Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042919\
Data File : VX009227.D
Acq On : 29 Apr 2019 22:59
Operator : JC/SP
Sample : K2594-12 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : WP021RW246-190423

Quant Time: Apr 30 09:10:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	197142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	313990	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128302	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.34%			
35) Dibromofluoromethane	5.49	113	94257	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.50%			
50) Toluene-d8	8.71	98	399101	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.16%			
62) 4-Bromofluorobenzene	11.13	95	140057	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.74%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.41	62	789910	326.603	ug/l	98
12) 1,1-Dichloroethene	2.36	96	797	0.431	ug/l #	85
24) 1,1-Dichloroethane	3.70	63	2564	0.600	ug/l #	94
27) cis-1,2-Dichloroethene	4.59	96	57269	23.917	ug/l	91
39) Methylcyclohexane	7.46	83	803	0.224	ug/l #	83
40) Benzene	6.14	78	63523	7.034	ug/l	99
52) Toluene	8.78	92	2900	0.528	ug/l	95
64) Tetrachloroethene	9.34	164	1951	1.006	ug/l	95
65) Chlorobenzene	10.14	112	654517	115.731	ug/l	99
73) Isopropylbenzene	11.02	105	2291	0.255	ug/l	99
83) tert-Butylbenzene	11.77	119	7542	1.027	ug/l	88
85) sec-Butylbenzene	11.94	105	5261	0.604	ug/l #	57
87) 1,3-Dichlorobenzene	12.02	146	3580	0.902	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	12762	3.190	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	36731	9.087	ug/l	99

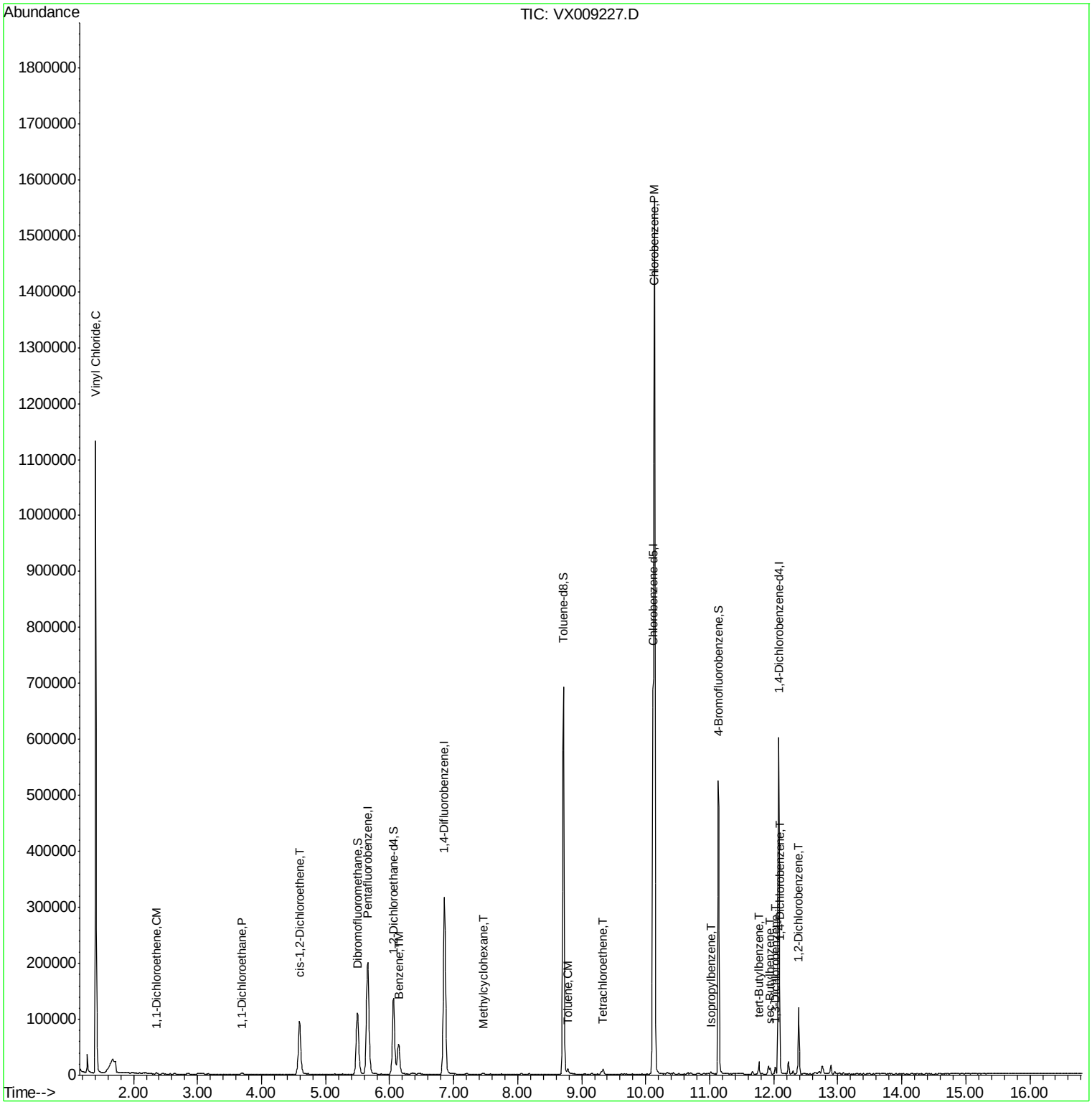
(#) = qualifier out of range (m) = manual integration (+) = signals summed

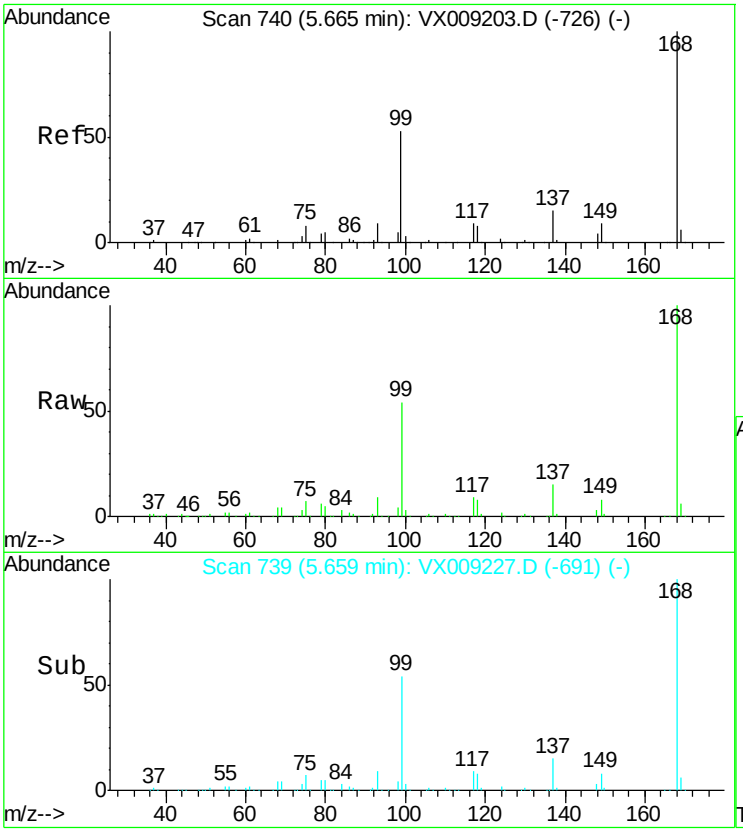
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042919\
Data File : VX009227.D
Acq On : 29 Apr 2019 22:59
Operator : JC/SP
Sample : K2594-12 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-190423

Quant Time: Apr 30 09:10:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration



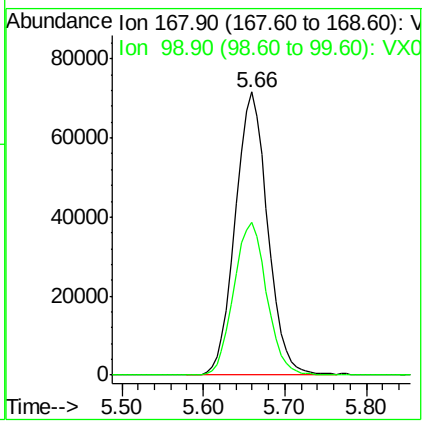


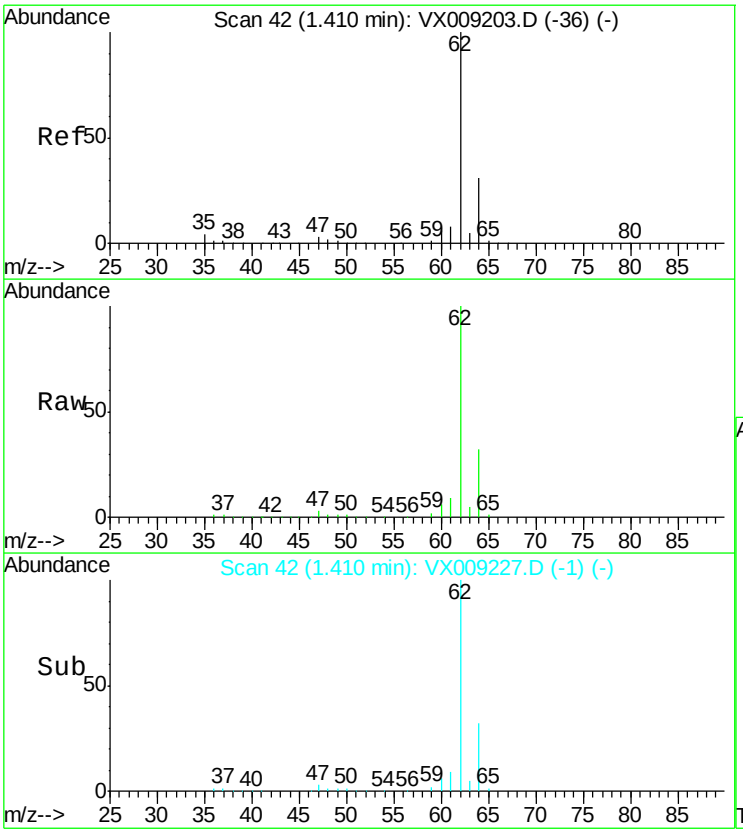
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-190423

Tgt Ion:168 Resp: 197142

Ion	Ratio	Lower	Upper
168	100		
99	54.2	42.3	63.5

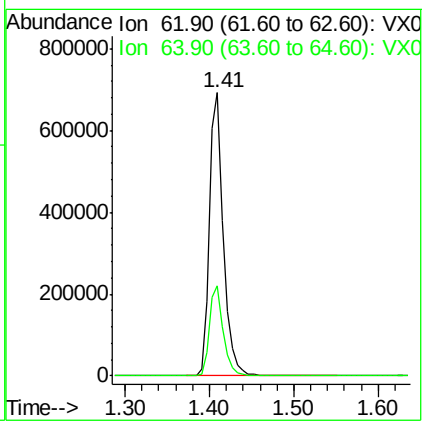


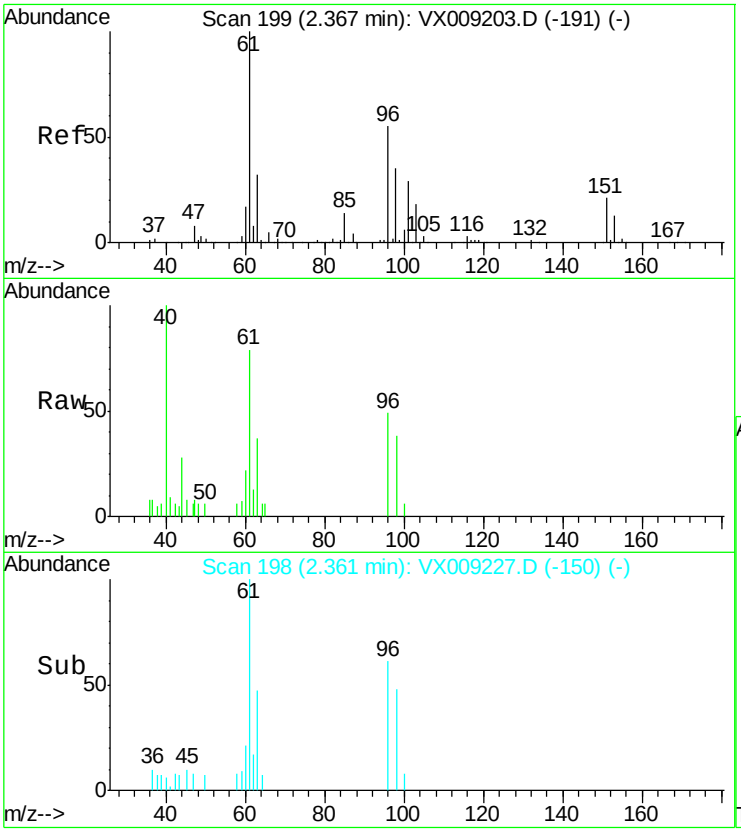


#4
Vinyl Chloride
Concen: 326.603 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Tgt Ion: 62 Resp: 789910

Ion	Ratio	Lower	Upper
62	100		
64	32.0	24.6	36.8



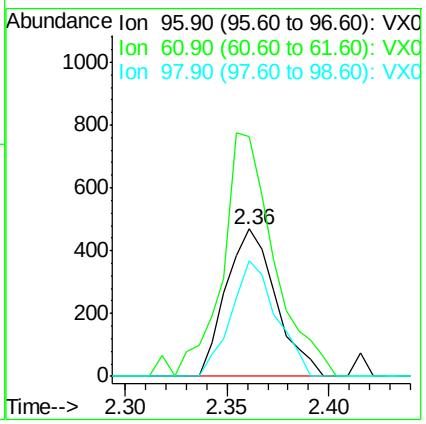


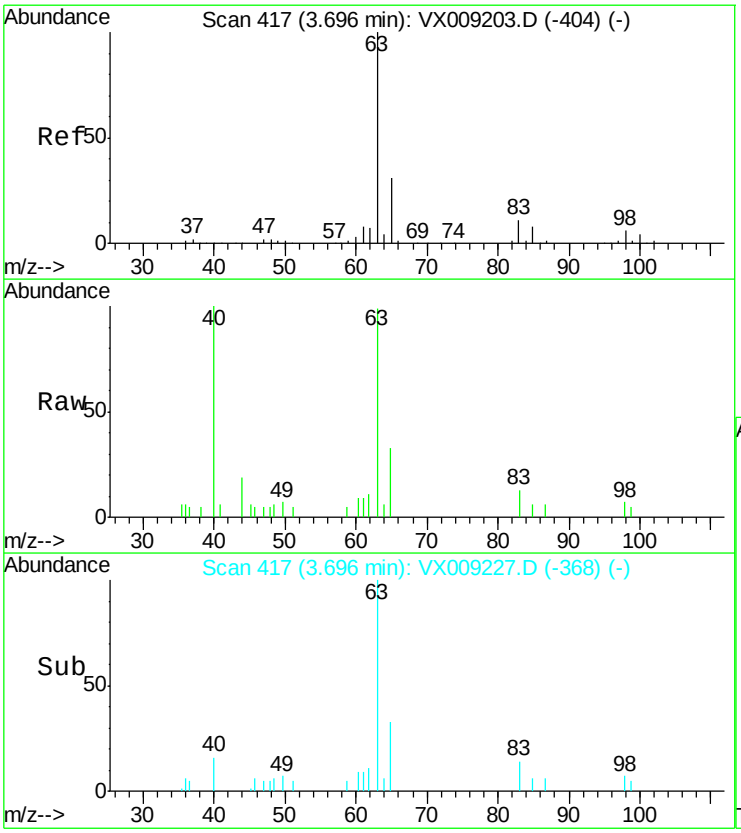
#12
1,1-Dichloroethene
Concen: 0.431 ug/l
RT: 2.36 min Scan# 198
Delta R.T. -0.01 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Instrument : MSVOA_X
ClientSampleId : WP021RW246-190423

Tgt Ion: 96 Resp: 797

Ion	Ratio	Lower	Upper
96	100		
61	162.7	144.3	216.5
98	78.7	50.3	75.5#

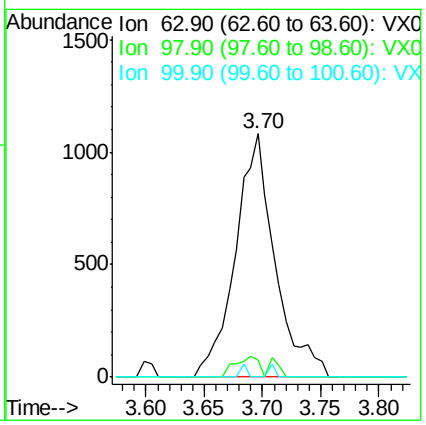


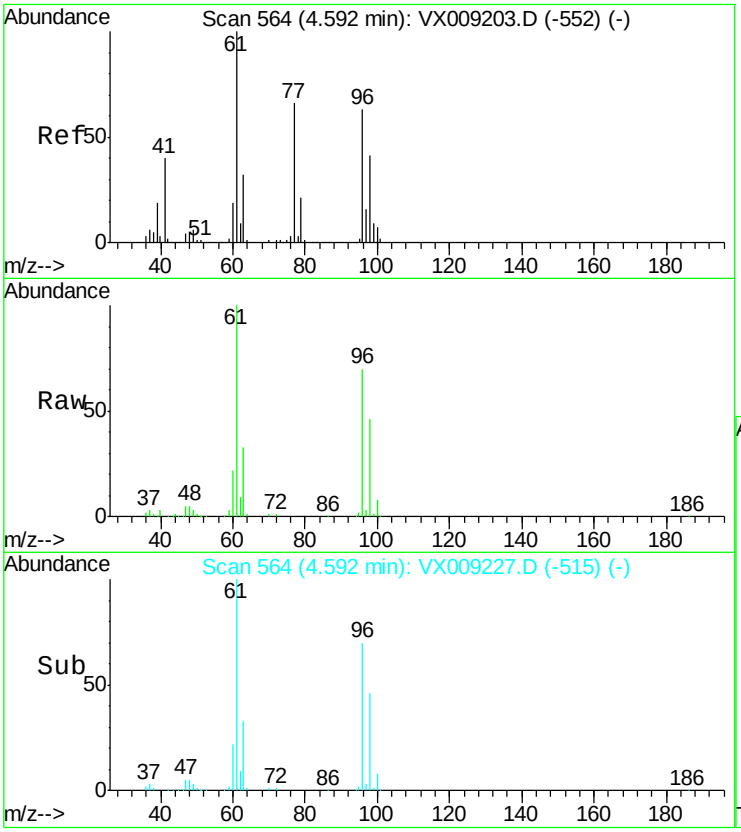


#24
1,1-Dichloroethane
Concen: 0.600 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Tgt Ion: 63 Resp: 2564

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.0	9.2
100	0.0	2.0	6.0#



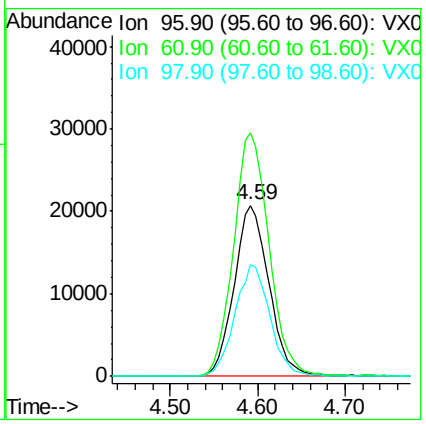


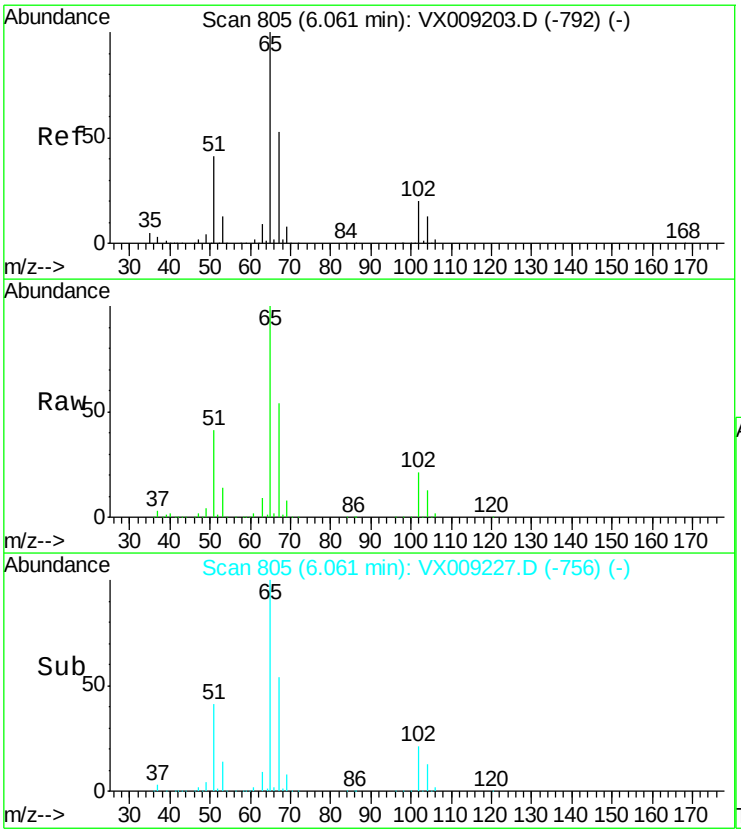
#27
cis-1,2-Dichloroethene
Concen: 23.917 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-190423

Tgt Ion: 96 Resp: 57269

Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	324.0
98	65.7	0.0	130.4

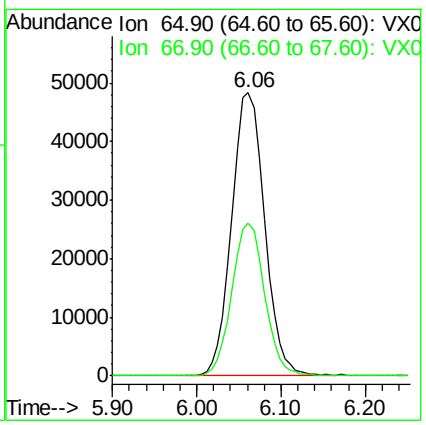


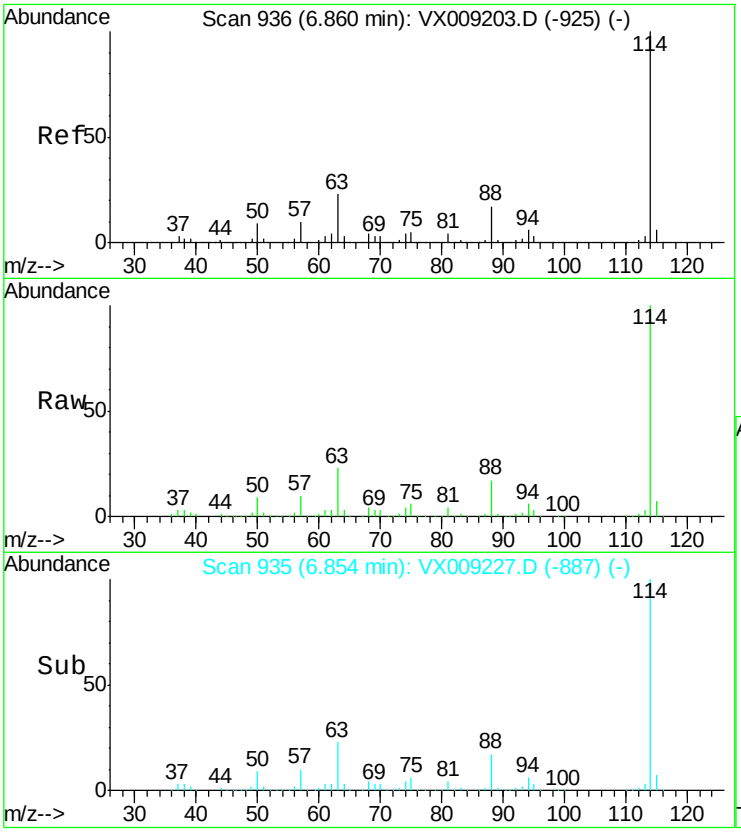


#33
1,2-Dichloroethane-d4
Concen: 47.674 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Tgt Ion: 65 Resp: 128302

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.6



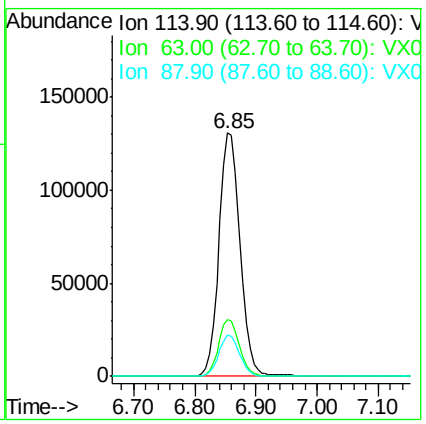


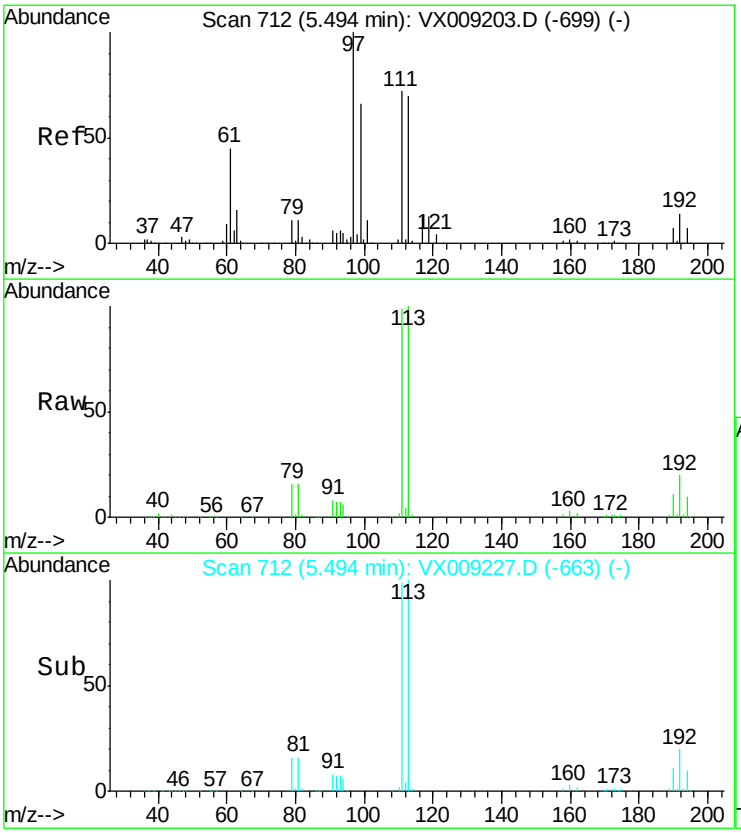
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-190423

Tgt Ion:114 Resp: 313990

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	45.6
88	17.2	0.0	33.2

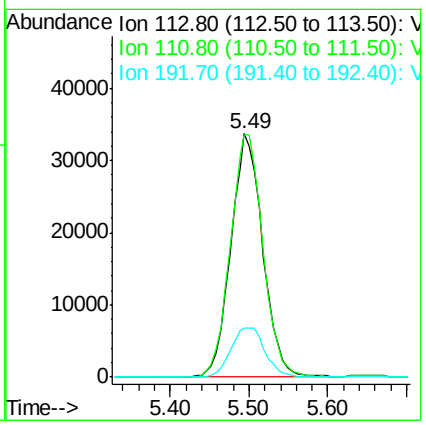


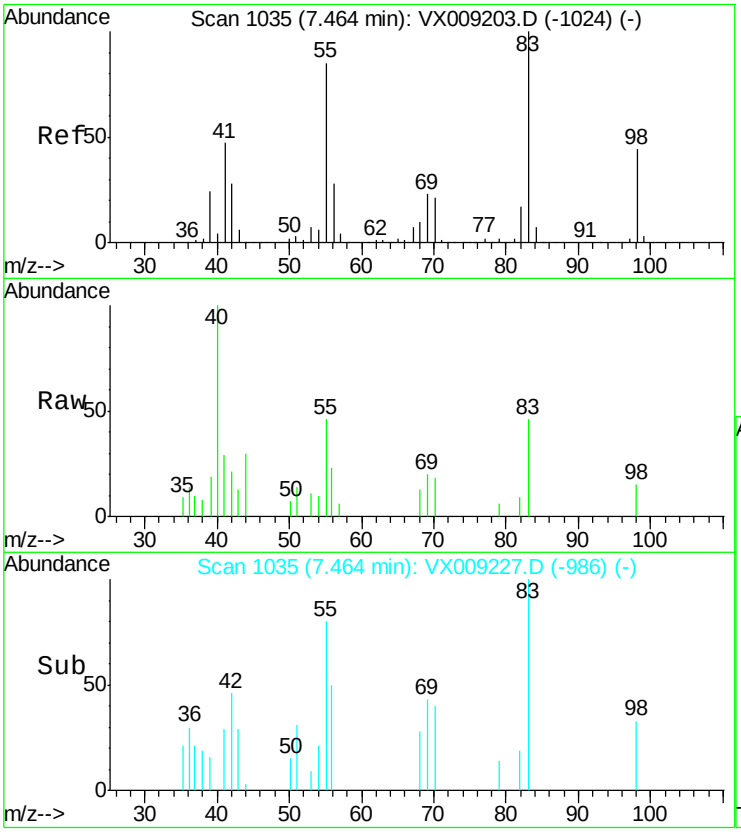


#35
Dibromofluoromethane
Concen: 47.752 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Tgt Ion:113 Resp: 94257

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.8	124.2
192	21.9	17.0	25.6



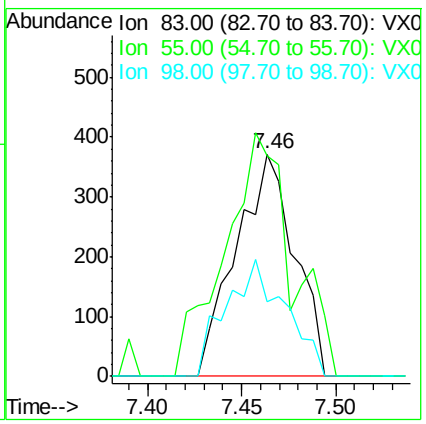


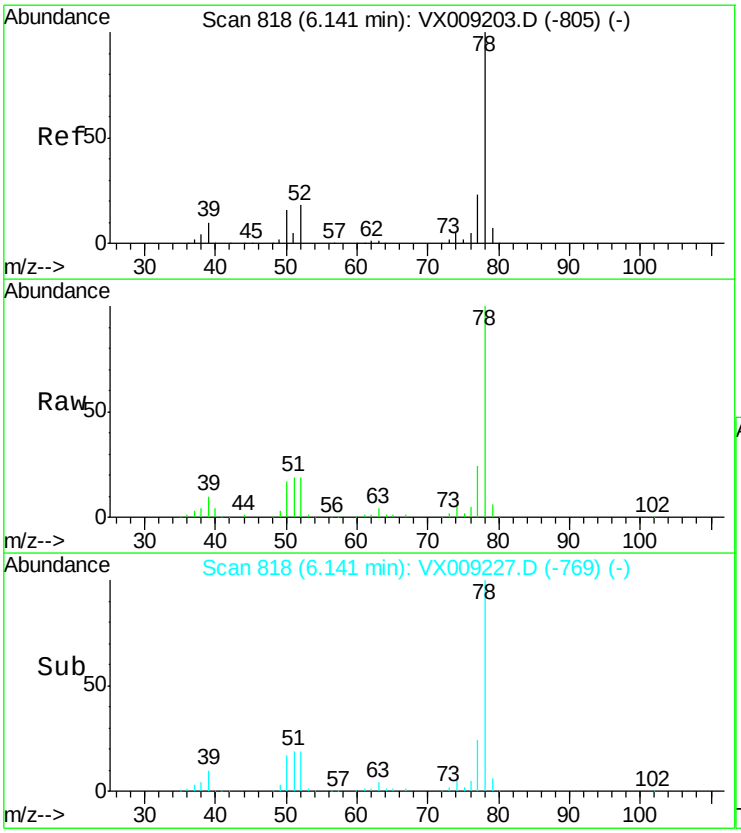
#39
Methylcyclohexane
Concen: 0.224 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-190423

Tgt Ion: 83 Resp: 803

Ion	Ratio	Lower	Upper
83	100		
55	99.5	67.7	101.5
98	33.3	35.5	53.3#

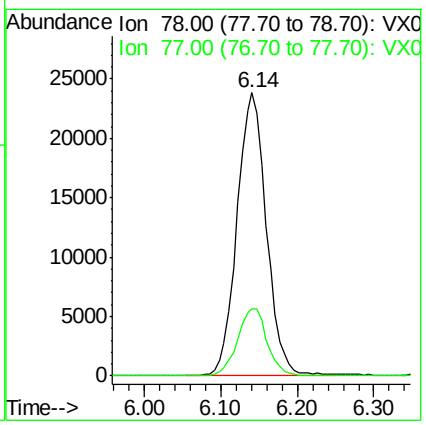


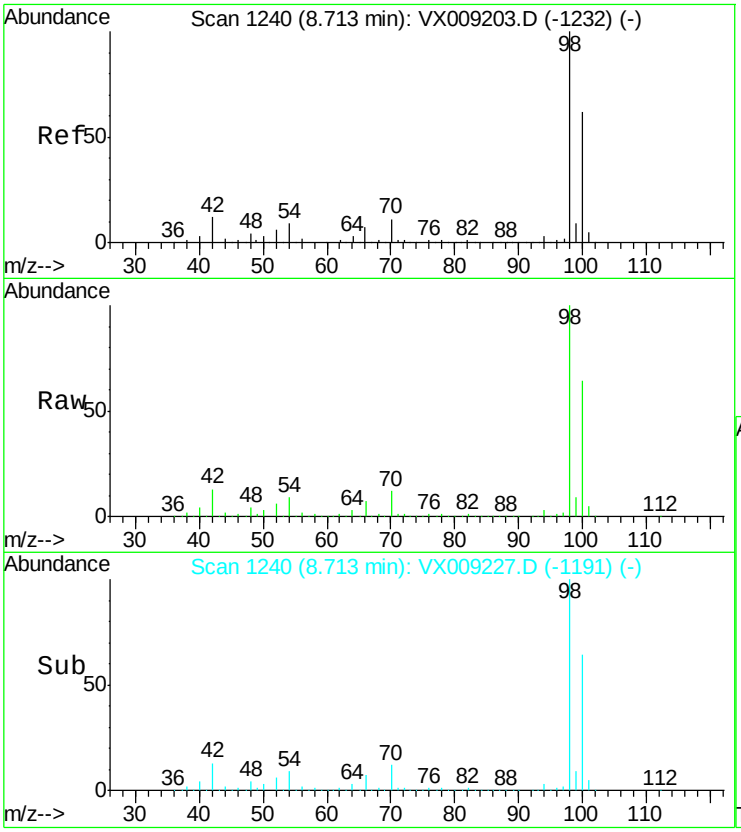


#40
Benzene
Concen: 7.034 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Tgt Ion: 78 Resp: 63523

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2



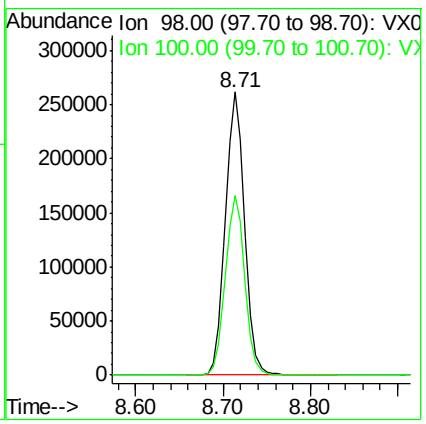


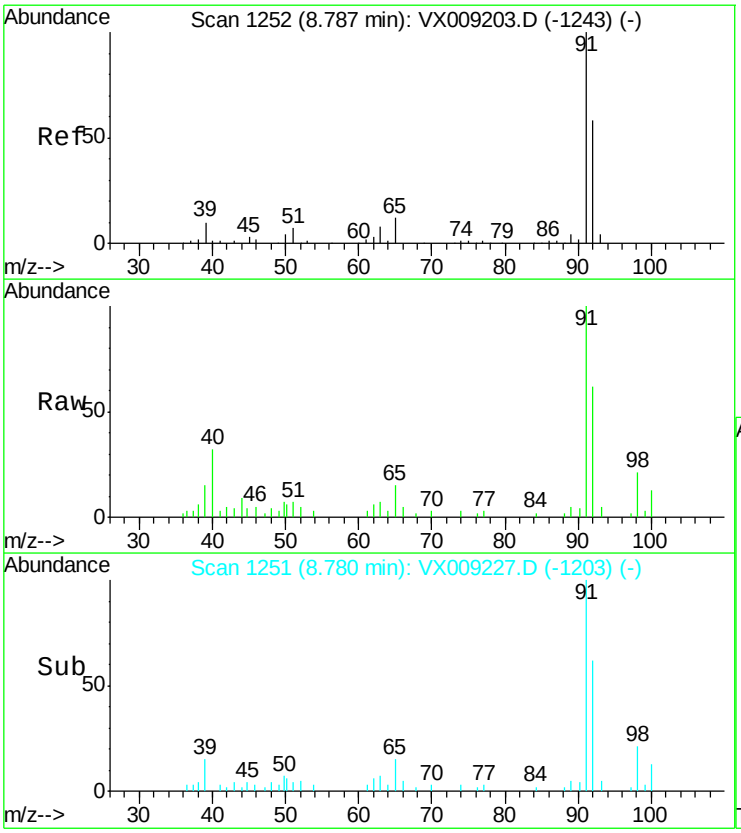
#50
Toluene-d8
Concen: 50.082 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-190423

Tgt Ion: 98 Resp: 399101

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8

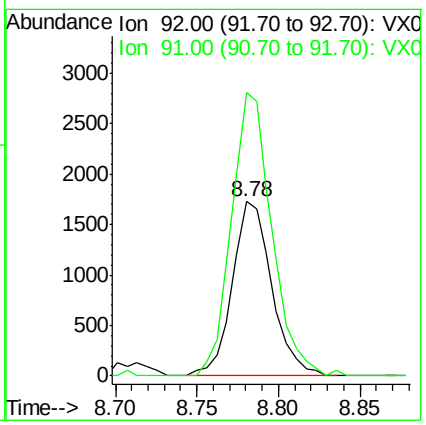


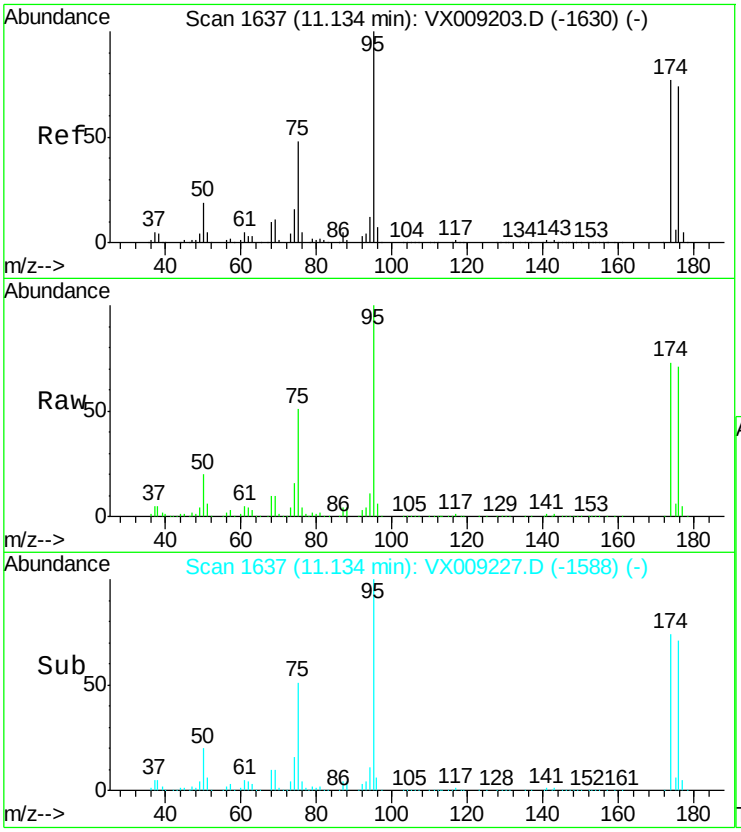


#52
Toluene
Concen: 0.528 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Tgt Ion: 92 Resp: 2900

Ion	Ratio	Lower	Upper
92	100		
91	166.8	138.8	208.2



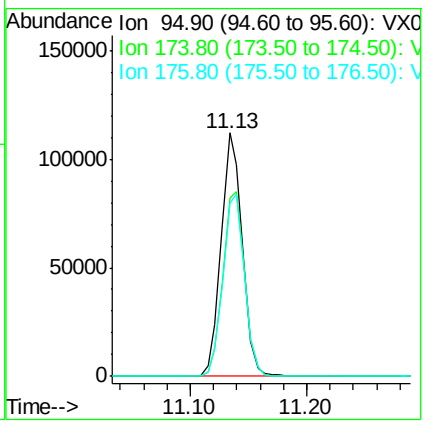


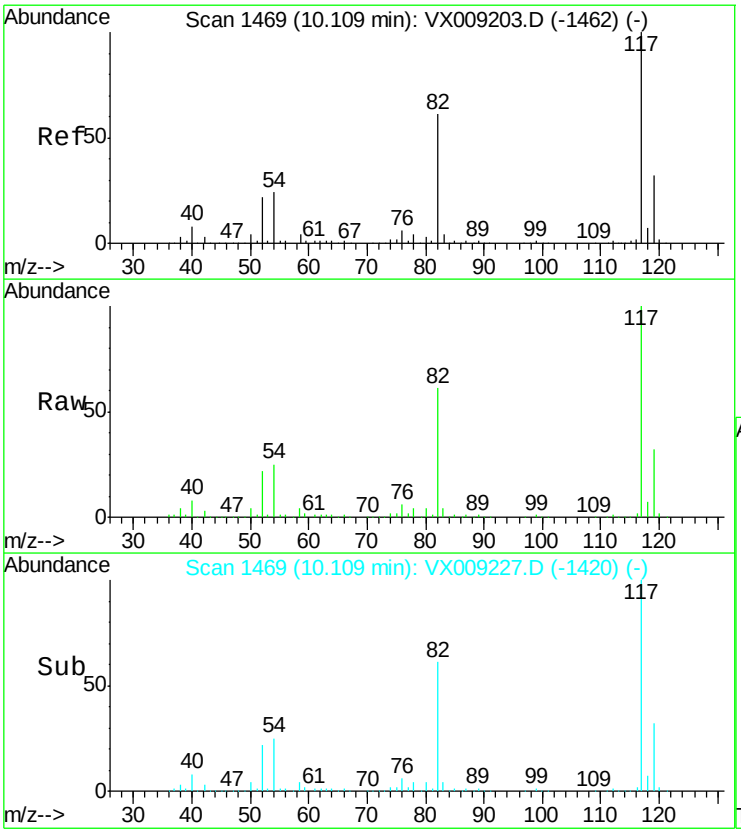
#62
4-Bromofluorobenzene
Concen: 48.368 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-190423

Tgt Ion: 95 Resp: 140057

Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	161.6
176	76.9	0.0	159.2

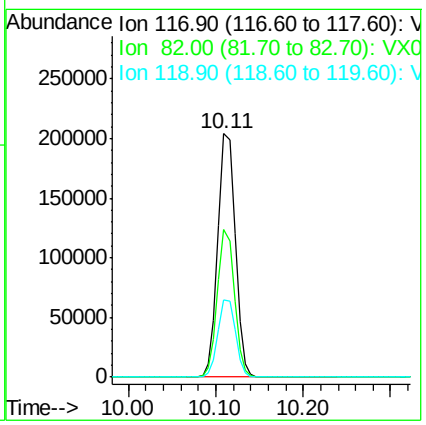


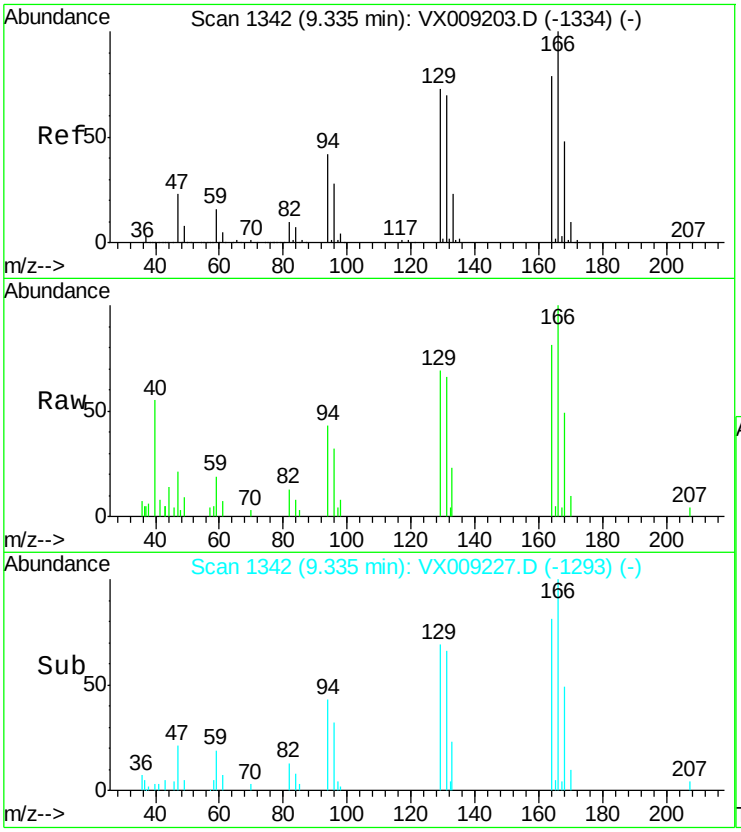


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Tgt Ion:117 Resp: 282711

Ion	Ratio	Lower	Upper
117	100		
82	60.7	48.8	73.2
119	31.8	25.8	38.6



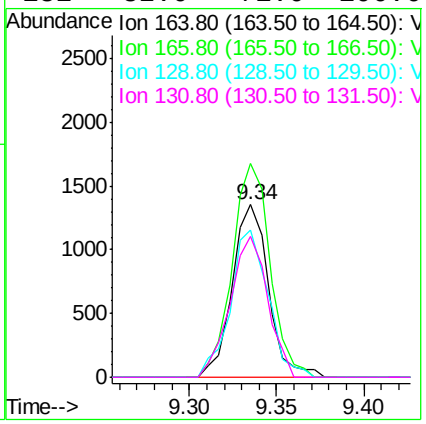


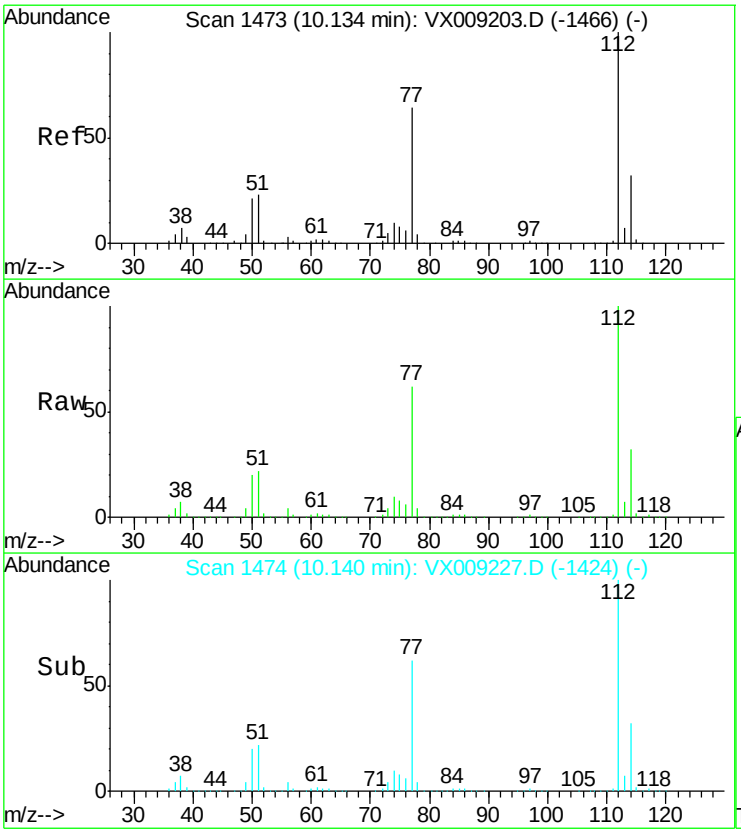
#64
Tetrachloroethene
Concen: 1.006 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-190423

Tgt Ion:164 Resp: 1951

Ion	Ratio	Lower	Upper
164	100		
166	123.9	101.2	151.8
129	85.4	74.3	111.5
131	82.0	71.0	106.6

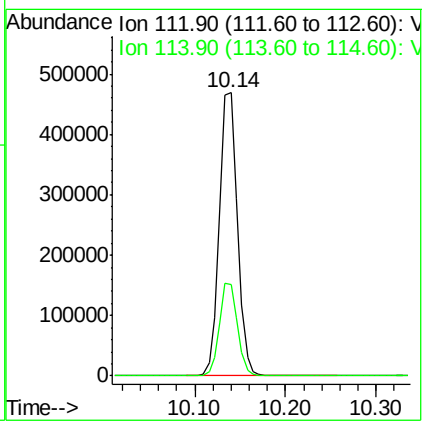


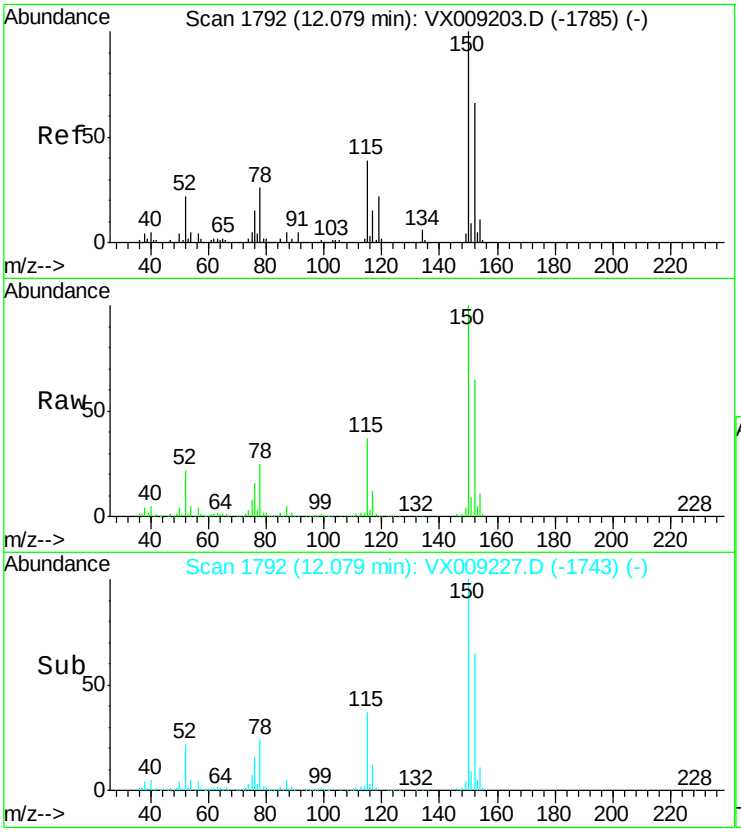


#65
Chlorobenzene
Concen: 115.731 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Tgt Ion:112 Resp: 654517

Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.5	38.3



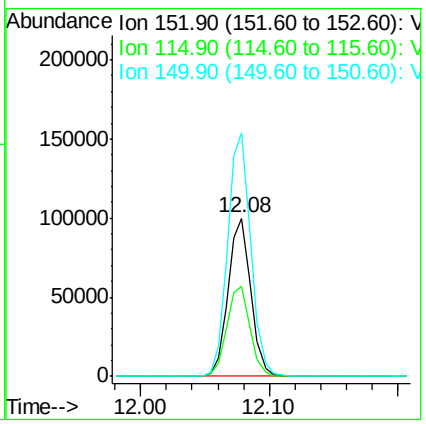


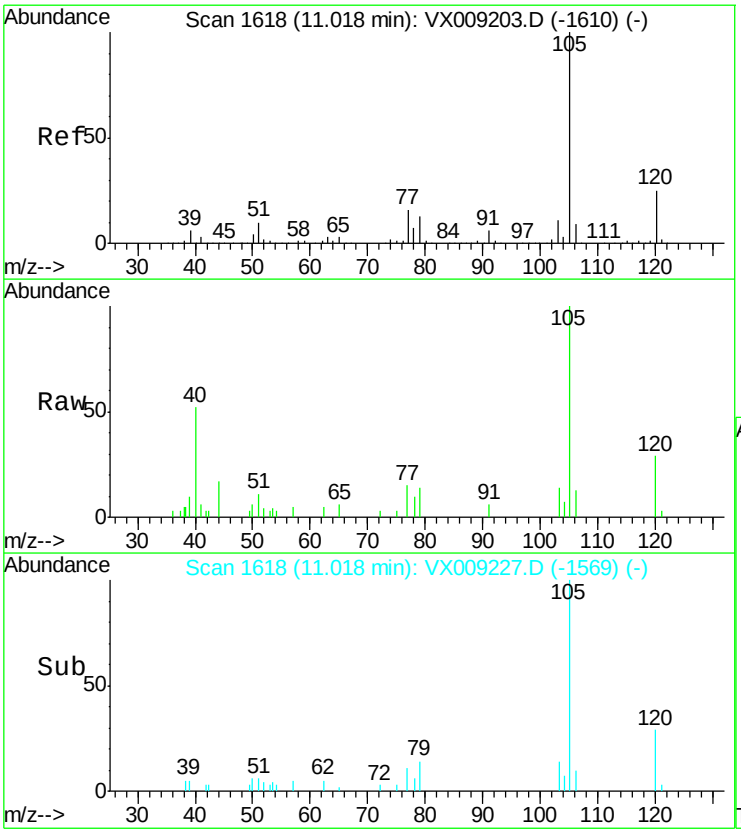
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-190423

Tgt Ion:152 Resp: 123345

Ion	Ratio	Lower	Upper
152	100		
115	58.5	41.2	123.6
150	157.1	0.0	346.4

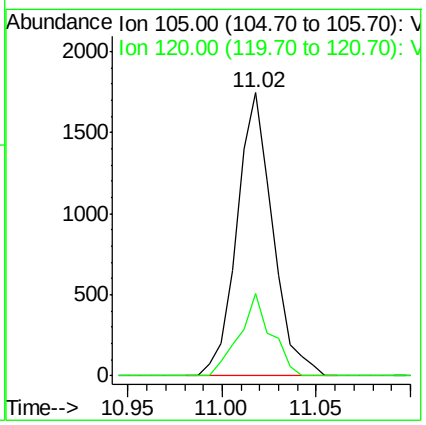


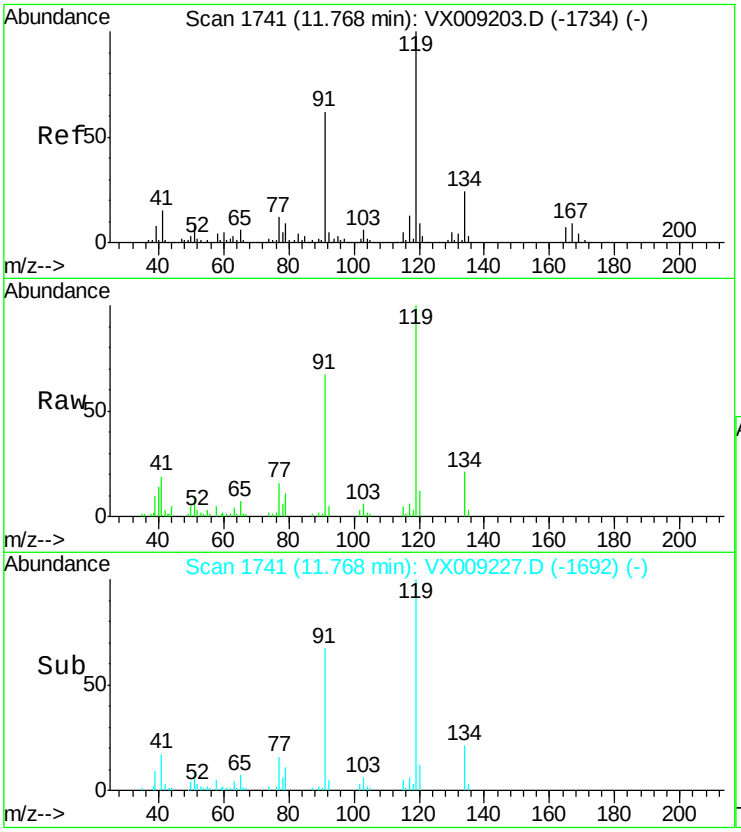


#73
Isopropylbenzene
Concen: 0.255 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Tgt Ion:105 Resp: 2291

Ion	Ratio	Lower	Upper
105	100		
120	26.0	12.8	38.3



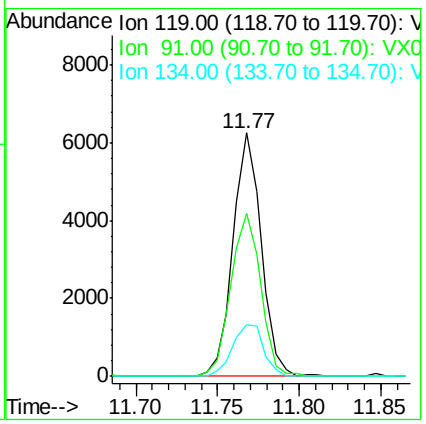


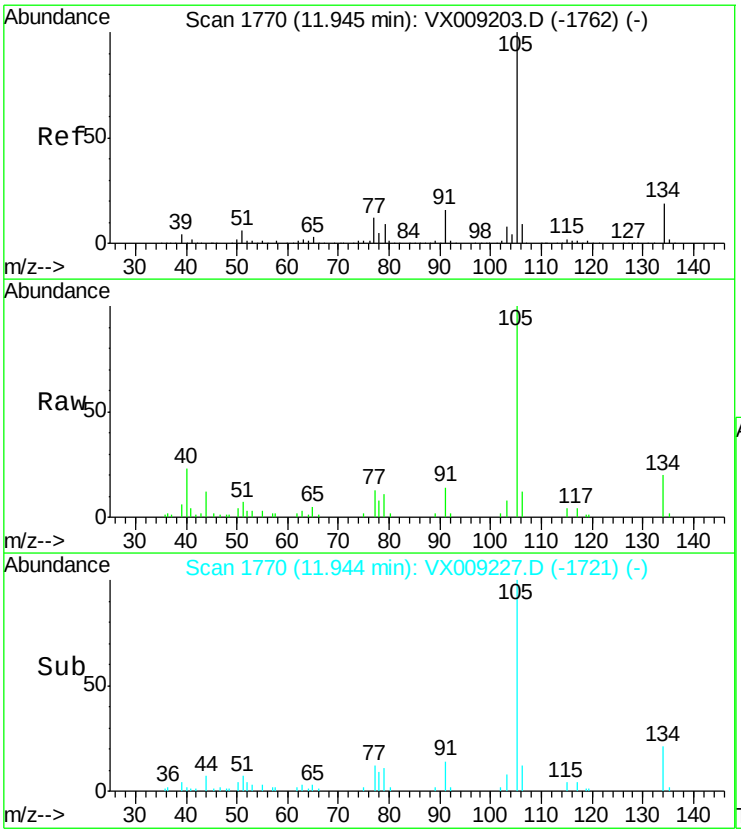
#83
tert-Butylbenzene
Concen: 1.027 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-190423

Tgt Ion:119 Resp: 7542

Ion	Ratio	Lower	Upper
119	100		
91	70.6	29.5	88.5
134	23.4	11.4	34.1

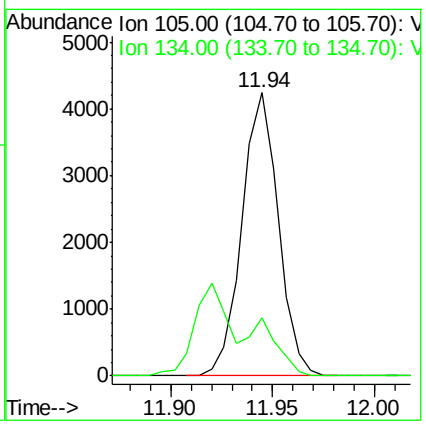


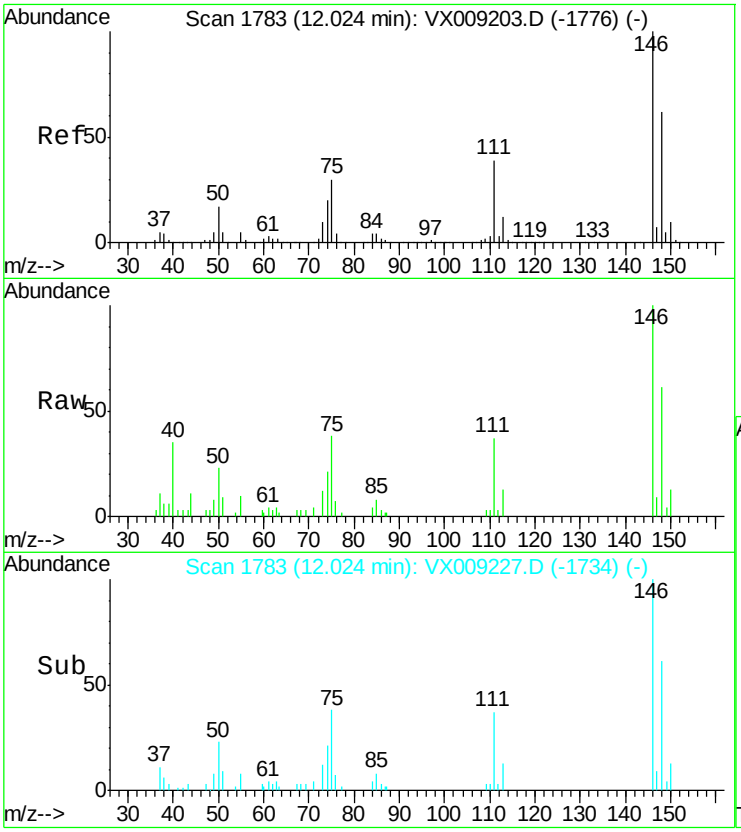


#85
sec-Butylbenzene
Concen: 0.604 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Tgt Ion:105 Resp: 5261

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.7	28.9#



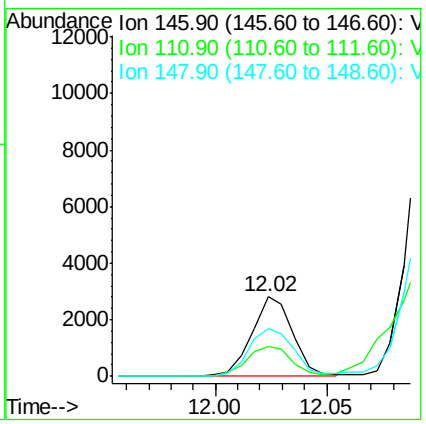


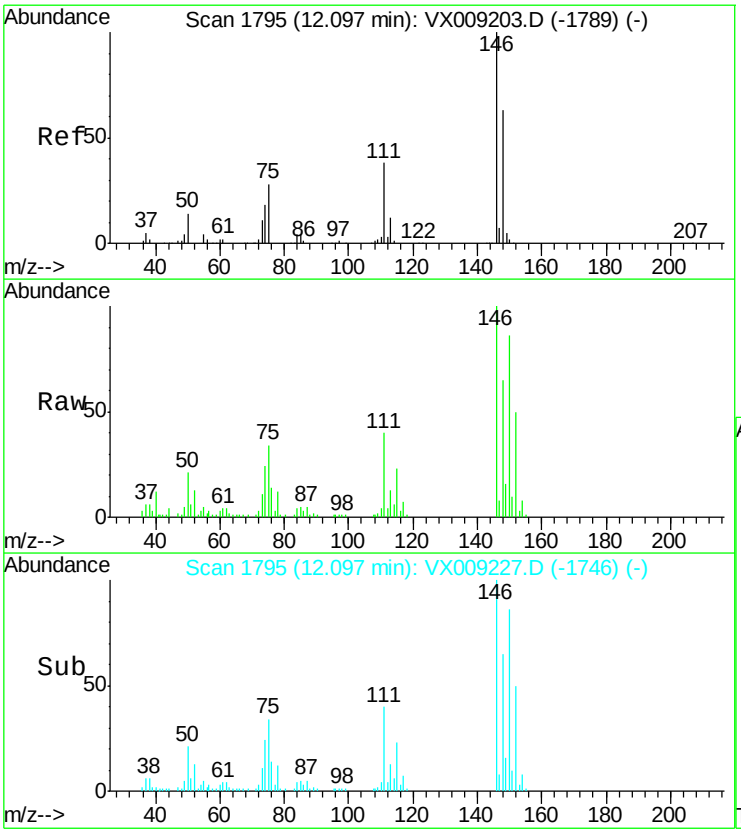
#87
1,3-Dichlorobenzene
Concen: 0.902 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-190423

Tgt Ion:146 Resp: 3580

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.0	59.9
148	67.1	31.8	95.3

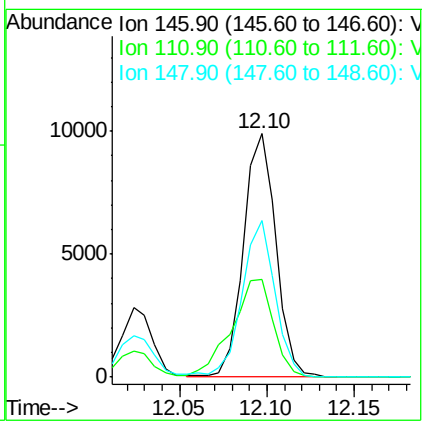


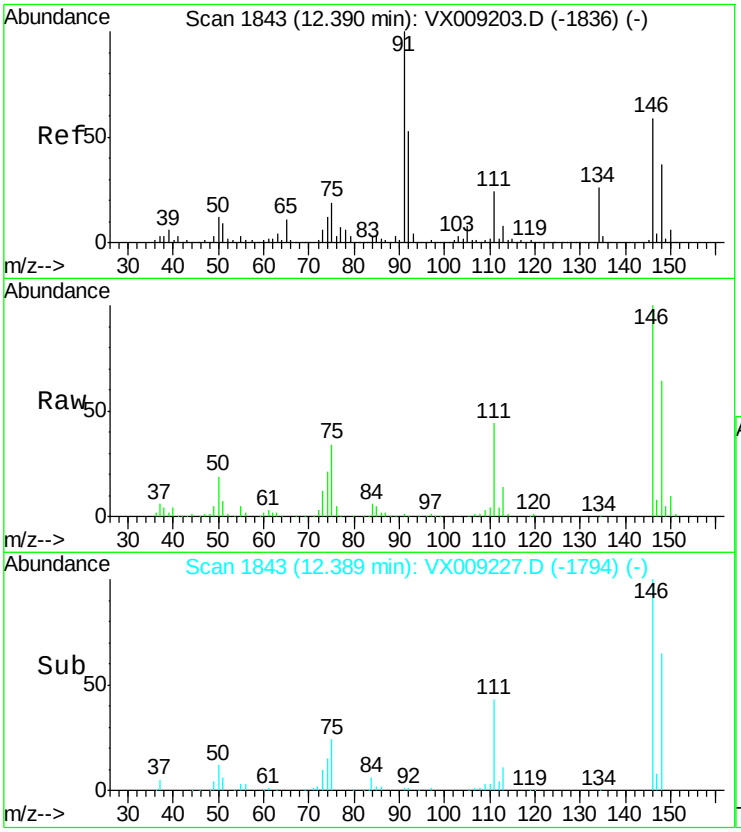


#88
1,4-Dichlorobenzene
Concen: 3.190 ug/l
RT: 12.10 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Tgt Ion:146 Resp: 12762

Ion	Ratio	Lower	Upper
146	100		
111	52.0	19.6	58.8
148	65.7	31.8	95.3

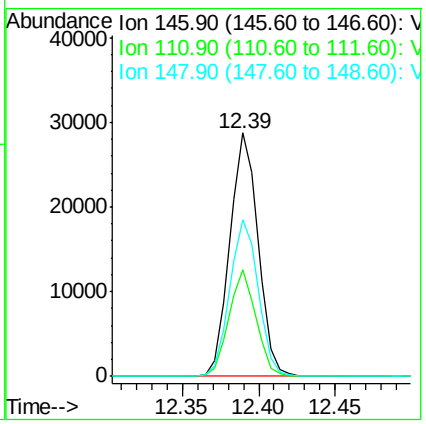




#91
1,2-Dichlorobenzene
Concen: 9.087 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009227.D
Acq: 29 Apr 2019 22:59

Tgt Ion:146 Resp: 36731

Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.8	62.4
148	64.7	31.9	95.9



Instrument :
MSVOA_X
ClientSampleId :
WP021RW246-190423