Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072919\
Data File : VX011166.D
Acq On : 30 Jul 2019 00:22
Operator : JC/SP
Sample : K4026-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : Z3-0684

Quant Time: Jul 30 06:54:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	187452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300156	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	103943	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.24%			
35) Dibromofluoromethane	5.50	113	96293	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.08%			
50) Toluene-d8	8.71	98	361949	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.30%			
62) 4-Bromofluorobenzene	11.13	95	126974	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.68%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.41	62	29621	16.847	ug/l	96
12) 1,1-Dichloroethene	2.38	96	4807	2.879	ug/l	88
16) Acetone	2.45	43	16627	18.461	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	359323	202.822	ug/l	100
25) 2-Butanone	4.68	43	3136	2.426	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	975770	475.905	ug/l	88
44) Trichloroethene	7.22	130	2426430	1085.394	ug/l	95

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

Quantitation Report (QT Reviewed)

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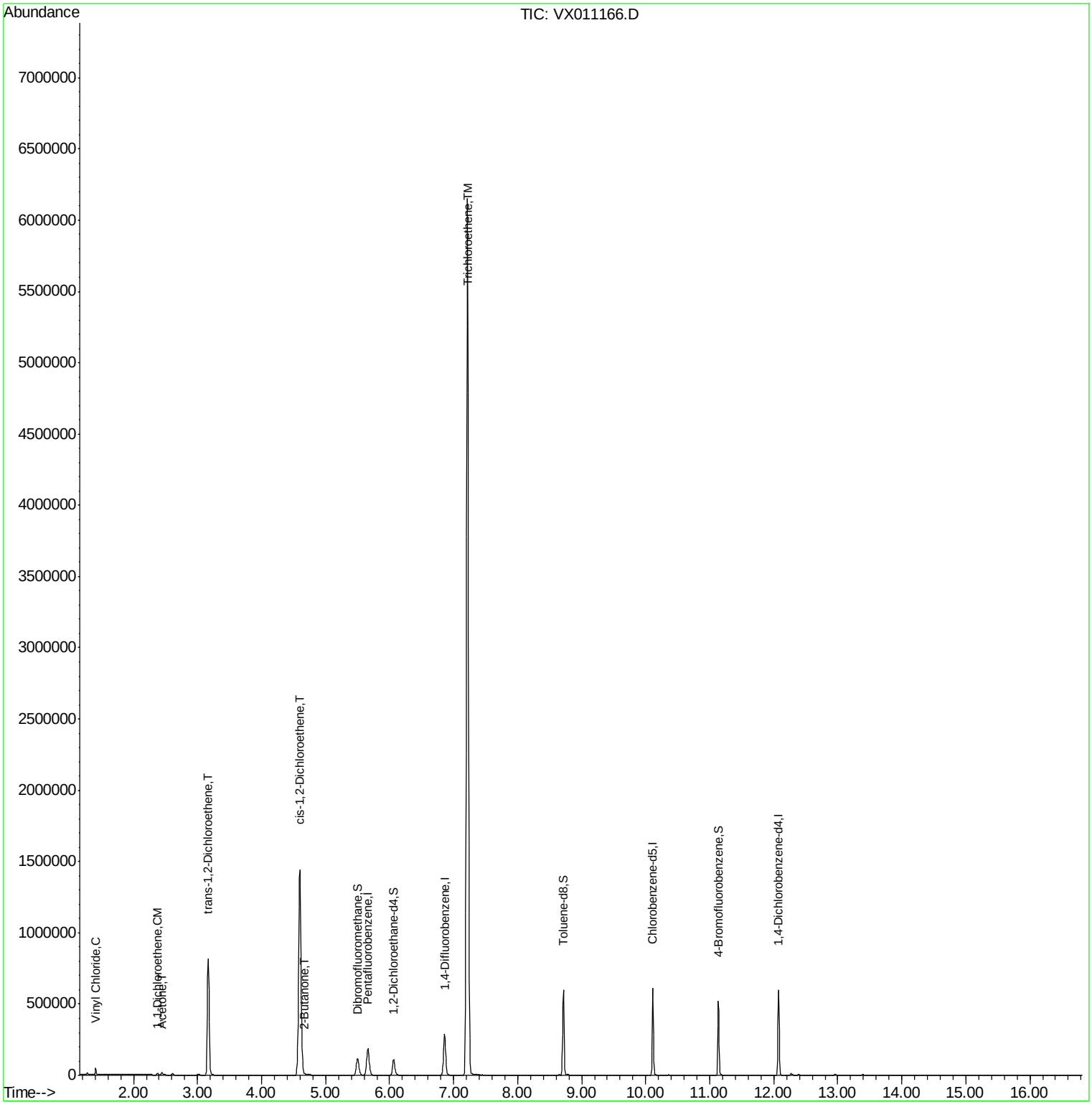
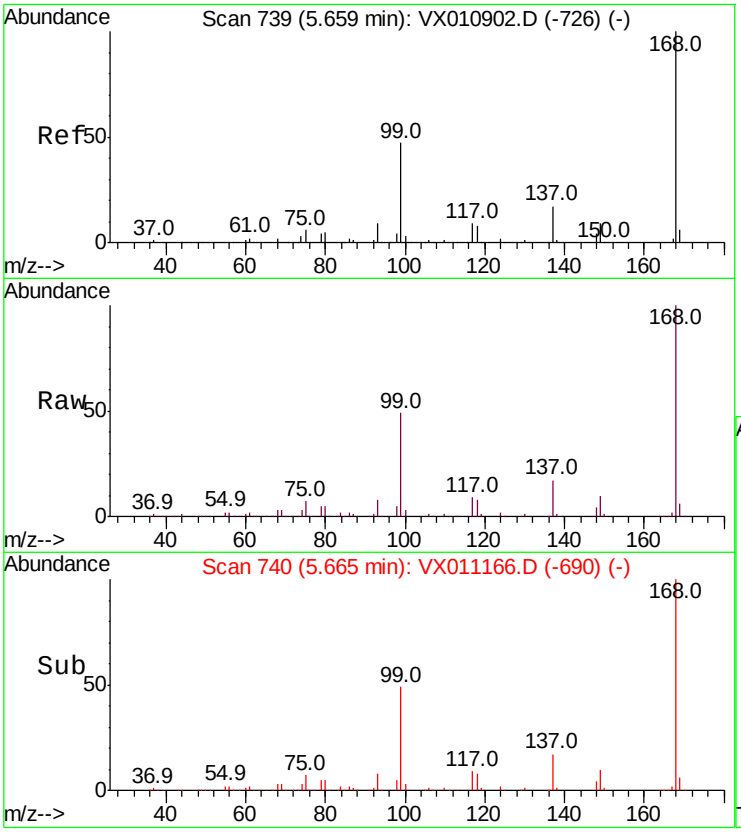


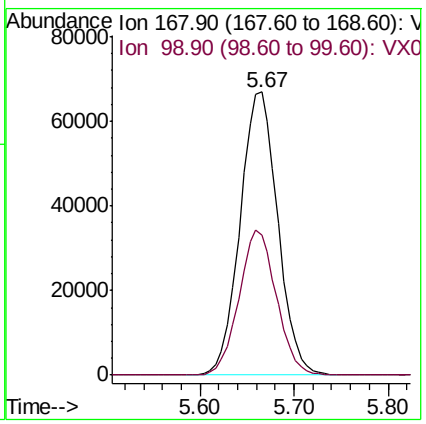


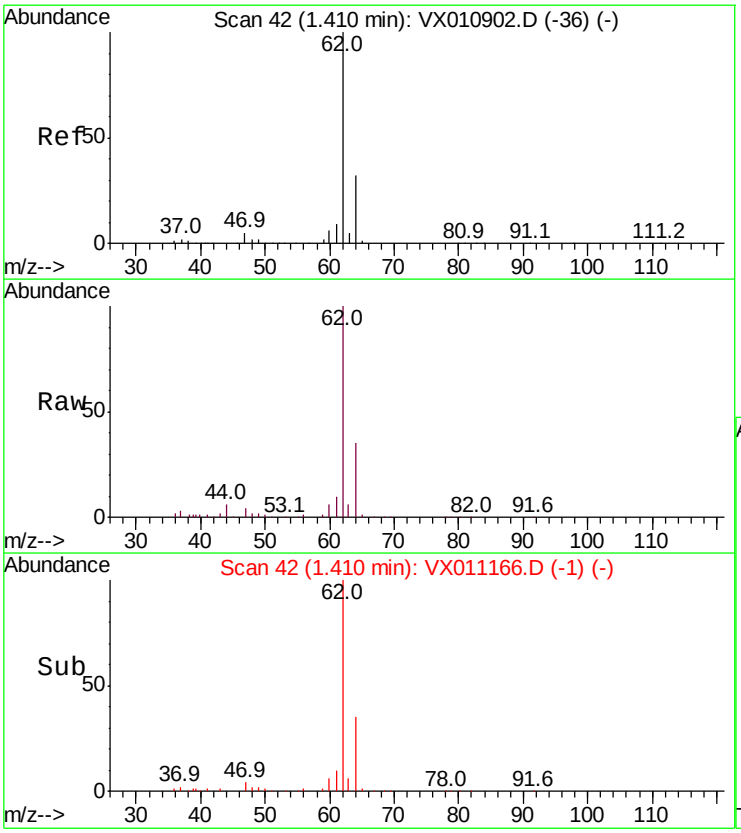
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
Z3-0684

Tgt Ion:168 Resp: 187452

Ion	Ratio	Lower	Upper
168	100		
99	49.5	37.6	56.4

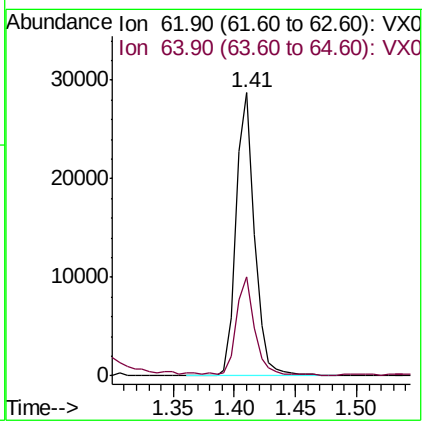


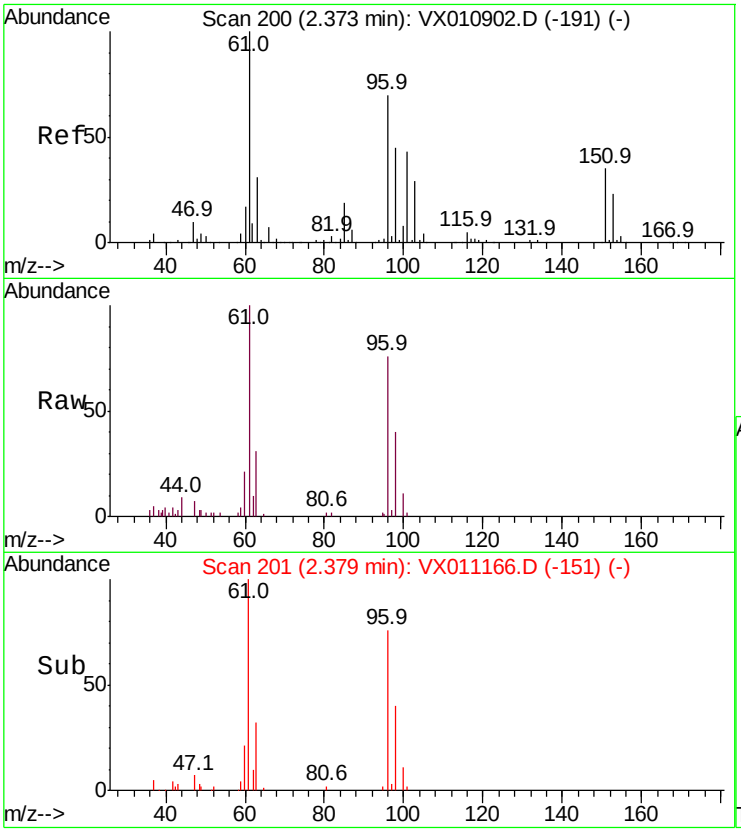


#4
Vinyl Chloride
Concen: 16.847 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Tgt Ion: 62 Resp: 29621

Ion	Ratio	Lower	Upper
62	100		
64	34.5	25.7	38.5



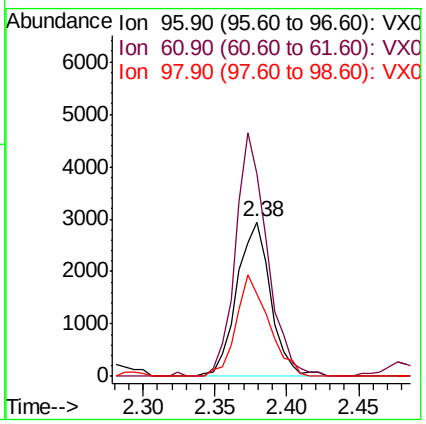


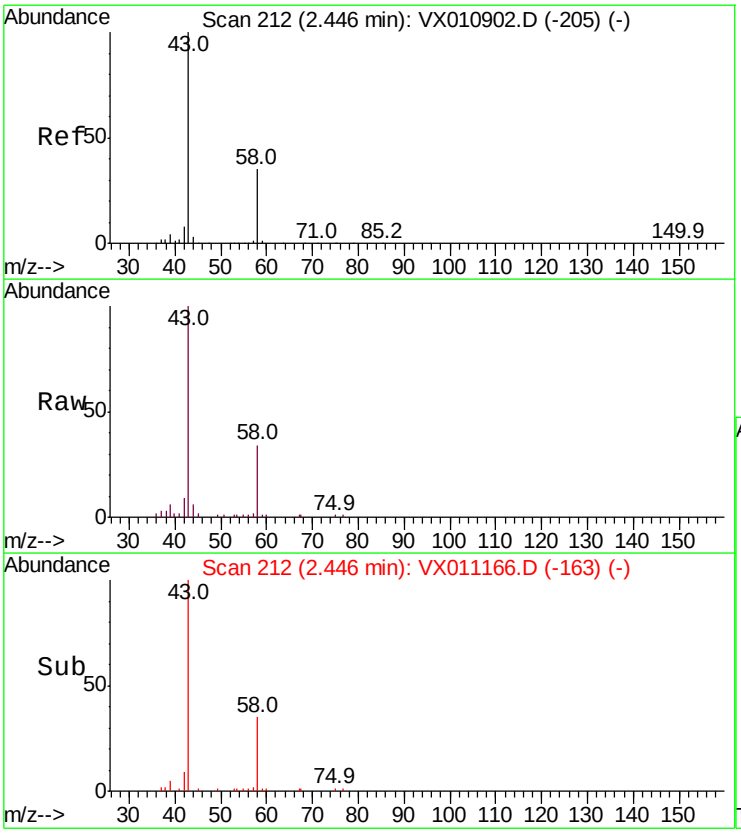
#12
1,1-Dichloroethene
Concen: 2.879 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Instrument : MSVOA_X
ClientSampleId : Z3-0684

Tgt Ion: 96 Resp: 4807

Ion	Ratio	Lower	Upper
96	100		
61	131.3	115.0	172.4
98	53.0	52.2	78.2

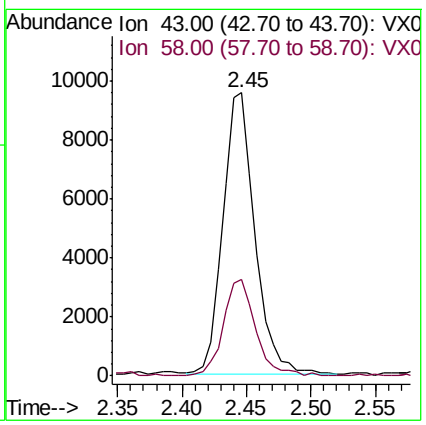


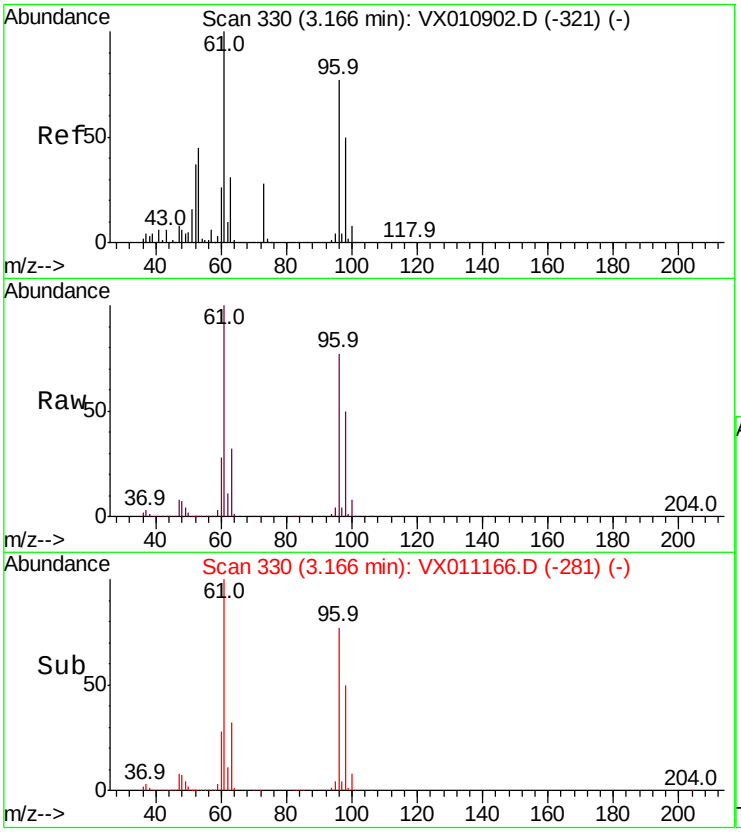


#16
Acetone
Concen: 18.461 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Tgt Ion: 43 Resp: 16627

Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.7	41.5



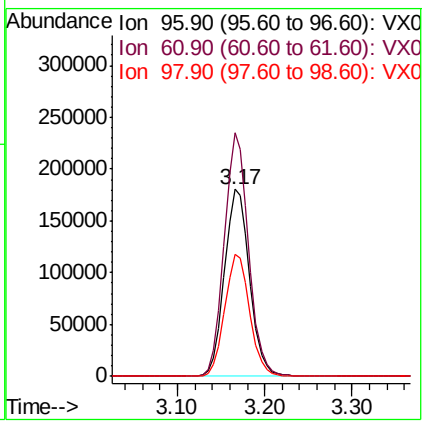


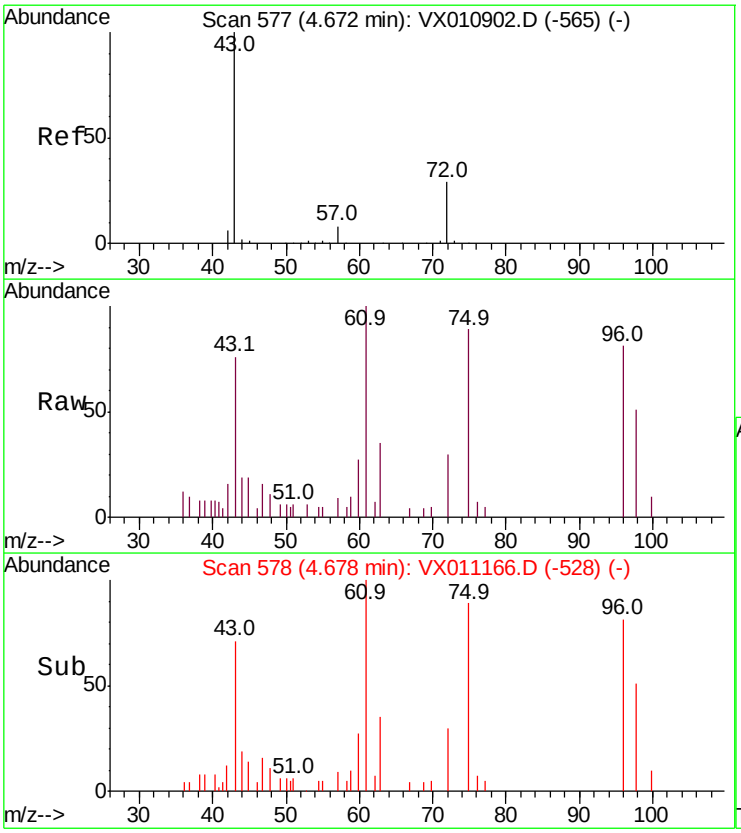
#21
trans-1,2-Dichloroethene
Concen: 202.822 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
Z3-0684

Tgt Ion: 96 Resp: 359323

Ion	Ratio	Lower	Upper
96	100		
61	130.2	104.2	156.2
98	65.1	52.2	78.4

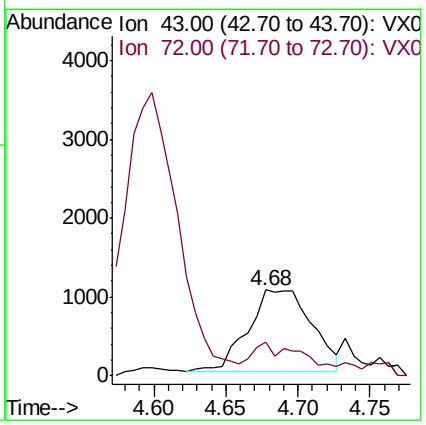


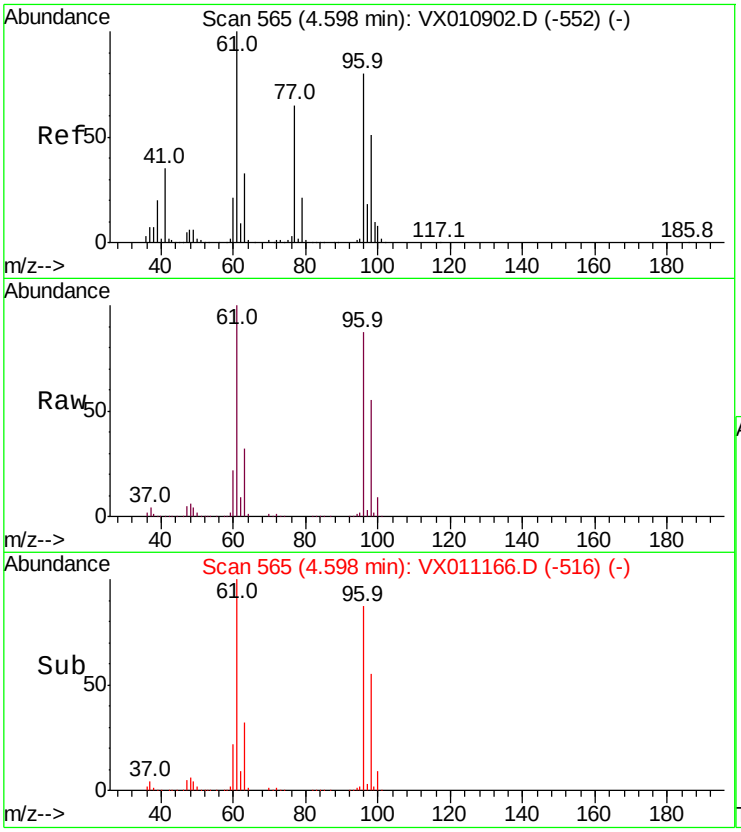


#25
2-Butanone
Concen: 2.426 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Tgt Ion: 43 Resp: 3136

Ion	Ratio	Lower	Upper
43	100		
72	30.4	23.0	34.6



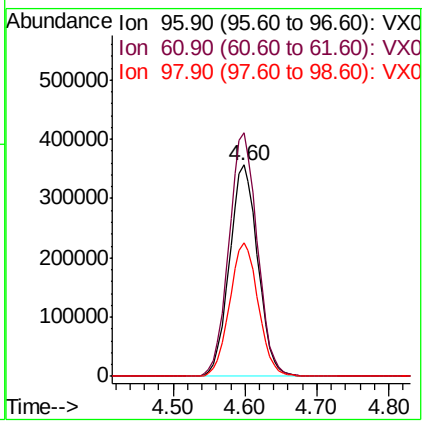


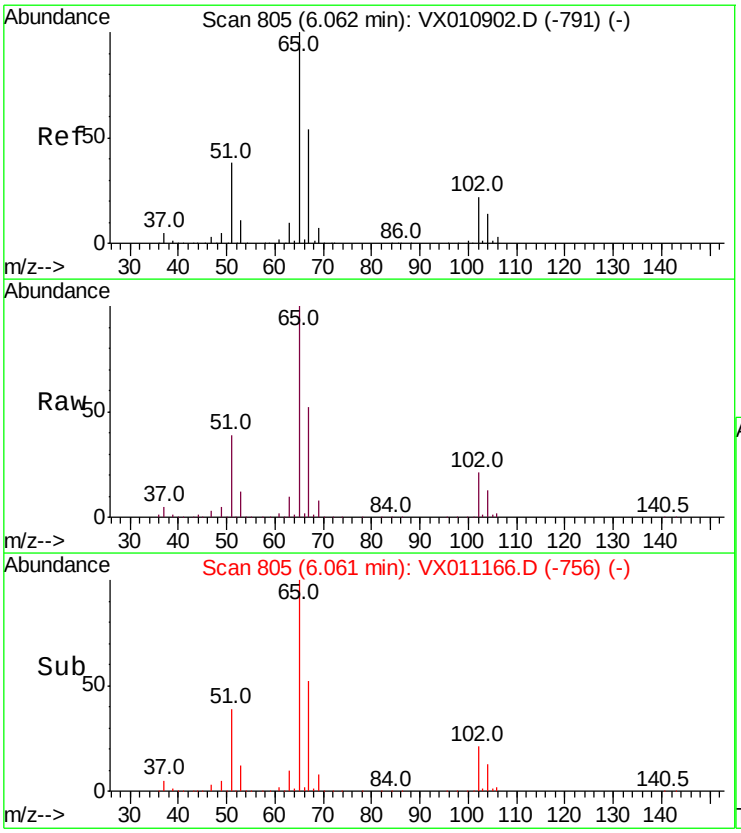
#27
cis-1,2-Dichloroethene
Concen: 475.905 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Instrument : MSVOA_X
ClientSampleId : Z3-0684

Tgt Ion: 96 Resp: 975770

Ion	Ratio	Lower	Upper
96	100		
61	115.5	0.0	269.0
98	63.7	0.0	131.4

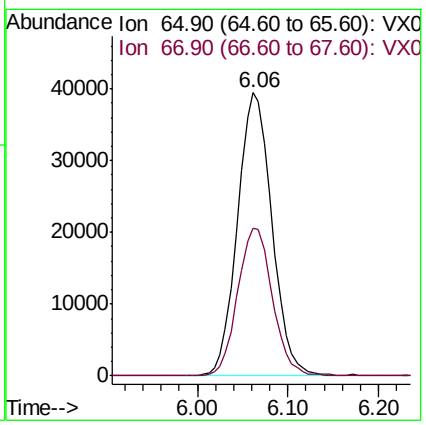


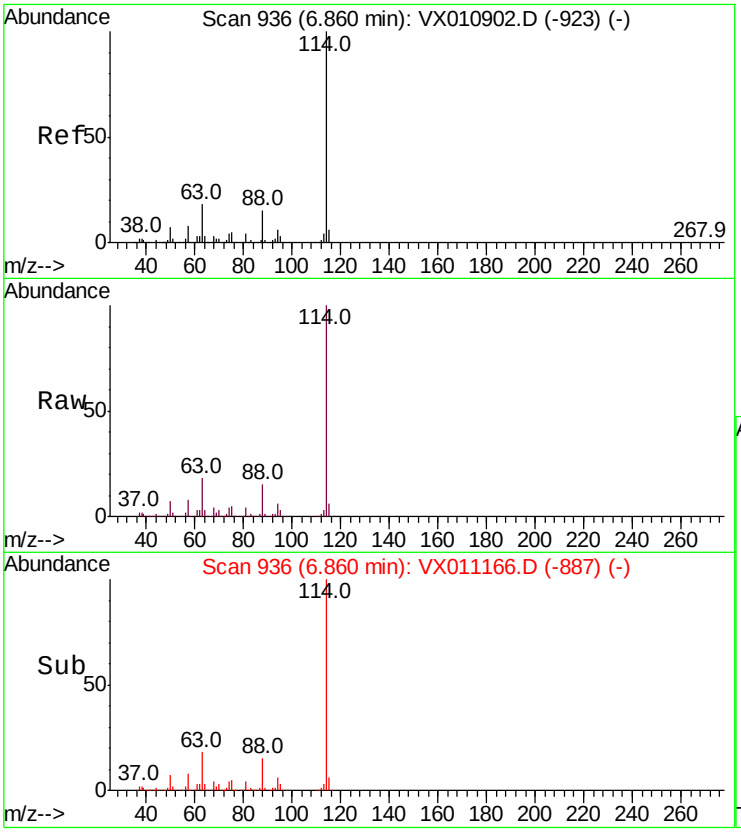


#33
1,2-Dichloroethane-d4
Concen: 52.123 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Tgt Ion: 65 Resp: 103943

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.8



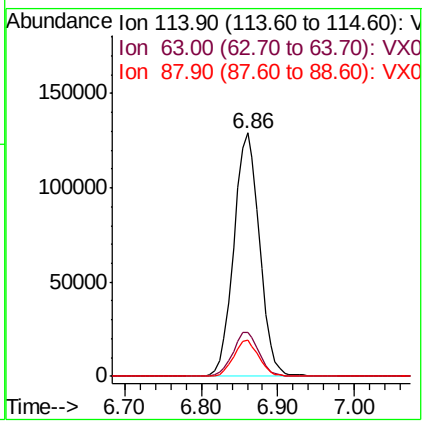


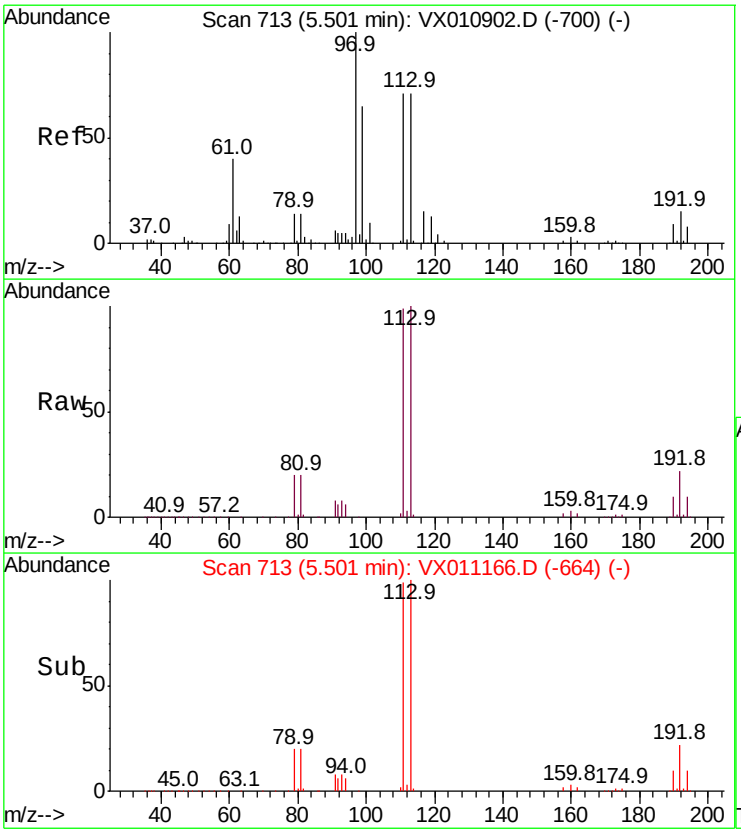
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
Z3-0684

Tgt Ion:114 Resp: 300156

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.6
88	14.9	0.0	29.8

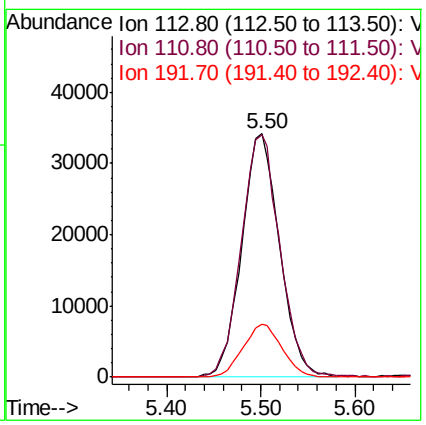


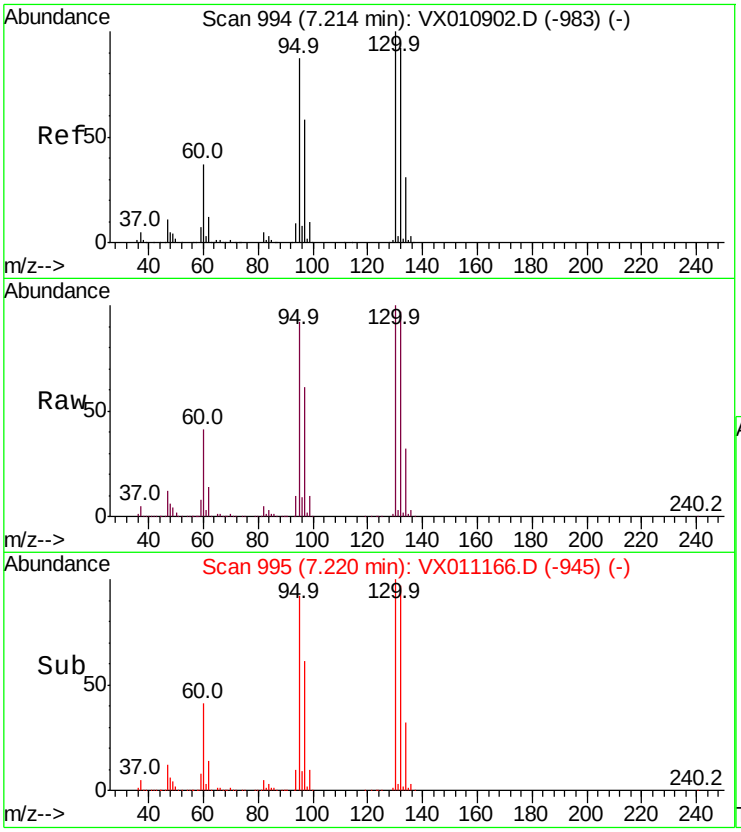


#35
Dibromofluoromethane
Concen: 50.543 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Tgt Ion:113 Resp: 96293

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.3	123.5
192	22.3	17.4	26.2



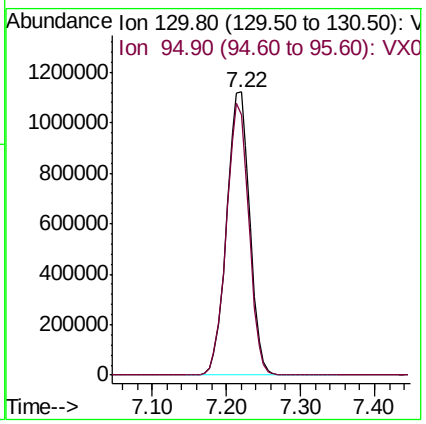


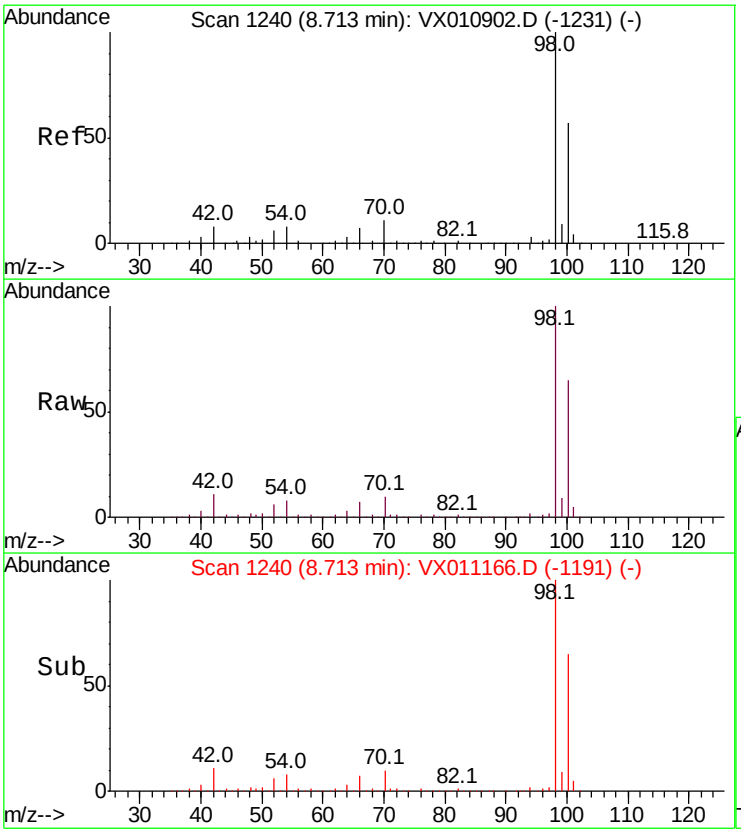
#44
Trichloroethene
Concen: 1085.394 ug/l
RT: 7.22 min Scan# 995
Delta R.T. 0.01 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Instrument : MSVOA_X
ClientSampleId : Z3-0684

Tgt Ion:130 Resp: 2426430

Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	174.8

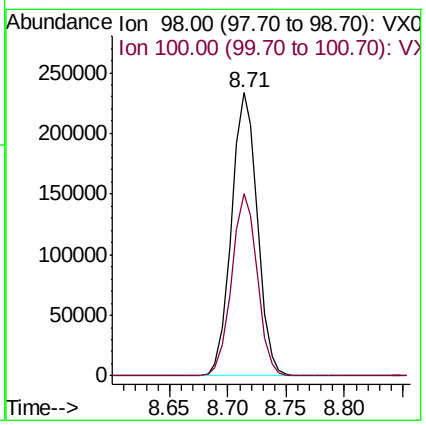


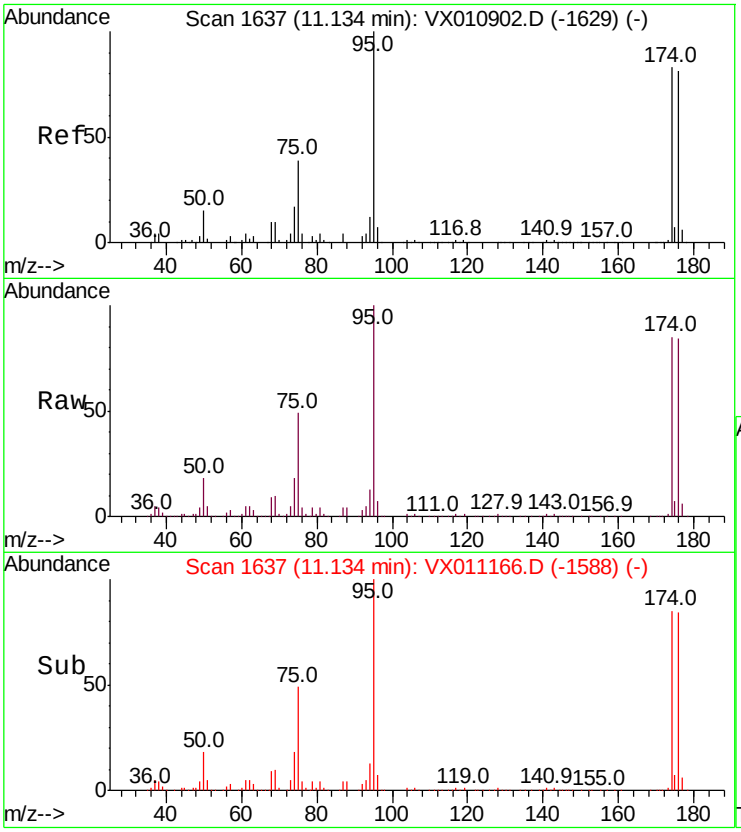


#50
Toluene-d8
Concen: 50.654 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Tgt Ion: 98 Resp: 361949

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.6	75.8



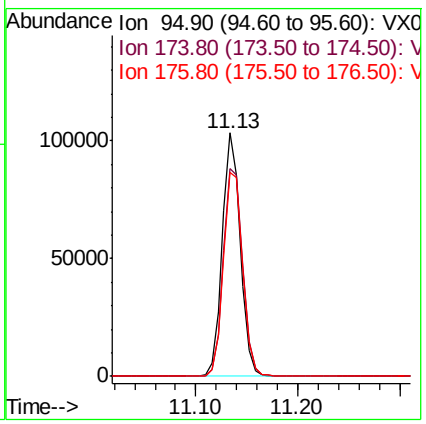


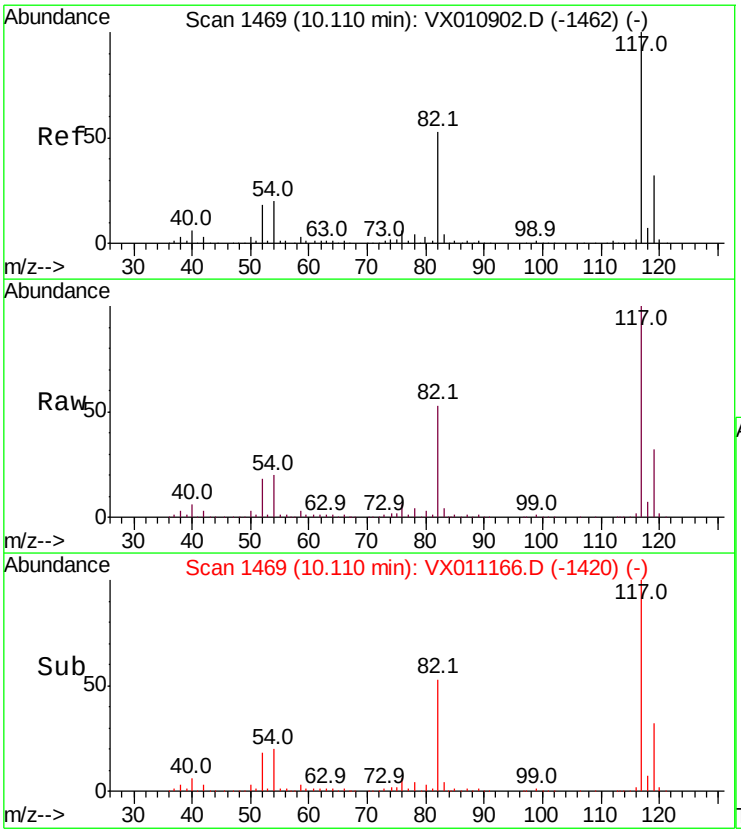
#62
4-Bromofluorobenzene
Concen: 48.344 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
Z3-0684

Tgt Ion: 95 Resp: 126974

Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	180.6
176	88.8	0.0	173.8

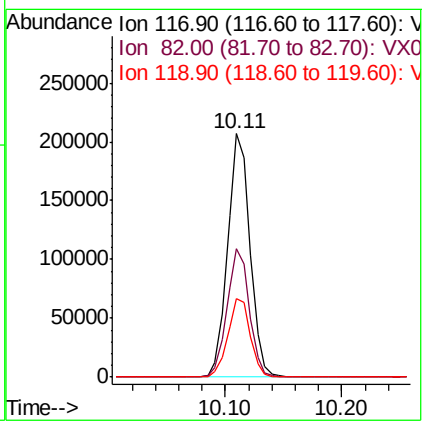


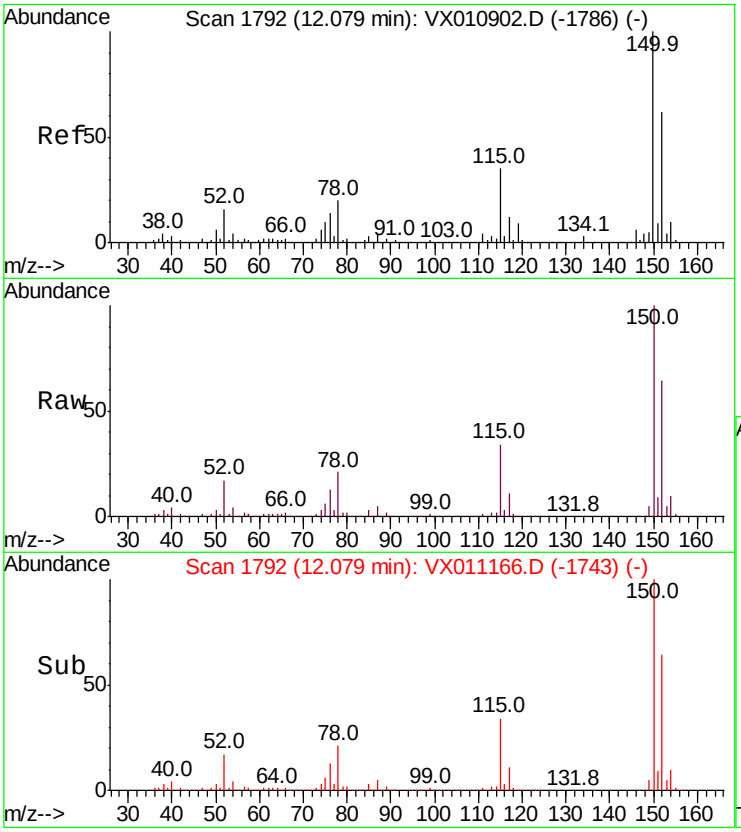


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Tgt Ion:117 Resp: 276519

Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.6	63.8
119	32.4	25.9	38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011166.D
Acq: 30 Jul 2019 00:22

Instrument :
MSVOA_X
ClientSampleId :
Z3-0684

Tgt Ion:152 Resp: 128198

Ion	Ratio	Lower	Upper
152	100		
115	56.4	39.7	119.1
150	158.1	0.0	345.6