Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008661.D
Acq On : 05 Apr 2019 01:49
Operator : JC/SP
Sample : K2274-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : ST006MW081-190403

Quant Time: Apr 05 07:14:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	354954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	305425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	147262	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.24%			
35) Dibromofluoromethane	5.50	113	107695	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.90%			
50) Toluene-d8	8.71	98	442657	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.98%			
62) 4-Bromofluorobenzene	11.13	95	148801	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.88%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	520	Below Cal	#	76
4) Vinyl Chloride	1.41	62	1726	0.523	ug/l #	82
5) Bromomethane	1.64	94	413	2.130	ug/l #	61
6) Chloroethane	1.76	64	73	Below Cal	#	81
11) Tert butyl alcohol	3.03	59	230	0.318	ug/l #	72
16) Acetone	2.44	43	1257	0.706	ug/l #	78
17) Carbon Disulfide	2.57	76	617	Below Cal	#	56
21) trans-1,2-Dichloroethene	3.17	96	4403	1.661	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	48875	16.033	ug/l	88
28) Bromochloromethane	5.01	49	22	Below Cal	#	22
31) Cyclohexane	5.67	56	4557	0.853	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	17712	4.565	ug/l #	50
37) Ethyl Acetate	4.80	43	1321	0.255	ug/l #	70
38) Carbon Tetrachloride	5.66	117	20681	6.440	ug/l #	17
44) Trichloroethene	7.21	130	36168	13.435	ug/l	99
51) 4-Methyl-2-Pentanone	8.71	43	2403	0.460	ug/l #	1
60) Dibromochloromethane	9.34	129	10674	4.141	ug/l #	11
64) Tetrachloroethene	9.34	164	10964	4.845	ug/l	90
76) 1,2,3-Trichloropropane	11.13	75	74593	21.752	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	74593	59.959	ug/l #	9

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

Quantitation Report (Not Reviewed)

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ST006MW081-190403

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Quant Title : SW846 8260
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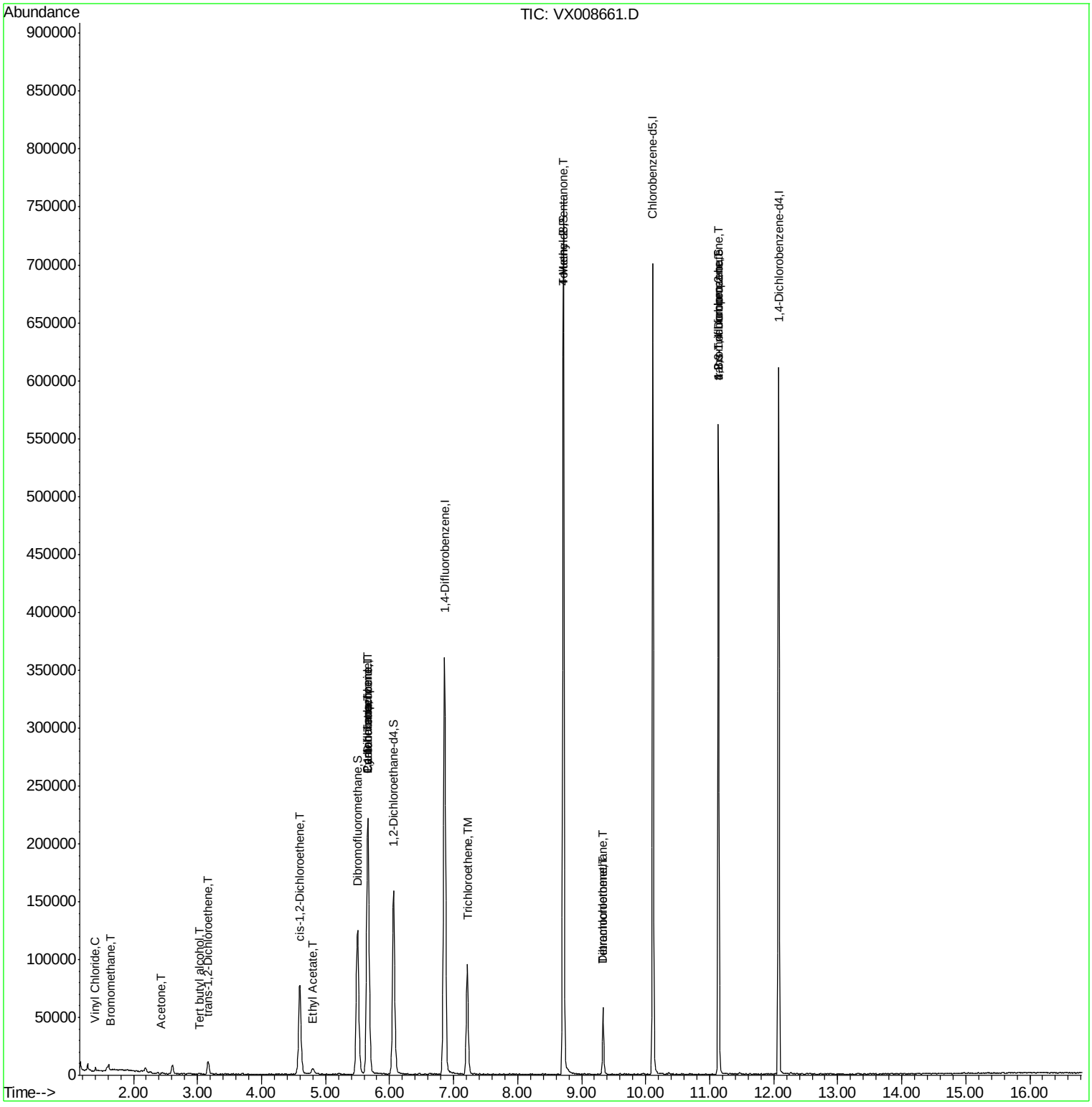
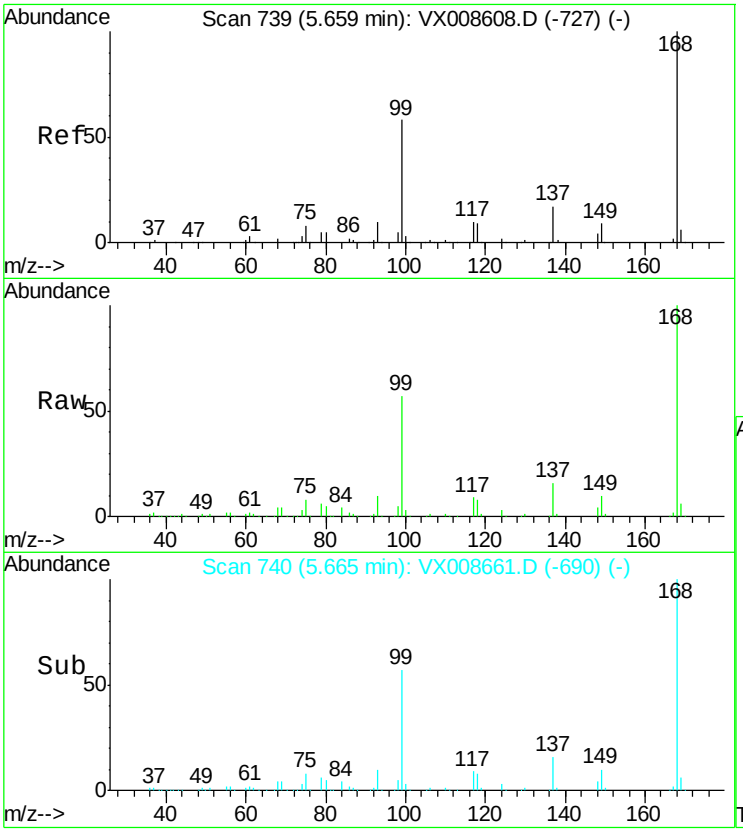
Response via : Initial Calibration



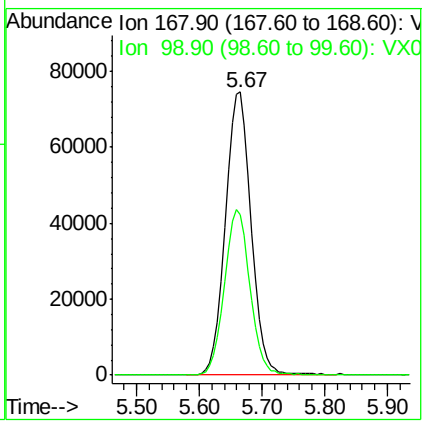


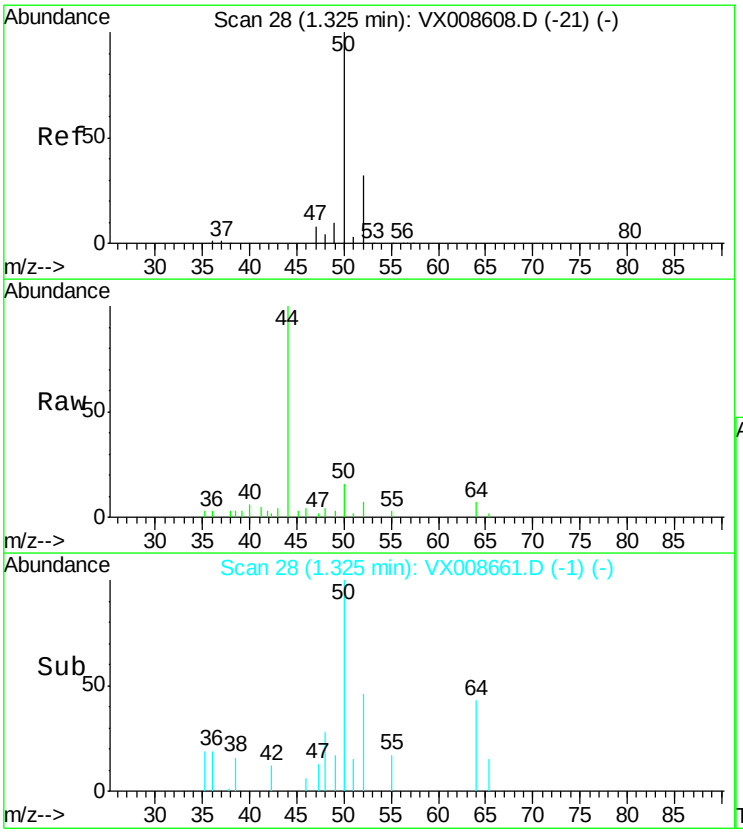
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Instrument :
MSVOA_X
ClientSampleId :
ST006MW081-190403

Tgt Ion:168 Resp: 212028

Ion	Ratio	Lower	Upper
168	100		
99	56.6	46.7	70.1

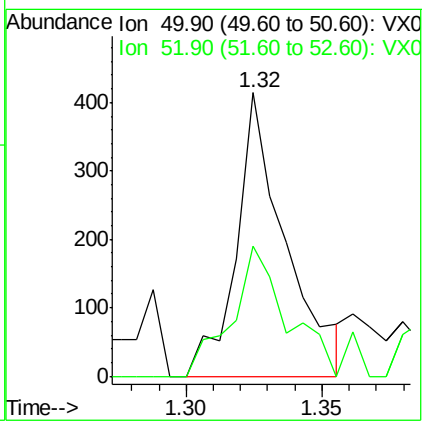


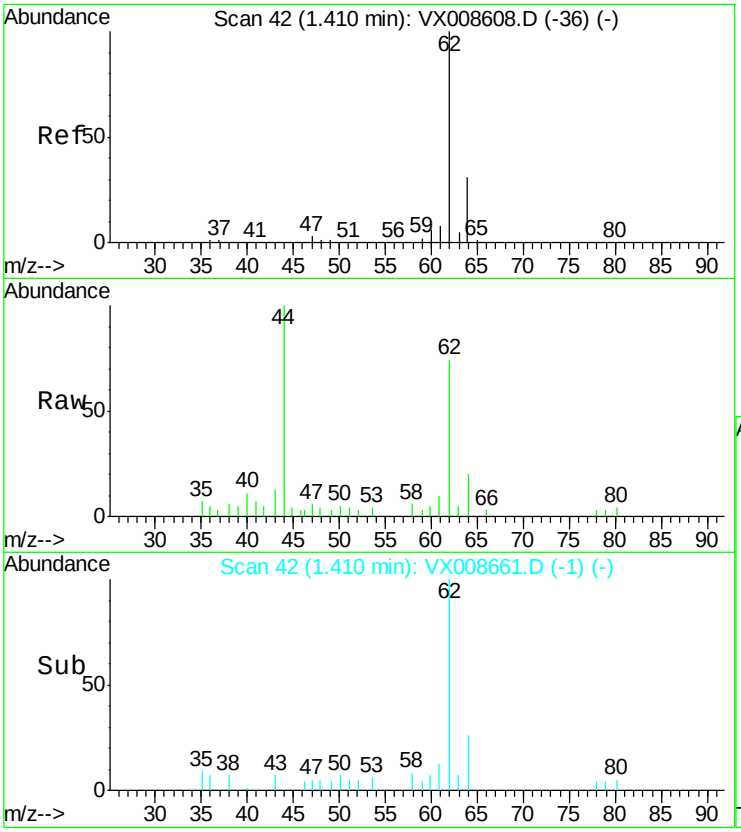


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Tgt Ion: 50 Resp: 520

Ion	Ratio	Lower	Upper
50	100		
52	45.9	25.8	38.8#



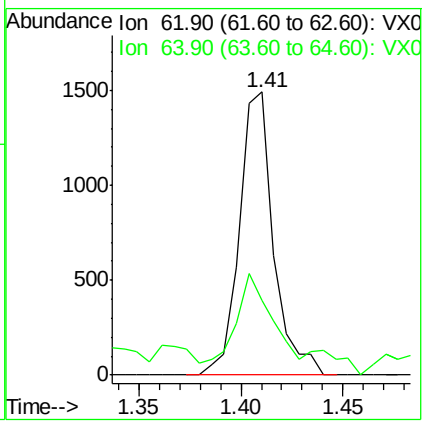


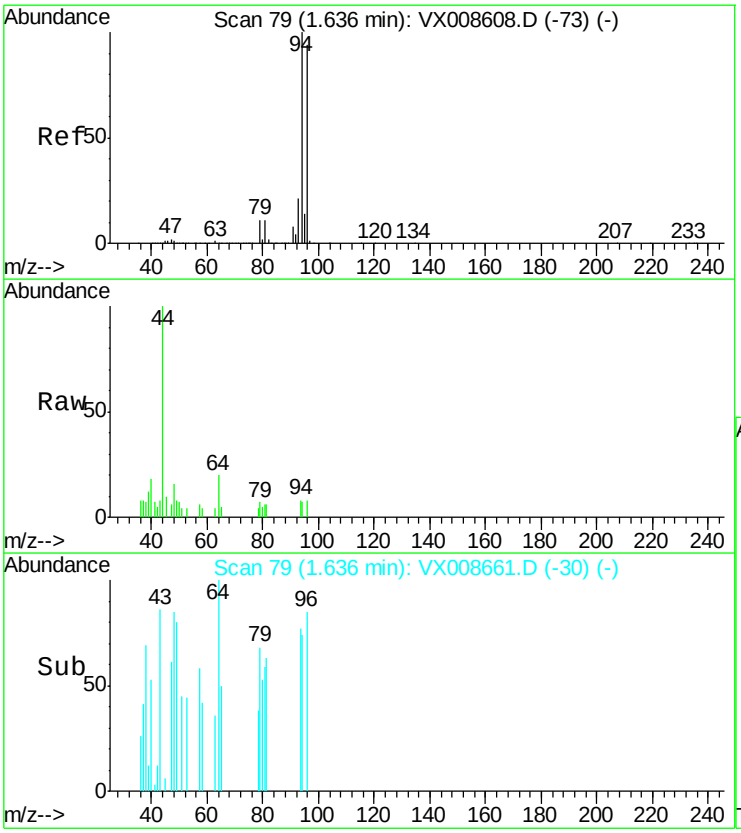
#4
Vinyl Chloride
Concen: 0.523 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Instrument :
MSVOA_X
ClientSampleId :
ST006MW081-190403

Tgt Ion: 62 Resp: 1726

Ion	Ratio	Lower	Upper
62	100		
64	20.8	24.7	37.1#

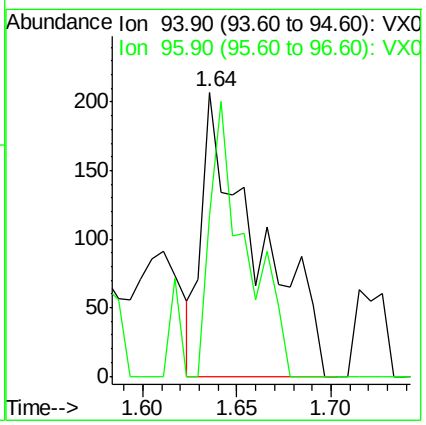


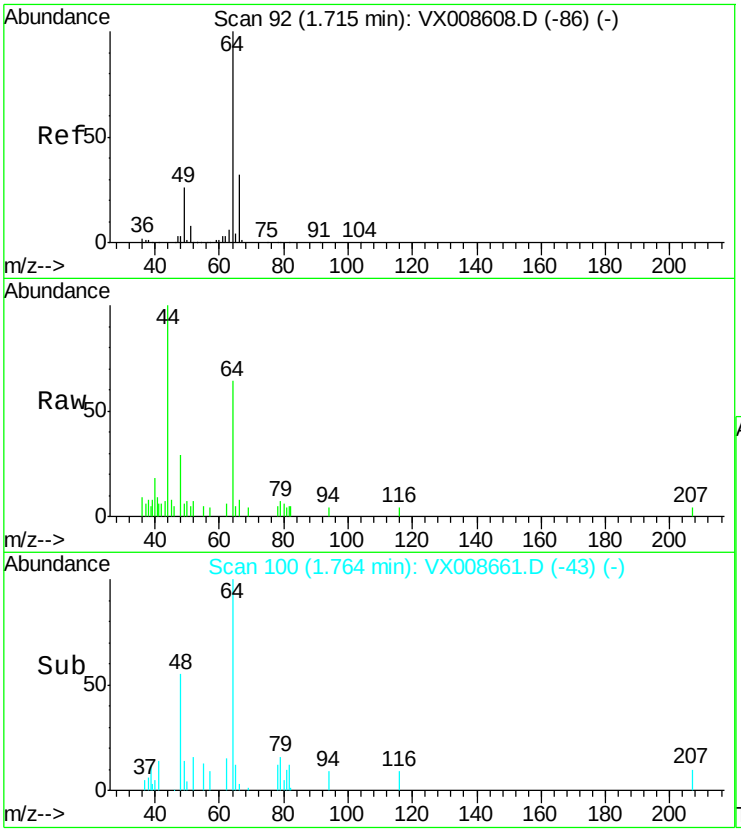


#5
Bromomethane
Concen: 2.130 ug/l
RT: 1.64 min Scan# 79
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Tgt Ion: 94 Resp: 413

Ion	Ratio	Lower	Upper
94	100		
96	56.5	75.2	112.8#



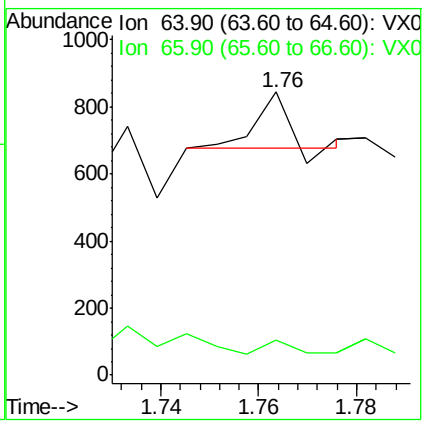


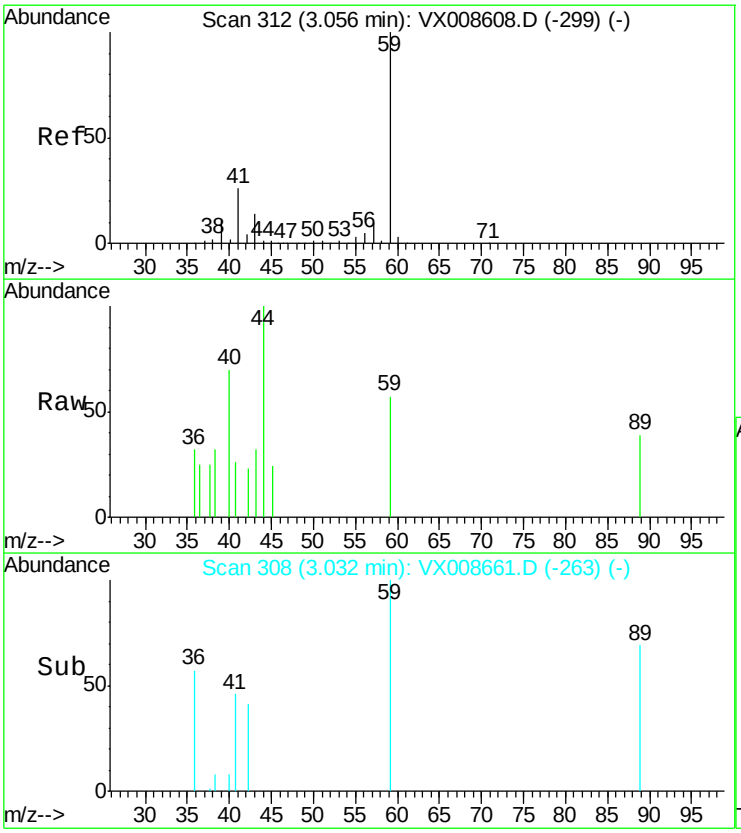
#6
Chloroethane
Concen: Below Cal
RT: 1.76 min Scan# 100
Delta R.T. 0.05 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Instrument :
MSVOA_X
ClientSampleId :
ST006MW081-190403

Tgt Ion: 64 Resp: 73

Ion	Ratio	Lower	Upper
64	100		
66	21.4	25.4	38.0#

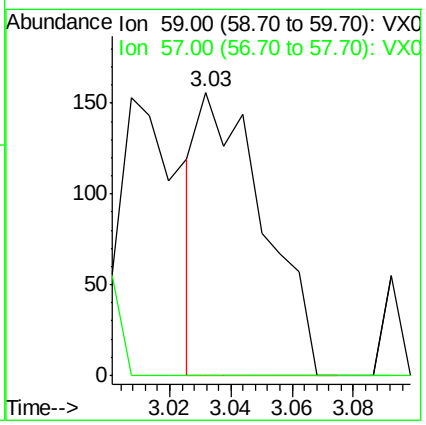


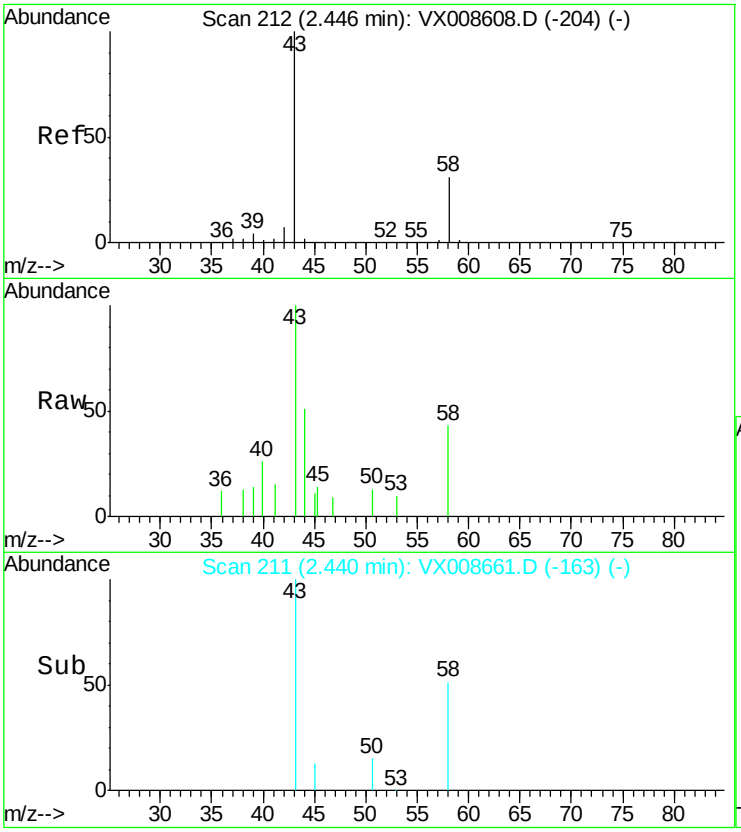


#11
Tert butyl alcohol
Concen: 0.318 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.02 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Tgt Ion: 59 Resp: 230

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



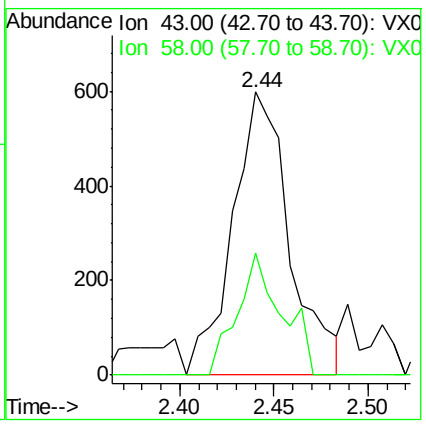


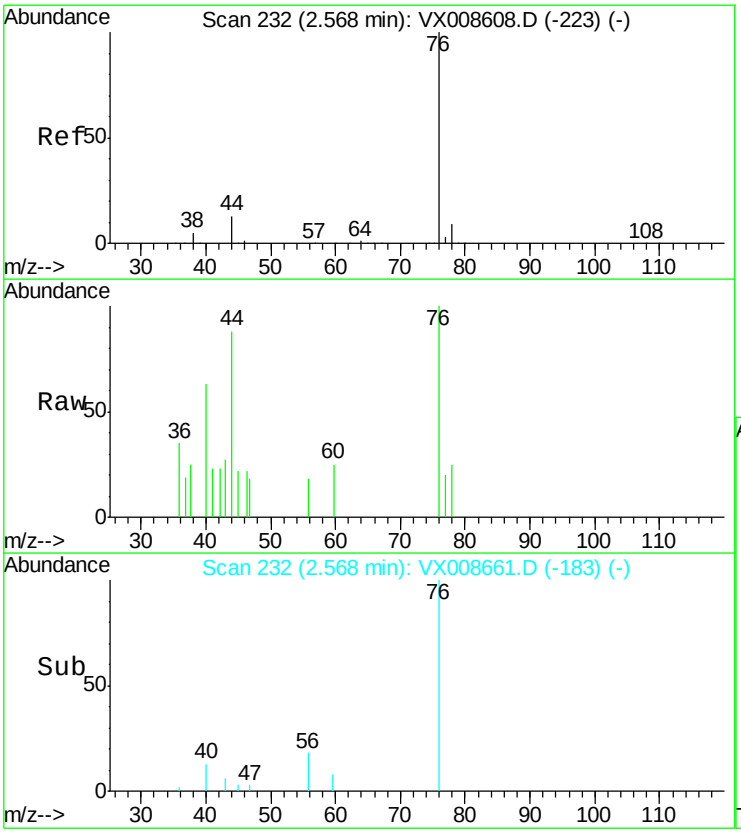
#16
Acetone
Concen: 0.706 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Instrument :
MSVOA_X
ClientSampleId :
ST006MW081-190403

Tgt Ion: 43 Resp: 1257

Ion	Ratio	Lower	Upper
43	100		
58	43.3	24.8	37.2#

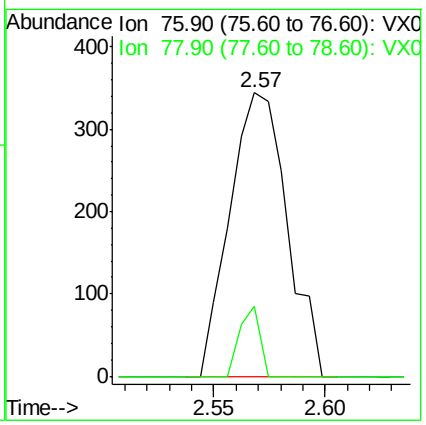


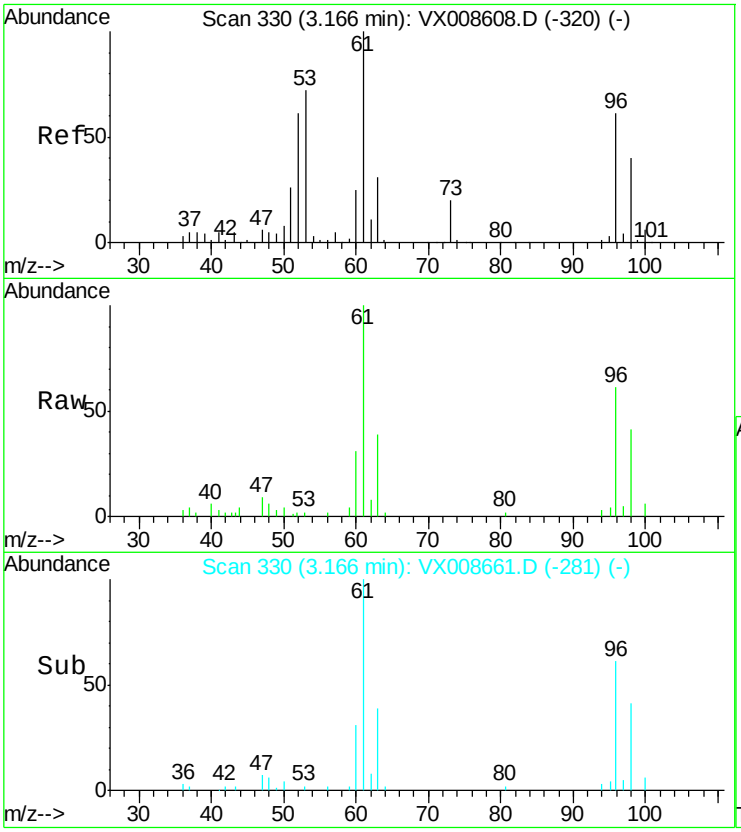


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Tgt Ion: 76 Resp: 617

Ion	Ratio	Lower	Upper
76	100		
78	24.7	7.1	10.7#



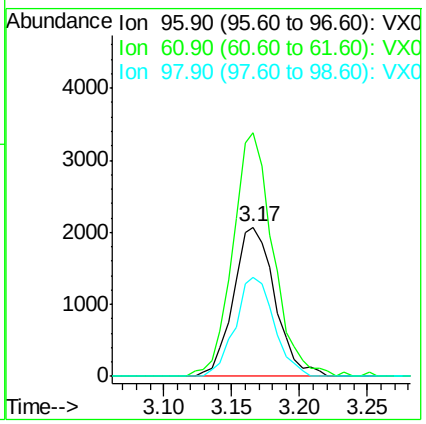


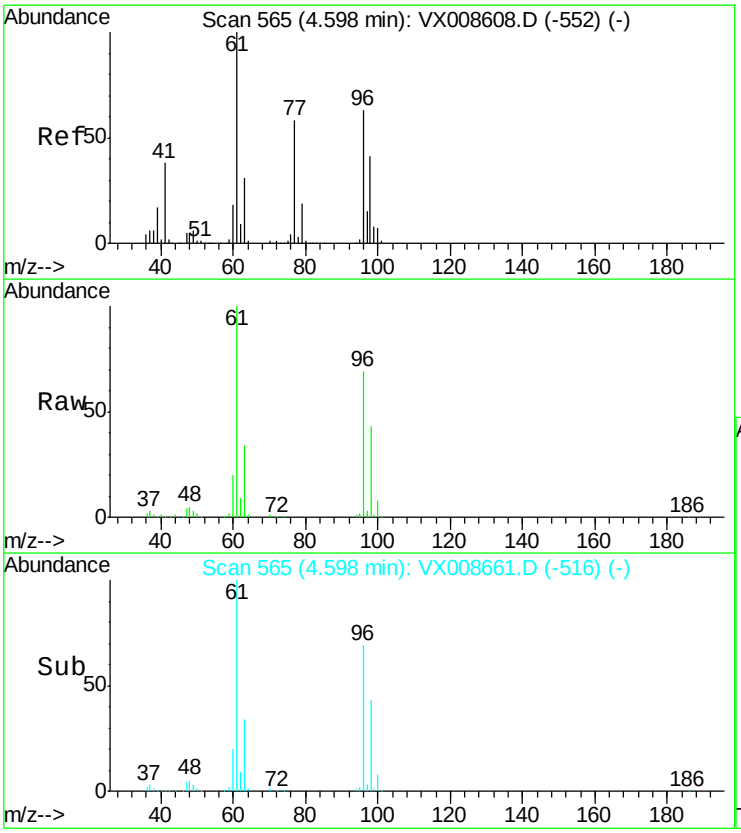
#21
trans-1,2-Dichloroethene
Concen: 1.661 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Instrument :
MSVOA_X
ClientSampleId :
ST006MW081-190403

Tgt Ion: 96 Resp: 4403

Ion	Ratio	Lower	Upper
96	100		
61	163.4	132.1	198.1
98	66.8	52.2	78.2

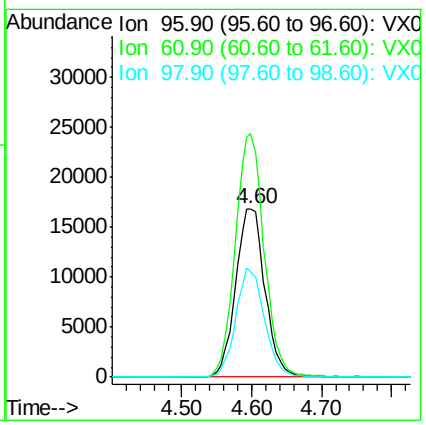


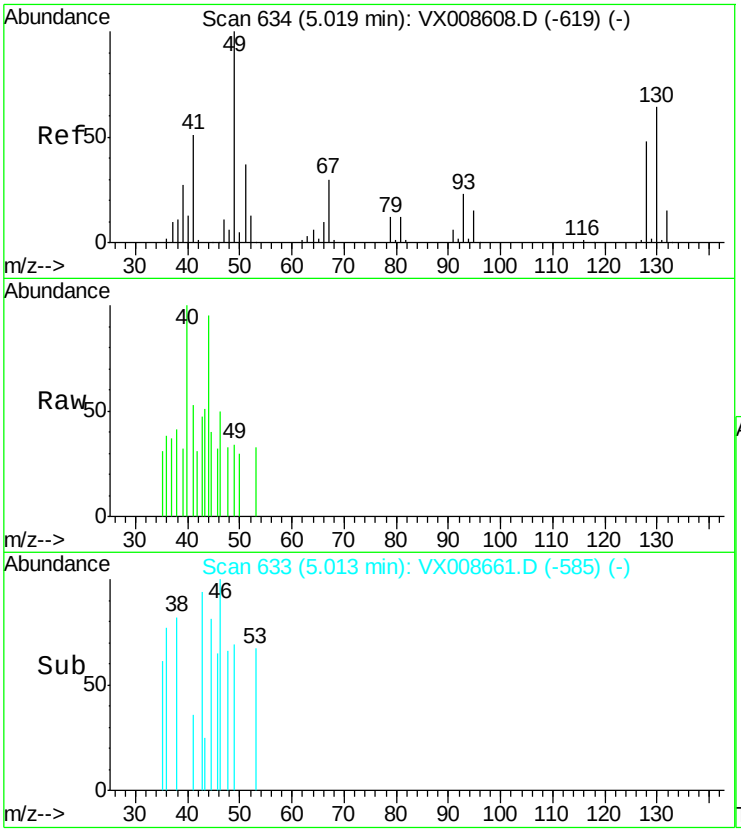


#27
cis-1,2-Dichloroethene
Concen: 16.033 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Tgt Ion: 96 Resp: 48875

Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	327.6
98	63.4	0.0	128.6



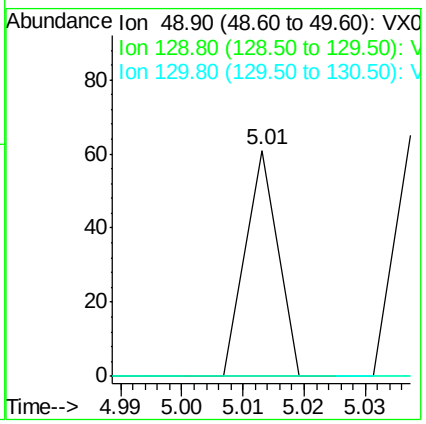


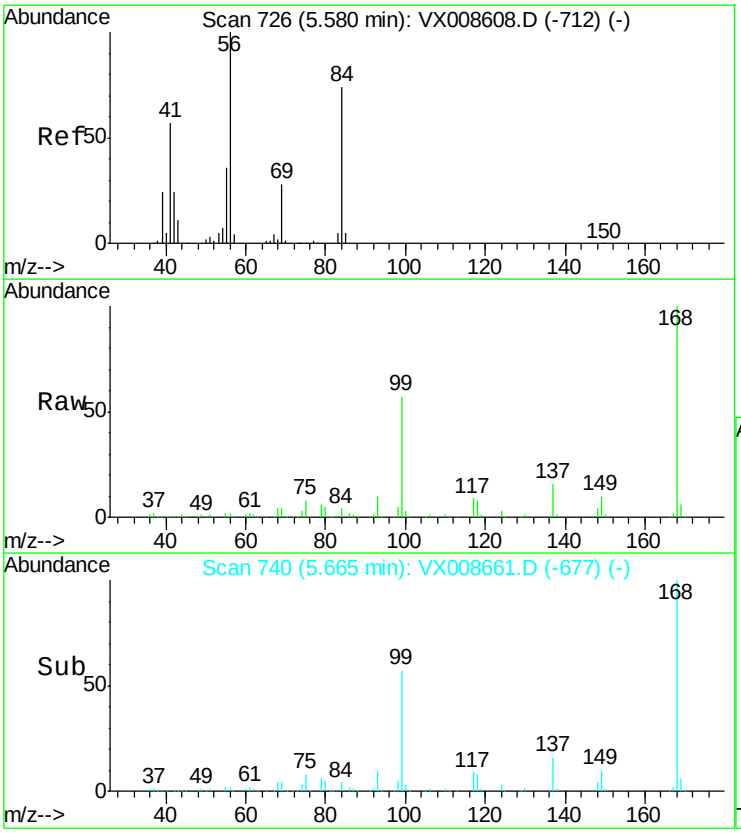
#28
Bromochloromethane
Concen: Below Cal
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Instrument :
MSVOA_X
ClientSampleId :
ST006MW081-190403

Tgt Ion: 49 Resp: 22

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	49.3	73.9#

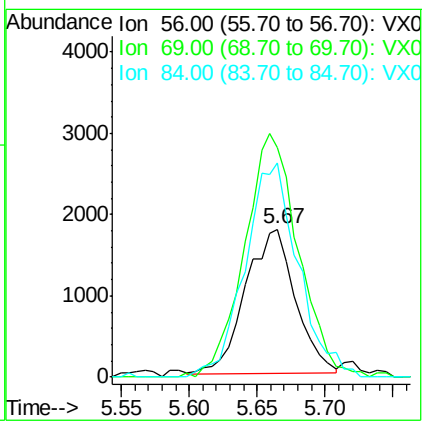


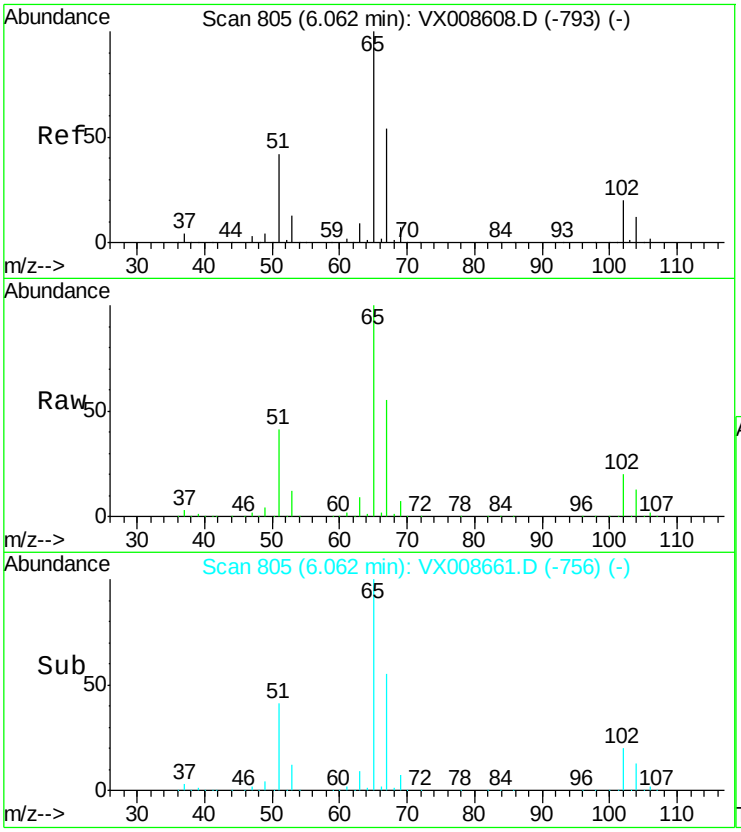


#31
Cyclohexane
Concen: 0.853 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Tgt Ion: 56 Resp: 4557

Ion	Ratio	Lower	Upper
56	100		
69	157.1	22.6	33.8#
84	149.8	59.3	88.9#



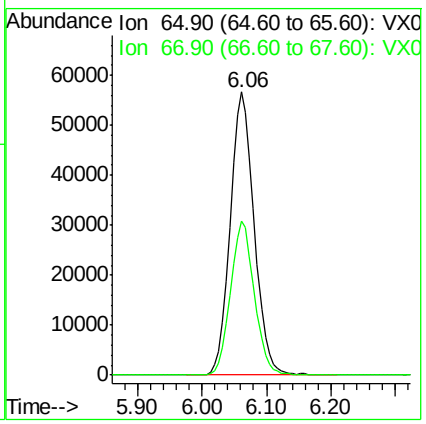


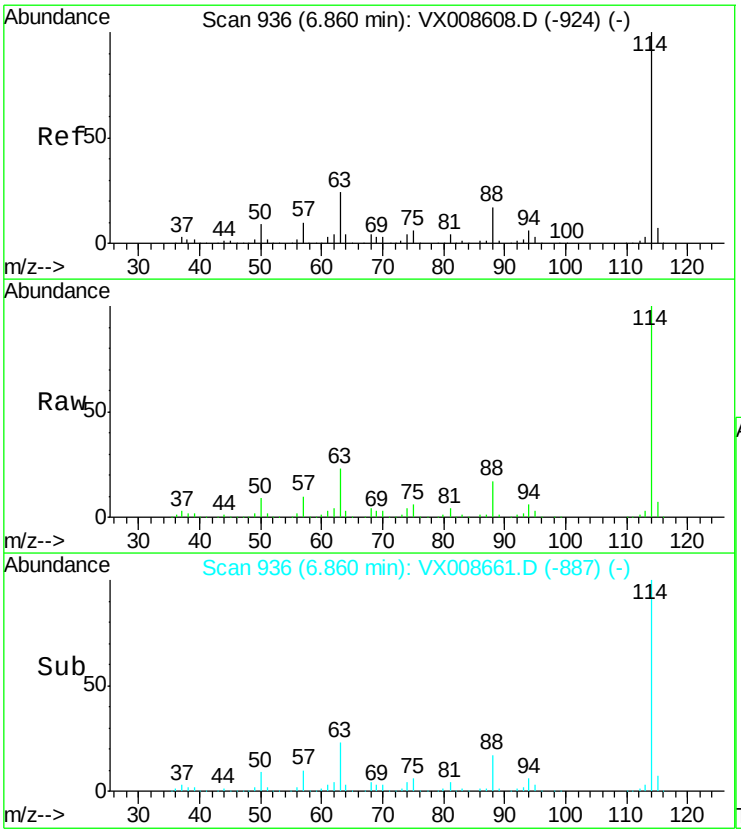
#33
1,2-Dichloroethane-d4
Concen: 47.618 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Instrument :
MSVOA_X
ClientSampleId :
ST006MW081-190403

Tgt Ion: 65 Resp: 147262

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.2

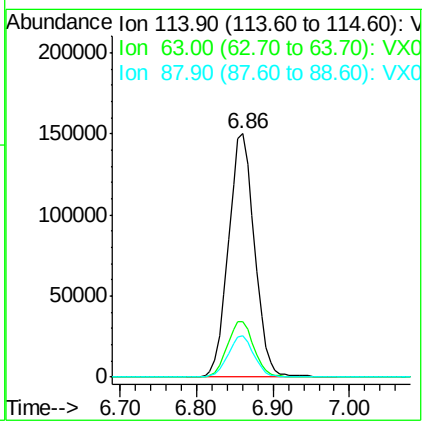


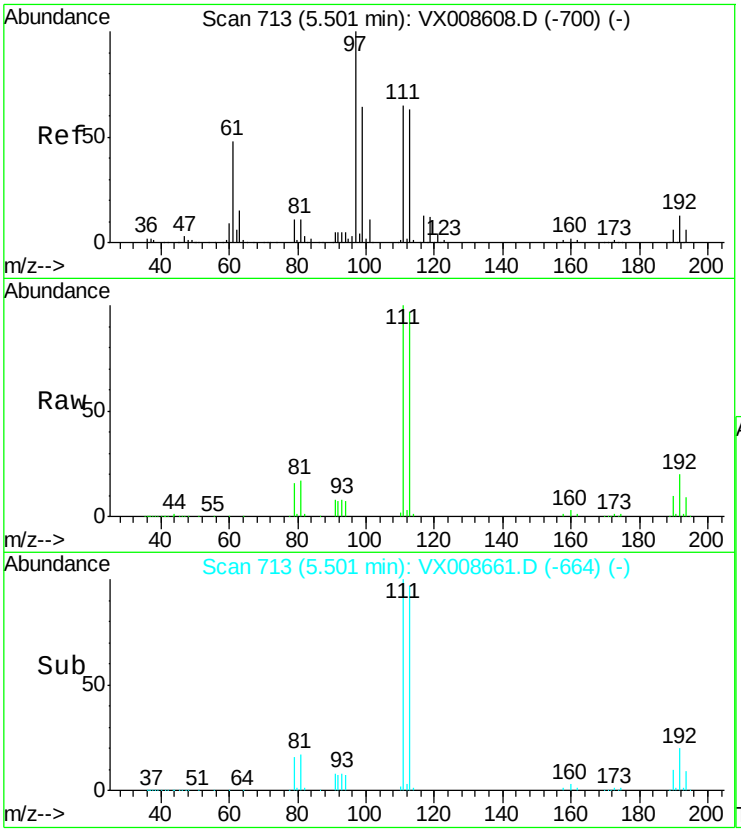


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Tgt Ion:114 Resp: 354954

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	47.2
88	16.9	0.0	34.0



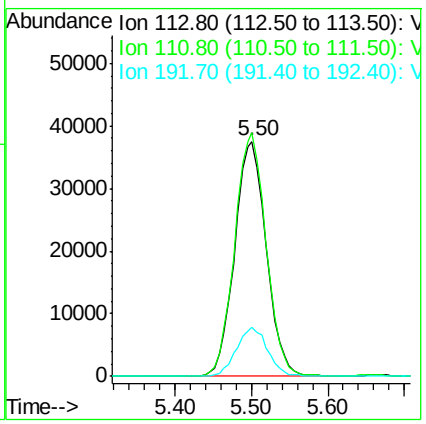


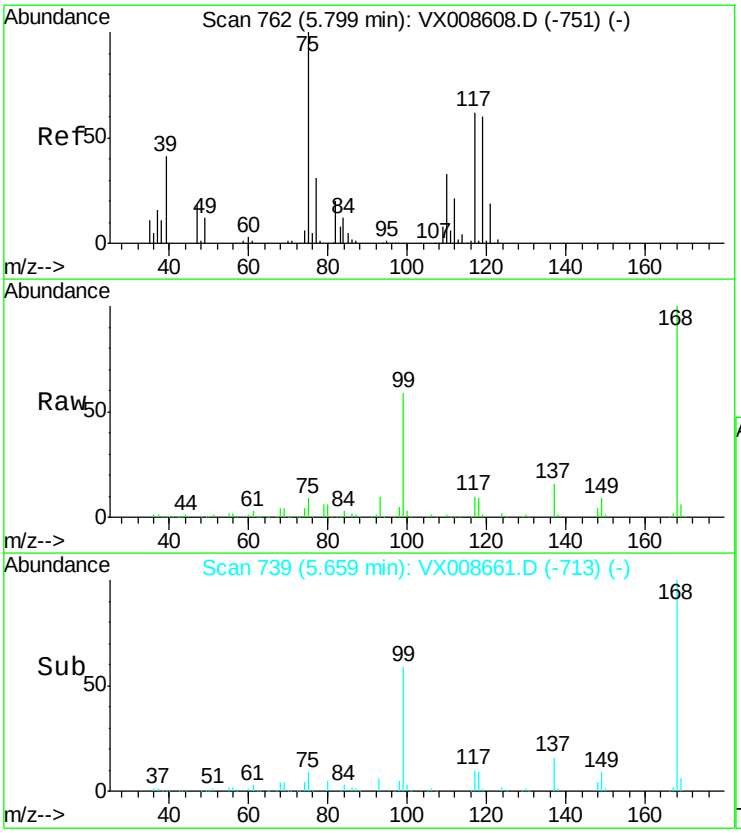
#35
Dibromofluoromethane
Concen: 47.454 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Instrument :
MSVOA_X
ClientSampleId :
ST006MW081-190403

Tgt Ion:113 Resp: 107695

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.4	125.2
192	20.5	16.1	24.1

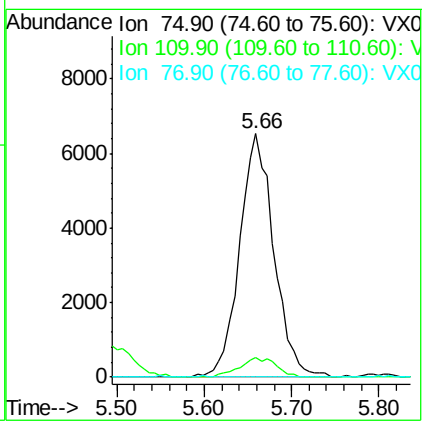


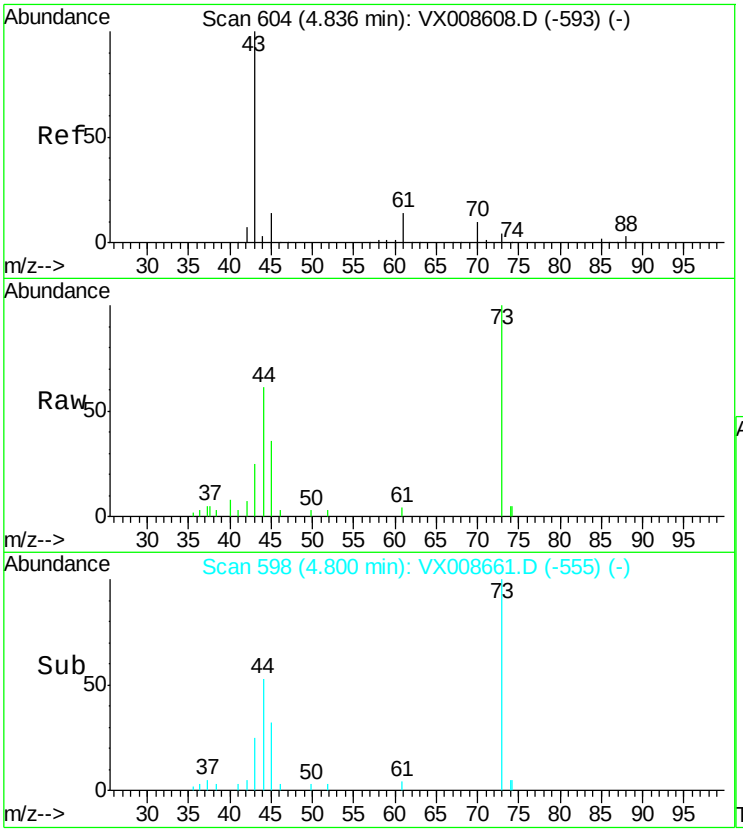


#36
1,1-Dichloropropene
Concen: 4.565 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Tgt Ion: 75 Resp: 17712

Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.4	49.2#
77	0.0	24.7	37.1#



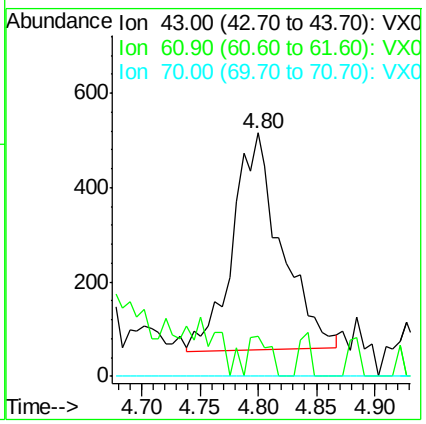


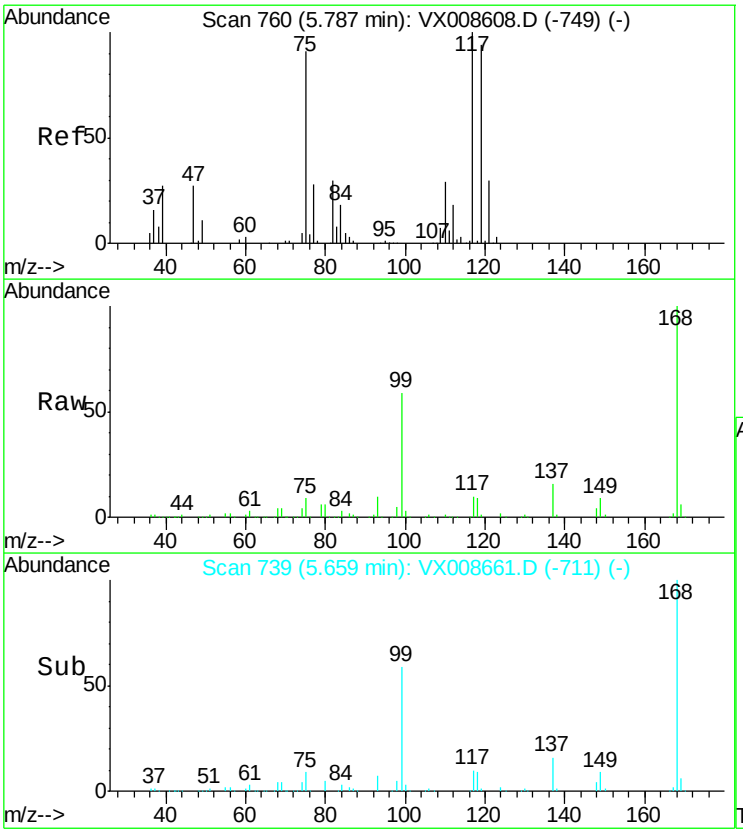
#37
Ethyl Acetate
Concen: 0.255 ug/l
RT: 4.80 min Scan# 598
Delta R.T. -0.04 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Instrument :
MSVOA_X
ClientSampleId :
ST006MW081-190403

Tgt Ion: 43 Resp: 1321

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.3	15.5#
70	0.0	7.6	11.4#

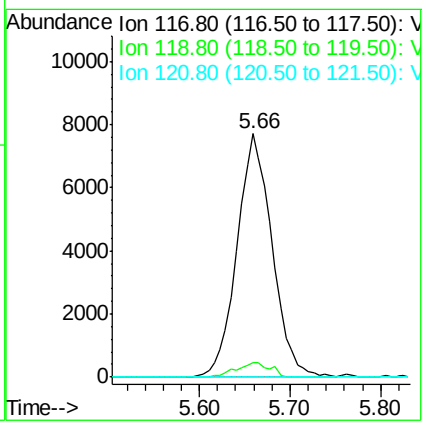


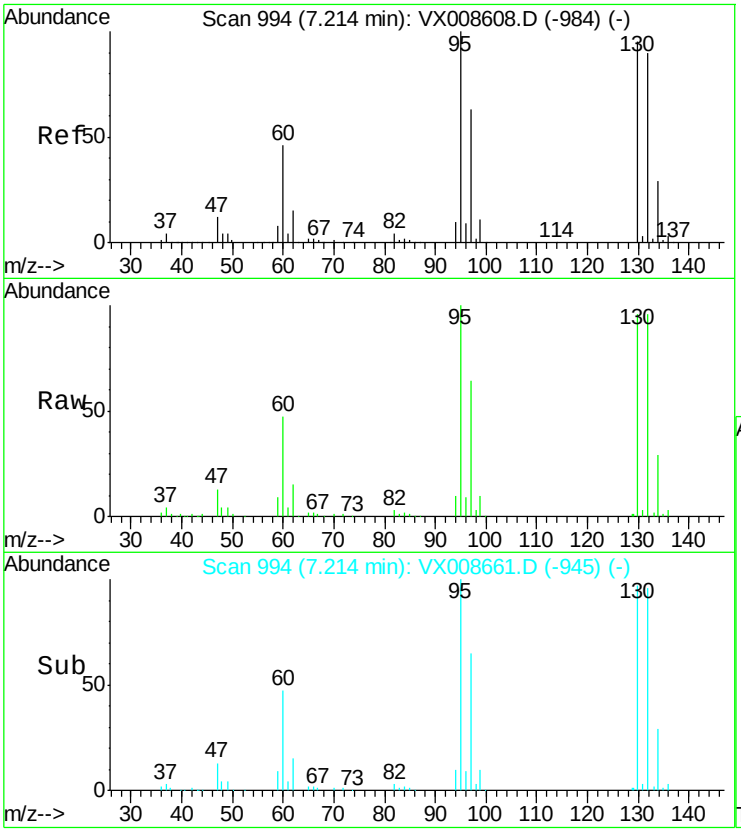


#38
Carbon Tetrachloride
Concen: 6.440 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Tgt Ion:117 Resp: 20681

Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.0	112.6#
121	0.0	24.3	36.5#



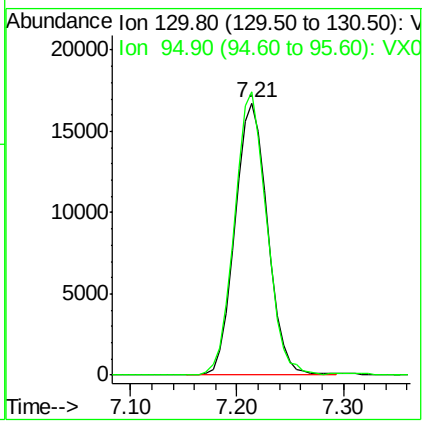


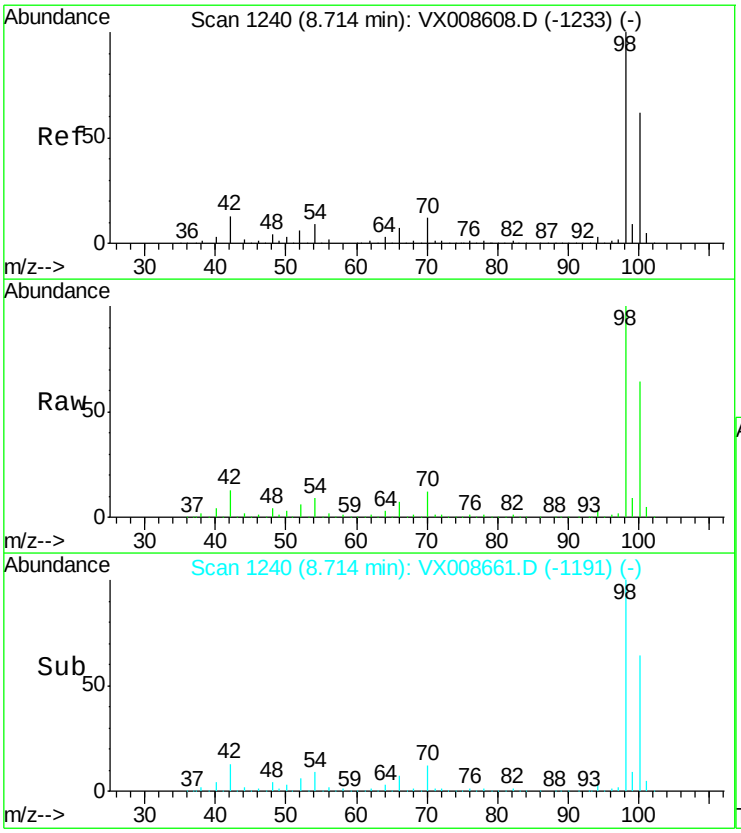
#44
Trichloroethene
Concen: 13.435 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Instrument :
MSVOA_X
ClientSampleId :
ST006MW081-190403

Tgt Ion:130 Resp: 36168

Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	209.8

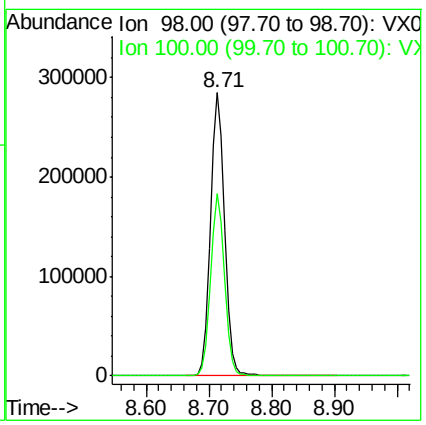


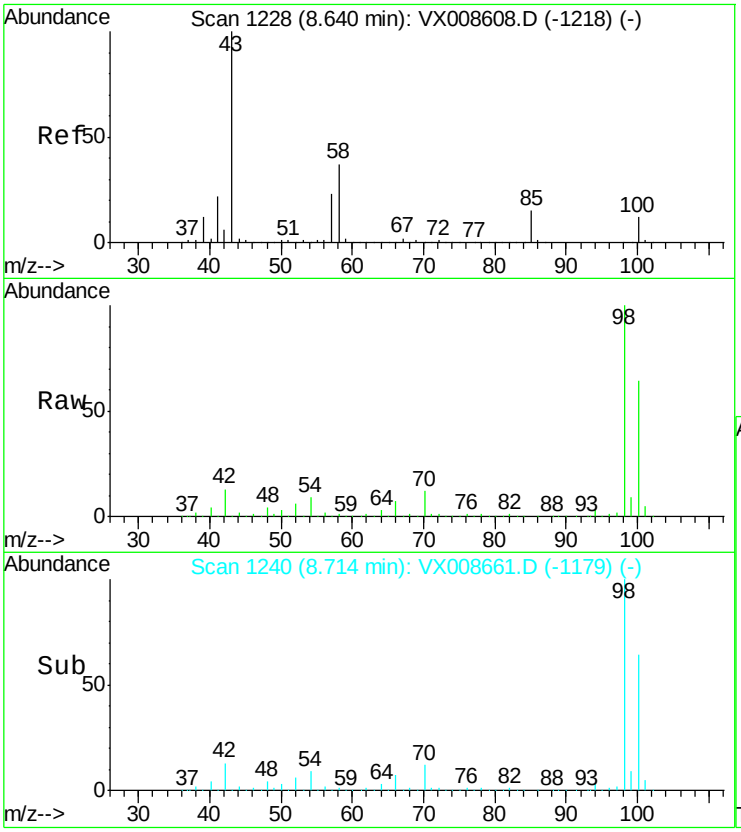


#50
Toluene-d8
Concen: 48.986 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Tgt Ion: 98 Resp: 442657

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.0



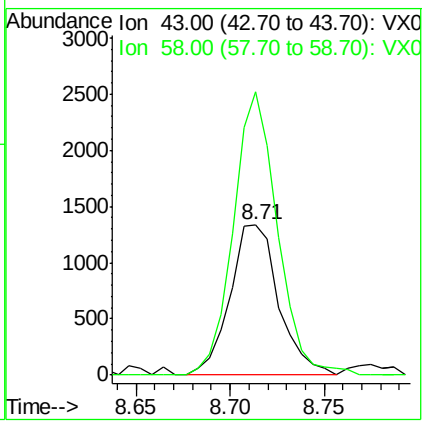


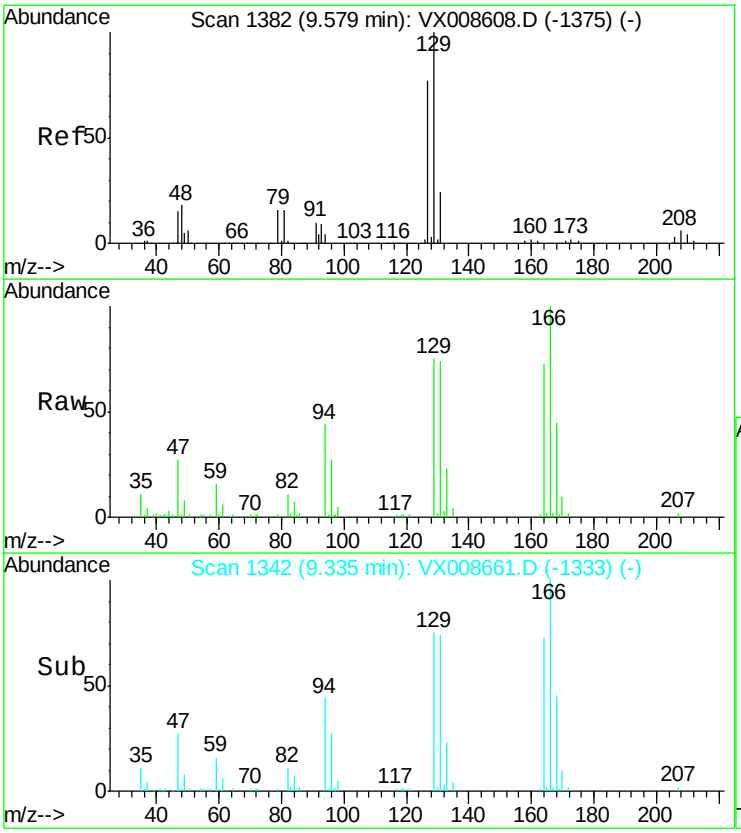
#51
4-Methyl-2-Pentanone
Concen: 0.460 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.07 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Instrument :
MSVOA_X
ClientSampleId :
ST006MW081-190403

Tgt Ion: 43 Resp: 2403

Ion	Ratio	Lower	Upper
43	100		
58	169.7	29.5	44.3#

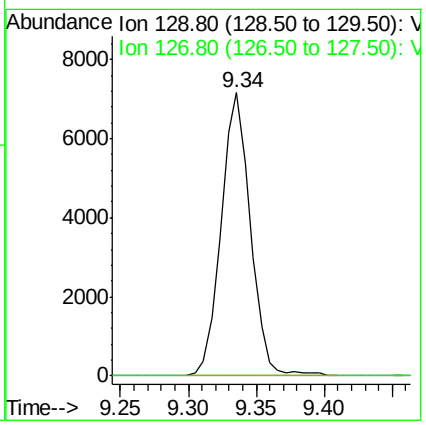


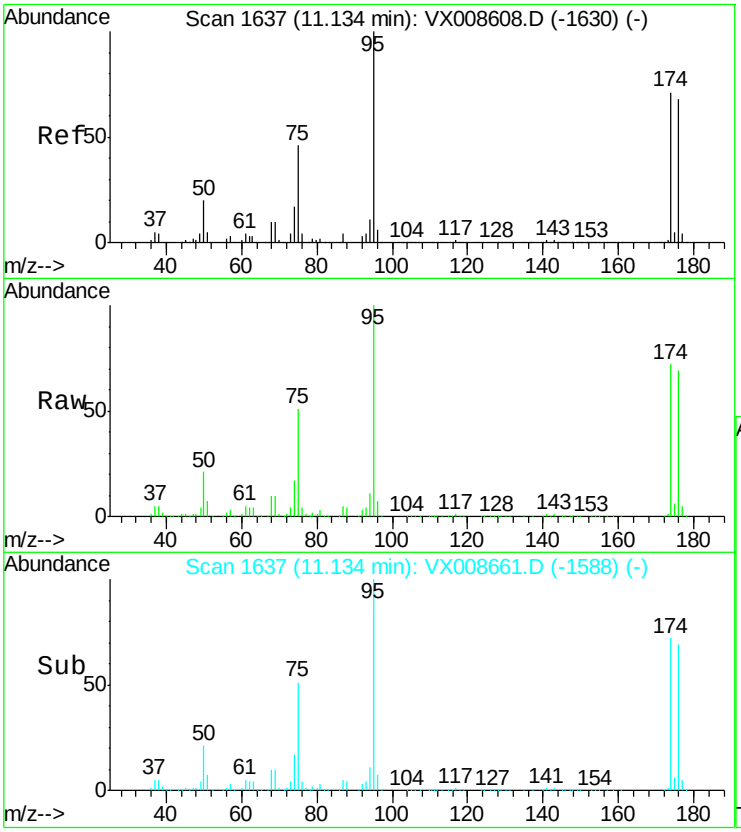


#60
Dibromochloromethane
Concen: 4.141 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.24 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Tgt Ion:129 Resp: 10674

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#



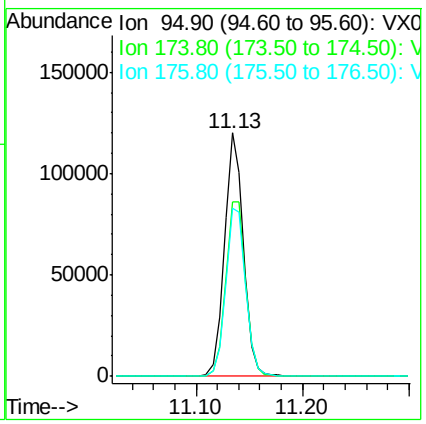


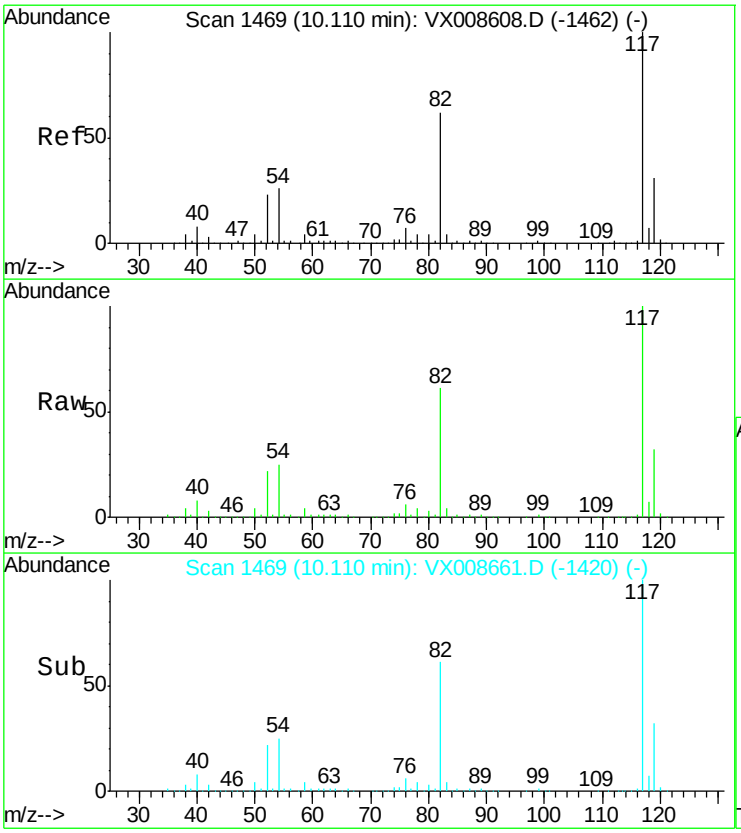
#62
4-Bromofluorobenzene
Concen: 46.436 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Instrument :
MSVOA_X
ClientSampleId :
ST006MW081-190403

Tgt Ion: 95 Resp: 148801

Ion	Ratio	Lower	Upper
95	100		
174	76.1	0.0	151.8
176	72.9	0.0	145.8

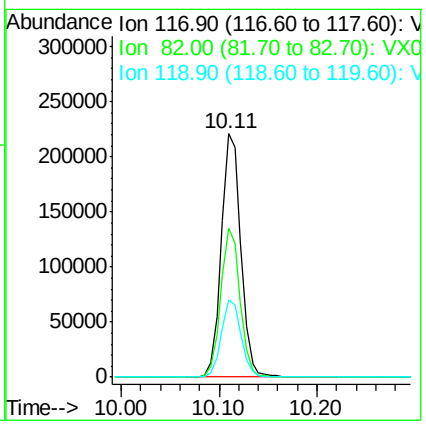


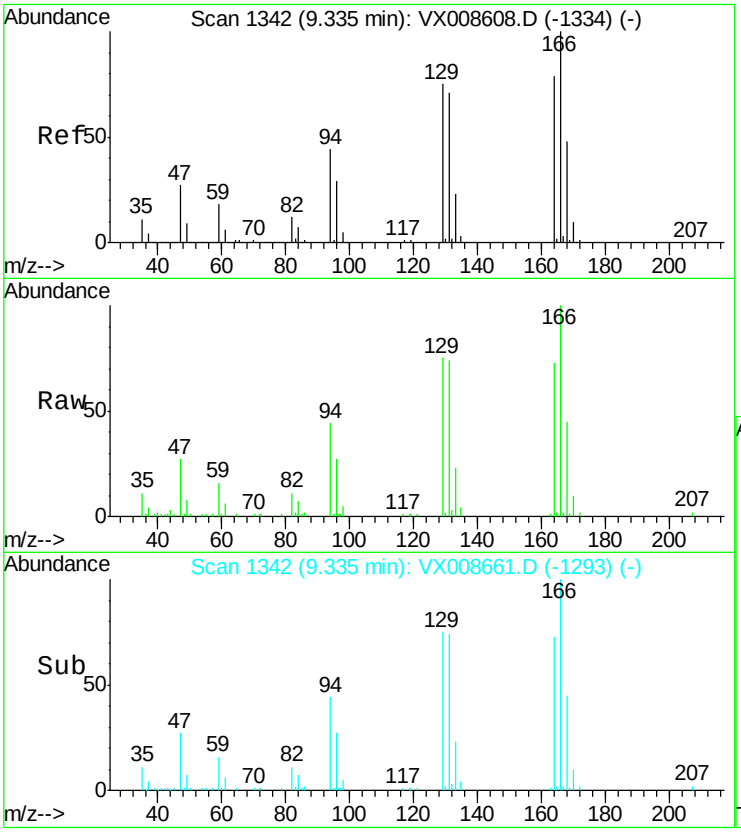


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Tgt Ion:117 Resp: 305425

Ion	Ratio	Lower	Upper
117	100		
82	61.3	49.6	74.4
119	31.7	25.0	37.4



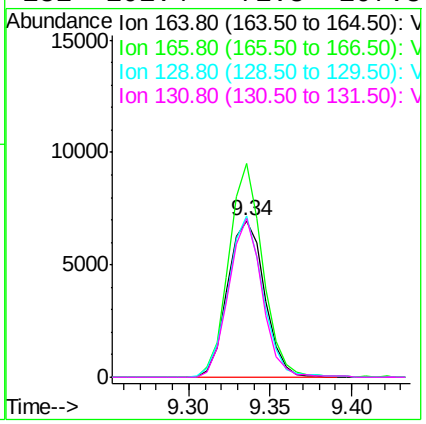


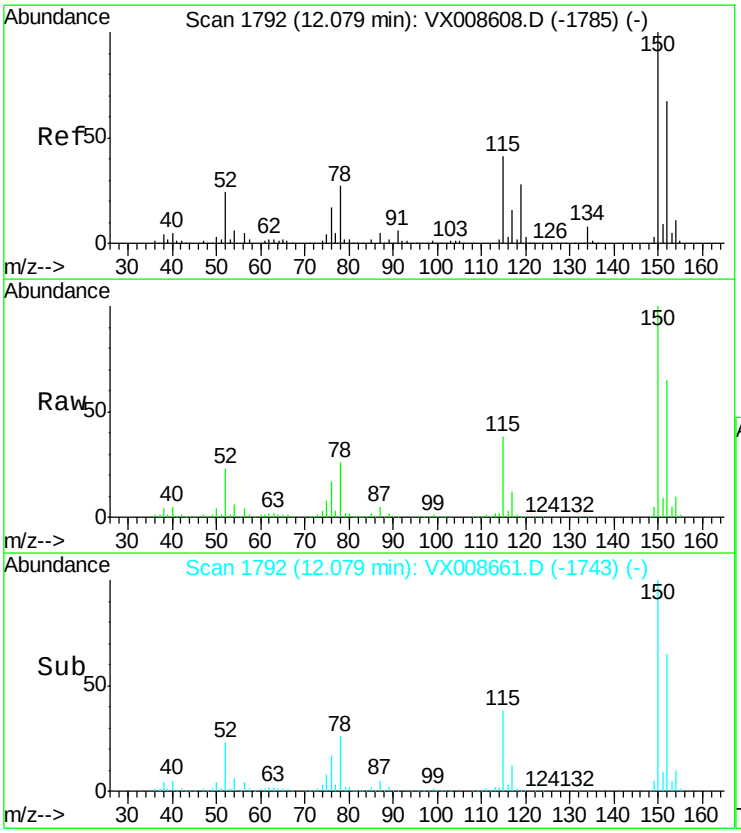
#64
Tetrachloroethene
Concen: 4.845 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Instrument :
MSVOA_X
ClientSampleId :
ST006MW081-190403

Tgt Ion:164 Resp: 10964

Ion	Ratio	Lower	Upper
164	100		
166	136.5	101.0	151.6
129	102.8	75.8	113.8
131	101.4	71.8	107.8

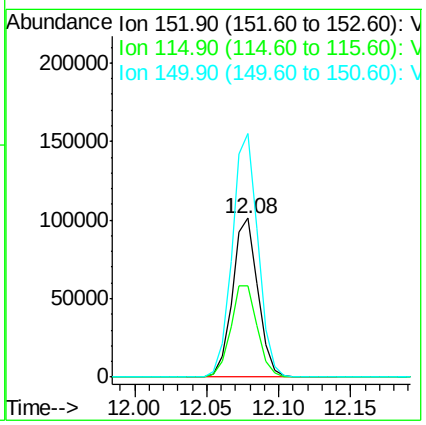


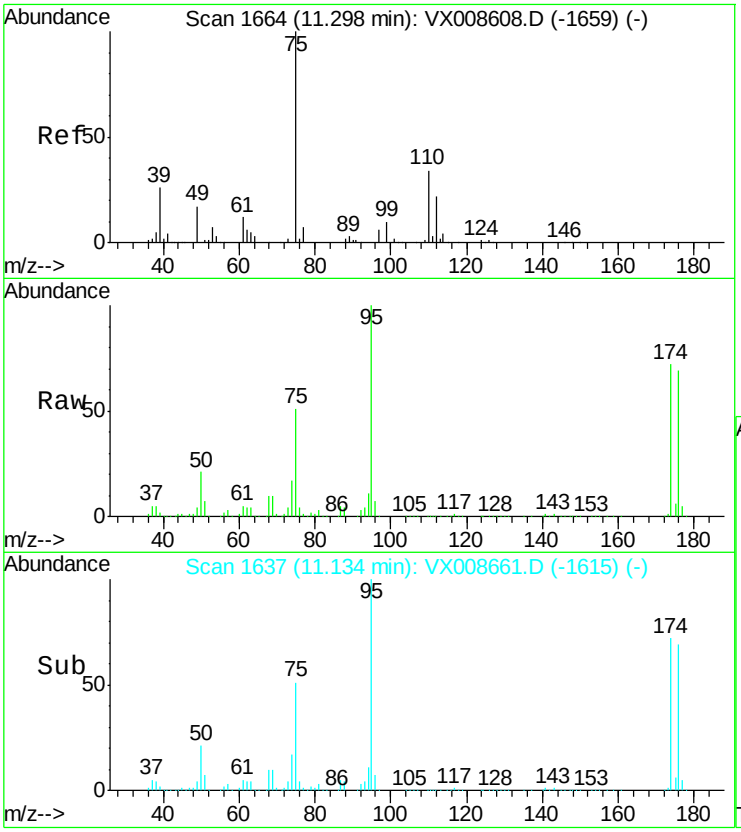


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Tgt Ion:152 Resp: 124834

Ion	Ratio	Lower	Upper
152	100		
115	60.5	43.5	130.5
150	155.8	0.0	348.8



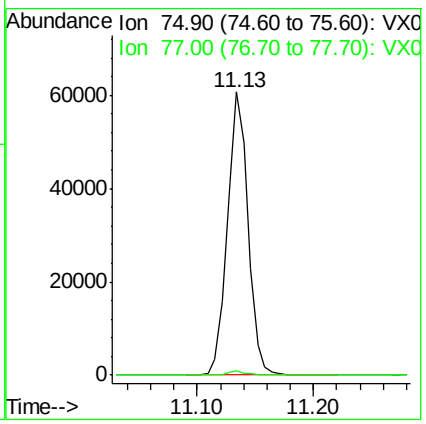


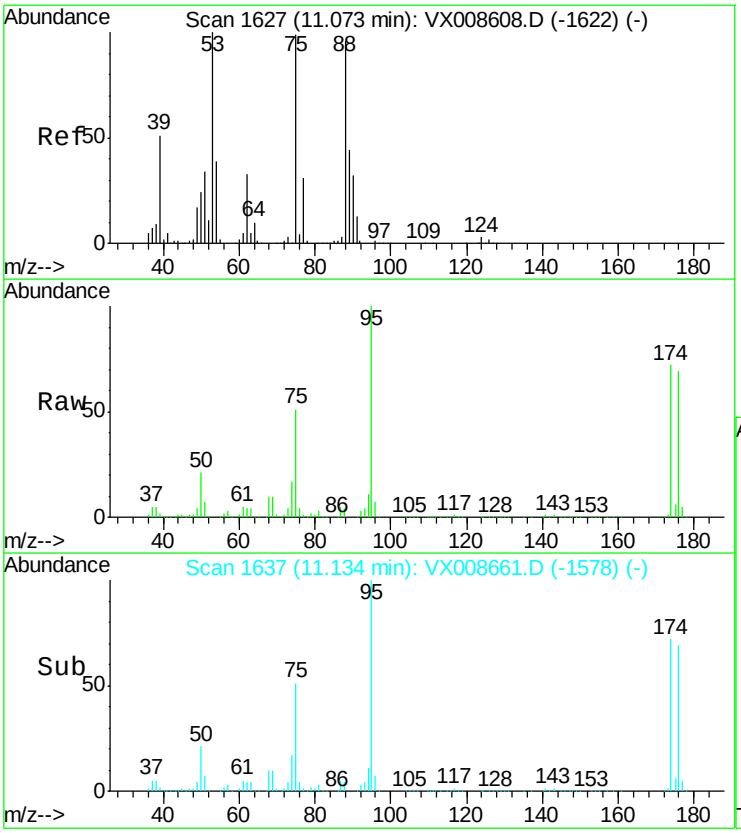
#76
1,2,3-Trichloropropane
Concen: 21.752 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Instrument :
MSVOA_X
ClientSampleId :
ST006MW081-190403

Tgt Ion: 75 Resp: 74593

Ion	Ratio	Lower	Upper
75	100		
77	1.4	22.3	66.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 59.959 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX008661.D
Acq: 05 Apr 2019 01:49

Tgt Ion: 75 Resp: 74593

Ion	Ratio	Lower	Upper
75	100		
53	0.1	81.3	121.9#
89	0.0	35.6	53.4#