Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\
Data File : VX007309.D
Acq On : 30 Jan 2019 12:45
Operator : JC/SP
Sample : PB116701ZHE#03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB116701ZHE#03

Quant Time: Jan 31 00:22:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	543431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	841374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	807806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	386678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	294893	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.84%			
35) Dibromofluoromethane	5.51	113	266516	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.92%			
50) Toluene-d8	8.71	98	1025700	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.02%			
62) 4-Bromofluorobenzene	11.13	95	362232	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.36%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.10	59	305	0.228	ug/l #	1
13) Acrolein	2.31	56	328	3.645	ug/l	92
16) Acetone	2.45	43	40198	14.317	ug/l	99
18) Methyl Acetate	2.78	43	25137	3.092	ug/l	97
20) Methylene Chloride	2.86	84	30492	5.203	ug/l	97
25) 2-Butanone	4.70	43	8325	2.072	ug/l #	83
29) Tetrahydrofuran	5.17	42	3209	1.229	ug/l #	55
36) 1,1-Dichloropropene	5.66	75	35870	4.904	ug/l #	49
38) Carbon Tetrachloride	5.66	117	48386	6.574	ug/l #	14
43) Isopropyl Acetate	6.46	43	33736	2.727	ug/l	98
48) Methyl methacrylate	7.68	41	16926	2.664	ug/l #	12
49) 1,4-Dioxane	7.74	88	106	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.62	43	178447	22.446	ug/l #	49
54) cis-1,3-Dichloropropene	8.62	75	87043	10.589	ug/l #	62
57) 1,3-Dichloropropane	9.54	76	19158	2.036	ug/l #	45
59) 2-Hexanone	9.54	43	260384	42.980	ug/l #	51
71) Bromoform	10.96	173	186	4.759	ug/l #	28
74) N-amyl acetate	10.69	43	27262	2.483	ug/l #	52
76) 1,2,3-Trichloropropane	11.13	75	173292	22.115	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	6581	0.289	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	173292	65.474	ug/l #	10
88) 1,4-Dichlorobenzene	12.08	146	792	0.206	ug/l #	1
90) Hexachloroethane	12.71	117	44	2.919	ug/l	68
92) 1,2-Dibromo-3-Chloropropan	13.01	75	415	0.242	ug/l #	1

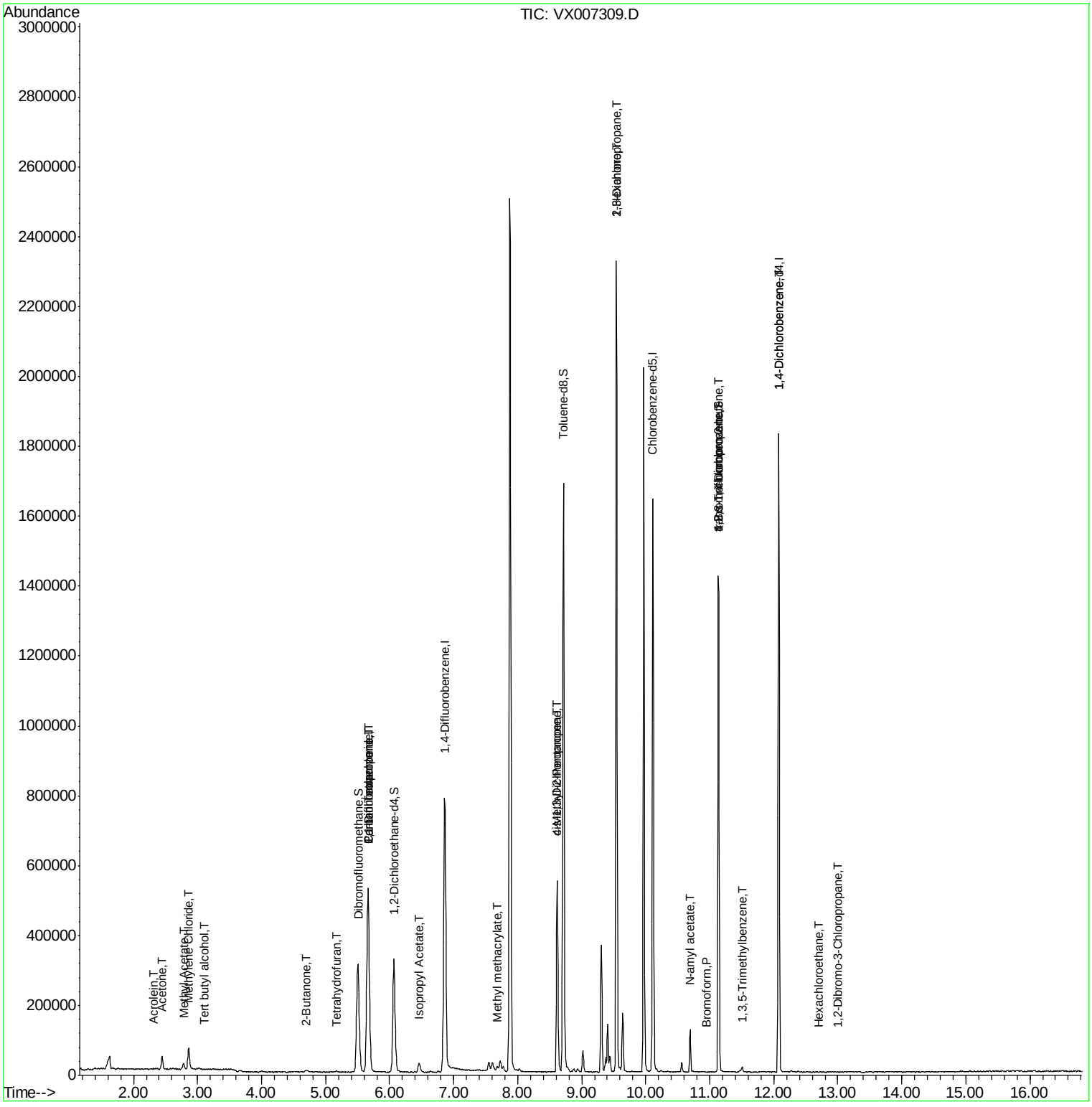
(#) = qualifier out of range (m) = manual integration (+) = signals summed

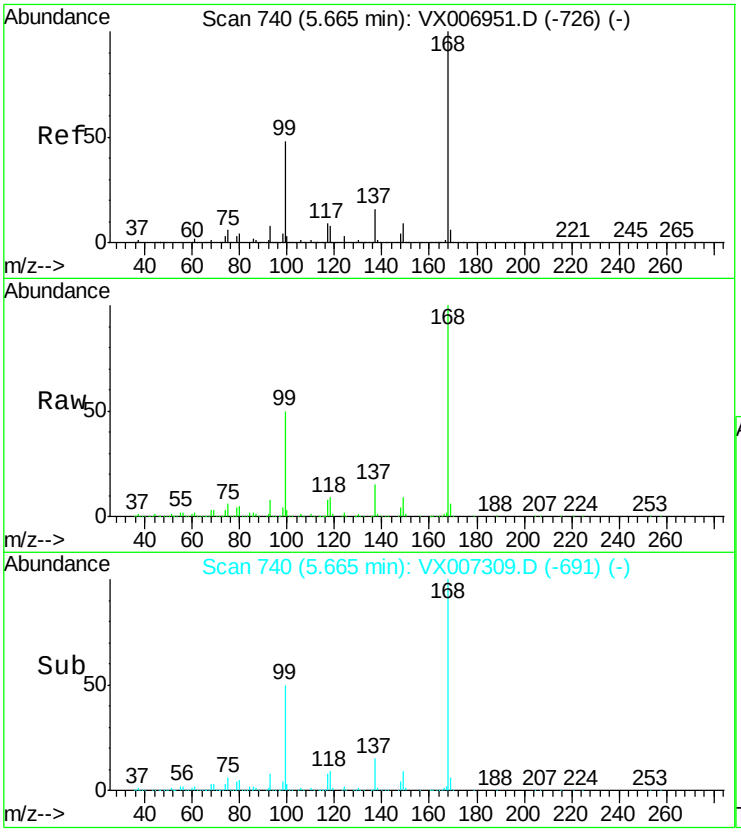
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX013019\
Data File : VX007309.D
Acq On : 30 Jan 2019 12:45
Operator : JC/SP
Sample : PB116701ZHE#03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#03

Quant Time: Jan 31 00:22:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration



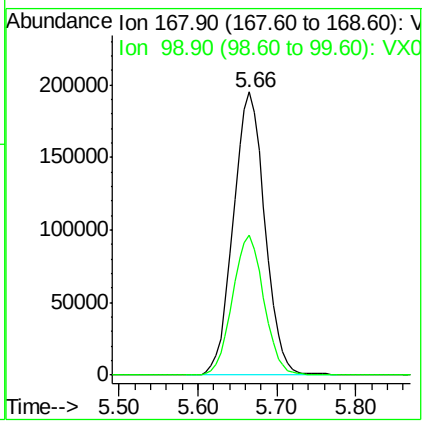


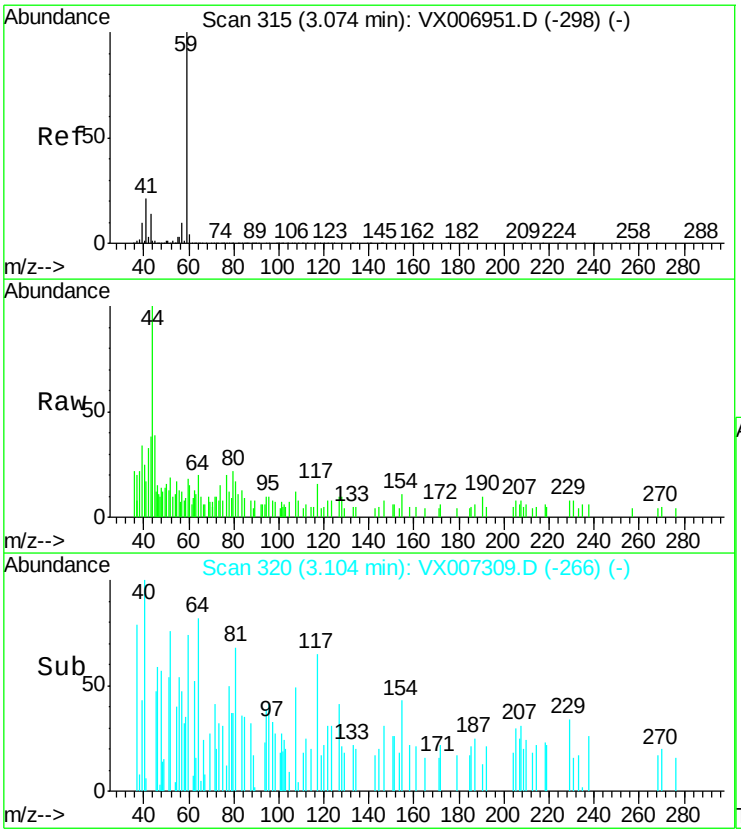
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#03

Tgt Ion:168 Resp: 543431

Ion	Ratio	Lower	Upper
168	100		
99	49.6	41.8	62.8

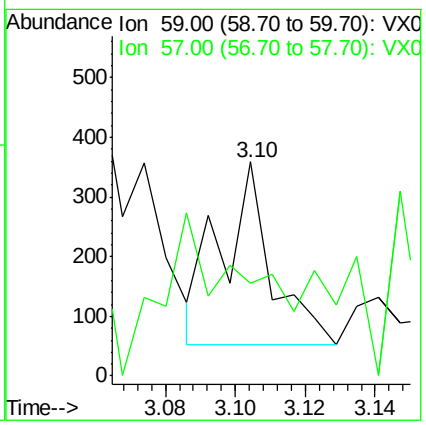


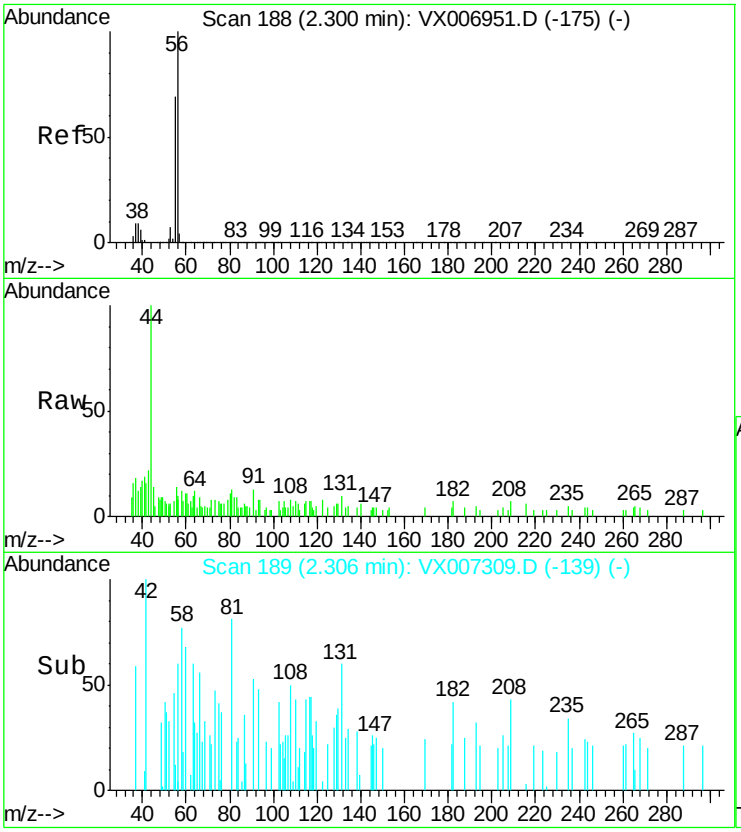


#11
Tert butyl alcohol
Concen: 0.228 ug/l
RT: 3.10 min Scan# 320
Delta R.T. 0.03 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion: 59 Resp: 305

Ion	Ratio	Lower	Upper
59	100		
57	152.8	8.5	12.7#



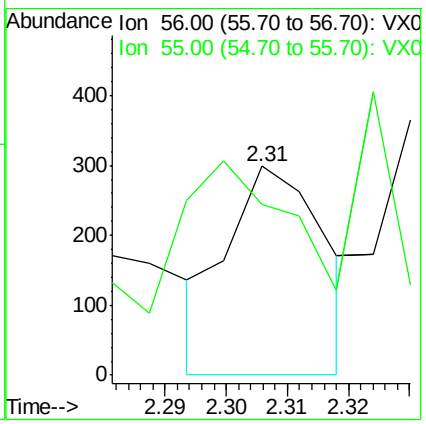


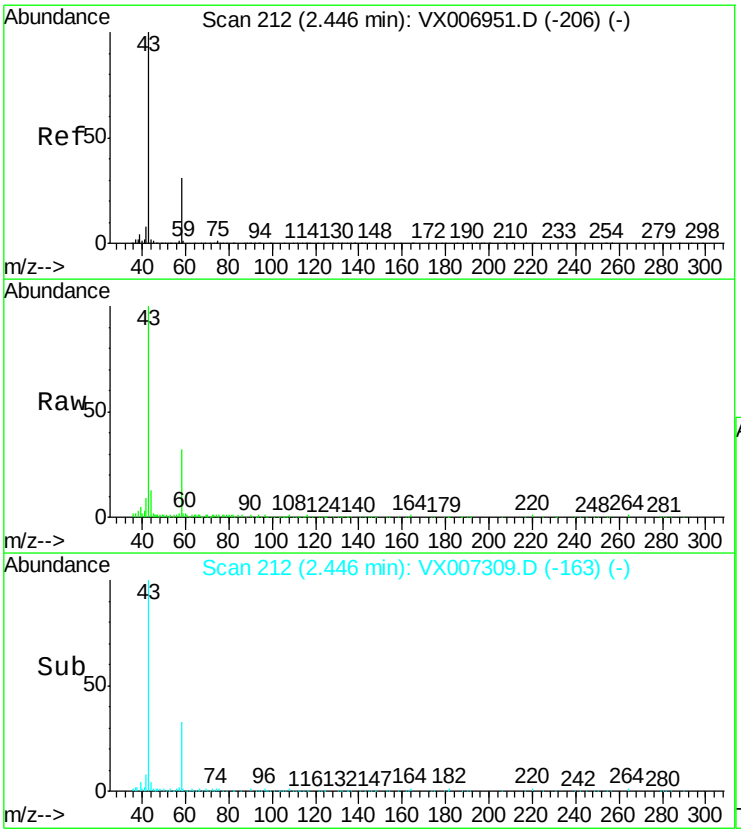
#13
Acrolein
Concen: 3.645 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#03

Tgt Ion: 56 Resp: 328

Ion	Ratio	Lower	Upper
56	100		
55	79.3	58.2	87.4

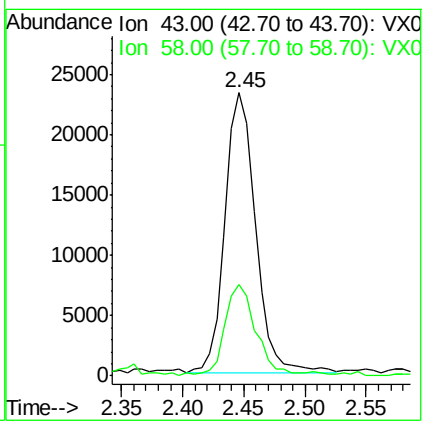


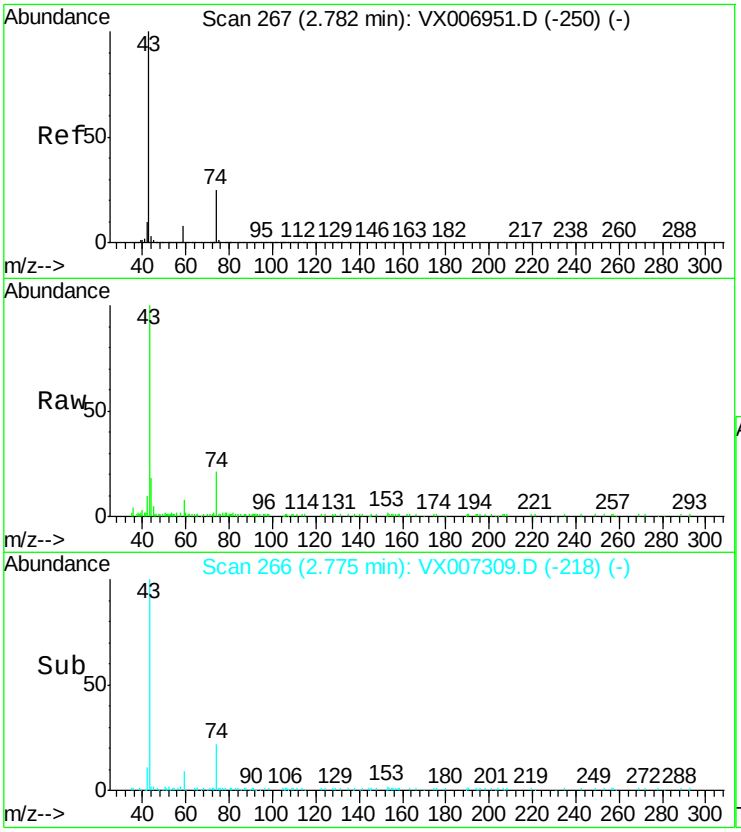


#16
Acetone
Concen: 14.317 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion: 43 Resp: 40198

Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.0	37.6



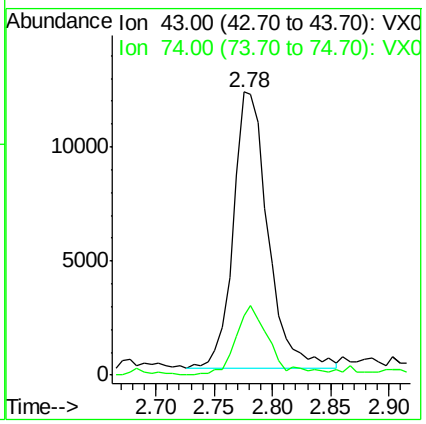


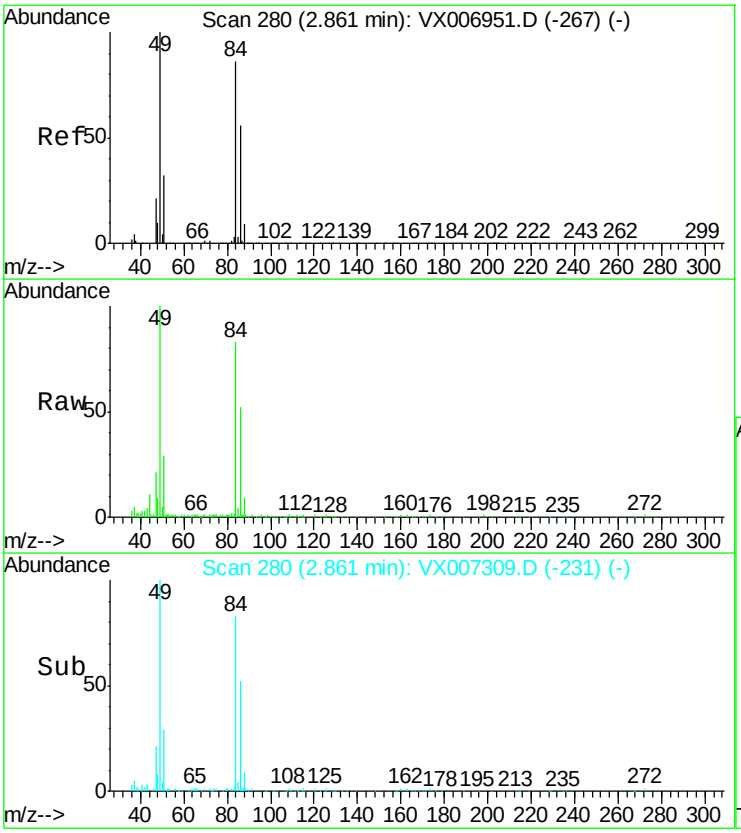
#18
Methyl Acetate
Concen: 3.092 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument : MSVOA_X
ClientSampleId : PB116701ZHE#03

Tgt Ion: 43 Resp: 25137

Ion	Ratio	Lower	Upper
43	100		
74	24.9	18.6	28.0

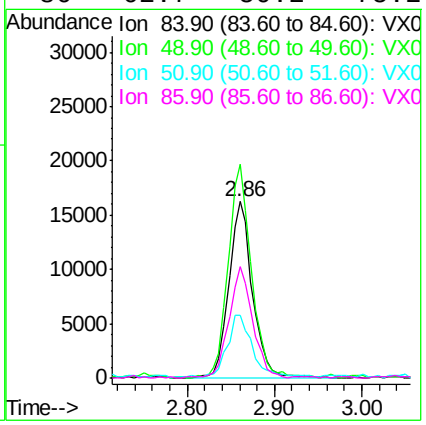


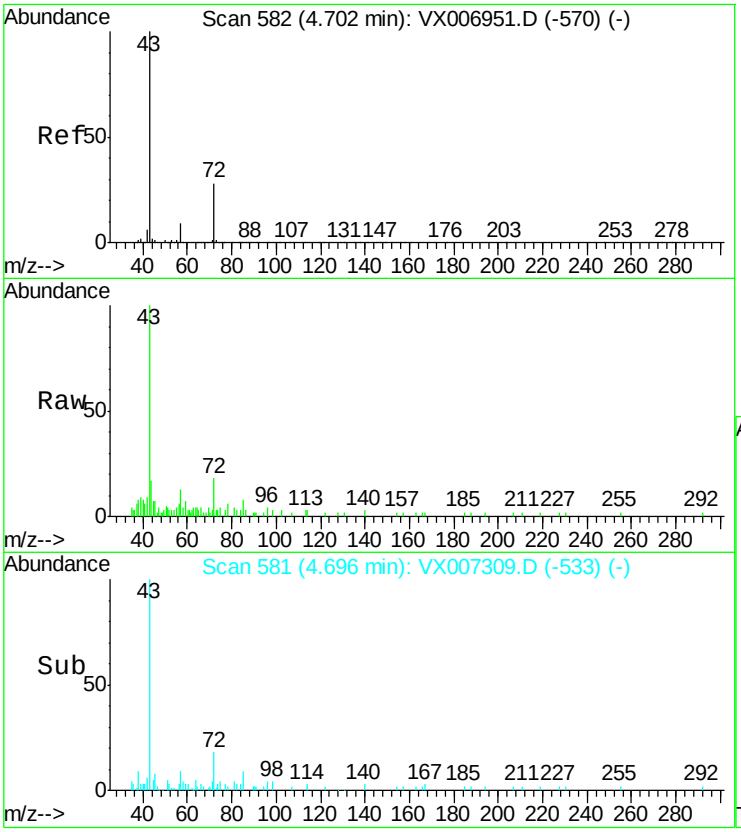


#20
Methylene Chloride
Concen: 5.203 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion: 84 Resp: 30492

Ion	Ratio	Lower	Upper
84	100		
49	120.7	91.8	137.6
51	34.2	28.5	42.7
86	62.7	50.2	75.2



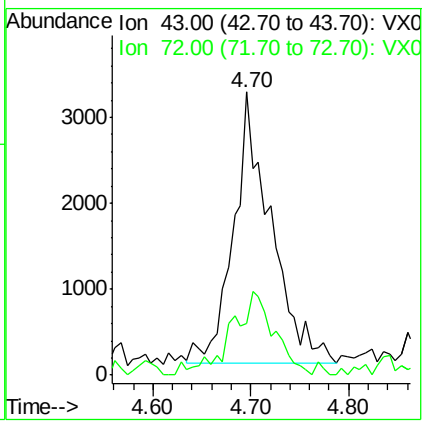


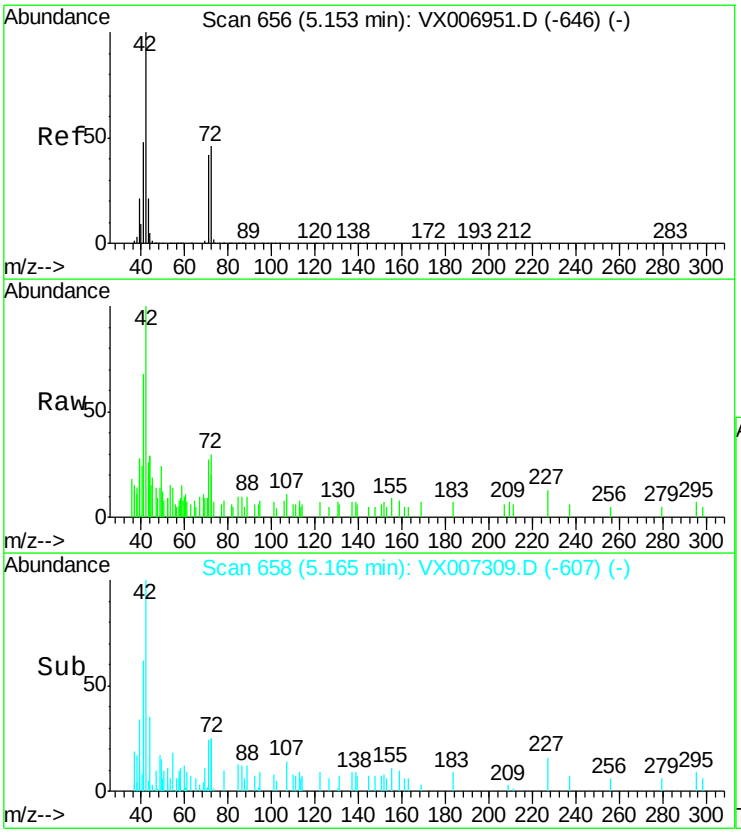
#25
2-Butanone
Concen: 2.072 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument : MSVOA_X
ClientSampleId : PB116701ZHE#03

Tgt Ion: 43 Resp: 8325

Ion	Ratio	Lower	Upper
43	100		
72	19.2	22.4	33.6#

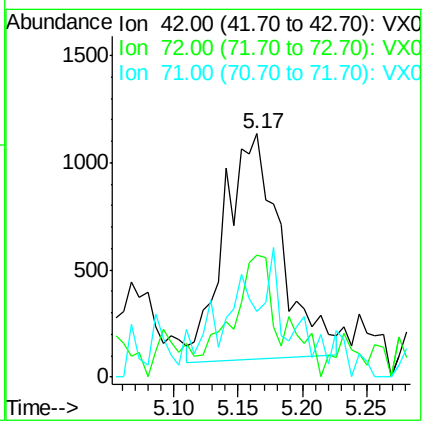


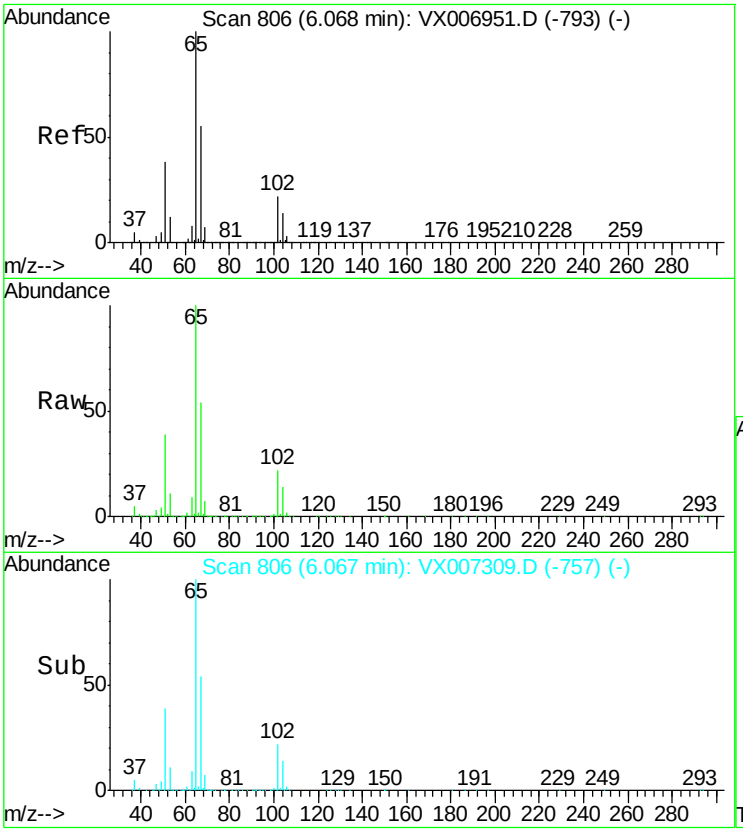


#29
Tetrahydrofuran
Concen: 1.229 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion: 42 Resp: 3209

Ion	Ratio	Lower	Upper
42	100		
72	26.1	38.9	58.3#
71	7.7	36.2	54.4#



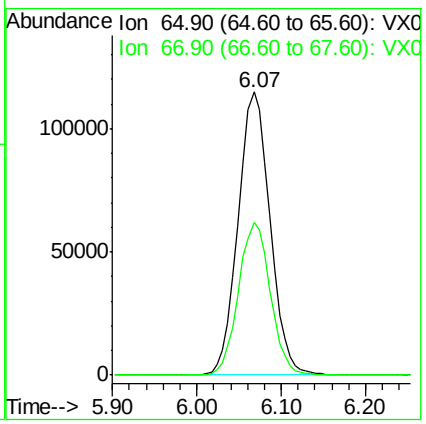


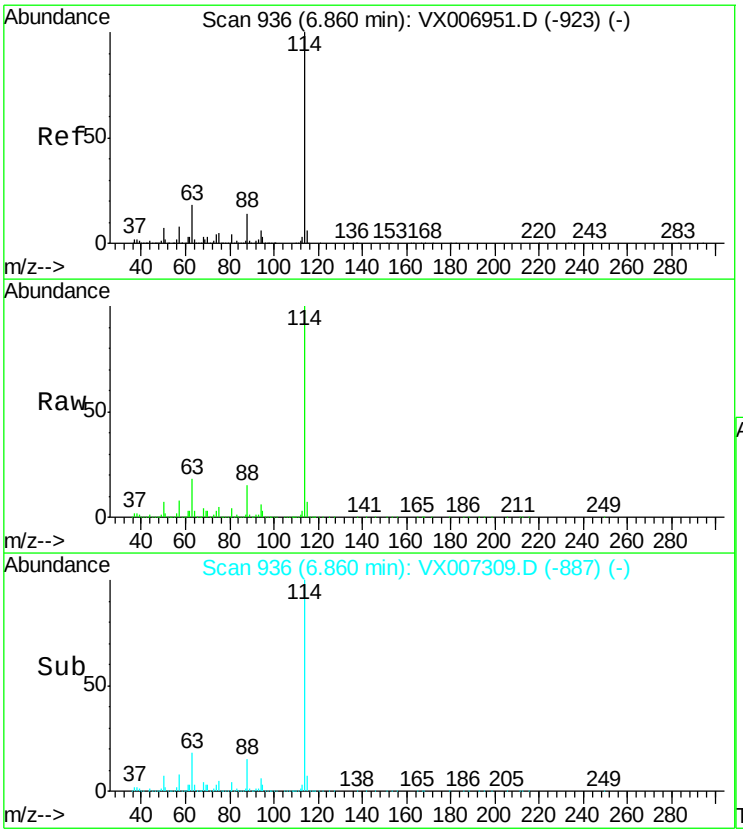
#33
1,2-Dichloroethane-d4
Concen: 51.924 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#03

Tgt Ion: 65 Resp: 294893

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	105.0

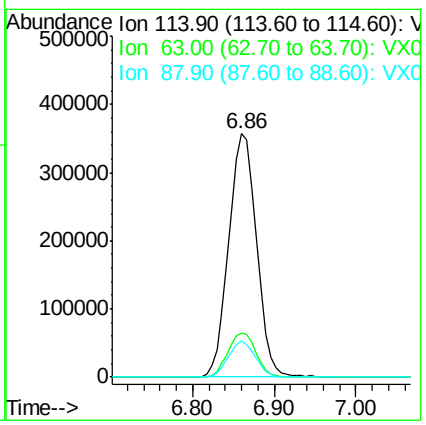


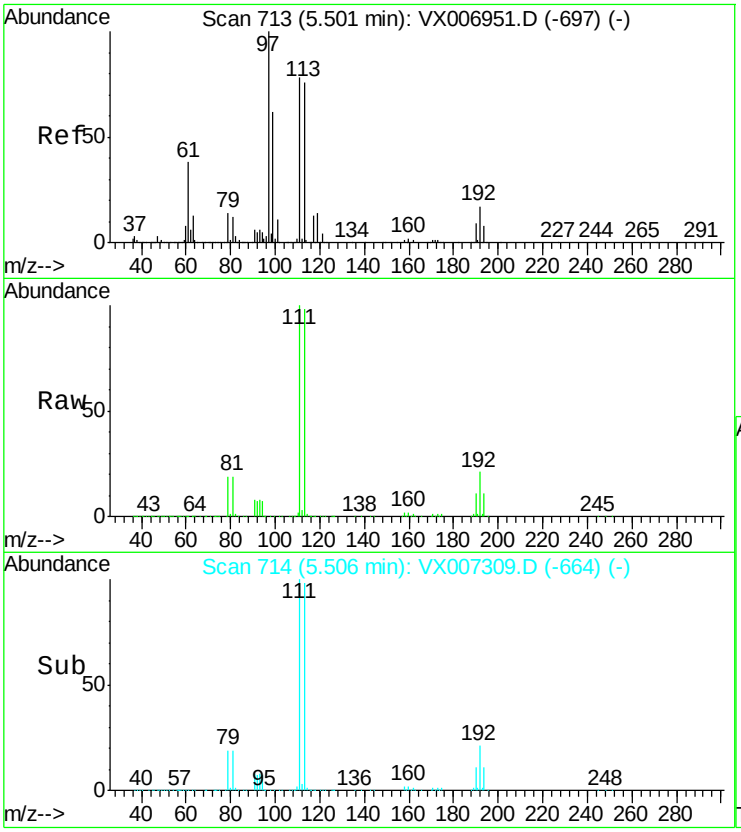


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion:114 Resp: 841374

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	34.8
88	14.6	0.0	28.8



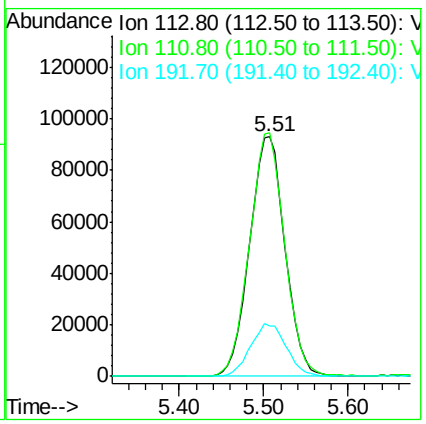


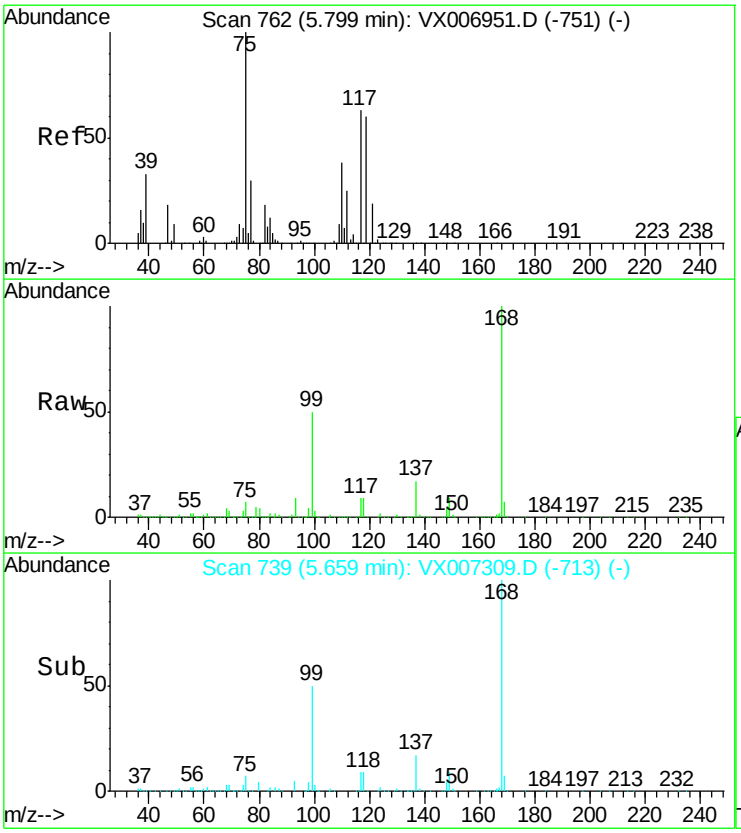
#35
Dibromofluoromethane
Concen: 49.464 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#03

Tgt Ion:113 Resp: 266516

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.6	122.4
192	22.2	16.7	25.1

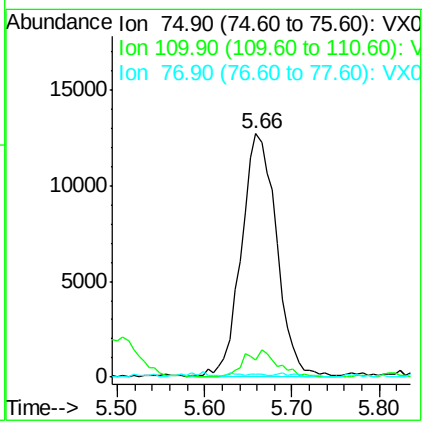


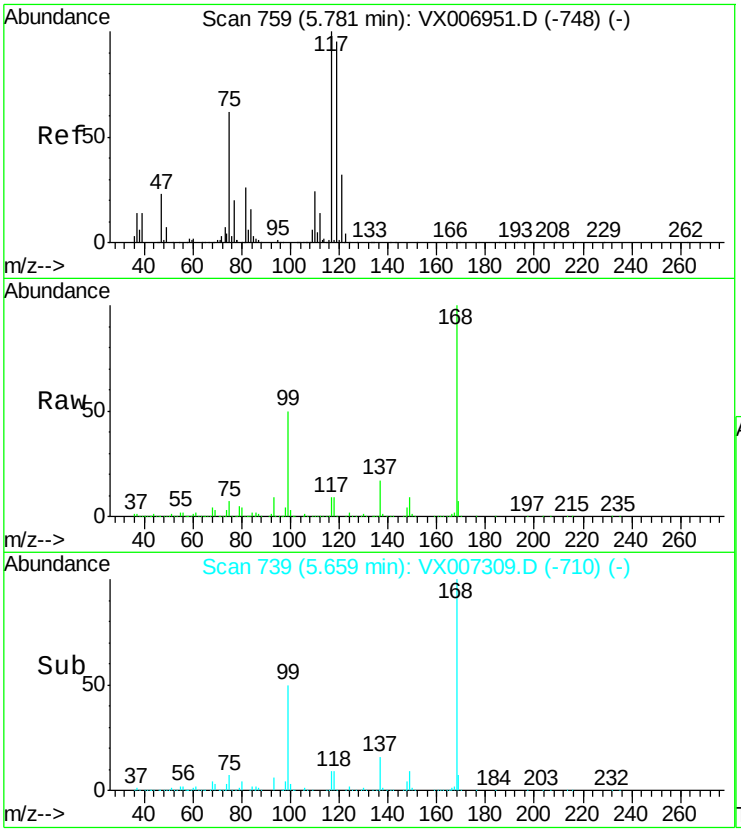


#36
1,1-Dichloropropene
Concen: 4.904 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.14 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion: 75 Resp: 35870

Ion	Ratio	Lower	Upper
75	100		
110	10.4	20.2	60.5#
77	0.4	24.8	37.2#



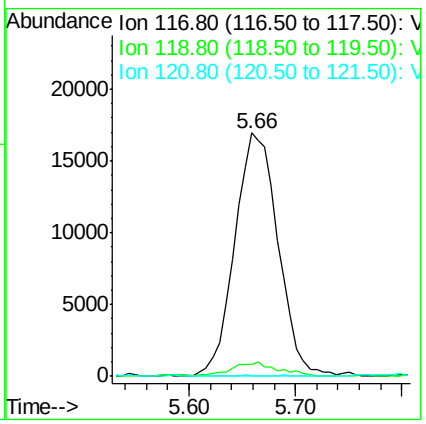


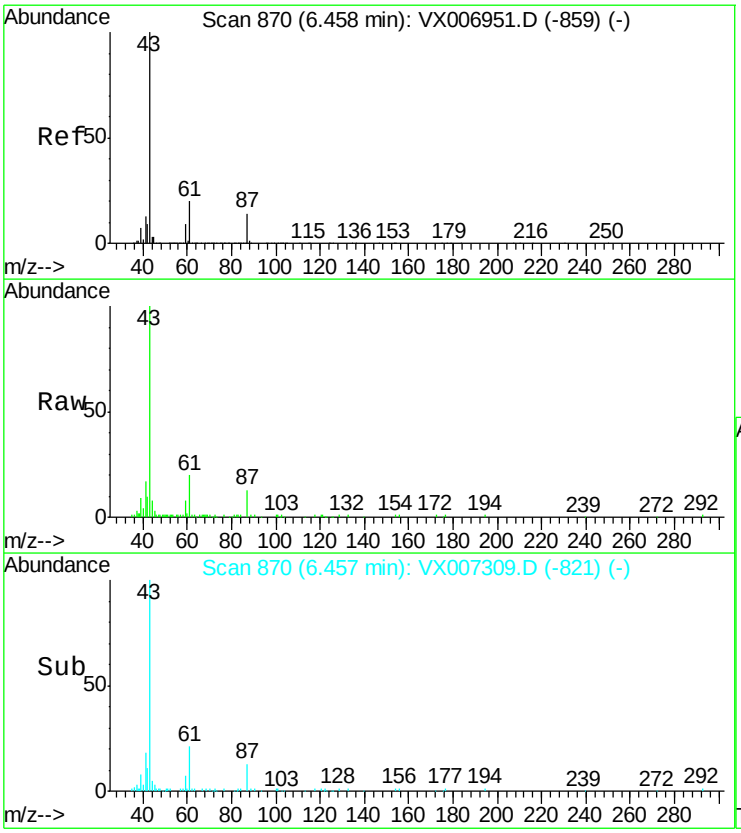
#38
Carbon Tetrachloride
Concen: 6.574 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument : MSVOA_X
ClientSampleId : PB116701ZHE#03

Tgt Ion:117 Resp: 48386

Ion	Ratio	Lower	Upper
117	100		
119	4.9	79.4	119.2#
121	0.0	24.0	36.0#

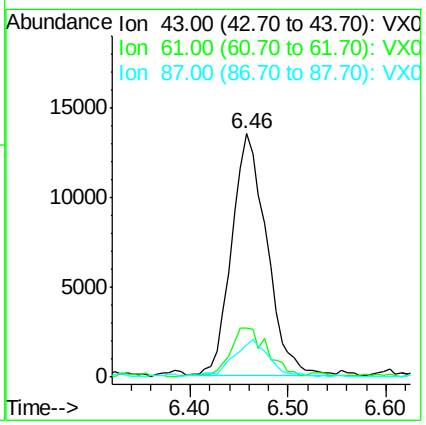


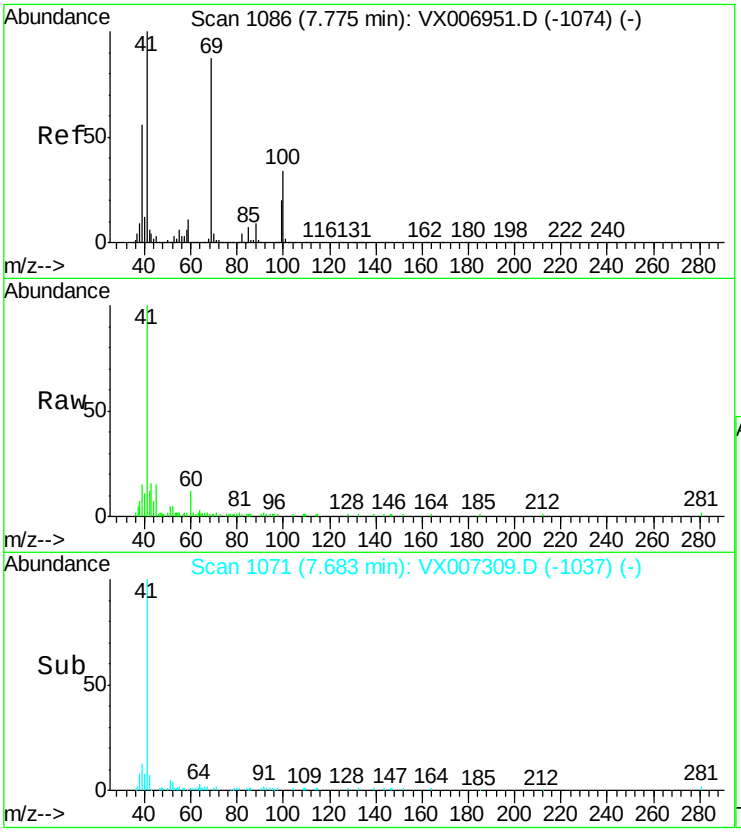


#43
Isopropyl Acetate
Concen: 2.727 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion: 43 Resp: 33736

Ion	Ratio	Lower	Upper
43	100		
61	22.3	16.8	25.2
87	16.3	12.4	18.6



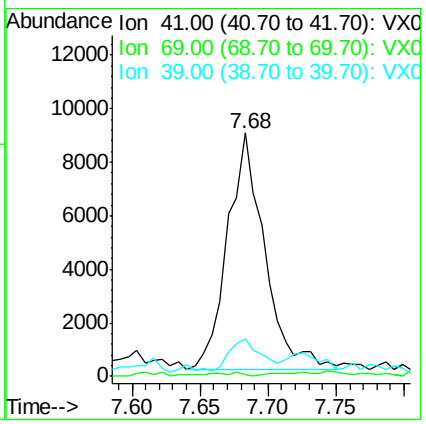


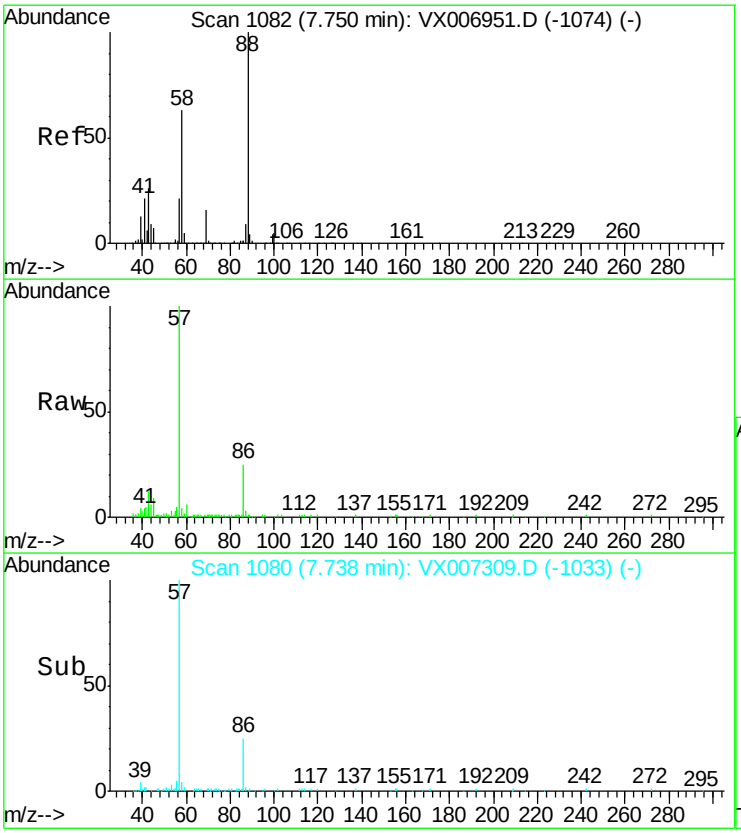
#48
Methyl methacrylate
Concen: 2.664 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument : MSVOA_X
ClientSampleId : PB116701ZHE#03

Tgt Ion: 41 Resp: 16926

Ion	Ratio	Lower	Upper
41	100		
69	1.6	72.4	108.6#
39	0.0	45.8	68.8#

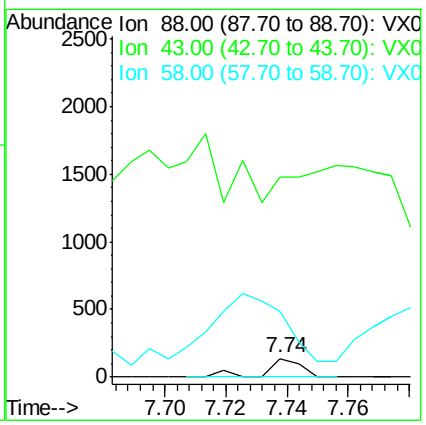


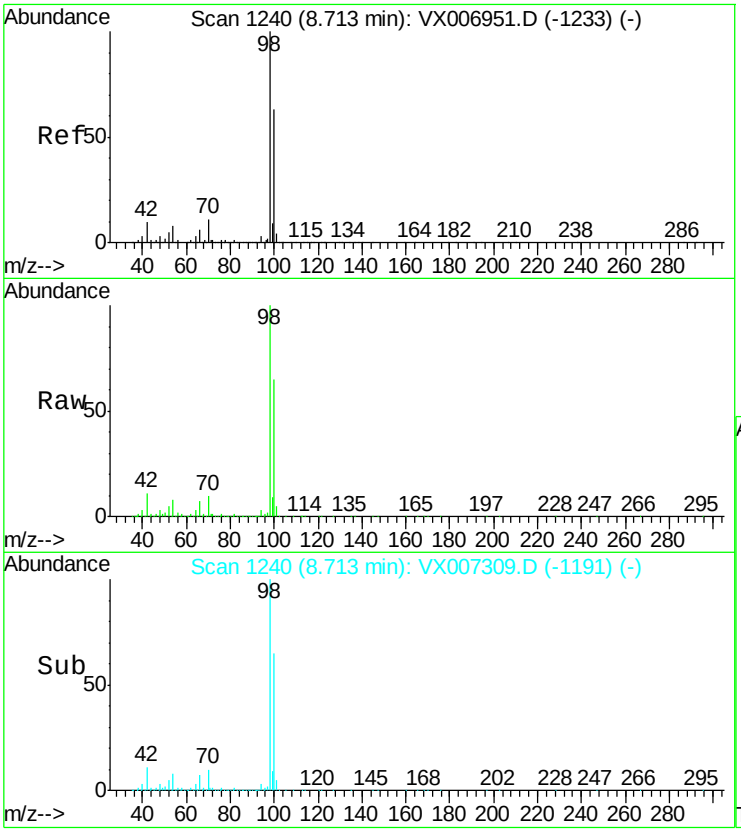


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion: 88 Resp: 106

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.2	33.4#
58	884.9	51.0	76.4#



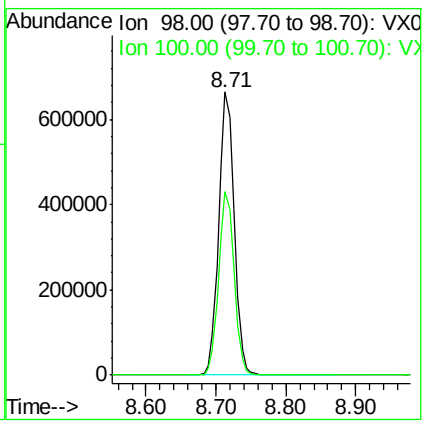


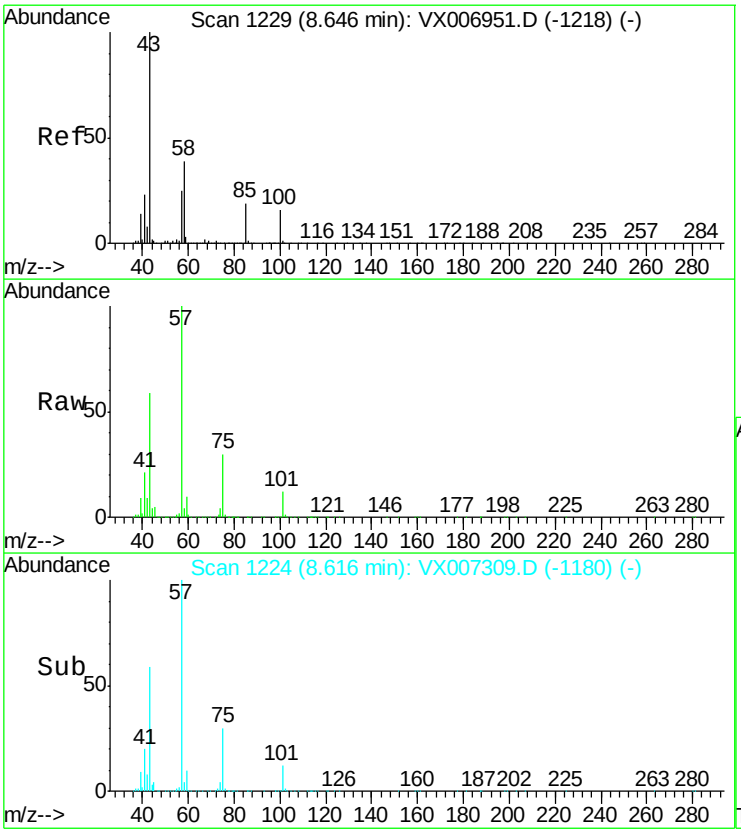
#50
Toluene-d8
Concen: 52.008 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#03

Tgt Ion: 98 Resp: 1025700

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0

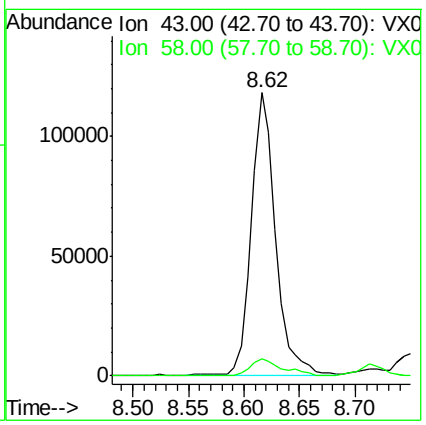


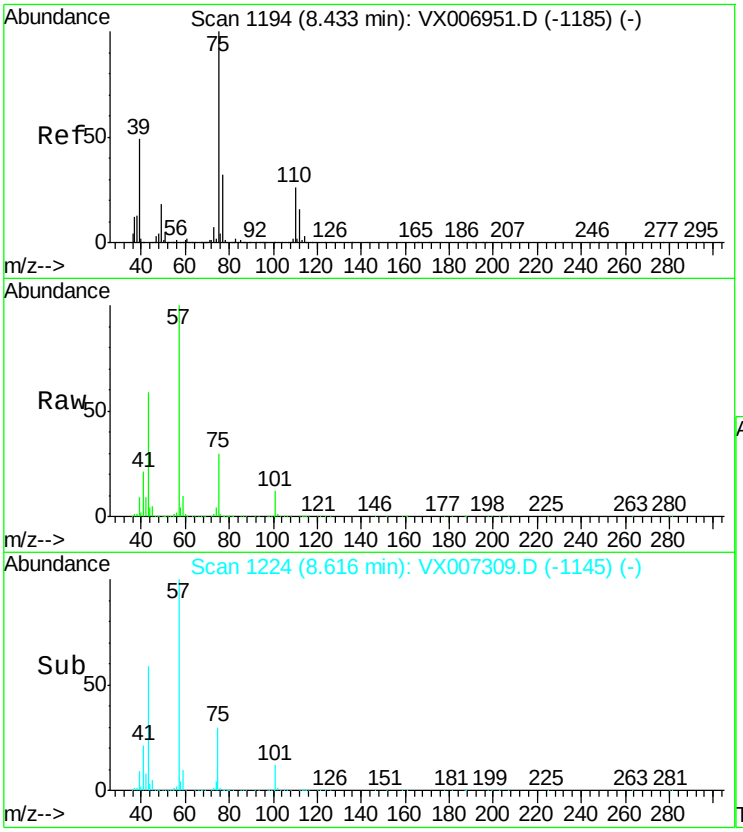


#51
4-Methyl-2-Pentanone
Concen: 22.446 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. -0.03 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion: 43 Resp: 178447

Ion	Ratio	Lower	Upper
43	100		
58	8.0	31.8	47.6#



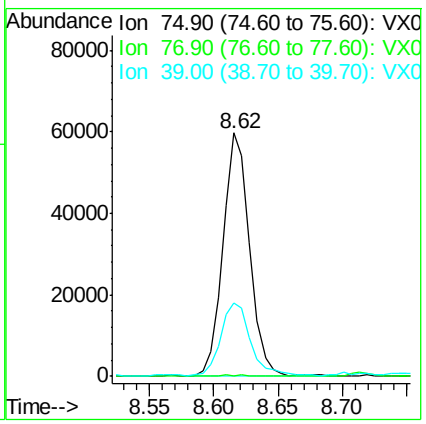


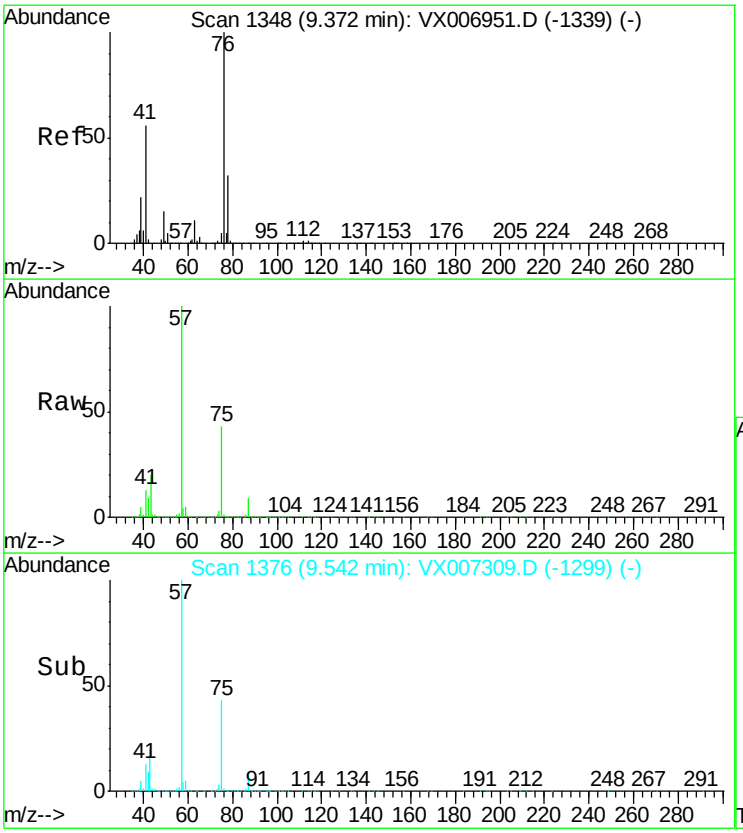
#54
cis-1,3-Dichloropropene
Concen: 10.589 ug/l
RT: 8.62 min Scan# 1224
Delta R.T. 0.18 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#03

Tgt Ion: 75 Resp: 87043

Ion	Ratio	Lower	Upper
75	100		
77	0.1	26.2	39.2#
39	29.9	36.7	55.1#

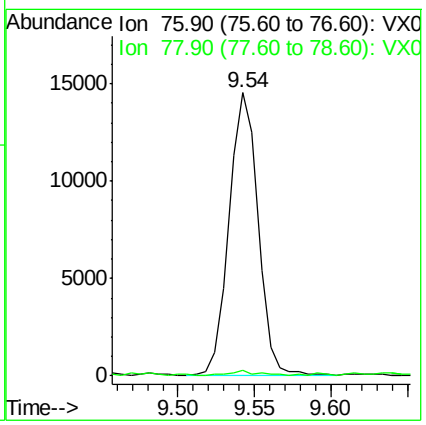


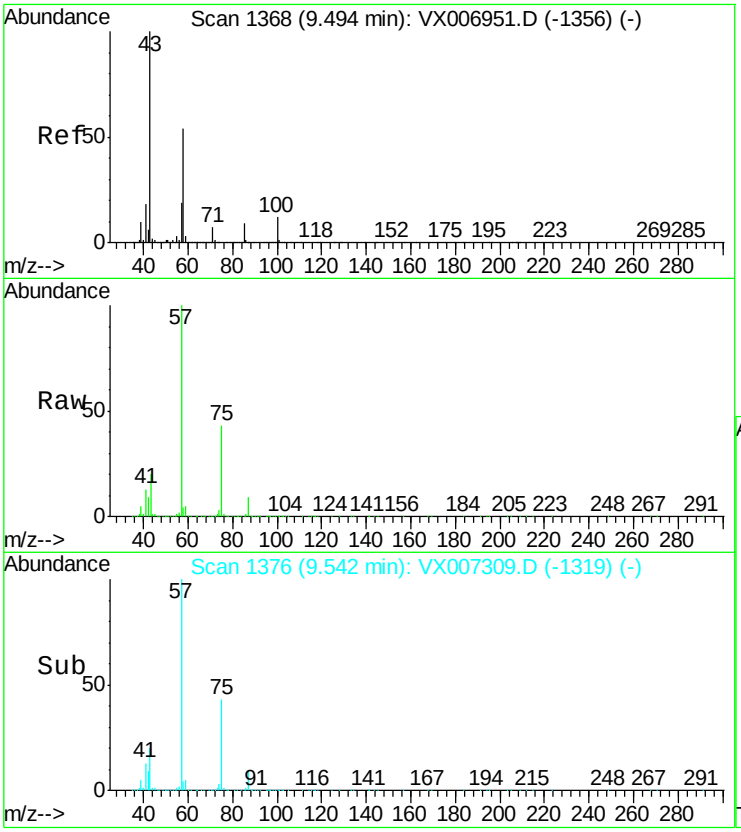


#57
1,3-Dichloropropane
Concen: 2.036 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.17 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion: 76 Resp: 19158

Ion	Ratio	Lower	Upper
76	100		
78	1.9	26.0	39.0#



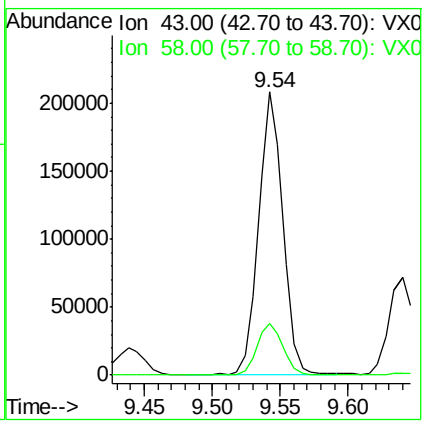


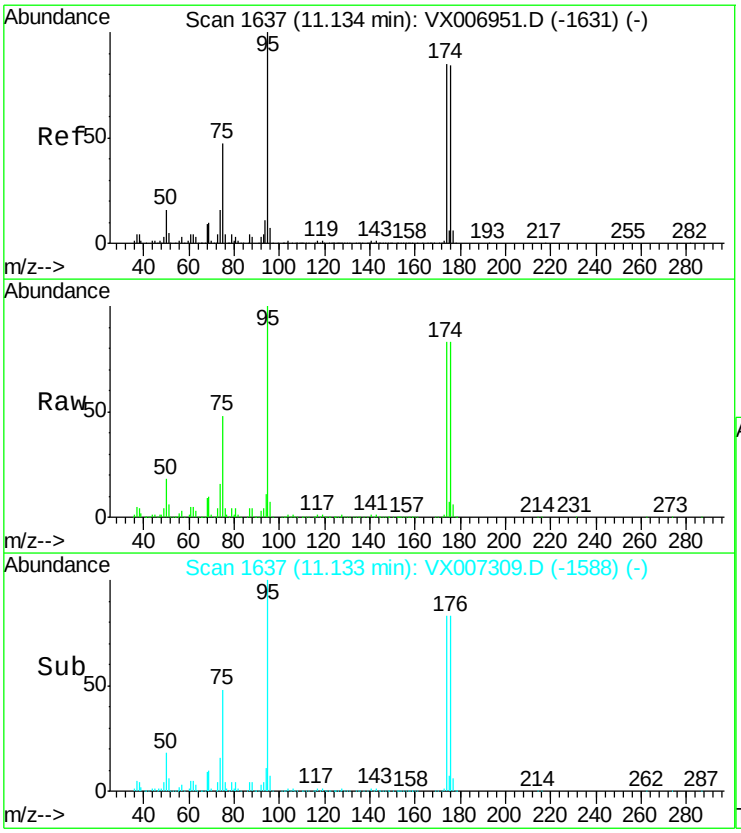
#59
2-Hexanone
Concen: 42.980 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#03

Tgt Ion: 43 Resp: 260384

Ion	Ratio	Lower	Upper
43	100		
58	19.9	27.7	83.1#

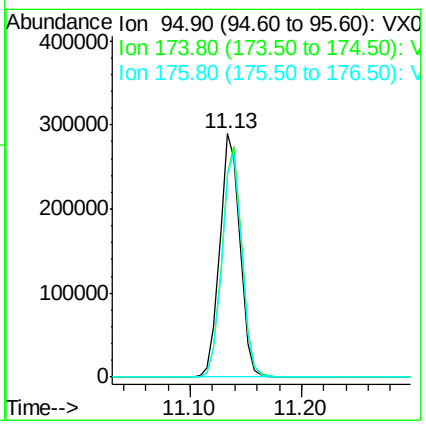


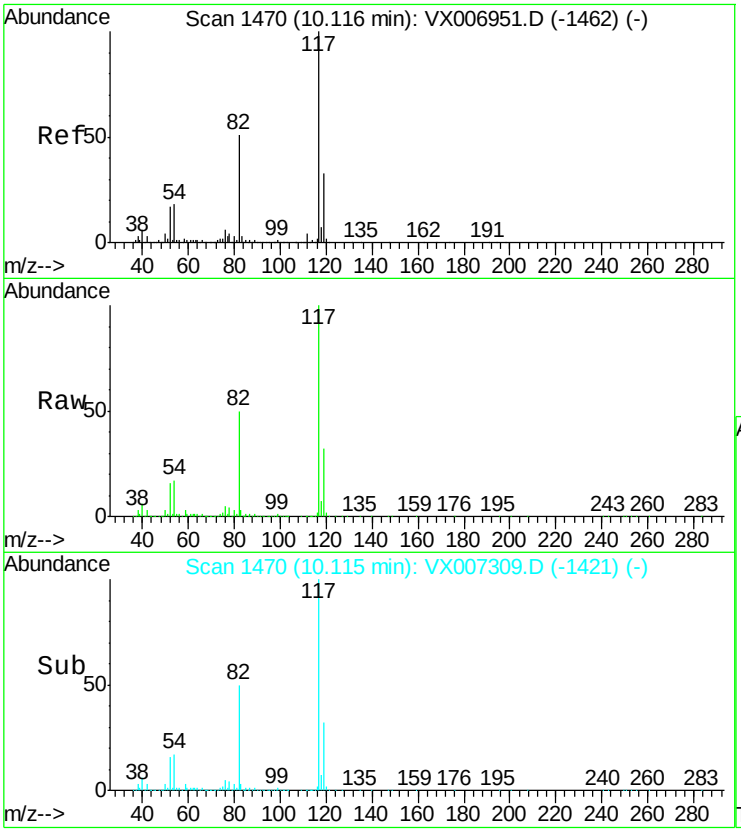


#62
4-Bromofluorobenzene
Concen: 52.684 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion: 95 Resp: 362232

Ion	Ratio	Lower	Upper
95	100		
174	93.2	0.0	182.2
176	90.7	0.0	178.8



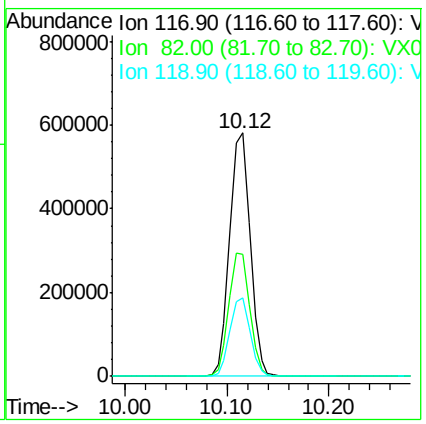


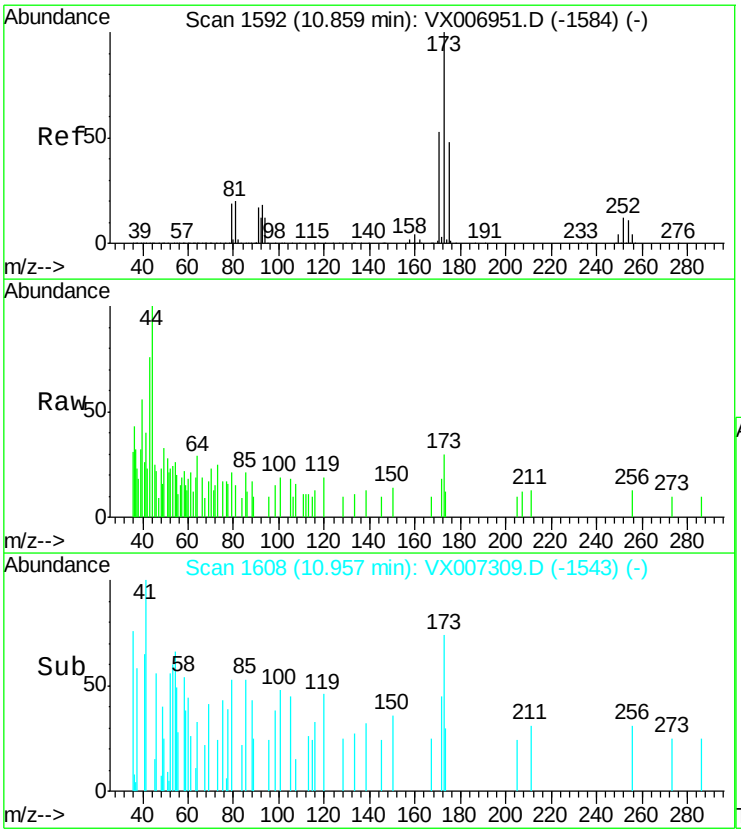
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument : MSVOA_X
ClientSampleId : PB116701ZHE#03

Tgt Ion:117 Resp: 807806

Ion	Ratio	Lower	Upper
117	100		
82	49.9	41.0	61.6
119	32.2	25.4	38.0

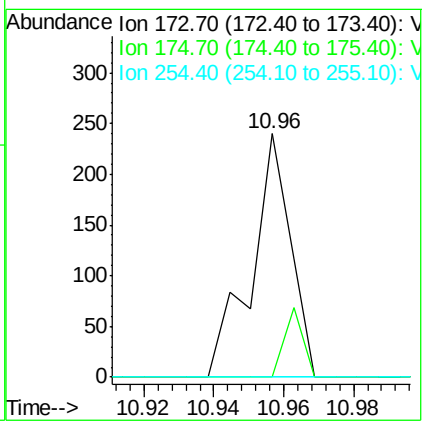


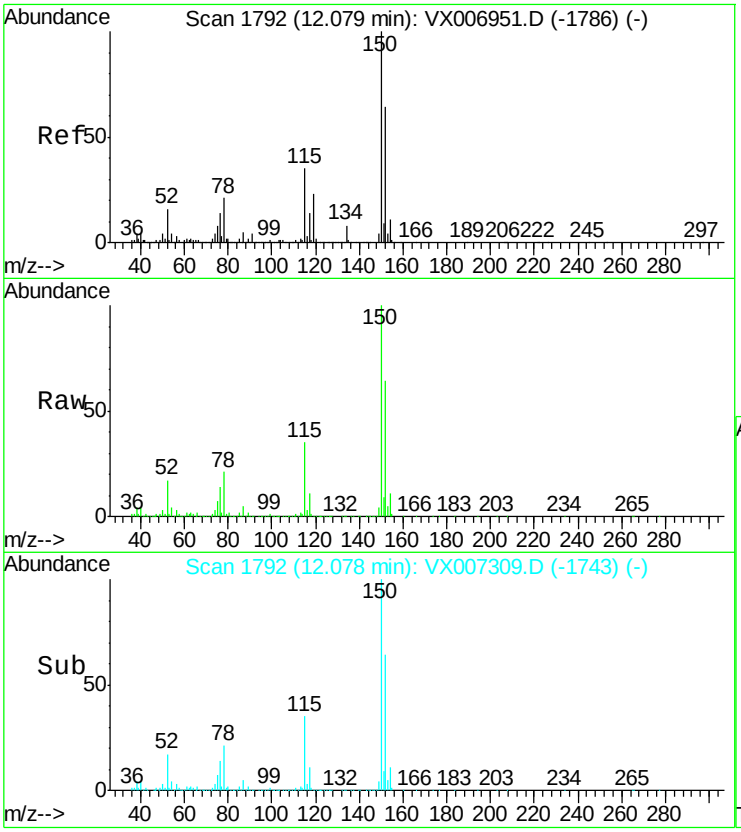


#71
Bromoform
Concen: 4.759 ug/l
RT: 10.96 min Scan# 1608
Delta R.T. 0.10 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion:173 Resp: 186

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.7	74.1#
254	0.0	0.2	0.2#



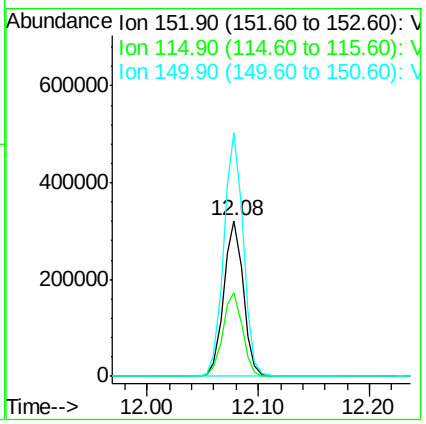


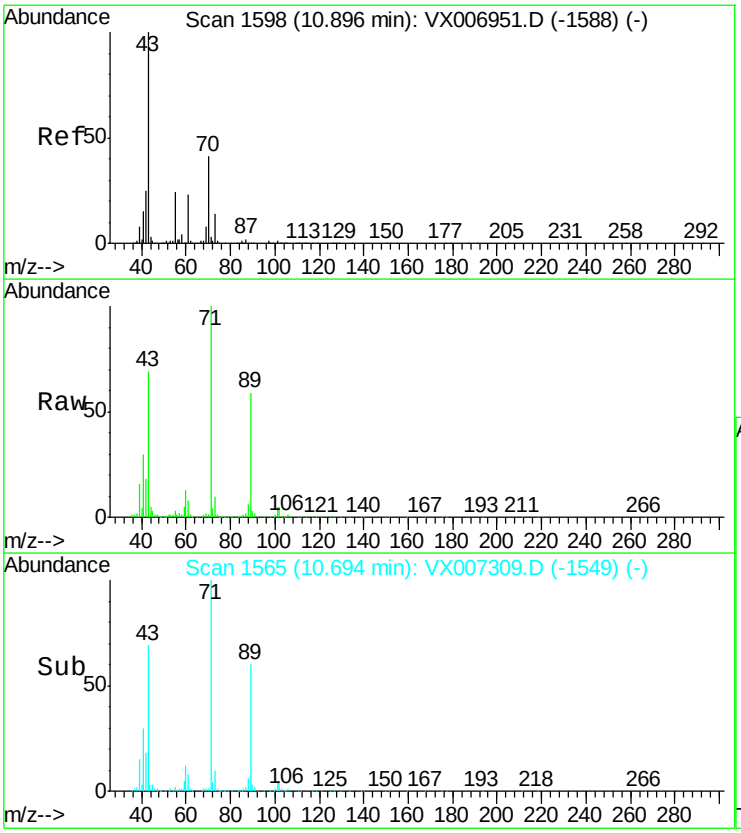
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument : MSVOA_X
ClientSampleId : PB116701ZHE#03

Tgt Ion:152 Resp: 386678

Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.1	117.2
150	156.6	0.0	344.8

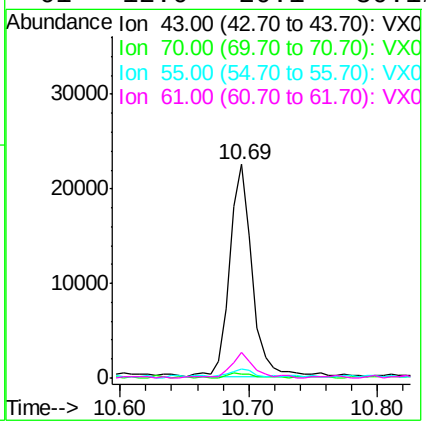


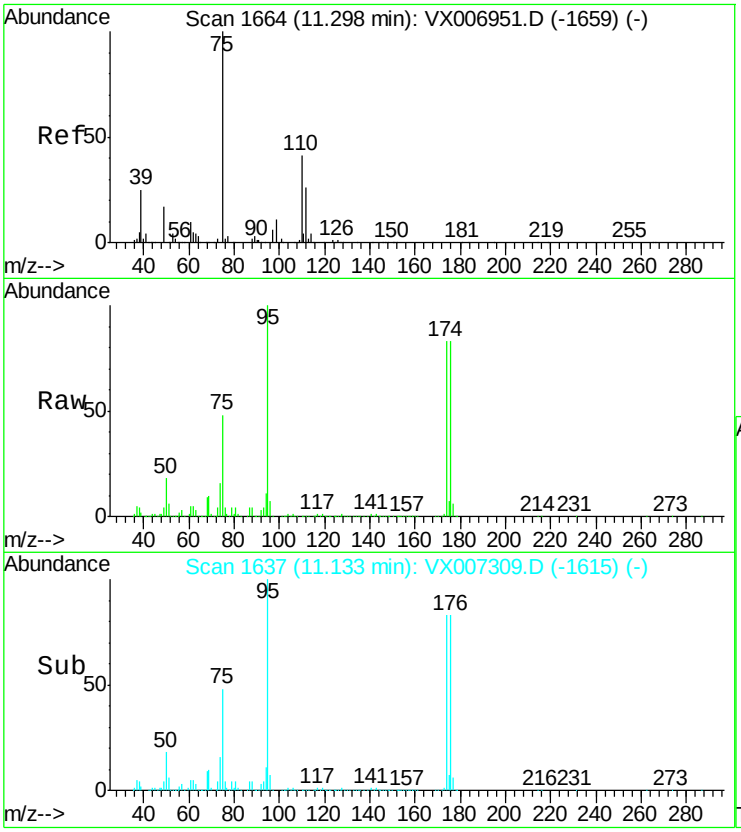


#74
N-amyl acetate
Concen: 2.483 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.20 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion: 43 Resp: 27262

Ion	Ratio	Lower	Upper
43	100		
70	3.1	35.8	53.8#
55	4.0	19.4	29.0#
61	12.0	20.1	30.1#



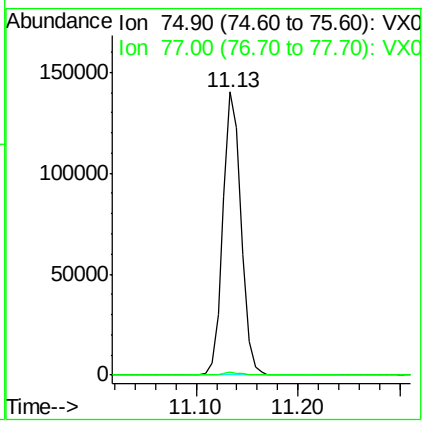


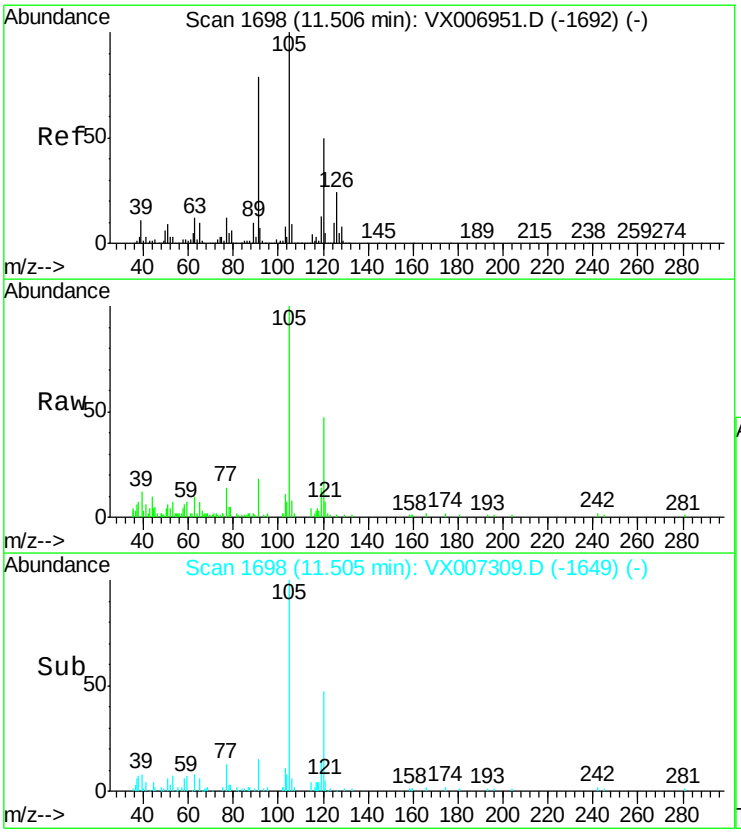
#76
1,2,3-Trichloropropane
Concen: 22.115 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#03

Tgt Ion: 75 Resp: 173292

Ion	Ratio	Lower	Upper
75	100		
77	1.0	18.5	55.5#

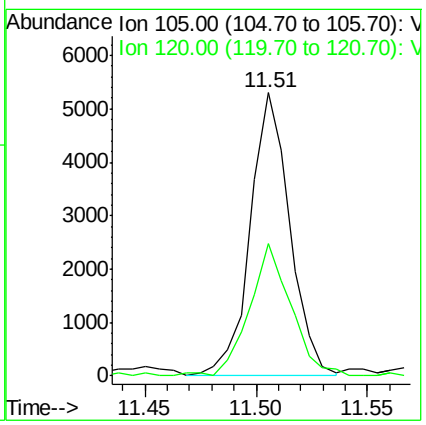


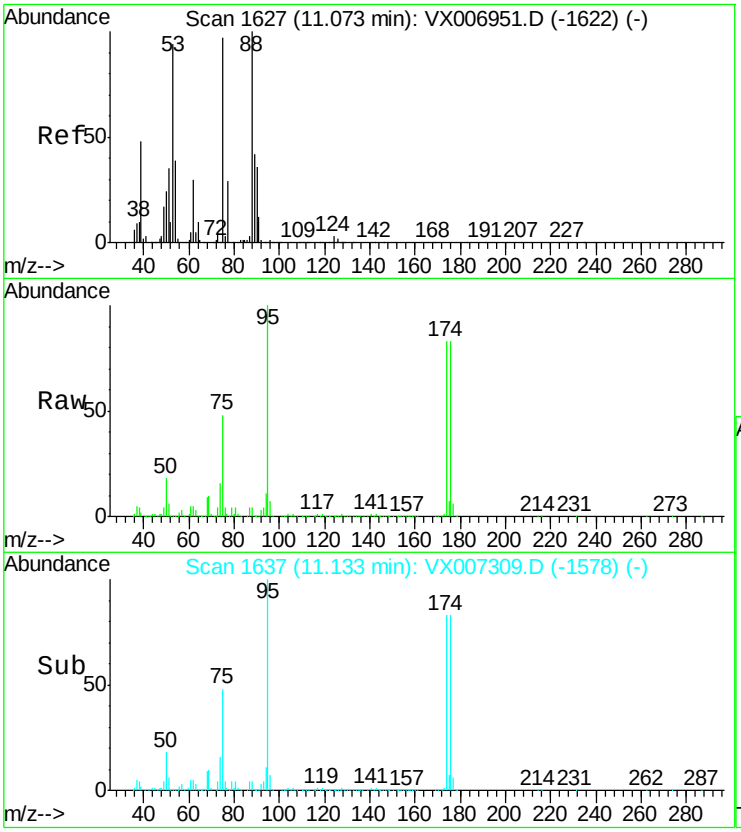


#80
1,3,5-Trimethylbenzene
Concen: 0.289 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion:105 Resp: 6581

Ion	Ratio	Lower	Upper
105	100		
120	48.9	25.1	75.3



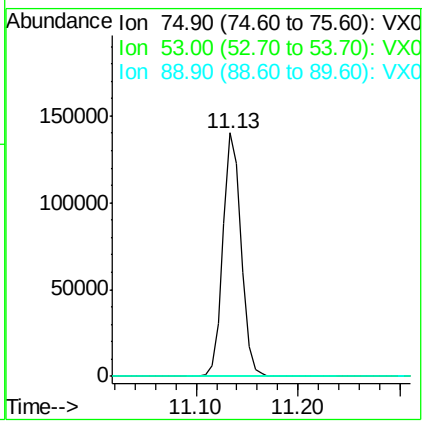


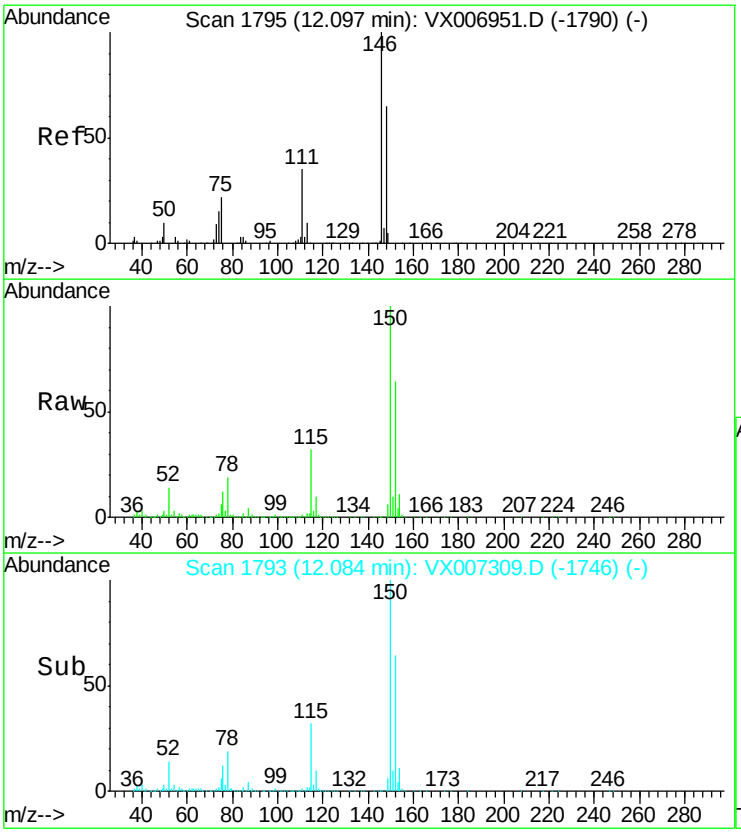
#81
trans-1,4-Dichloro-2-butene
Concen: 65.474 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument :
MSVOA_X
ClientSampleId :
PB116701ZHE#03

Tgt Ion: 75 Resp: 173292

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.7	119.5#
89	0.0	38.0	57.0#

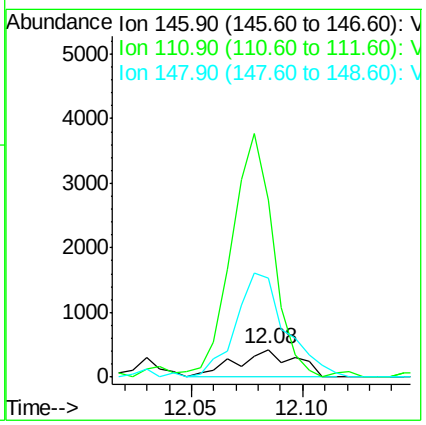


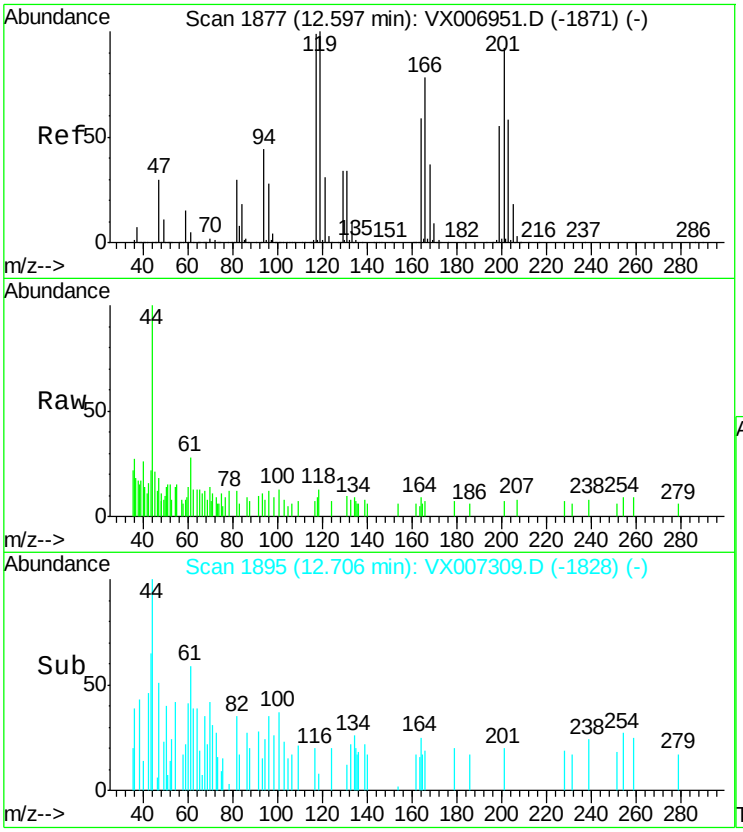


#88
1,4-Dichlorobenzene
Concen: 0.206 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion:146 Resp: 792

Ion	Ratio	Lower	Upper
146	100		
111	625.4	18.1	54.1#
148	320.1	31.9	95.9#



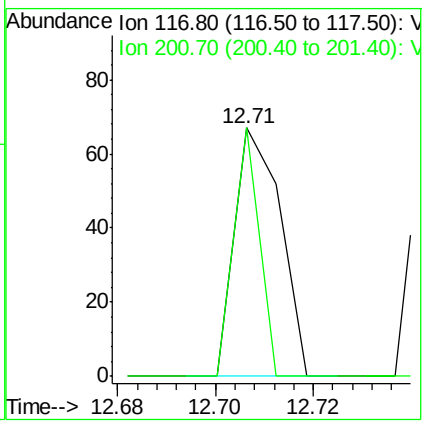


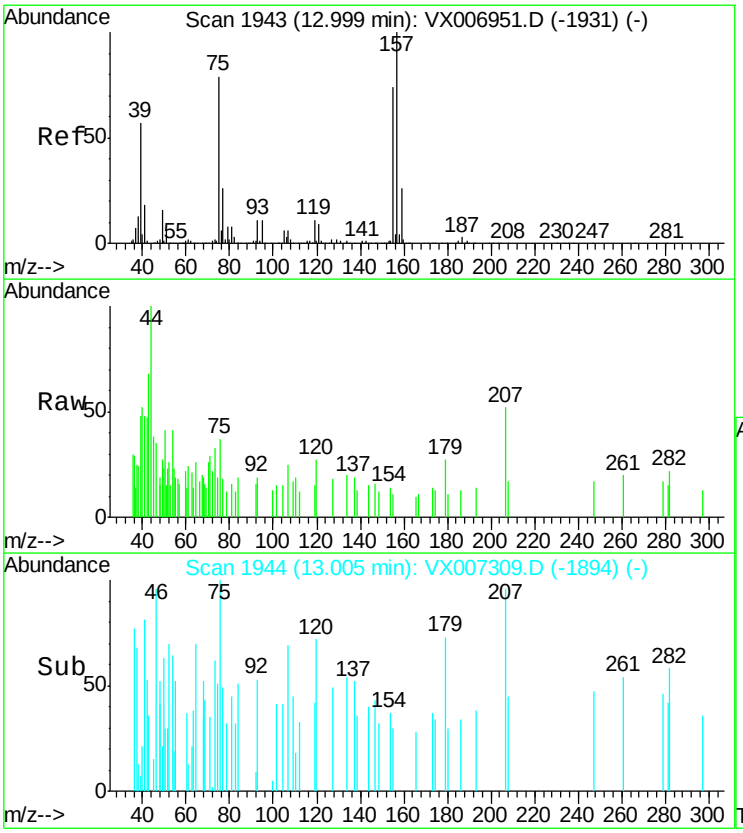
#90
Hexachloroethane
Concen: 2.919 ug/l
RT: 12.71 min Scan# 1895
Delta R.T. 0.11 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Instrument : MSVOA_X
ClientSampleId : PB116701ZHE#03

Tgt Ion:117 Resp: 44

Ion	Ratio	Lower	Upper
117	100		
201	56.8	42.9	128.7





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.242 ug/l
RT: 13.01 min Scan# 1944
Delta R.T. 0.01 min
Lab File: VX007309.D
Acq: 30 Jan 2019 12:45

Tgt Ion: 75 Resp: 415

Ion	Ratio	Lower	Upper
75	100		
155	9.9	50.6	151.8#
157	0.0	64.6	193.8#