Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122719\
Data File : VX014340.D
Acq On : 28 Dec 2019 04:33
Operator : JC/SP
Sample : K6442-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : K615-WC-1

Quant Time: Dec 30 05:46:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	506081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	782182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	710983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	313314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	280851	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.94%			
35) Dibromofluoromethane	5.49	113	231442	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.36%			
50) Toluene-d8	8.71	98	936357	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.16%			
62) 4-Bromofluorobenzene	11.13	95	316618	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.58%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	1062	0.233	ug/l	96
6) Chloroethane	1.67	64	830	0.210	ug/l #	45
8) Diethyl Ether	2.18	74	3290	0.883	ug/l	70
10) Methyl Iodide	2.50	142	420	2.684	ug/l #	48
11) Tert butyl alcohol	3.07	59	708	0.571	ug/l #	61
13) Acrolein	2.29	56	847	1.194	ug/l #	69
16) Acetone	2.44	43	21845	5.866	ug/l	99
17) Carbon Disulfide	2.56	76	1179	0.836	ug/l #	1
18) Methyl Acetate	2.76	43	4737	0.642	ug/l #	71
20) Methylene Chloride	2.85	84	17286	2.948	ug/l	97
25) 2-Butanone	4.68	43	3292	0.717	ug/l #	83
28) Bromochloromethane	5.00	49	355	0.549	ug/l #	8
29) Tetrahydrofuran	5.12	42	573	0.223	ug/l #	46
36) 1,1-Dichloropropene	5.65	75	34069	4.747	ug/l #	52
38) Carbon Tetrachloride	5.65	117	44072	6.741	ug/l #	19
43) Isopropyl Acetate	6.43	43	123858	9.443	ug/l	99
48) Methyl methacrylate	7.67	41	6982	1.087	ug/l #	17
49) 1,4-Dioxane	7.72	88	464	3.550	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	113523	13.782	ug/l #	45
54) cis-1,3-Dichloropropene	8.61	75	53182	6.177	ug/l #	58
59) 2-Hexanone	9.54	43	124388	18.759	ug/l #	49
76) 1,2,3-Trichloropropane	11.13	75	154291	22.683	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	154291	64.024	ug/l #	12

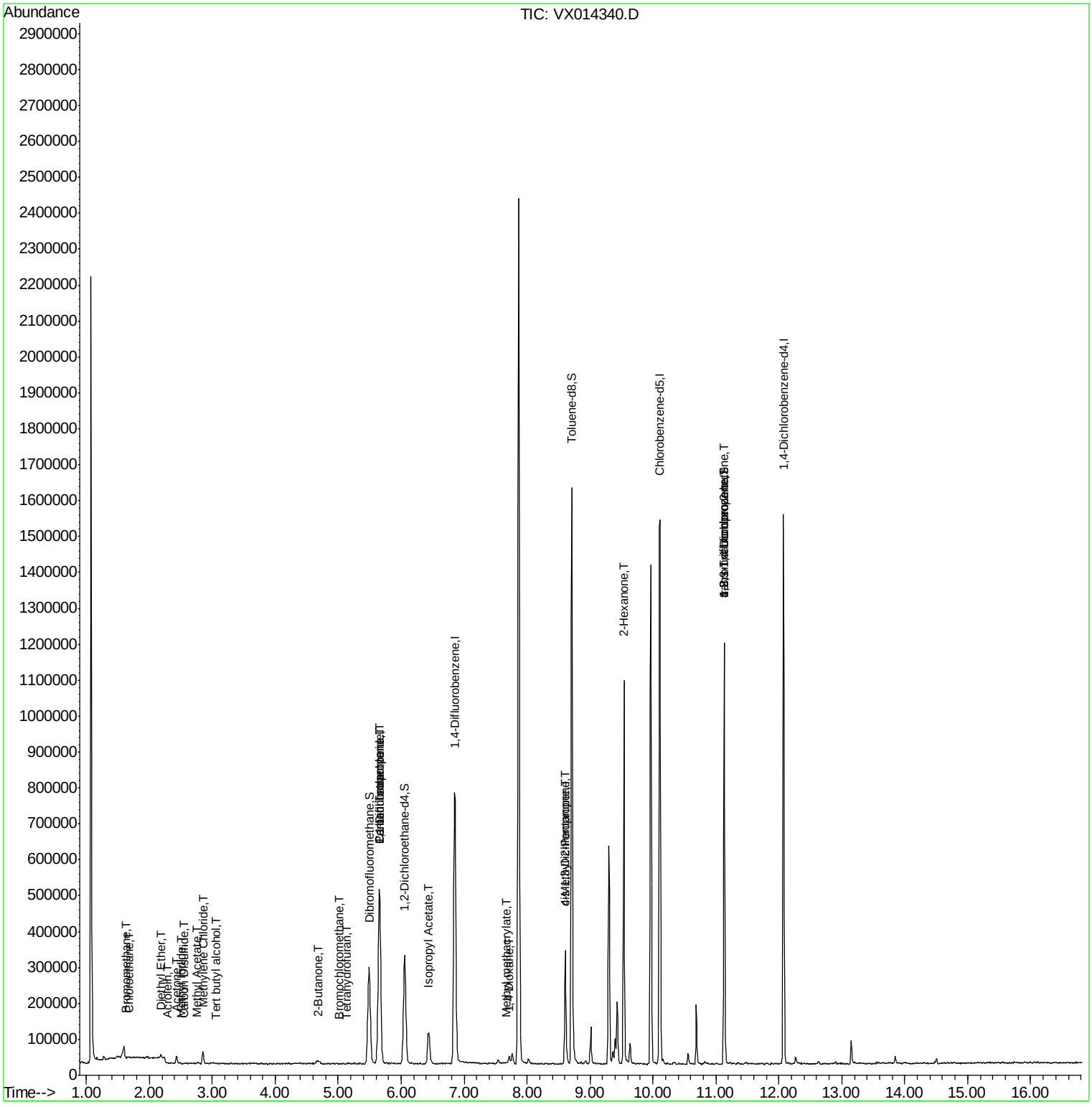
(#) = qualifier out of range (m) = manual integration (+) = signals summed

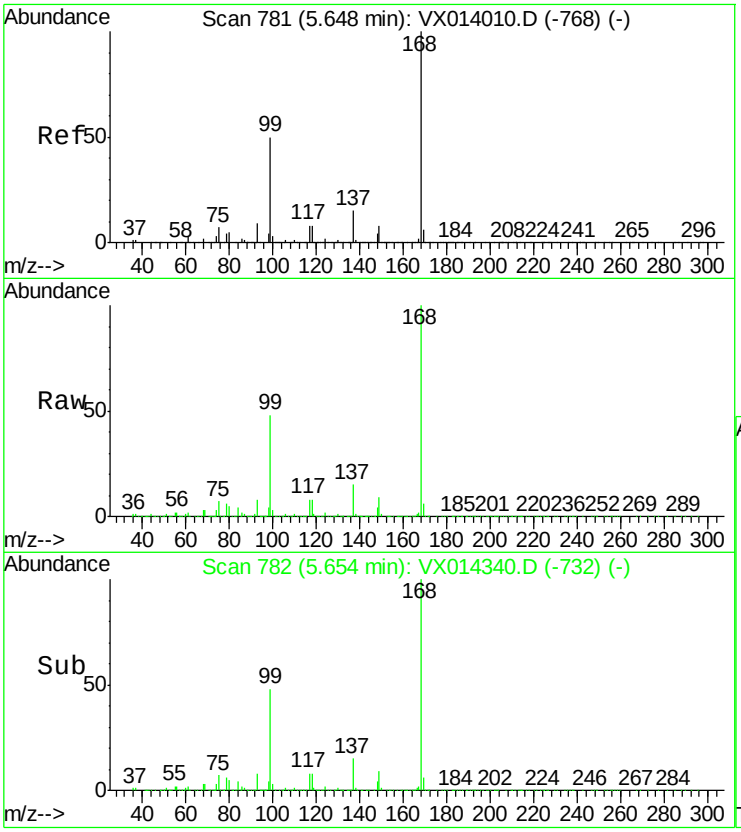
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122719\
Data File : VX014340.D
Acq On : 28 Dec 2019 04:33
Operator : JC/SP
Sample : K6442-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
K615-WC-1

Quant Time: Dec 30 05:46:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration



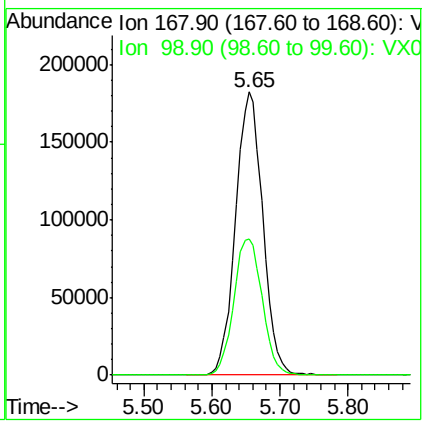


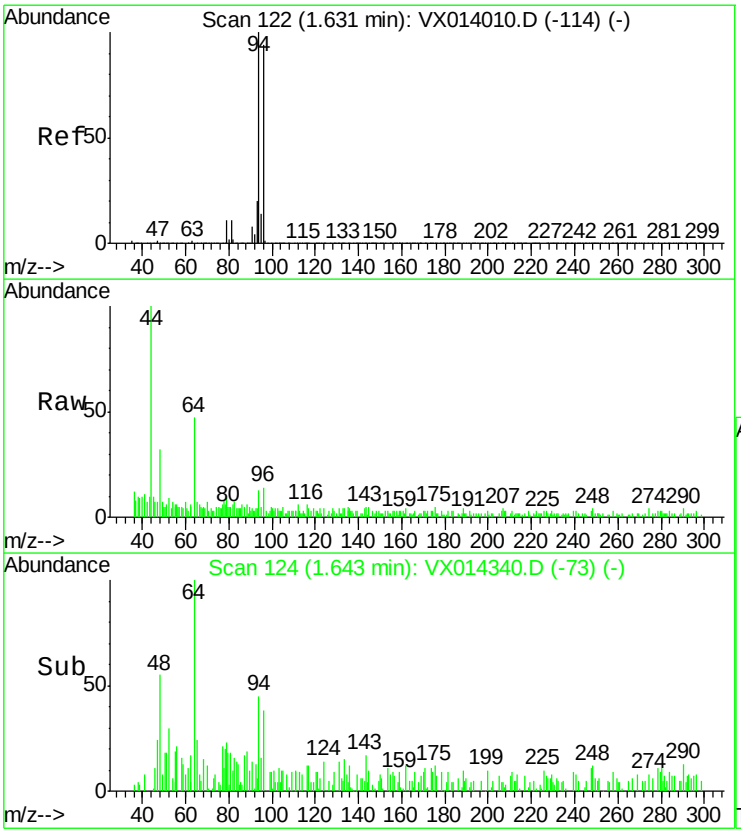
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument : MSVOA_X
ClientSampleId : K615-WC-1

Tgt Ion:168 Resp: 506081

Ion	Ratio	Lower	Upper
168	100		
99	47.9	40.3	60.5

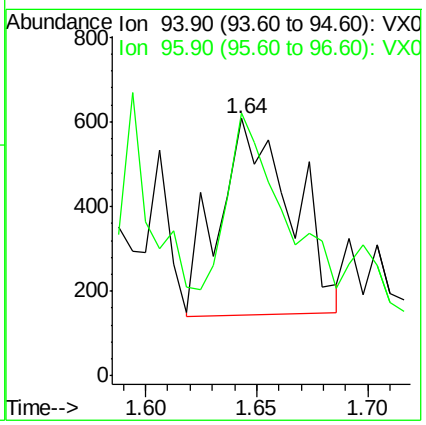


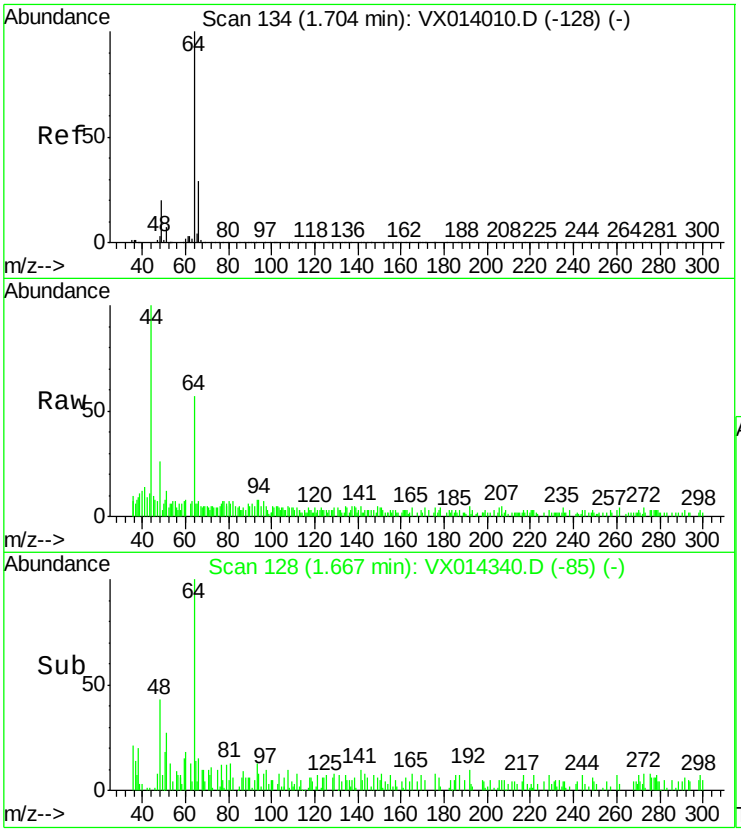


#5
Bromomethane
Concen: 0.233 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.01 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion: 94 Resp: 1062

Ion	Ratio	Lower	Upper
94	100		
96	89.8	75.2	112.8



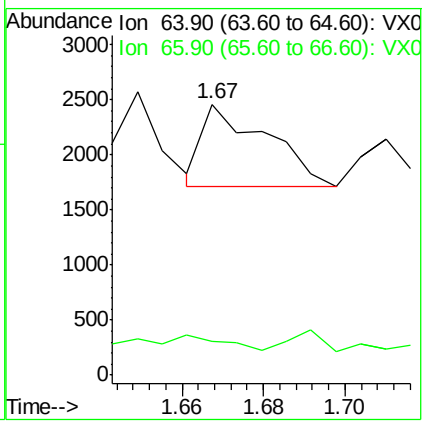


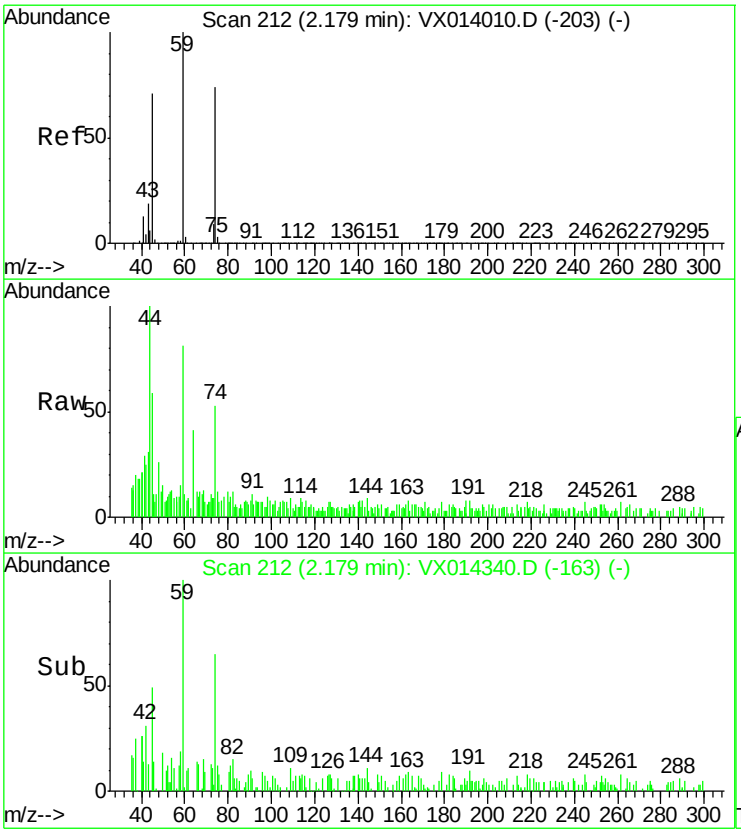
#6
Chloroethane
Concen: 0.210 ug/l
RT: 1.67 min Scan# 128
Delta R.T. -0.04 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument : MSVOA_X
ClientSampleId : K615-WC-1

Tgt Ion: 64 Resp: 830

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.4	35.2#

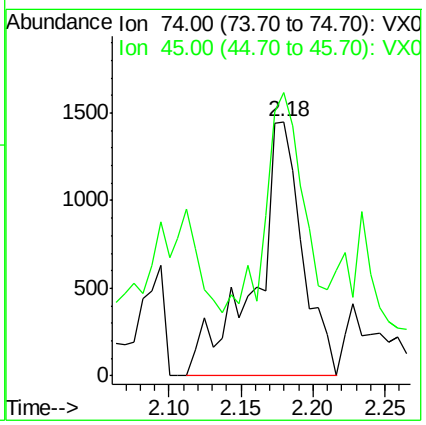


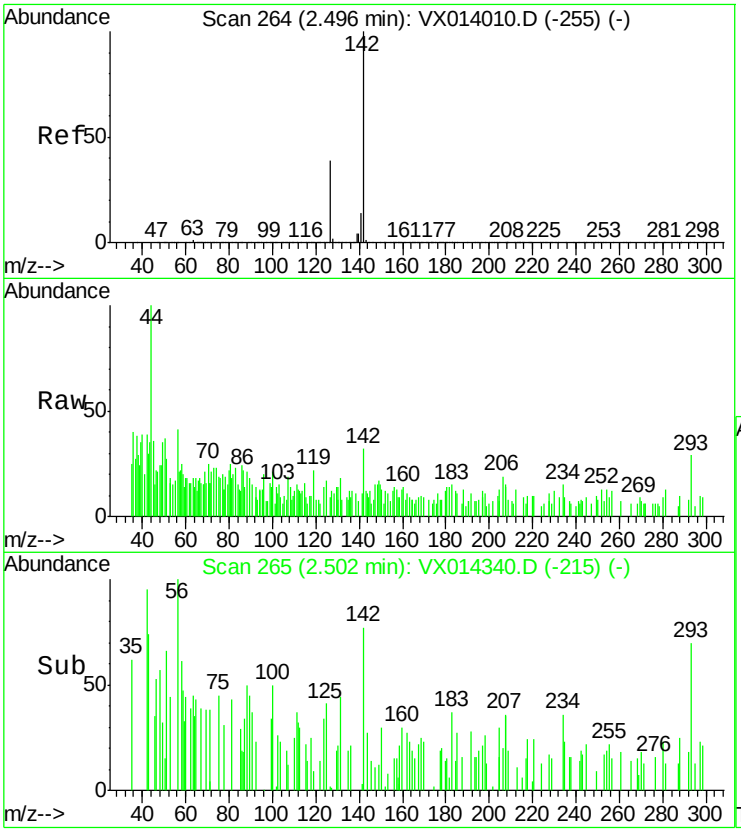


#8
Diethyl Ether
Concen: 0.883 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion: 74 Resp: 3290

Ion	Ratio	Lower	Upper
74	100		
45	66.6	48.1	144.3



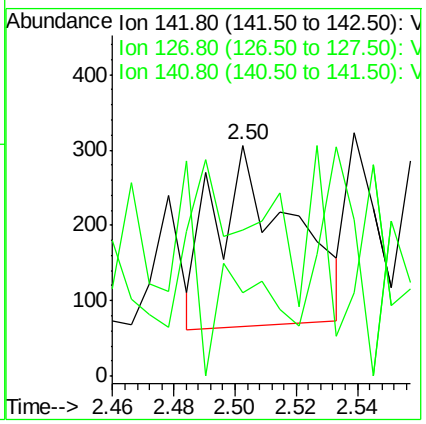


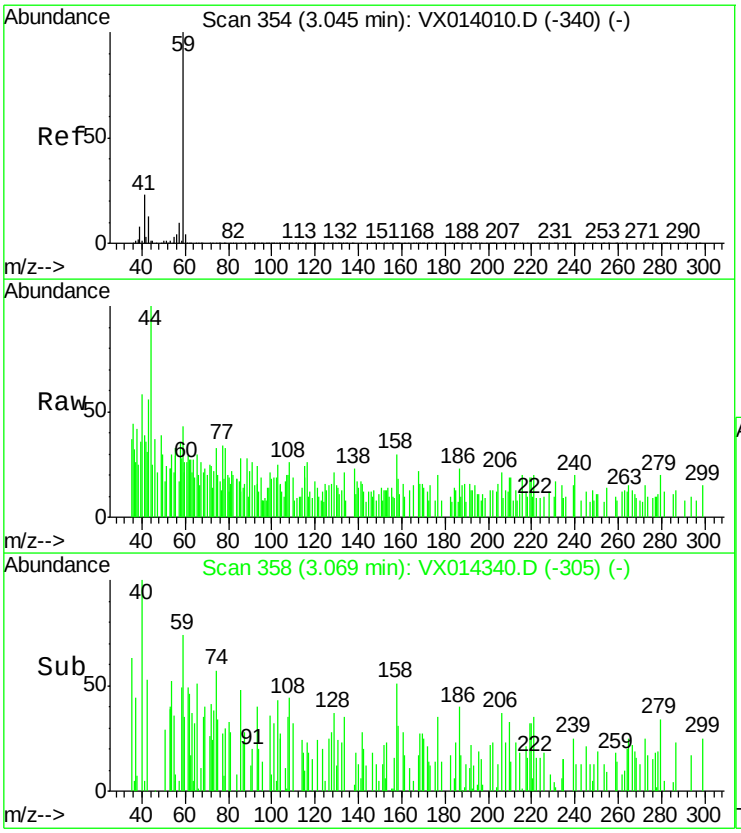
#10
Methyl Iodide
Concen: 2.684 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument : MSVOA_X
ClientSampleId : K615-WC-1

Tgt Ion:142 Resp: 420

Ion	Ratio	Lower	Upper
142	100		
127	0.0	31.6	47.4#
141	7.1	11.6	17.4#

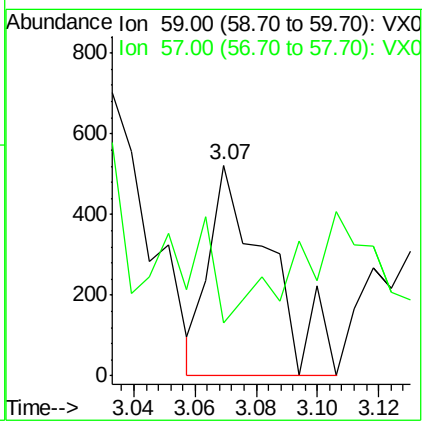


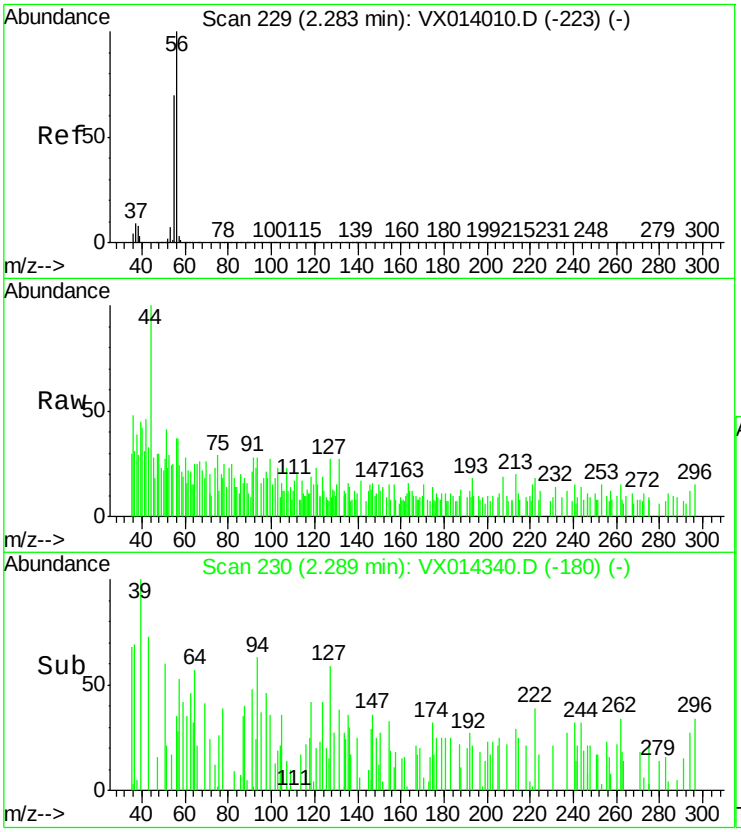


#11
Tert butyl alcohol
Concen: 0.571 ug/l
RT: 3.07 min Scan# 358
Delta R.T. 0.02 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion: 59 Resp: 708

Ion	Ratio	Lower	Upper
59	100		
57	25.0	8.4	12.6#



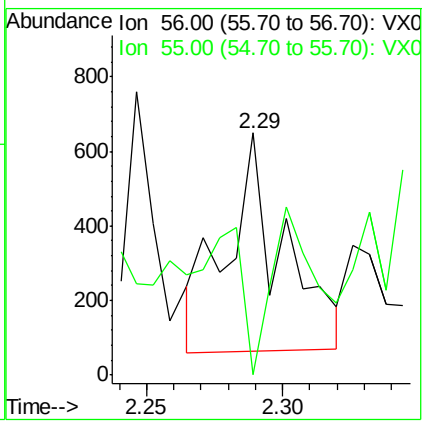


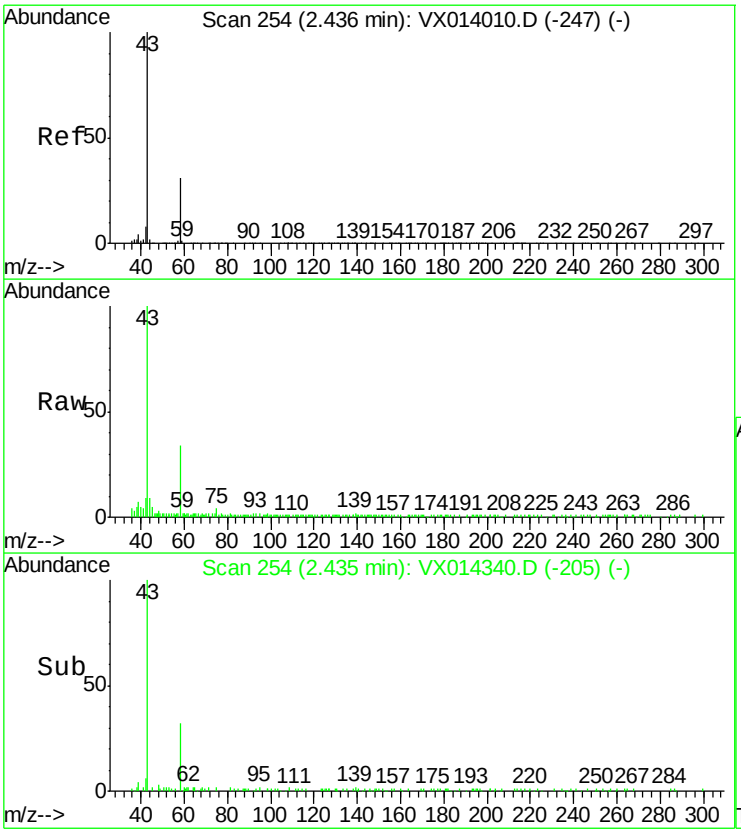
#13
Acrolein
Concen: 1.194 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument : MSVOA_X
ClientSampleId : K615-WC-1

Tgt Ion: 56 Resp: 847

Ion	Ratio	Lower	Upper
56	100		
55	45.1	56.9	85.3#

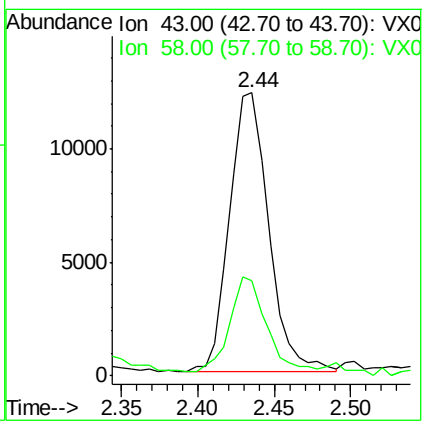


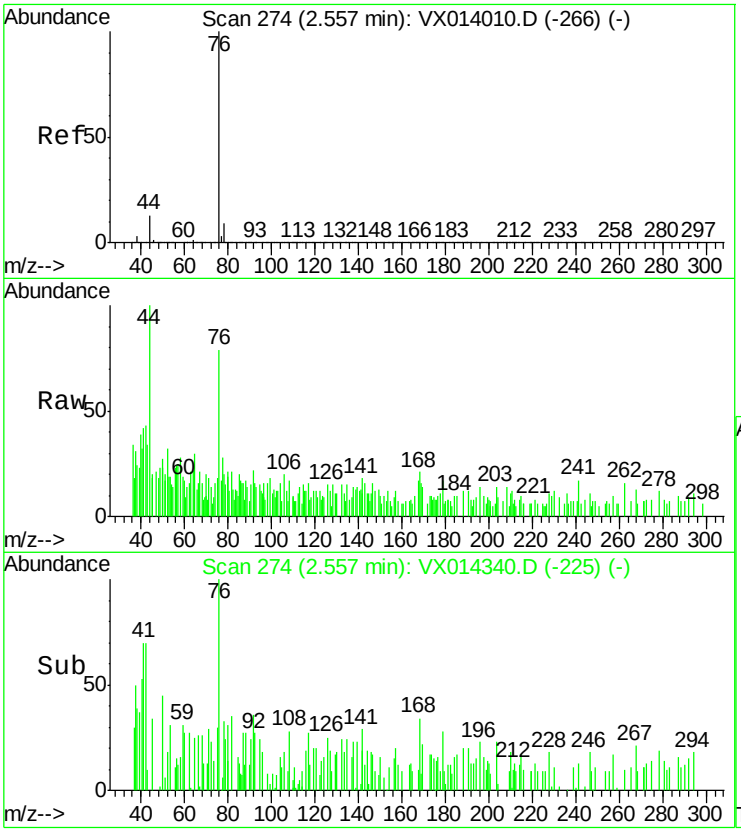


#16
Acetone
Concen: 5.866 ug/l
RT: 2.44 min Scan# 254
Delta R.T. -0.00 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion: 43 Resp: 21845

Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.9	37.3



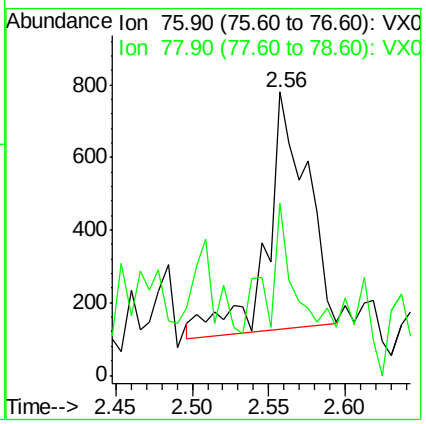


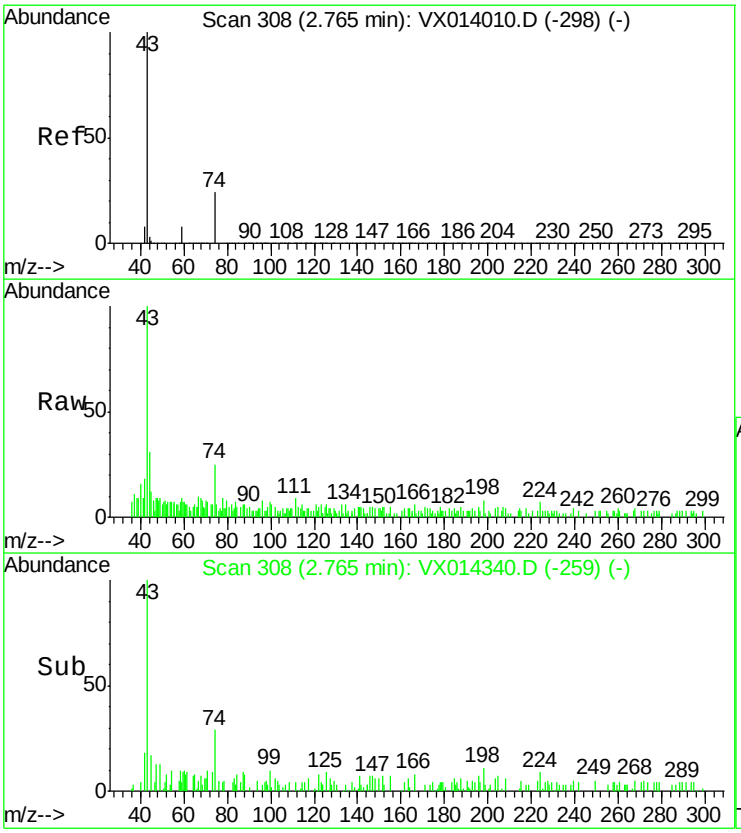
#17
Carbon Disulfide
Concen: 0.836 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument :
MSVOA_X
ClientSampleId :
K615-WC-1

Tgt Ion: 76 Resp: 1179

Ion	Ratio	Lower	Upper
76	100		
78	54.0	7.2	10.8#

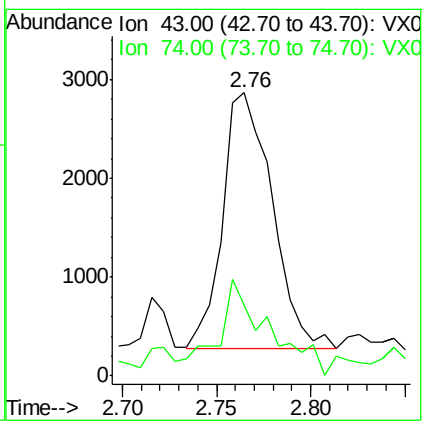


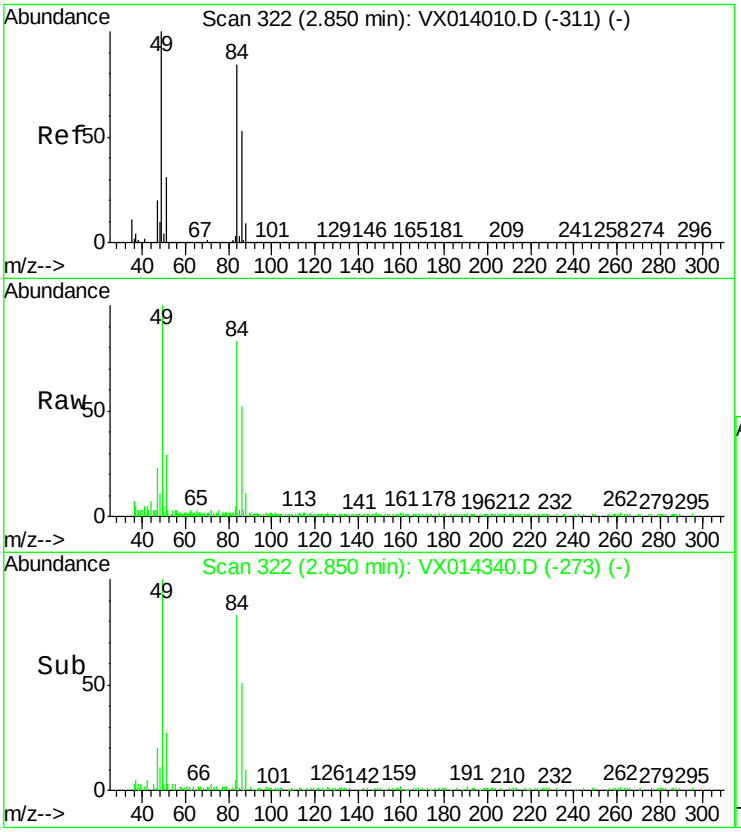


#18
Methyl Acetate
Concen: 0.642 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion: 43 Resp: 4737

Ion	Ratio	Lower	Upper
43	100		
74	38.7	19.5	29.3#



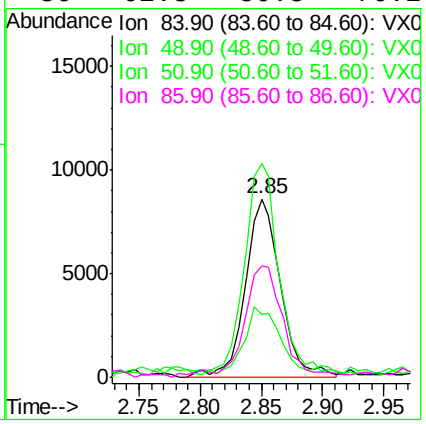


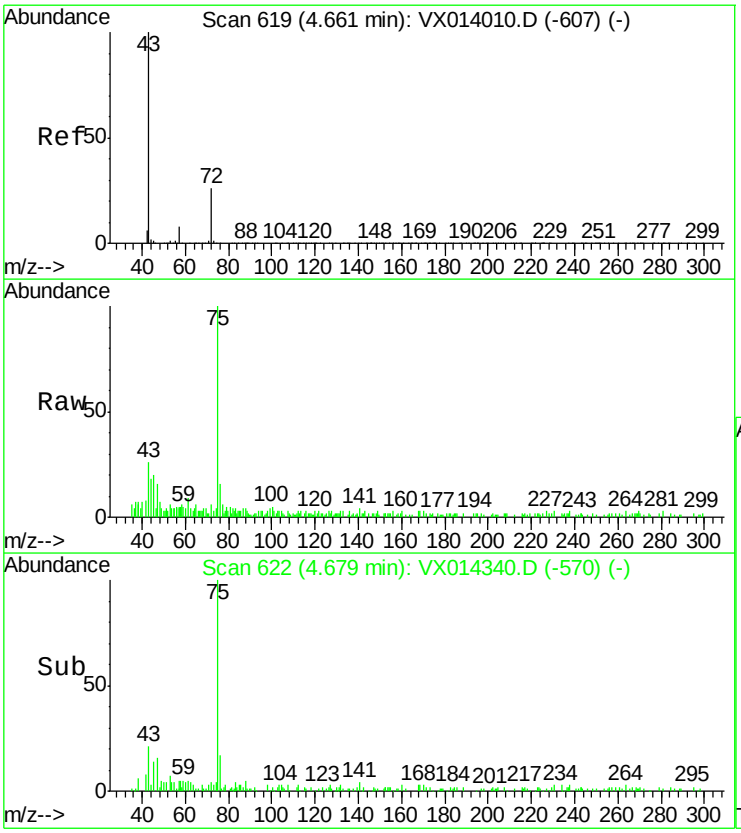
#20
Methylene Chloride
Concen: 2.948 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument : MSVOA_X
ClientSampleId : K615-WC-1

Tgt Ion: 84 Resp: 17286

Ion	Ratio	Lower	Upper
84	100		
49	118.2	95.8	143.6
51	32.5	29.8	44.8
86	62.3	50.8	76.2

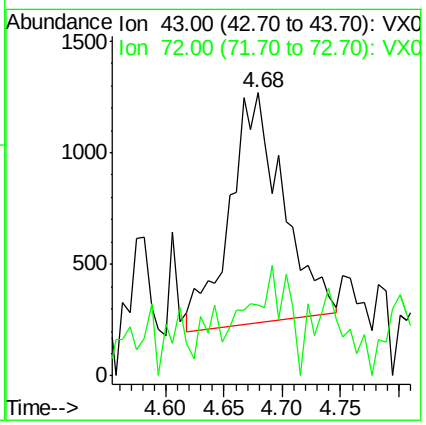


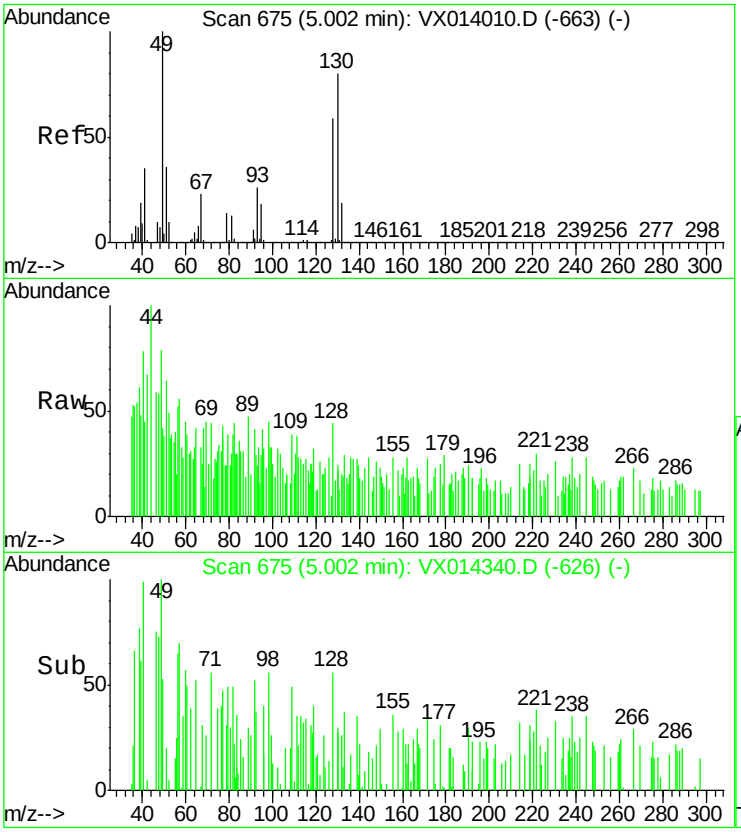


#25
2-Butanone
Concen: 0.717 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion: 43 Resp: 3292

Ion	Ratio	Lower	Upper
43	100		
72	17.5	21.0	31.4#



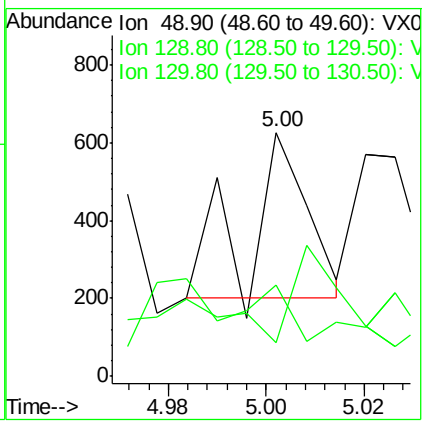


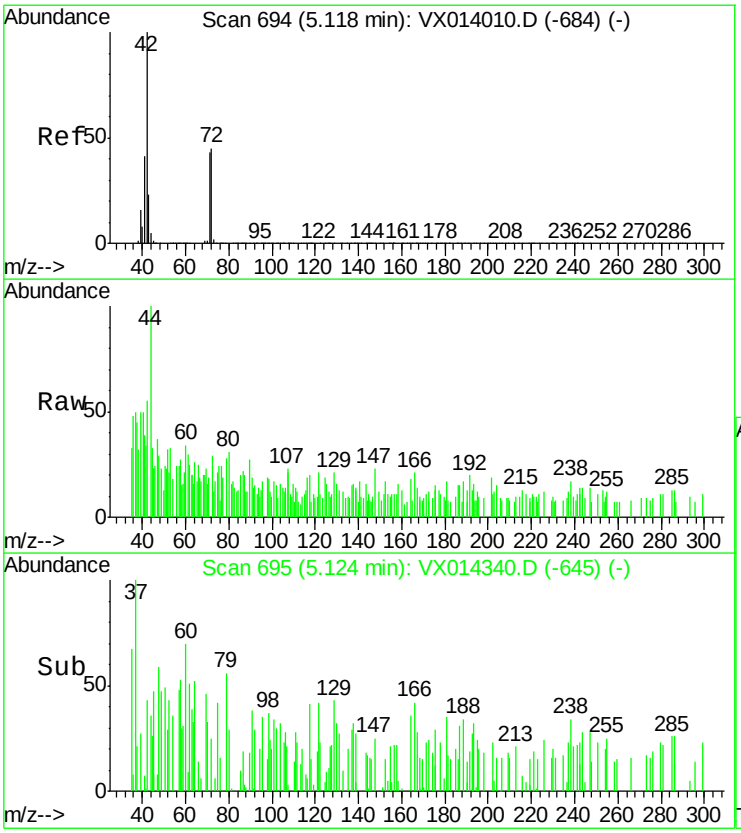
#28
Bromochloromethane
Concen: 0.549 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument :
MSVOA_X
ClientSampleId :
K615-WC-1

Tgt Ion: 49 Resp: 355

Ion	Ratio	Lower	Upper
49	100		
129	47.9	0.0	5.0#
130	0.0	64.6	97.0#

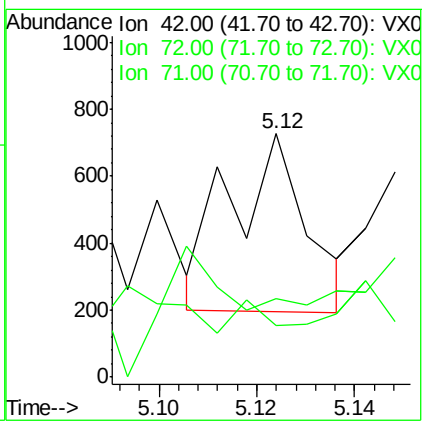


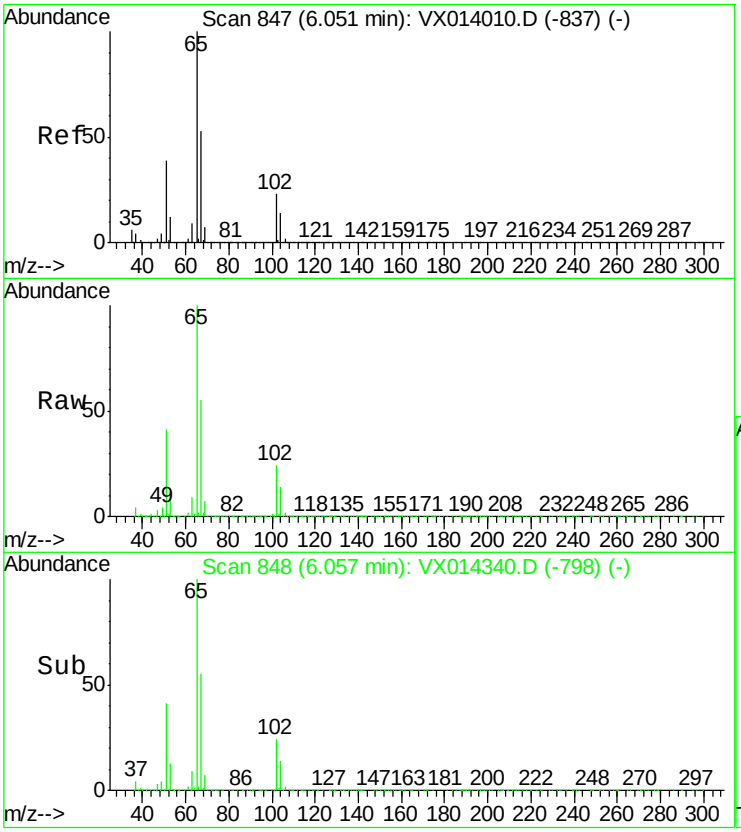


#29
Tetrahydrofuran
Concen: 0.223 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion: 42 Resp: 573

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.8	53.8#
71	18.0	33.6	50.4#



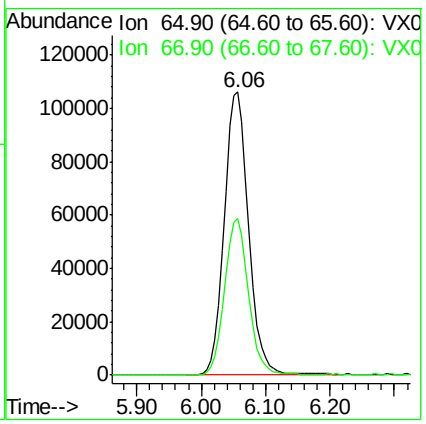


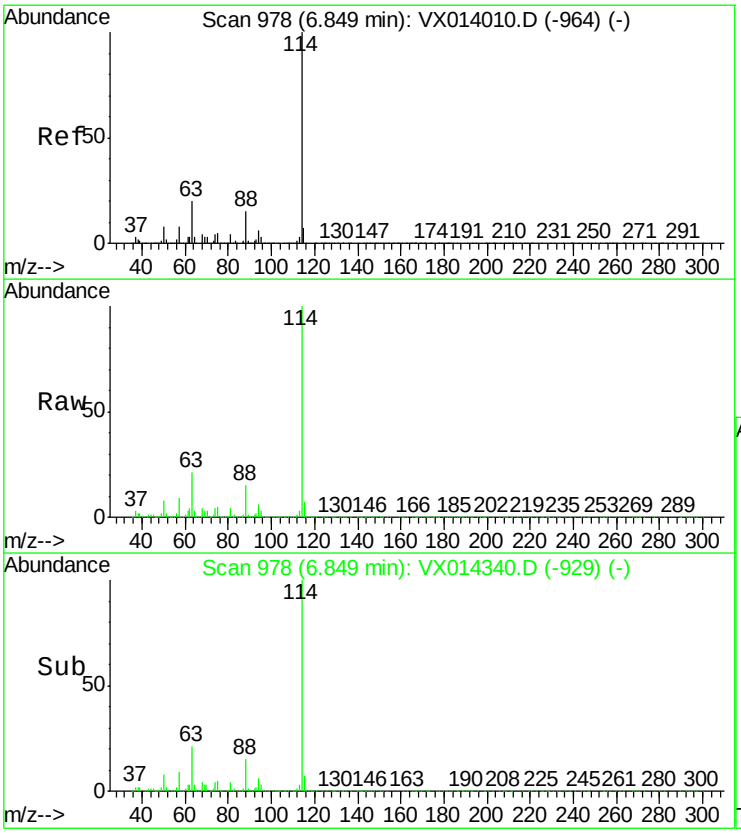
#33
1,2-Dichloroethane-d4
Concen: 48.965 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument :
MSVOA_X
ClientSampleId :
K615-WC-1

Tgt Ion: 65 Resp: 280851

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	106.4

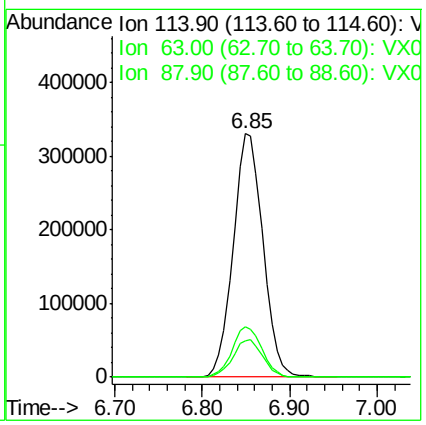


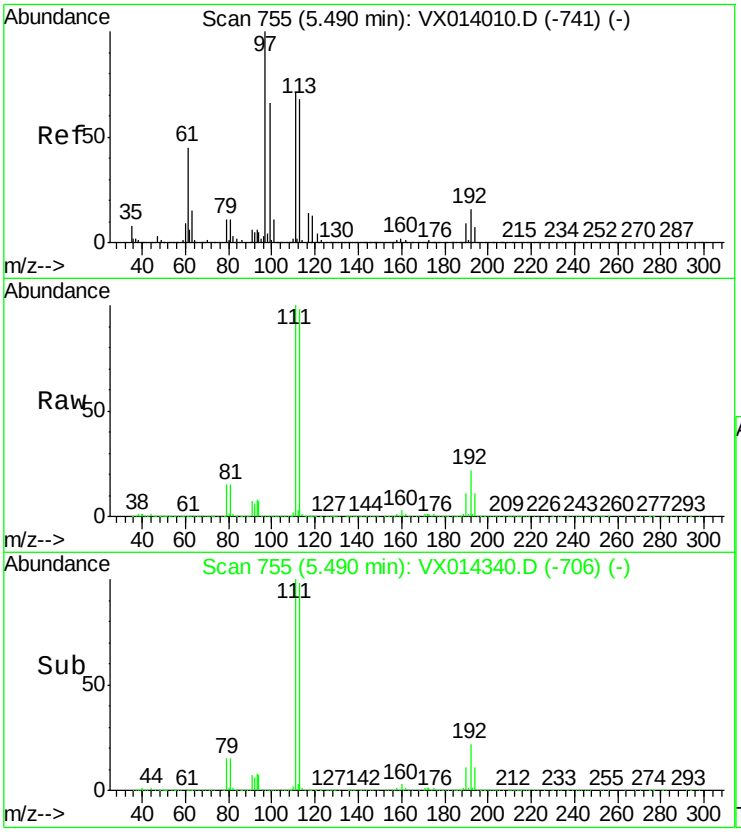


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion:114 Resp: 782182

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	40.8
88	14.7	0.0	30.4



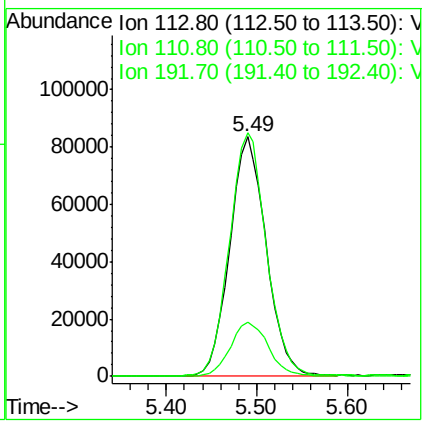


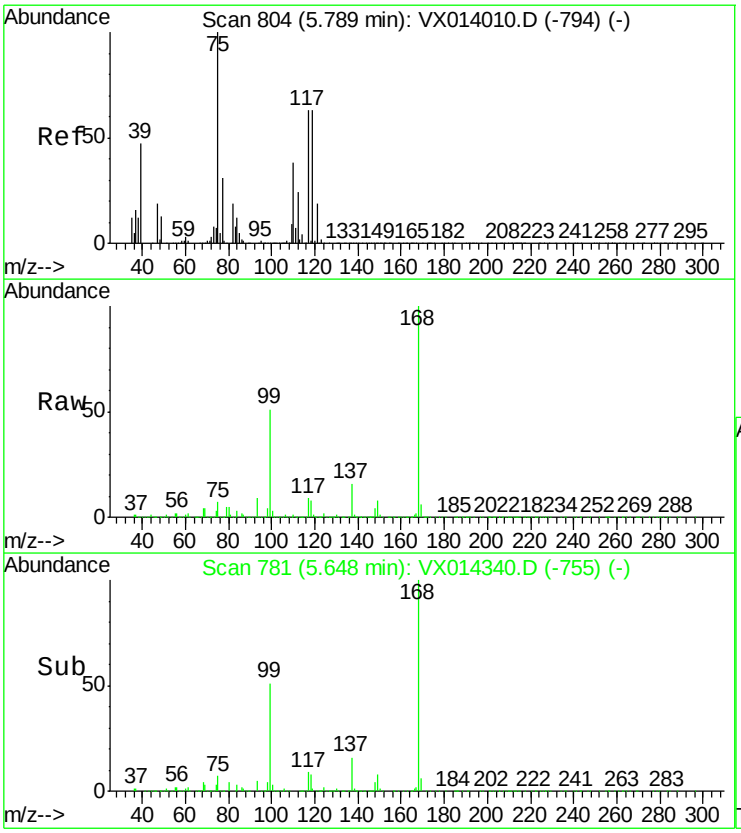
#35
Dibromofluoromethane
Concen: 48.675 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument :
MSVOA_X
ClientSampleId :
K615-WC-1

Tgt Ion:113 Resp: 231442

Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.0	123.0
192	23.8	19.3	28.9

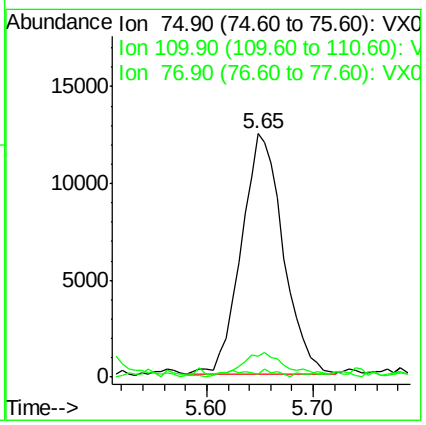


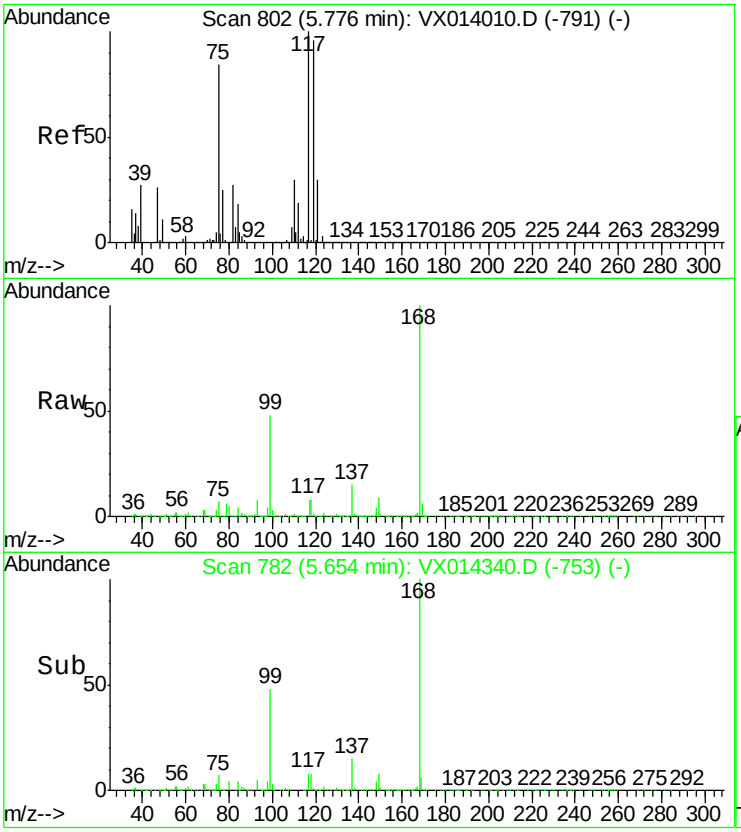


#36
1,1-Dichloropropene
Concen: 4.747 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion: 75 Resp: 34069

Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.3	54.9#
77	1.1	24.8	37.2#



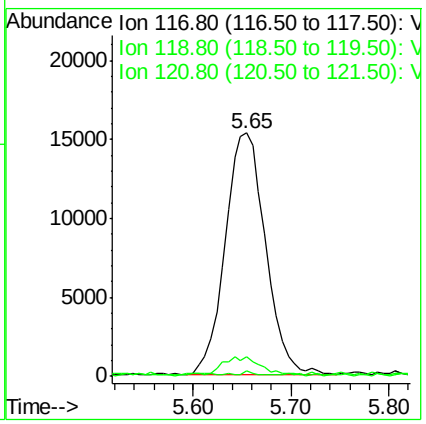


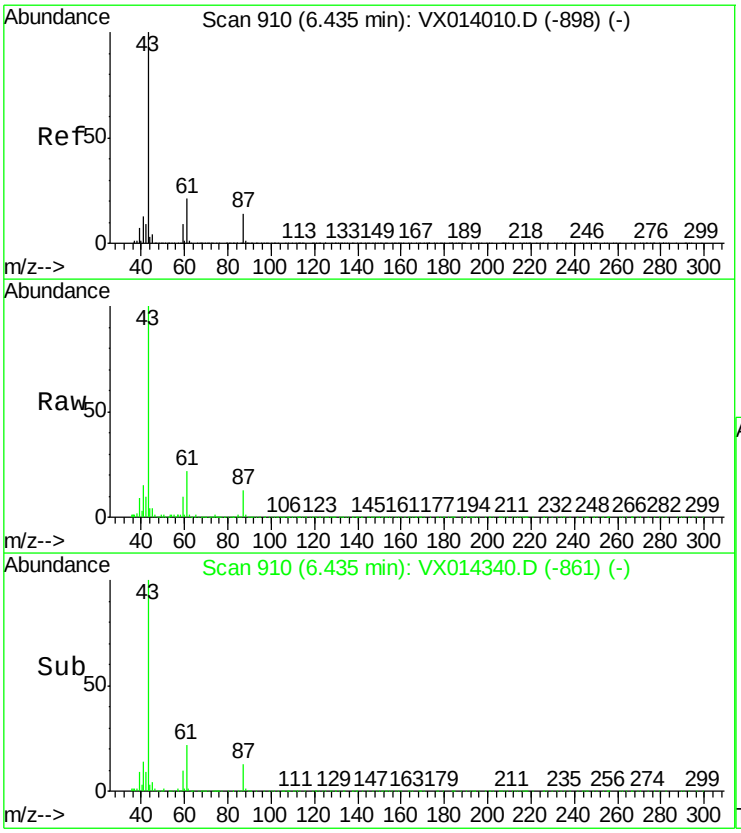
#38
Carbon Tetrachloride
Concen: 6.741 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument :
MSVOA_X
ClientSampleId :
K615-WC-1

Tgt Ion:117 Resp: 44072

Ion	Ratio	Lower	Upper
117	100		
119	7.4	76.2	114.4#
121	1.4	23.6	35.4#

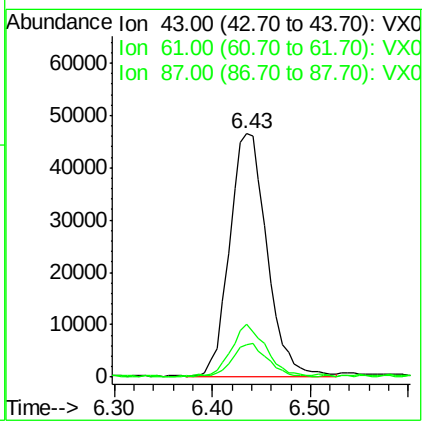


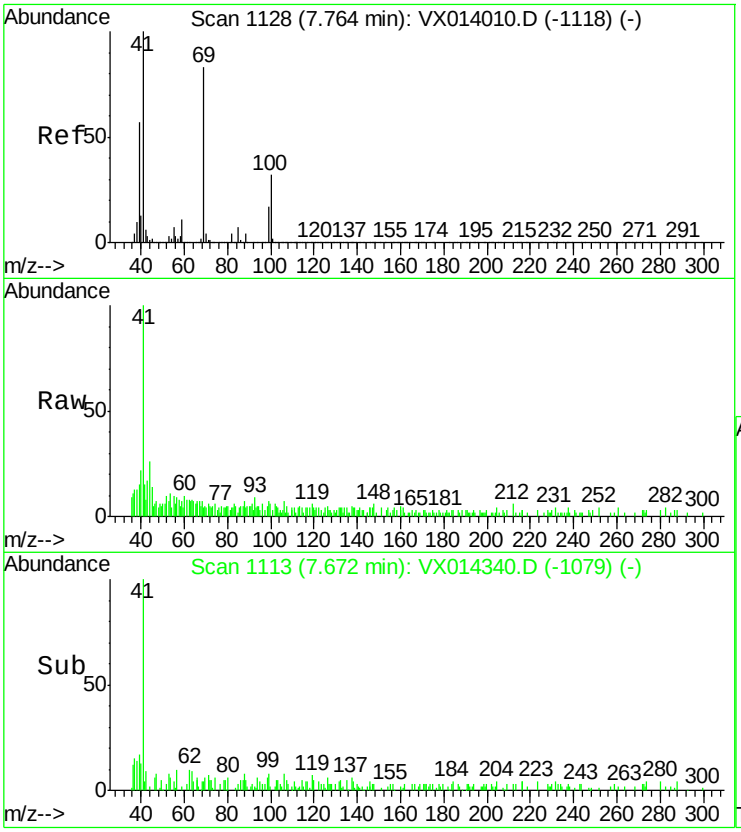


#43
Isopropyl Acetate
Concen: 9.443 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion: 43 Resp: 123858

Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.4	24.6
87	12.7	10.7	16.1



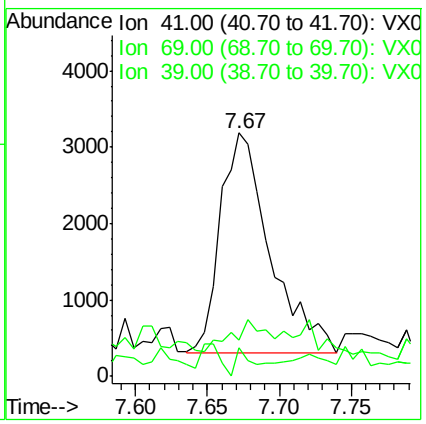


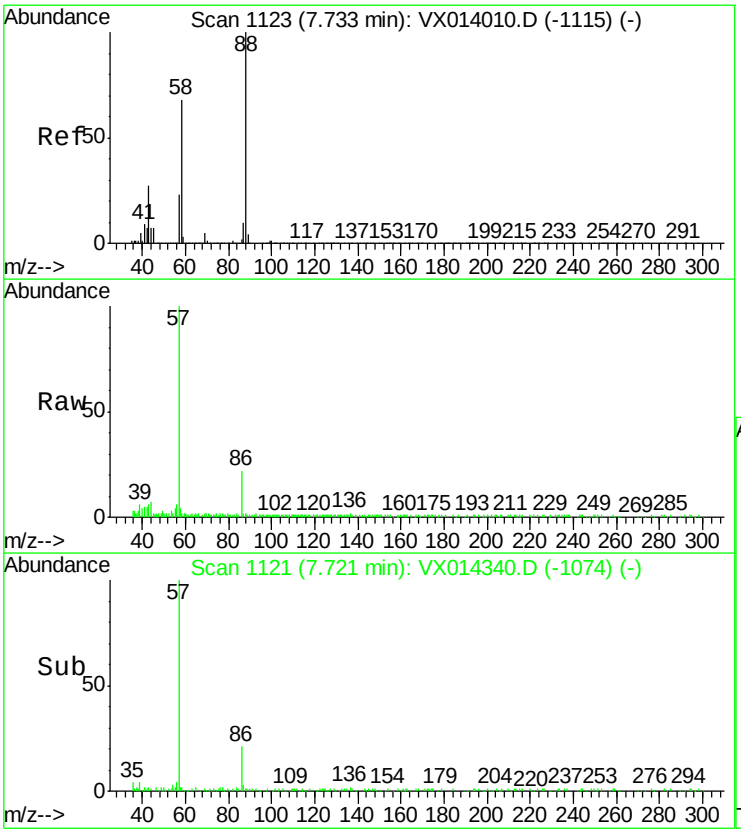
#48
Methyl methacrylate
Concen: 1.087 ug/l
RT: 7.67 min Scan# 1113
Delta R.T. -0.09 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument :
MSVOA_X
ClientSampleId :
K615-WC-1

Tgt Ion: 41 Resp: 6982

Ion	Ratio	Lower	Upper
41	100		
69	3.9	65.8	98.6#
39	0.0	44.6	67.0#

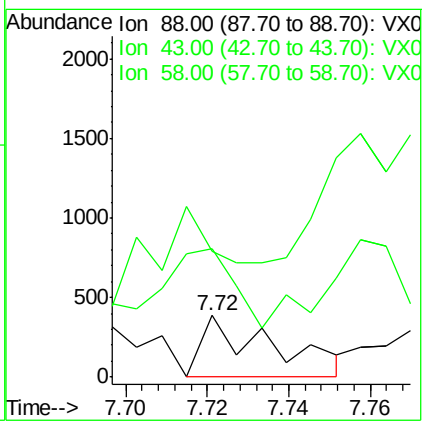


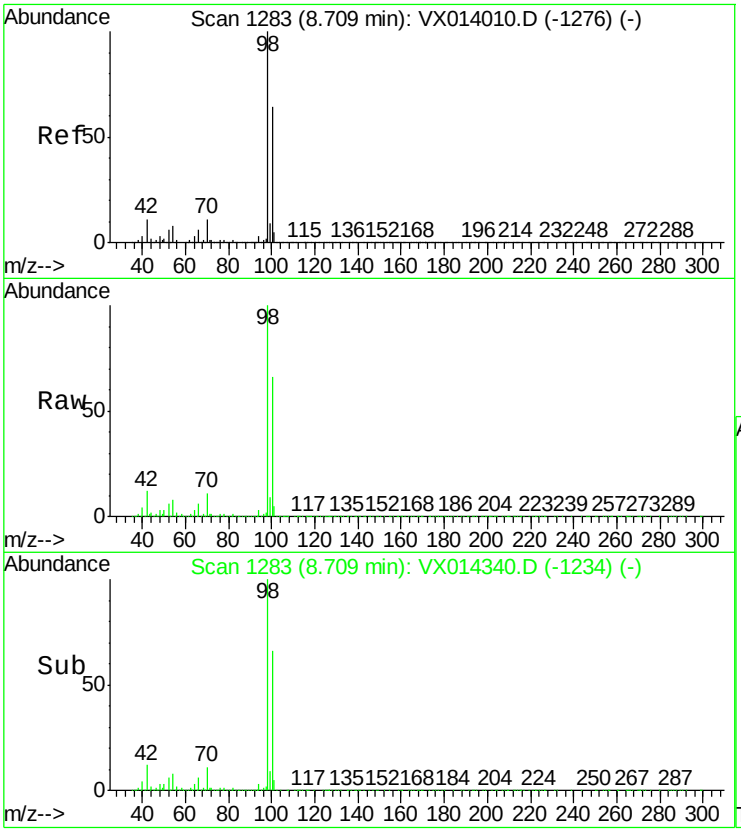


#49
1,4-Dioxane
Concen: 3.550 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion: 88 Resp: 464

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.5	39.7#
58	219.8	56.8	85.2#



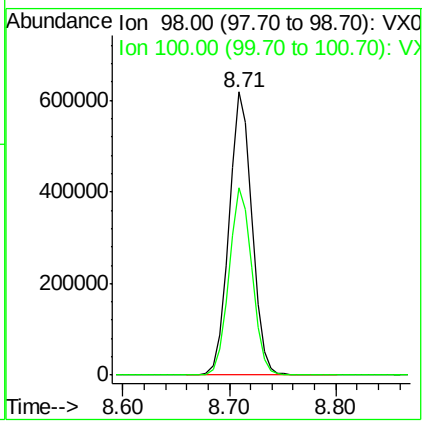


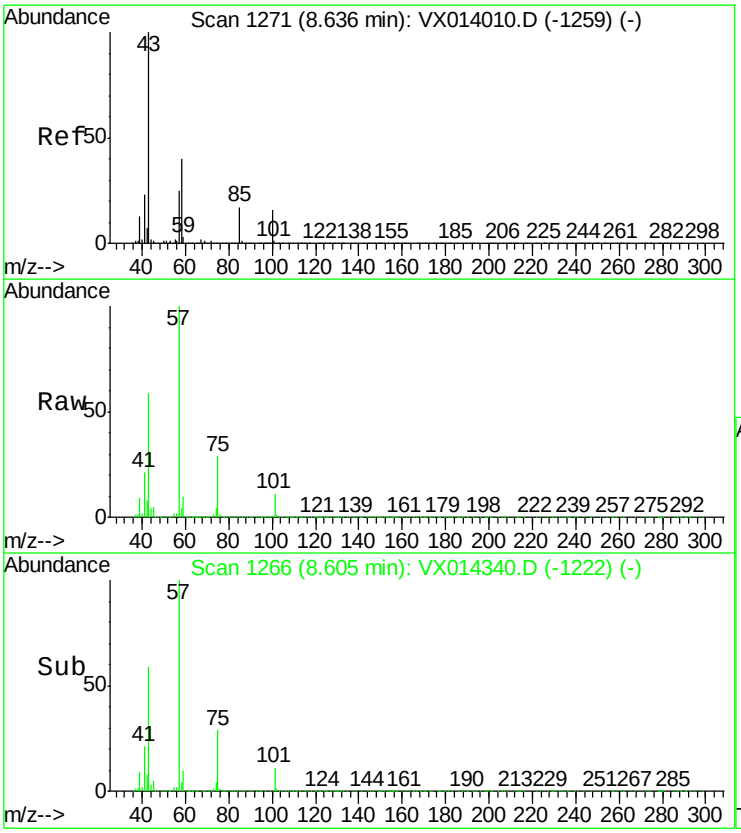
#50
Toluene-d8
Concen: 50.582 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument : MSVOA_X
ClientSampleId : K615-WC-1

Tgt Ion: 98 Resp: 936357

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.9	79.3

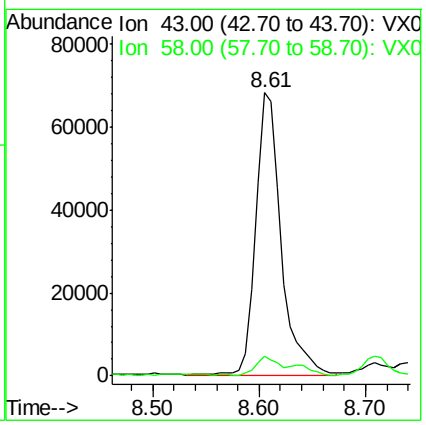


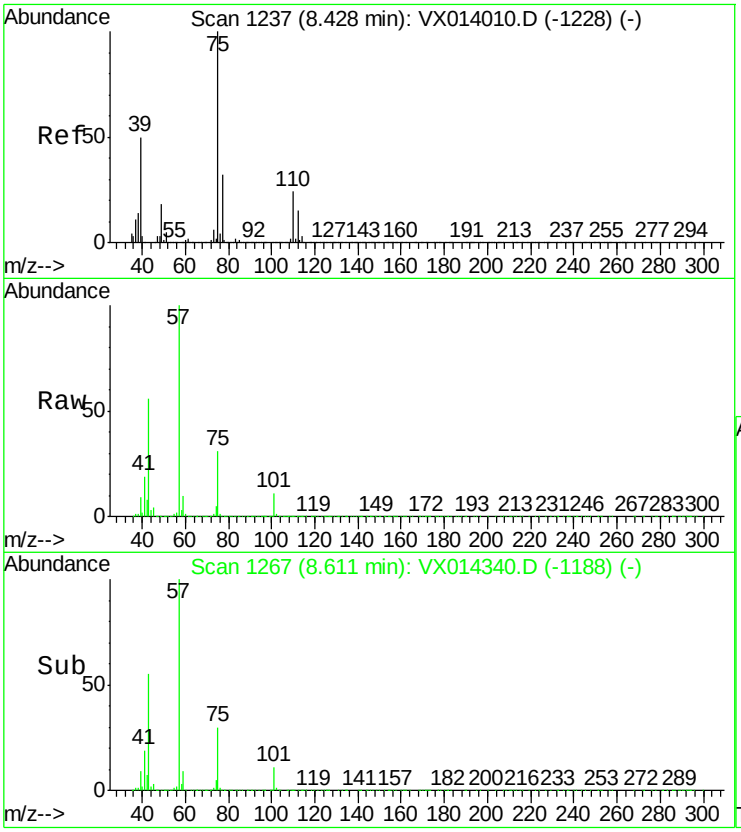


#51
4-Methyl-2-Pentanone
Concen: 13.782 ug/l
RT: 8.61 min Scan# 1266
Delta R.T. -0.03 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion: 43 Resp: 113523

Ion	Ratio	Lower	Upper
43	100		
58	6.4	32.2	48.2#



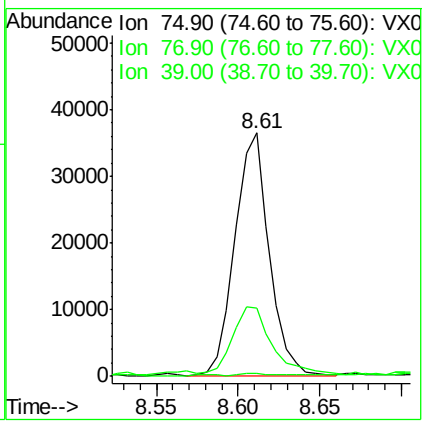


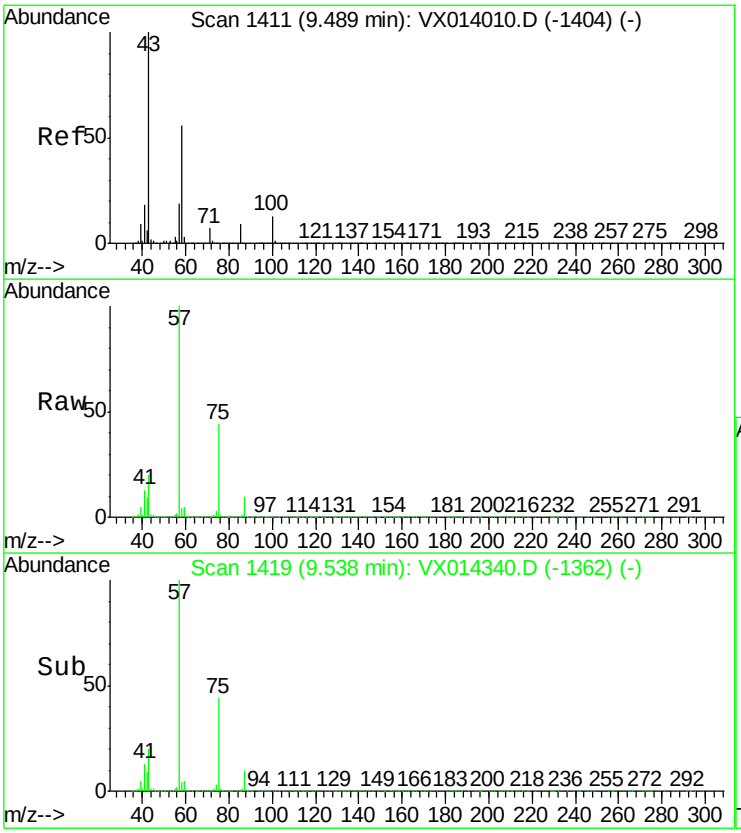
#54
cis-1,3-Dichloropropene
Concen: 6.177 ug/l
RT: 8.61 min Scan# 1267
Delta R.T. 0.18 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument : MSVOA_X
ClientSampleId : K615-WC-1

Tgt Ion: 75 Resp: 53182

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.3	37.9#
39	27.0	39.9	59.9#

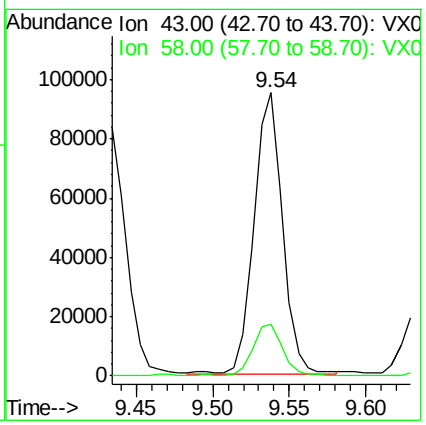


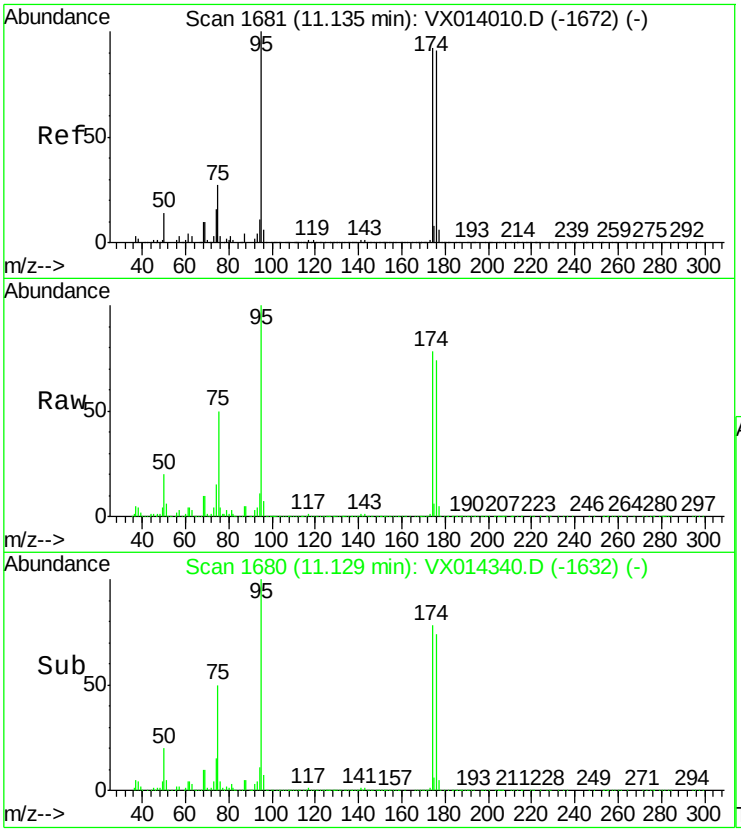


#59
2-Hexanone
Concen: 18.759 ug/l
RT: 9.54 min Scan# 1419
Delta R.T. 0.05 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion: 43 Resp: 124388

Ion	Ratio	Lower	Upper
43	100		
58	18.5	28.0	84.0#



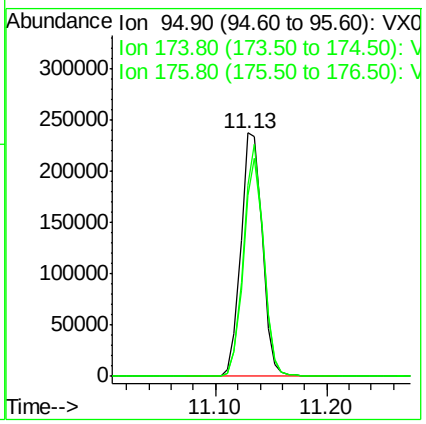


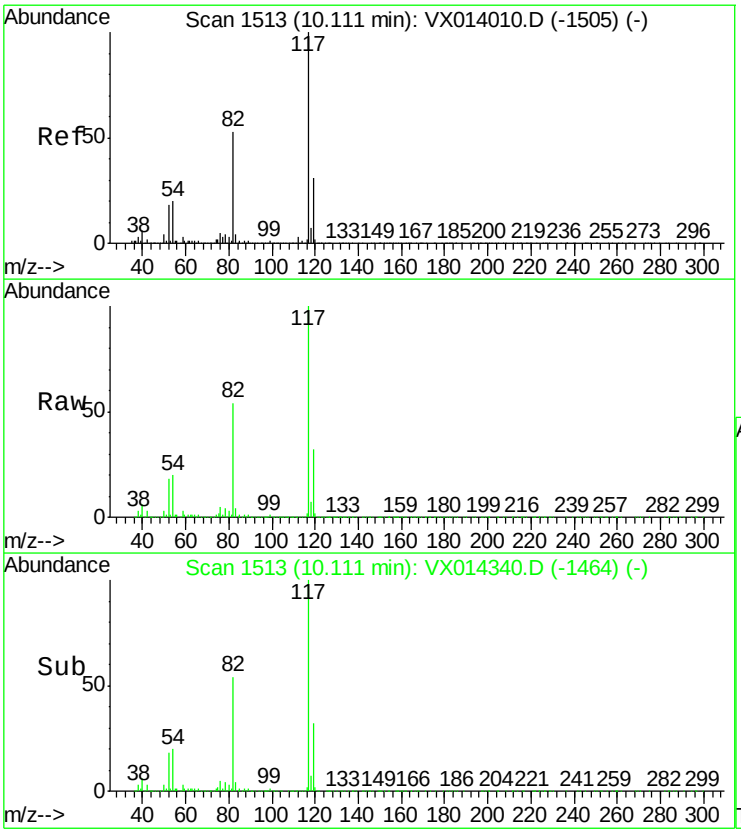
#62
4-Bromofluorobenzene
Concen: 46.790 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument :
MSVOA_X
ClientSampleId :
K615-WC-1

Tgt Ion: 95 Resp: 316618

Ion	Ratio	Lower	Upper
95	100		
174	88.6	0.0	175.8
176	84.8	0.0	173.0

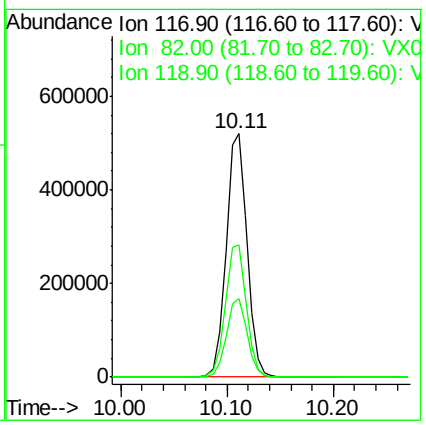


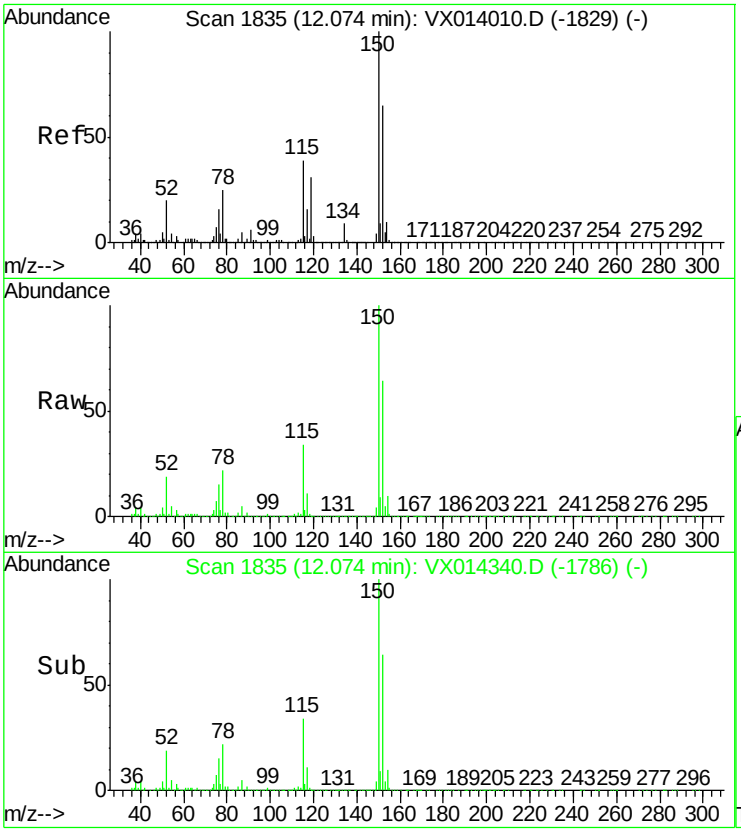


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion:117 Resp: 710983

Ion	Ratio	Lower	Upper
117	100		
82	54.4	42.2	63.4
119	32.4	25.1	37.7



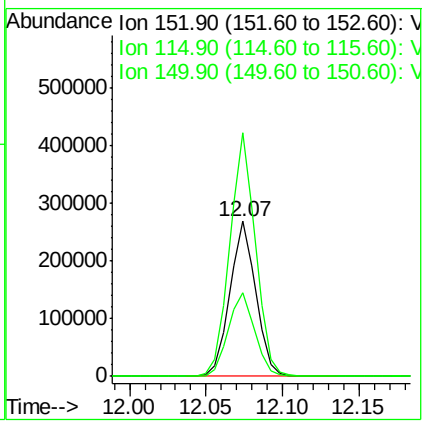


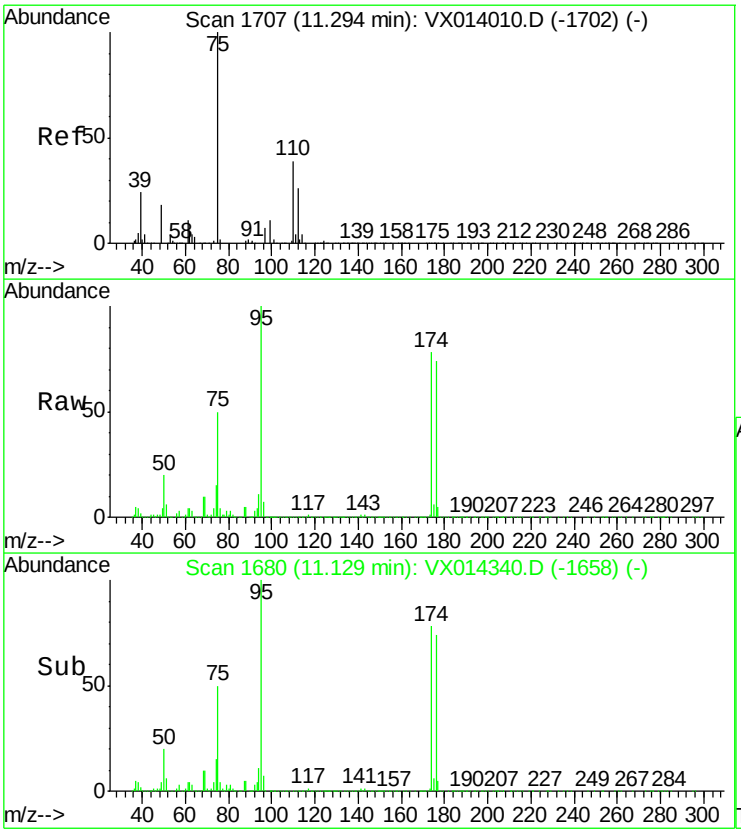
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument : MSVOA_X
ClientSampleId : K615-WC-1

Tgt Ion:152 Resp: 313314

Ion	Ratio	Lower	Upper
152	100		
115	55.4	38.3	114.9
150	156.0	0.0	345.4

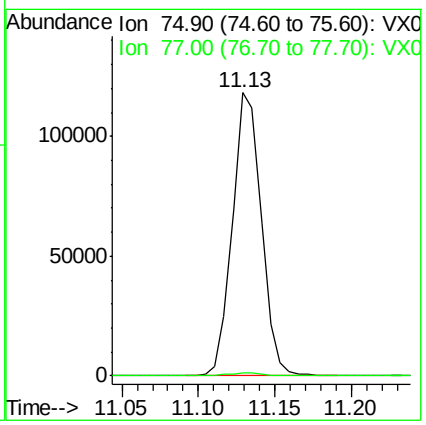


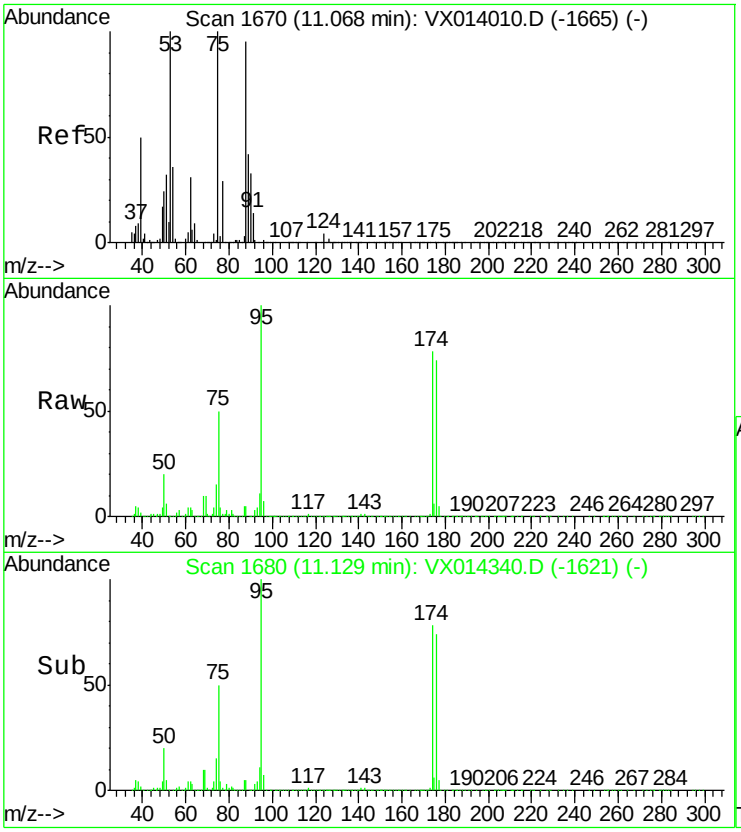


#76
1,2,3-Trichloropropane
Concen: 22.683 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion: 75 Resp: 154291

Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.3	57.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.024 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Instrument :
MSVOA_X
ClientSampleId :
K615-WC-1

Tgt Ion: 75 Resp: 154291

Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.7	115.1#
89	0.2	34.6	51.8#