Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122719\
Data File : VX014339.D
Acq On : 28 Dec 2019 04:10
Operator : JC/SP
Sample : K6441-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : K321-WC-02

Quant Time: Dec 30 05:46:10 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	524802	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.85	114	819359	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.11	117	743224	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	327668	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	293067	49.27	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.54%				
35) Dibromofluoromethane	5.49	113	241078	48.40	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.80%				
50) Toluene-d8	8.71	98	990807	51.09	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.18%				
62) 4-Bromofluorobenzene	11.13	95	334122	47.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.28%				
Target Compounds							Qvalue
5) Bromomethane	1.65	94	1031	0.218	ug/l		89
6) Chloroethane	1.55	64	950	0.232	ug/l	#	88
10) Methyl Iodide	2.51	142	635	2.713	ug/l	#	64
11) Tert butyl alcohol	3.00	59	1963	1.527	ug/l		99
13) Acrolein	2.28	56	277	0.377	ug/l		87
15) Acrylonitrile	3.13	53	664	0.221	ug/l	#	59
16) Acetone	2.44	43	22209	5.751	ug/l		100
17) Carbon Disulfide	2.57	76	1986	0.890	ug/l	#	1
18) Methyl Acetate	2.76	43	5019	0.656	ug/l		91
20) Methylene Chloride	2.85	84	15962	2.625	ug/l	#	87
25) 2-Butanone	4.67	43	2795	0.587	ug/l	#	59
28) Bromochloromethane	5.00	49	187	0.502	ug/l	#	8
29) Tetrahydrofuran	5.12	42	1211	0.455	ug/l	#	75
31) Cyclohexane	5.64	56	8968	1.009	ug/l	#	1
36) 1,1-Dichloropropene	5.65	75	36292	4.827	ug/l	#	48
38) Carbon Tetrachloride	5.65	117	46557	6.798	ug/l	#	18
43) Isopropyl Acetate	6.43	43	120672	8.783	ug/l		98
48) Methyl methacrylate	7.68	41	6627	0.985	ug/l	#	21
49) 1,4-Dioxane	7.75	88	709	5.178	ug/l	#	18
51) 4-Methyl-2-Pentanone	8.61	43	113572	13.162	ug/l	#	50
54) cis-1,3-Dichloropropene	8.61	75	52843	5.859	ug/l	#	57
59) 2-Hexanone	9.54	43	125086	18.008	ug/l	#	51
76) 1,2,3-Trichloropropane	11.13	75	160314	22.536	ug/l	#	39
81) trans-1,4-Dichloro-2-buten	11.13	75	160314	63.609	ug/l	#	12

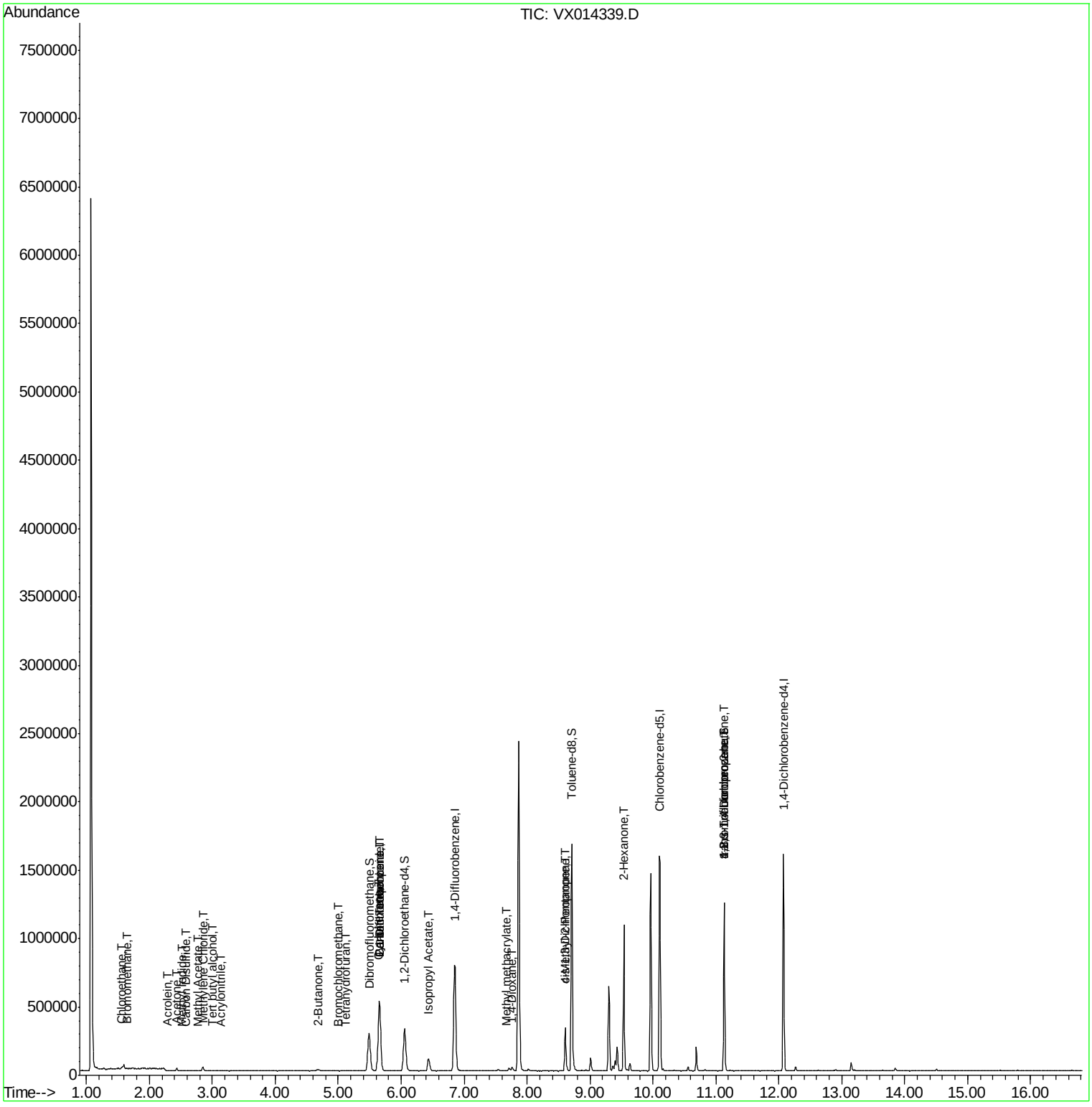
(#) = qualifier out of range (m) = manual integration (+) = signals summed

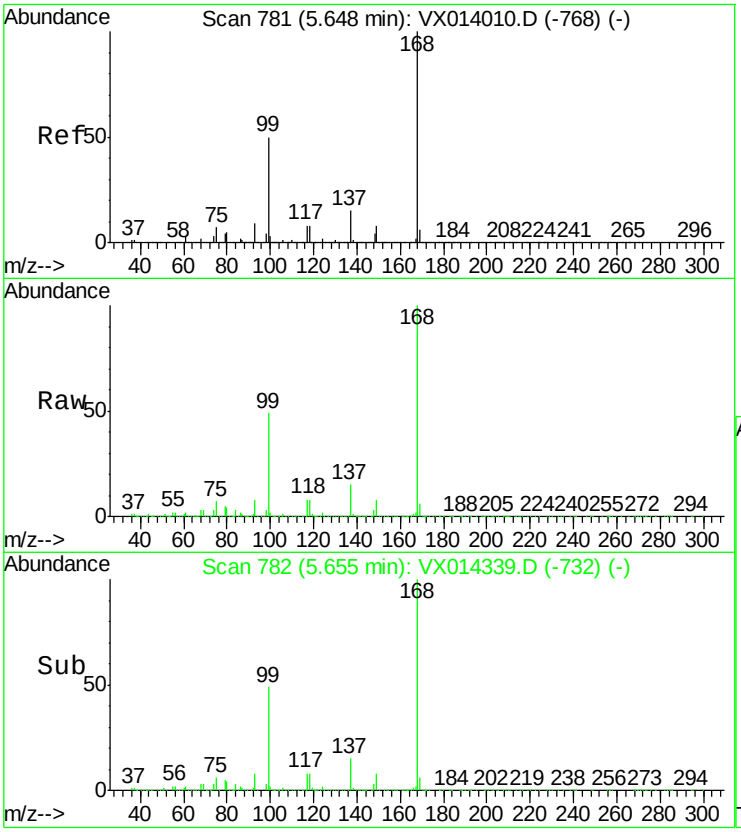
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122719\
Data File : VX014339.D
Acq On : 28 Dec 2019 04:10
Operator : JC/SP
Sample : K6441-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
K321-WC-02

Quant Time: Dec 30 05:46:10 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



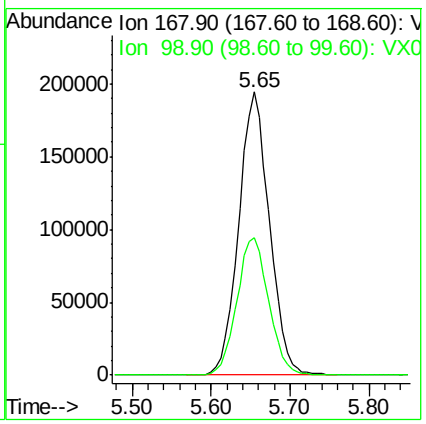


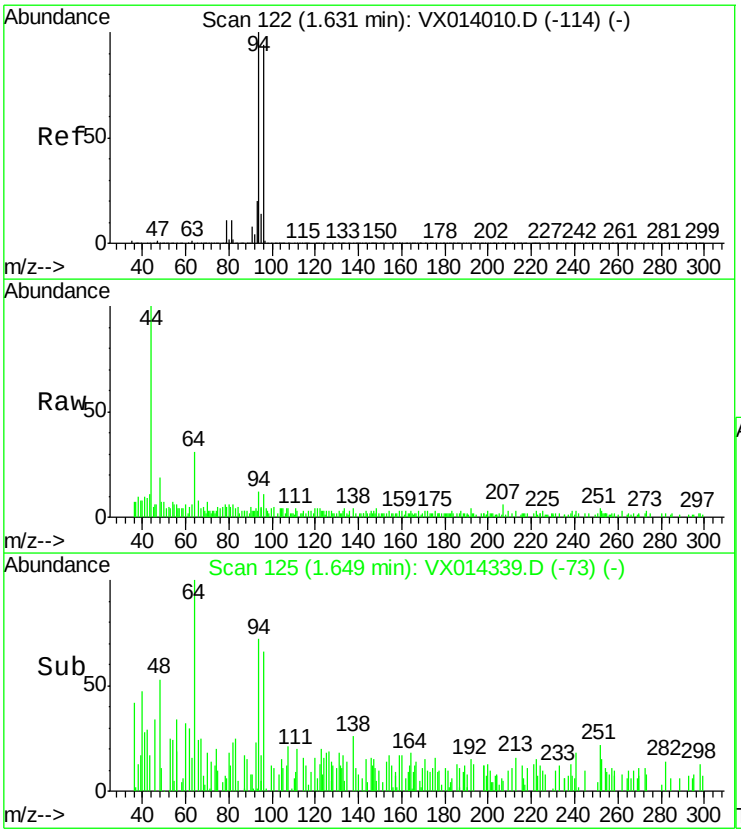
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
K321-WC-02

Tgt Ion:168 Resp: 524802

Ion	Ratio	Lower	Upper
168	100		
99	48.6	40.3	60.5

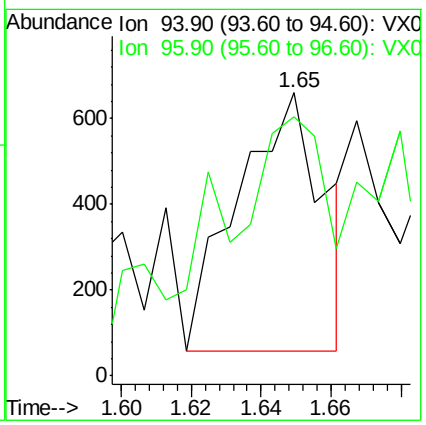


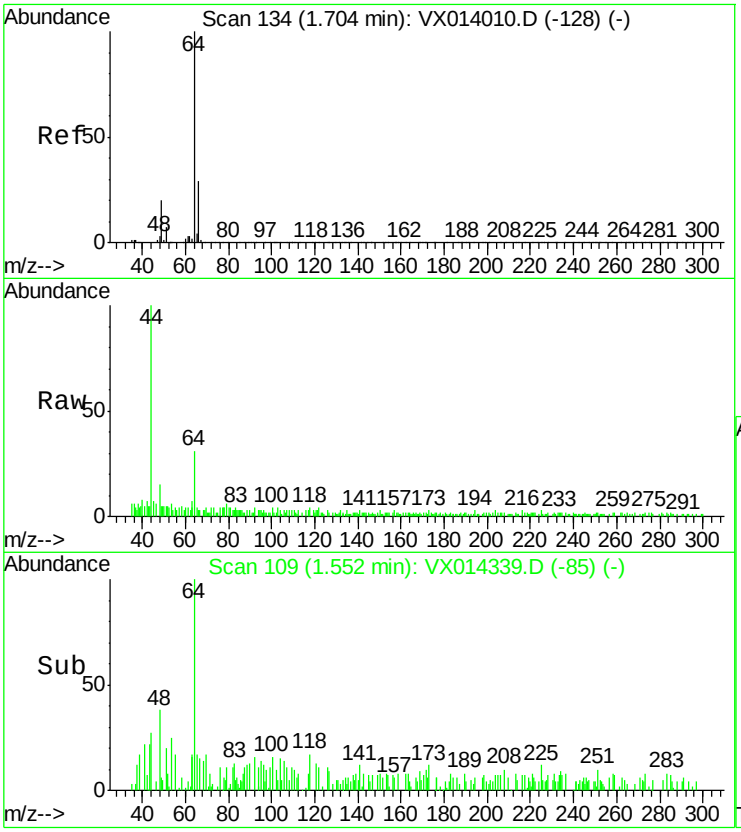


#5
Bromomethane
Concen: 0.218 ug/l
RT: 1.65 min Scan# 125
Delta R.T. 0.02 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion: 94 Resp: 1031

Ion	Ratio	Lower	Upper
94	100		
96	83.2	75.2	112.8



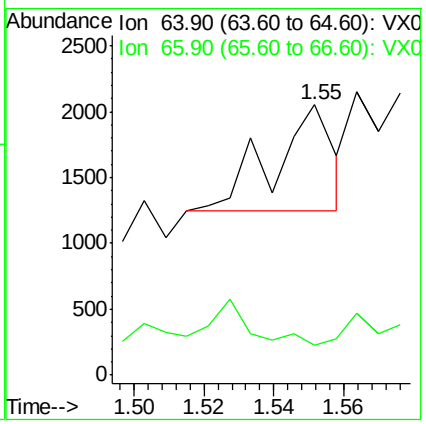


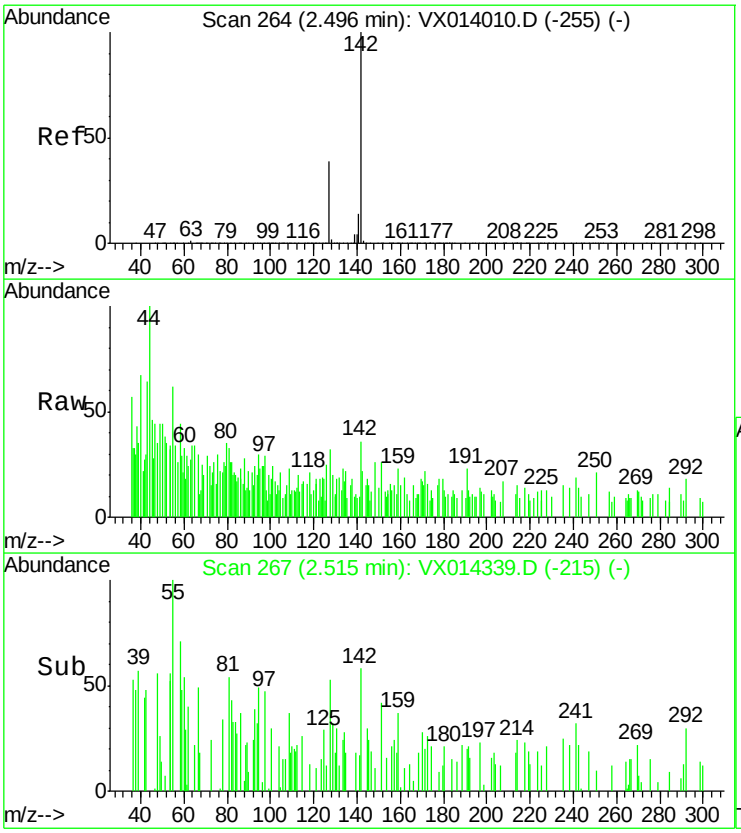
#6
Chloroethane
Concen: 0.232 ug/l
RT: 1.55 min Scan# 109
Delta R.T. -0.15 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
K321-WC-02

Tgt Ion: 64 Resp: 950

Ion	Ratio	Lower	Upper
64	100		
66	22.6	23.4	35.2#

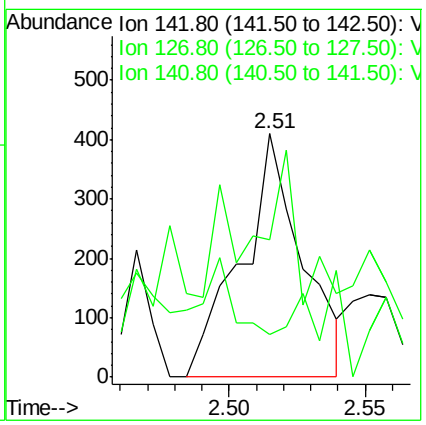


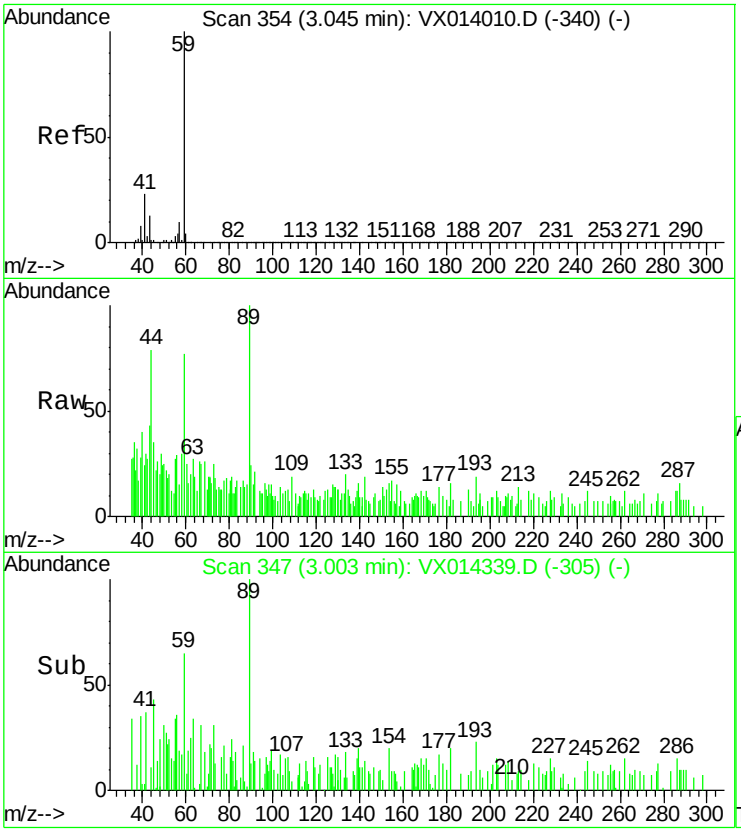


#10
Methyl Iodide
Concen: 2.713 ug/l
RT: 2.51 min Scan# 267
Delta R.T. 0.02 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion:142 Resp: 635

Ion	Ratio	Lower	Upper
142	100		
127	17.5	31.6	47.4#
141	0.0	11.6	17.4#



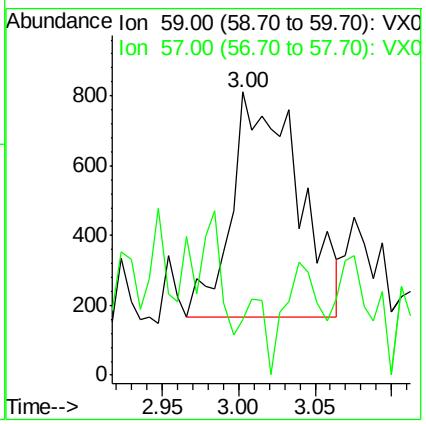


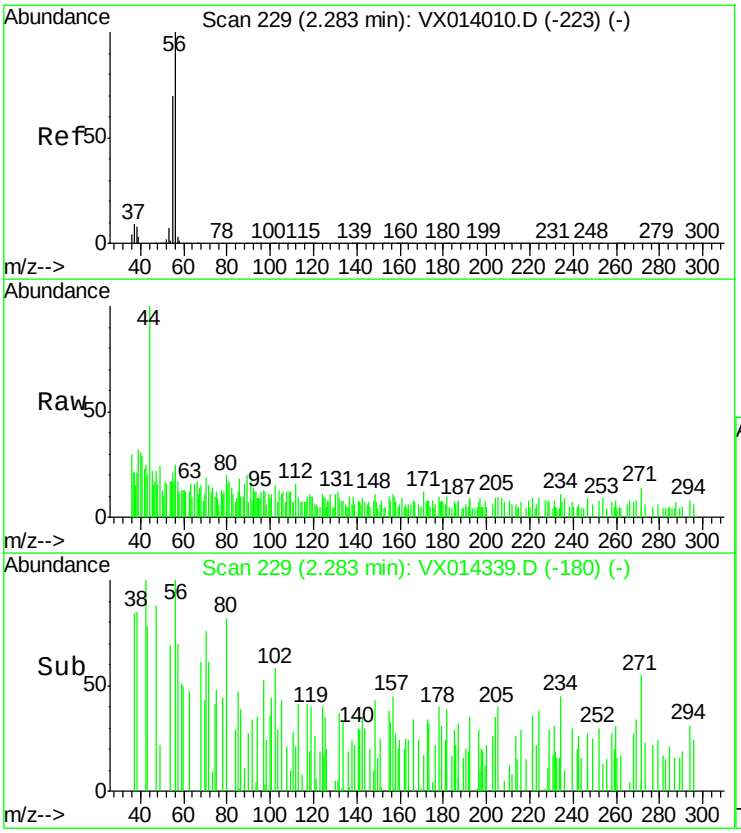
#11
Tert butyl alcohol
Concen: 1.527 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument : MSVOA_X
ClientSampleId : K321-WC-02

Tgt Ion: 59 Resp: 1963

Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.4	12.6

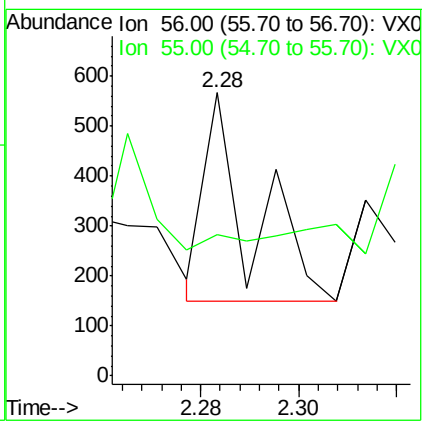


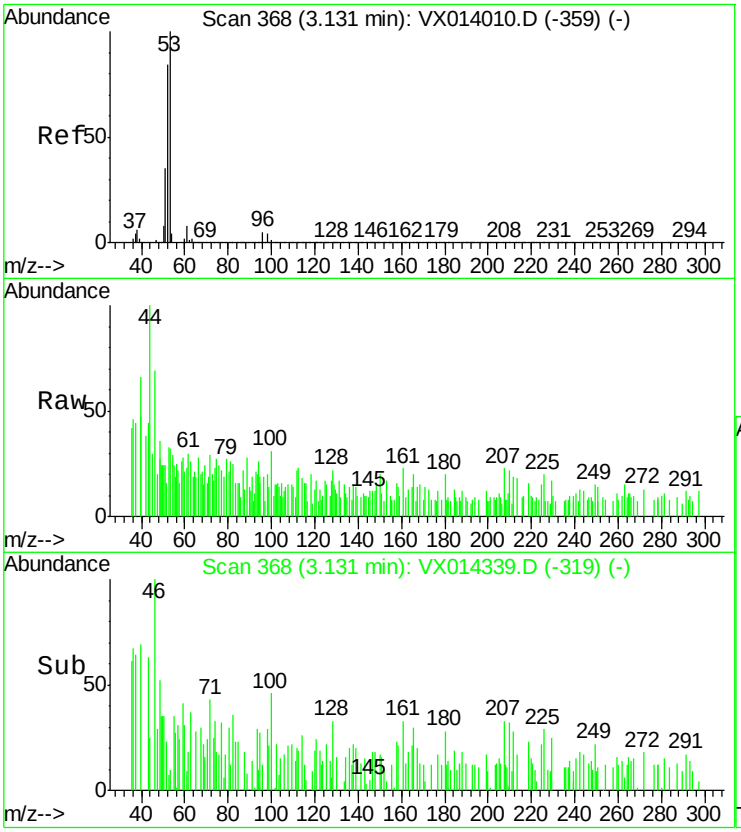


#13
Acrolein
Concen: 0.377 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion: 56 Resp: 277

Ion	Ratio	Lower	Upper
56	100		
55	60.6	56.9	85.3



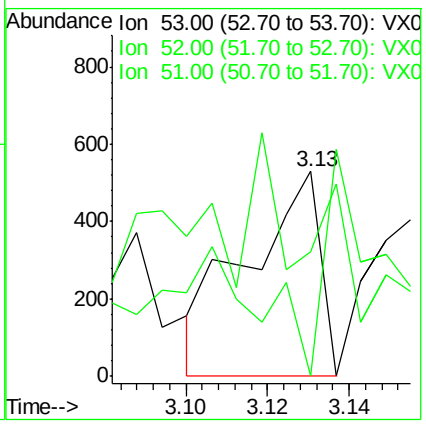


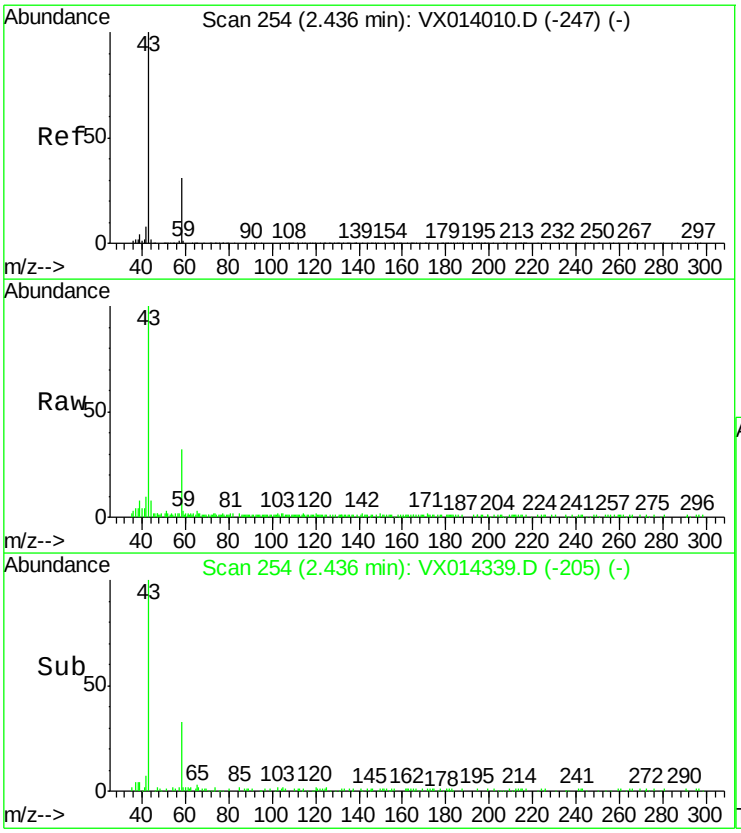
#15
Acrylonitrile
Concen: 0.221 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
K321-WC-02

Tgt Ion: 53 Resp: 664

Ion	Ratio	Lower	Upper
53	100		
52	53.9	66.5	99.7#
51	0.0	28.1	42.1#

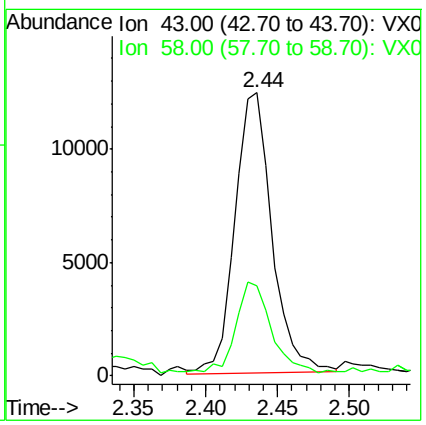


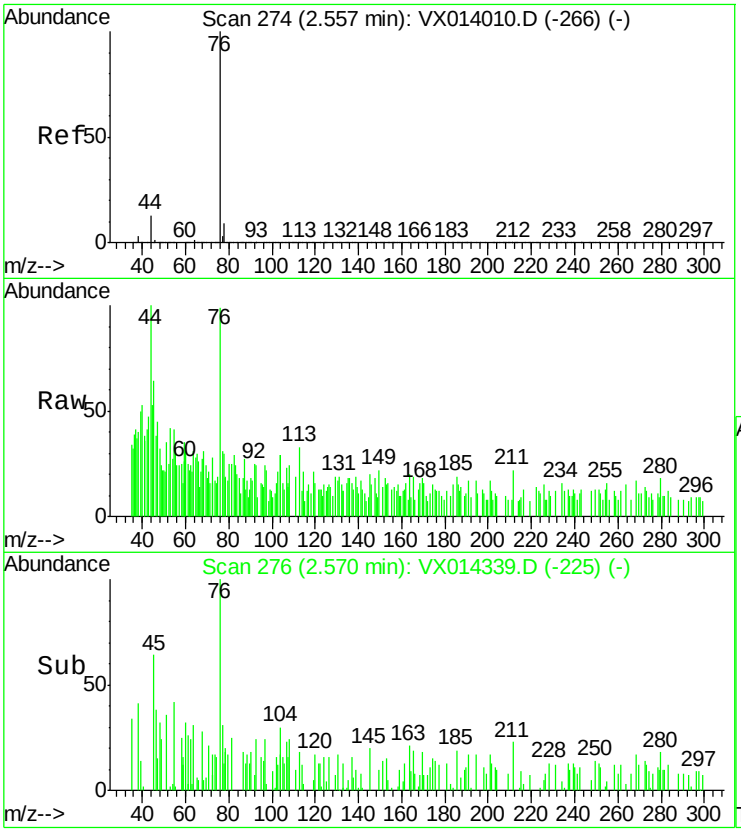


#16
Acetone
Concen: 5.751 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion: 43 Resp: 22209

Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.9	37.3



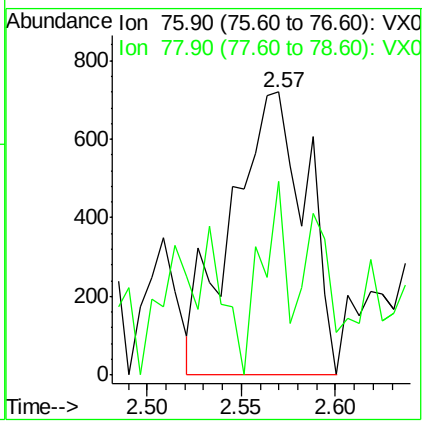


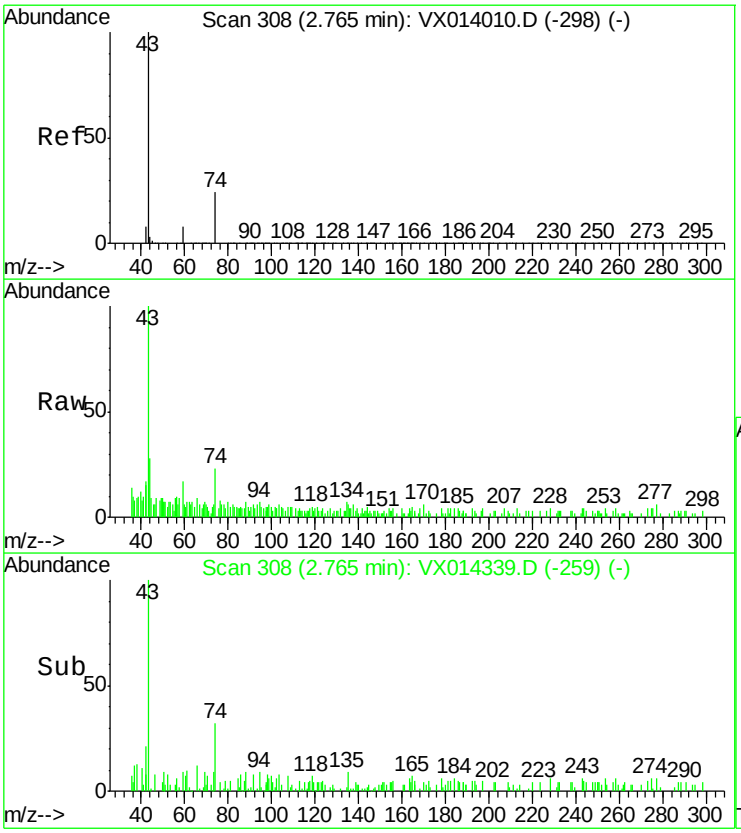
#17
Carbon Disulfide
Concen: 0.890 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument : MSVOA_X
ClientSampleId : K321-WC-02

Tgt Ion: 76 Resp: 1986

Ion	Ratio	Lower	Upper
76	100		
78	61.5	7.2	10.8#

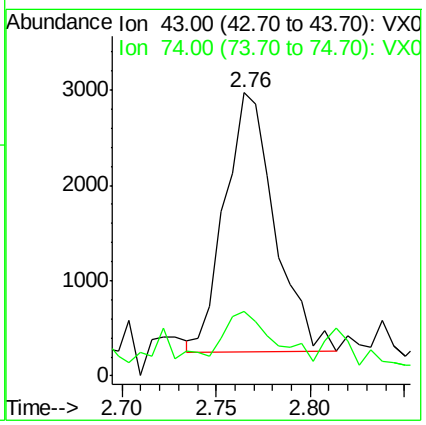


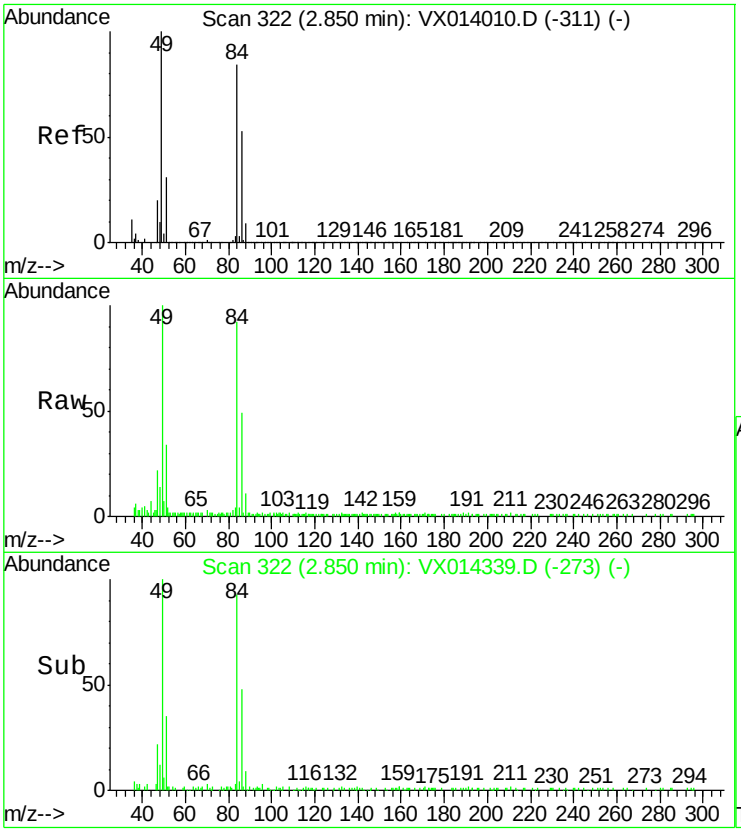


#18
Methyl Acetate
Concen: 0.656 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion: 43 Resp: 5019

Ion	Ratio	Lower	Upper
43	100		
74	19.9	19.5	29.3



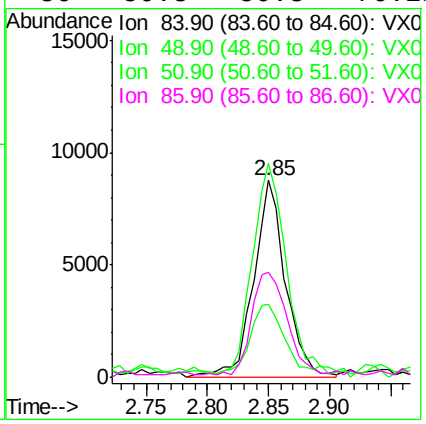


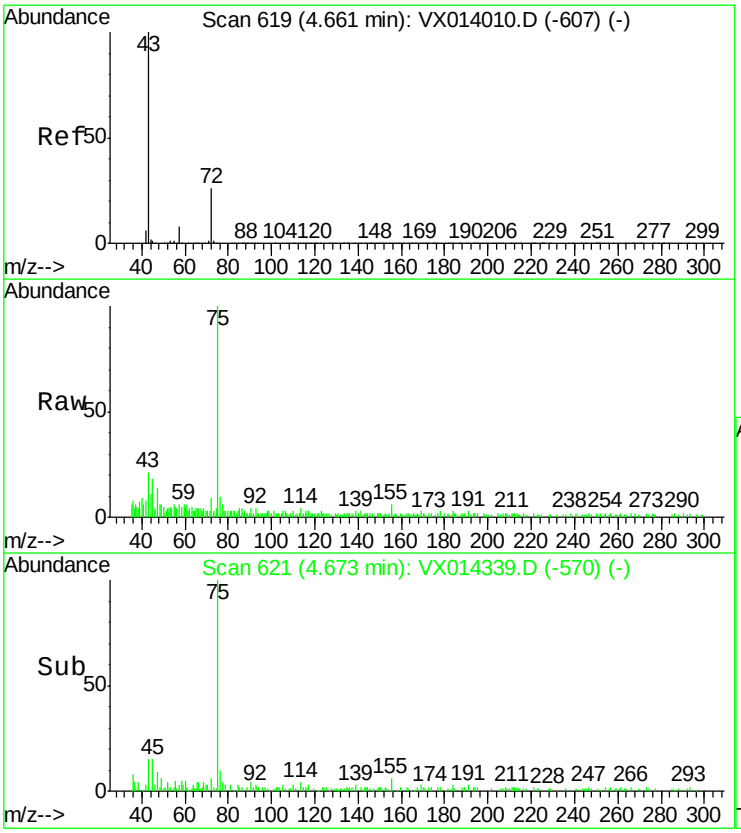
#20
Methylene Chloride
Concen: 2.625 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
K321-WC-02

Tgt Ion: 84 Resp: 15962

Ion	Ratio	Lower	Upper
84	100		
49	105.2	95.8	143.6
51	34.5	29.8	44.8
86	50.3	50.8	76.2#

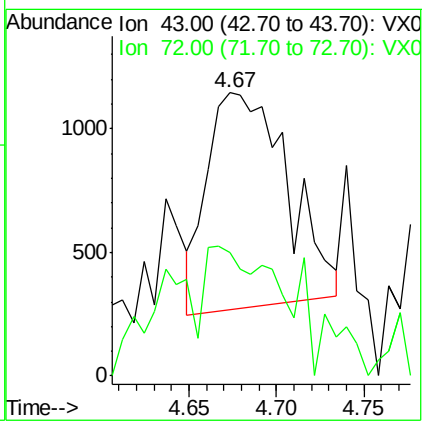


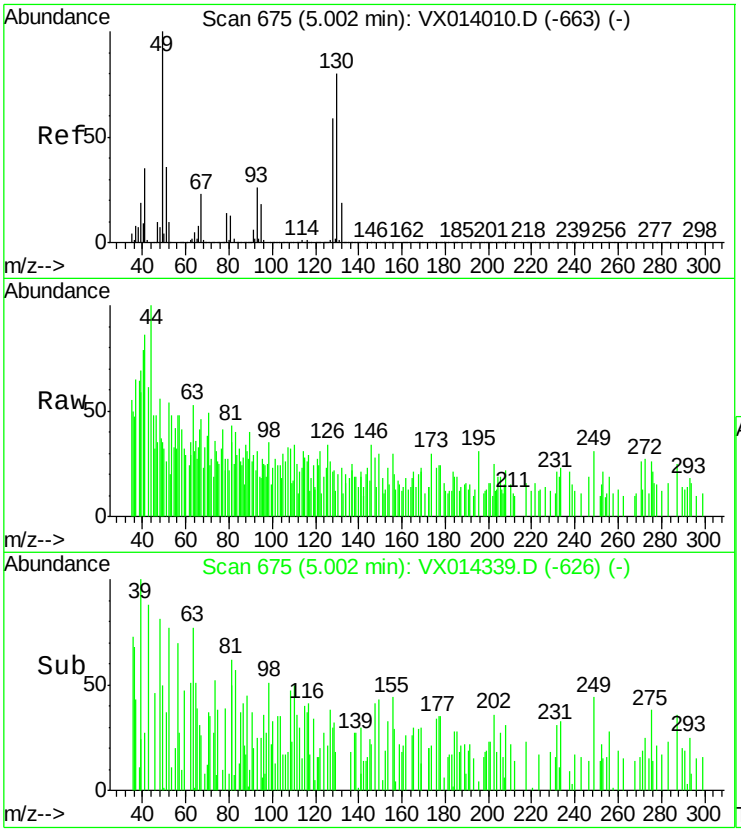


#25
2-Butanone
Concen: 0.587 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.01 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion: 43 Resp: 2795

Ion	Ratio	Lower	Upper
43	100		
72	47.4	21.0	31.4#



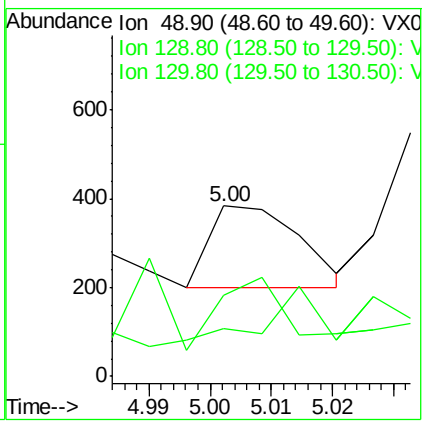


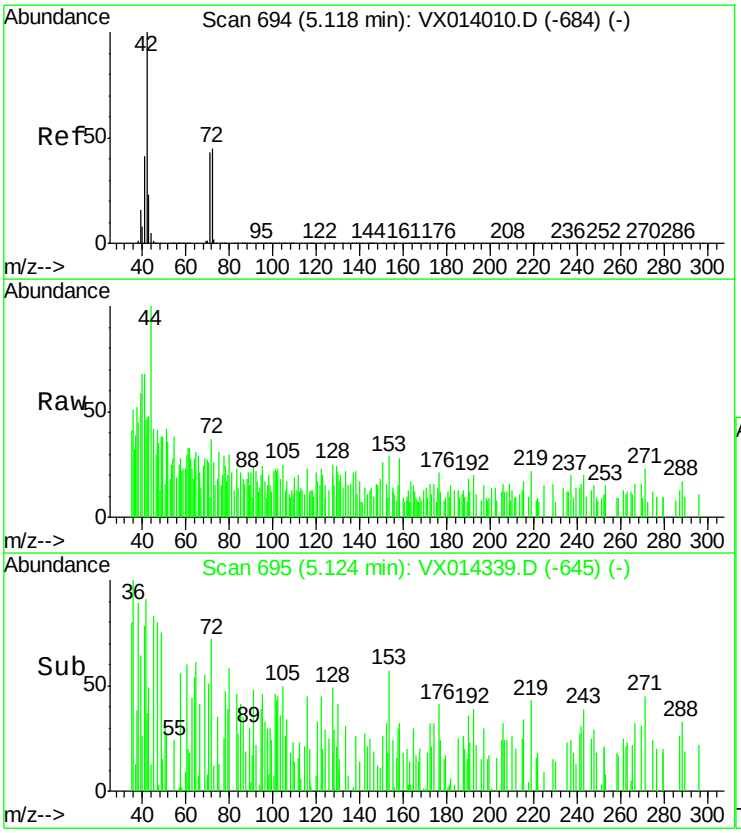
#28
Bromochloromethane
Concen: 0.502 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument : MSVOA_X
ClientSampleId : K321-WC-02

Tgt Ion: 49 Resp: 187

Ion	Ratio	Lower	Upper
49	100		
129	47.6	0.0	5.0#
130	0.0	64.6	97.0#

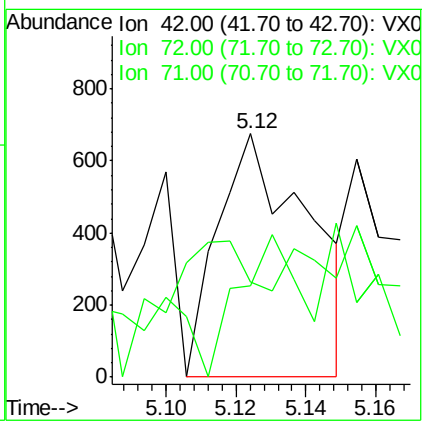


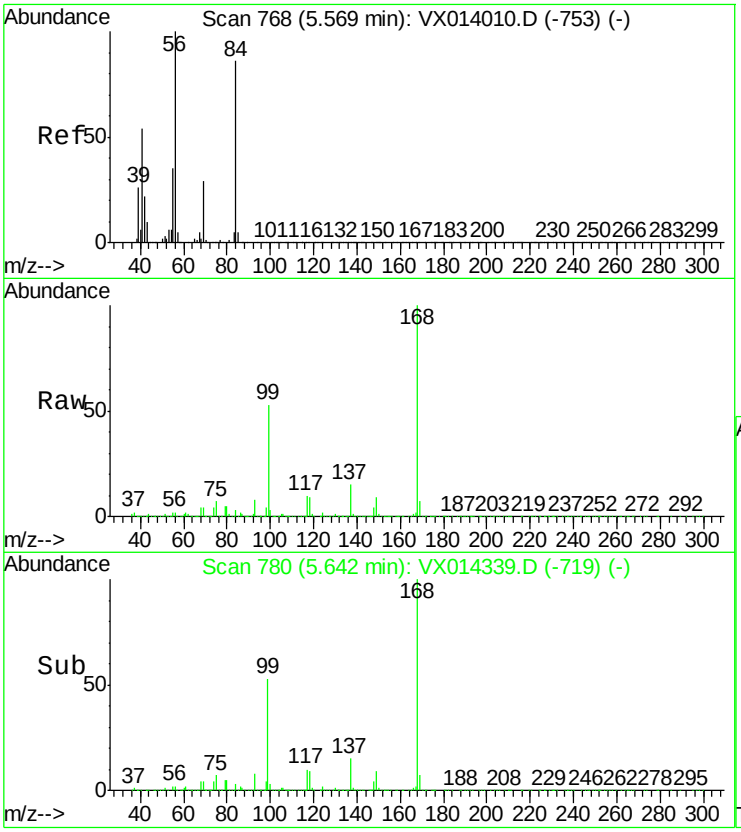


#29
Tetrahydrofuran
Concen: 0.455 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion: 42 Resp: 1211

Ion	Ratio	Lower	Upper
42	100		
72	14.9	35.8	53.8#
71	39.9	33.6	50.4



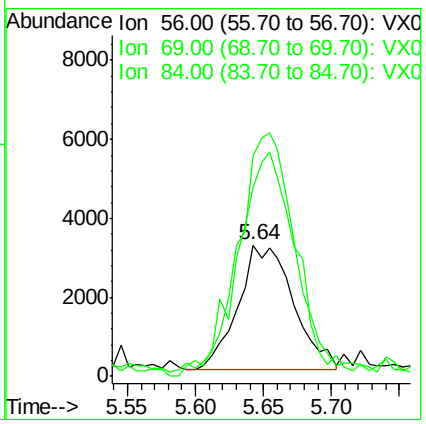


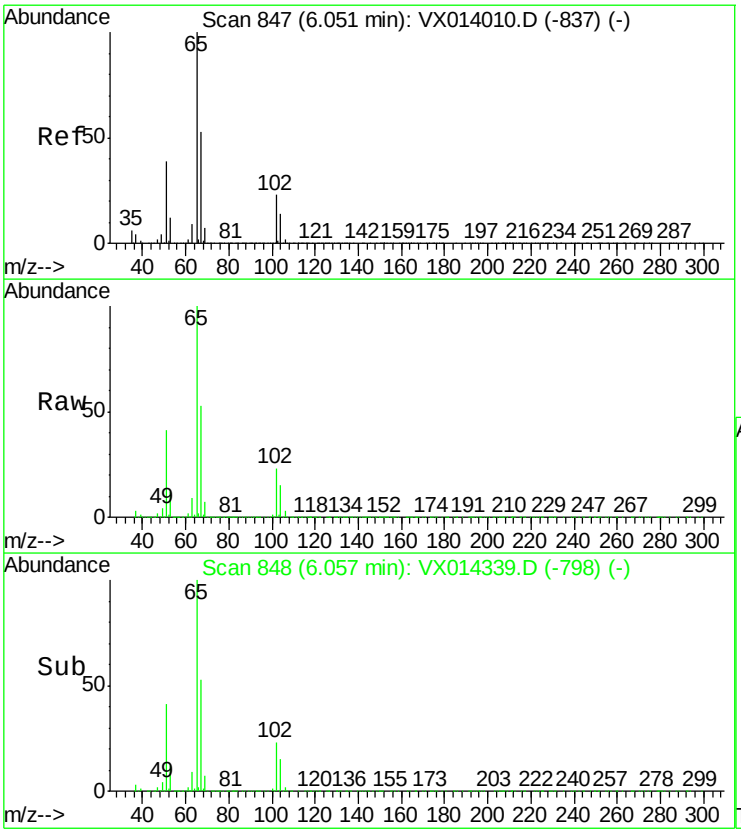
#31
Cyclohexane
Concen: 1.009 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument : MSVOA_X
ClientSampleId : K321-WC-02

Tgt Ion: 56 Resp: 8968

Ion	Ratio	Lower	Upper
56	100		
69	175.2	23.2	34.8#
84	146.0	69.2	103.8#

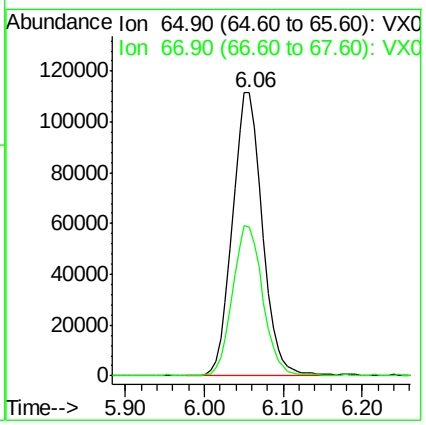


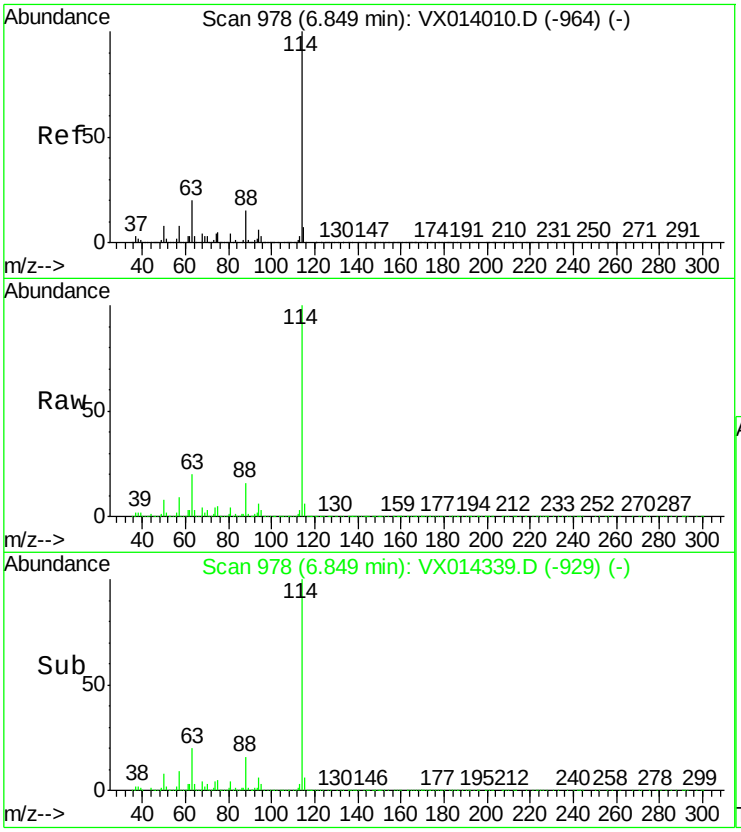


#33
1,2-Dichloroethane-d4
Concen: 49.272 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion: 65 Resp: 293067

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.4



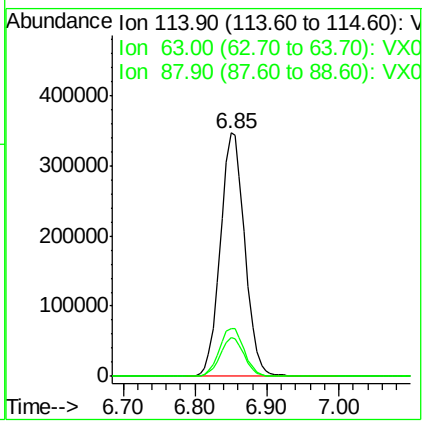


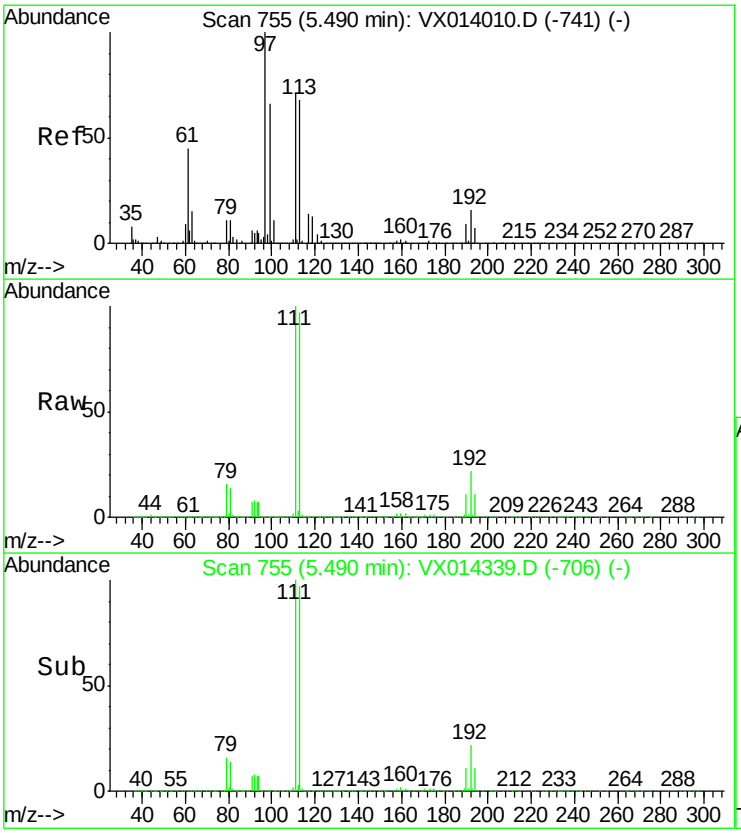
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
K321-WC-02

Tgt Ion:114 Resp: 819359

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.8
88	15.8	0.0	30.4

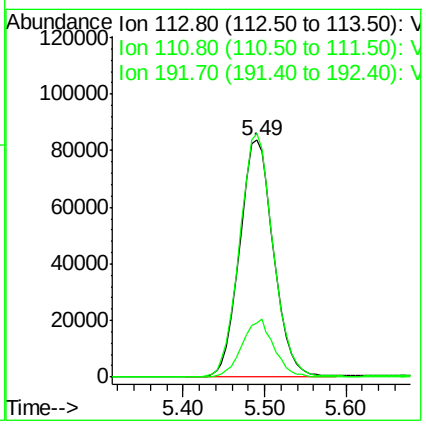


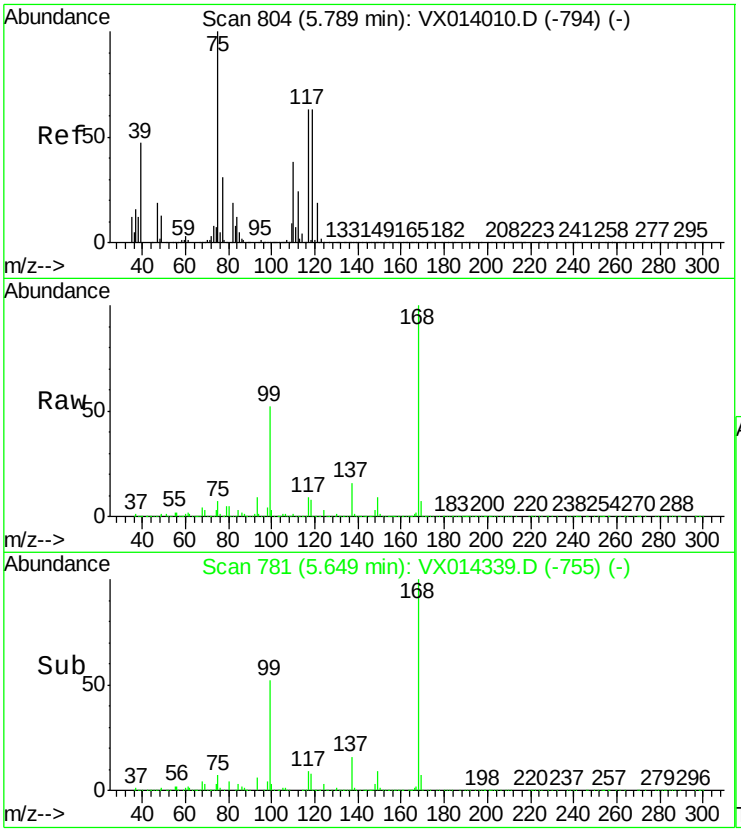


#35
Dibromofluoromethane
Concen: 48.401 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion:113 Resp: 241078

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.3	19.3	28.9



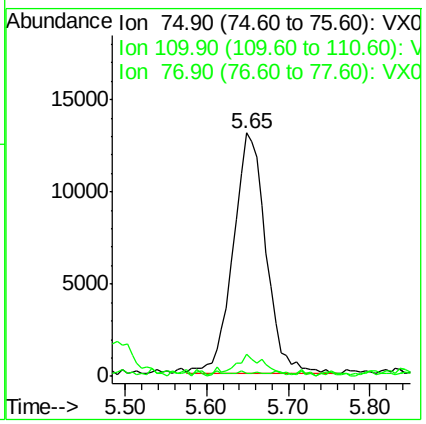


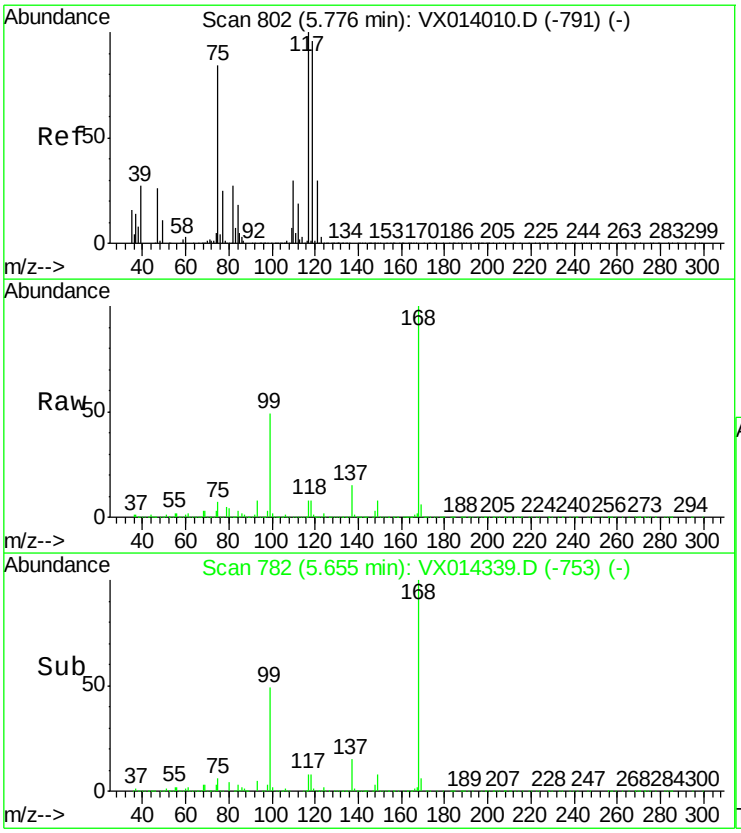
#36
1,1-Dichloropropene
Concen: 4.827 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument : MSVOA_X
ClientSampleId : K321-WC-02

Tgt Ion: 75 Resp: 36292

Ion	Ratio	Lower	Upper
75	100		
110	7.5	18.3	54.9#
77	0.7	24.8	37.2#

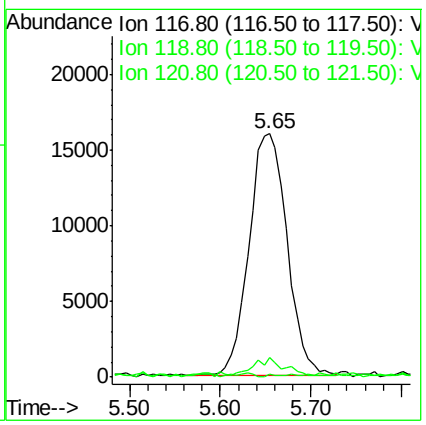


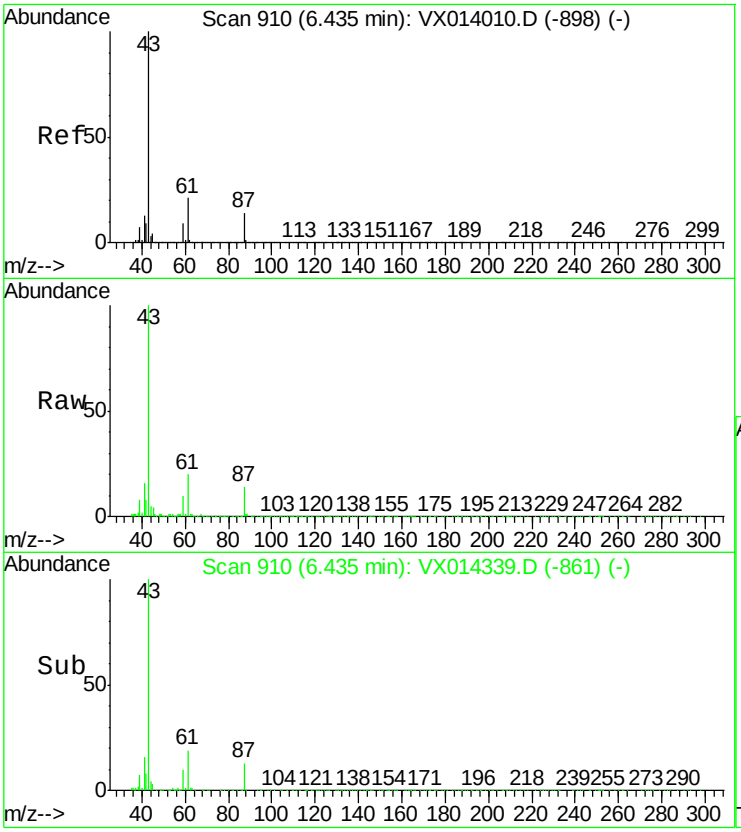


#38
Carbon Tetrachloride
Concen: 6.798 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion:117 Resp: 46557

Ion	Ratio	Lower	Upper
117	100		
119	7.5	76.2	114.4#
121	0.3	23.6	35.4#



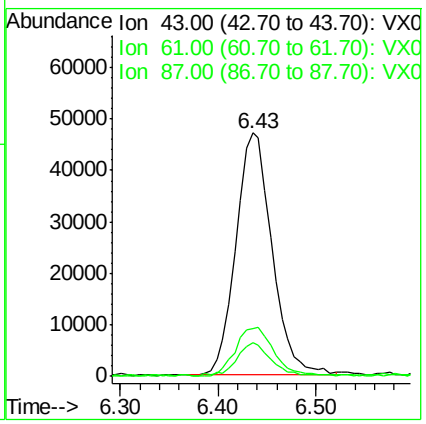


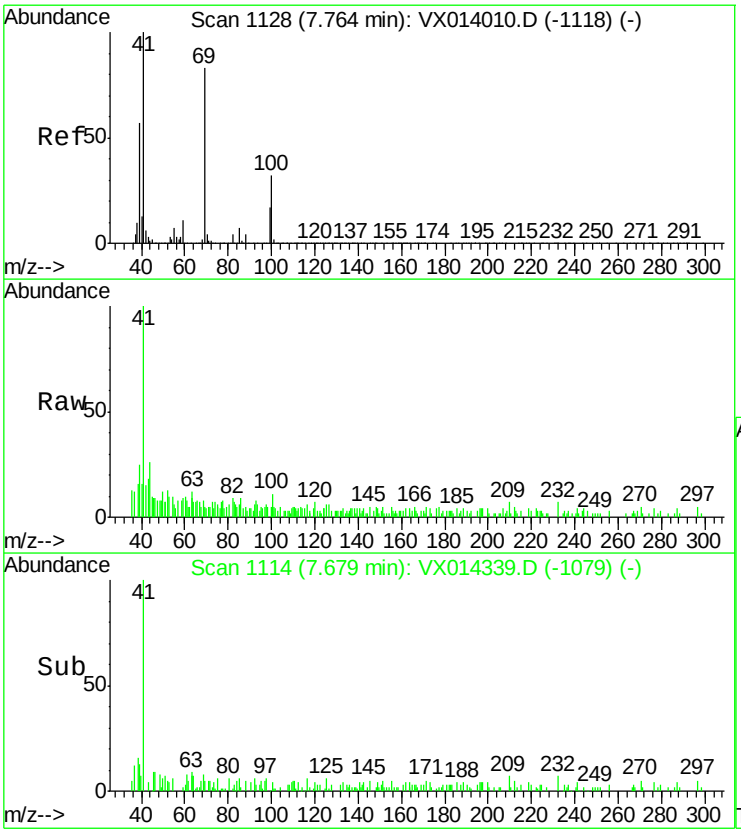
#43
Isopropyl Acetate
Concen: 8.783 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
K321-WC-02

Tgt Ion: 43 Resp: 120672

Ion	Ratio	Lower	Upper
43	100		
61	22.1	16.4	24.6
87	13.1	10.7	16.1

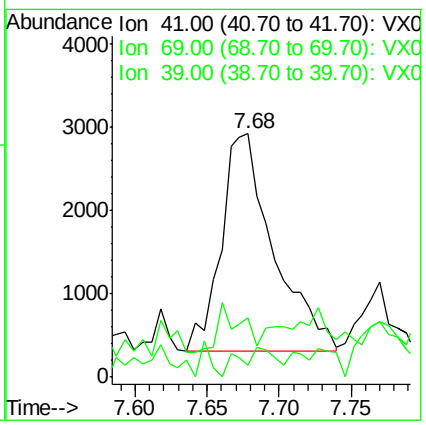


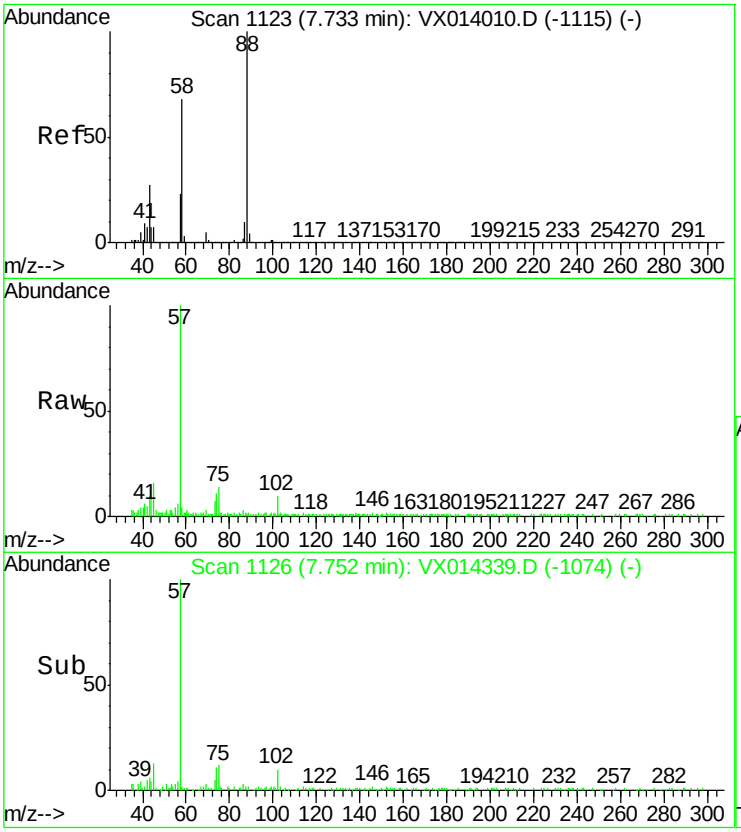


#48
Methyl methacrylate
Concen: 0.985 ug/l
RT: 7.68 min Scan# 1114
Delta R.T. -0.09 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion: 41 Resp: 6627

Ion	Ratio	Lower	Upper
41	100		
69	9.5	65.8	98.6#
39	0.0	44.6	67.0#



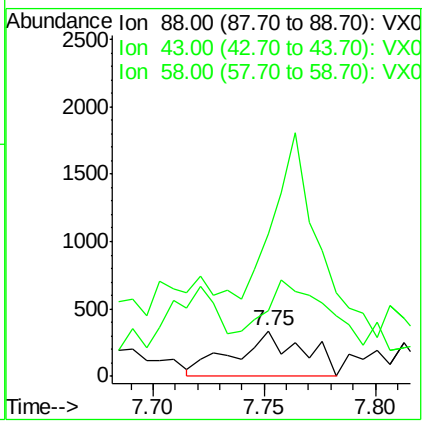


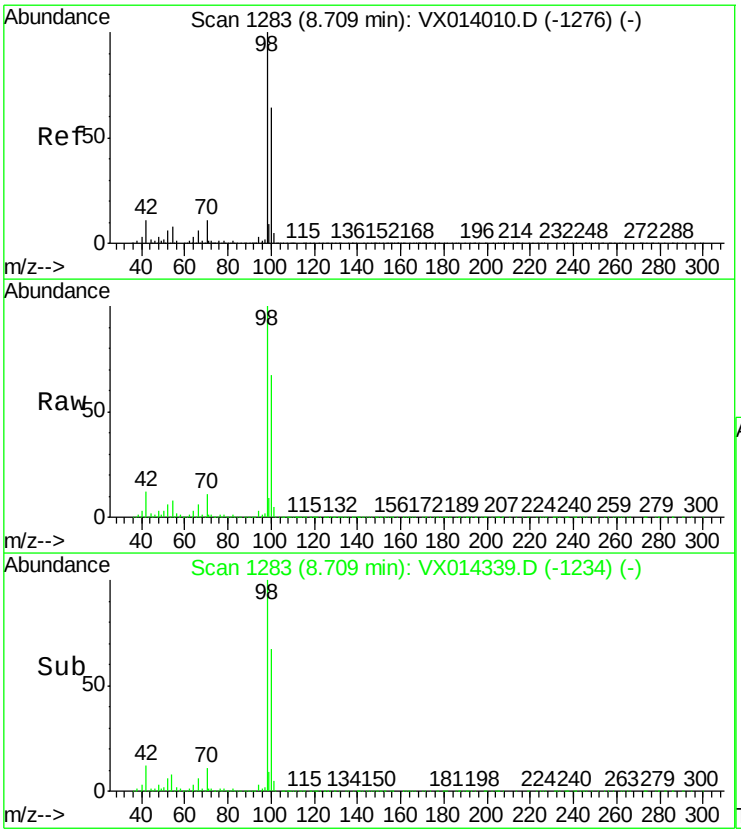
#49
1,4-Dioxane
Concen: 5.178 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.02 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument : MSVOA_X
ClientSampleId : K321-WC-02

Tgt Ion: 88 Resp: 709

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.5	39.7#
58	147.8	56.8	85.2#

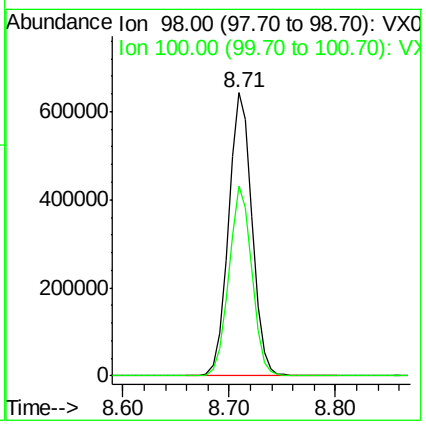


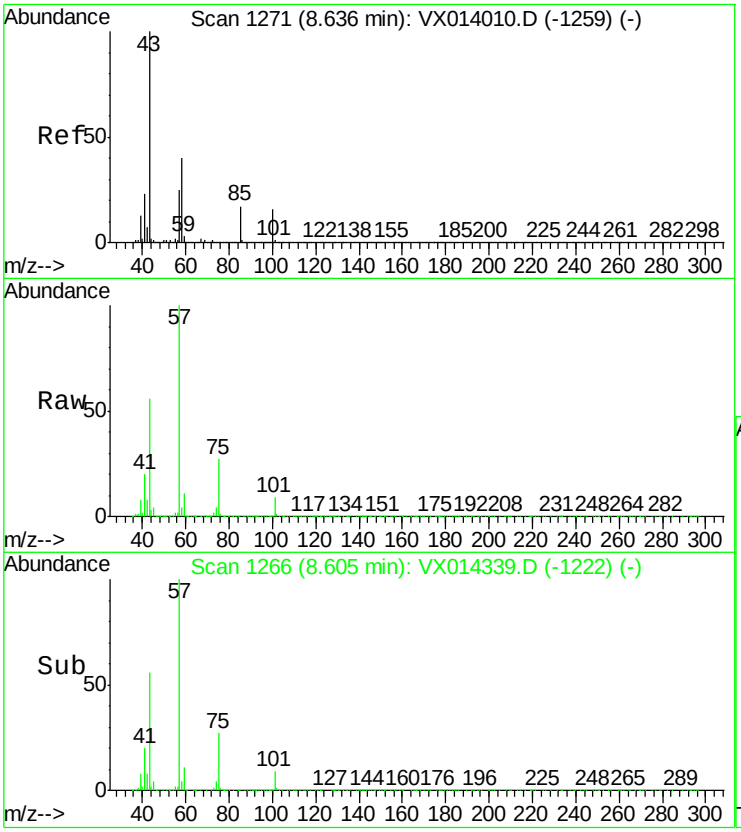


#50
Toluene-d8
Concen: 51.095 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion: 98 Resp: 990807

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.9	79.3



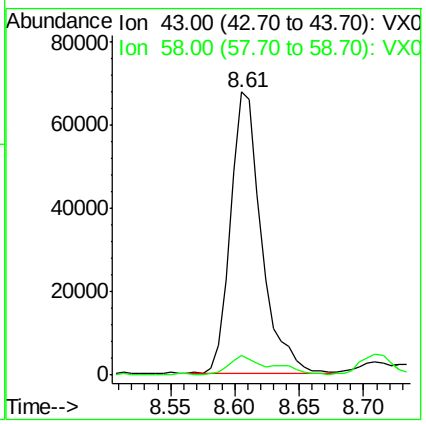


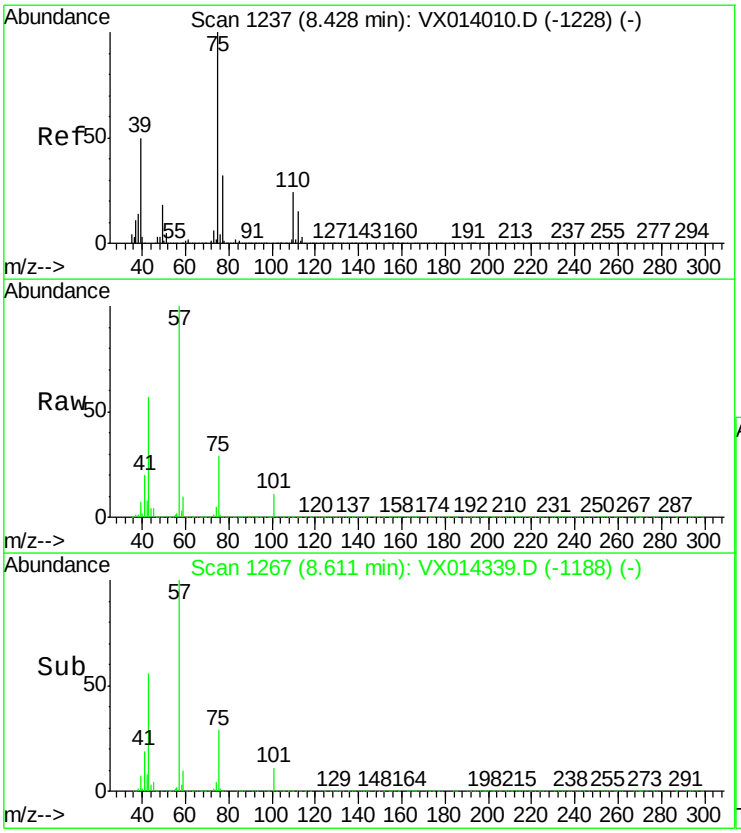
#51
4-Methyl-2-Pentanone
Concen: 13.162 ug/l
RT: 8.61 min Scan# 1266
Delta R.T. -0.03 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
K321-WC-02

Tgt Ion: 43 Resp: 113572

Ion	Ratio	Lower	Upper
43	100		
58	9.1	32.2	48.2#

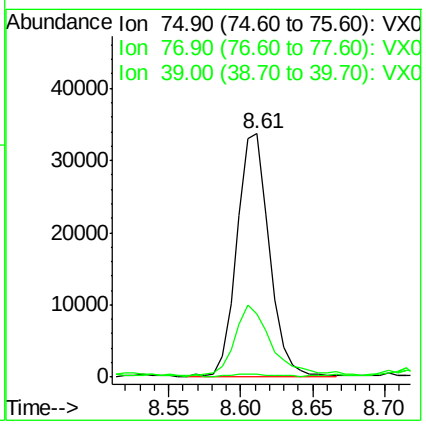


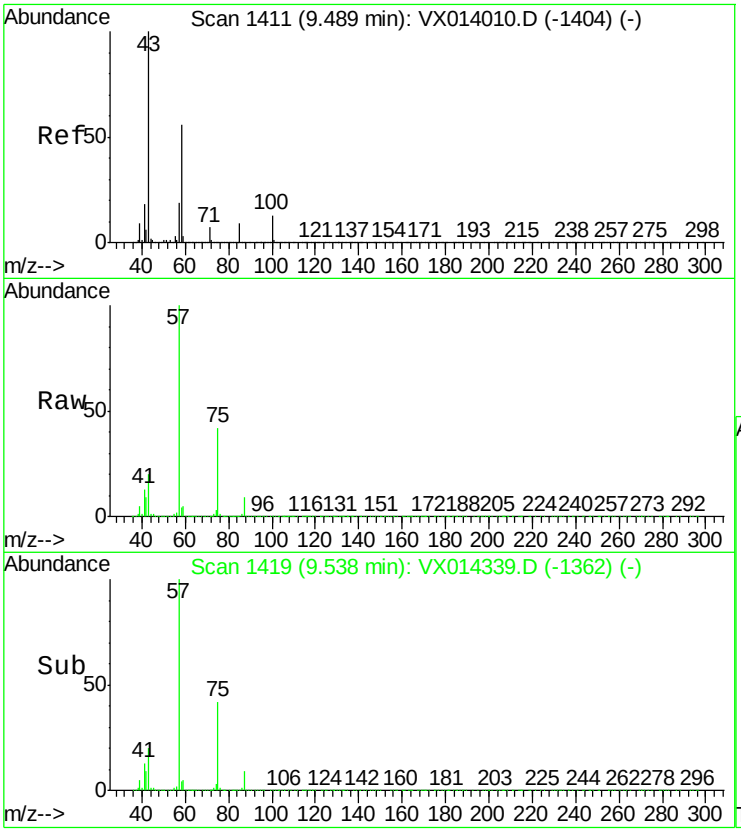


#54
cis-1,3-Dichloropropene
Concen: 5.859 ug/l
RT: 8.61 min Scan# 1267
Delta R.T. 0.18 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion: 75 Resp: 52843

Ion	Ratio	Lower	Upper
75	100		
77	1.0	25.3	37.9#
39	25.4	39.9	59.9#



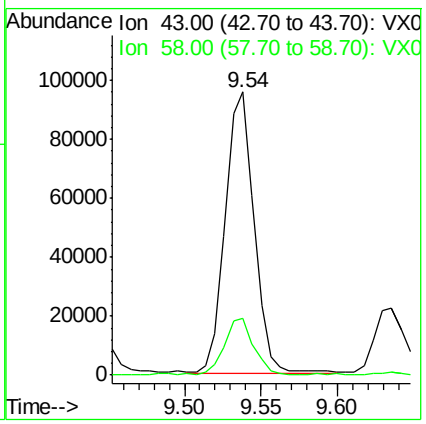


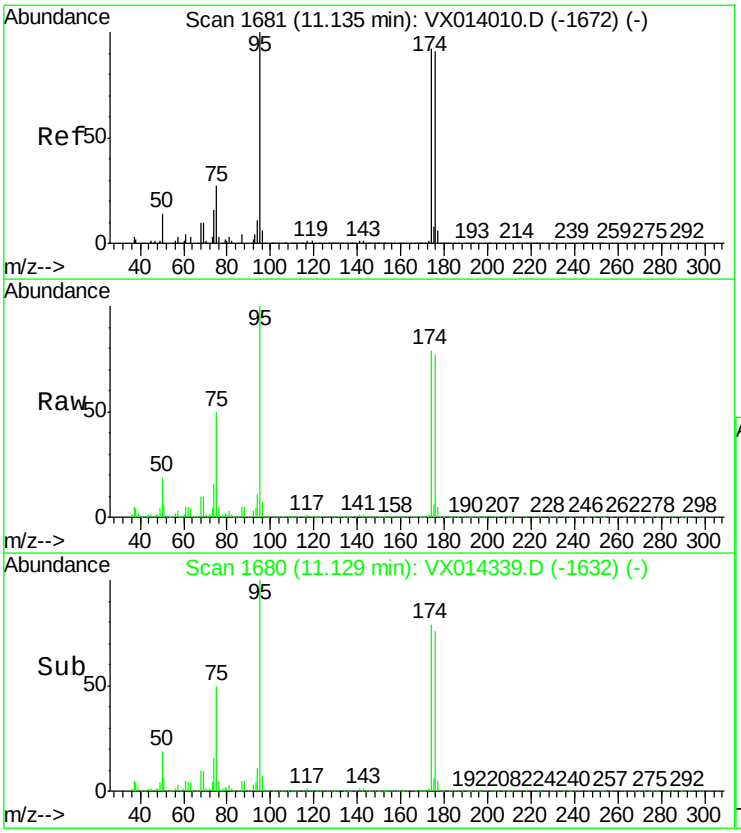
#59
2-Hexanone
Concen: 18.008 ug/l
RT: 9.54 min Scan# 1419
Delta R.T. 0.05 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument : MSVOA_X
ClientSampleId : K321-WC-02

Tgt Ion: 43 Resp: 125086

Ion	Ratio	Lower	Upper
43	100		
58	20.1	28.0	84.0#

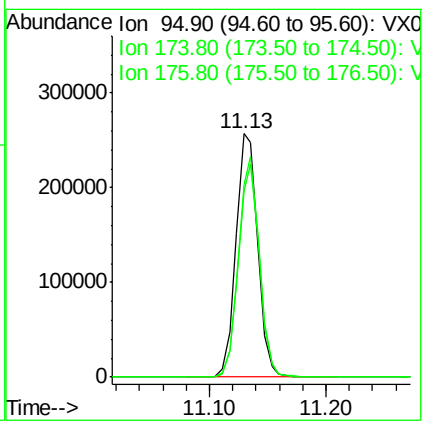


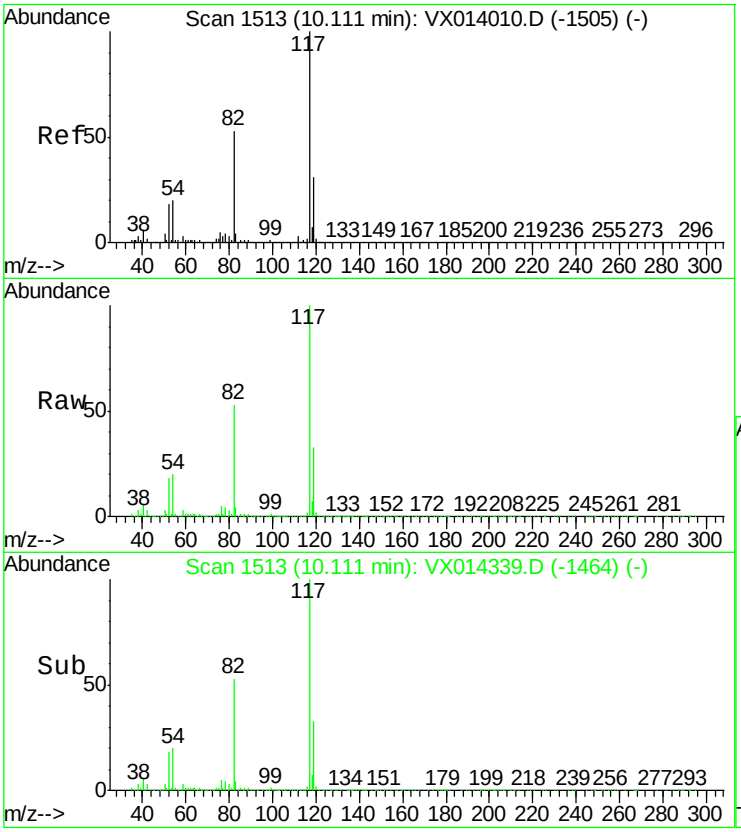


#62
4-Bromofluorobenzene
Concen: 47.136 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion: 95 Resp: 334122

Ion	Ratio	Lower	Upper
95	100		
174	87.6	0.0	175.8
176	84.6	0.0	173.0



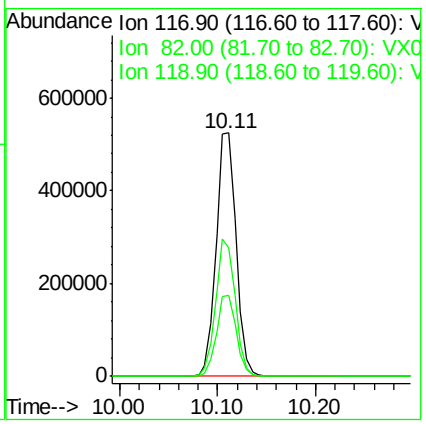


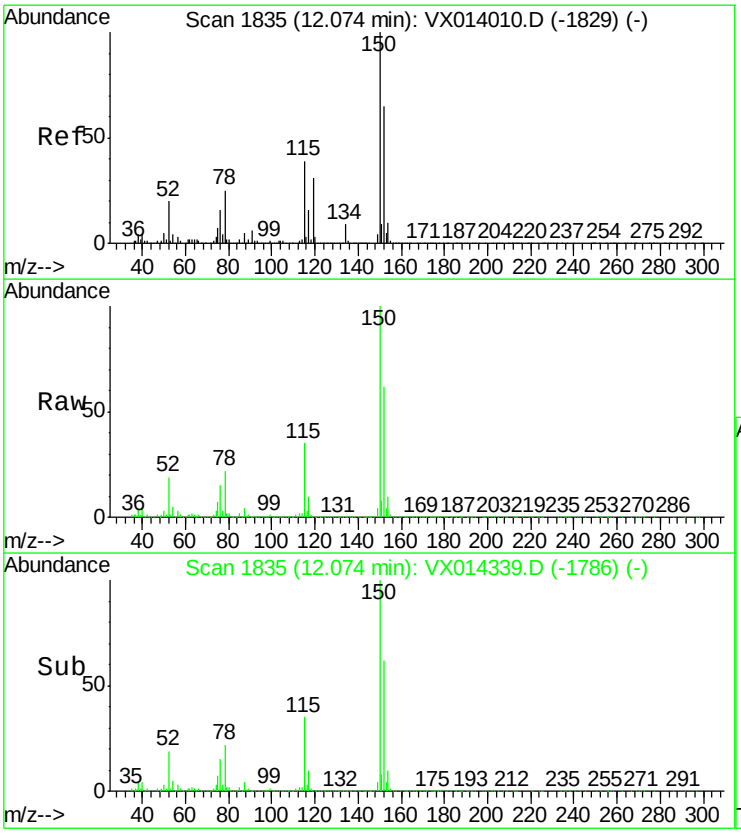
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument : MSVOA_X
ClientSampleId : K321-WC-02

Tgt Ion:117 Resp: 743224

Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.2	63.4
119	33.3	25.1	37.7

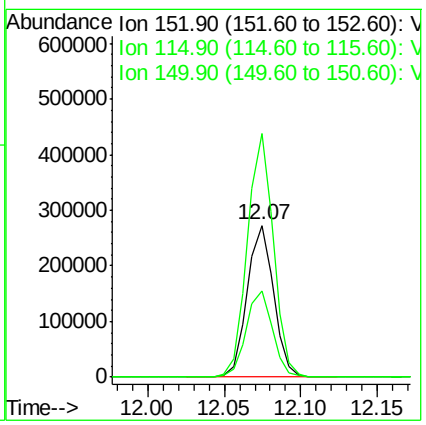


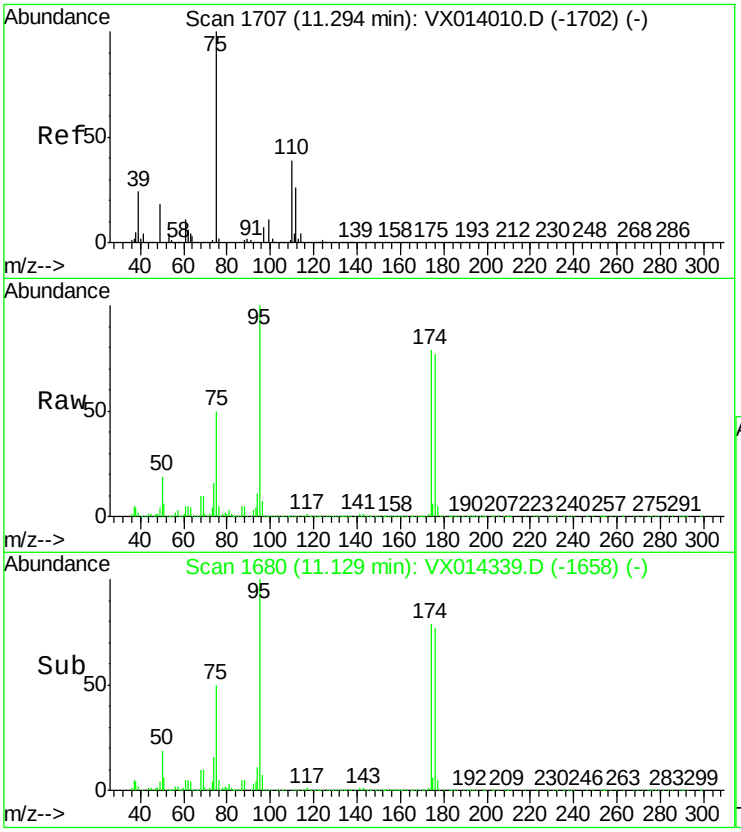


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion:152 Resp: 327668

Ion	Ratio	Lower	Upper
152	100		
115	56.2	38.3	114.9
150	157.8	0.0	345.4



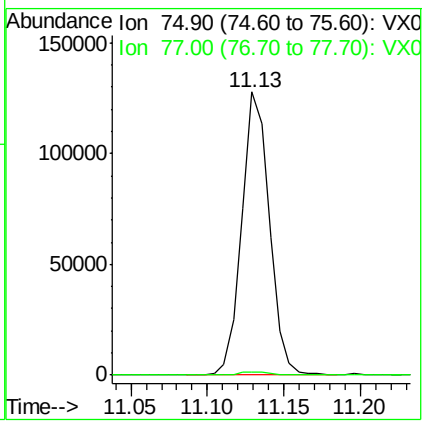


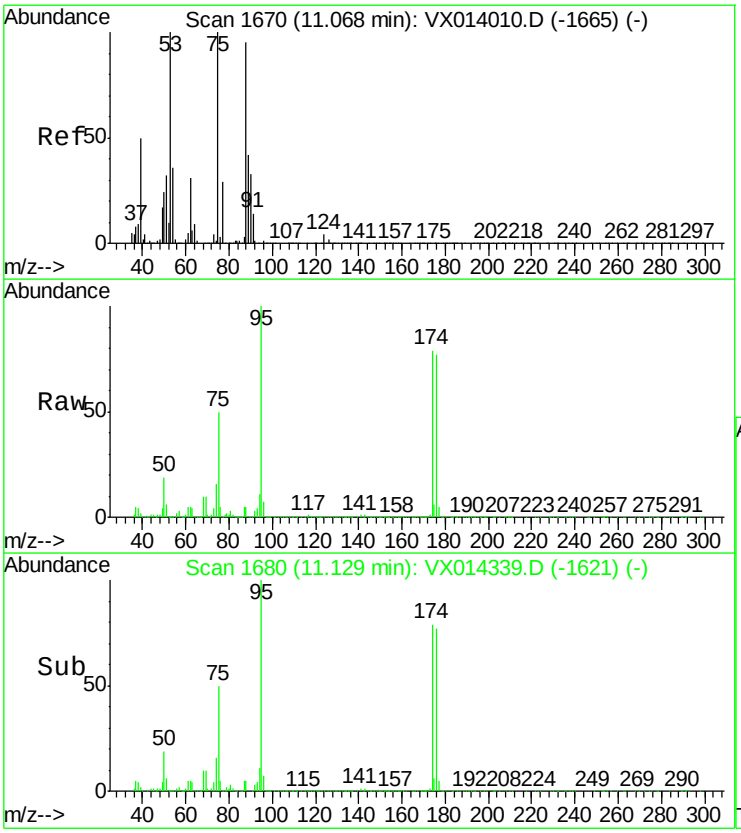
#76
1,2,3-Trichloropropane
Concen: 22.536 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :
K321-WC-02

Tgt Ion: 75 Resp: 160314

Ion	Ratio	Lower	Upper
75	100		
77	1.5	19.3	57.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.609 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014339.D
Acq: 28 Dec 2019 04:10

Tgt Ion: 75 Resp: 160314

Ion	Ratio	Lower	Upper
75	100		
53	0.5	76.7	115.1#
89	0.2	34.6	51.8#