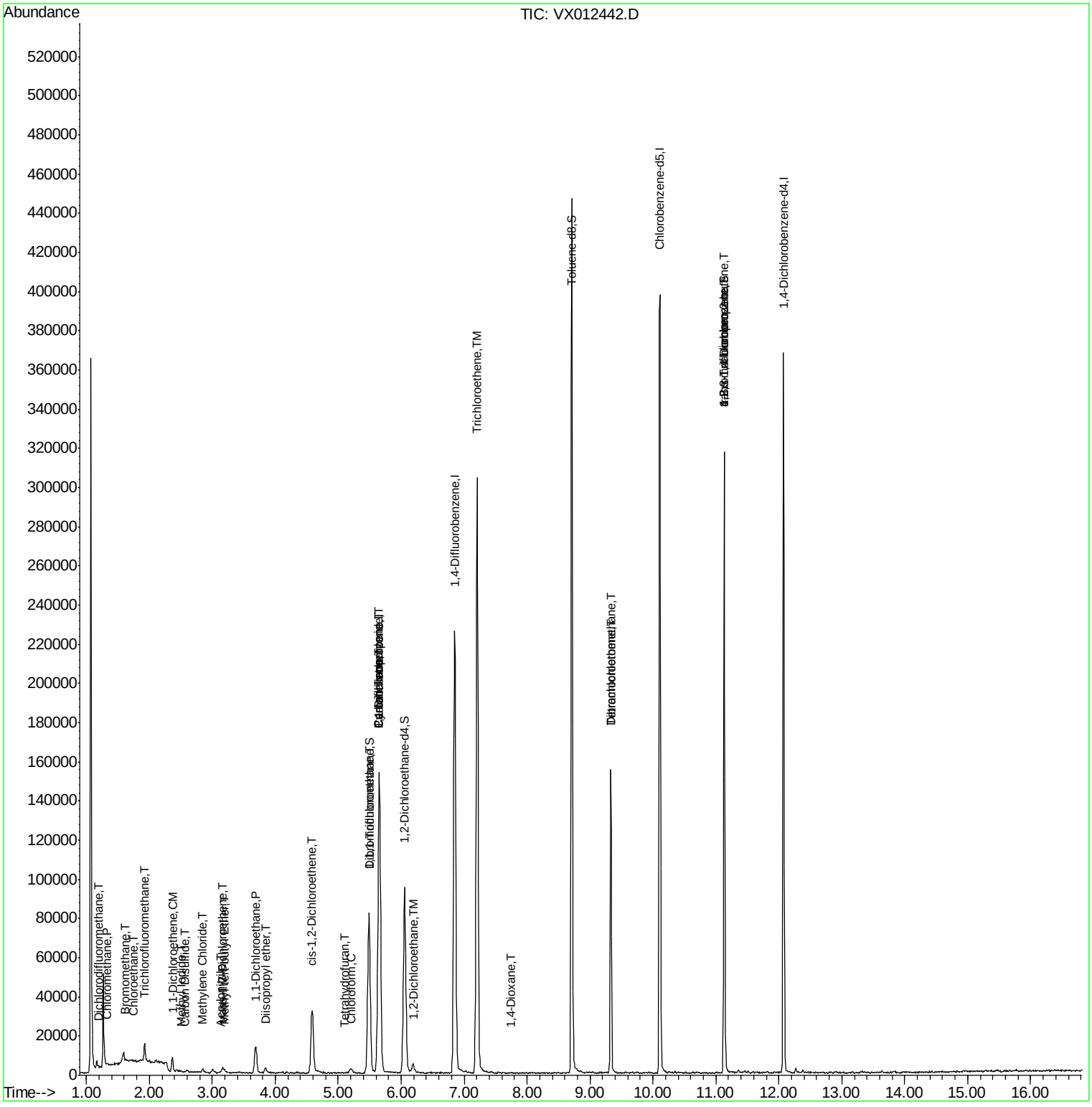
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091719\

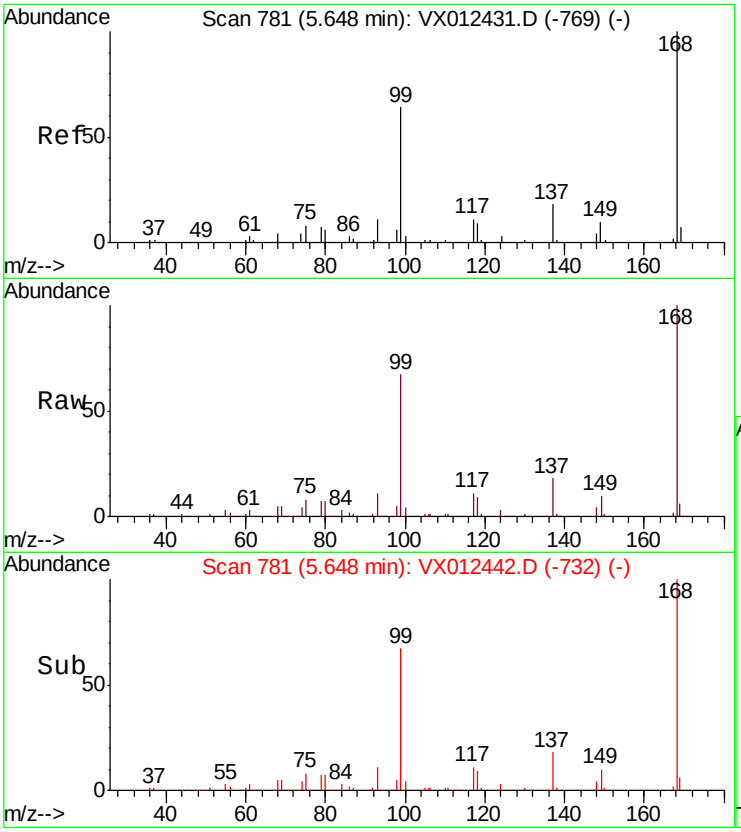
Quantitation Report (Not Reviewed)

Data File : VX012442.D
Acq On : 17 Sep 2019 19:29
Operator : JC/SP
Sample : K4858-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Quant Time: Sep 18 03:25:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration



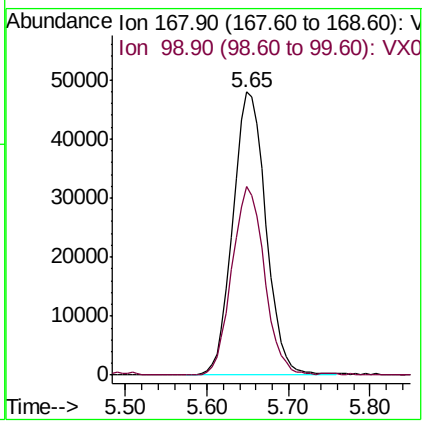


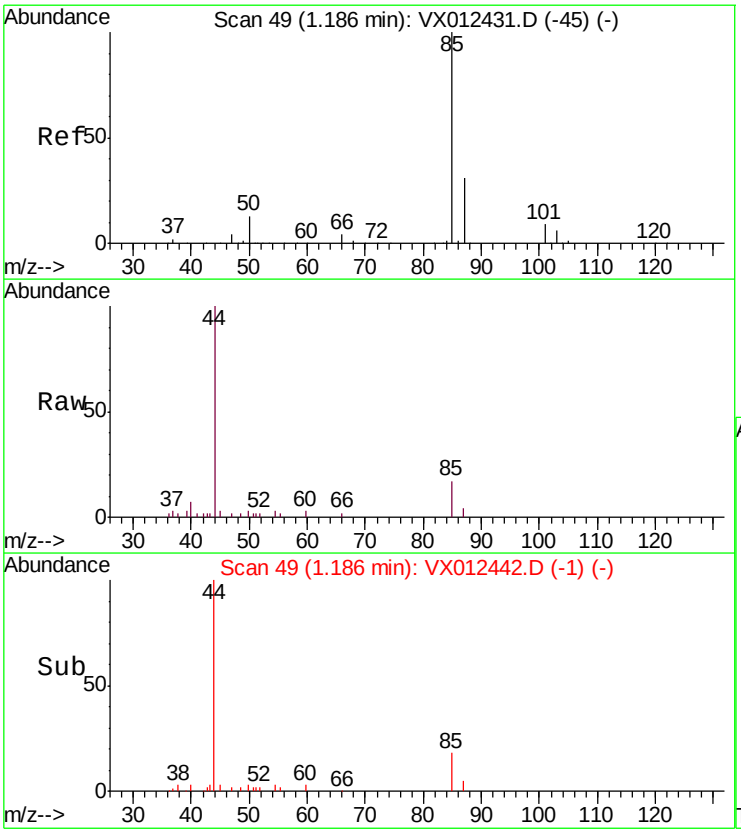
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion:168 Resp: 134709

Ion	Ratio	Lower	Upper
168	100		
99	66.8	51.4	77.2

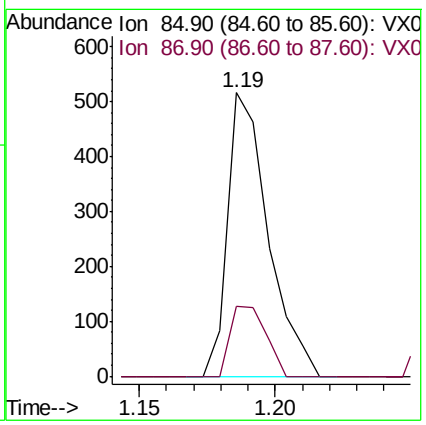


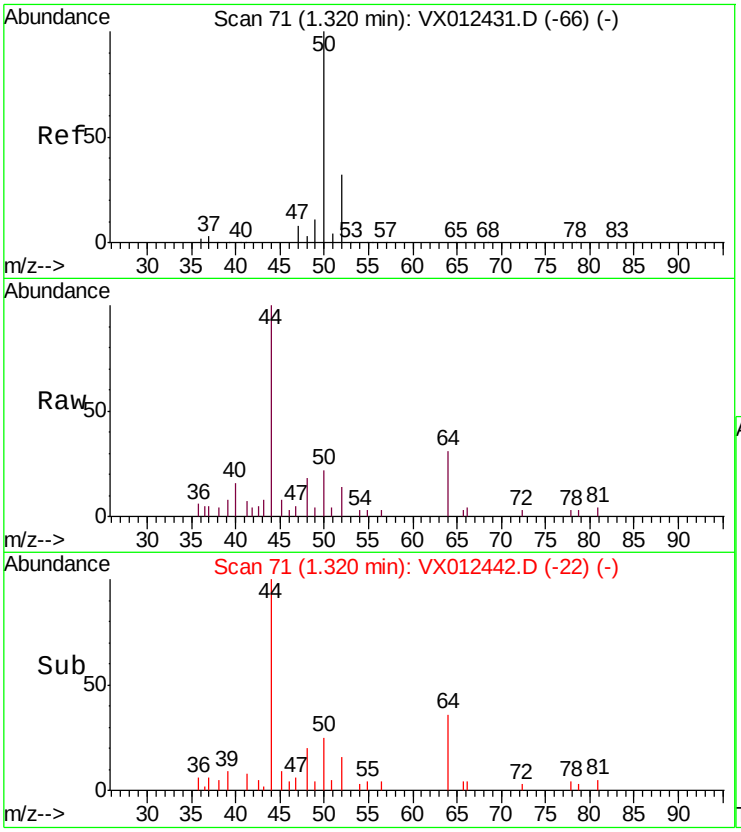


#2
Dichlorodifluoromethane
Concen: 0.980 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion: 85 Resp: 533

Ion	Ratio	Lower	Upper
85	100		
87	24.8	15.6	46.8



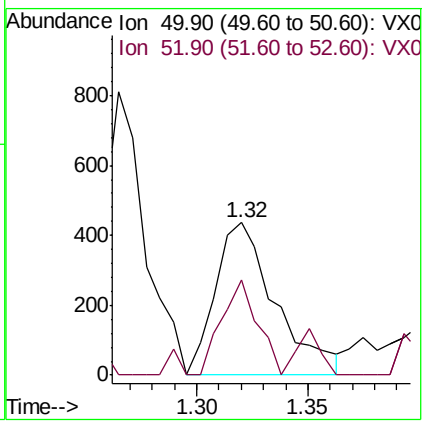


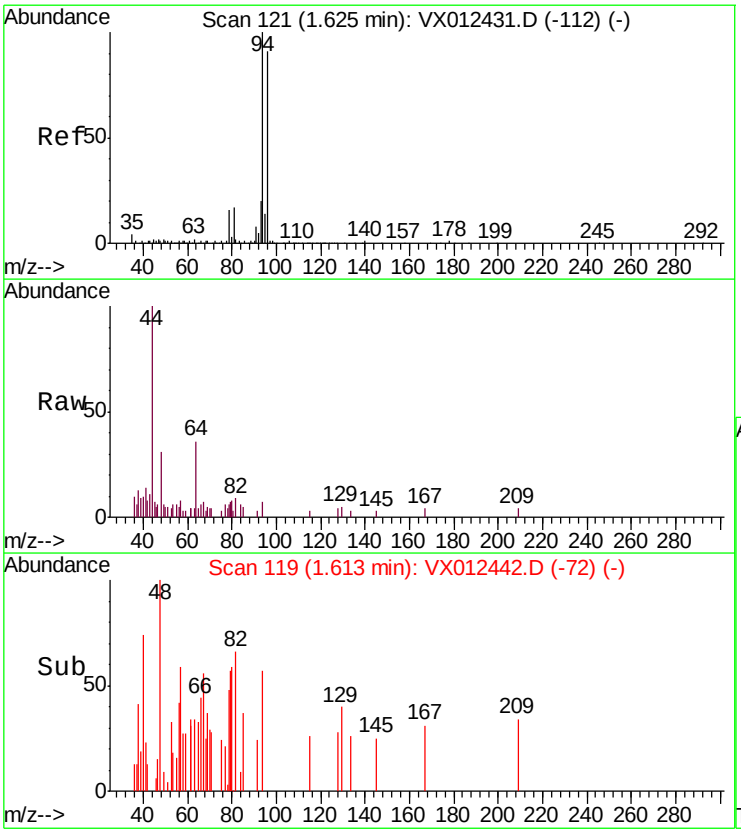
#3
Chloromethane
Concen: 1.107 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion: 50 Resp: 820

Ion	Ratio	Lower	Upper
50	100		
52	62.5	25.7	38.5#

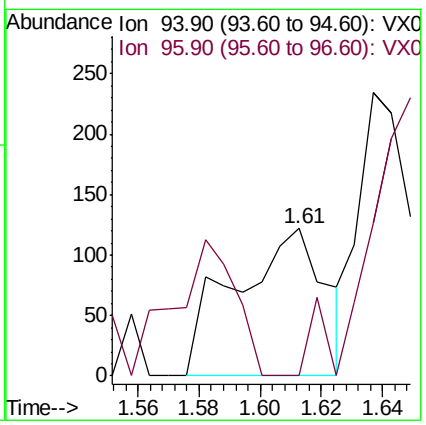


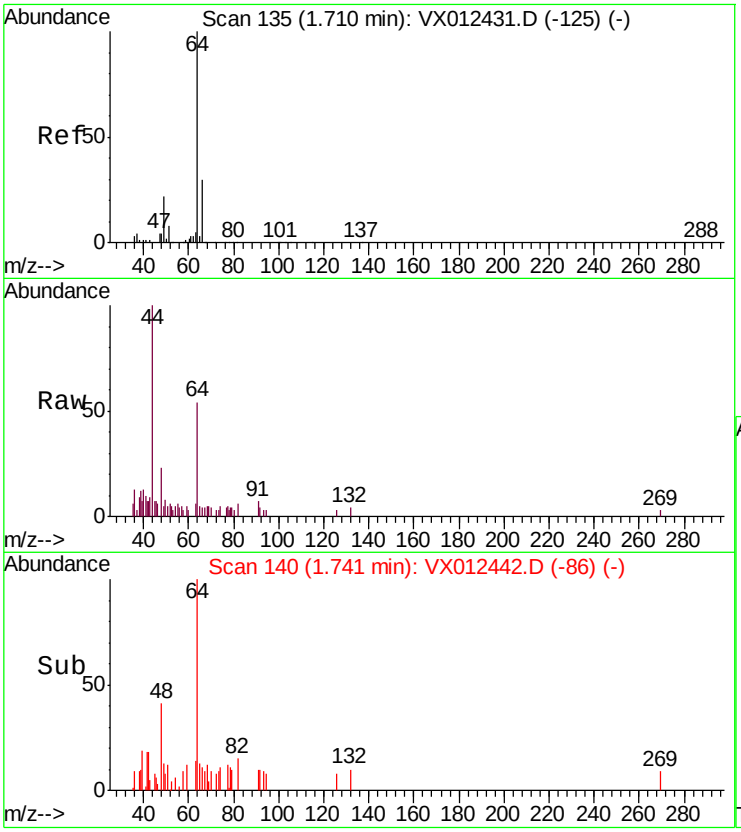


#5
Bromomethane
Concen: 0.795 ug/l
RT: 1.61 min Scan# 119
Delta R.T. -0.01 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion: 94 Resp: 250

Ion	Ratio	Lower	Upper
94	100		
96	0.0	72.8	109.2#



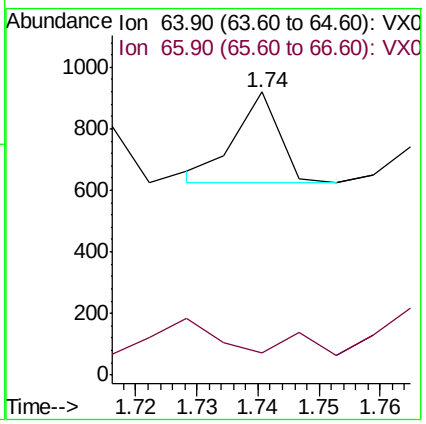


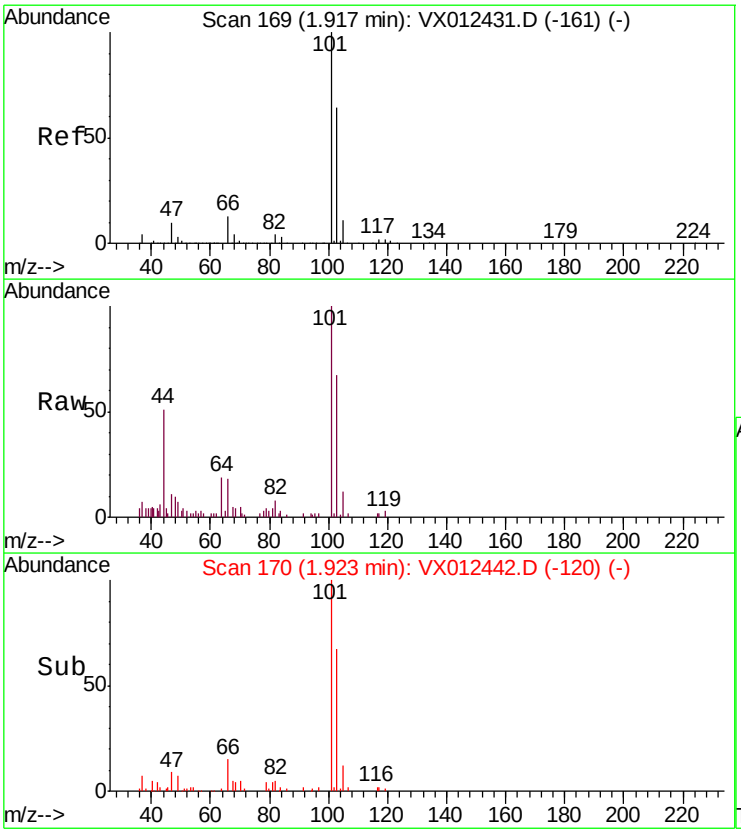
#6
Chloroethane
Concen: 0.227 ug/l
RT: 1.74 min Scan# 140
Delta R.T. 0.03 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion: 64 Resp: 142

Ion	Ratio	Lower	Upper
64	100		
66	3.1	24.0	36.0#

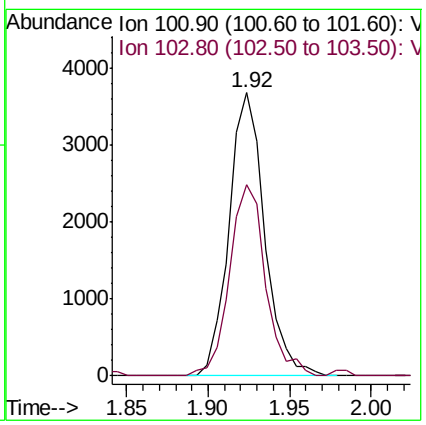


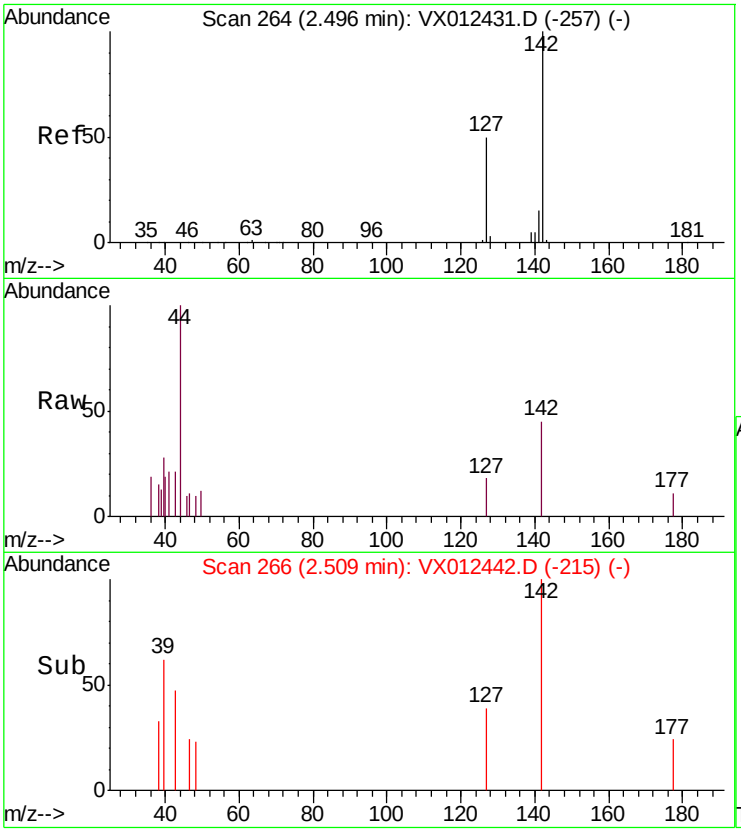


#7
Trichlorofluoromethane
Concen: 3.797 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion:101 Resp: 5571

Ion	Ratio	Lower	Upper
101	100		
103	67.4	51.0	76.4



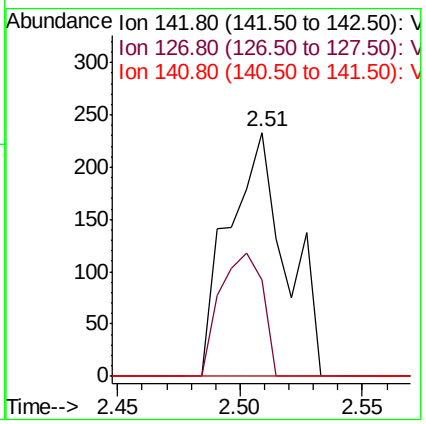


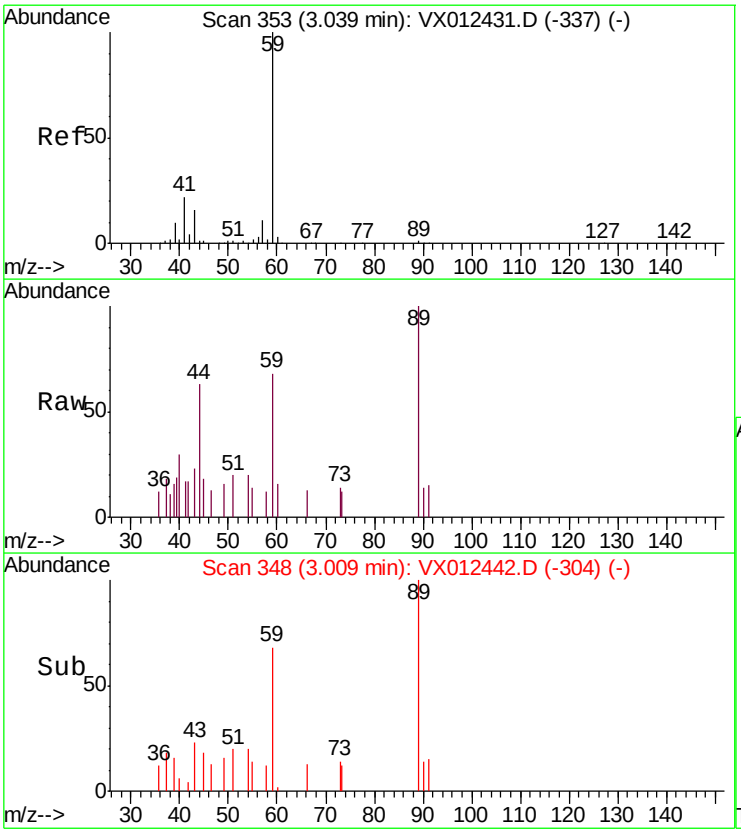
#10
Methyl Iodide
Concen: 4.822 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion:142 Resp: 380

Ion	Ratio	Lower	Upper
142	100		
127	37.6	40.8	61.2#
141	0.0	12.1	18.1#

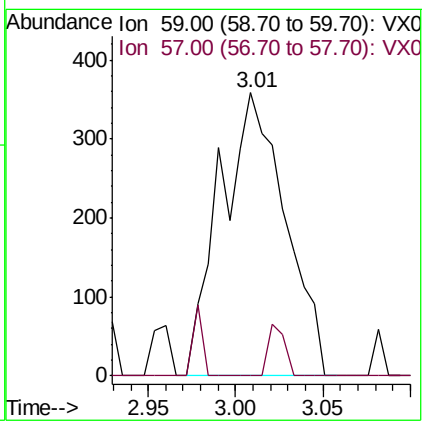


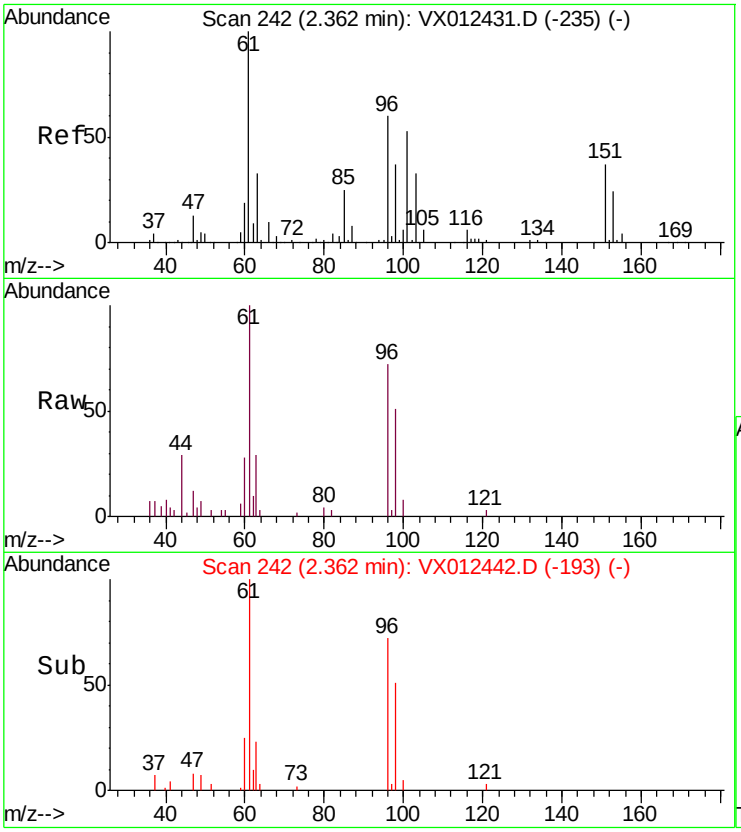


#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion: 59 Resp: 928

Ion	Ratio	Lower	Upper
59	100		
57	4.6	8.3	12.5#



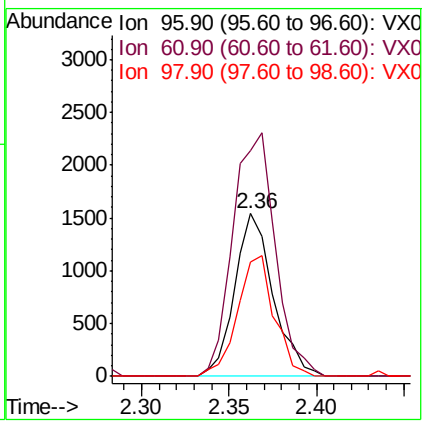


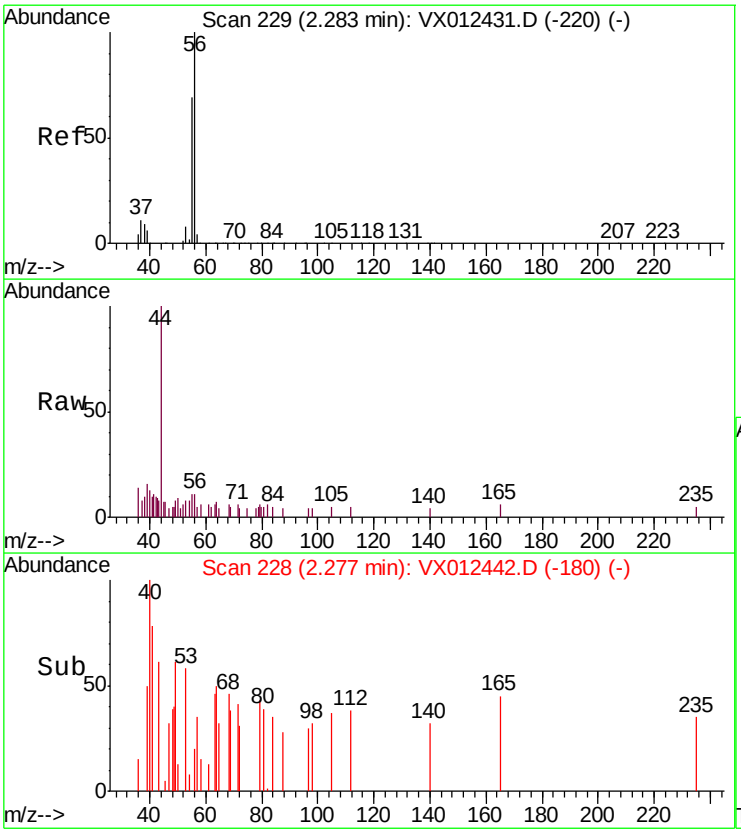
#12
1,1-Dichloroethene
Concen: 2.796 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion: 96 Resp: 2368

Ion	Ratio	Lower	Upper
96	100		
61	139.1	133.8	200.6
98	70.5	49.9	74.9

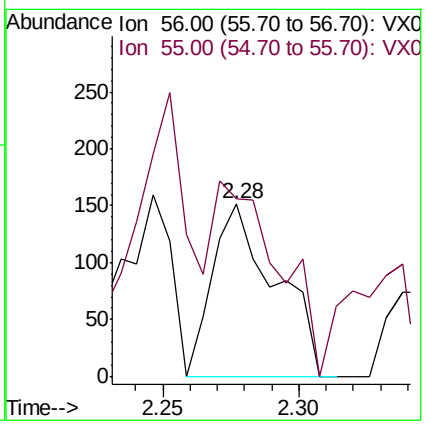


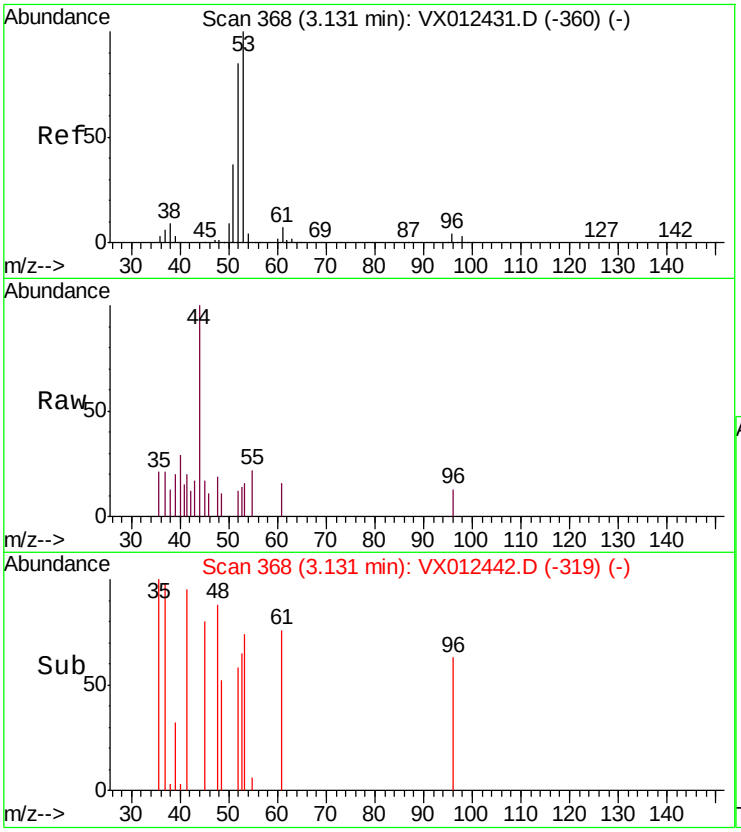


#13
Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion: 56 Resp: 243

Ion	Ratio	Lower	Upper
56	100		
55	115.6	55.8	83.8#



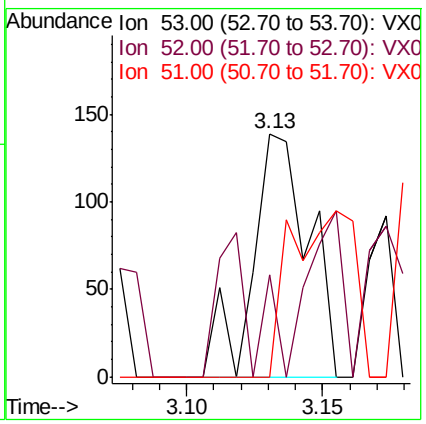


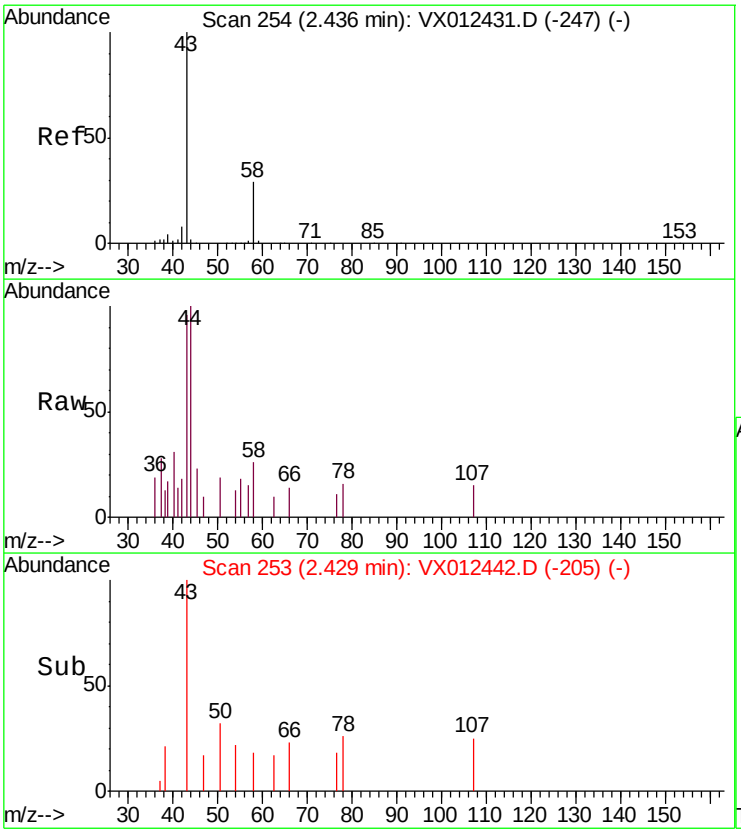
#15
Acrylonitrile
Concen: 0.239 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion: 53 Resp: 200

Ion	Ratio	Lower	Upper
53	100		
52	38.0	67.0	100.4#
51	0.0	29.6	44.4#

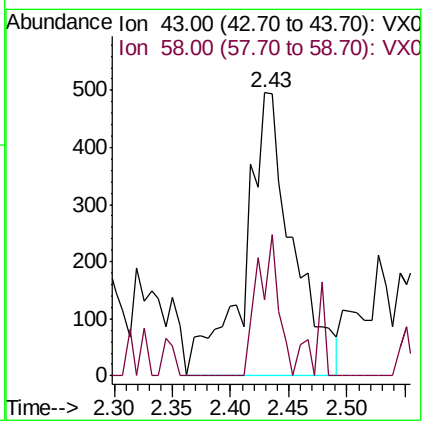


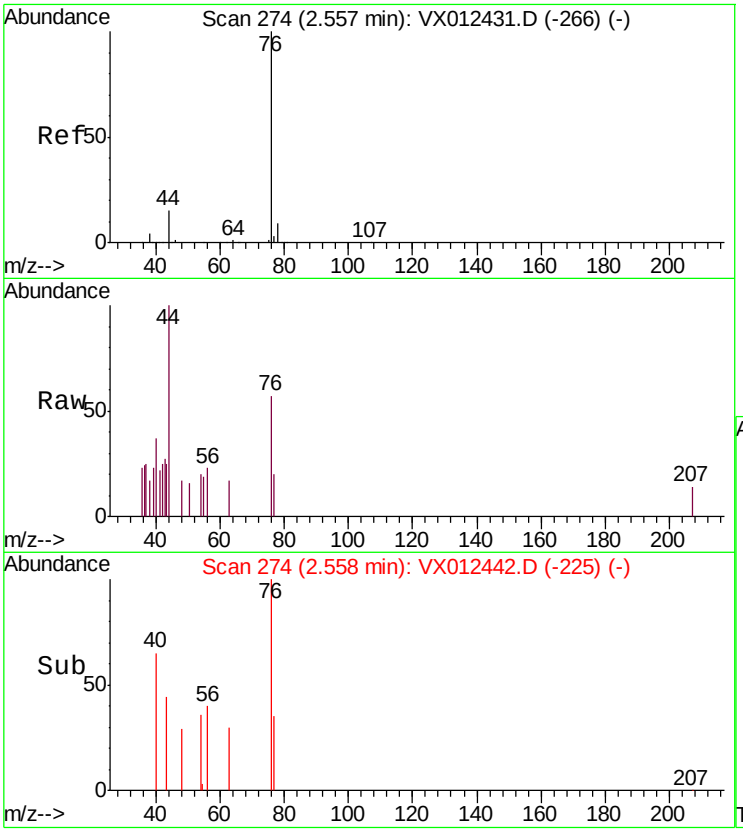


#16
Acetone
Concen: Below Cal
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion: 43 Resp: 1425

Ion	Ratio	Lower	Upper
43	100		
58	27.0	23.3	34.9



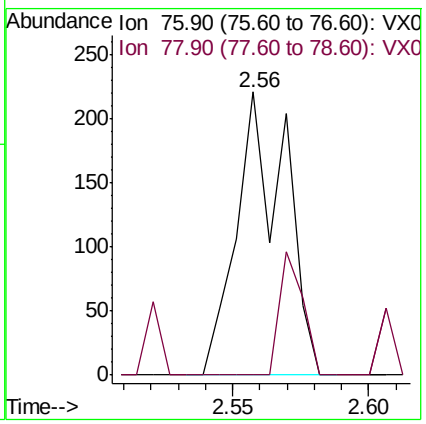


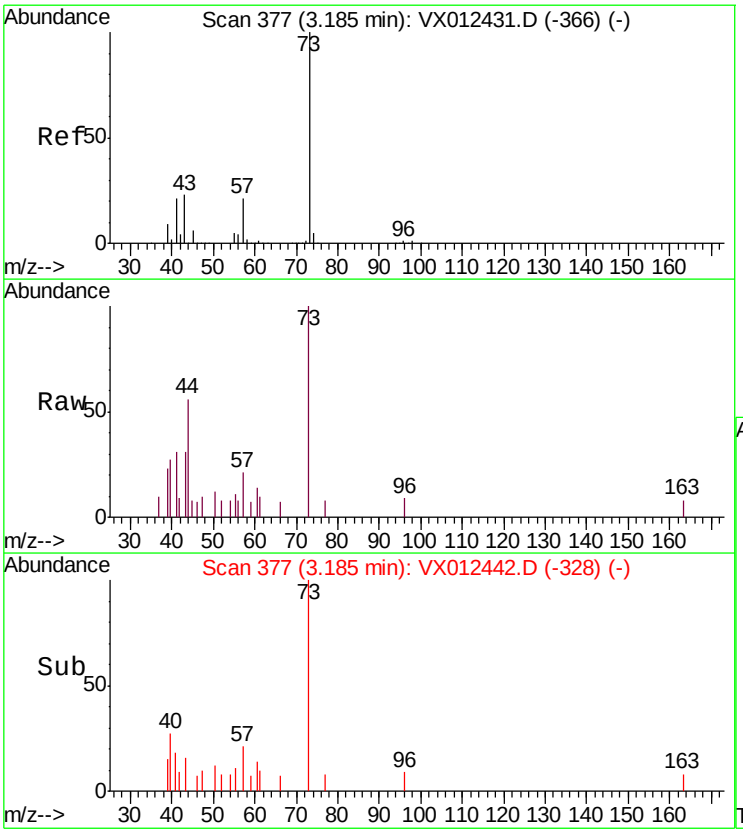
#17
Carbon Disulfide
Concen: 2.025 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion: 76 Resp: 271

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

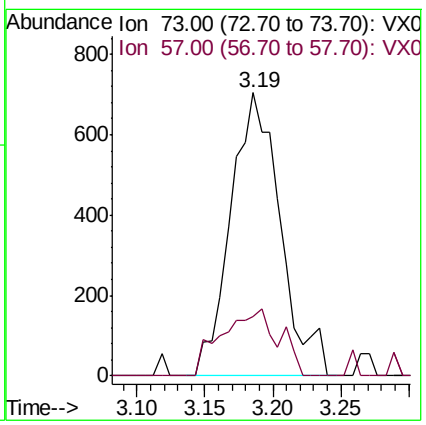


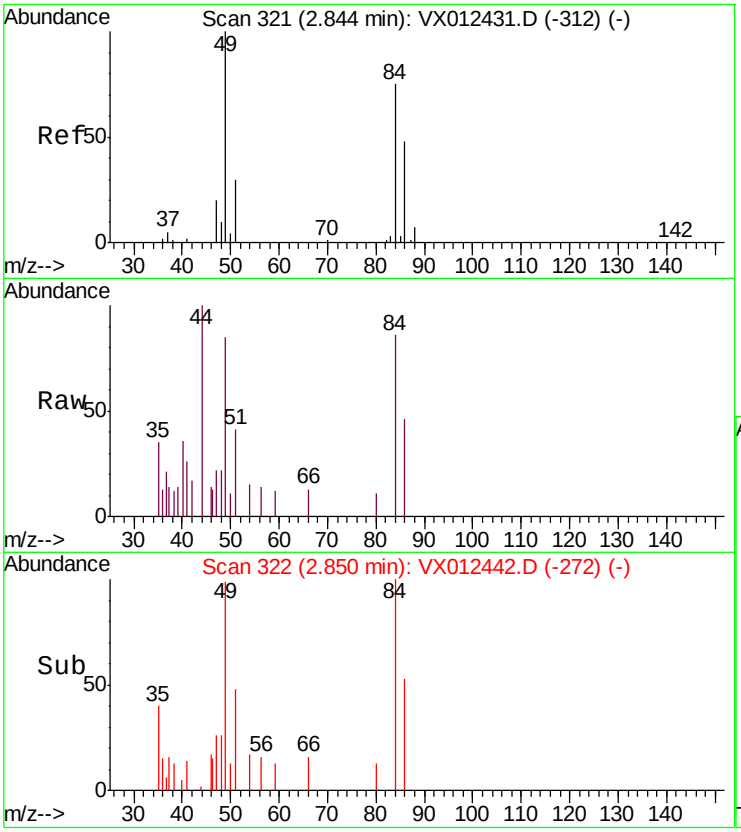


#19
Methyl tert-butyl Ether
Concen: 0.389 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion: 73 Resp: 1795

Ion	Ratio	Lower	Upper
73	100		
57	21.0	16.8	25.2



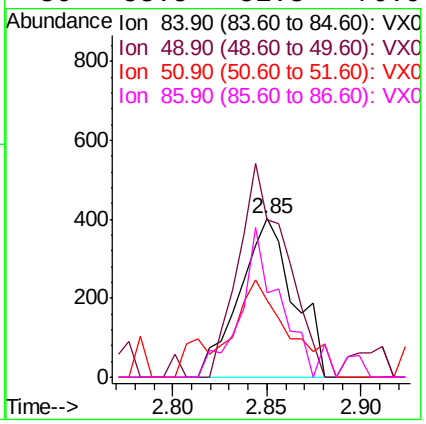


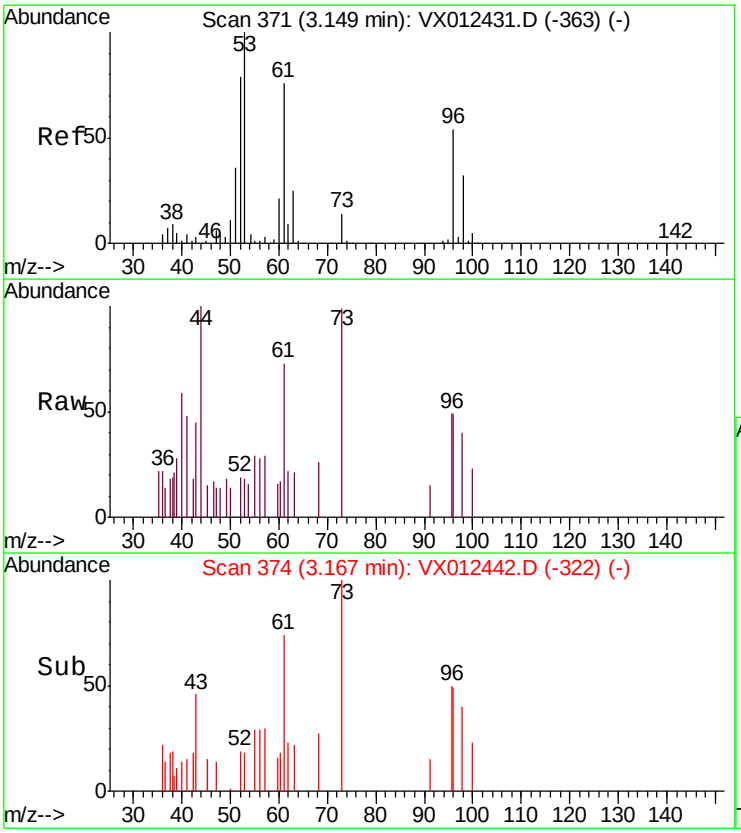
#20
Methylene Chloride
Concen: 0.688 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion: 84 Resp: 804

Ion	Ratio	Lower	Upper
84	100		
49	99.0	106.8	160.2#
51	48.3	32.3	48.5
86	53.5	51.3	76.9

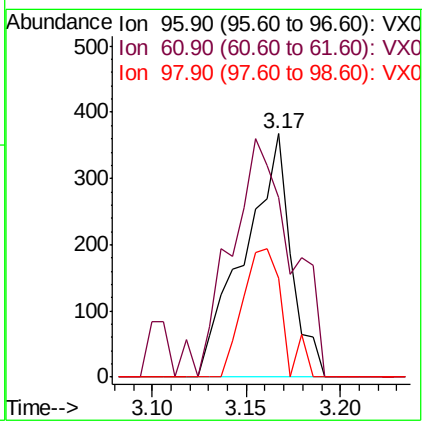


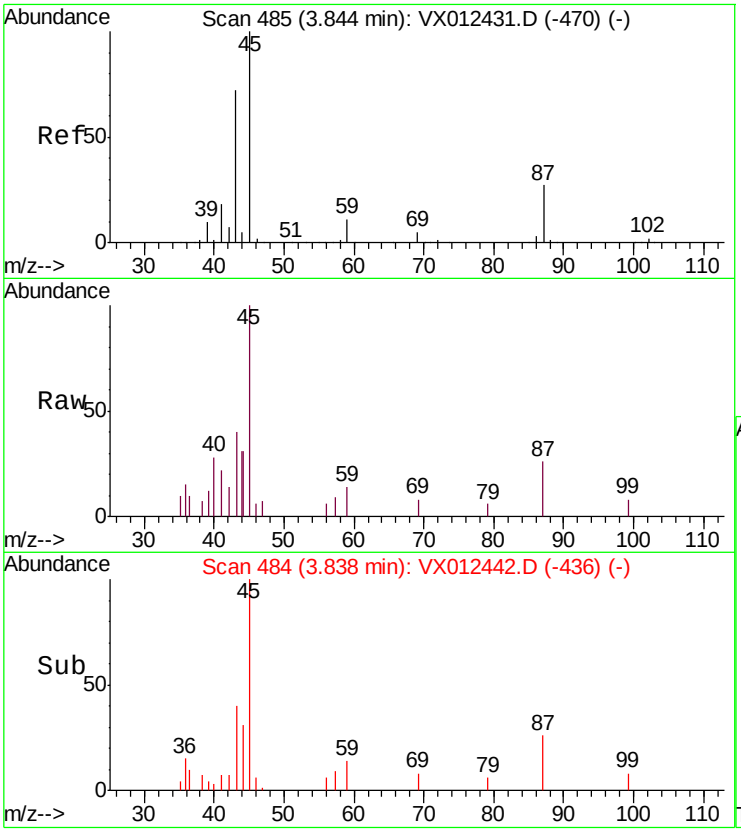


#21
trans-1,2-Dichloroethene
Concen: 0.717 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.02 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion: 96 Resp: 631

Ion	Ratio	Lower	Upper
96	100		
61	73.9	112.0	168.0#
98	40.5	47.8	71.8#



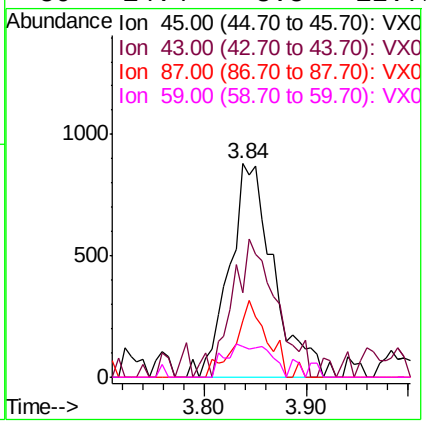


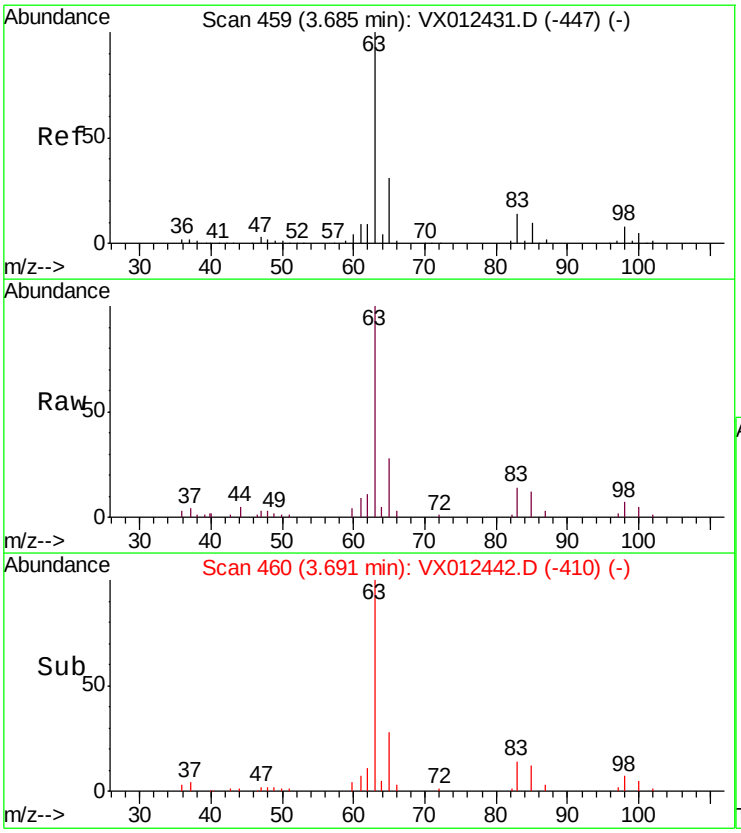
#22
Diisopropyl ether
Concen: 0.577 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument : MSVOA_X
ClientSampleId : MW202D-20190909

Tgt Ion: 45 Resp: 2666

Ion	Ratio	Lower	Upper
45	100		
43	39.8	57.8	86.8#
87	26.3	21.3	31.9
59	14.4	8.5	12.7#

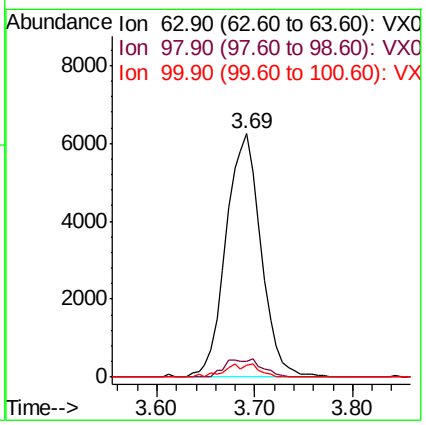


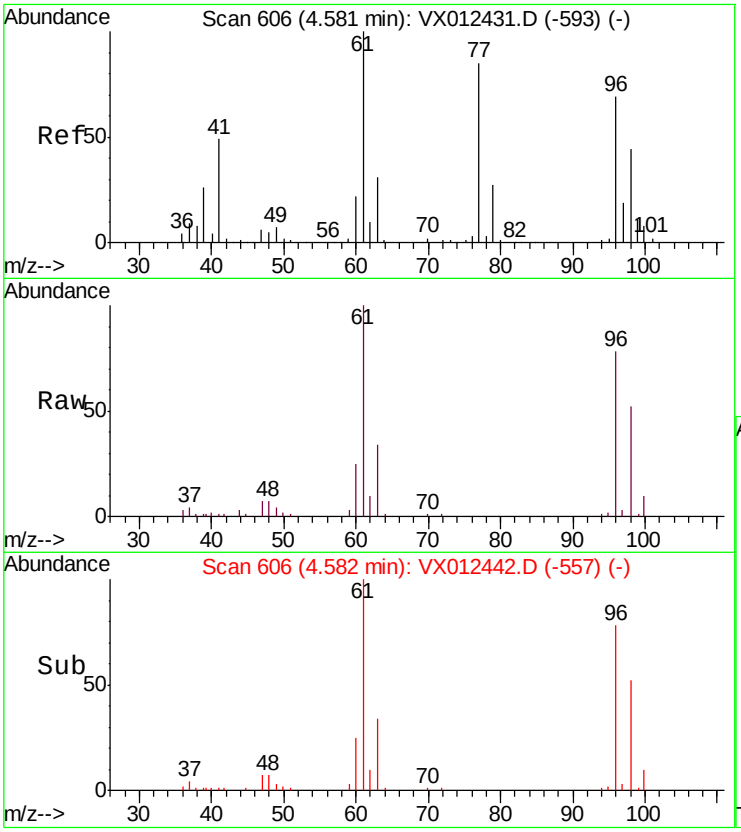


#24
1,1-Dichloroethane
Concen: 7.026 ug/l
RT: 3.69 min Scan# 460
Delta R.T. 0.01 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion: 63 Resp: 15519

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.9	11.7
100	5.0	2.3	6.9



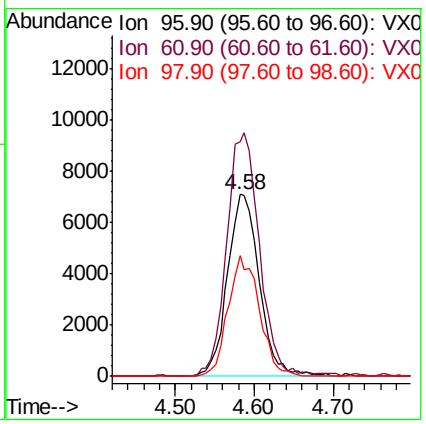


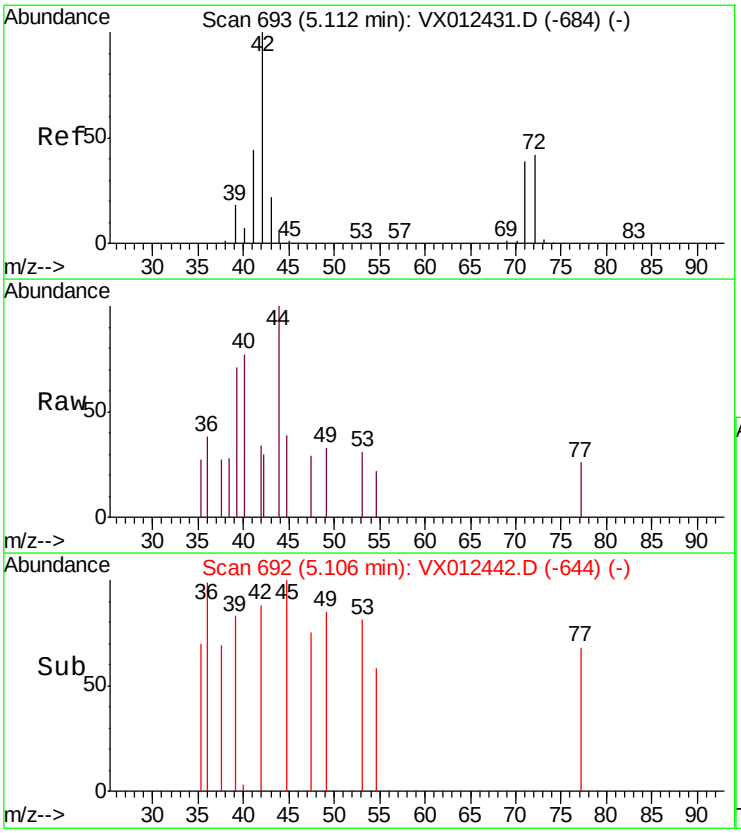
#27
cis-1,2-Dichloroethene
Concen: 15.196 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion: 96 Resp: 19965

Ion	Ratio	Lower	Upper
96	100		
61	137.1	0.0	319.4
98	64.9	0.0	130.6

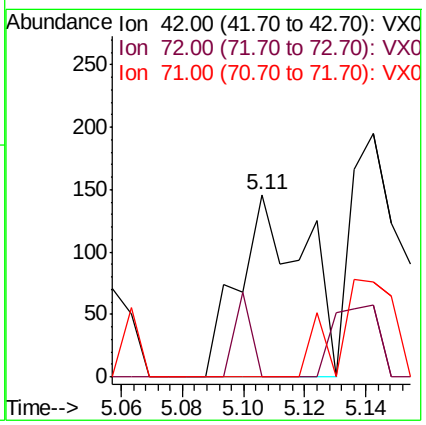


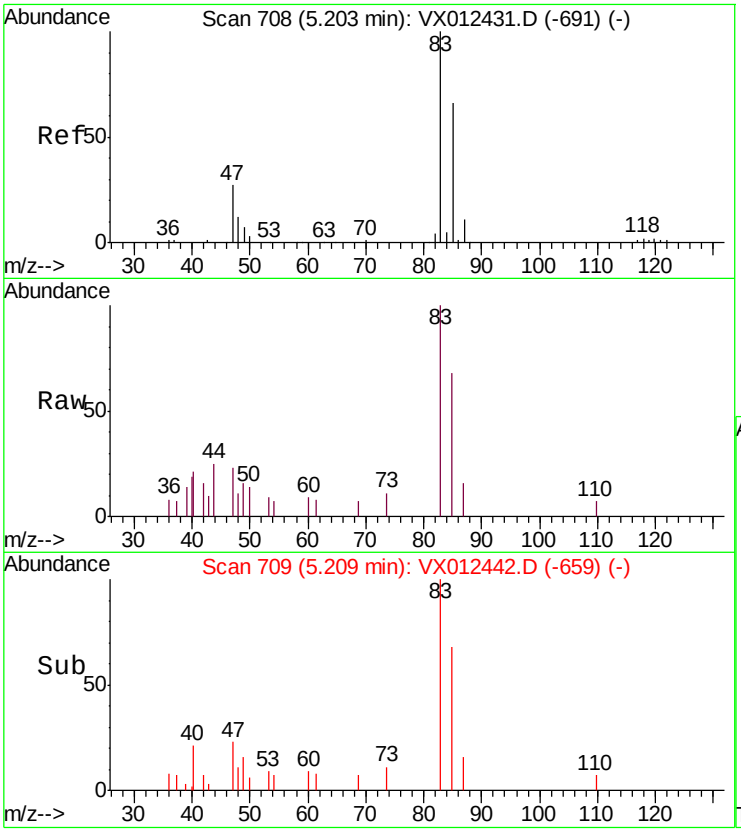


#29
Tetrahydrofuran
Concen: 0.295 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion: 42 Resp: 218

Ion	Ratio	Lower	Upper
42	100		
72	11.5	34.0	51.0#
71	0.0	31.5	47.3#



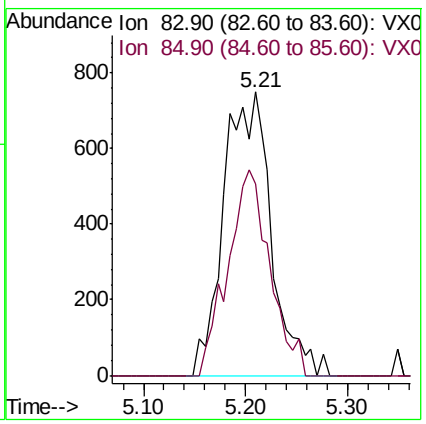


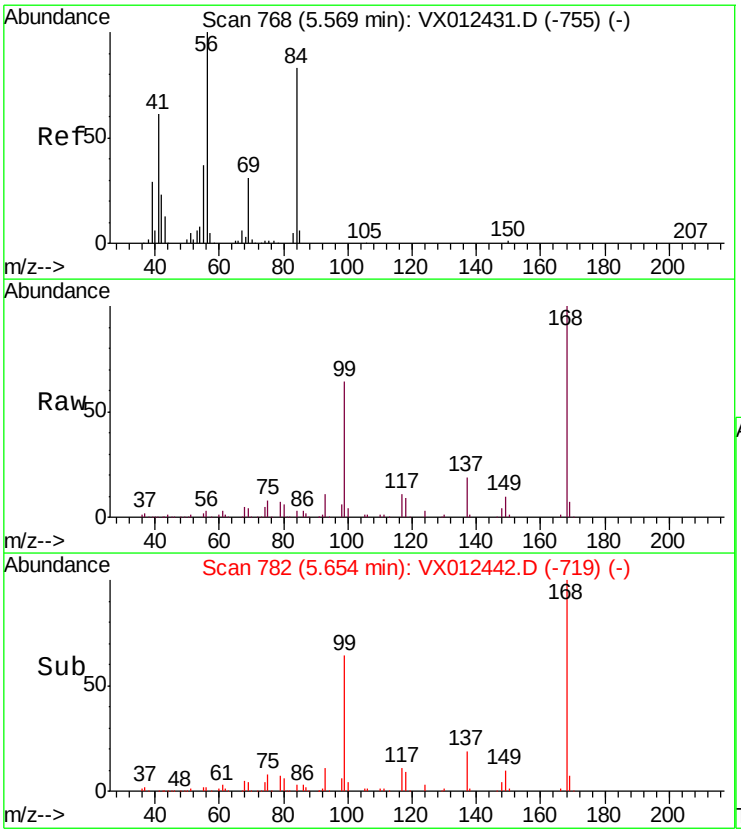
#30
Chloroform
Concen: 0.958 ug/l
RT: 5.21 min Scan# 709
Delta R.T. 0.01 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion: 83 Resp: 2430

Ion	Ratio	Lower	Upper
83	100		
85	67.7	53.0	79.4

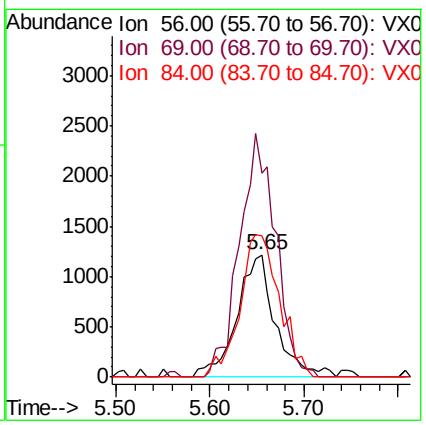


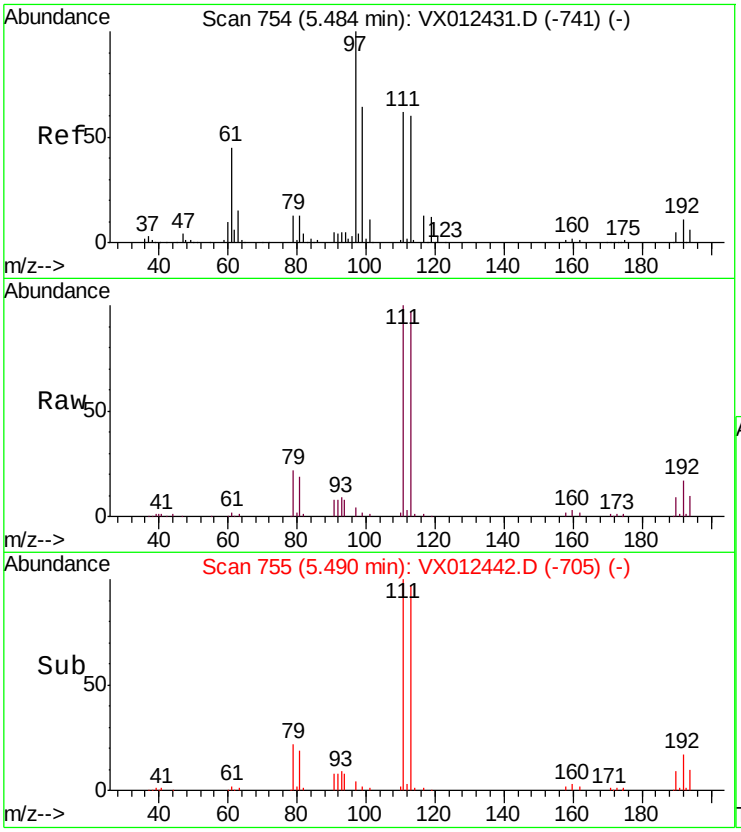


#31
Cyclohexane
Concen: 2.614 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.09 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion: 56 Resp: 3485

Ion	Ratio	Lower	Upper
56	100		
69	166.2	25.0	37.6#
84	115.5	66.4	99.6#



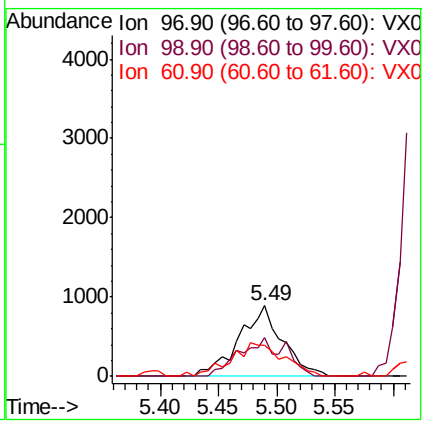


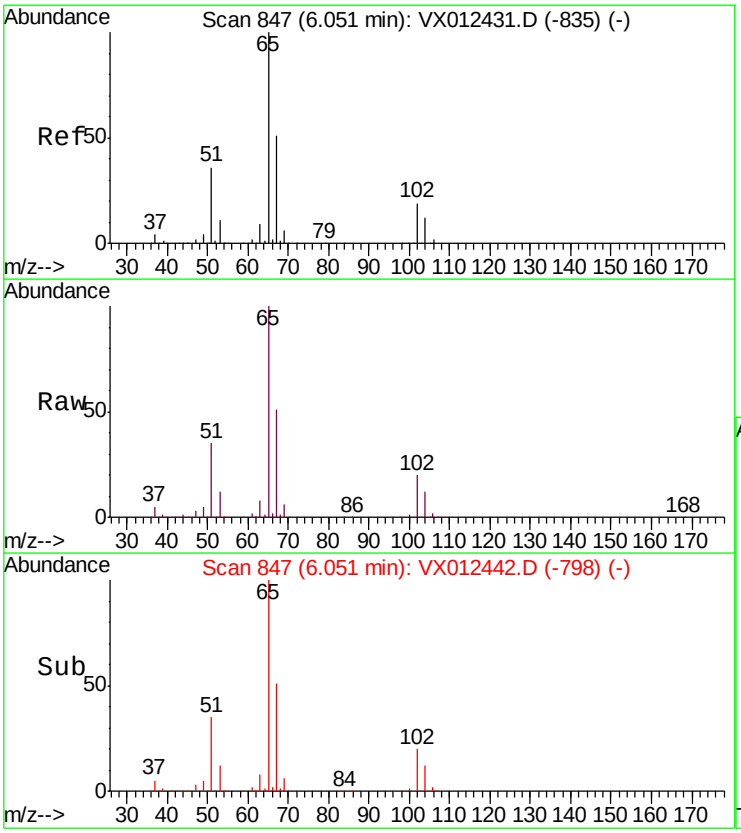
#32
1,1,1-Trichloroethane
Concen: 1.081 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion: 97 Resp: 2291

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.3	76.9#
61	58.1	36.1	54.1#

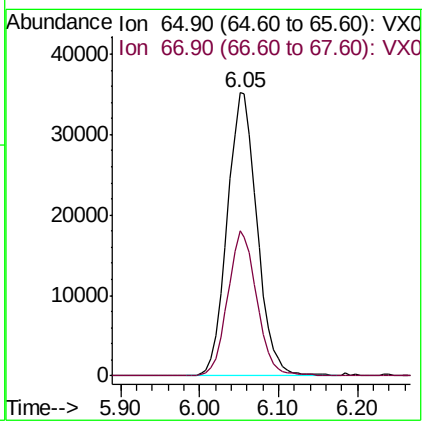


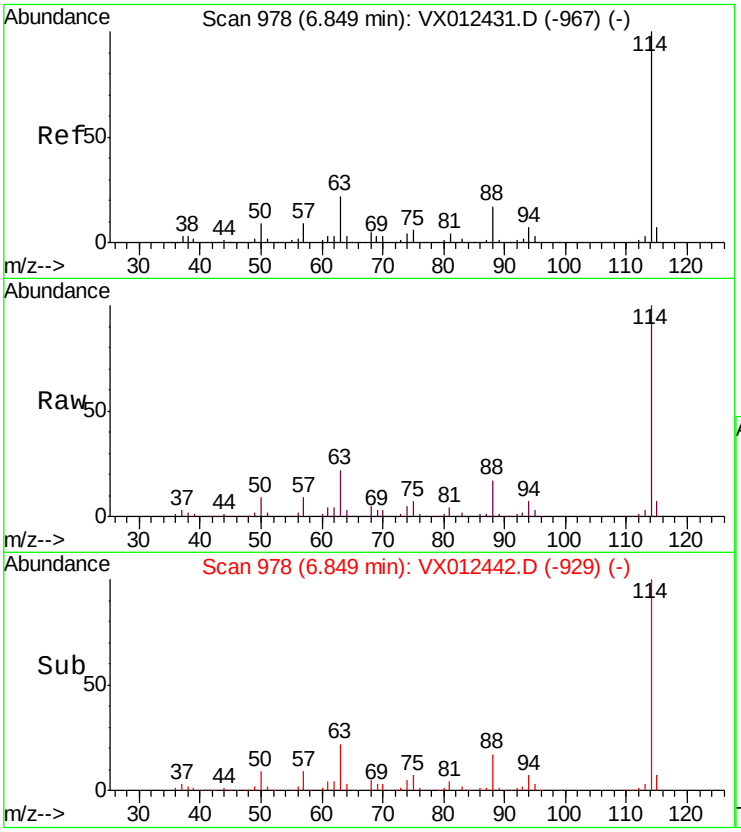


#33
1,2-Dichloroethane-d4
Concen: 48.039 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion: 65 Resp: 92747

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	101.2



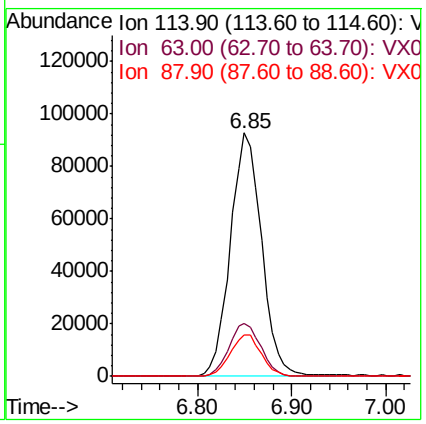


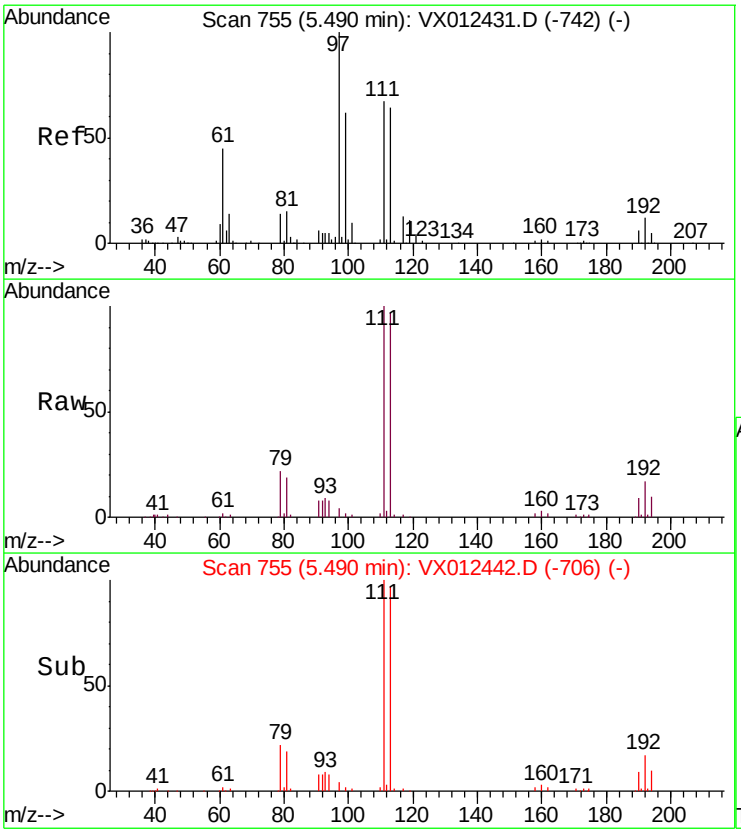
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion:114 Resp: 214853

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.2
88	16.7	0.0	33.2

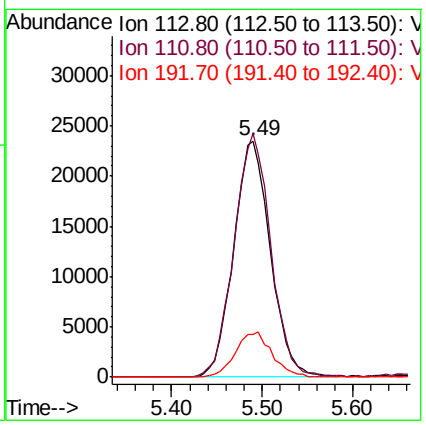


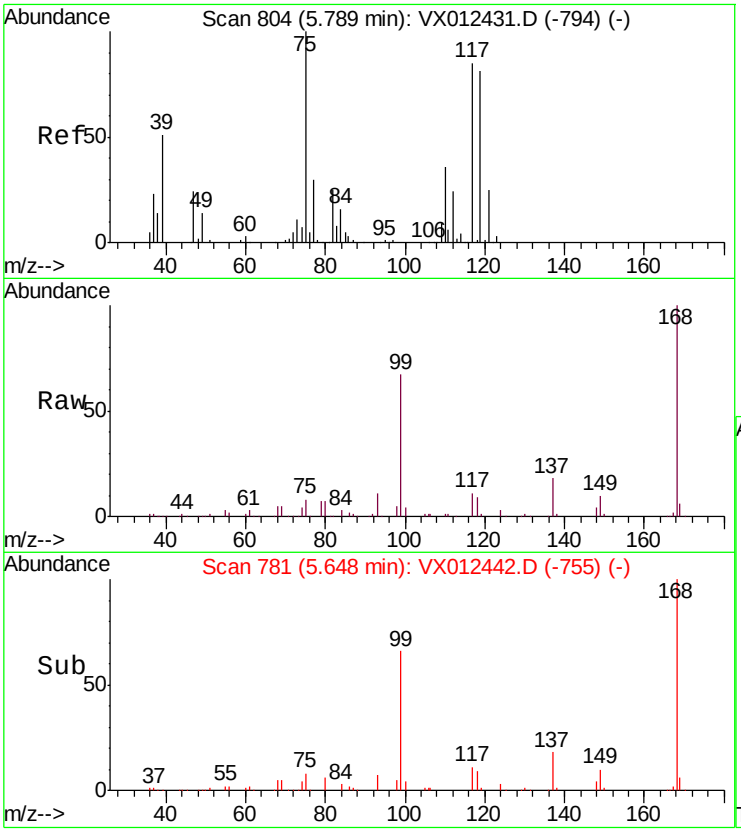


#35
Dibromofluoromethane
Concen: 50.792 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion:113 Resp: 66051

Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.4	125.2
192	18.9	14.4	21.6



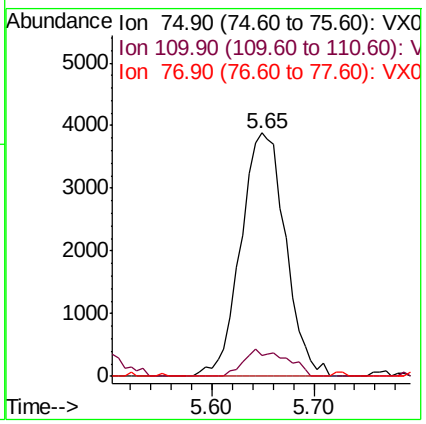


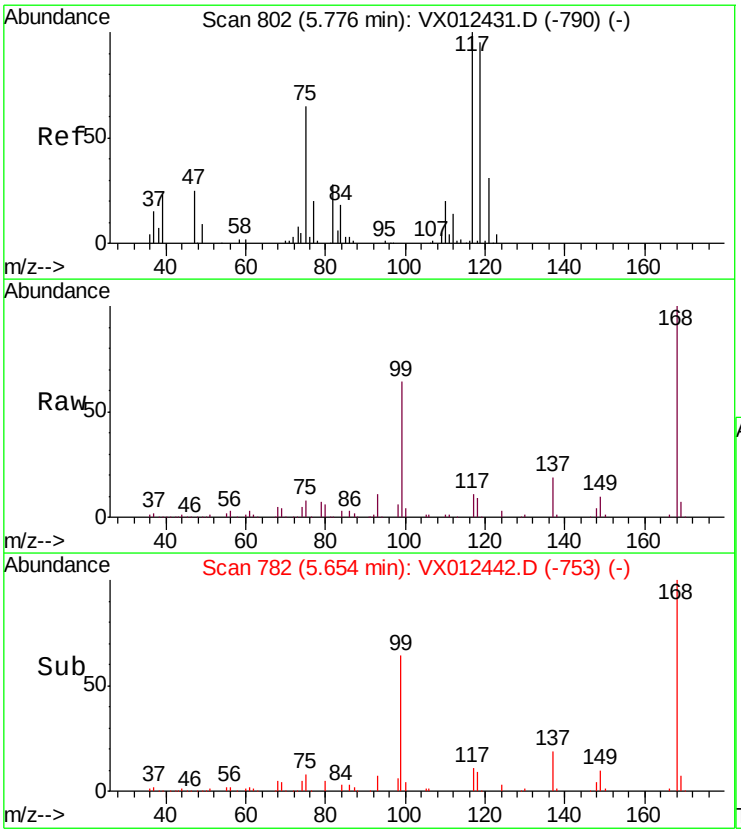
#36
1,1-Dichloropropene
Concen: 9.044 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion: 75 Resp: 11809

Ion	Ratio	Lower	Upper
75	100		
110	10.5	16.7	50.0#
77	0.0	24.2	36.2#

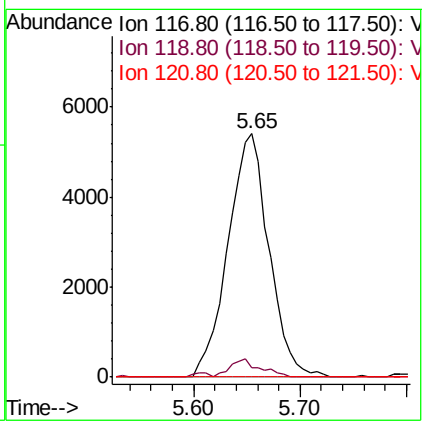


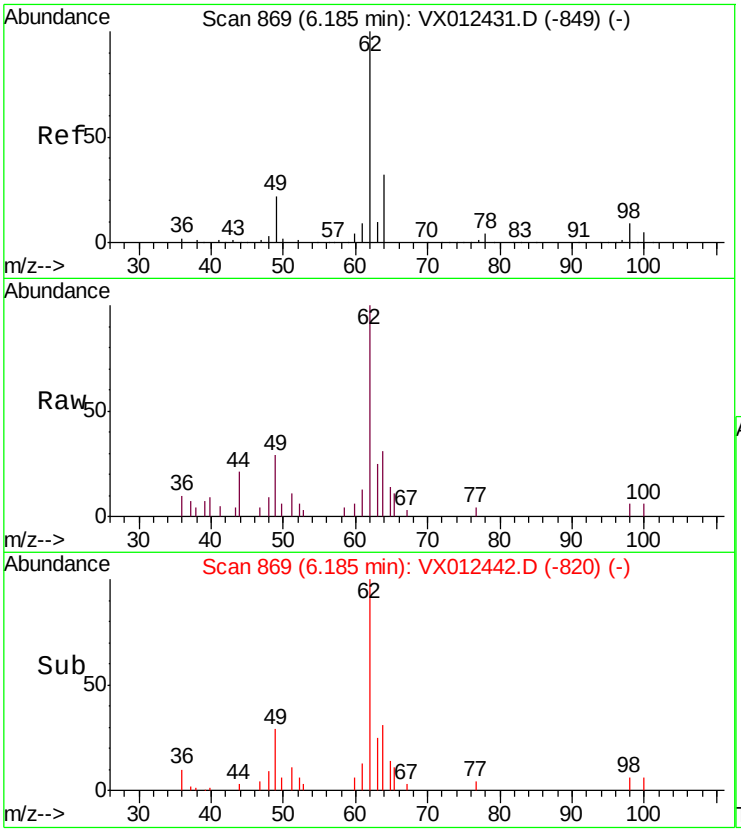


#38
Carbon Tetrachloride
Concen: 8.960 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion:117 Resp: 14551

Ion	Ratio	Lower	Upper
117	100		
119	4.0	75.7	113.5#
121	0.0	24.2	36.4#



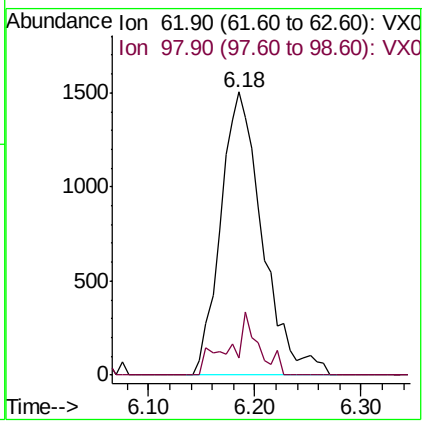


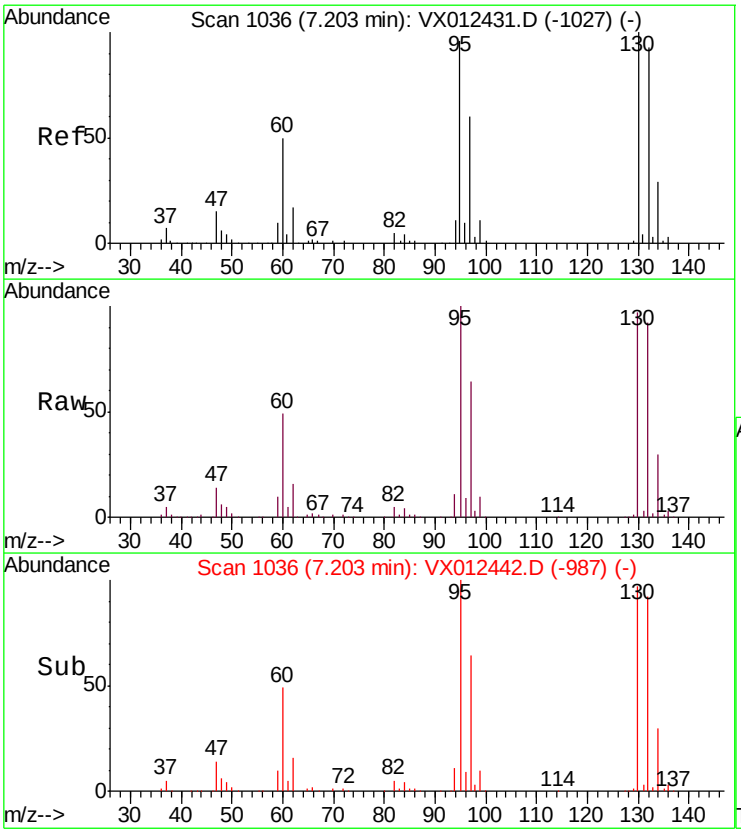
#42
1,2-Dichloroethane
Concen: 2.144 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion: 62 Resp: 4129

Ion	Ratio	Lower	Upper
62	100		
98	15.4	0.0	17.8

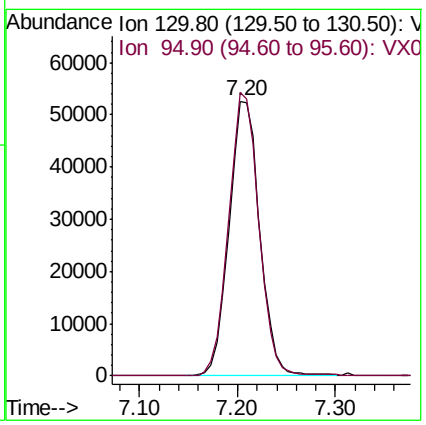


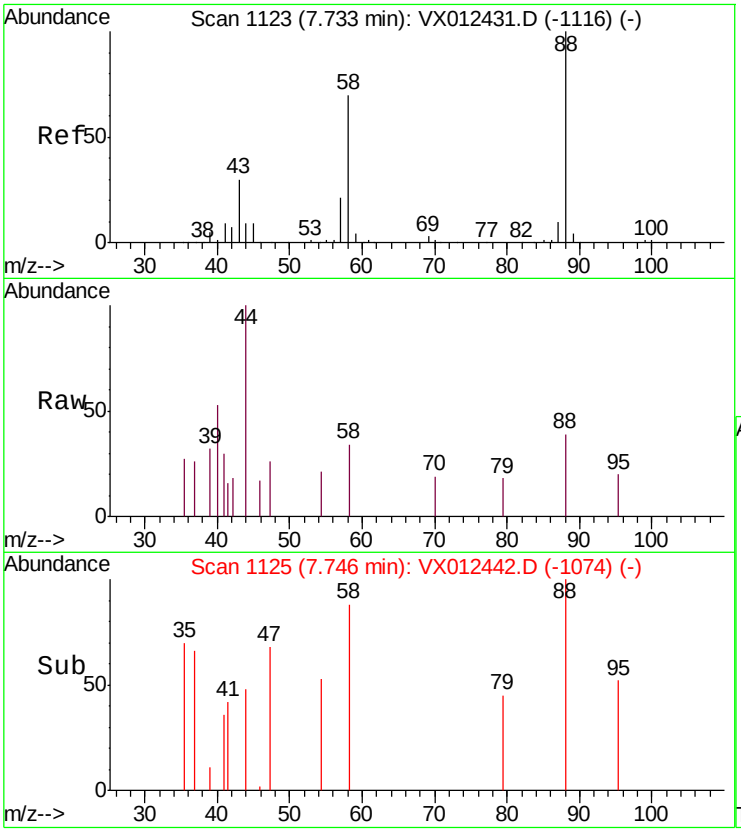


#44
Trichloroethene
Concen: 104.853 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion:130 Resp: 114528

Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	193.0



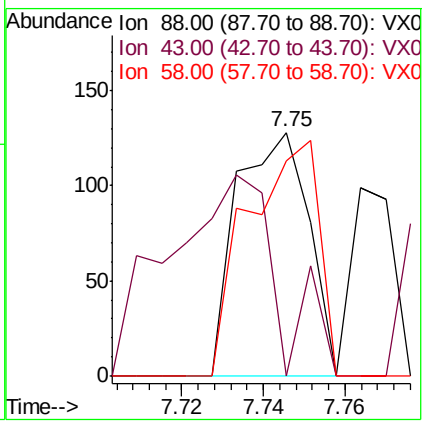


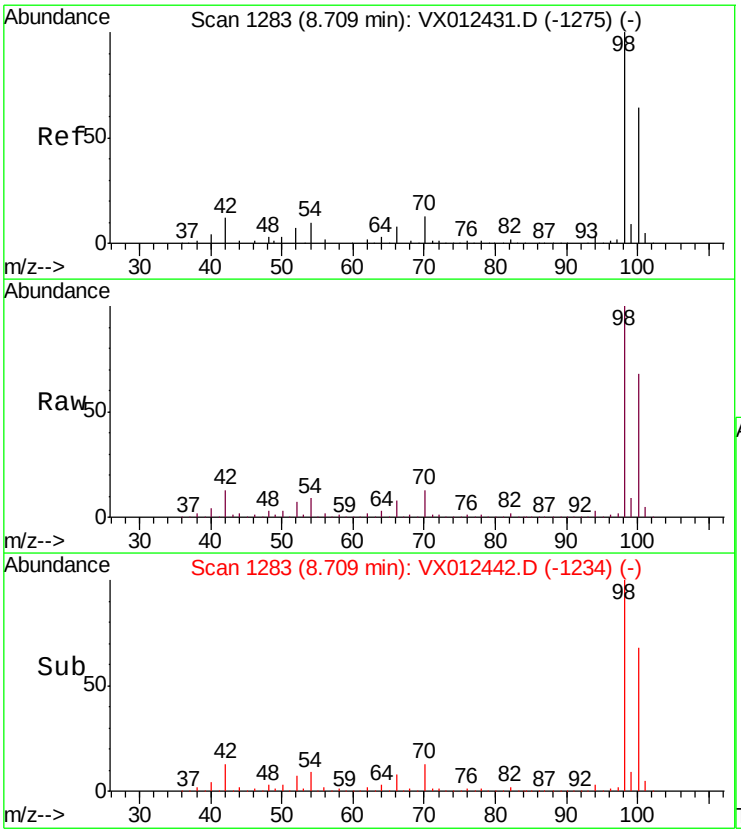
#49
1,4-Dioxane
Concen: 3.804 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion: 88 Resp: 157

Ion	Ratio	Lower	Upper
88	100		
43	124.8	29.4	44.0#
58	95.5	57.5	86.3#

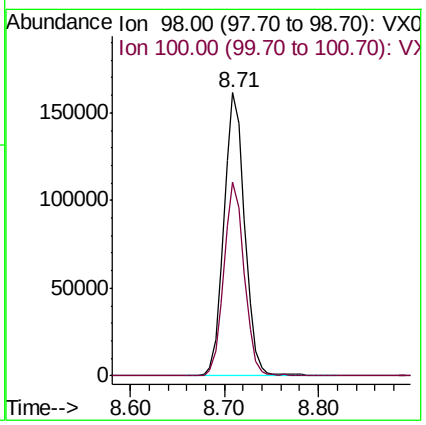


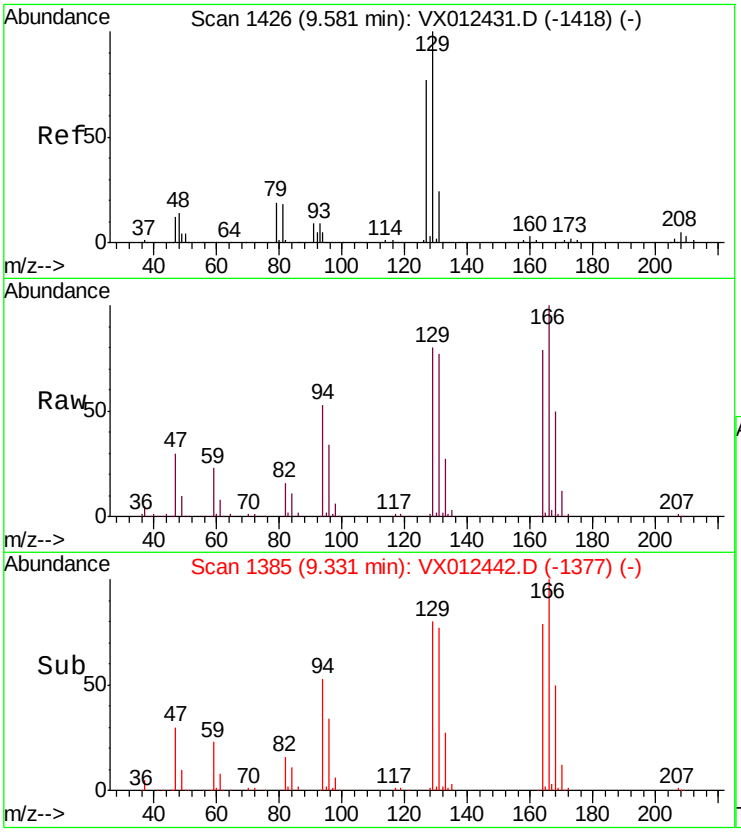


#50
Toluene-d8
Concen: 51.332 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion: 98 Resp: 247081

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2



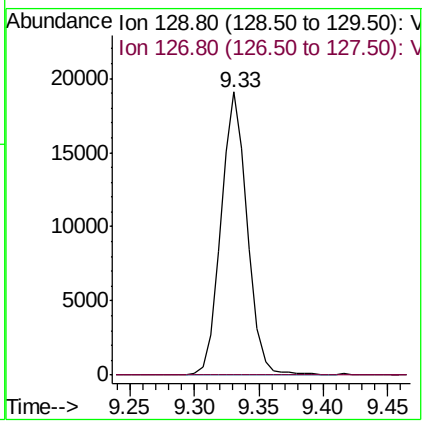


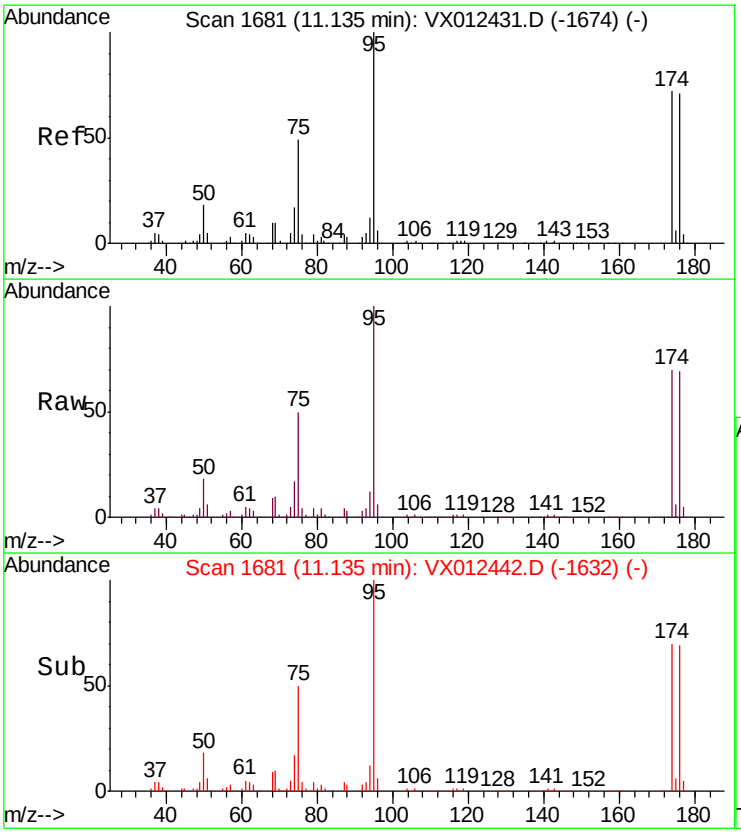
#60
Dibromochloromethane
Concen: 19.508 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion:129 Resp: 27391

Ion	Ratio	Lower	Upper
129	100		
127	0.1	38.9	116.6#

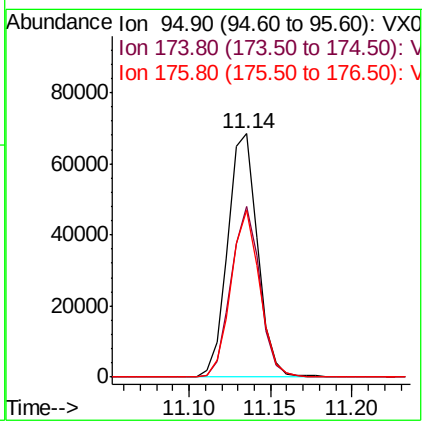


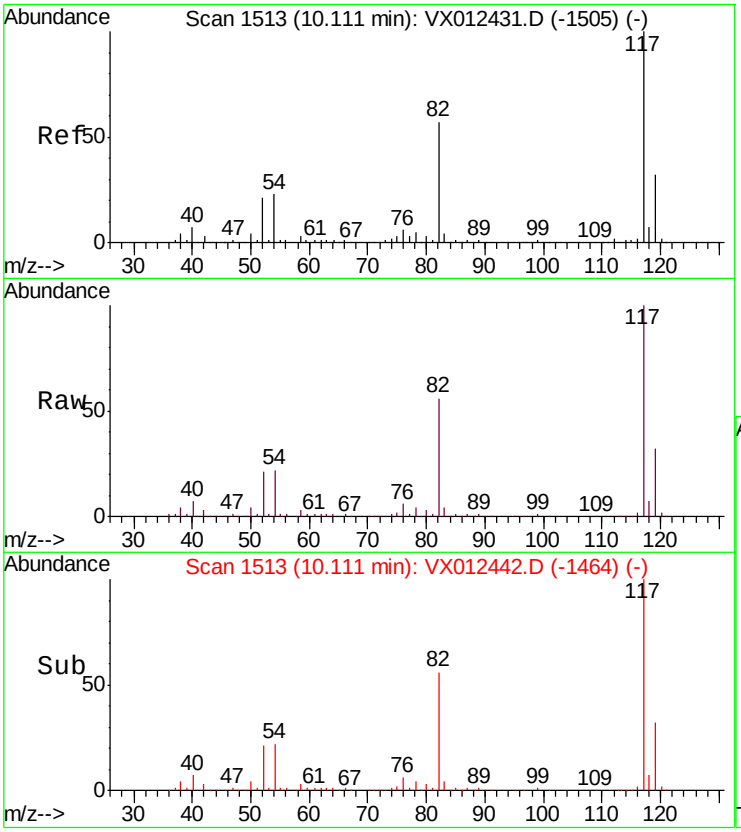


#62
4-Bromofluorobenzene
Concen: 43.604 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion: 95 Resp: 87146

Ion	Ratio	Lower	Upper
95	100		
174	68.0	0.0	140.0
176	66.3	0.0	135.4



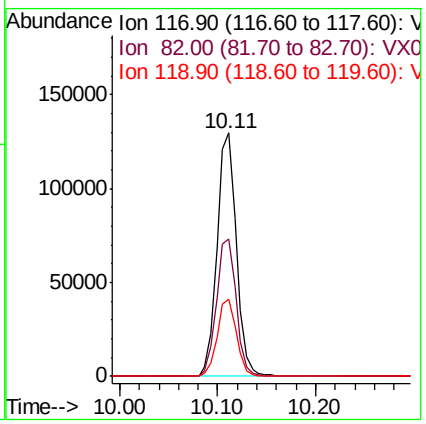


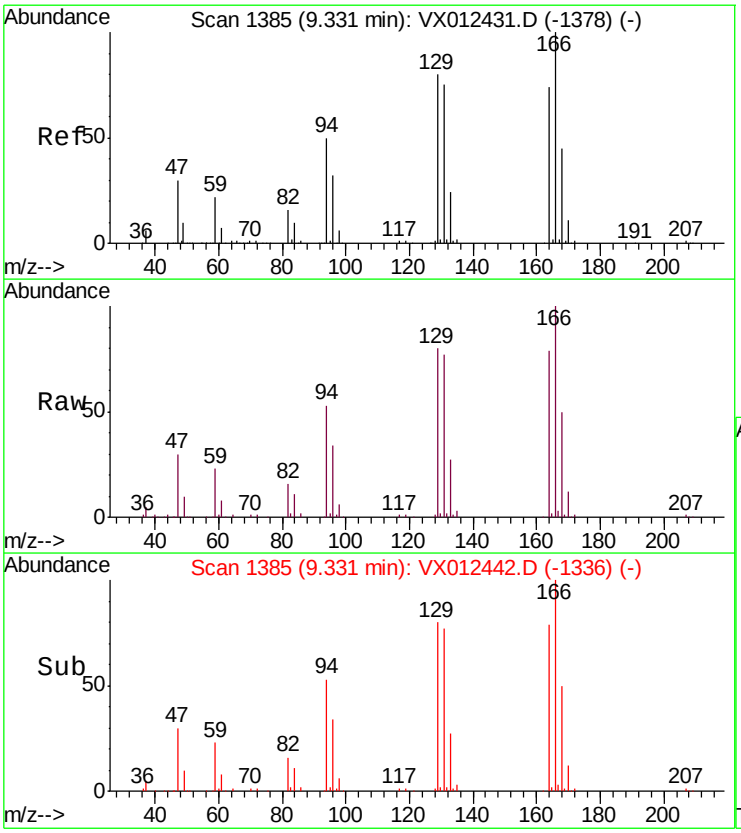
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument : MSVOA_X
ClientSampleId : MW202D-20190909

Tgt Ion:117 Resp: 177287

Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.9	68.9
119	31.9	25.3	37.9

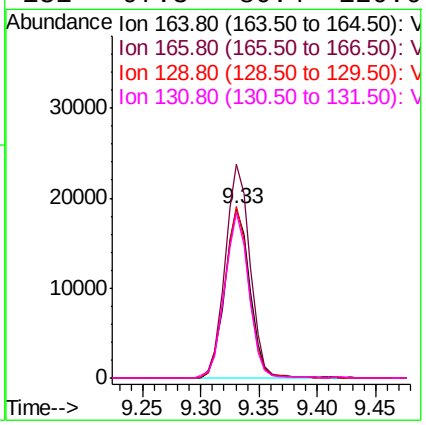


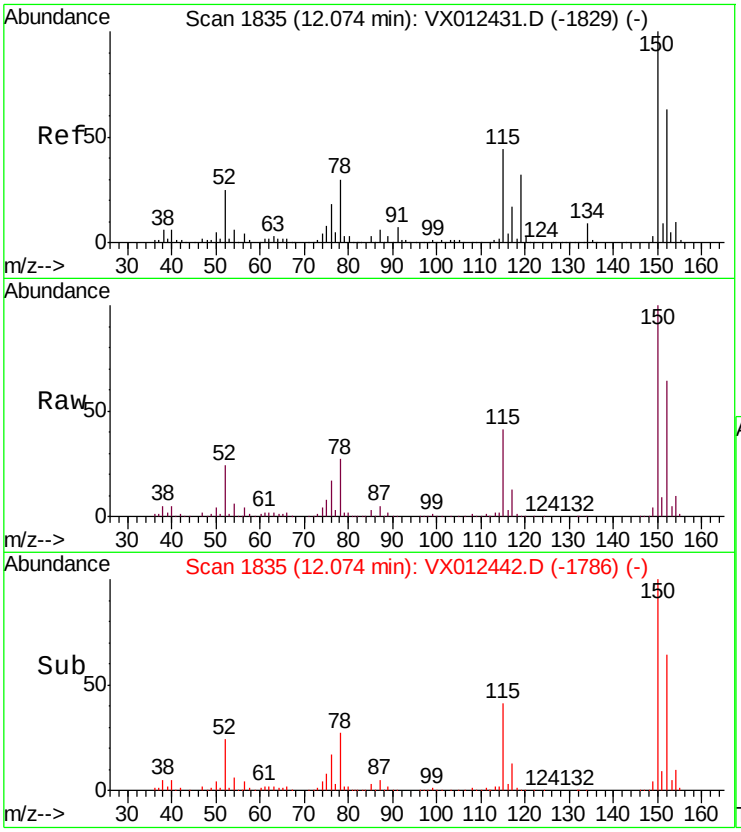


#64
Tetrachloroethene
Concen: 34.542 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion:164 Resp: 28062

Ion	Ratio	Lower	Upper
164	100		
166	126.1	107.8	161.6
129	101.3	86.2	129.2
131	97.3	80.4	120.6



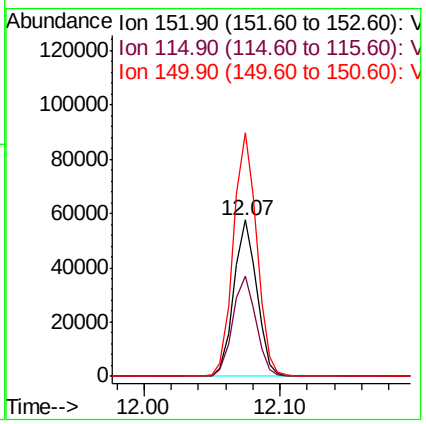


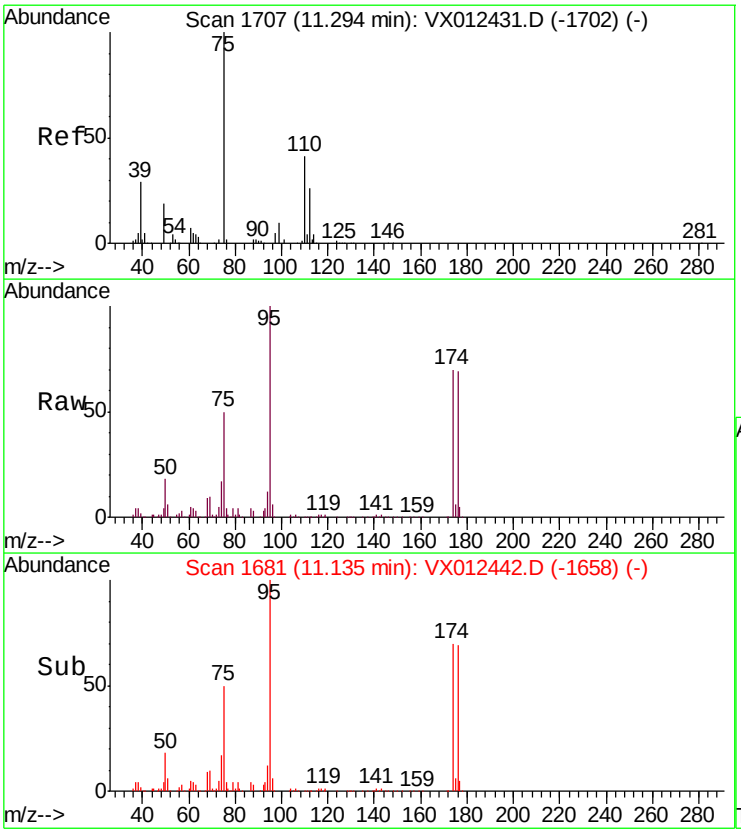
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion:152 Resp: 67778

Ion	Ratio	Lower	Upper
152	100		
115	65.2	44.1	132.3
150	157.7	0.0	343.8

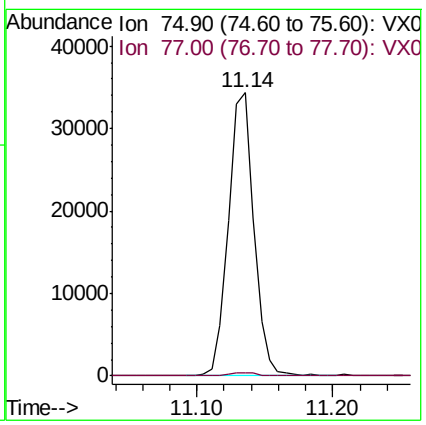


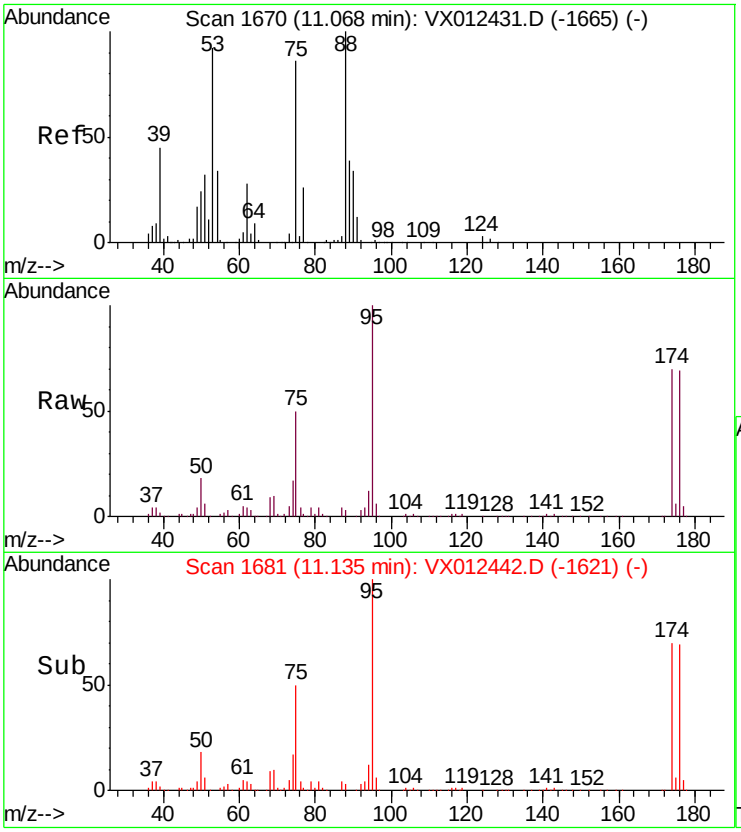


#76
1,2,3-Trichloropropane
Concen: 28.716 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Tgt Ion: 75 Resp: 44709

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.052 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012442.D
Acq: 17 Sep 2019 19:29

Instrument :
MSVOA_X
ClientSampleId :
MW202D-20190909

Tgt Ion: 75 Resp: 44709

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.6	125.4#
89	0.2	36.3	54.5#