Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061419\
Data File : VX010309.D
Acq On : 14 Jun 2019 18:36
Operator : JC/SP
Sample : K3387-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VOC-DRUM

Quant Time: Jun 15 01:23:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	305400	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.85	114	454161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	132402	44.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.82%			
35) Dibromofluoromethane	5.51	113	120039	42.85	ug/l	0.01
Spiked Amount 50.000			Recovery = 85.70%			
50) Toluene-d8	8.71	98	533887	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.70%			
62) 4-Bromofluorobenzene	11.14	95	189150	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.48%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	22343	8.006	ug/l	99
4) Vinyl Chloride	1.43	62	1448	0.552	ug/l #	82
5) Bromomethane	1.64	94	891	0.900	ug/l	93
6) Chloroethane	1.77	64	30783	23.278	ug/l #	53
11) Tert butyl alcohol	3.08	59	11896	16.290	ug/l #	76
13) Acrolein	2.31	56	472	3.545	ug/l #	56
14) Allyl chloride	2.83	41	5752889	1389.343	ug/l #	48
16) Acetone	2.54	43	5460	3.894	ug/l	98
17) Carbon Disulfide	2.47	76	21046	2.655	ug/l	97
18) Methyl Acetate	2.82	43	1788929	580.157	ug/l #	84
20) Methylene Chloride	2.82	84	668	0.217	ug/l #	54
29) Tetrahydrofuran	5.21	42	110400	84.138	ug/l #	80
31) Cyclohexane	5.65	56	4990	1.150	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	18741	5.058	ug/l #	53
38) Carbon Tetrachloride	5.65	117	26292	6.269	ug/l #	15
41) Methacrylonitrile	5.21	41	55528	26.627	ug/l #	51
49) 1,4-Dioxane	7.66	88	34	0.396	ug/l #	18
76) 1,2,3-Trichloropropane	11.14	75	86018	20.834	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.14	75	86018	46.031	ug/l #	10

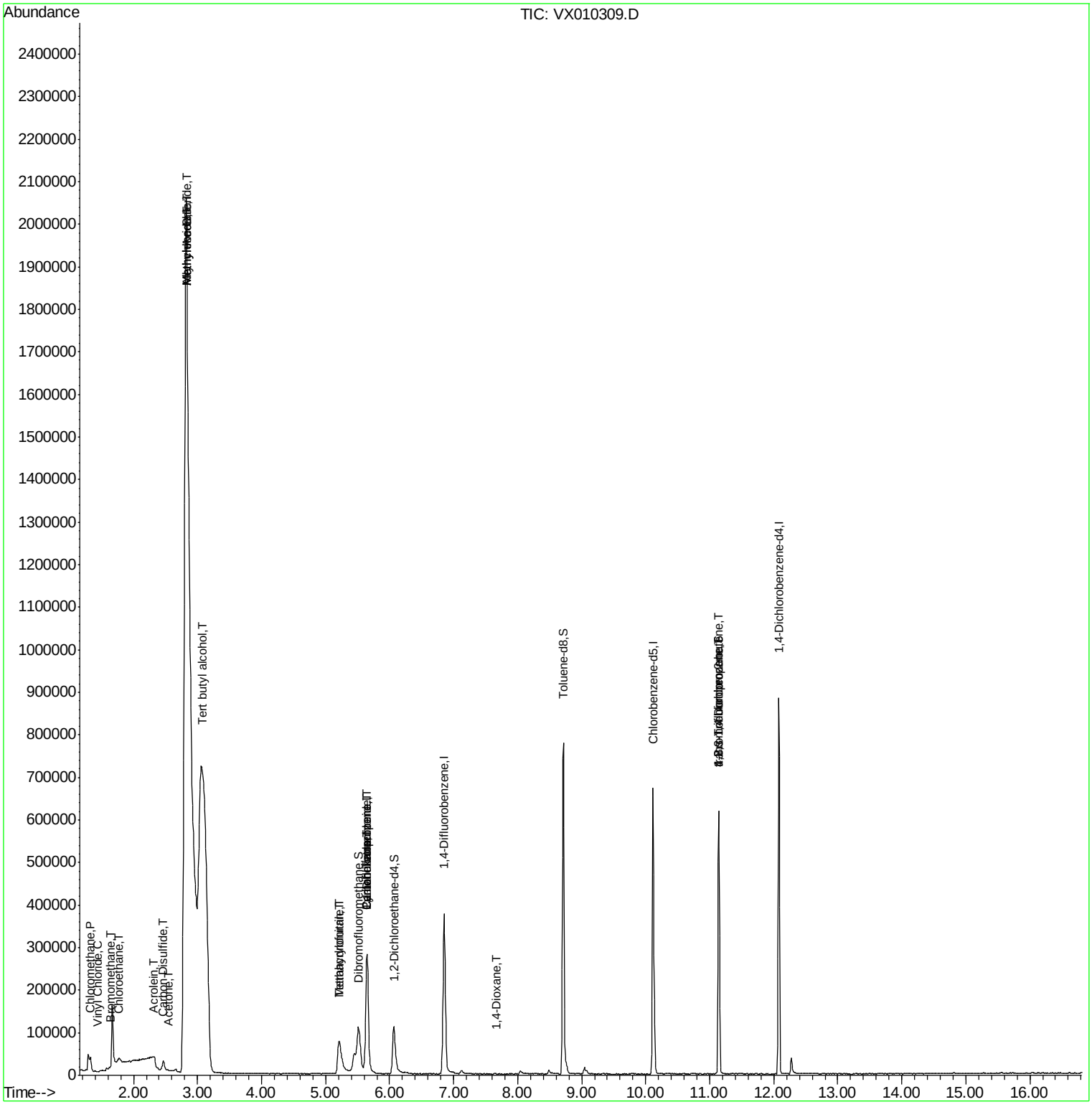
(#) = qualifier out of range (m) = manual integration (+) = signals summed

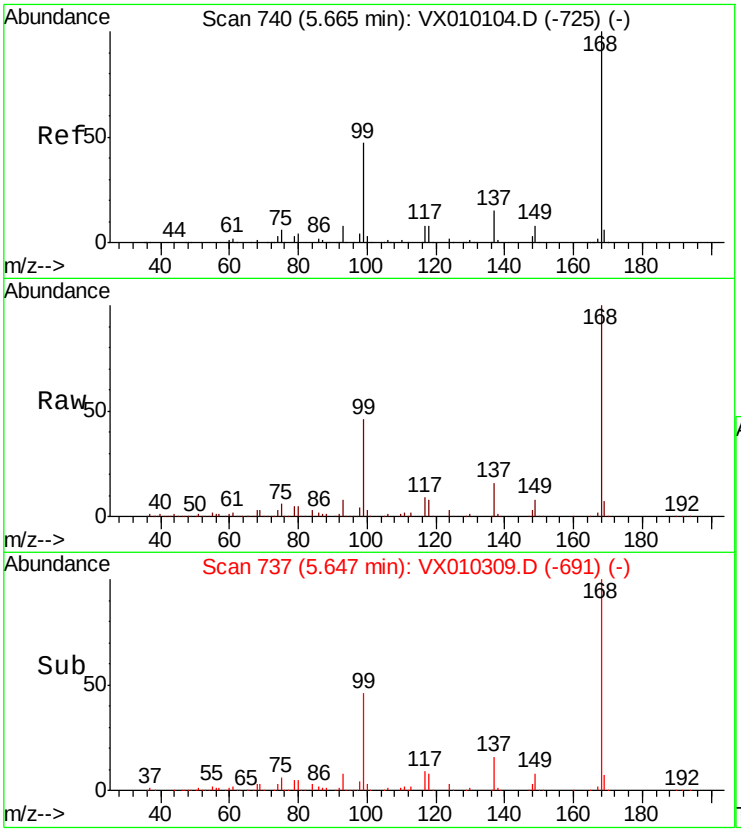
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061419\
Data File : VX010309.D
Acq On : 14 Jun 2019 18:36
Operator : JC/SP
Sample : K3387-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM

Quant Time: Jun 15 01:23:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

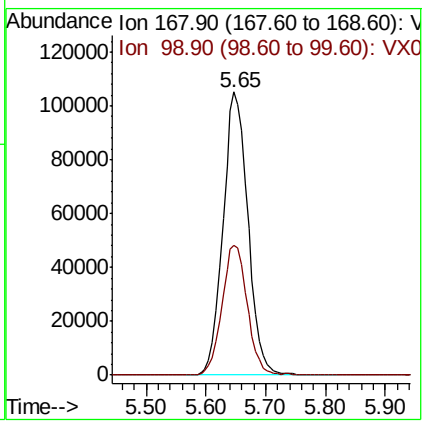




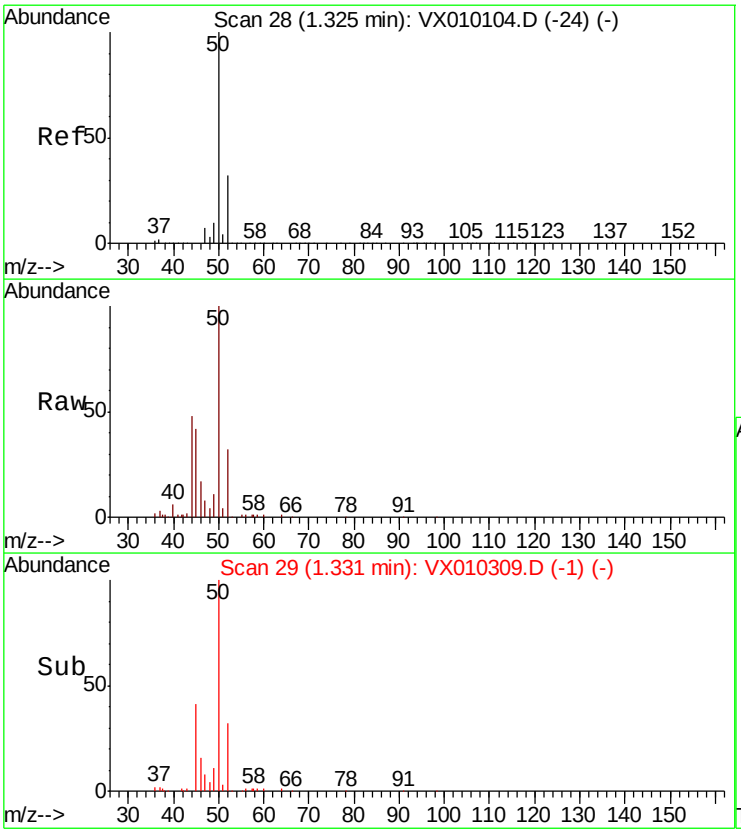
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 737
Delta R.T. -0.02 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion:168 Resp: 305400

Ion	Ratio	Lower	Upper
168	100		
99	45.8	43.0	64.6



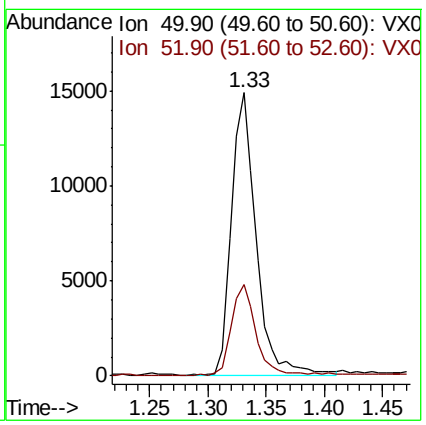
Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM

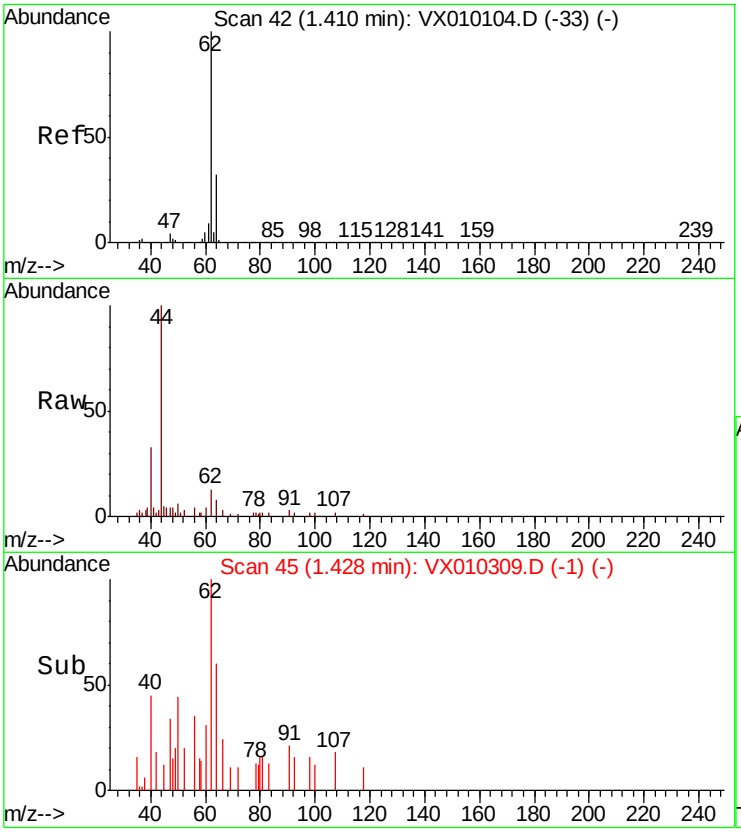


#3
Chloromethane
Concen: 8.006 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion: 50 Resp: 22343

Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.0	39.0



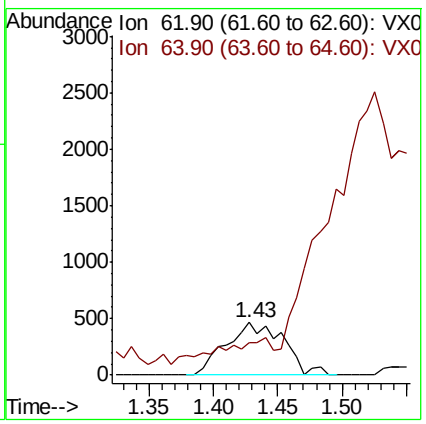


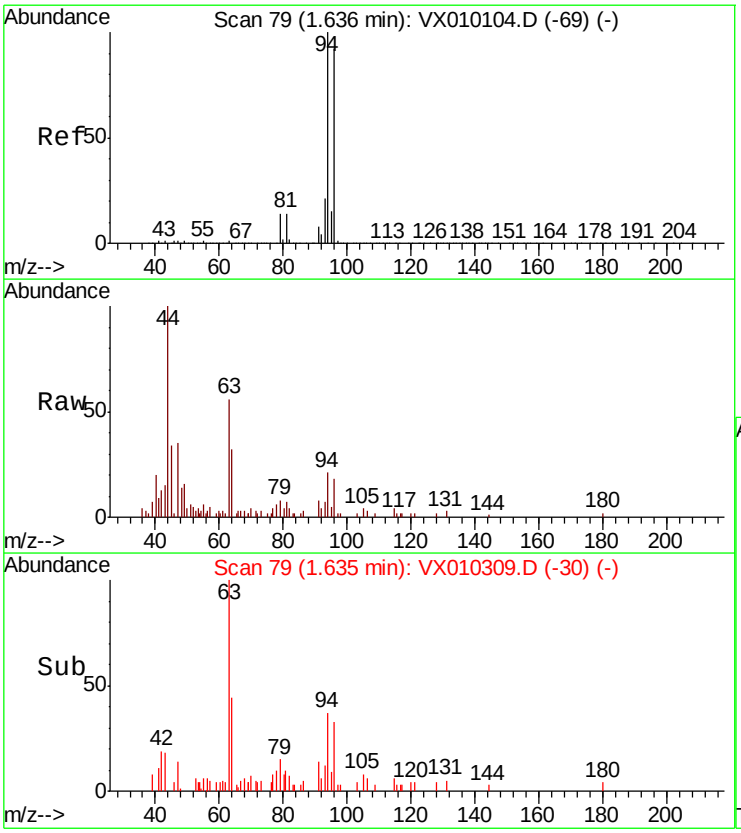
#4
Vinyl Chloride
Concen: 0.552 ug/l
RT: 1.43 min Scan# 45
Delta R.T. 0.02 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Instrument : MSVOA_X
ClientSampleId : VOC-DRUM

Tgt Ion: 62 Resp: 1448

Ion	Ratio	Lower	Upper
62	100		
64	22.2	25.7	38.5#

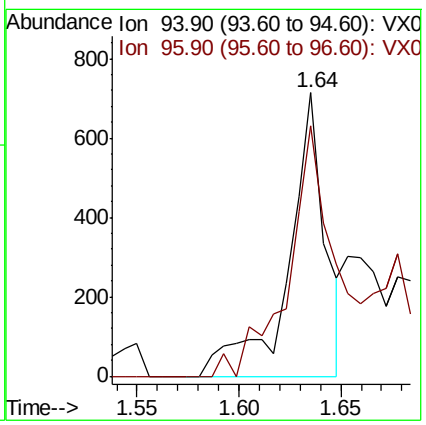


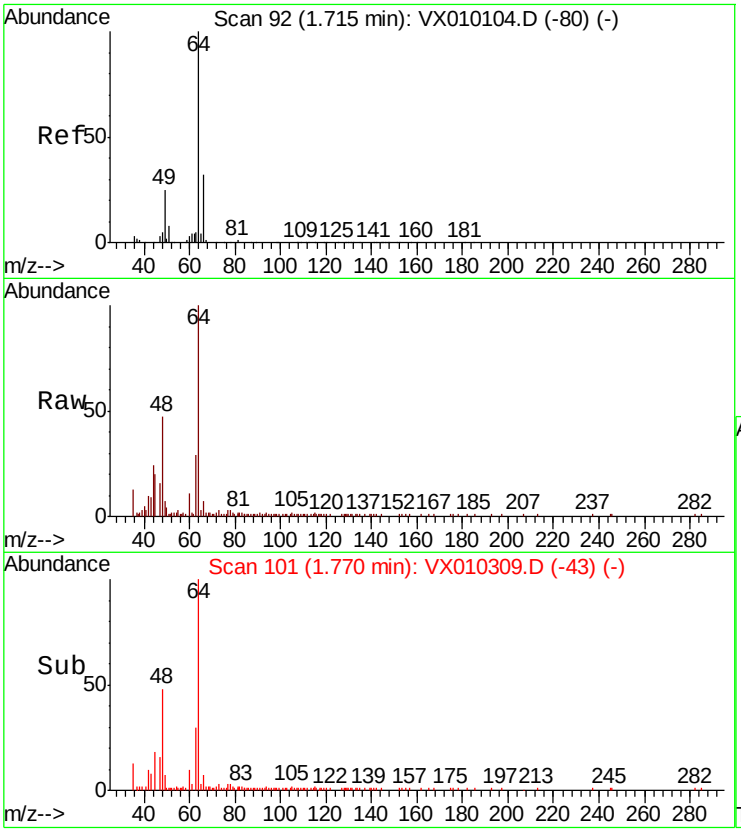


#5
Bromomethane
Concen: 0.900 ug/l
RT: 1.64 min Scan# 79
Delta R.T. -0.00 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion: 94 Resp: 891

Ion	Ratio	Lower	Upper
94	100		
96	88.2	76.2	114.4



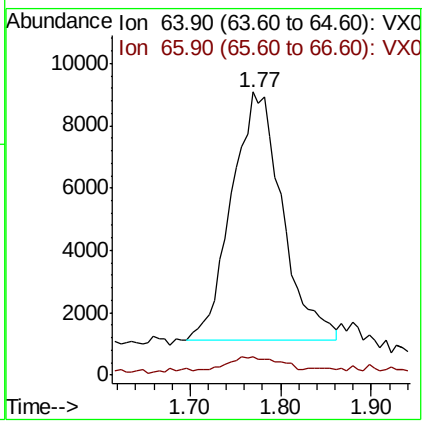


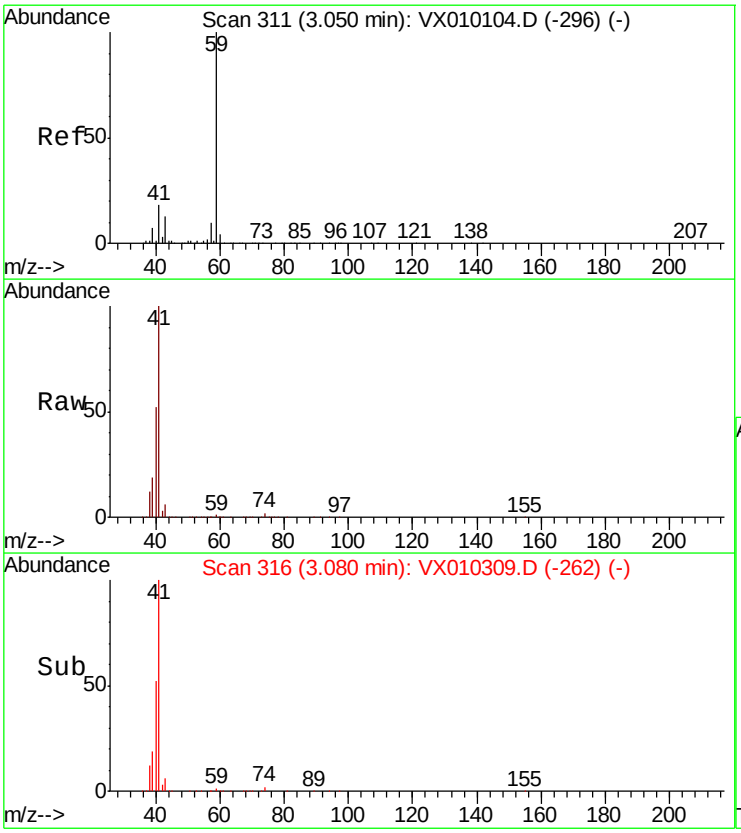
#6
Chloroethane
Concen: 23.278 ug/l
RT: 1.77 min Scan# 101
Delta R.T. 0.06 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM

Tgt Ion: 64 Resp: 30783

Ion	Ratio	Lower	Upper
64	100		
66	5.5	25.1	37.7#

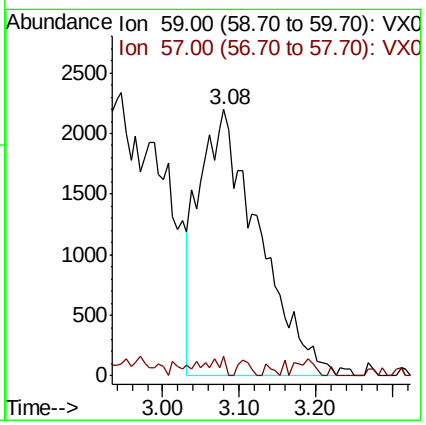


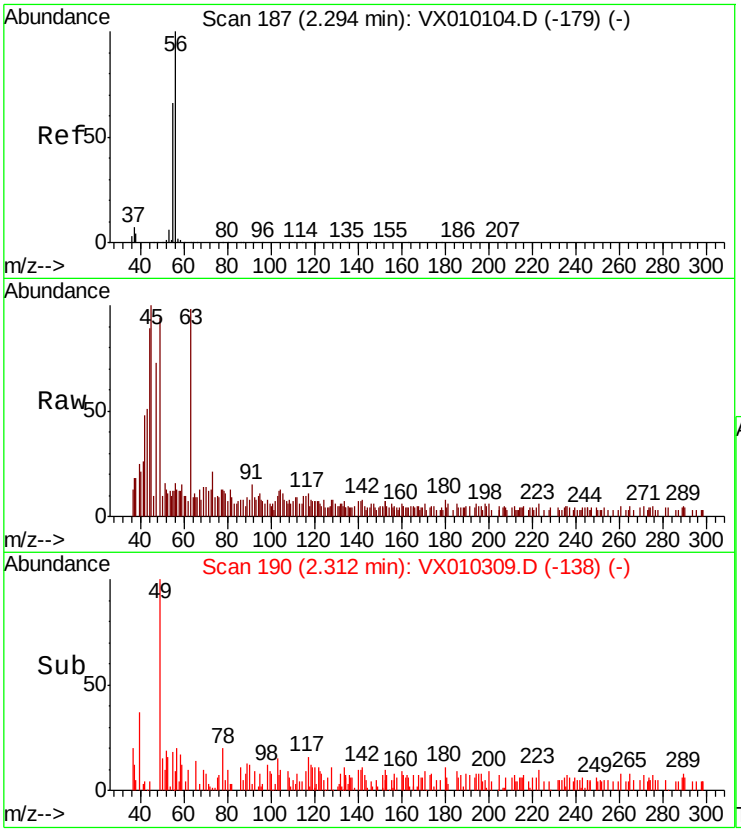


#11
Tert butyl alcohol
Concen: 16.290 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.03 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion: 59 Resp: 11896

Ion	Ratio	Lower	Upper
59	100		
57	1.2	8.2	12.2#



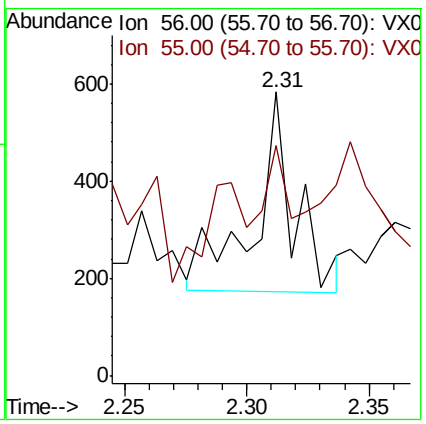


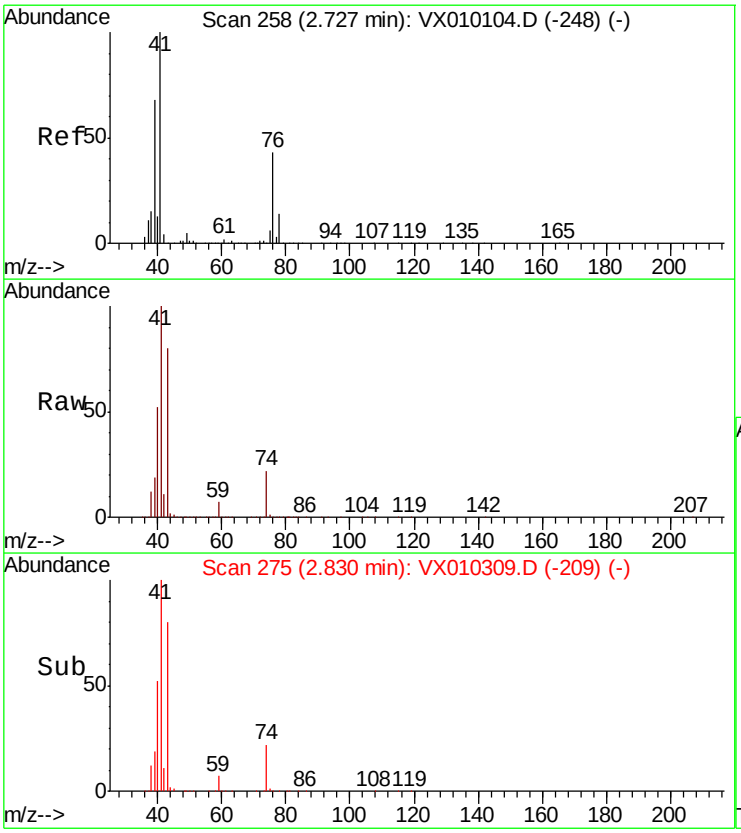
#13
Acrolein
Concen: 3.545 ug/l
RT: 2.31 min Scan# 190
Delta R.T. 0.02 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Instrument : MSVOA_X
ClientSampleId : VOC-DRUM

Tgt Ion: 56 Resp: 472

Ion	Ratio	Lower	Upper
56	100		
55	34.5	57.0	85.4#

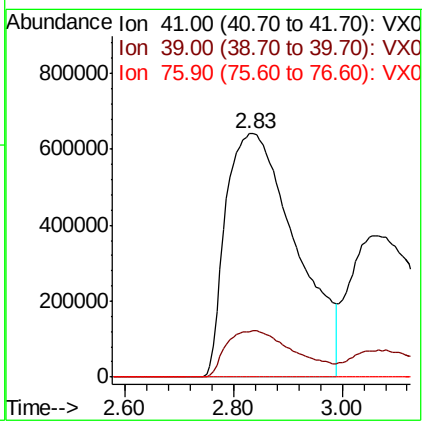


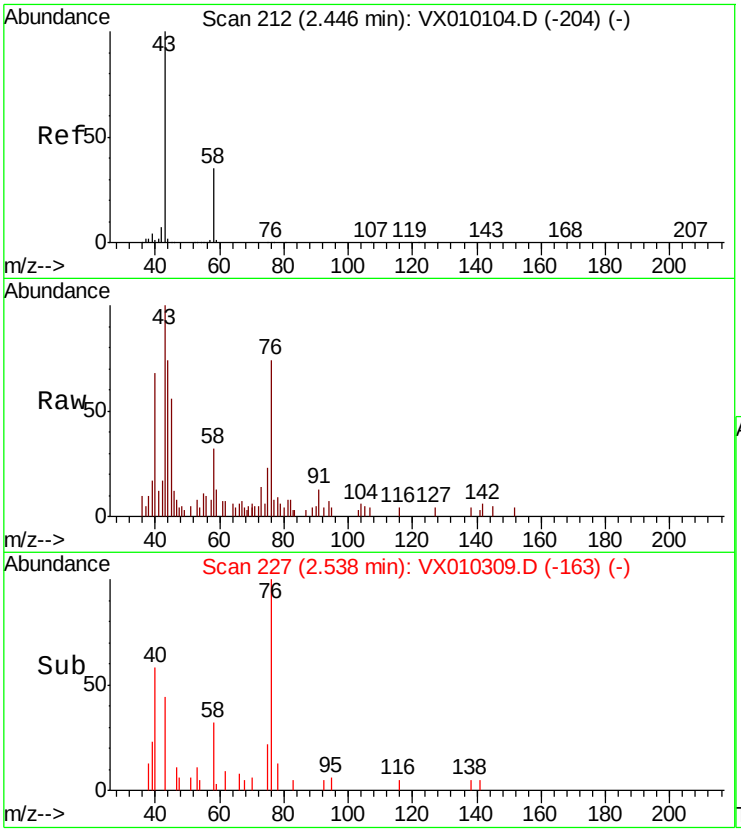


#14
Allyl chloride
Concen: 1389.343 ug/l
RT: 2.83 min Scan# 275
Delta R.T. 0.10 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion: 41 Resp: 5752889

Ion	Ratio	Lower	Upper
41	100		
39	18.9	46.7	70.1#
76	0.0	21.0	31.4#



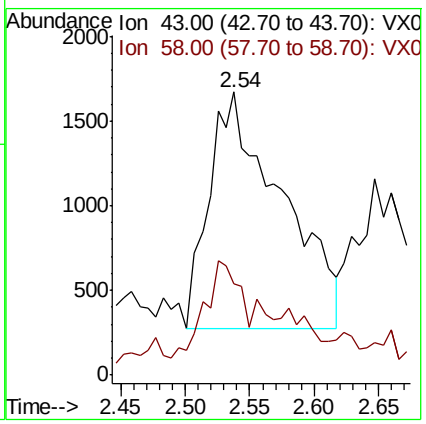


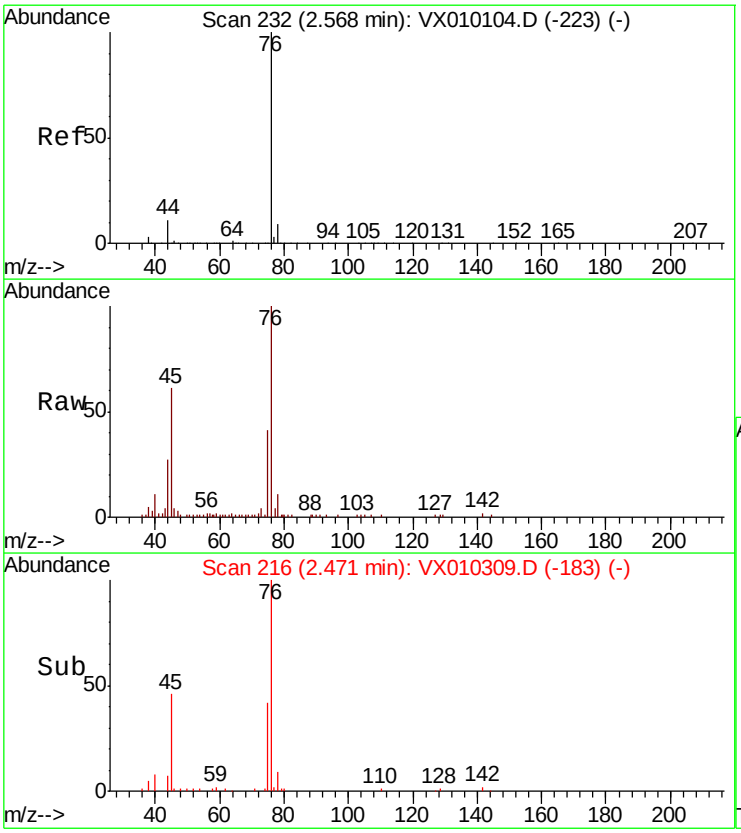
#16
Acetone
Concen: 3.894 ug/l
RT: 2.54 min Scan# 227
Delta R.T. 0.09 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM

Tgt Ion: 43 Resp: 5460

Ion	Ratio	Lower	Upper
43	100		
58	27.8	23.2	34.8

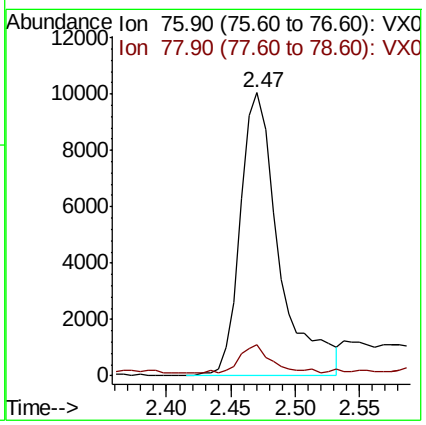


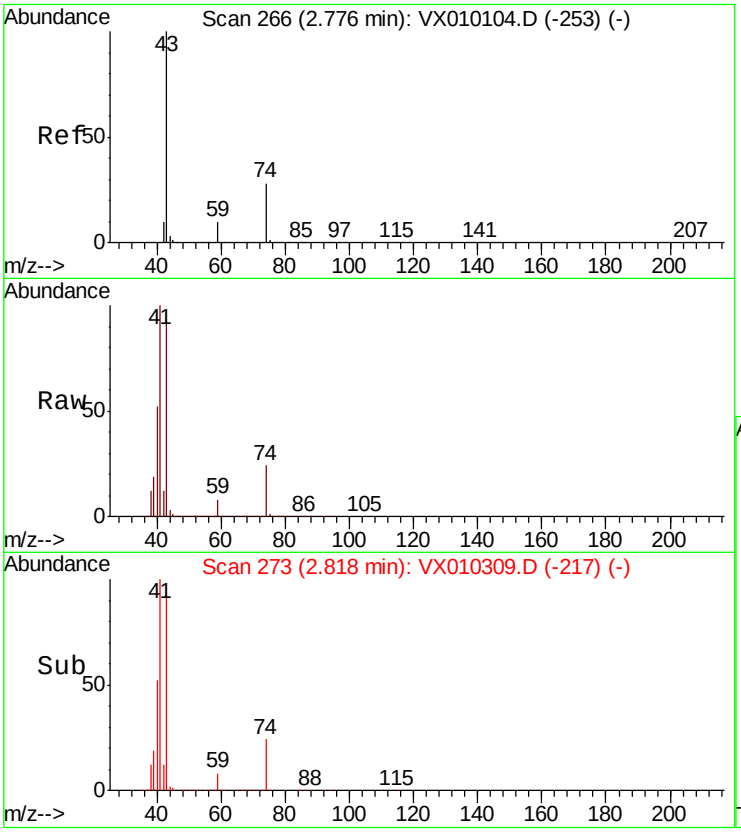


#17
Carbon Disulfide
Concen: 2.655 ug/l
RT: 2.47 min Scan# 216
Delta R.T. -0.10 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion: 76 Resp: 21046

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.0	10.6



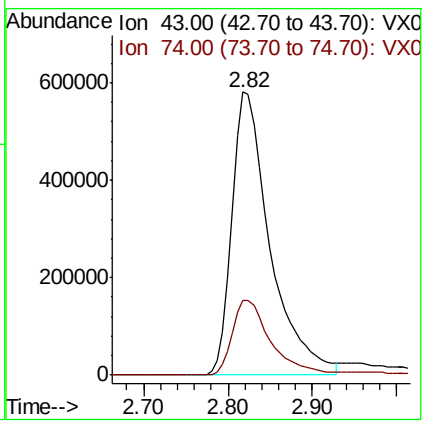


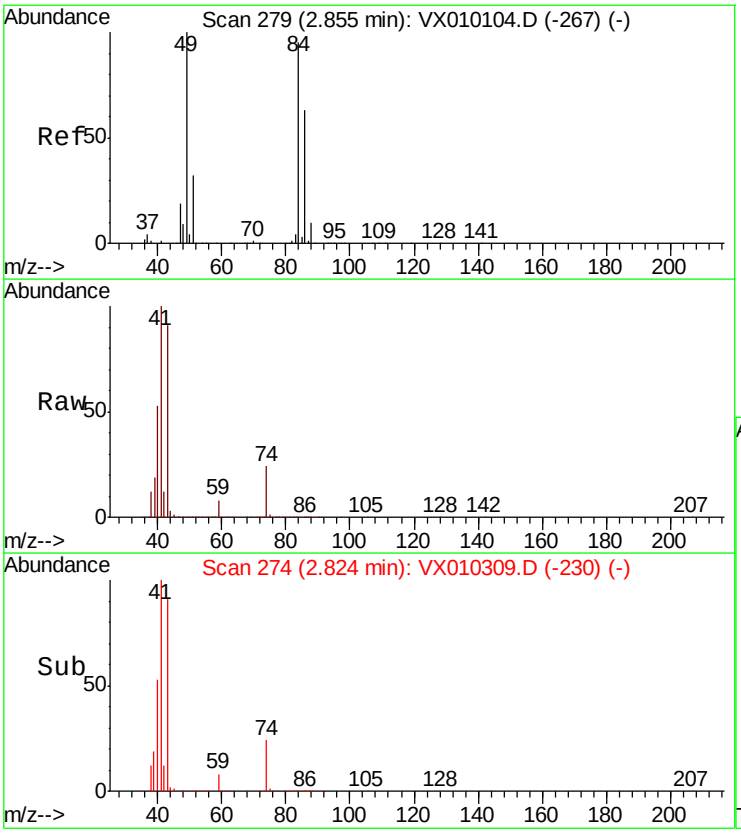
#18
Methyl Acetate
Concen: 580.157 ug/l
RT: 2.82 min Scan# 273
Delta R.T. 0.04 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Instrument : MSVOA_X
ClientSampleId : VOC-DRUM

Tgt Ion: 43 Resp: 1788929

Ion	Ratio	Lower	Upper
43	100		
74	26.9	15.8	23.6#

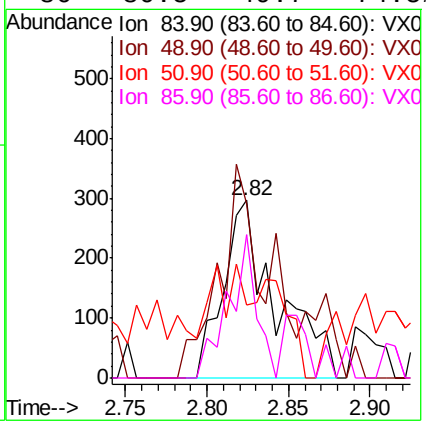


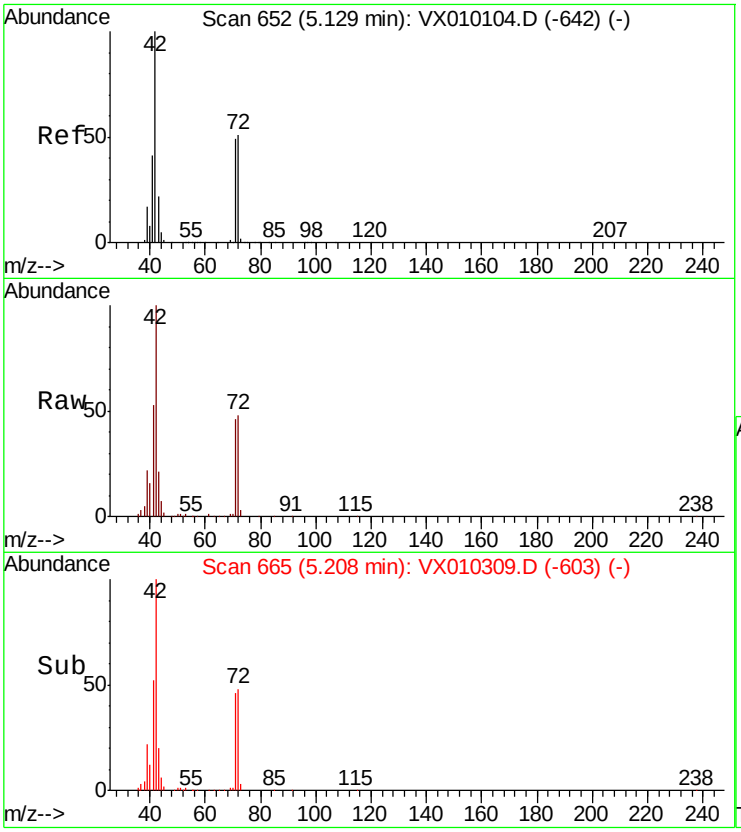


#20
Methylene Chloride
Concen: 0.217 ug/l
RT: 2.82 min Scan# 274
Delta R.T. -0.03 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion: 84 Resp: 668

Ion	Ratio	Lower	Upper
84	100		
49	76.1	115.8	173.6#
51	14.5	34.4	51.6#
86	80.5	49.7	74.5#



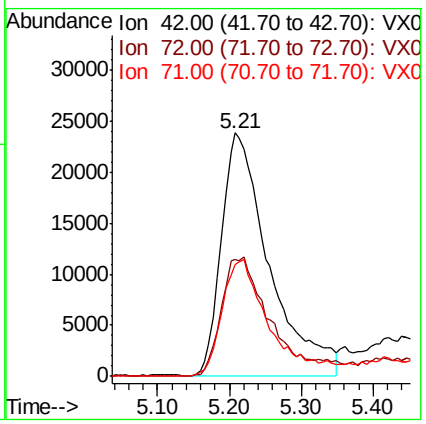


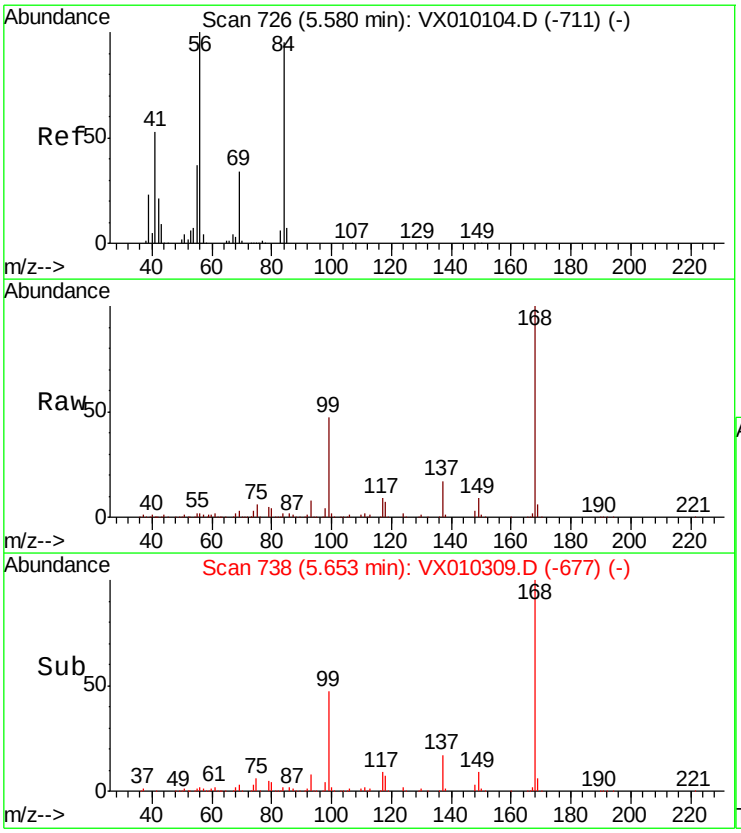
#29
Tetrahydrofuran
Concen: 84.138 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.08 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM

Tgt Ion: 42 Resp: 110400

Ion	Ratio	Lower	Upper
42	100		
72	48.0	29.2	43.8#
71	46.0	27.6	41.4#

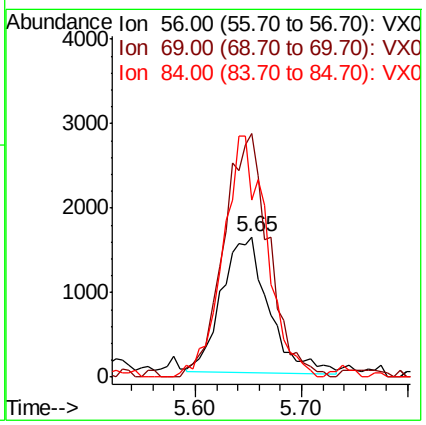


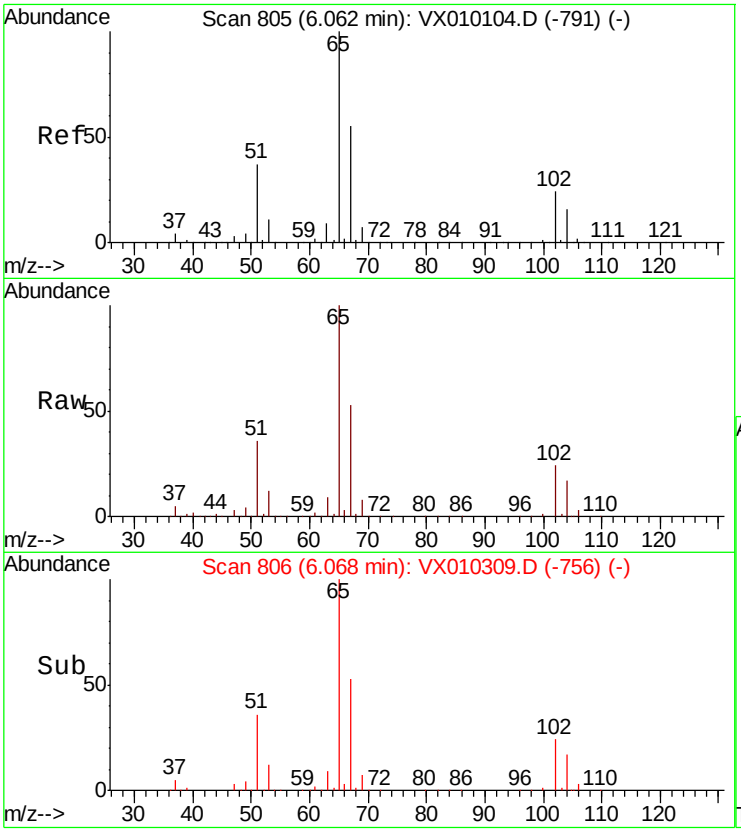


#31
Cyclohexane
Concen: 1.150 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion: 56 Resp: 4990

Ion	Ratio	Lower	Upper
56	100		
69	182.5	21.6	32.4#
84	129.0	56.8	85.2#



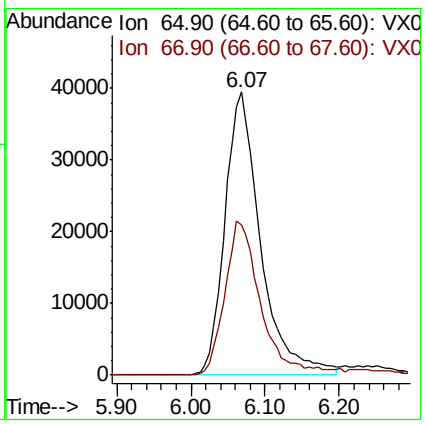


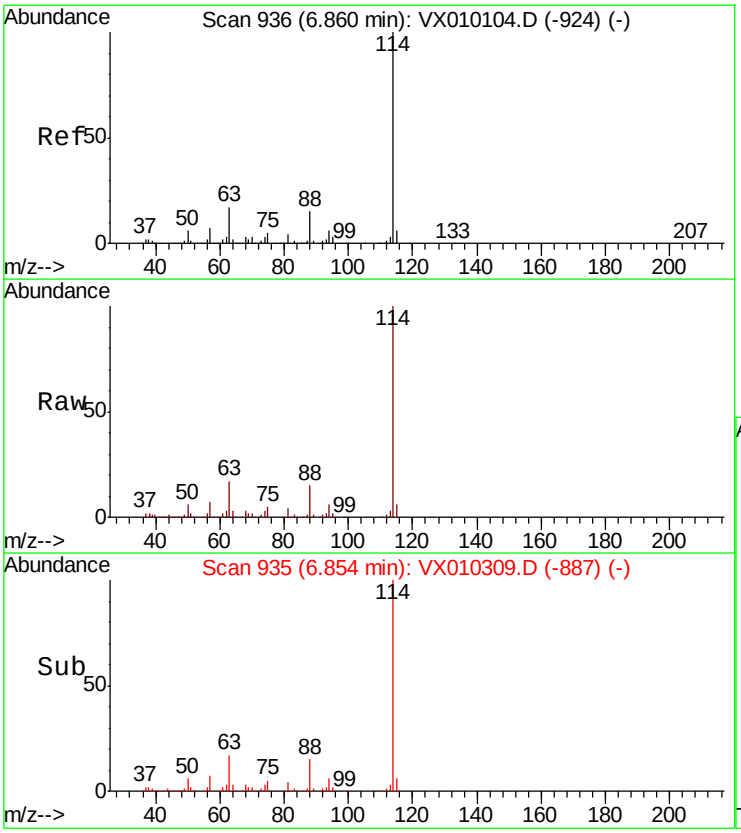
#33
1,2-Dichloroethane-d4
Concen: 44.415 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Instrument : MSVOA_X
ClientSampleId : VOC-DRUM

Tgt Ion: 65 Resp: 132402

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	108.4

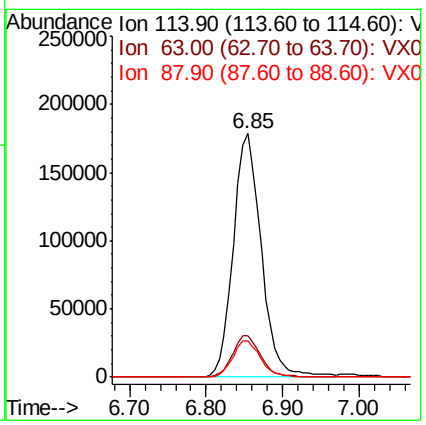


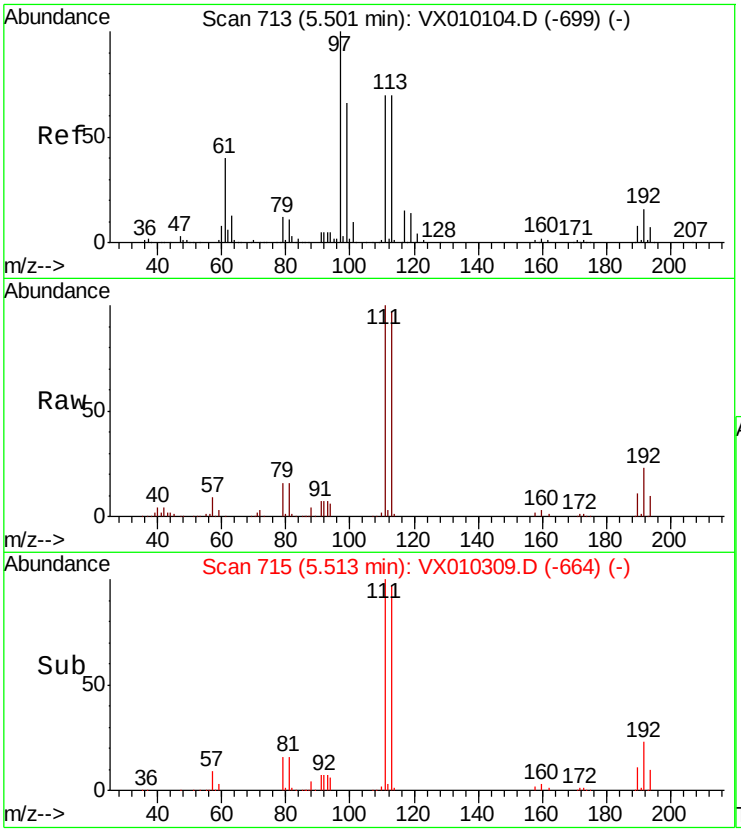


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion:114 Resp: 454161

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	47.4
88	14.8	0.0	33.0



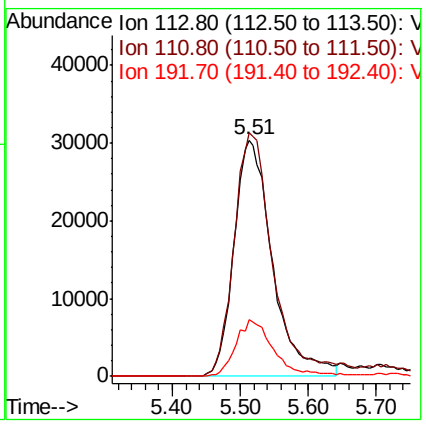


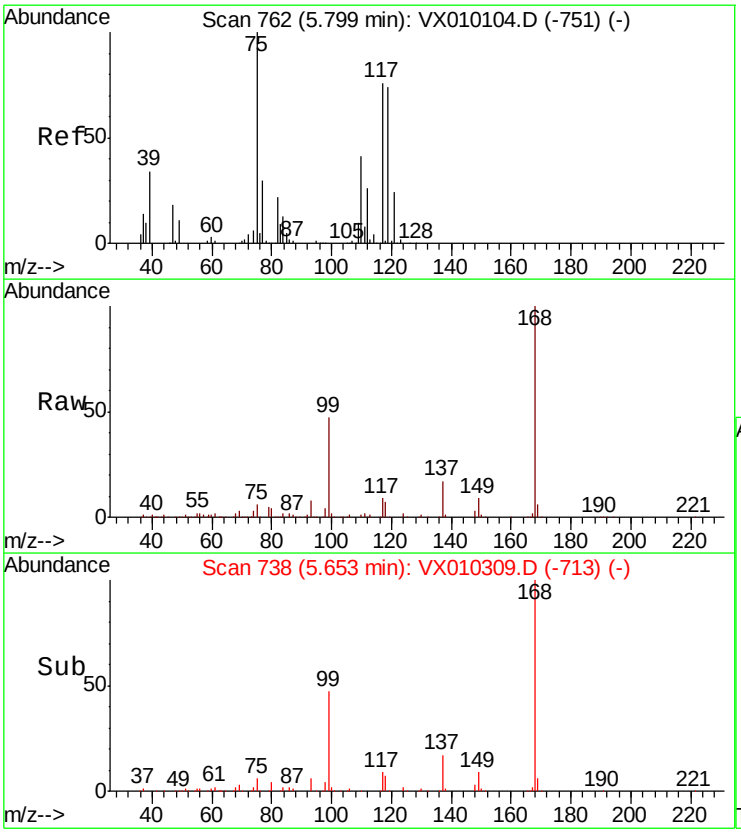
#35
Dibromofluoromethane
Concen: 42.850 ug/l
RT: 5.51 min Scan# 715
Delta R.T. 0.01 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM

Tgt Ion:113 Resp: 120039

Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.2	123.2
192	22.2	17.1	25.7

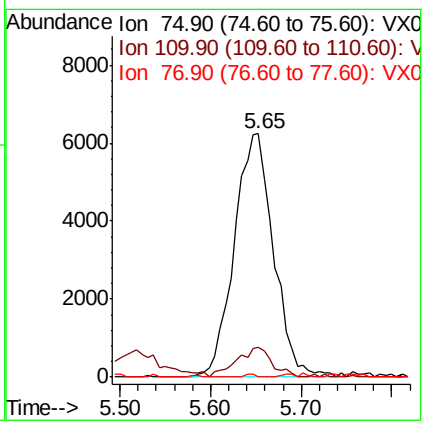


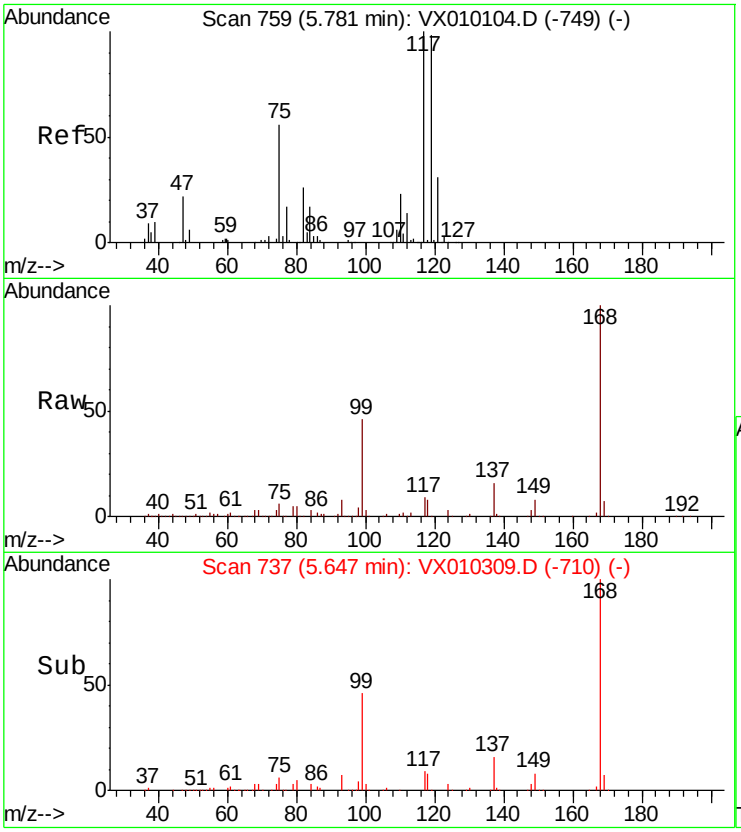


#36
1,1-Dichloropropene
Concen: 5.058 ug/l
RT: 5.65 min Scan# 738
Delta R.T. -0.15 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion: 75 Resp: 18741

Ion	Ratio	Lower	Upper
75	100		
110	11.0	16.7	50.1#
77	0.3	25.0	37.4#



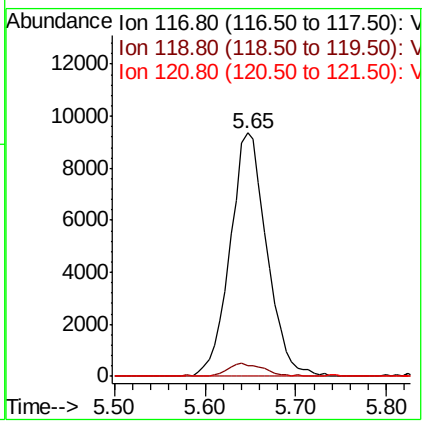


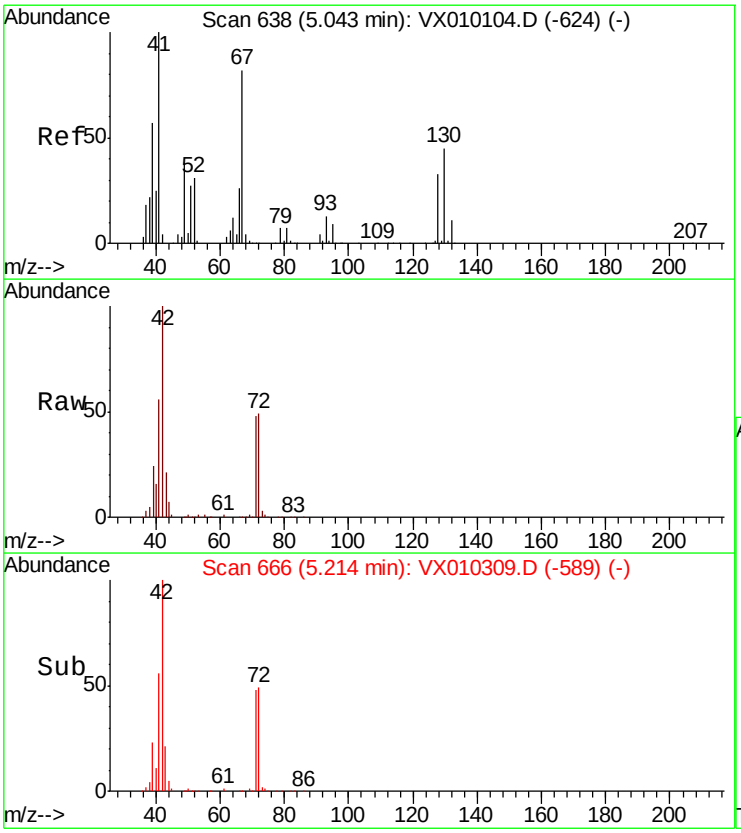
#38
Carbon Tetrachloride
Concen: 6.269 ug/l
RT: 5.65 min Scan# 737
Delta R.T. -0.13 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Instrument : MSVOA_X
ClientSampleId : VOC-DRUM

Tgt Ion:117 Resp: 26292

Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.3	115.9#
121	0.0	25.4	38.0#

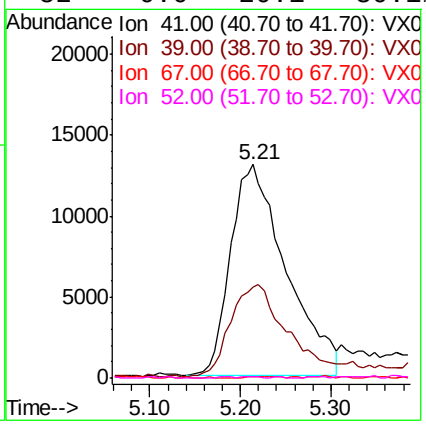


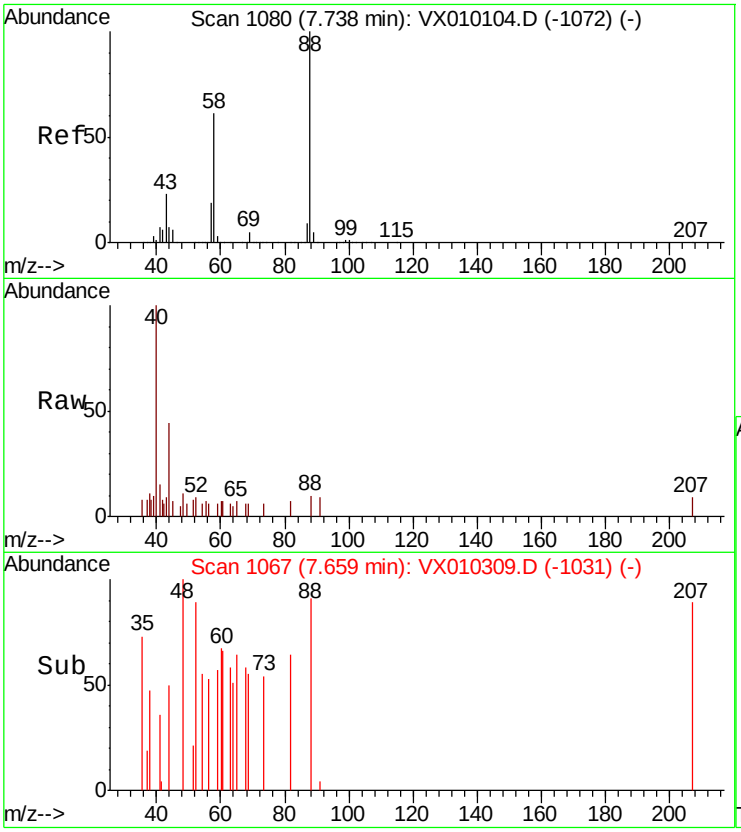


#41
Methacrylonitrile
Concen: 26.627 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.17 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion: 41 Resp: 55528

Ion	Ratio	Lower	Upper
41	100		
39	43.8	42.2	63.4
67	0.3	48.9	73.3#
52	0.0	20.1	30.1#



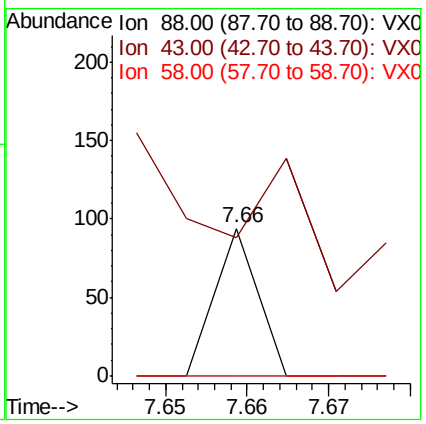


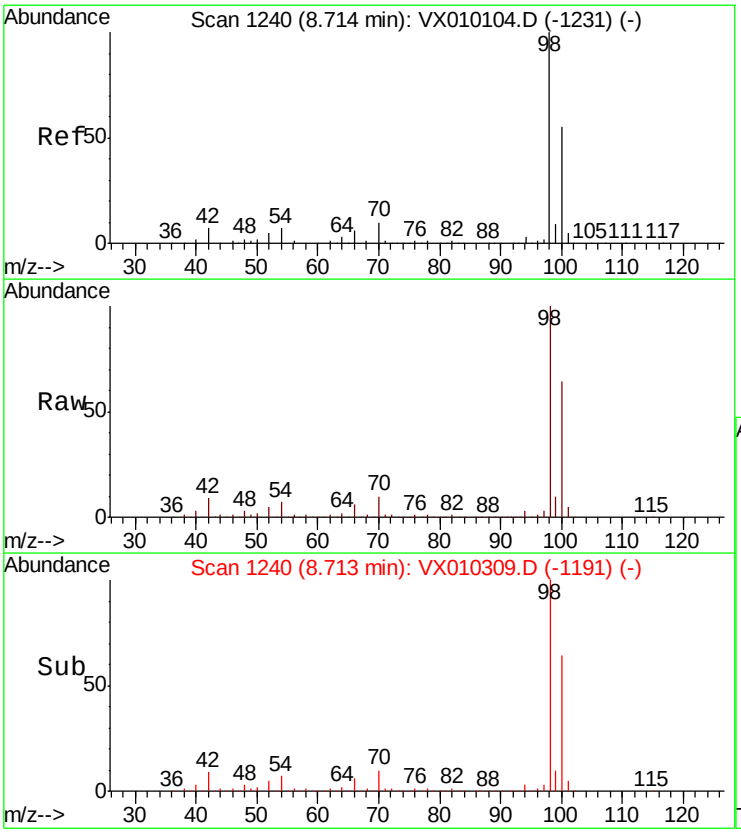
#49
1,4-Dioxane
Concen: 0.396 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.08 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM

Tgt Ion: 88 Resp: 34

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.2	45.4#
58	0.0	64.0	96.0#

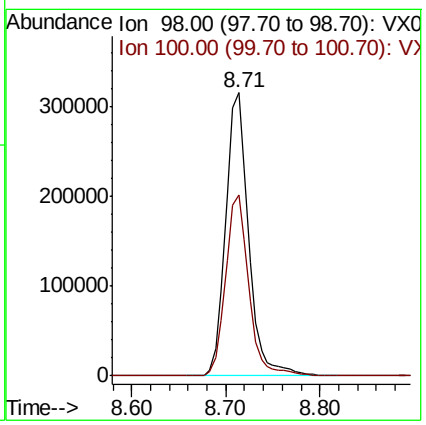


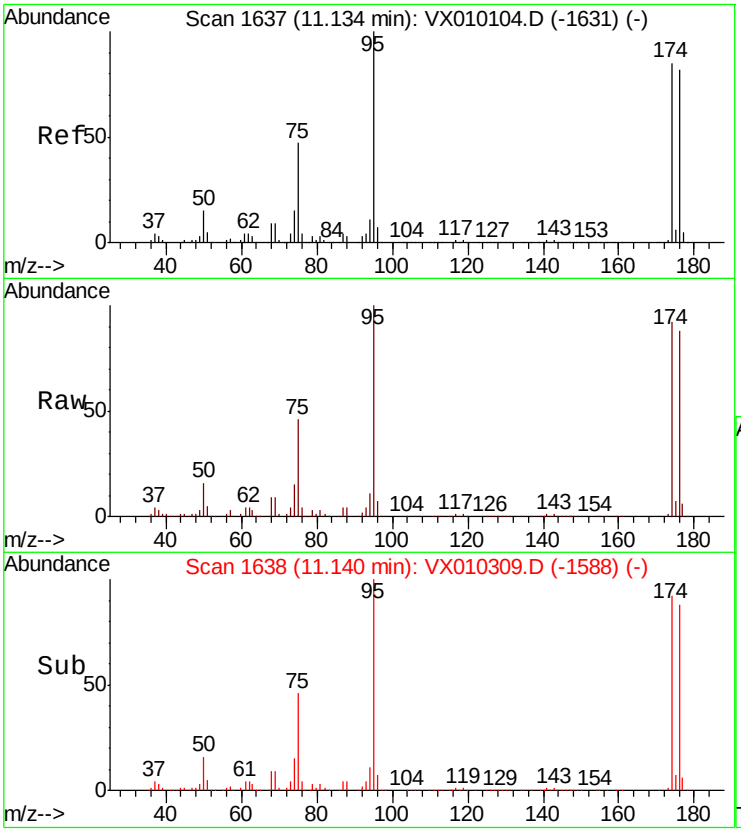


#50
Toluene-d8
Concen: 50.851 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion: 98 Resp: 533887

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.5	77.3



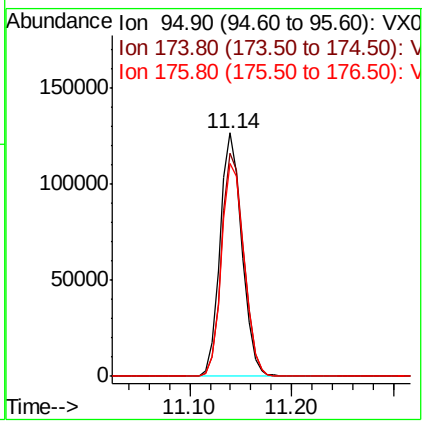


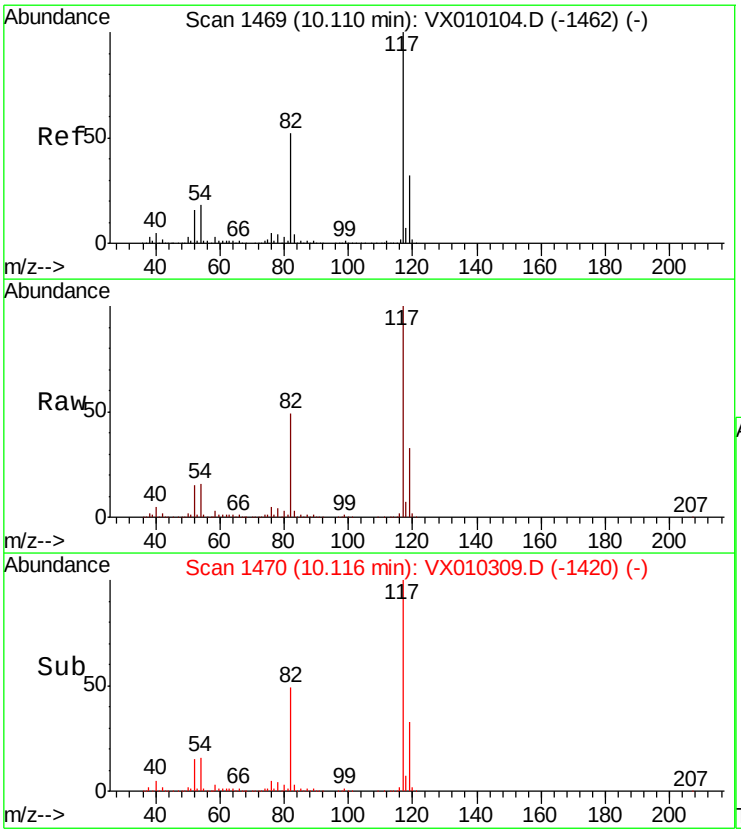
#62
4-Bromofluorobenzene
Concen: 48.240 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM

Tgt Ion: 95 Resp: 189150

Ion	Ratio	Lower	Upper
95	100		
174	93.1	0.0	160.4
176	90.1	0.0	154.6

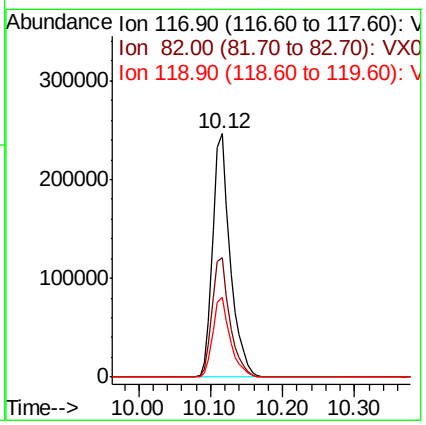


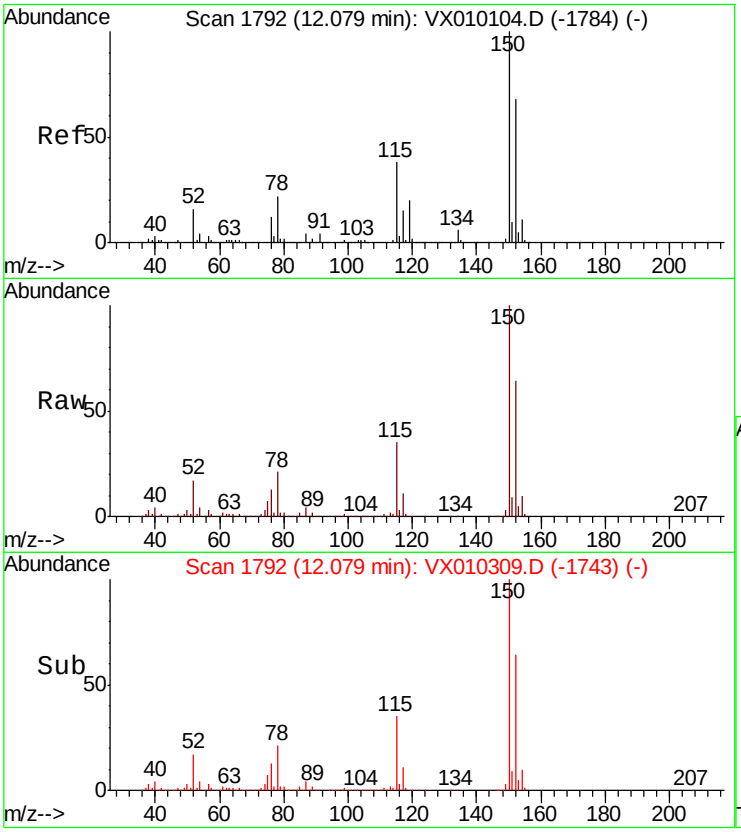


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion:117 Resp: 416144

Ion	Ratio	Lower	Upper
117	100		
82	48.9	49.2	73.8#
119	32.6	25.2	37.8



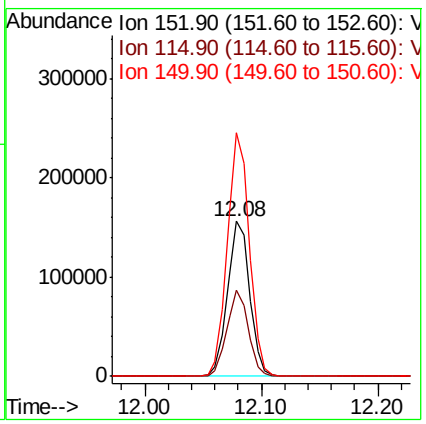


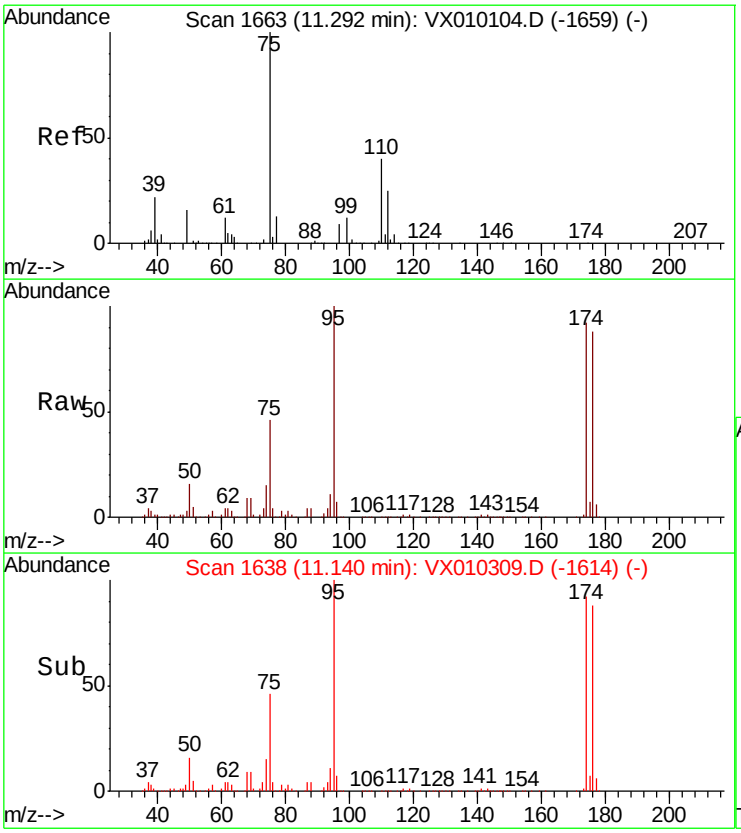
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM

Tgt Ion:152 Resp: 206420

Ion	Ratio	Lower	Upper
152	100		
115	53.7	41.4	124.2
150	156.3	0.0	345.2

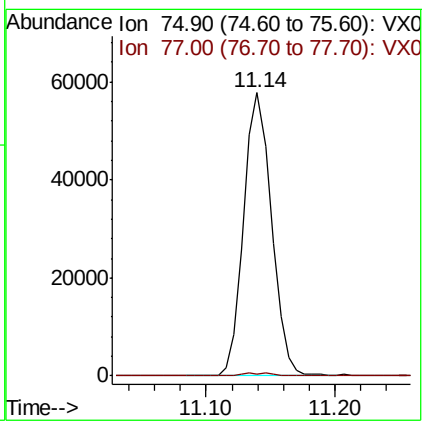


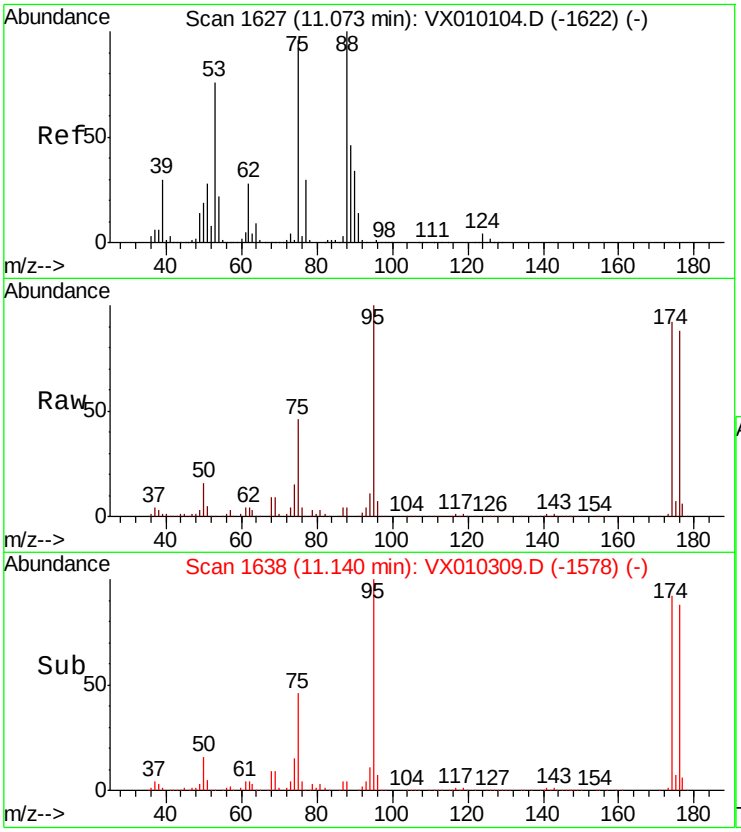


#76
1,2,3-Trichloropropane
Concen: 20.834 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.15 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Tgt Ion: 75 Resp: 86018

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.1	66.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 46.031 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX010309.D
Acq: 14 Jun 2019 18:36

Instrument :
MSVOA_X
ClientSampleId :
VOC-DRUM

Tgt Ion: 75 Resp: 86018

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.8	119.6#
89	0.0	34.2	51.4#