Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052119\
Data File : VX009760.D
Acq On : 21 May 2019 20:04
Operator : JC/SP
Sample : K2973-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S36-0159

Quant Time: May 22 08:17:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	172378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	274607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	101844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	115694	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.34%			
35) Dibromofluoromethane	5.50	113	83386	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.60%			
50) Toluene-d8	8.71	98	346000	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.30%			
62) 4-Bromofluorobenzene	11.13	95	114092	45.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.10%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	18240	8.625	ug/l	98
16) Acetone	2.44	43	4006	3.170	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	7906	4.507	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	97580	46.607	ug/l	90
40) Benzene	6.15	78	16990	2.151	ug/l	99
65) Chlorobenzene	10.14	112	141125	29.287	ug/l	99
67) Ethyl Benzene	10.25	91	2592	0.292	ug/l	96

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

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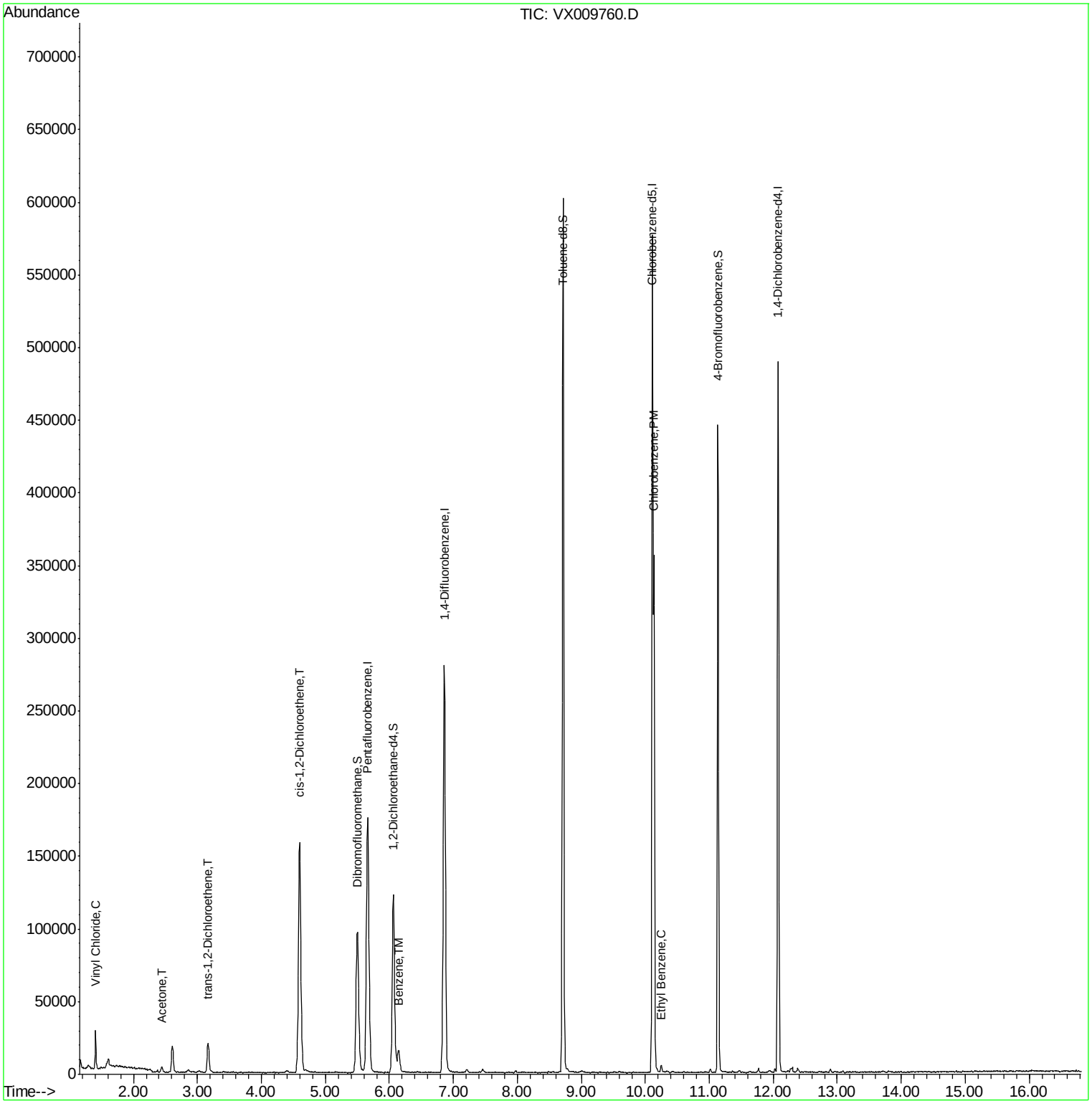
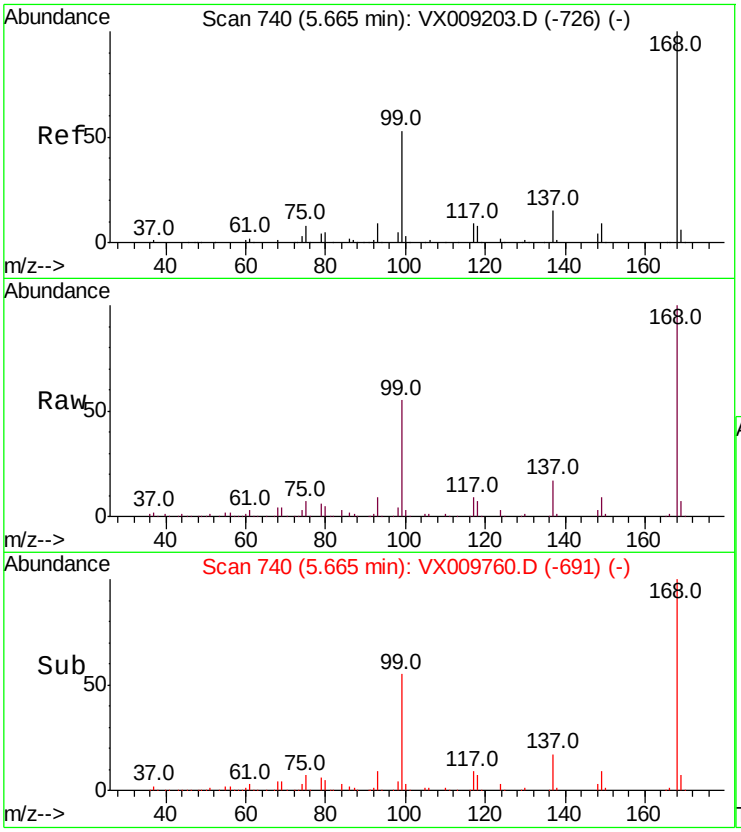


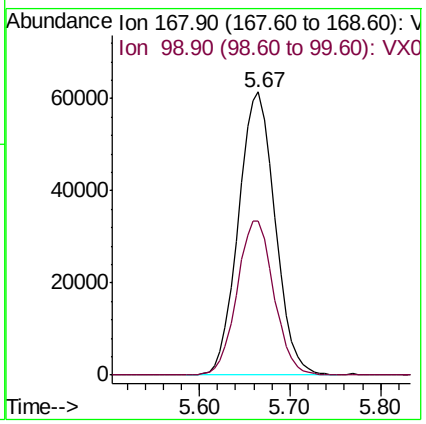


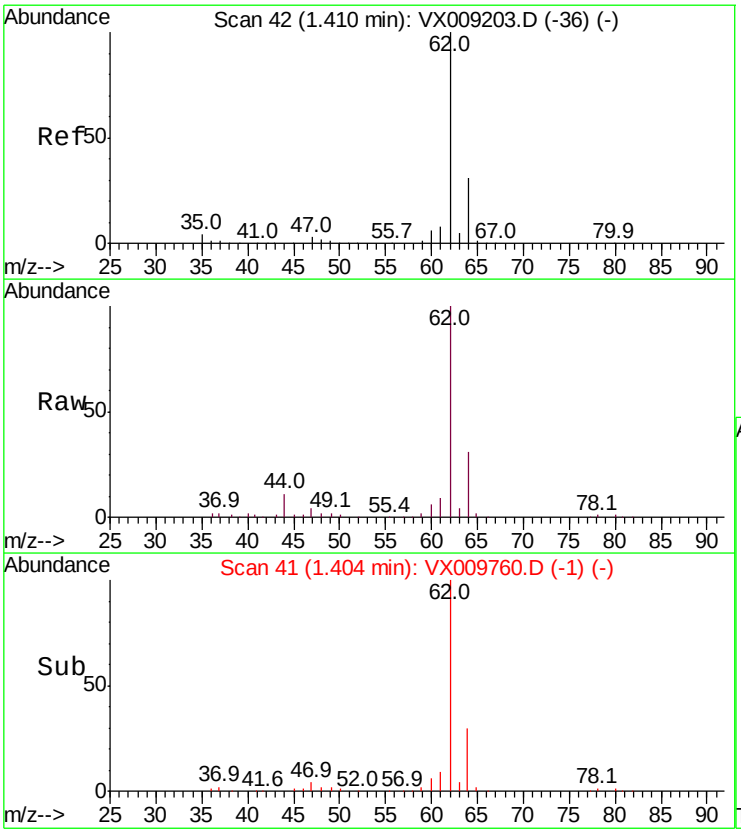
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX009760.D
Acq: 21 May 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
S36-0159

Tgt Ion:168 Resp: 172378

Ion	Ratio	Lower	Upper
168	100		
99	54.5	42.3	63.5

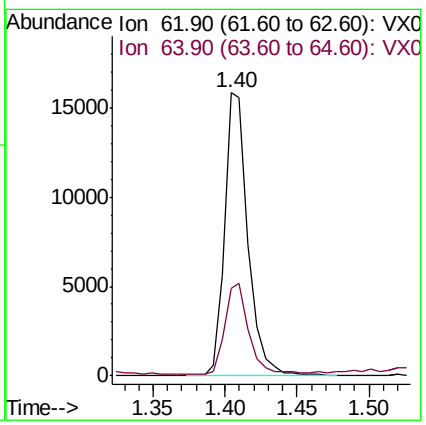


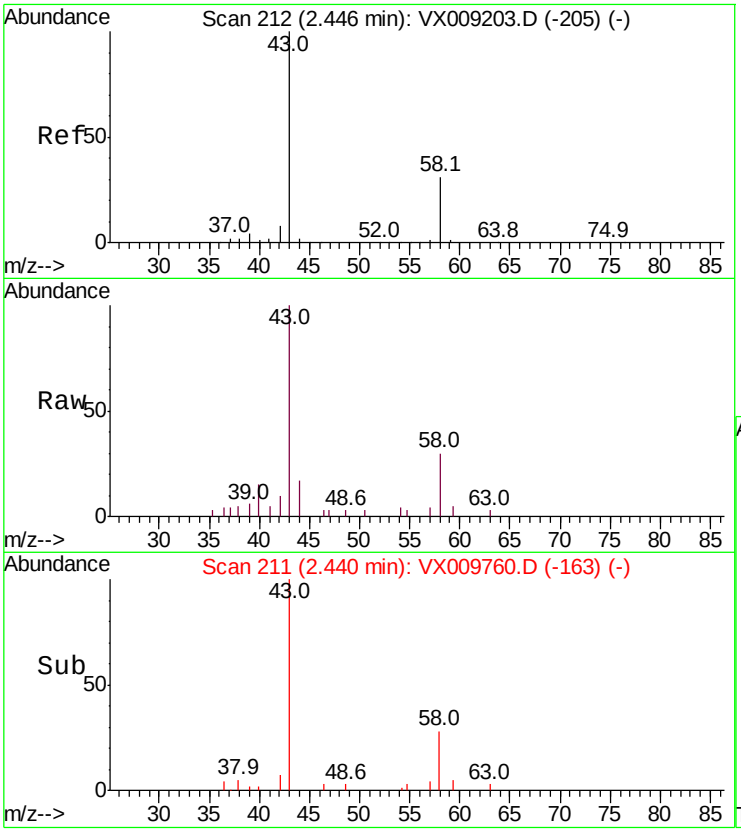


#4
Vinyl Chloride
Concen: 8.625 ug/l
RT: 1.40 min Scan# 41
Delta R.T. -0.01 min
Lab File: VX009760.D
Acq: 21 May 2019 20:04

Tgt Ion: 62 Resp: 18240

Ion	Ratio	Lower	Upper
62	100		
64	29.7	24.6	36.8



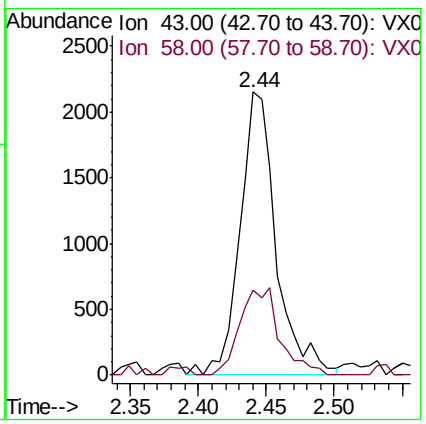


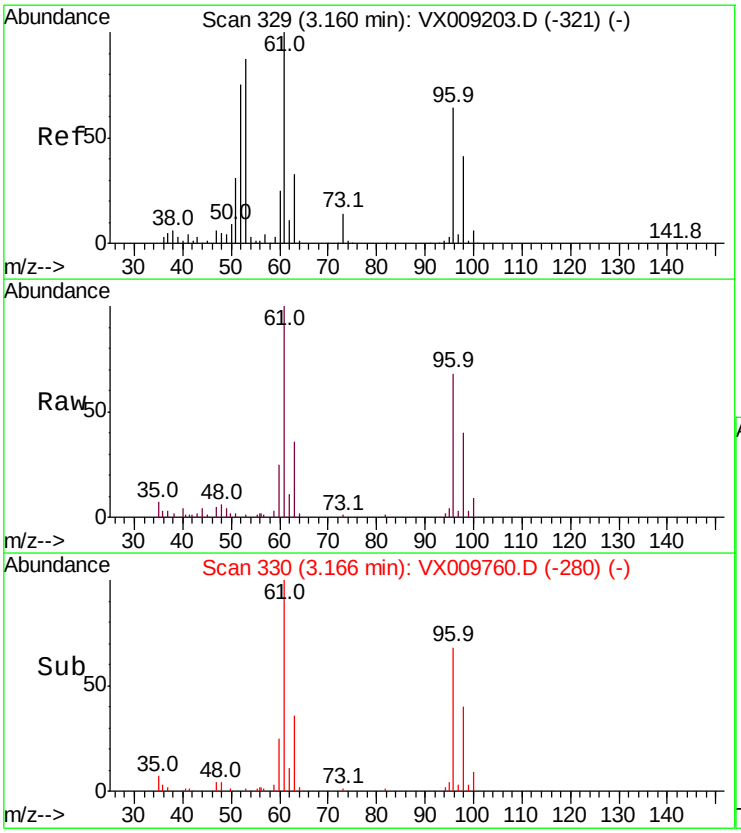
#16
Acetone
Concen: 3.170 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX009760.D
Acq: 21 May 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
S36-0159

Tgt Ion: 43 Resp: 4006

Ion	Ratio	Lower	Upper
43	100		
58	29.9	24.9	37.3

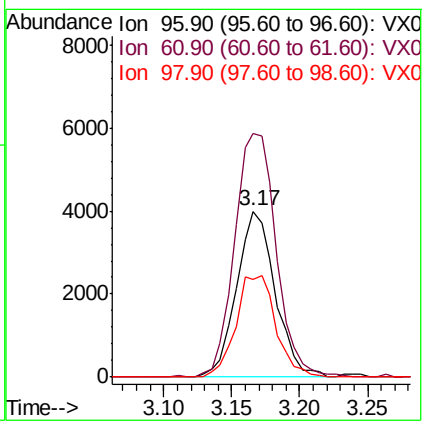


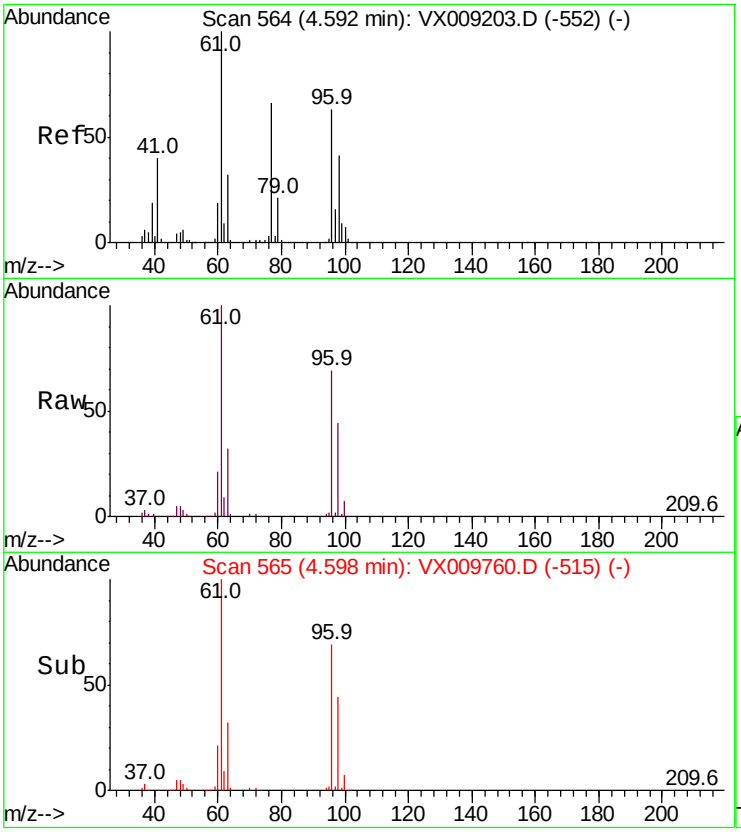


#21
trans-1,2-Dichloroethene
Concen: 4.507 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX009760.D
Acq: 21 May 2019 20:04

Tgt Ion: 96 Resp: 7906

Ion	Ratio	Lower	Upper
96	100		
61	147.1	124.5	186.7
98	58.7	50.4	75.6



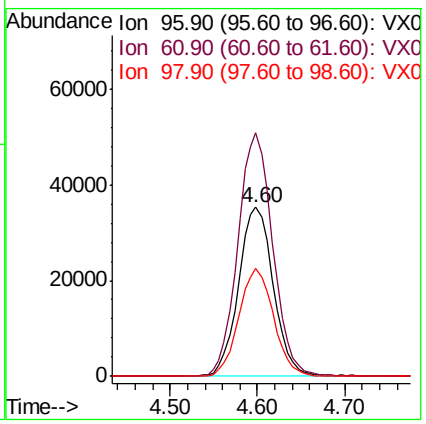


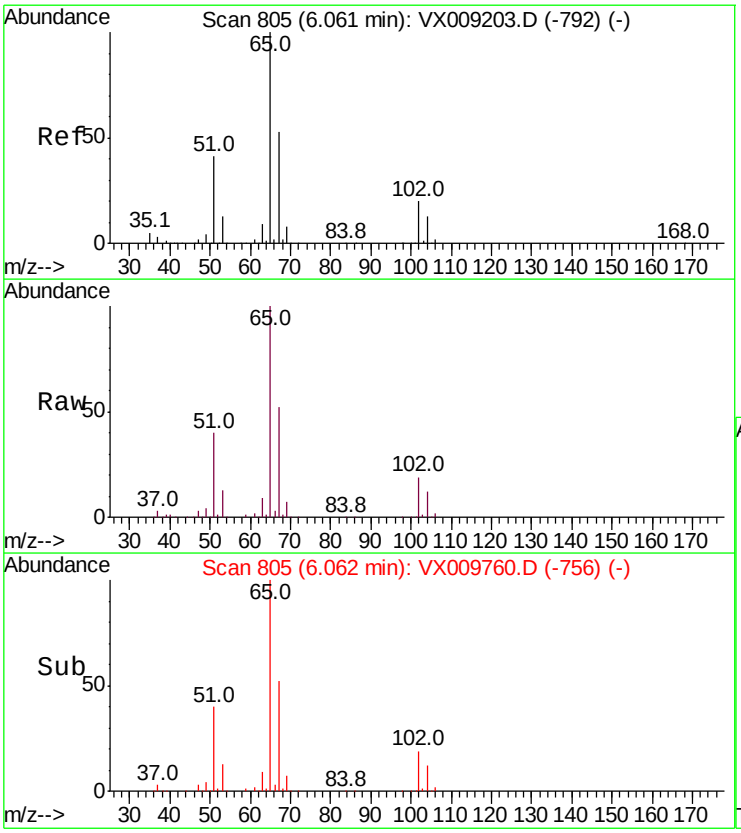
#27
cis-1,2-Dichloroethene
Concen: 46.607 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009760.D
Acq: 21 May 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
S36-0159

Tgt Ion: 96 Resp: 97580

Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	324.0
98	63.7	0.0	130.4

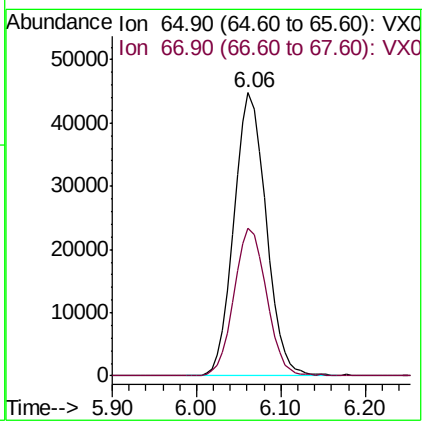


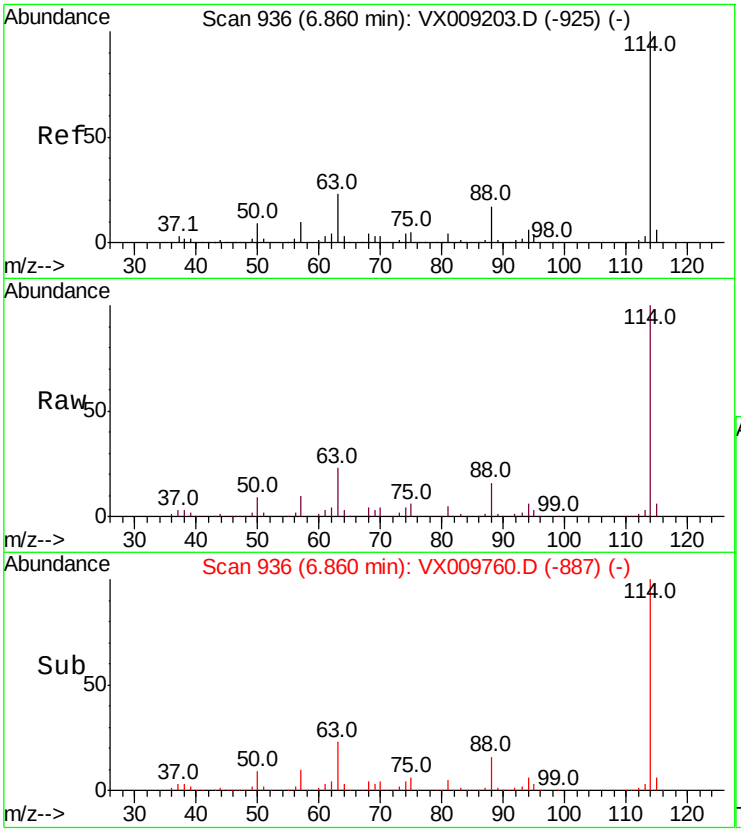


#33
1,2-Dichloroethane-d4
Concen: 49.165 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009760.D
Acq: 21 May 2019 20:04

Tgt Ion: 65 Resp: 115694

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.6



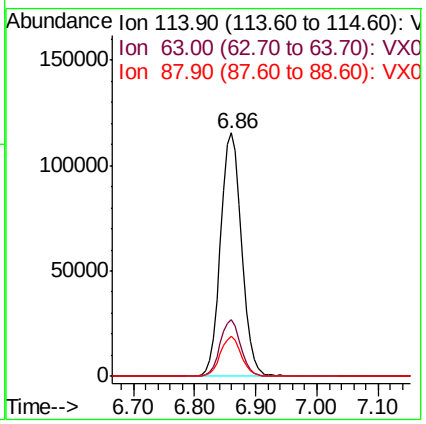


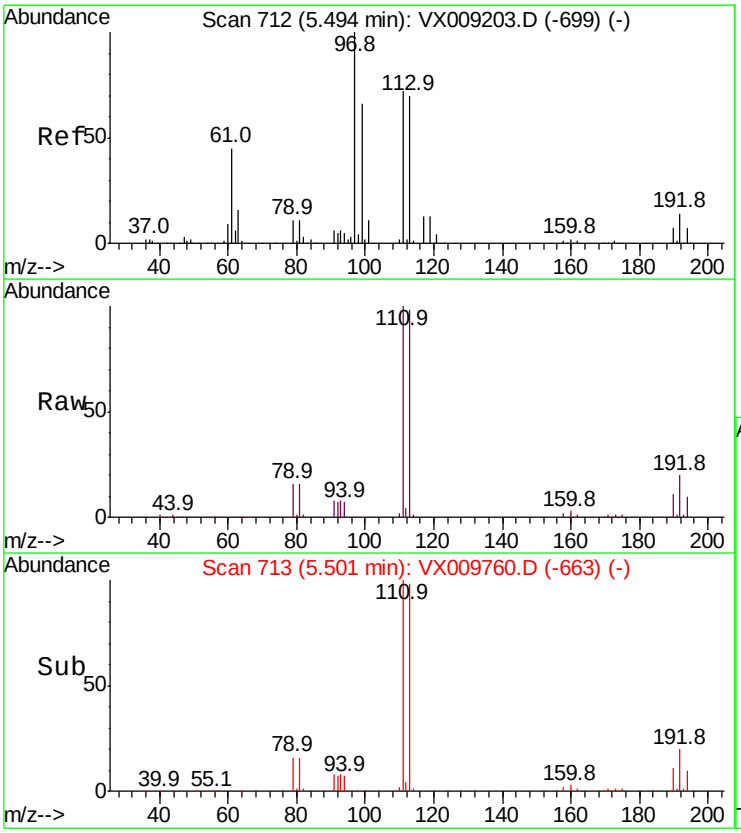
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009760.D
Acq: 21 May 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
S36-0159

Tgt Ion:114 Resp: 274607

Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	45.6
88	16.4	0.0	33.2

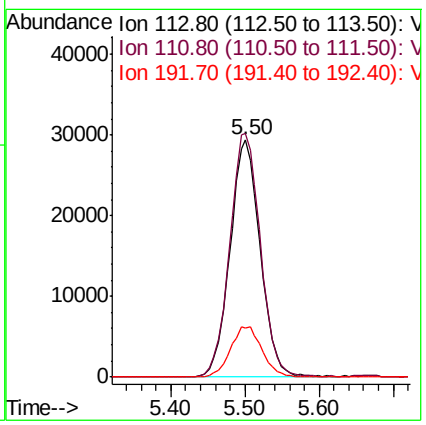


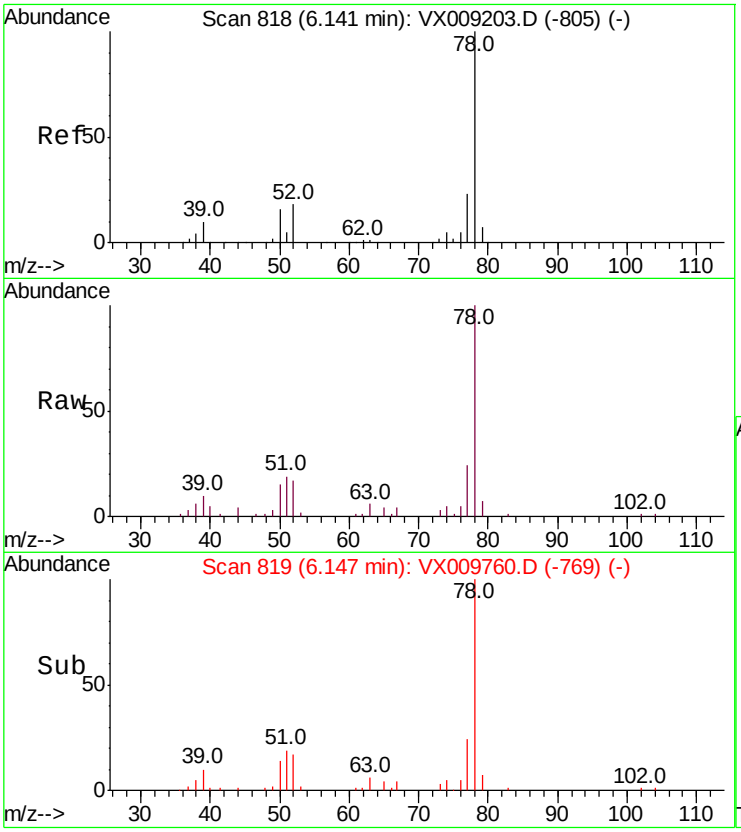


#35
Dibromofluoromethane
Concen: 48.304 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009760.D
Acq: 21 May 2019 20:04

Tgt Ion:113 Resp: 83386

Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.8	124.2
192	22.3	17.0	25.6



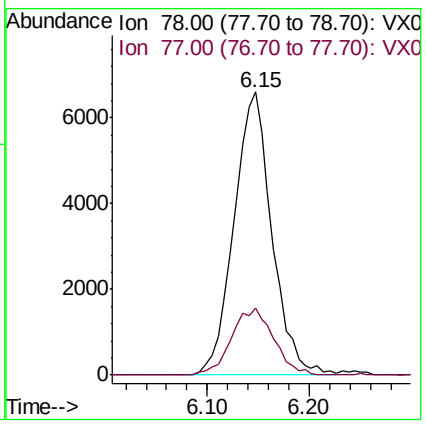


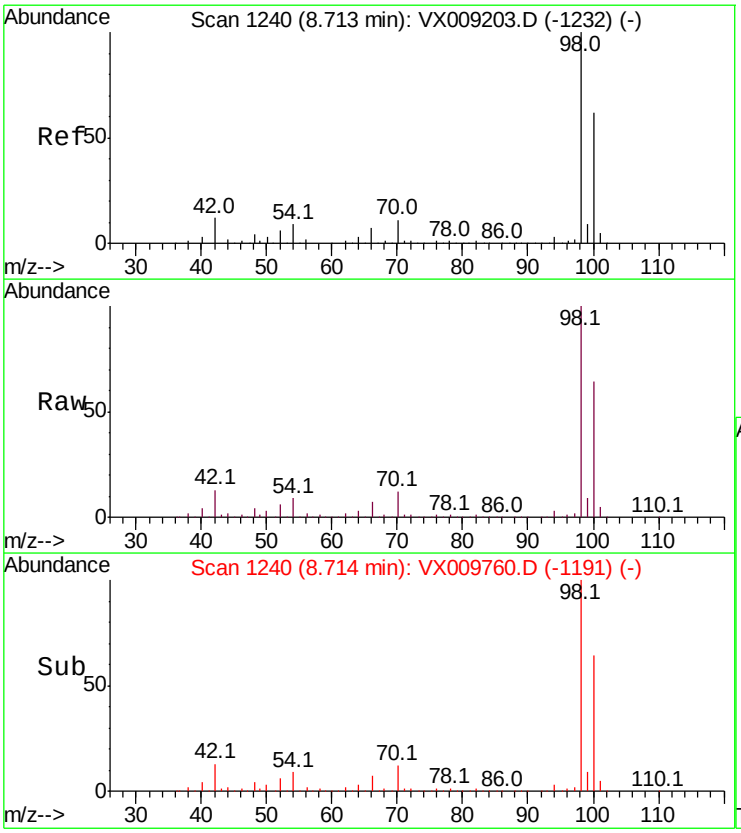
#40
Benzene
Concen: 2.151 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX009760.D
Acq: 21 May 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
S36-0159

Tgt Ion: 78 Resp: 16990

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.8	28.2

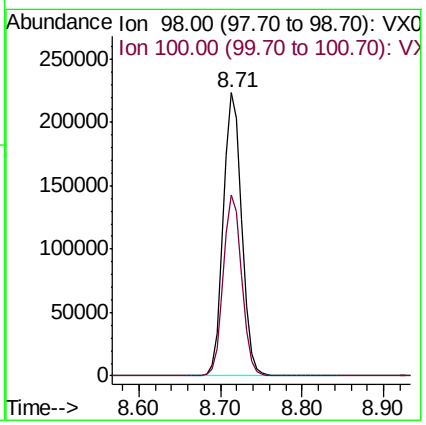


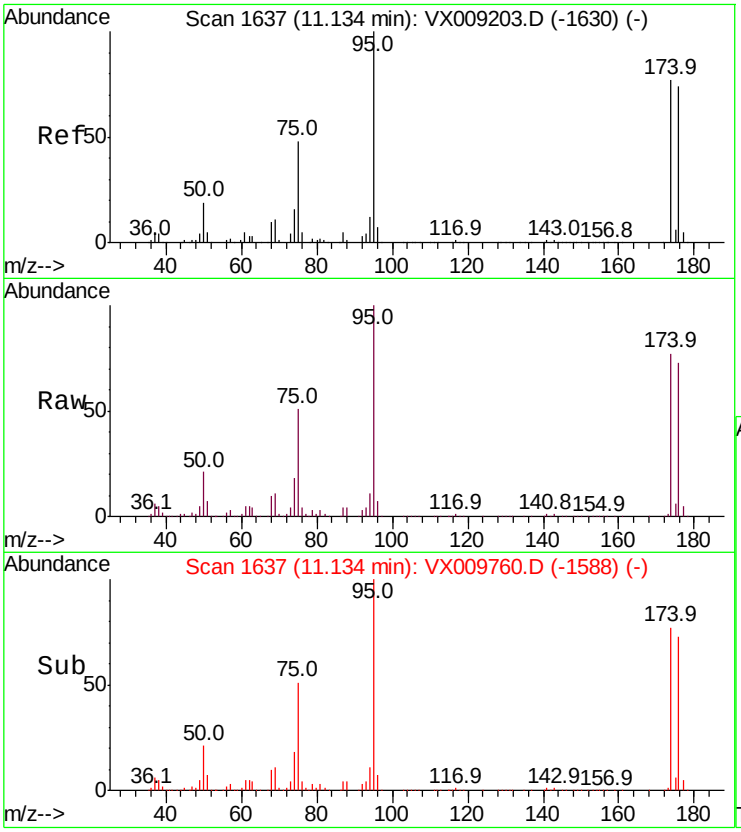


#50
Toluene-d8
Concen: 49.645 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009760.D
Acq: 21 May 2019 20:04

Tgt Ion: 98 Resp: 346000

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8



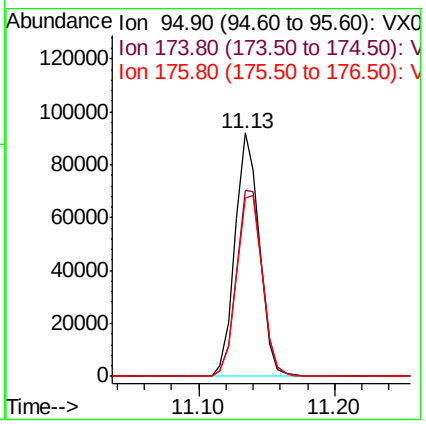


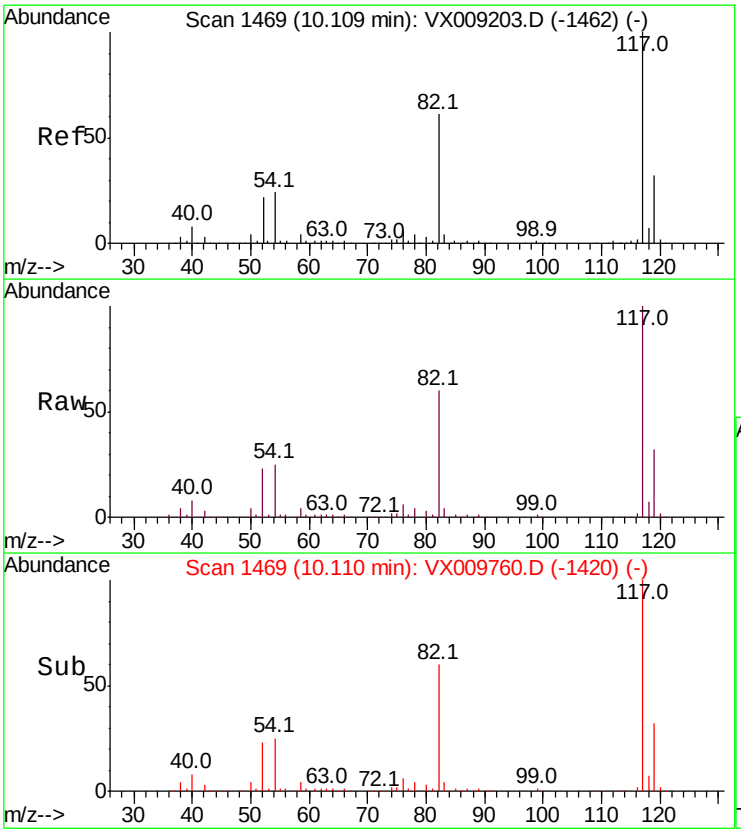
#62
4-Bromofluorobenzene
Concen: 45.052 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009760.D
Acq: 21 May 2019 20:04

Instrument : MSVOA_X
ClientSampleId : S36-0159

Tgt Ion: 95 Resp: 114092

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	161.6
176	78.9	0.0	159.2

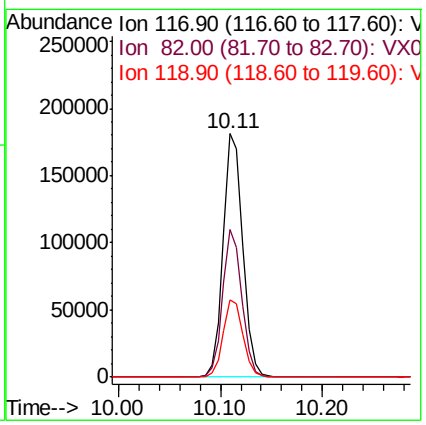


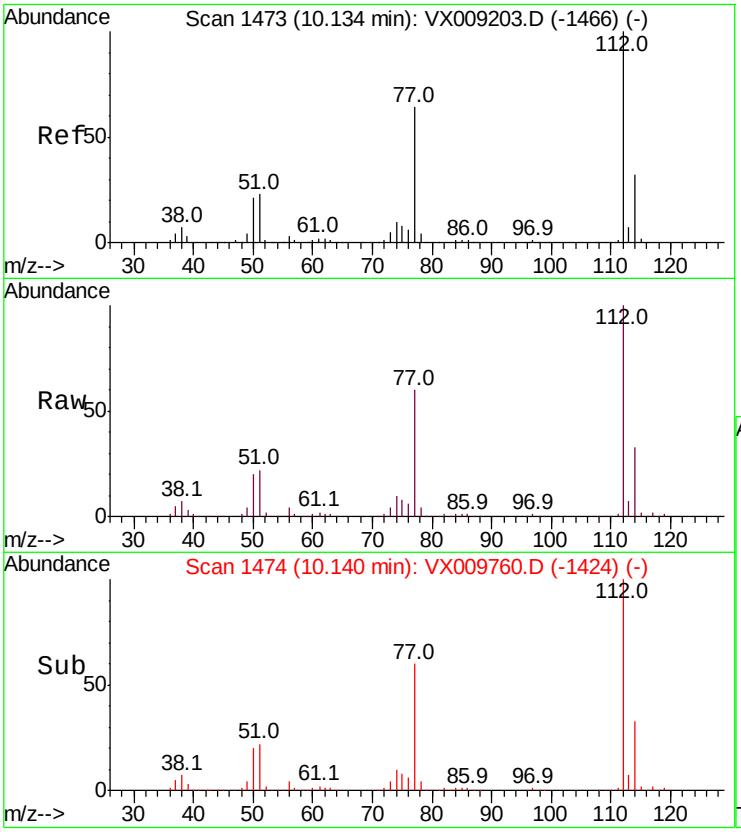


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009760.D
Acq: 21 May 2019 20:04

Tgt Ion:117 Resp: 240879

Ion	Ratio	Lower	Upper
117	100		
82	60.5	48.8	73.2
119	31.6	25.8	38.6



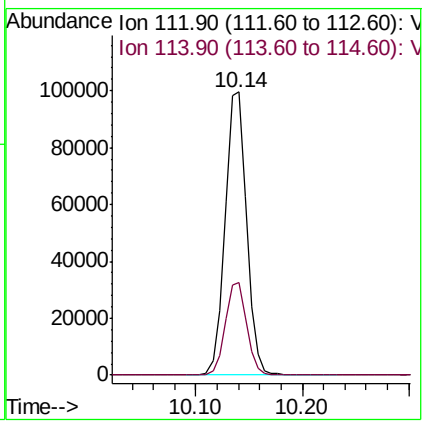


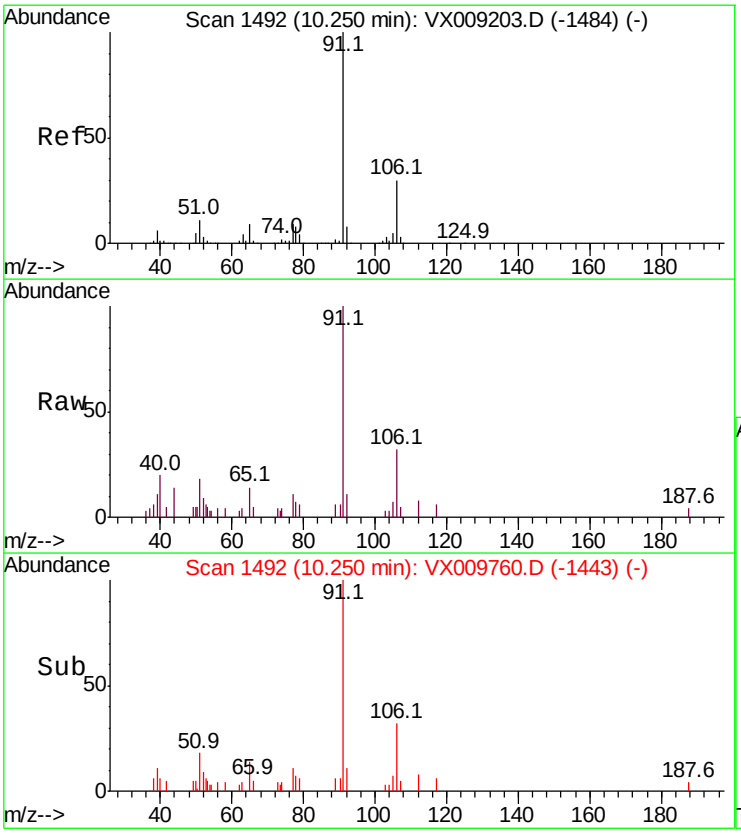
#65
Chlorobenzene
Concen: 29.287 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009760.D
Acq: 21 May 2019 20:04

Instrument : MSVOA_X
ClientSampleId : S36-0159

Tgt Ion:112 Resp: 141125

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.5	38.3

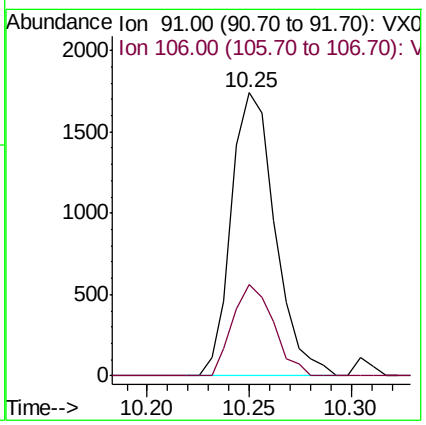


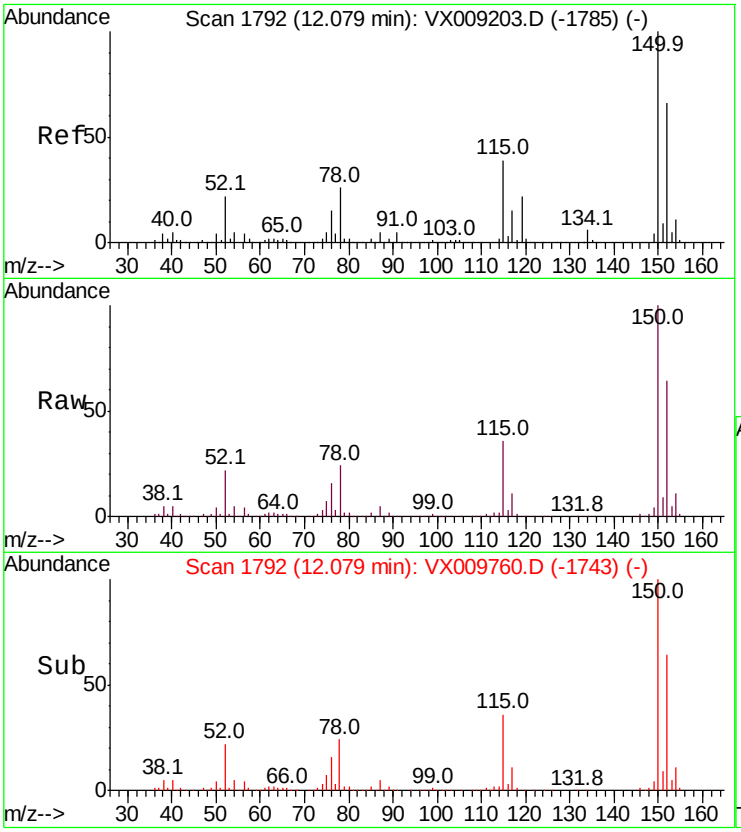


#67
Ethyl Benzene
Concen: 0.292 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009760.D
Acq: 21 May 2019 20:04

Tgt Ion: 91 Resp: 2592

Ion	Ratio	Lower	Upper
91	100		
106	32.2	24.0	36.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009760.D
Acq: 21 May 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
S36-0159

Tgt Ion:152 Resp: 101844

Ion	Ratio	Lower	Upper
152	100		
115	58.6	41.2	123.6
150	157.1	0.0	346.4