Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122719\
Data File : VX014321.D
Acq On : 27 Dec 2019 20:01
Operator : JC/SP
Sample : K6449-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : OW-5

Quant Time: Dec 30 05:39:12 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	511395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	801632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	714042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310684	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	292394	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.90%			
35) Dibromofluoromethane	5.49	113	240382	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.66%			
50) Toluene-d8	8.71	98	949140	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.06%			
62) 4-Bromofluorobenzene	11.13	95	314674	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.74%			
Target Compounds						Qvalue
6) Chloroethane	1.69	64	1503	0.376	ug/l #	45
10) Methyl Iodide	2.50	142	643	2.716	ug/l #	88
11) Tert butyl alcohol	3.03	59	5204	4.155	ug/l #	89
15) Acrylonitrile	3.13	53	735	0.251	ug/l #	59
16) Acetone	2.43	43	9652	2.565	ug/l	99
17) Carbon Disulfide	2.57	76	657	0.798	ug/l #	75
18) Methyl Acetate	2.59	43	52694	7.067	ug/l #	52
24) 1,1-Dichloroethane	3.69	63	2835	0.291	ug/l #	89
28) Bromochloromethane	5.00	49	683	0.634	ug/l #	28
29) Tetrahydrofuran	5.01	42	1116	0.430	ug/l	94
31) Cyclohexane	5.58	56	2665	0.308	ug/l #	45
36) 1,1-Dichloropropene	5.65	75	35010	4.760	ug/l #	50
38) Carbon Tetrachloride	5.65	117	44647	6.663	ug/l #	16
39) Methylcyclohexane	7.46	83	2682	0.295	ug/l #	79
49) 1,4-Dioxane	7.75	88	368	2.747	ug/l #	23
58) 2-Chloroethyl Vinyl ether	8.36	63	692	0.203	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	153962	22.826	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	153962	64.428	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	13.07	75	376	0.224	ug/l	60

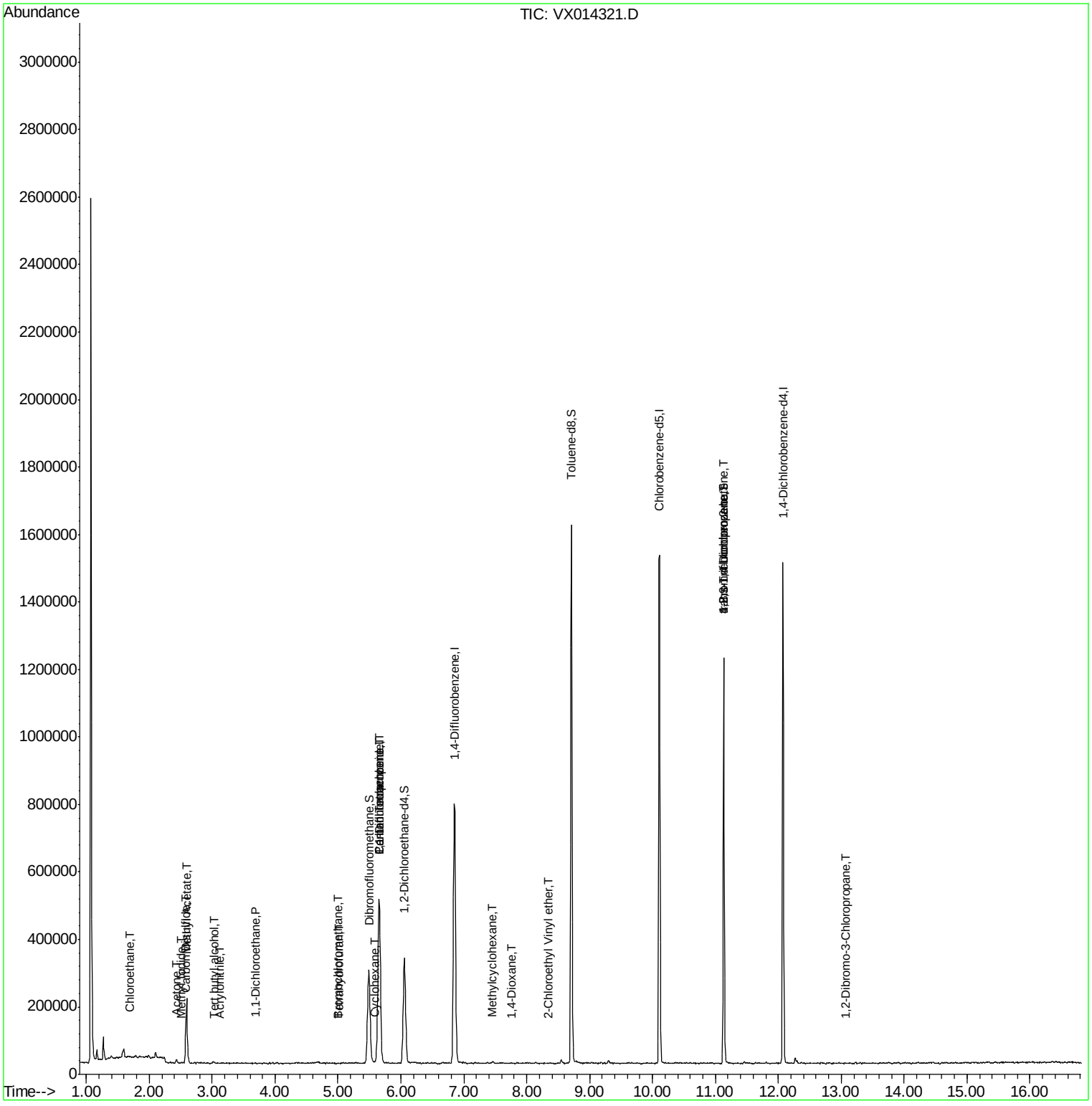
(#) = qualifier out of range (m) = manual integration (+) = signals summed

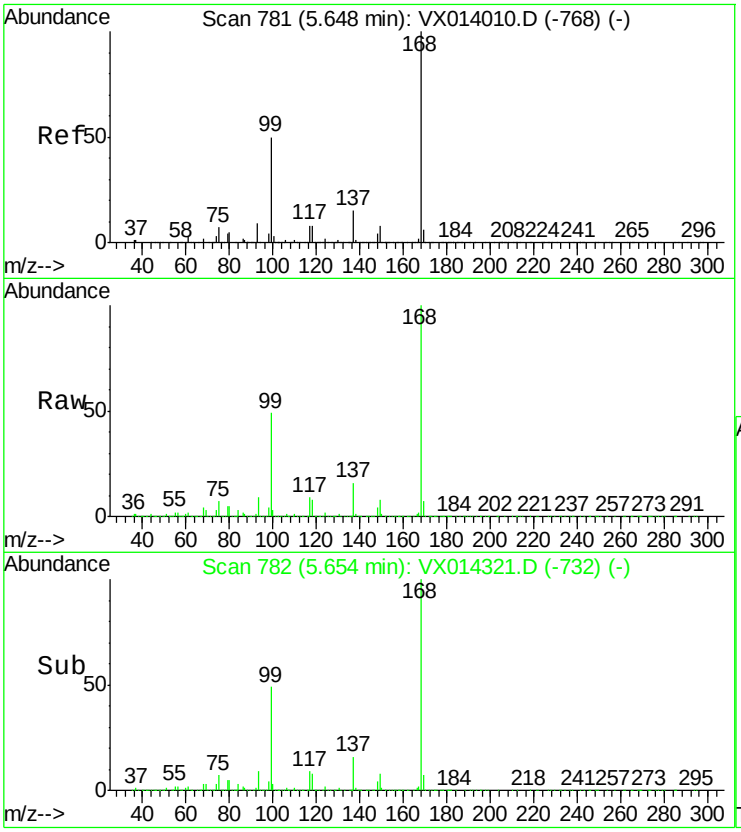
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122719\
Data File : VX014321.D
Acq On : 27 Dec 2019 20:01
Operator : JC/SP
Sample : K6449-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
OW-5

Quant Time: Dec 30 05:39:12 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



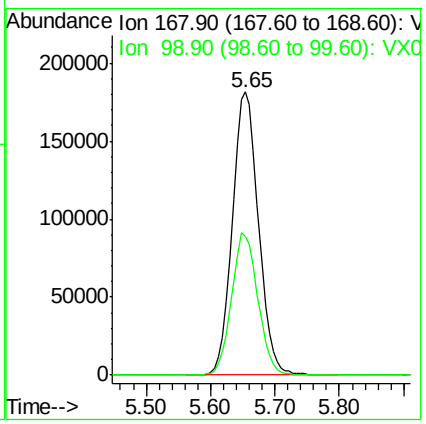


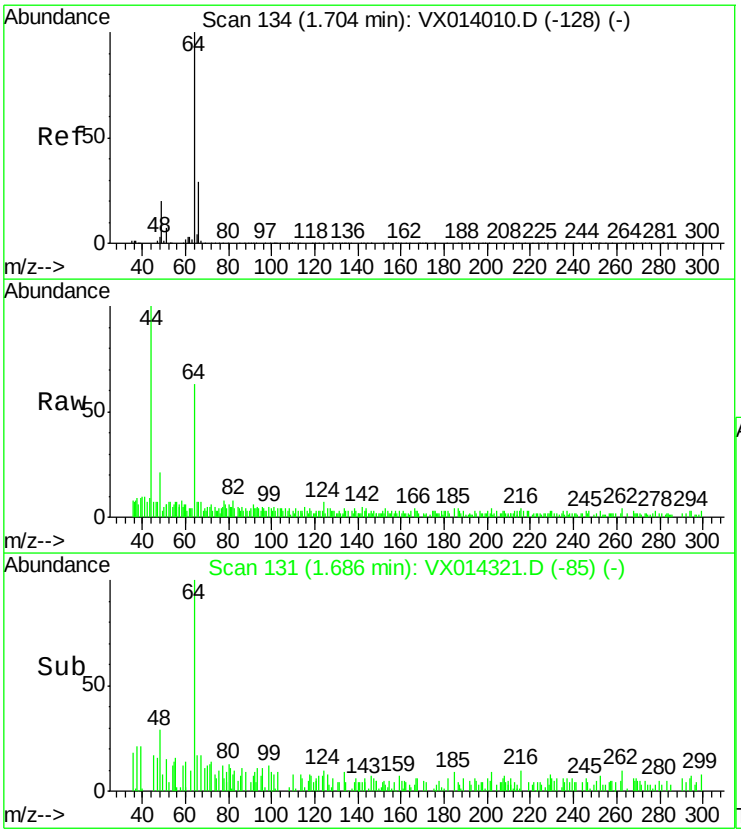
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Instrument : MSVOA_X
ClientSampleId : OW-5

Tgt Ion:168 Resp: 511395

Ion	Ratio	Lower	Upper
168	100		
99	49.1	40.3	60.5

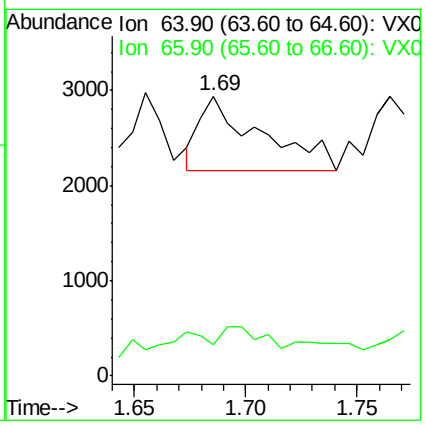


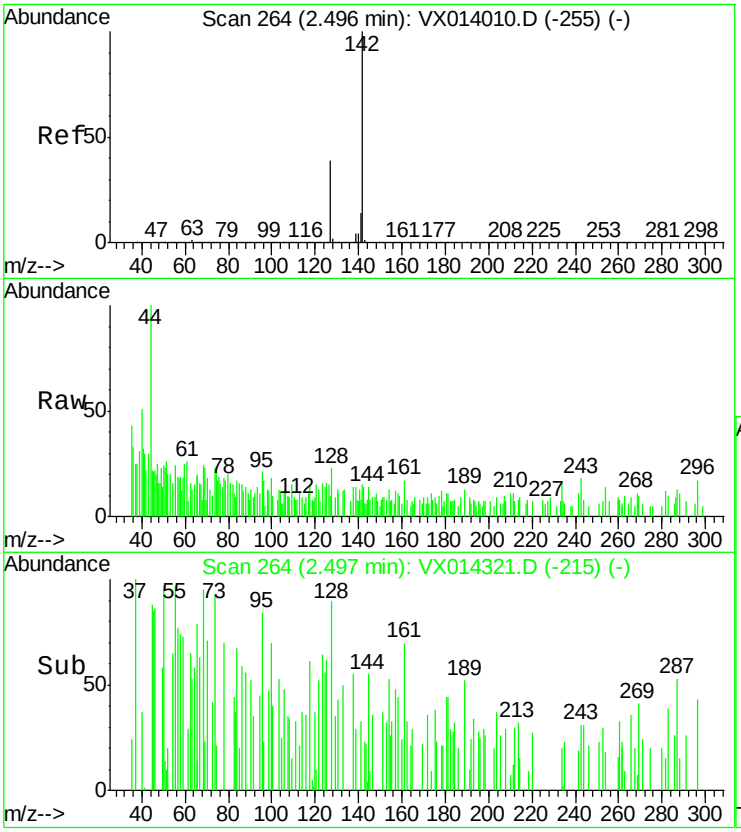


#6
Chloroethane
Concen: 0.376 ug/l
RT: 1.69 min Scan# 131
Delta R.T. -0.02 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Tgt Ion: 64 Resp: 1503

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.4	35.2#



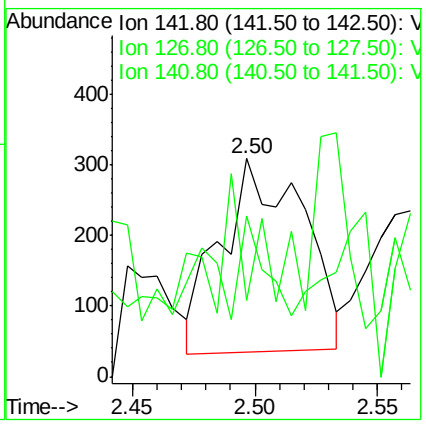


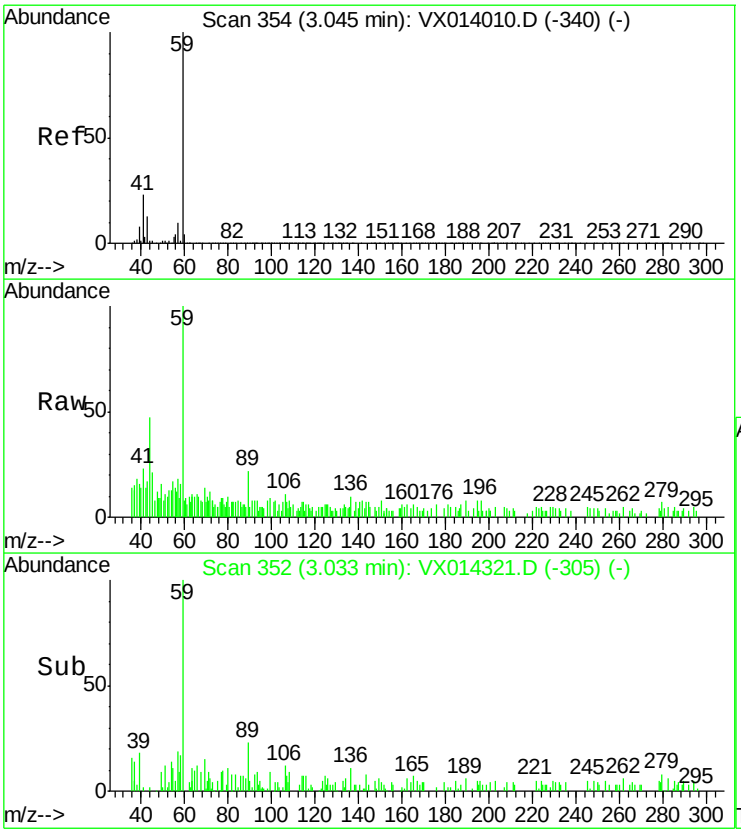
#10
Methyl Iodide
Concen: 2.716 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Instrument : MSVOA_X
ClientSampleId : OW-5

Tgt Ion:142 Resp: 643

Ion	Ratio	Lower	Upper
142	100		
127	32.0	31.6	47.4
141	19.8	11.6	17.4#

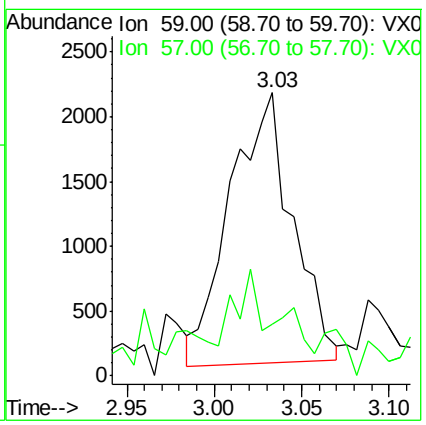


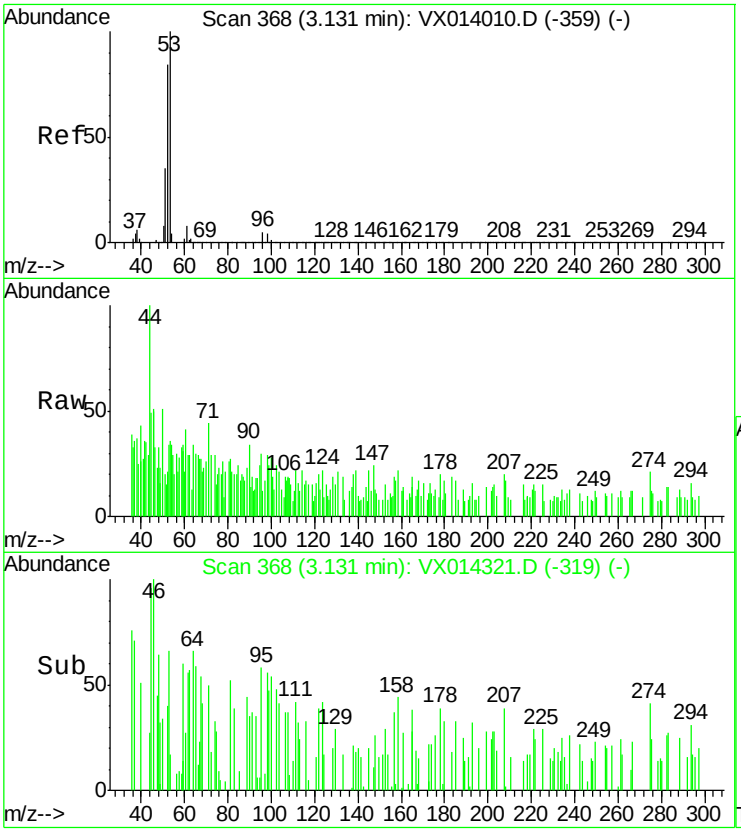


#11
Tert butyl alcohol
Concen: 4.155 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Tgt Ion: 59 Resp: 5204

Ion	Ratio	Lower	Upper
59	100		
57	14.8	8.4	12.6#



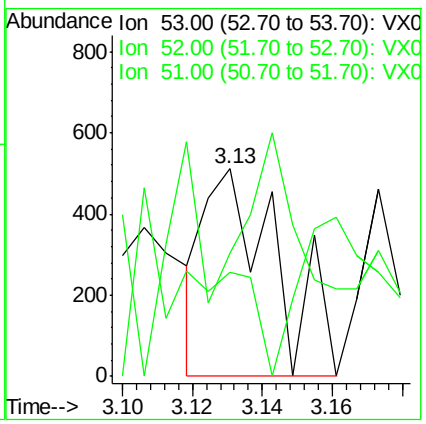


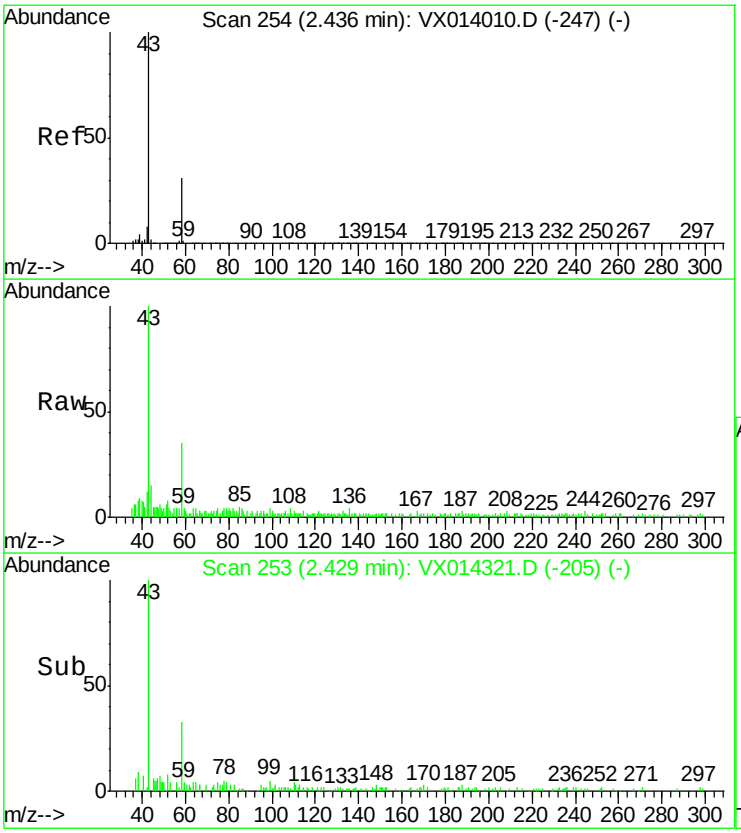
#15
Acrylonitrile
Concen: 0.251 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Instrument : MSVOA_X
ClientSampleId : OW-5

Tgt Ion: 53 Resp: 735

Ion	Ratio	Lower	Upper
53	100		
52	54.1	66.5	99.7#
51	0.0	28.1	42.1#

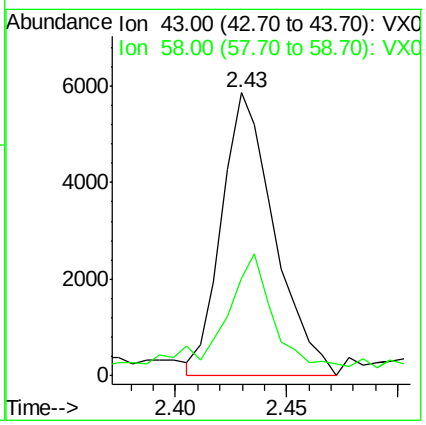


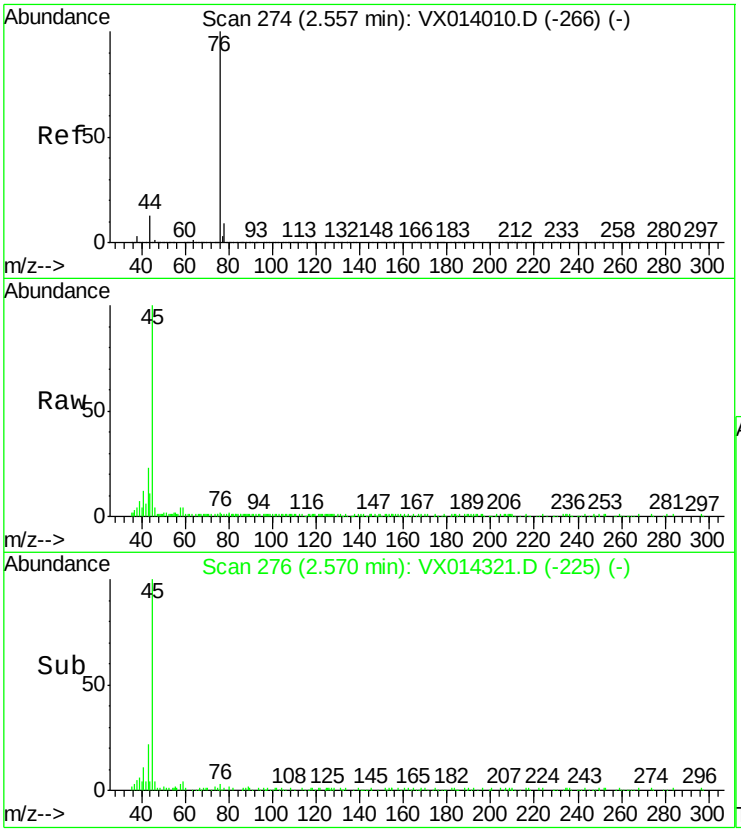


#16
Acetone
Concen: 2.565 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Tgt Ion: 43 Resp: 9652

Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.9	37.3



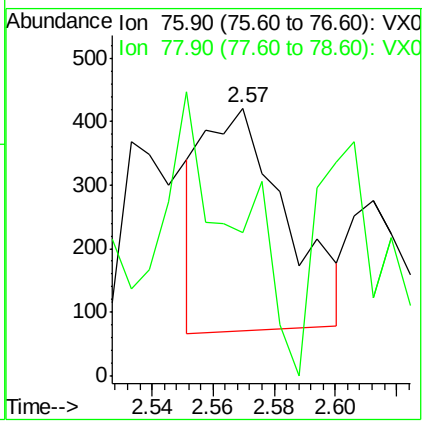


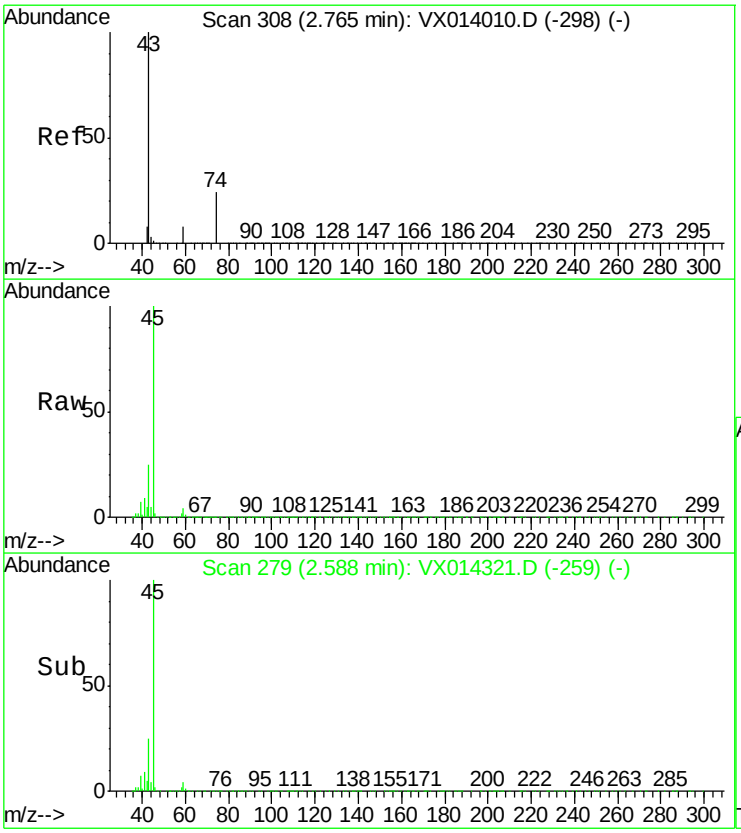
#17
Carbon Disulfide
Concen: 0.798 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Instrument : MSVOA_X
ClientSampleId : OW-5

Tgt Ion: 76 Resp: 657

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#

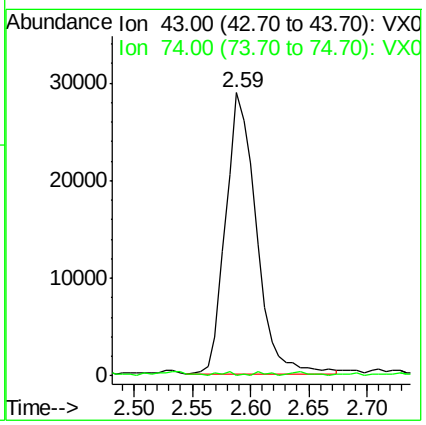


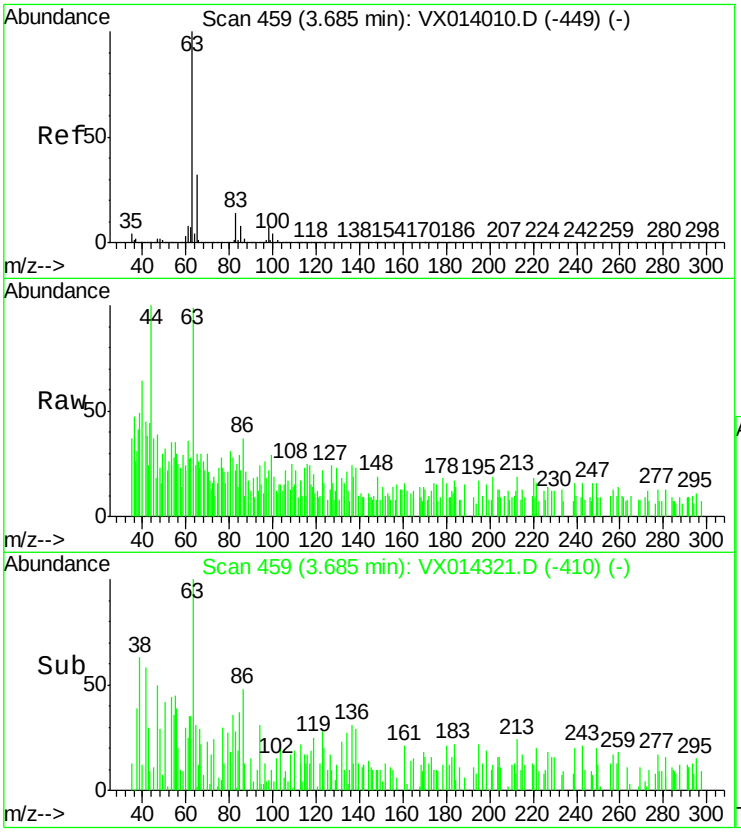


#18
Methyl Acetate
Concen: 7.067 ug/l
RT: 2.59 min Scan# 279
Delta R.T. -0.18 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Tgt Ion: 43 Resp: 52694

Ion	Ratio	Lower	Upper
43	100		
74	0.4	19.5	29.3#



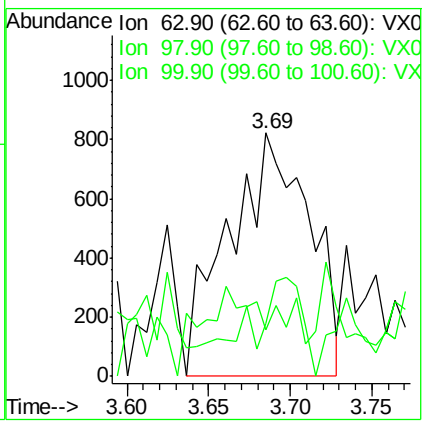


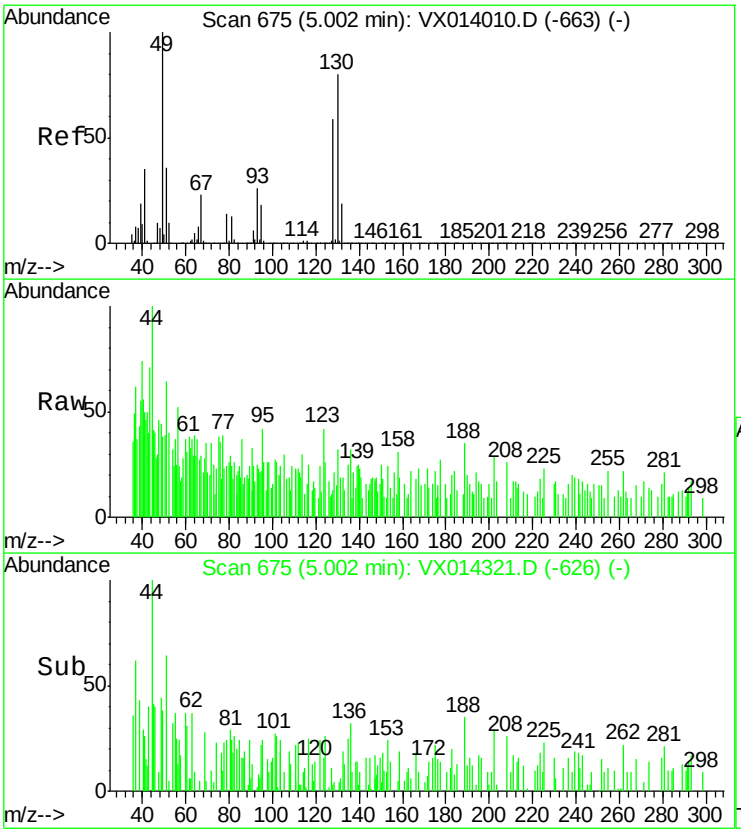
#24
1,1-Dichloroethane
Concen: 0.291 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
OW-5

Tgt Ion: 63 Resp: 2835

Ion	Ratio	Lower	Upper
63	100		
98	4.2	3.6	10.8
100	0.0	2.3	6.8#

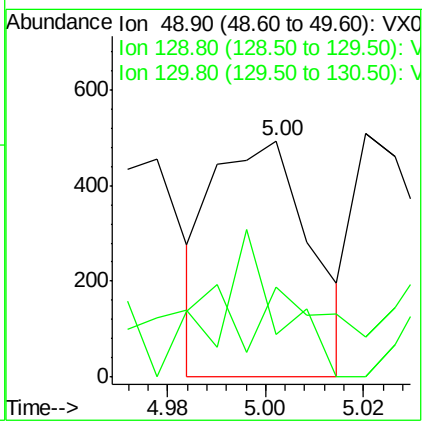


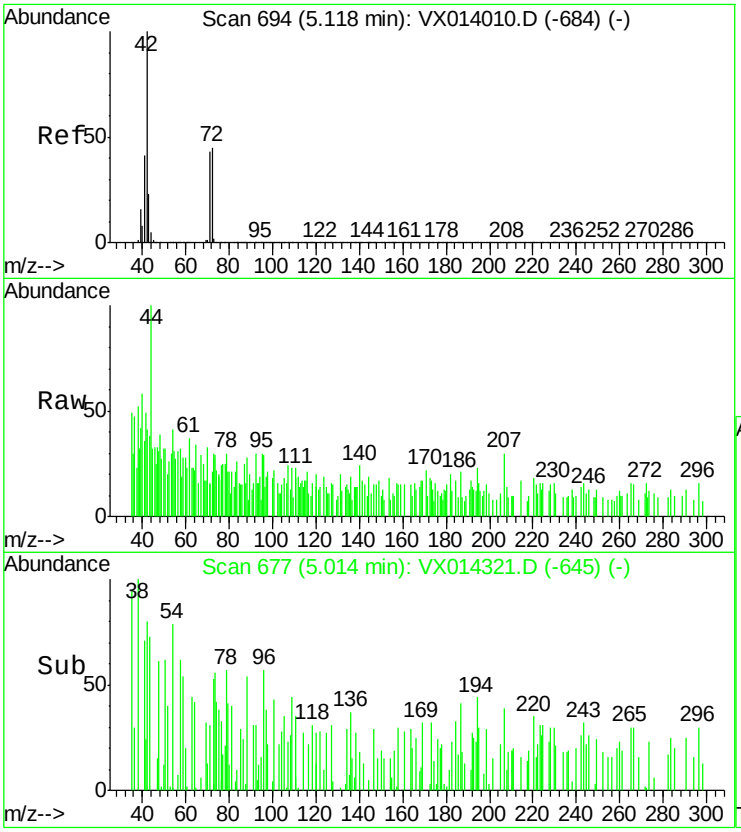


#28
Bromochloromethane
Concen: 0.634 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Tgt Ion: 49 Resp: 683

Ion	Ratio	Lower	Upper
49	100		
129	51.7	0.0	5.0#
130	19.3	64.6	97.0#



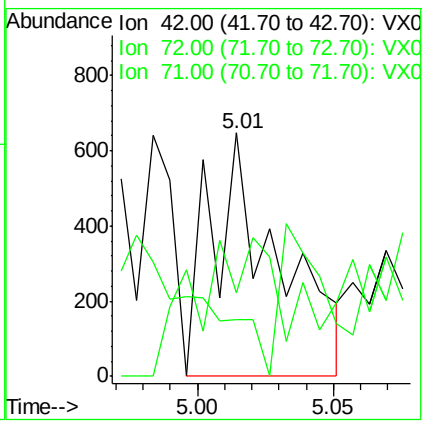


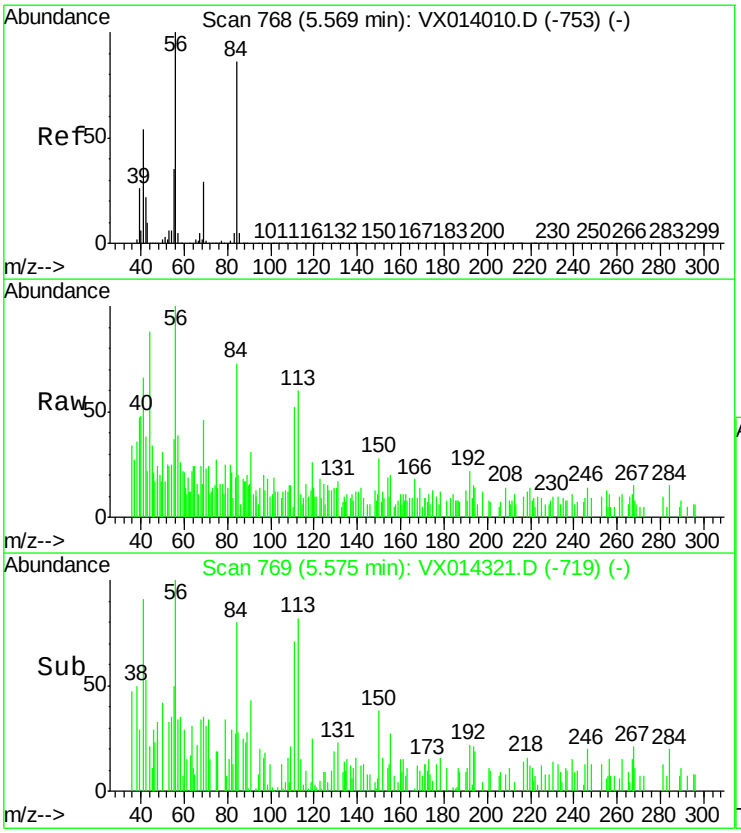
#29
Tetrahydrofuran
Concen: 0.430 ug/l
RT: 5.01 min Scan# 677
Delta R.T. -0.10 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Instrument : MSVOA_X
ClientSampleId : OW-5

Tgt Ion: 42 Resp: 1116

Ion	Ratio	Lower	Upper
42	100		
72	41.1	35.8	53.8
71	38.1	33.6	50.4

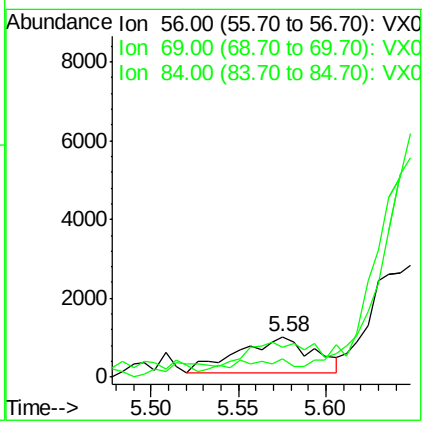


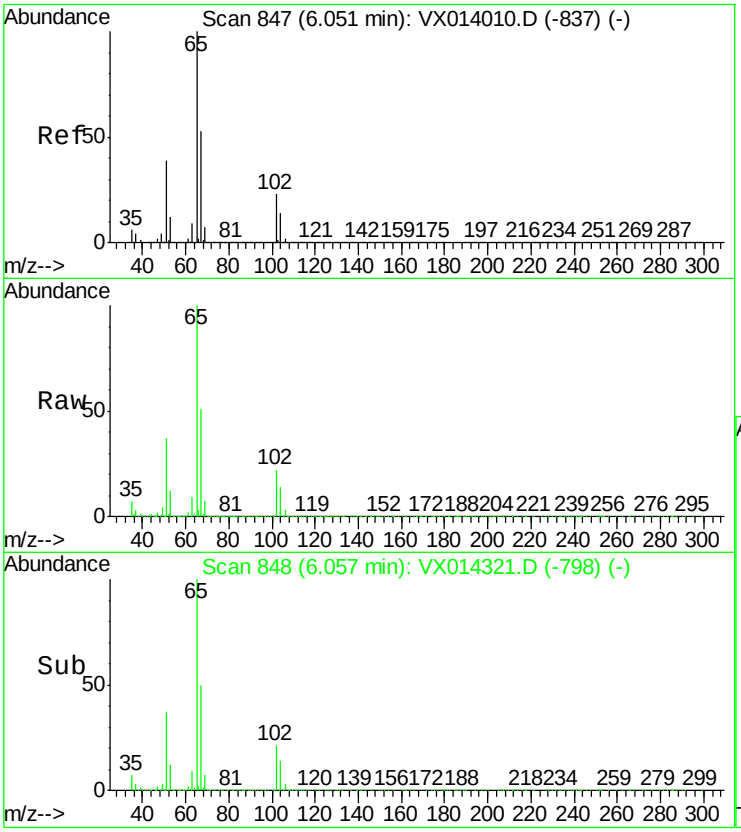


#31
Cyclohexane
Concen: 0.308 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Tgt Ion: 56 Resp: 2665

Ion	Ratio	Lower	Upper
56	100		
69	17.0	23.2	34.8#
84	25.2	69.2	103.8#



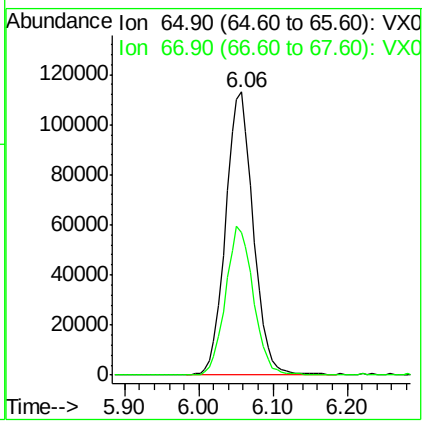


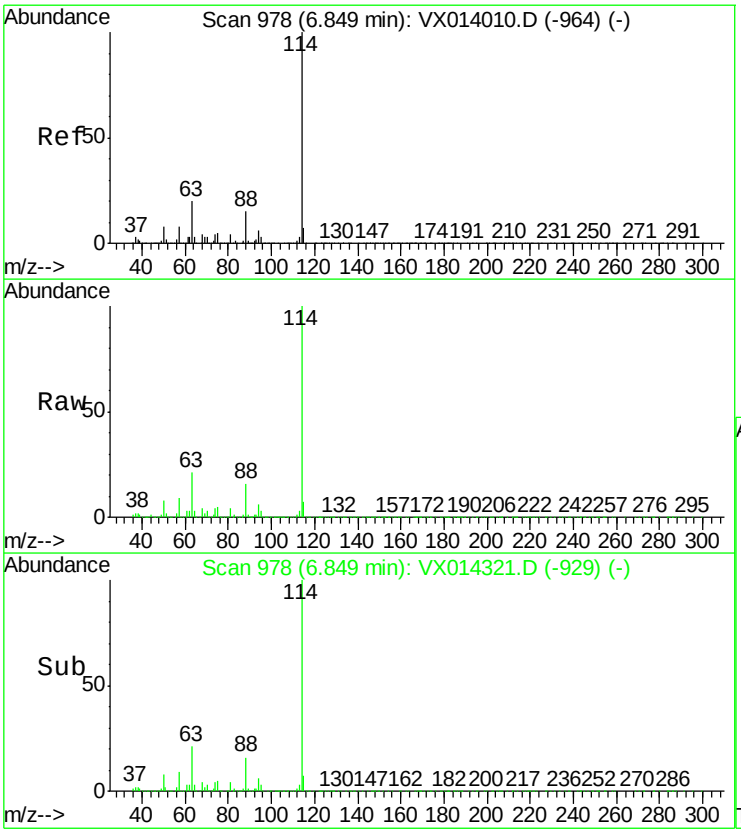
#33
1,2-Dichloroethane-d4
Concen: 50.448 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
OW-5

Tgt Ion: 65 Resp: 292394

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.4

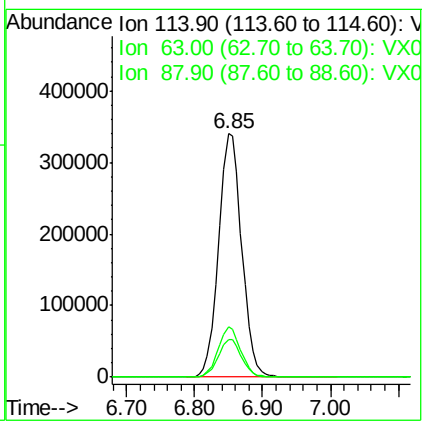


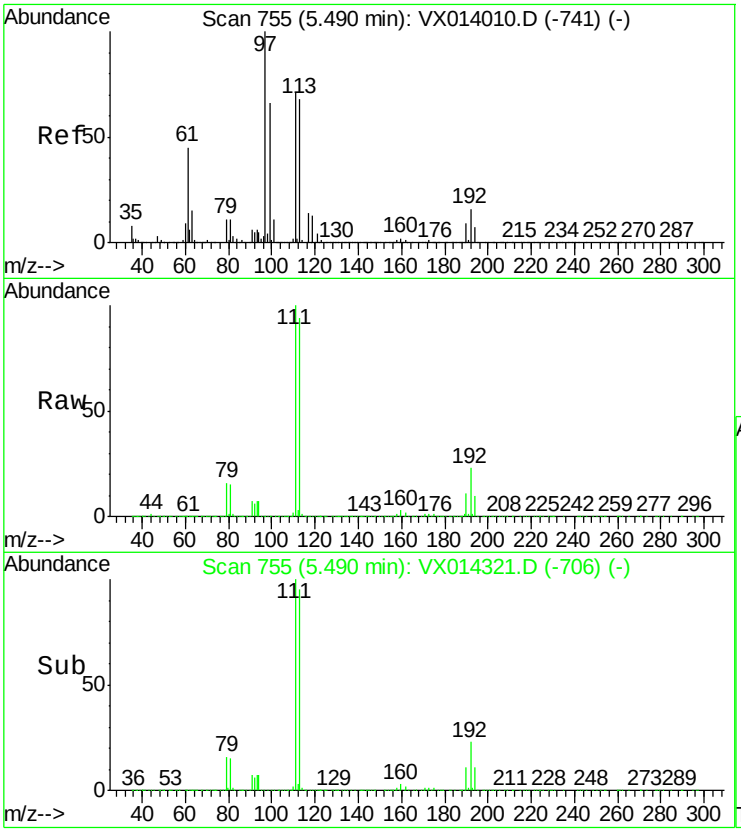


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Tgt Ion:114 Resp: 801632

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	15.6	0.0	30.4



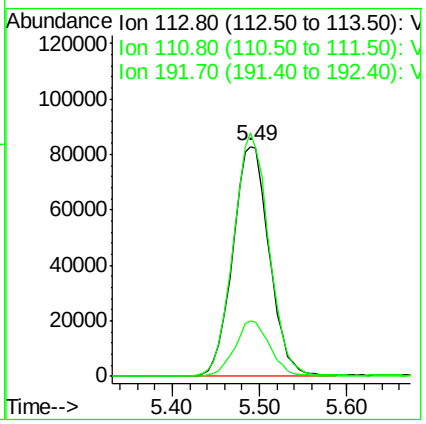


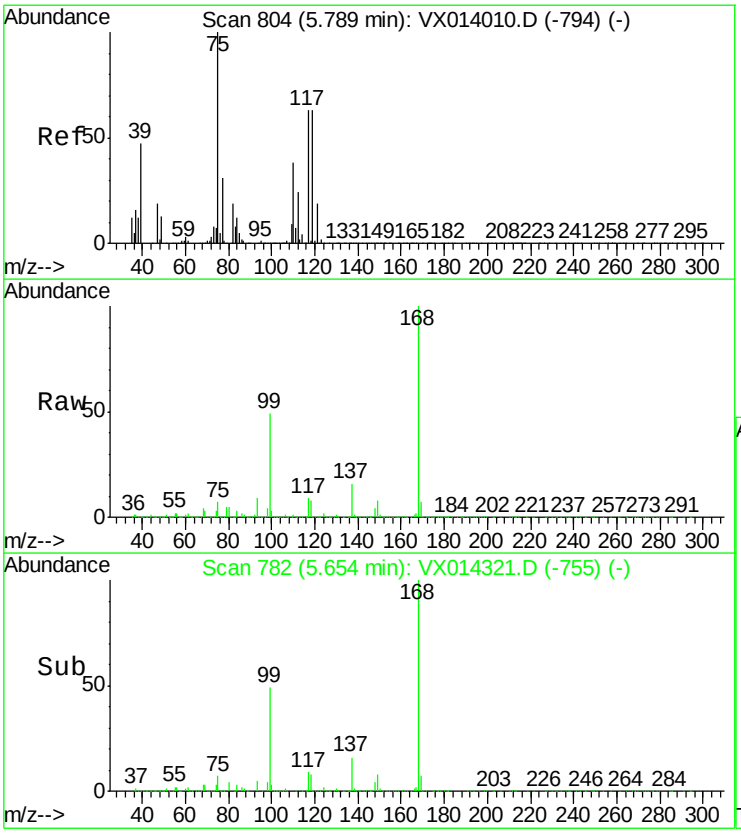
#35
Dibromofluoromethane
Concen: 49.329 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
OW-5

Tgt Ion:113 Resp: 240382

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	23.3	19.3	28.9

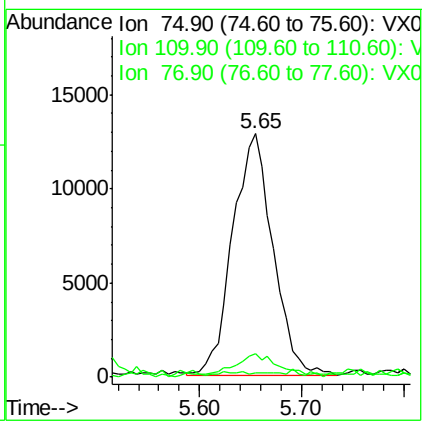


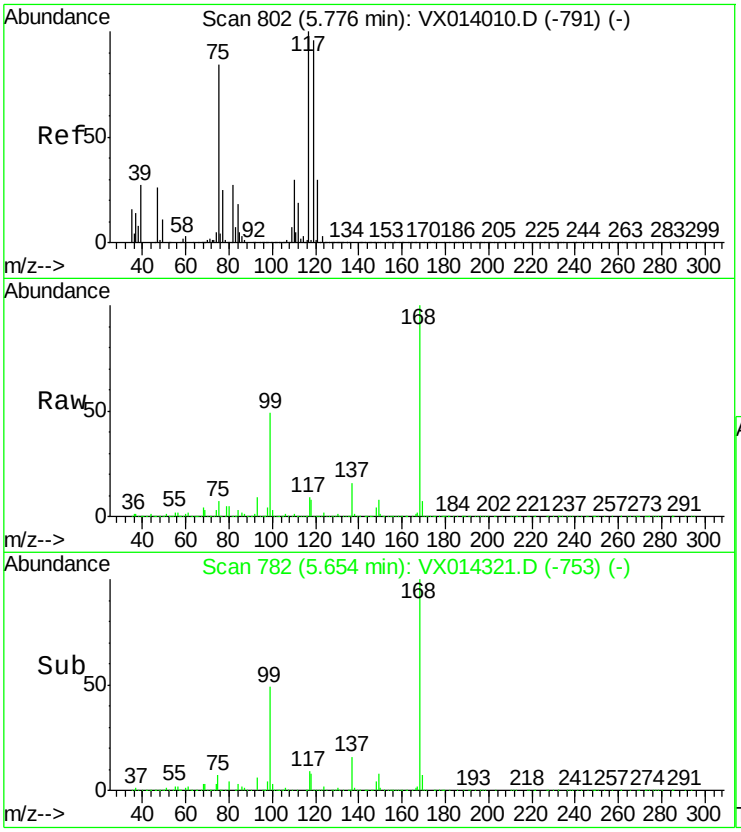


#36
1,1-Dichloropropene
Concen: 4.760 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.13 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Tgt Ion: 75 Resp: 35010

Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.3	54.9#
77	0.0	24.8	37.2#



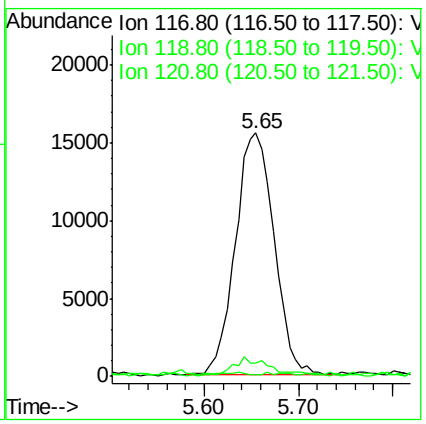


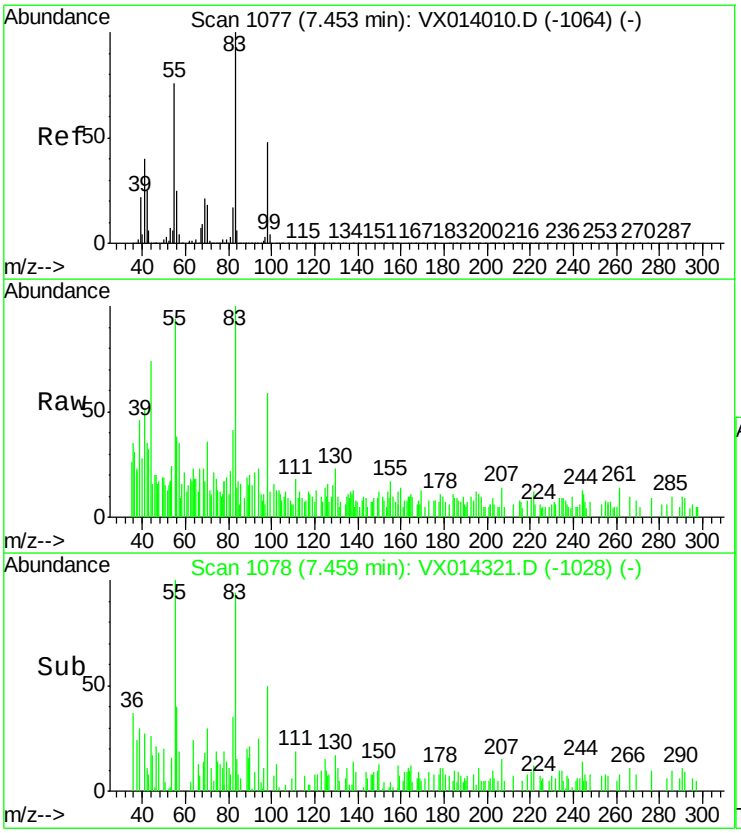
#38
Carbon Tetrachloride
Concen: 6.663 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.12 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Instrument : MSVOA_X
ClientSampleId : OW-5

Tgt Ion:117 Resp: 44647

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.2	114.4#
121	0.8	23.6	35.4#

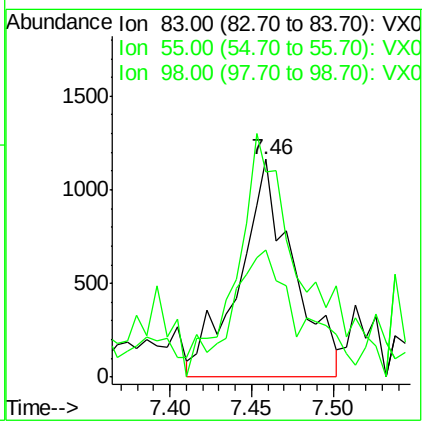


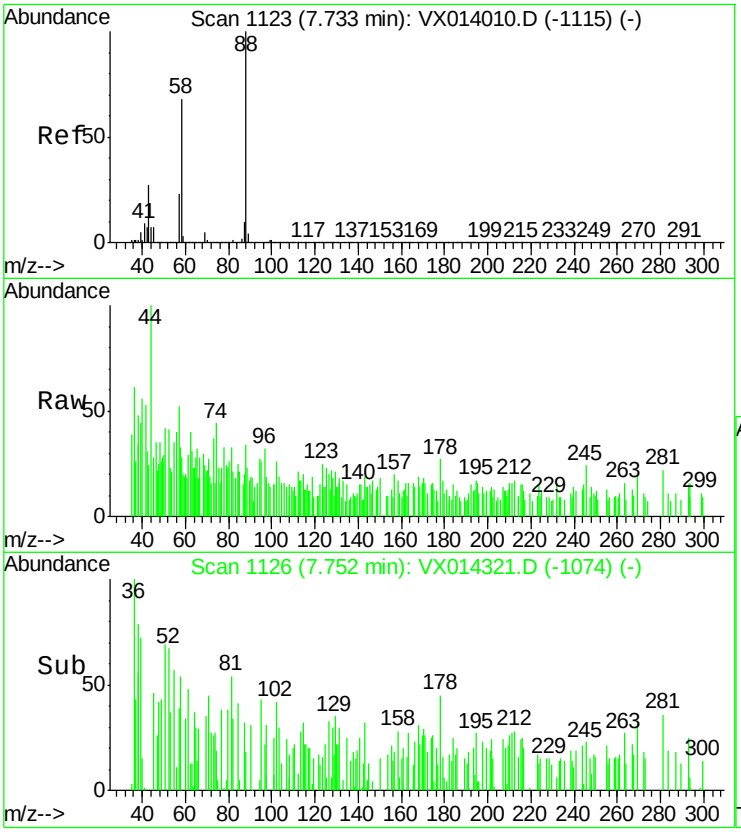


#39
Methylcyclohexane
Concen: 0.295 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Tgt Ion: 83 Resp: 2682

Ion	Ratio	Lower	Upper
83	100		
55	101.5	61.0	91.6#
98	53.4	38.6	57.8



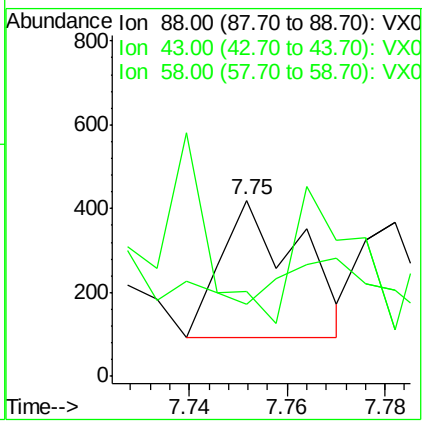


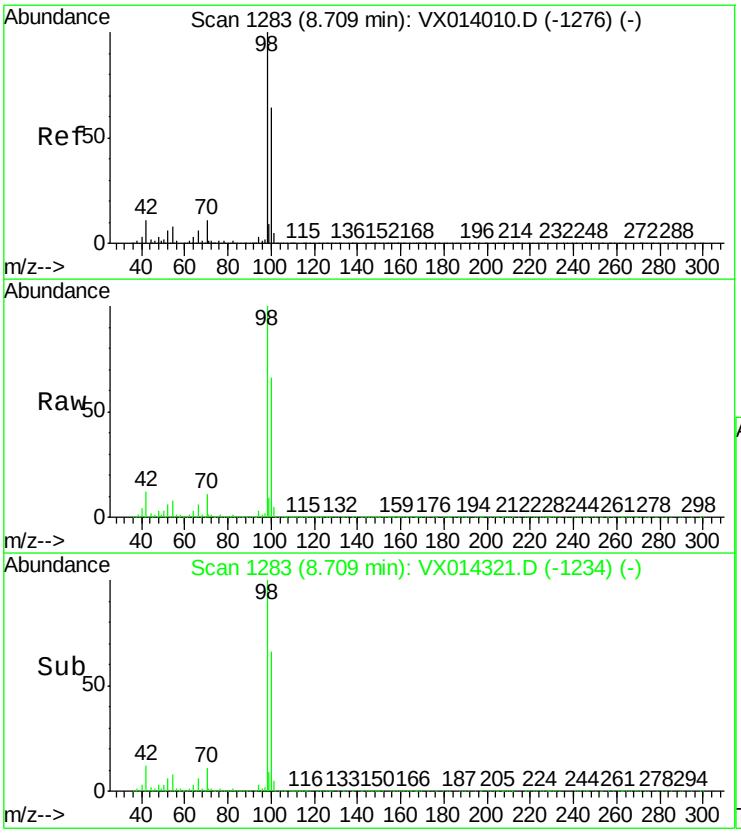
#49
1,4-Dioxane
Concen: 2.747 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.02 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Instrument : MSVOA_X
ClientSampleId : OW-5

Tgt Ion: 88 Resp: 368

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

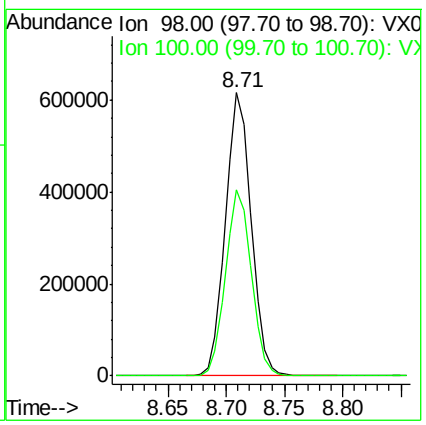


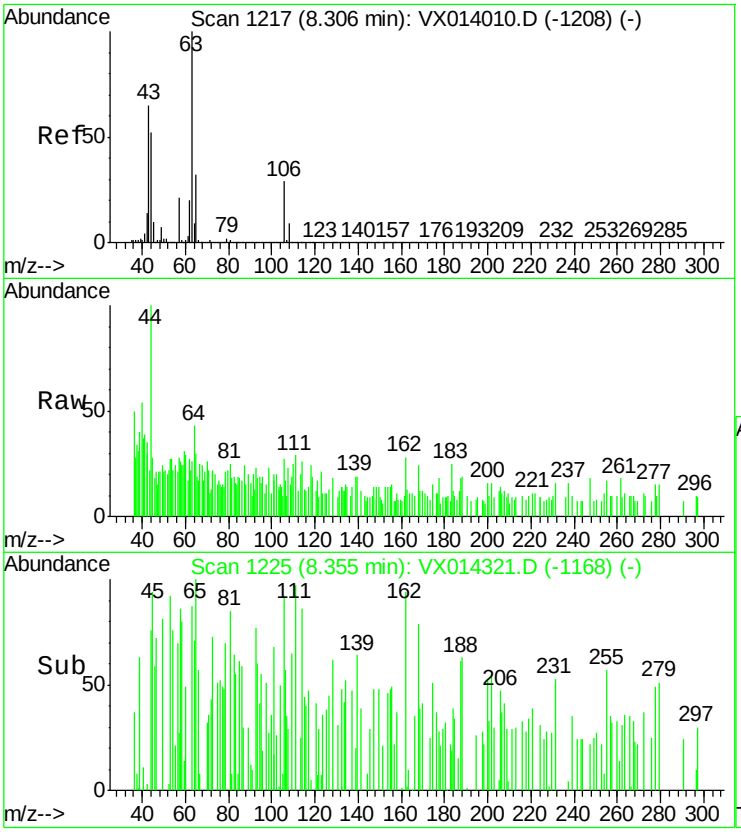


#50
Toluene-d8
Concen: 50.029 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Tgt Ion: 98 Resp: 949140

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3



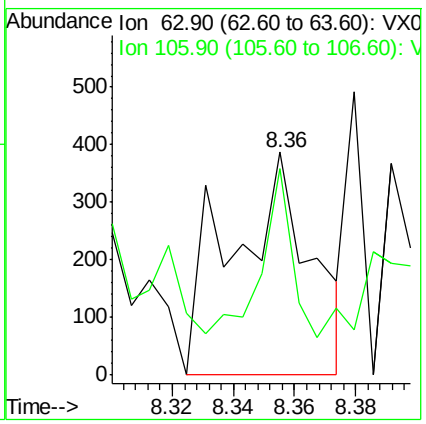


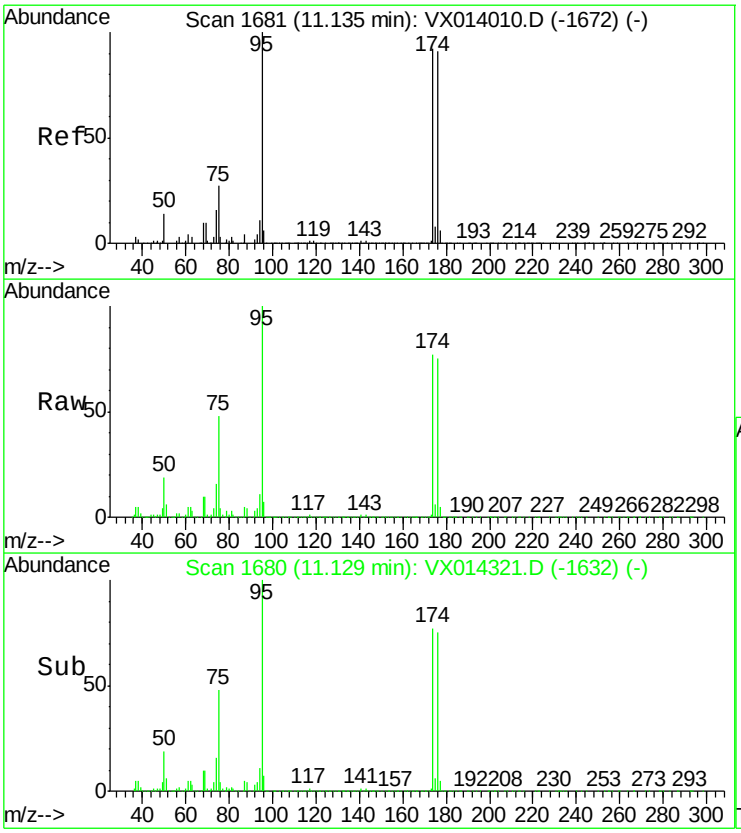
#58
2-Chloroethyl Vinyl ether
Concen: 0.203 ug/l
RT: 8.36 min Scan# 1225
Delta R.T. 0.05 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Instrument : MSVOA_X
ClientSampleId : OW-5

Tgt Ion: 63 Resp: 692

Ion	Ratio	Lower	Upper
63	100		
106	28.6	23.0	34.6

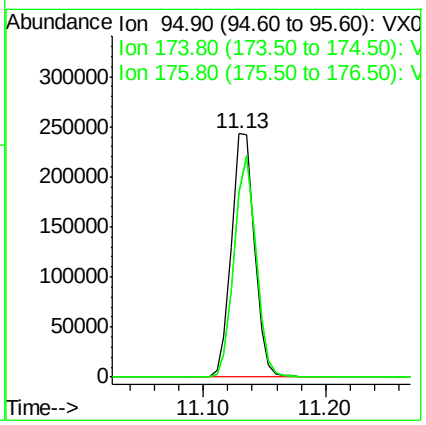


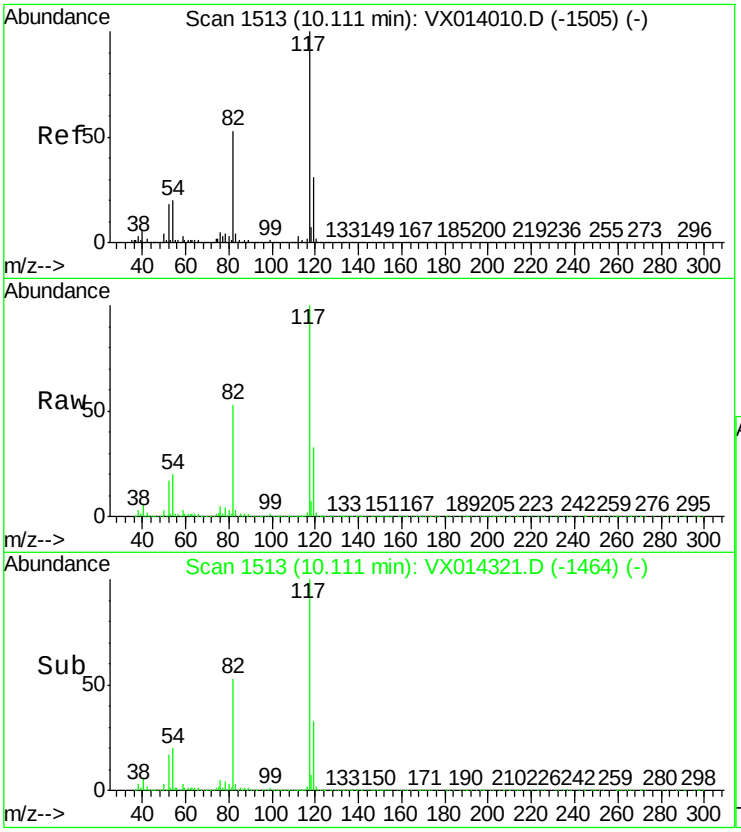


#62
4-Bromofluorobenzene
Concen: 45.374 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Tgt Ion: 95 Resp: 314674

Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	175.8
176	86.3	0.0	173.0



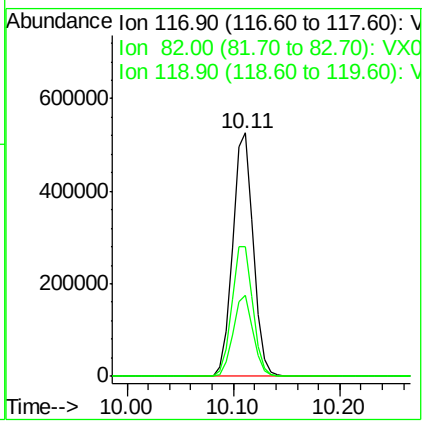


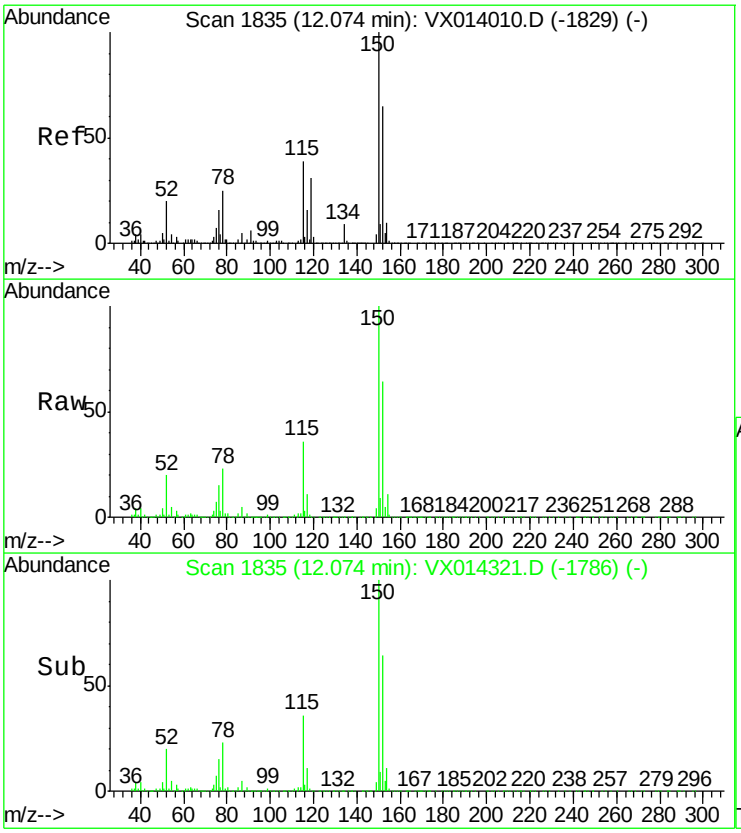
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Instrument : MSVOA_X
ClientSampleId : OW-5

Tgt Ion:117 Resp: 714042

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.2	63.4
119	33.2	25.1	37.7

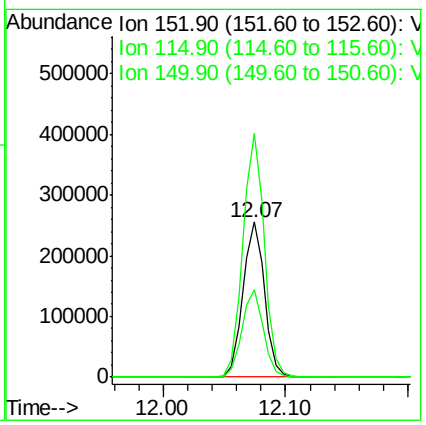


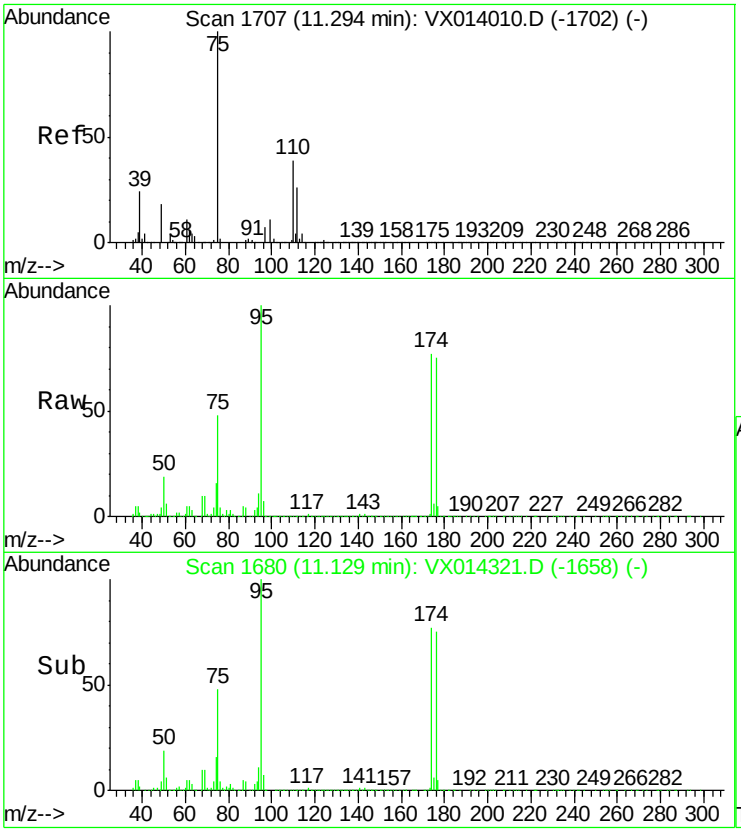


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Tgt Ion:152 Resp: 310684

Ion	Ratio	Lower	Upper
152	100		
115	55.8	38.3	114.9
150	156.1	0.0	345.4



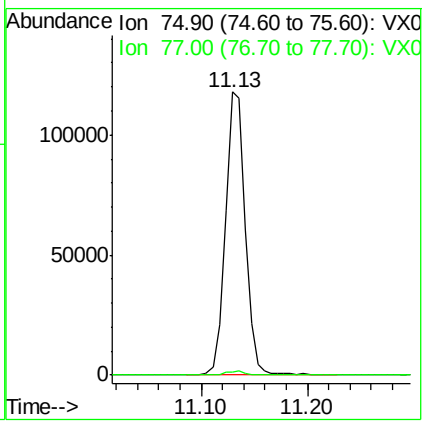


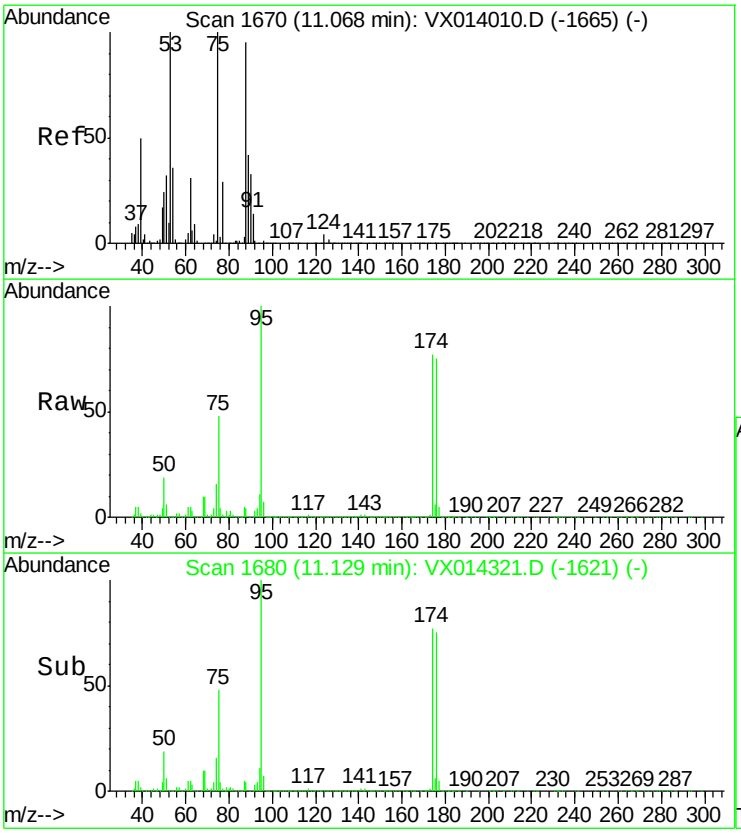
#76
1,2,3-Trichloropropane
Concen: 22.826 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
OW-5

Tgt Ion: 75 Resp: 153962

Ion	Ratio	Lower	Upper
75	100		
77	1.8	19.3	57.8#

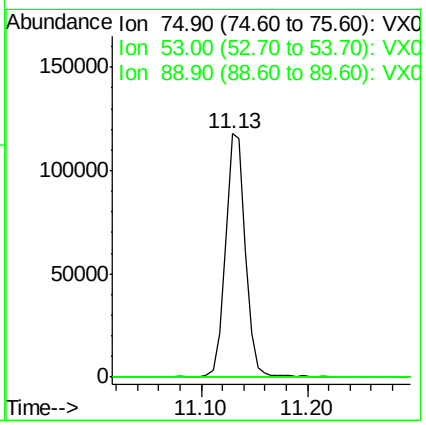


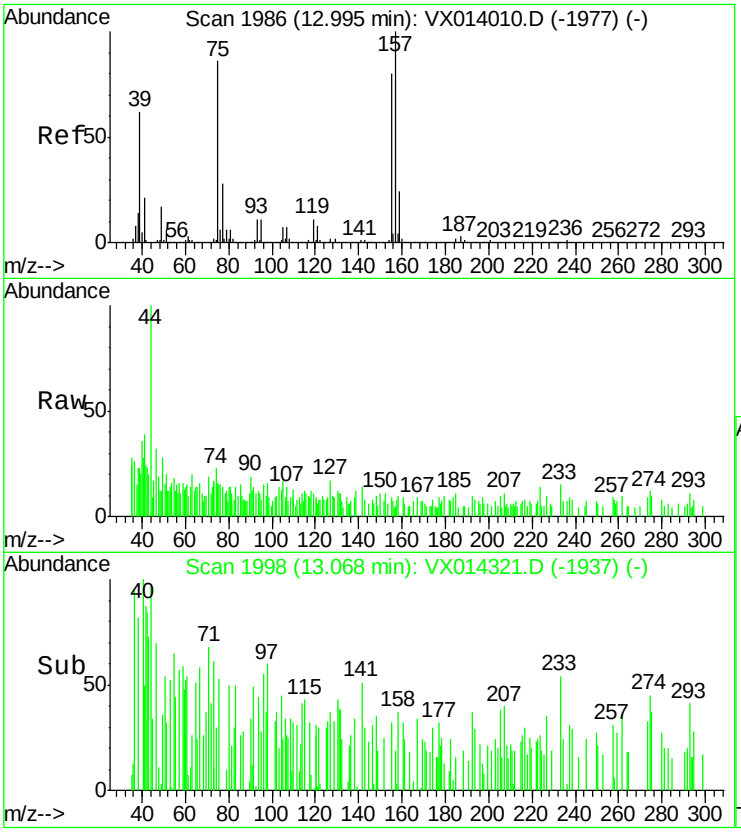


#81
trans-1,4-Dichloro-2-butene
Concen: 64.428 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Tgt Ion: 75 Resp: 153962

Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.7	115.1#
89	0.0	34.6	51.8#





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.224 ug/l
RT: 13.07 min Scan# 1998
Delta R.T. 0.07 min
Lab File: VX014321.D
Acq: 27 Dec 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
OW-5

Tgt Ion: 75 Resp: 376

Ion	Ratio	Lower	Upper
75	100		
155	117.6	46.9	140.6
157	64.1	60.8	182.4