Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
Data File : VX007985.D
Acq On : 11 Mar 2019 22:03
Operator : JC/SP
Sample : K1841-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE103D1-20190308

Quant Time: Mar 12 09:20:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	393359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138233	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.42%			
35) Dibromofluoromethane	5.51	113	128409	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.06%			
50) Toluene-d8	8.71	98	477441	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.34%			
62) 4-Bromofluorobenzene	11.13	95	175433	54.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.30%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	15632	7.057	ug/l	98
12) 1,1-Dichloroethene	2.38	96	9016	4.223	ug/l	98
16) Acetone	2.45	43	2742	1.789	ug/l	93
24) 1,1-Dichloroethane	3.70	63	3802	0.859	ug/l #	92
27) cis-1,2-Dichloroethene	4.60	96	4985	1.854	ug/l	90
30) Chloroform	5.21	83	3077	0.735	ug/l	98
44) Trichloroethene	7.21	130	2226046	761.780	ug/l	99
49) 1,4-Dioxane	7.75	88	1472	21.788	ug/l	93
64) Tetrachloroethene	9.34	164	11606	3.751	ug/l	99

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

Quantitation Report (QT Reviewed)

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Data File : VX007985.D
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190308

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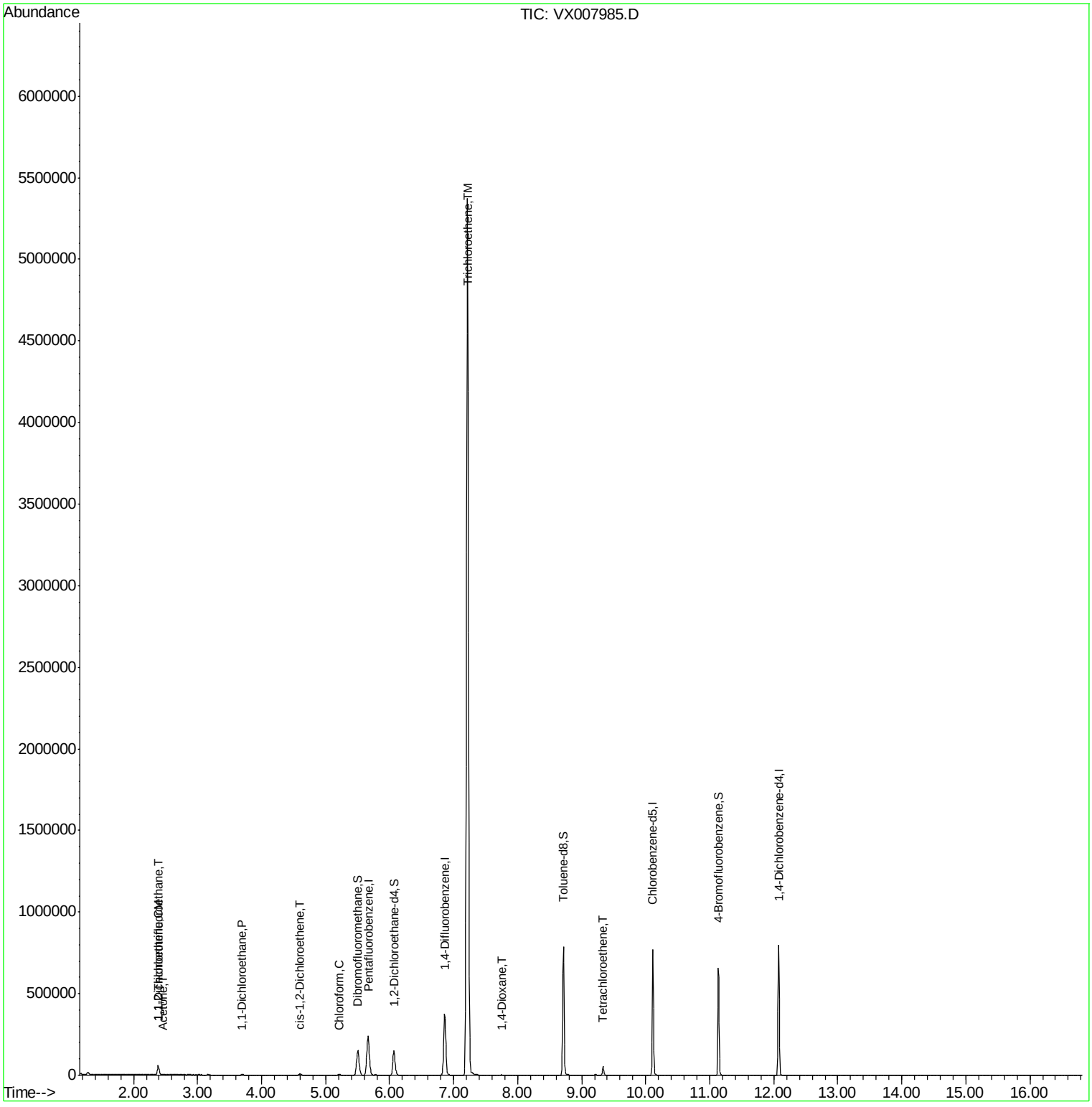
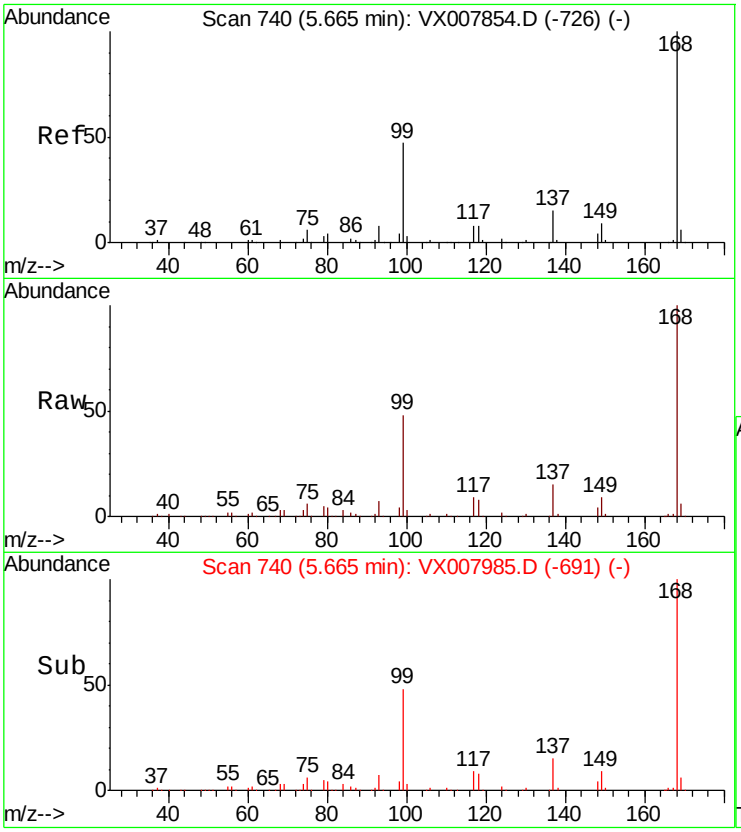
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration



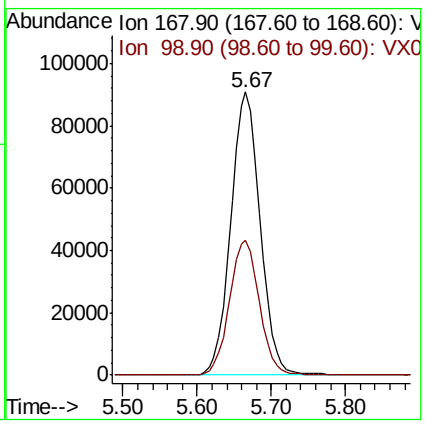


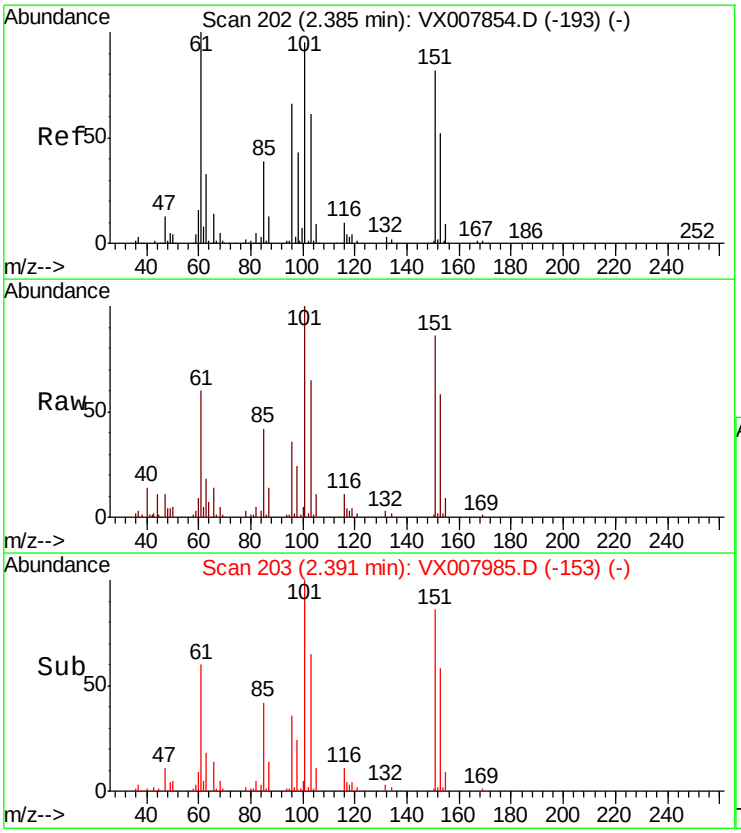
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190308

Tgt Ion:168 Resp: 250960

Ion	Ratio	Lower	Upper
168	100		
99	47.6	37.6	56.4

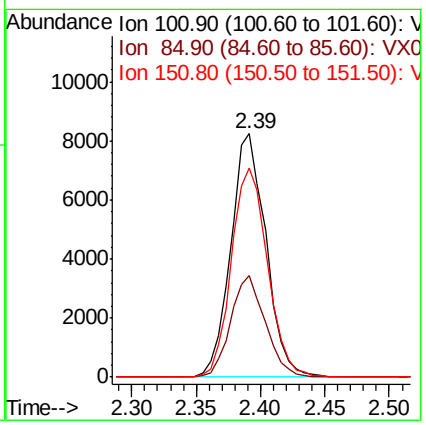


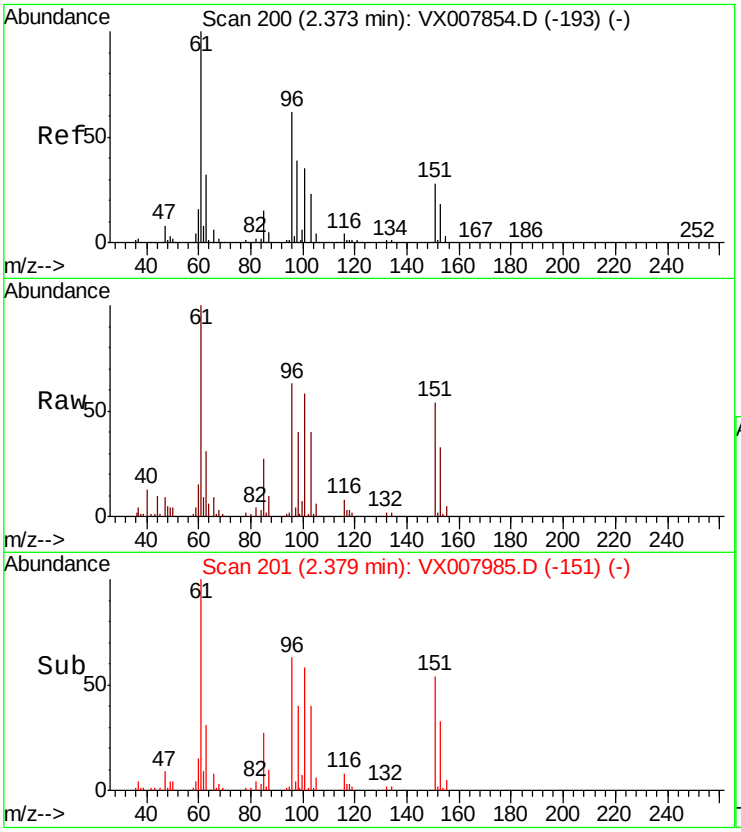


#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.057 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Tgt Ion:101 Resp: 15632

Ion	Ratio	Lower	Upper
101	100		
85	40.9	33.8	50.6
151	88.1	69.1	103.7



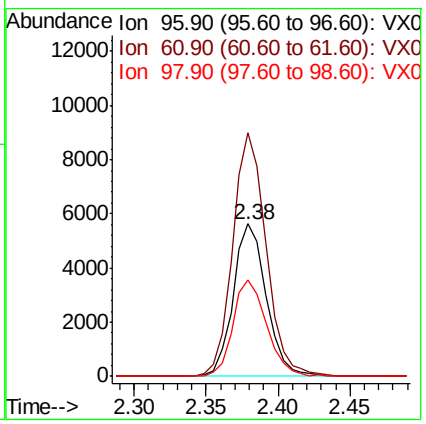


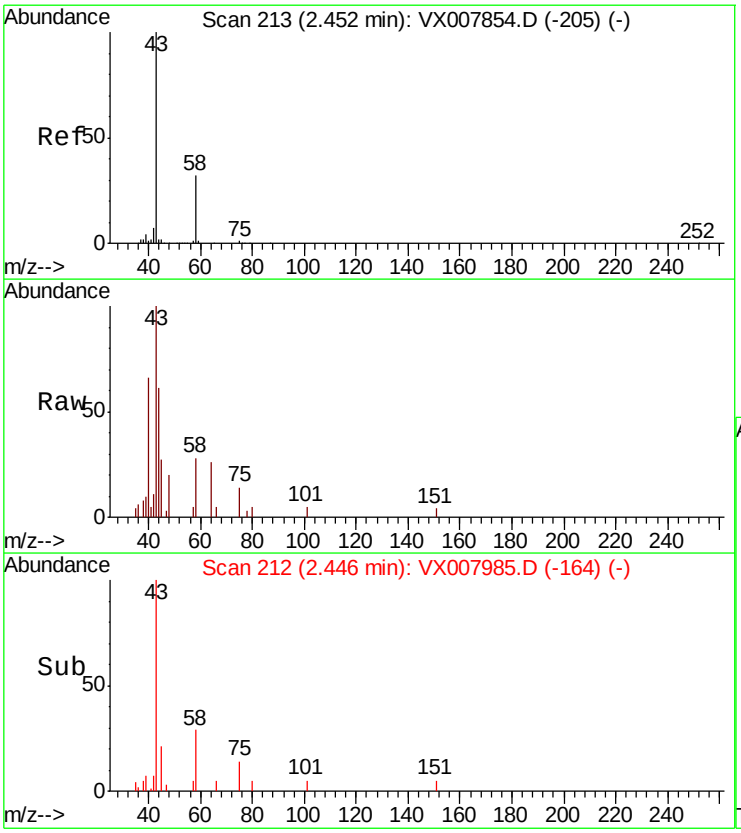
#12
1,1-Dichloroethene
Concen: 4.223 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Instrument : MSVOA_X
ClientSampleId : RE103D1-20190308

Tgt Ion: 96 Resp: 9016

Ion	Ratio	Lower	Upper
96	100		
61	159.6	129.8	194.6
98	63.3	51.0	76.6

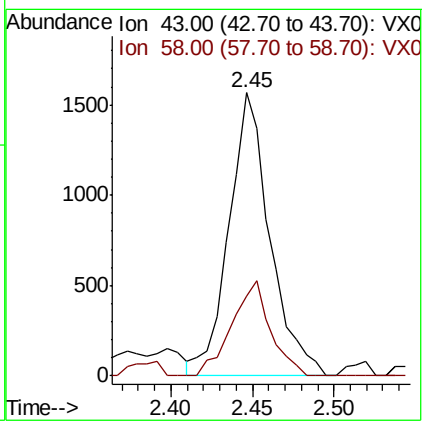


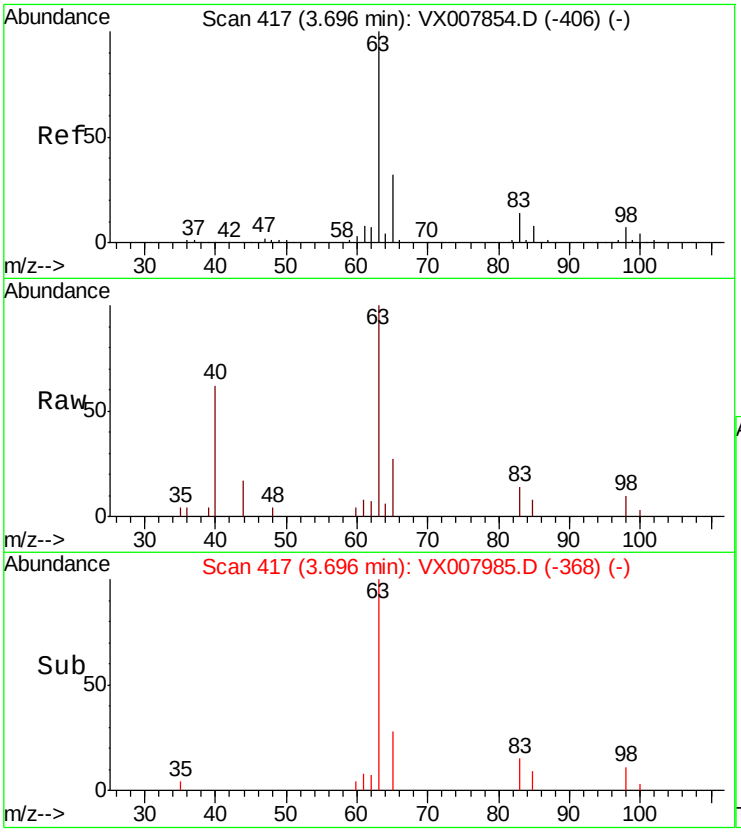


#16
Acetone
Concen: 1.789 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.01 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Tgt Ion: 43 Resp: 2742

Ion	Ratio	Lower	Upper
43	100		
58	28.2	25.5	38.3



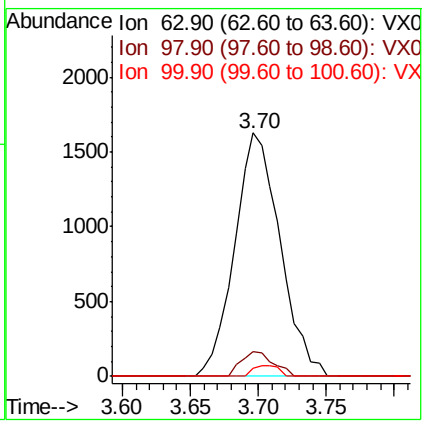


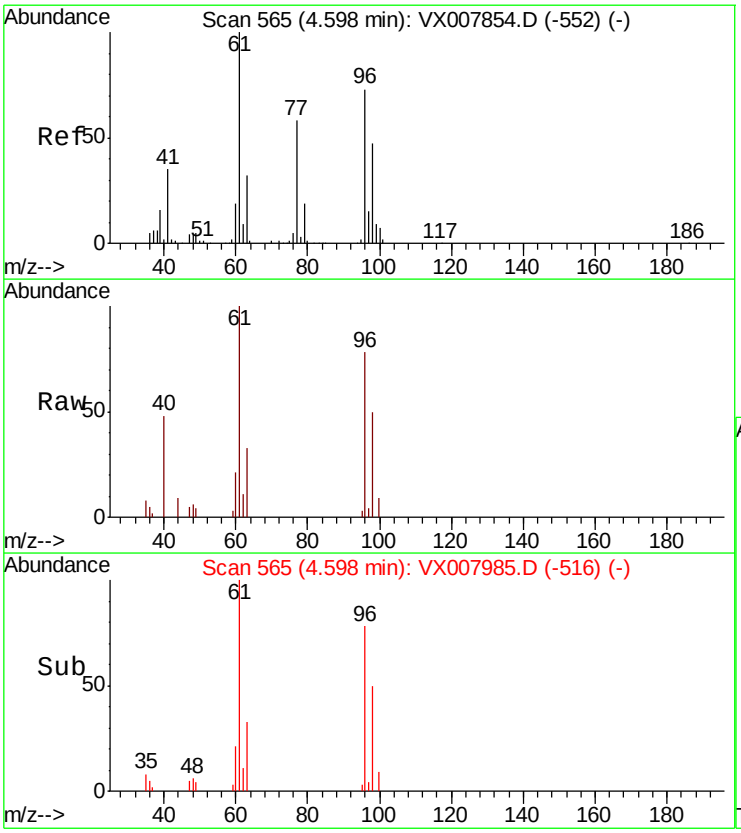
#24
1,1-Dichloroethane
Concen: 0.859 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Instrument : MSVOA_X
ClientSampleId : RE103D1-20190308

Tgt Ion: 63 Resp: 3802

Ion	Ratio	Lower	Upper
63	100		
98	10.2	3.3	9.8#
100	3.2	2.3	6.8

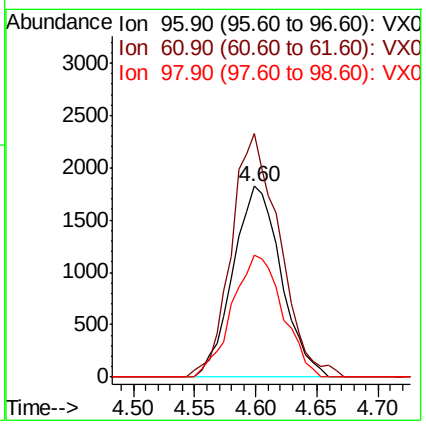


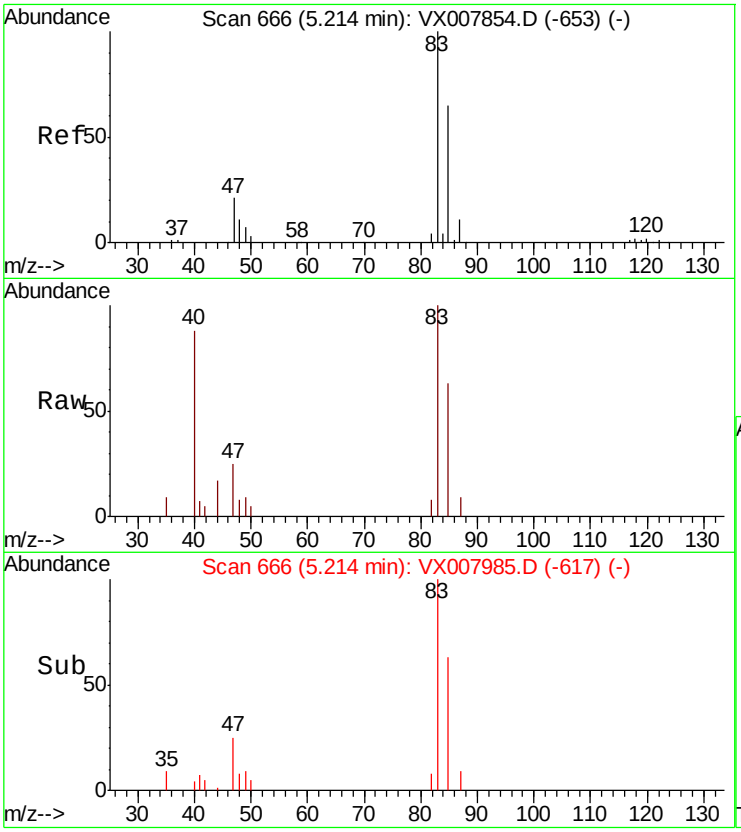


#27
cis-1,2-Dichloroethene
Concen: 1.854 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Tgt Ion: 96 Resp: 4985

Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	288.0
98	67.0	0.0	129.0



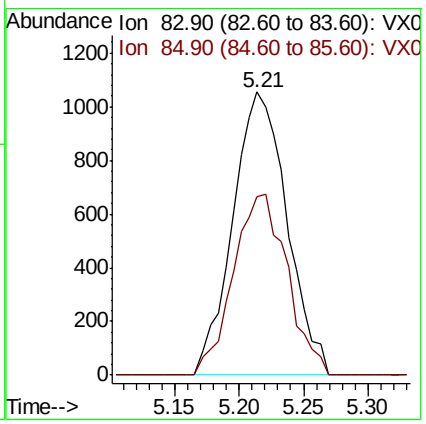


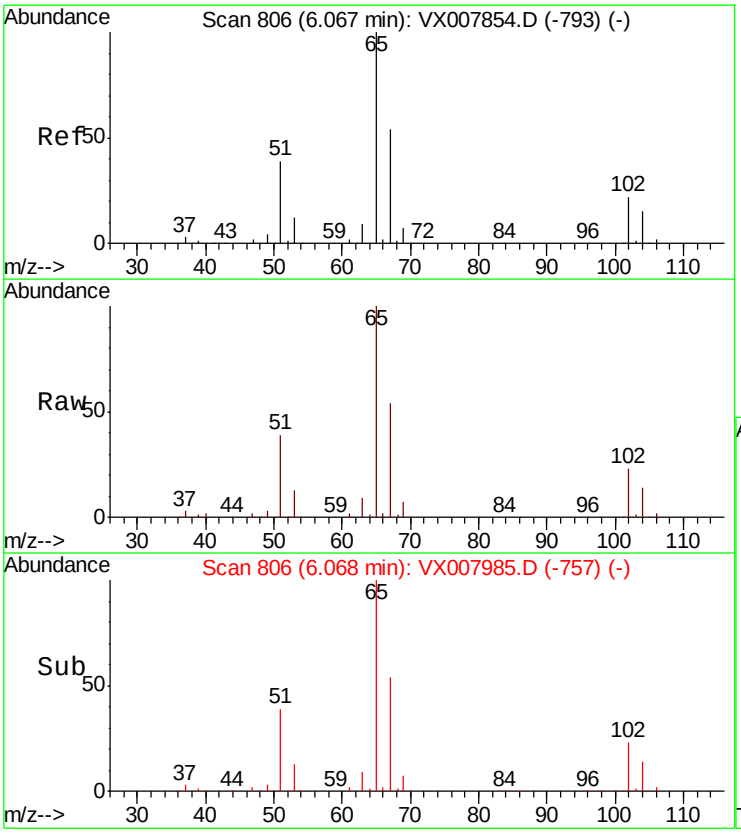
#30
Chloroform
Concen: 0.735 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190308

Tgt Ion: 83 Resp: 3077

Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.6

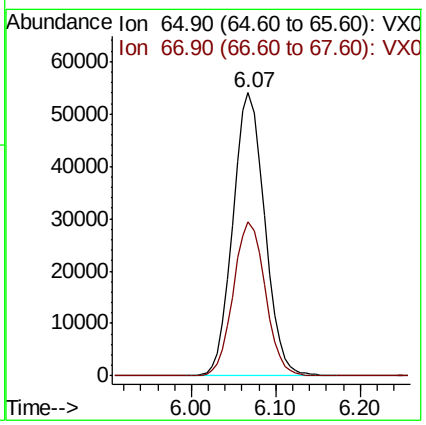


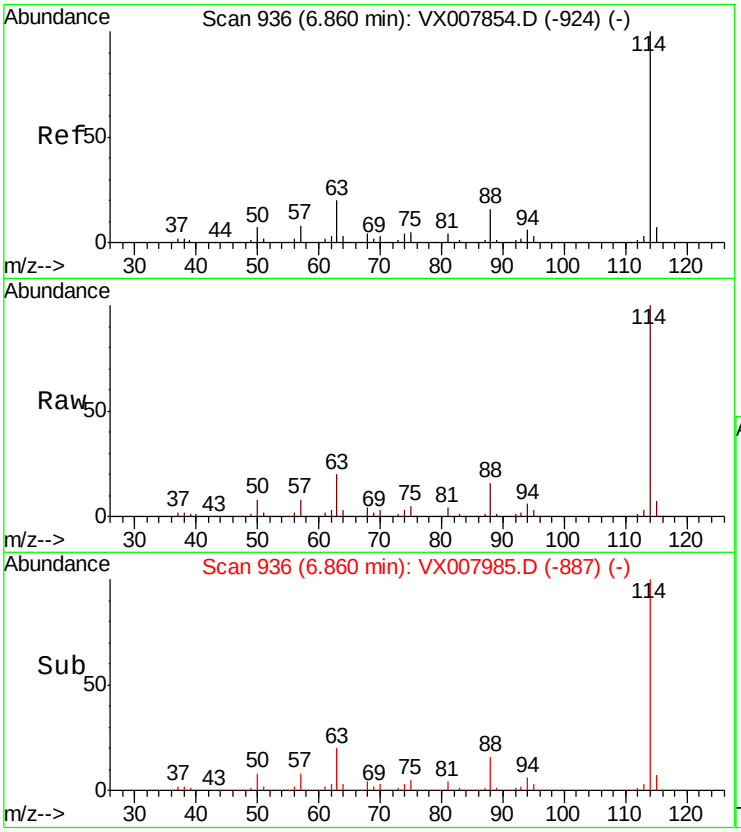


#33
1,2-Dichloroethane-d4
Concen: 52.215 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Tgt Ion: 65 Resp: 138233

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	110.0



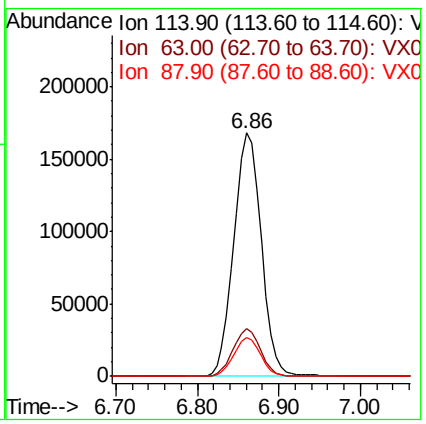


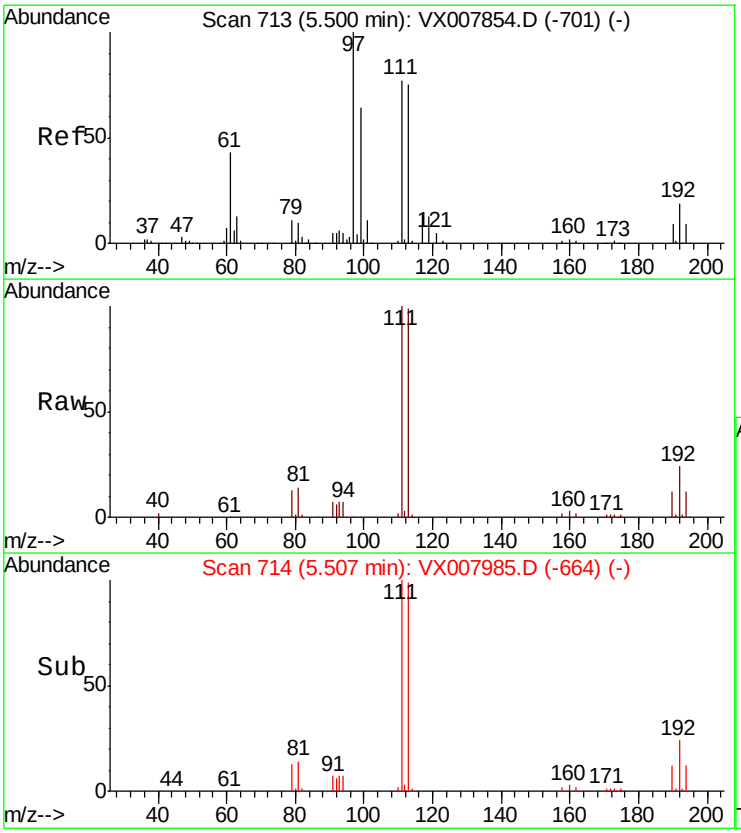
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190308

Tgt Ion:114 Resp: 393359

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.8
88	15.7	0.0	31.4

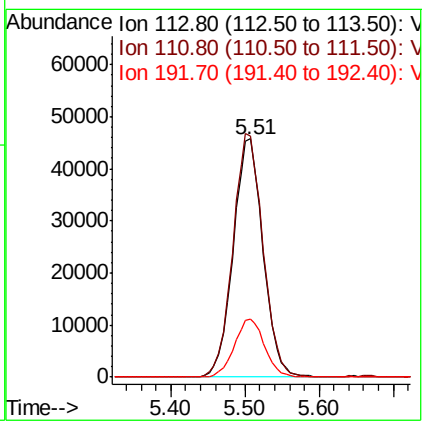


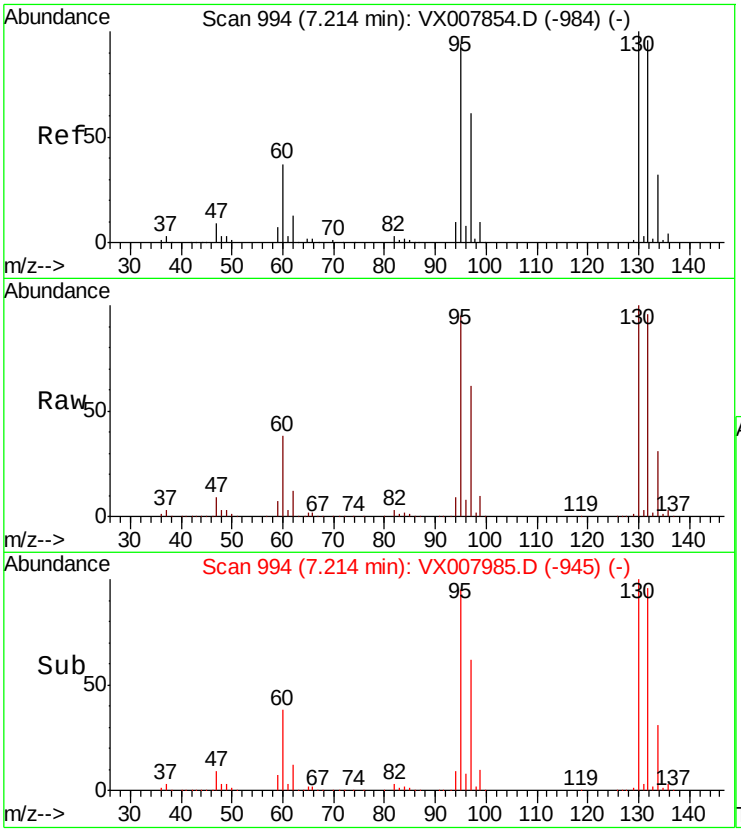


#35
Dibromofluoromethane
Concen: 51.033 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Tgt Ion:113 Resp: 128409

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	24.6	19.4	29.0



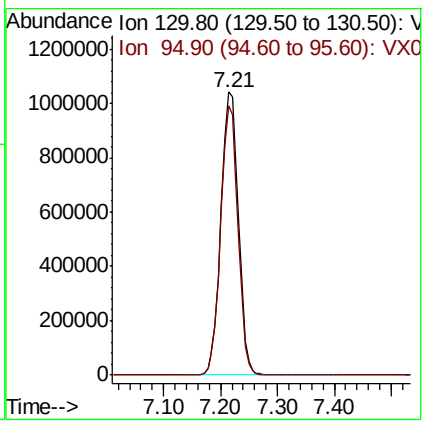


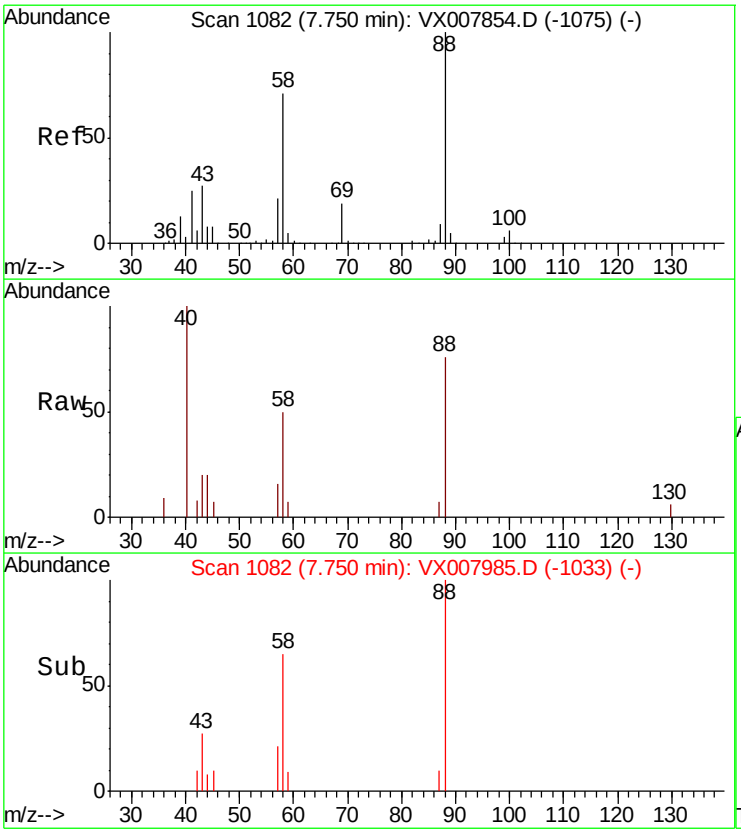
#44
Trichloroethene
Concen: 761.780 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190308

Tgt Ion:130 Resp: 2226046

Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	188.0

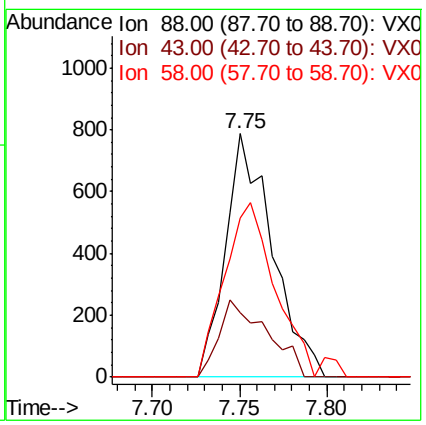


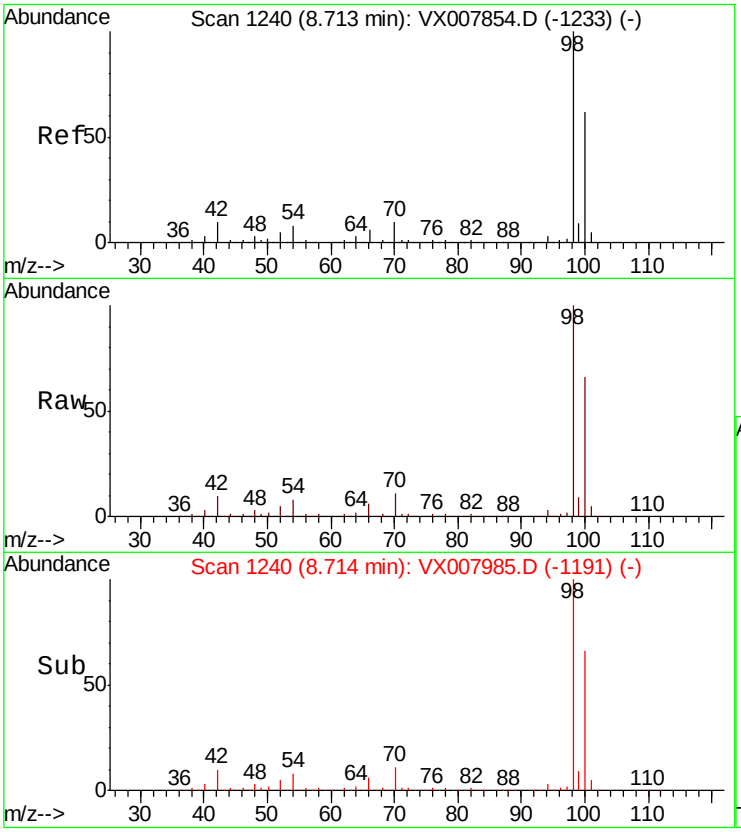


#49
1,4-Dioxane
Concen: 21.788 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Tgt Ion: 88 Resp: 1472

Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.1	37.7
58	80.4	57.8	86.6



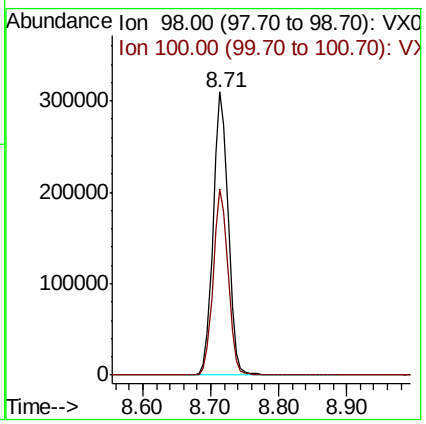


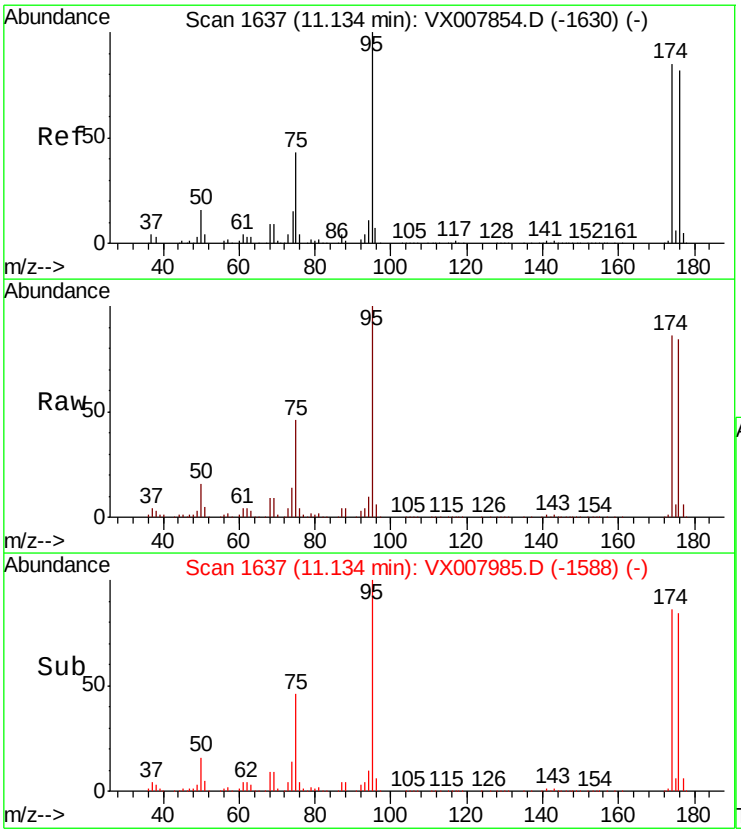
#50
Toluene-d8
Concen: 51.667 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190308

Tgt Ion: 98 Resp: 477441

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5

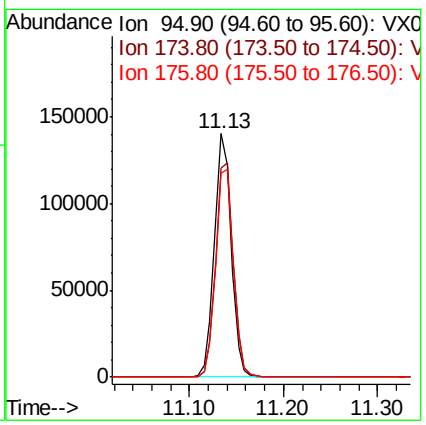


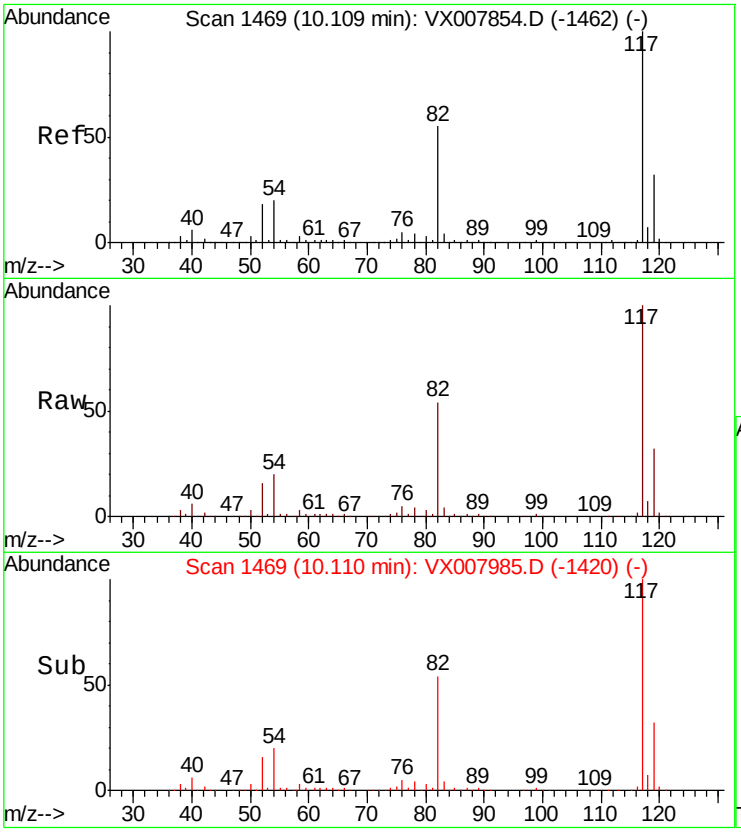


#62
4-Bromofluorobenzene
Concen: 54.148 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Tgt Ion: 95 Resp: 175433

Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	182.8
176	89.8	0.0	178.0



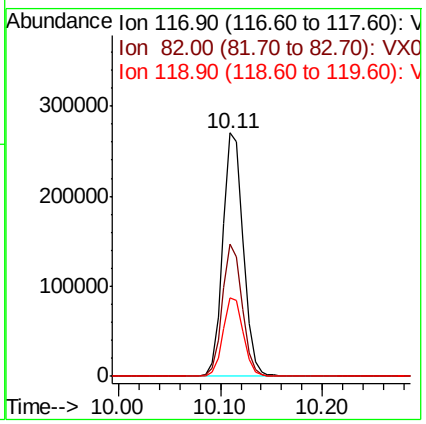


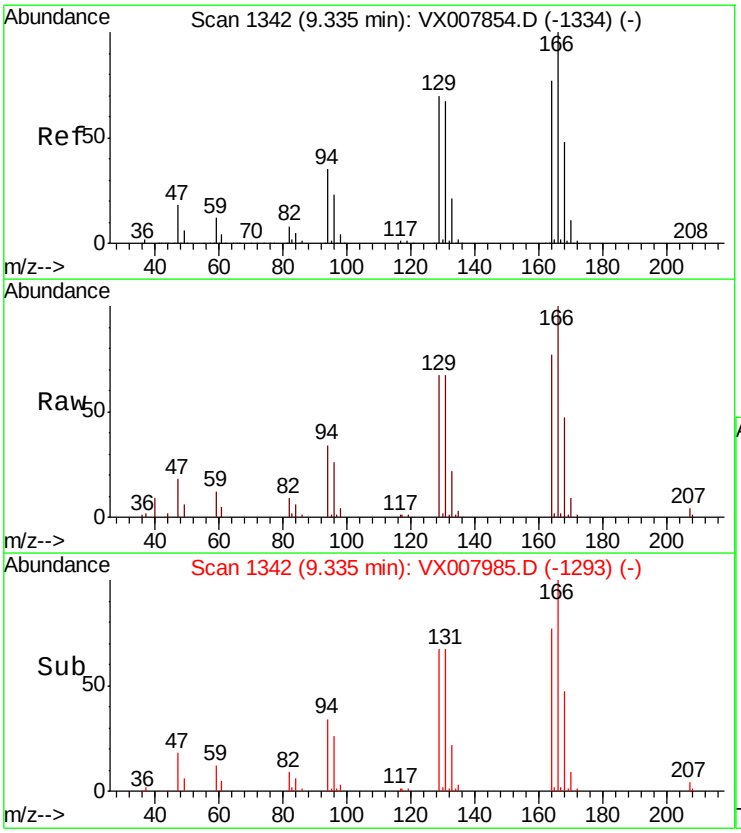
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Instrument : MSVOA_X
ClientSampleId : RE103D1-20190308

Tgt Ion:117 Resp: 373411

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.3	66.5
119	32.1	25.3	37.9

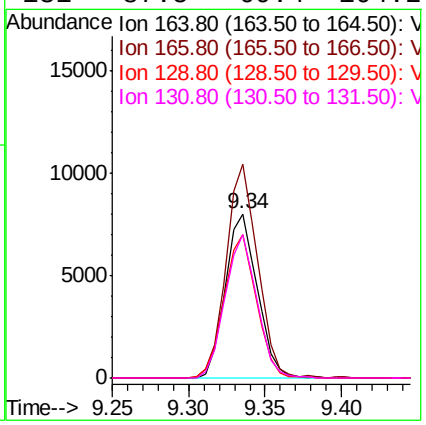


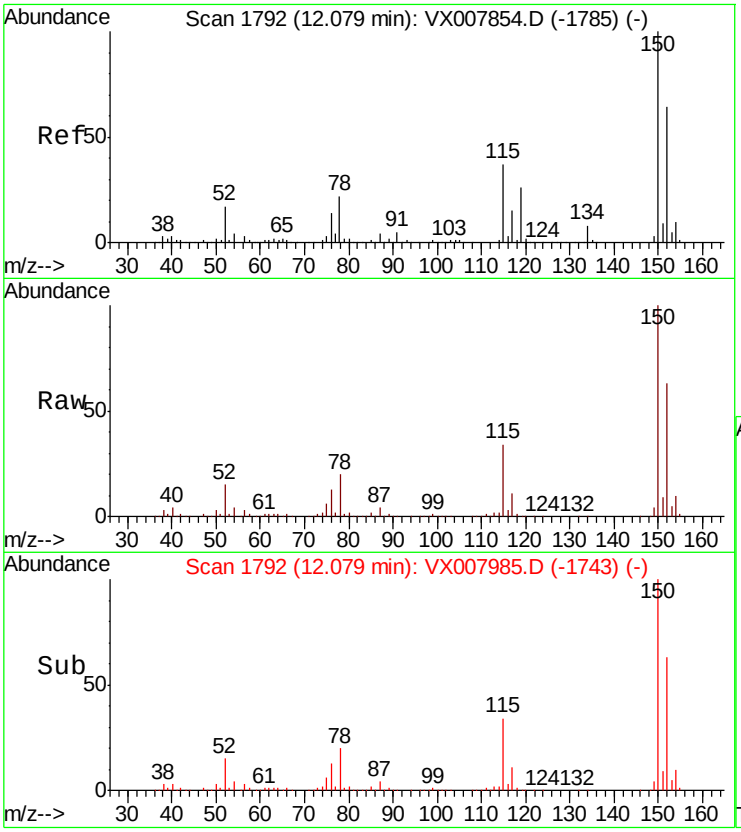


#64
Tetrachloroethene
Concen: 3.751 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Tgt Ion:164 Resp: 11606

Ion	Ratio	Lower	Upper
164	100		
166	130.1	103.4	155.0
129	87.4	72.2	108.4
131	87.5	69.4	104.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007985.D
Acq: 11 Mar 2019 22:03

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190308

Tgt Ion:152 Resp: 180969

Ion	Ratio	Lower	Upper
152	100		
115	54.6	38.6	115.7
150	156.9	0.0	348.4