Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022519\
Data File : VX007697.D
Acq On : 26 Feb 2019 06:01
Operator : JC/SP
Sample : K1603-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : M1-T0-UV(PRE)

Quant Time: Feb 26 06:45:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	344665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	582574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	550228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	250354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	207483	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.20%			
35) Dibromofluoromethane	5.51	113	194930	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.10%			
50) Toluene-d8	8.71	98	710993	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.38%			
62) 4-Bromofluorobenzene	11.13	95	244848	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.48%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.38	96	2704	0.897	ug/l #	85
19) Methyl tert-butyl Ether	3.21	73	35345	3.367	ug/l	99
24) 1,1-Dichloroethane	3.70	63	8824	1.399	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	16262	3.899	ug/l	92
44) Trichloroethene	7.21	130	331316	74.492	ug/l	97
64) Tetrachloroethene	9.34	164	36011	8.062	ug/l	97

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

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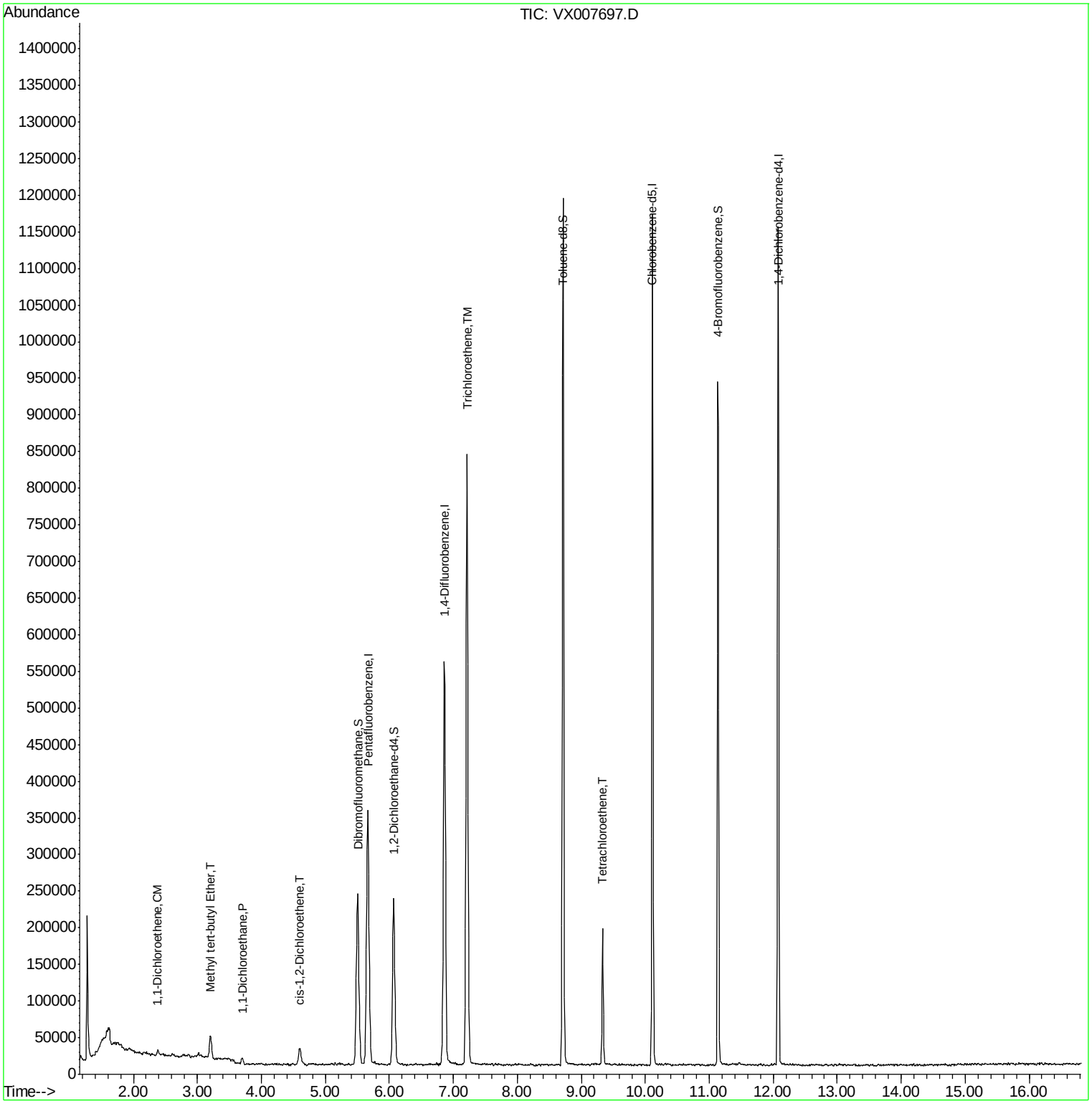
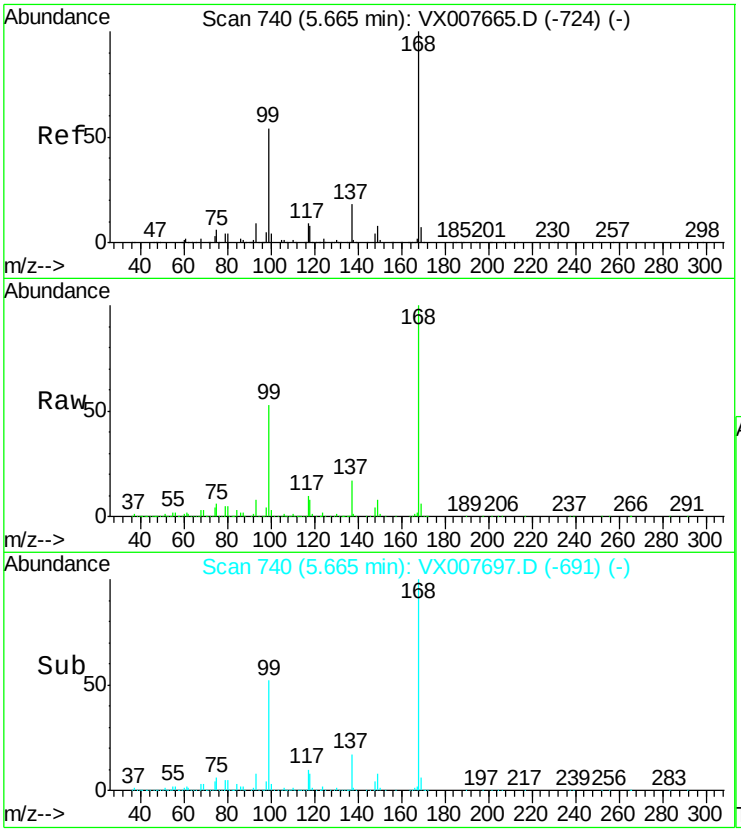


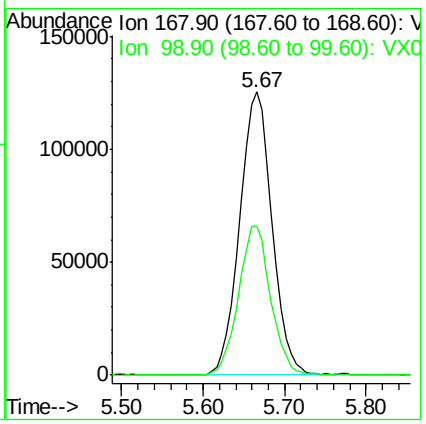


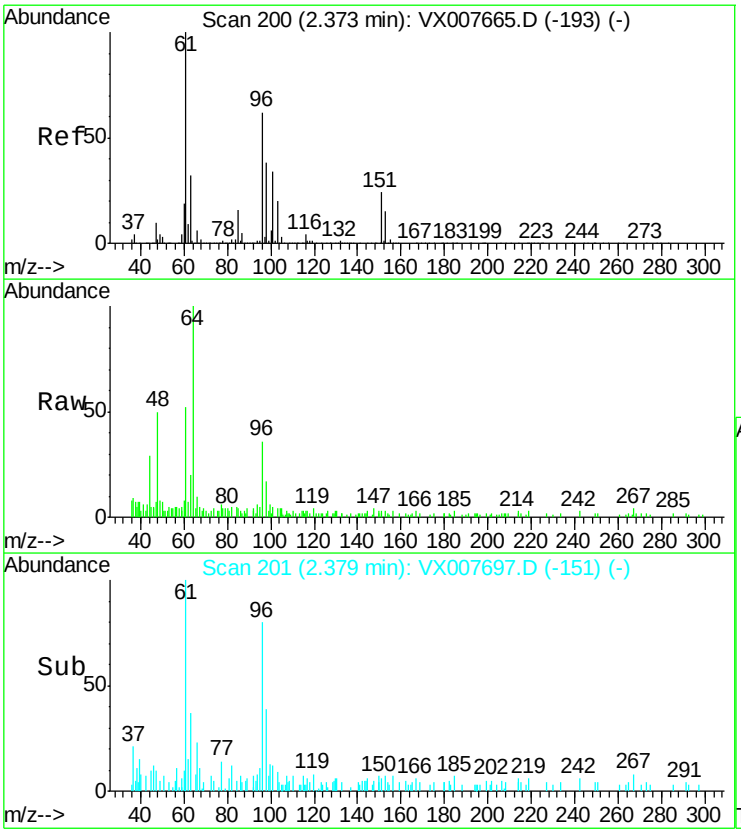
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX007697.D
Acq: 26 Feb 2019 06:01

Instrument :
MSVOA_X
ClientSampleId :
M1-T0-UV(PRE)

Tgt Ion:168 Resp: 344665

Ion	Ratio	Lower	Upper
168	100		
99	52.5	37.9	56.9

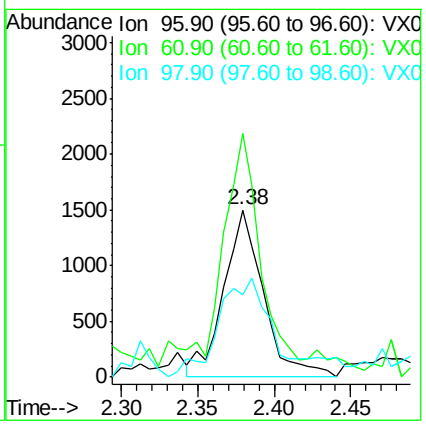


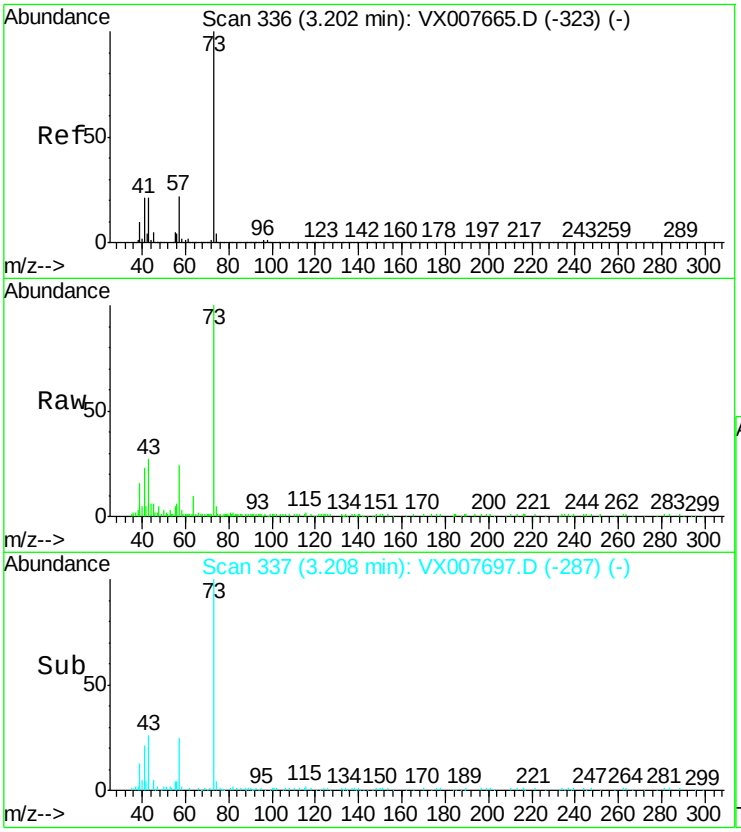


#12
1,1-Dichloroethene
Concen: 0.897 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007697.D
Acq: 26 Feb 2019 06:01

Tgt Ion: 96 Resp: 2704

Ion	Ratio	Lower	Upper
96	100		
61	142.7	123.0	184.4
98	40.4	50.9	76.3#



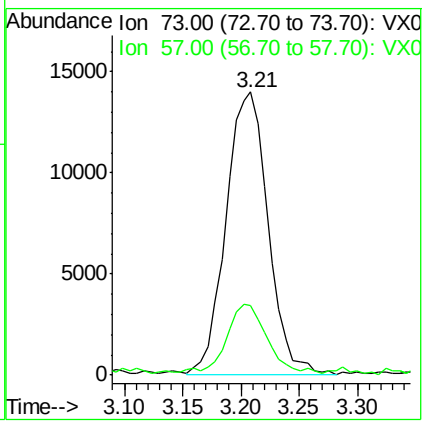


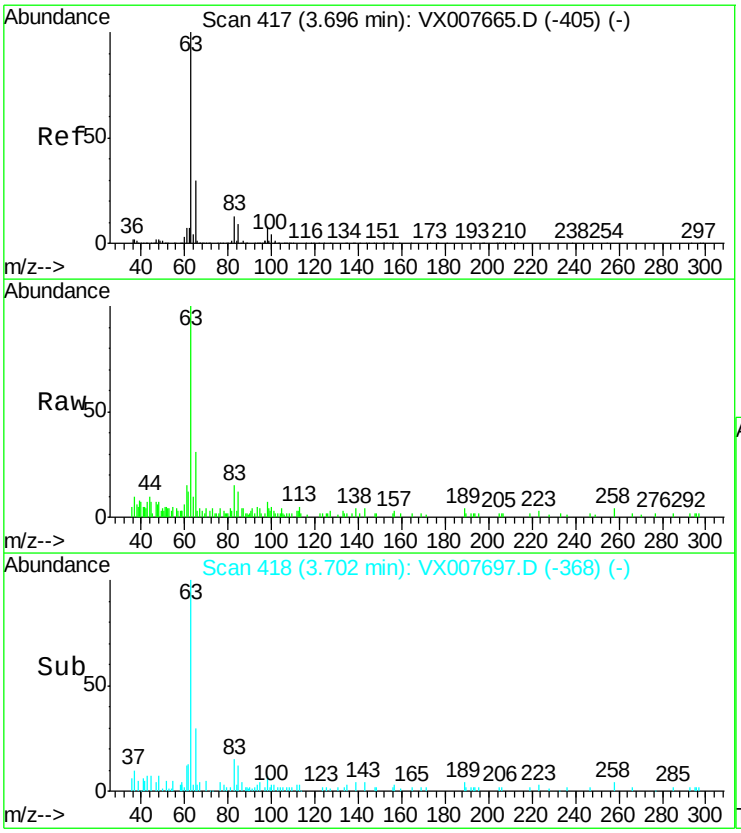
#19
Methyl tert-butyl Ether
Concen: 3.367 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007697.D
Acq: 26 Feb 2019 06:01

Instrument : MSVOA_X
ClientSampleId : M1-T0-UV(PRE)

Tgt Ion: 73 Resp: 35345

Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.8	26.8

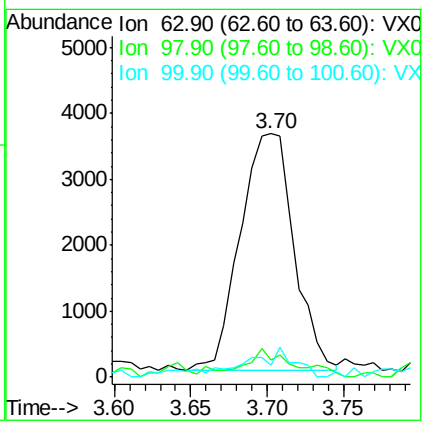


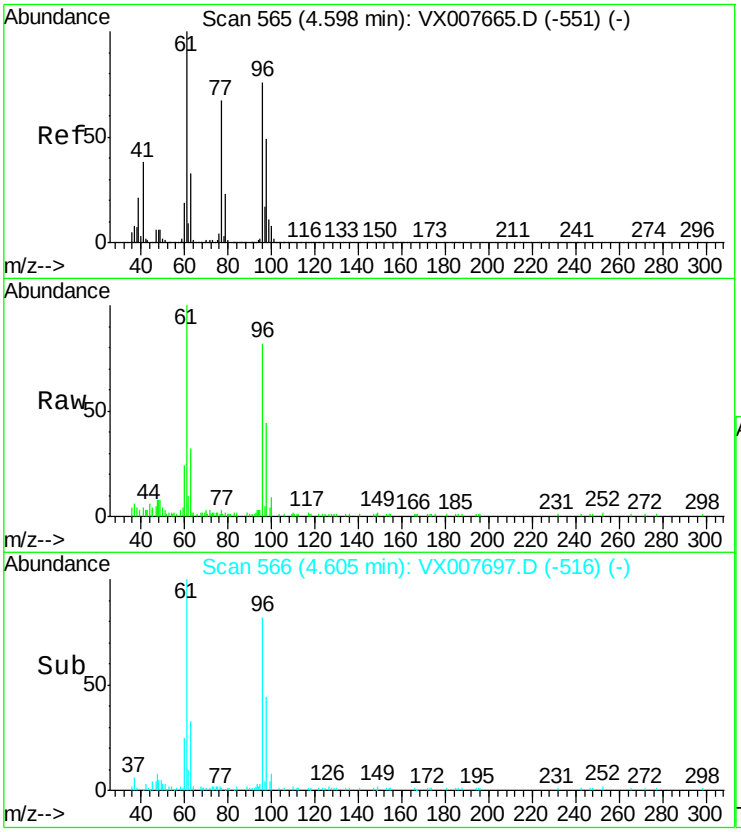


#24
1,1-Dichloroethane
Concen: 1.399 ug/l
RT: 3.70 min Scan# 418
Delta R.T. 0.01 min
Lab File: VX007697.D
Acq: 26 Feb 2019 06:01

Tgt Ion: 63 Resp: 8824

Ion	Ratio	Lower	Upper
63	100		
98	5.1	3.6	10.8
100	2.8	2.5	7.4



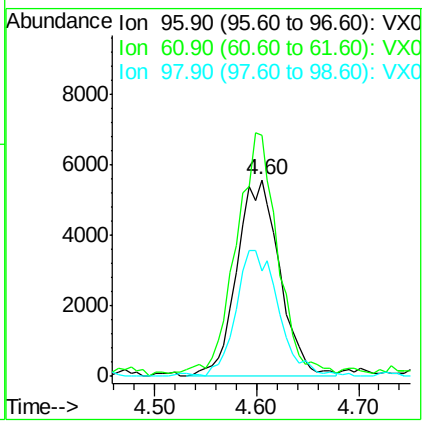


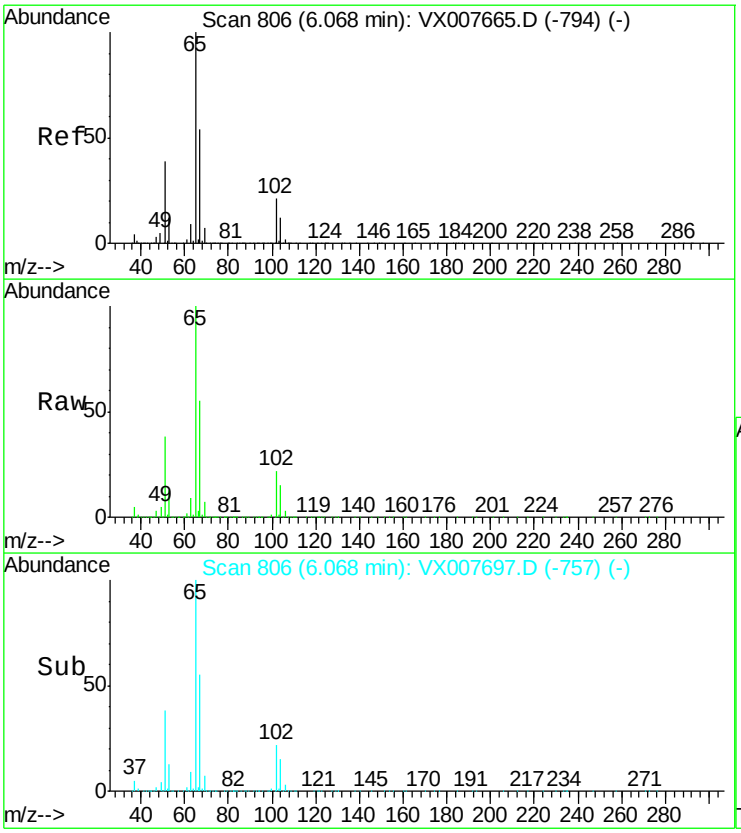
#27
cis-1,2-Dichloroethene
Concen: 3.899 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007697.D
Acq: 26 Feb 2019 06:01

Instrument :
MSVOA_X
ClientSampleId :
M1-T0-UV(PRE)

Tgt Ion: 96 Resp: 16262

Ion	Ratio	Lower	Upper
96	100		
61	119.3	0.0	265.6
98	63.8	0.0	131.6

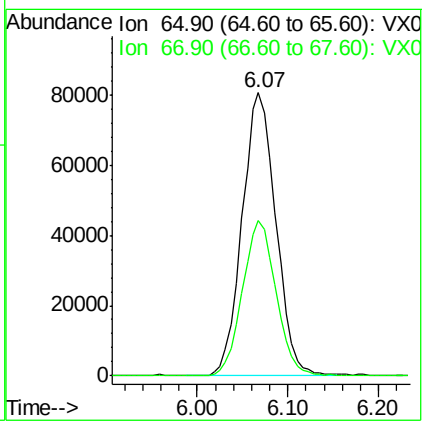


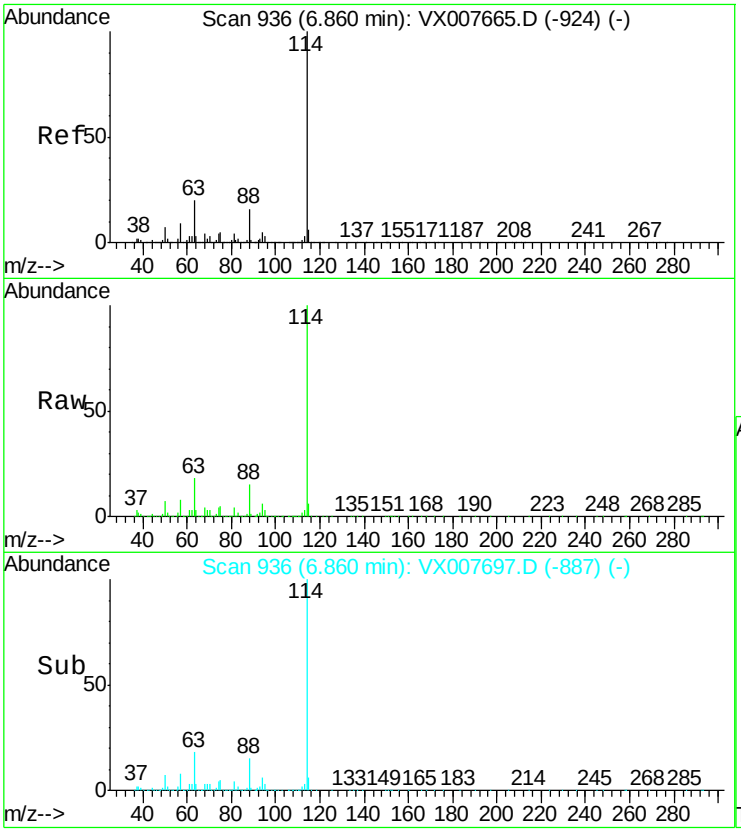


#33
1,2-Dichloroethane-d4
Concen: 48.599 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007697.D
Acq: 26 Feb 2019 06:01

Tgt Ion: 65 Resp: 207483

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.8



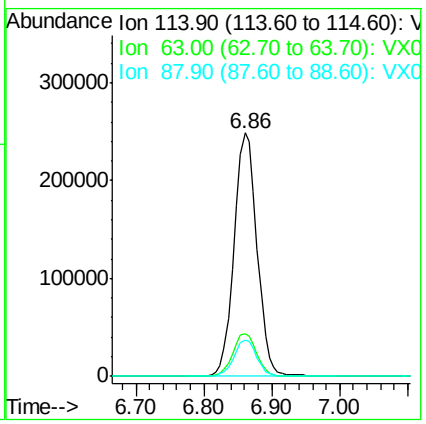


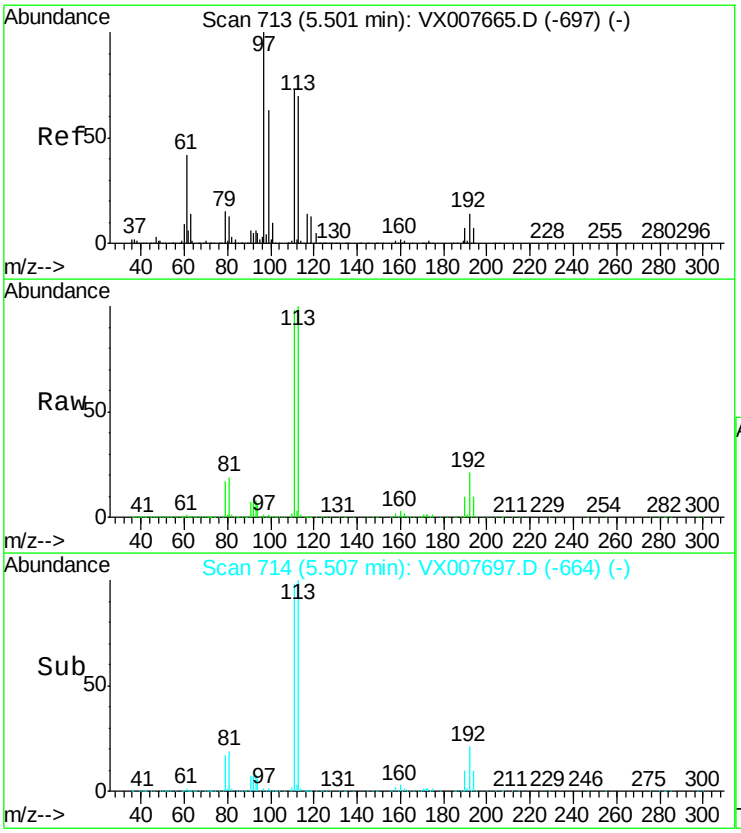
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007697.D
Acq: 26 Feb 2019 06:01

Instrument :
MSVOA_X
ClientSampleId :
M1-T0-UV(PRE)

Tgt Ion:114 Resp: 582574

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.6
88	15.1	0.0	29.6

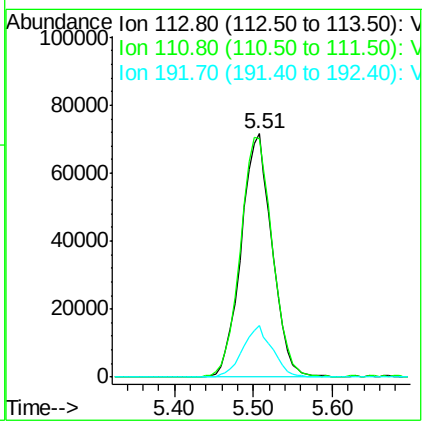


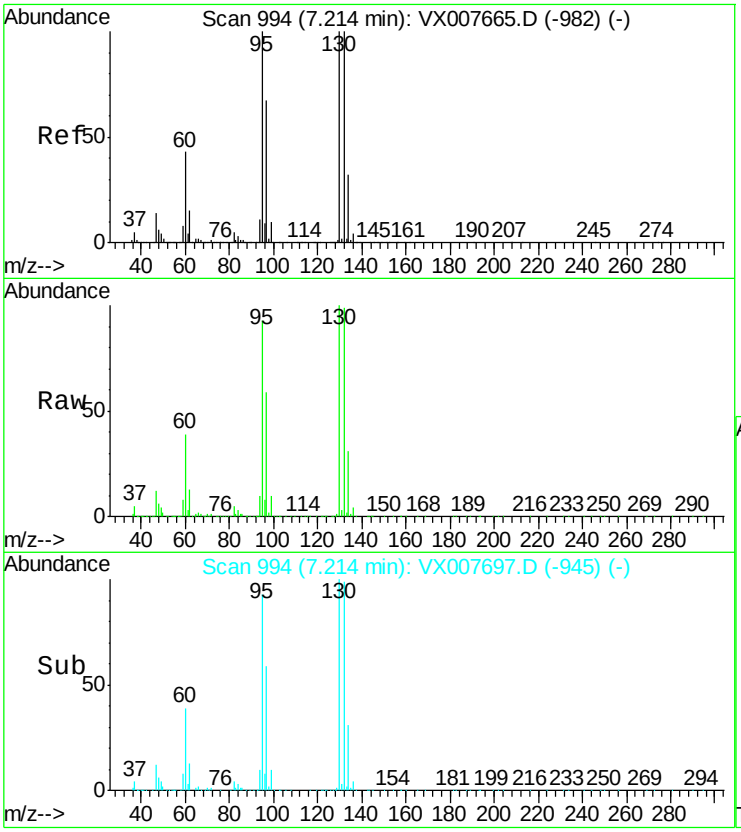


#35
Dibromofluoromethane
Concen: 50.055 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007697.D
Acq: 26 Feb 2019 06:01

Tgt Ion:113 Resp: 194930

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	20.5	18.5	27.7



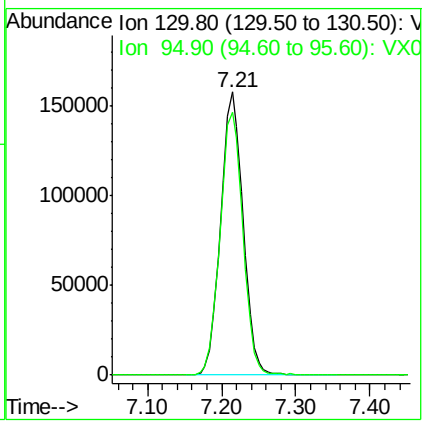


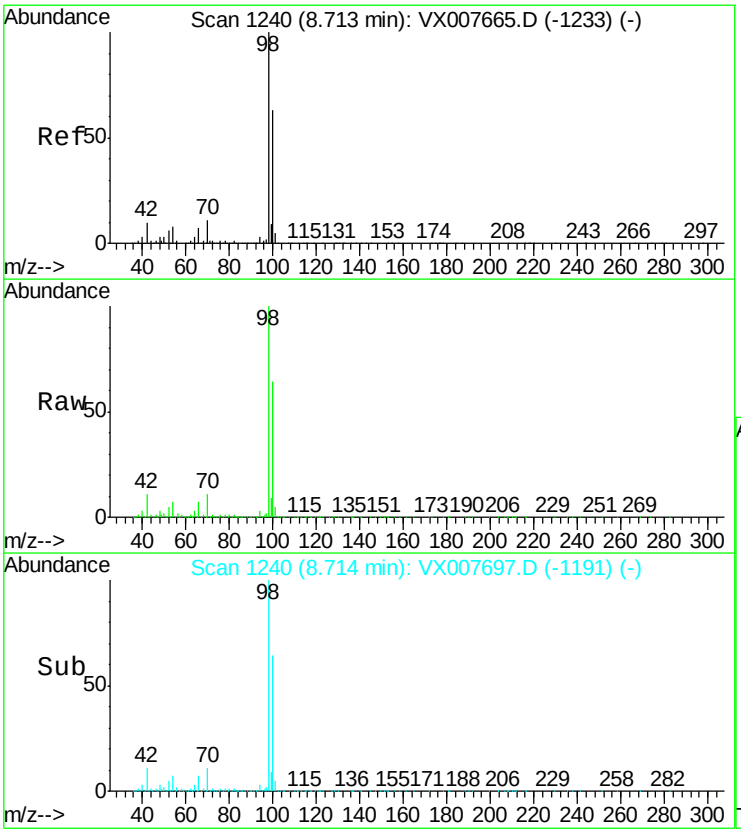
#44
Trichloroethene
Concen: 74.492 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX007697.D
Acq: 26 Feb 2019 06:01

Instrument :
MSVOA_X
ClientSampleId :
M1-T0-UV(PRE)

Tgt Ion:130 Resp: 331316

Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	180.0

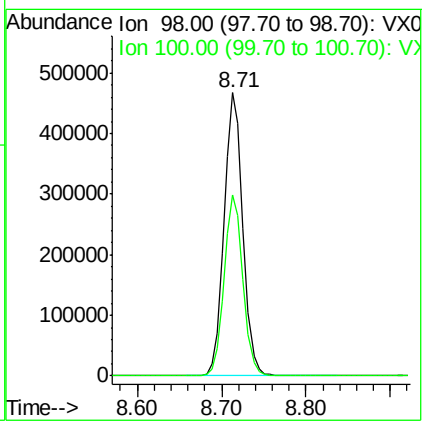


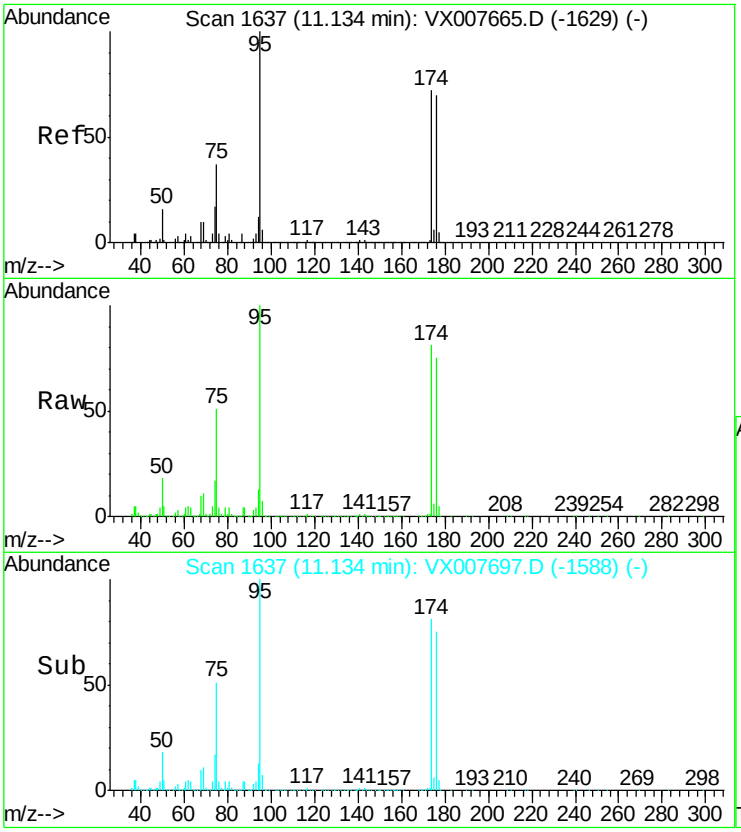


#50
Toluene-d8
Concen: 47.689 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007697.D
Acq: 26 Feb 2019 06:01

Tgt Ion: 98 Resp: 710993

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4



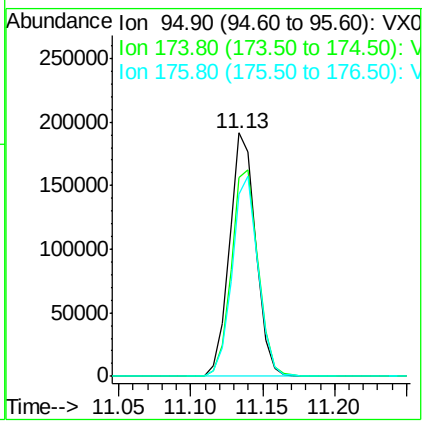


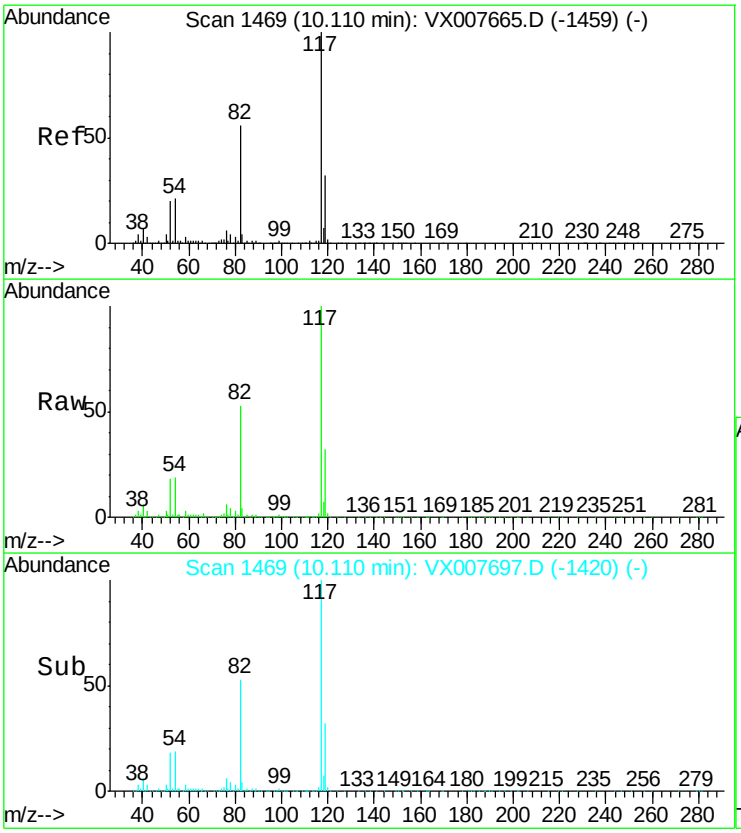
#62
4-Bromofluorobenzene
Concen: 44.745 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007697.D
Acq: 26 Feb 2019 06:01

Instrument :
MSVOA_X
ClientSampleId :
M1-T0-UV(PRE)

Tgt Ion: 95 Resp: 244848

Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	189.2
176	81.4	0.0	186.2

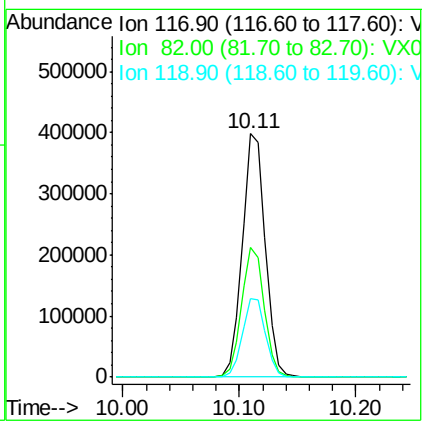


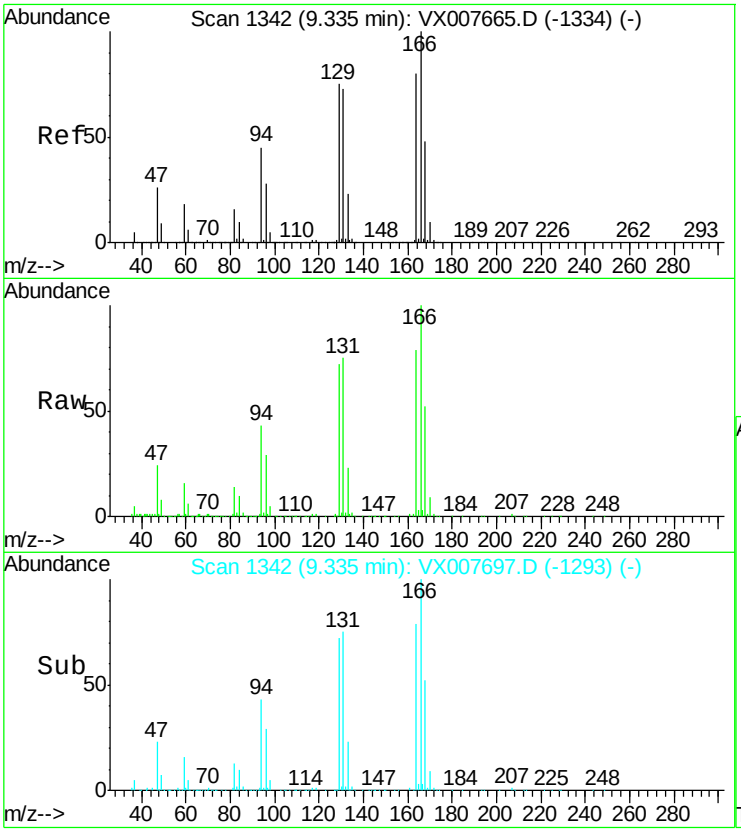


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007697.D
Acq: 26 Feb 2019 06:01

Tgt Ion:117 Resp: 550228

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.1	63.1
119	32.3	26.5	39.7



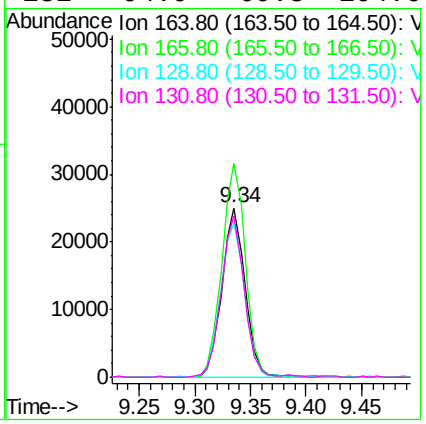


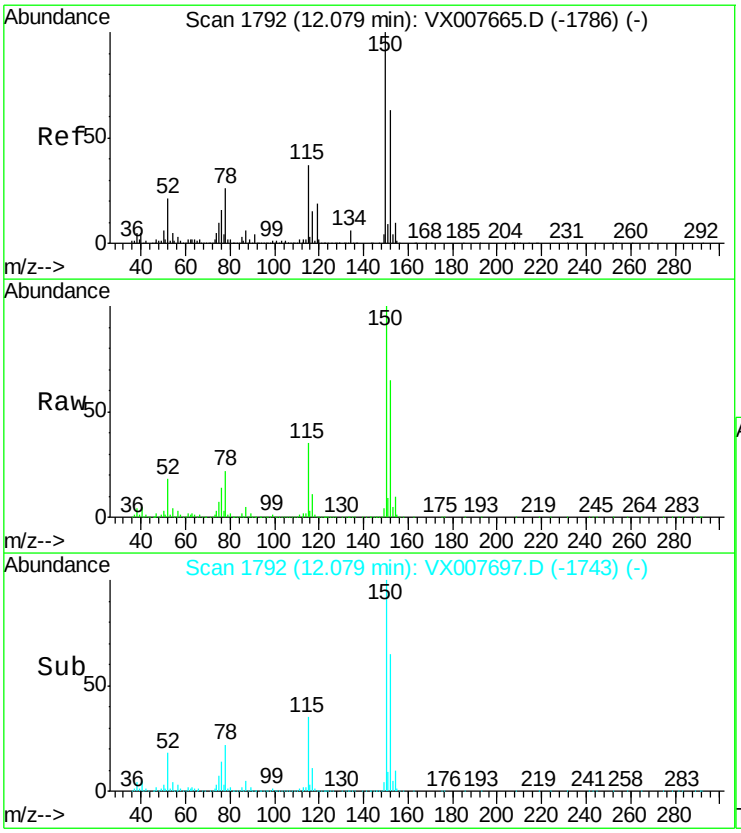
#64
Tetrachloroethene
Concen: 8.062 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007697.D
Acq: 26 Feb 2019 06:01

Instrument :
MSVOA_X
ClientSampleId :
M1-T0-UV(PRE)

Tgt Ion:164 Resp: 36011

Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.0	151.4
129	91.4	70.5	105.7
131	94.9	69.8	104.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007697.D
Acq: 26 Feb 2019 06:01

Tgt Ion:152 Resp: 250354

Ion	Ratio	Lower	Upper
152	100		
115	56.1	38.0	114.0
150	155.7	0.0	346.4