Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
Data File : VX010159.D
Acq On : 08 Jun 2019 23:20
Operator : JC/SP
Sample : K3257-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP02-20190605

Quant Time: Jun 10 09:05:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	428522	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	382227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126096	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.92%			
35) Dibromofluoromethane	5.50	113	130637	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.84%			
50) Toluene-d8	8.71	98	498956	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.74%			
62) 4-Bromofluorobenzene	11.13	95	173825	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.96%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3979	1.627	ug/l	92
16) Acetone	2.44	43	2872	2.250	ug/l #	83
27) cis-1,2-Dichloroethene	4.62	96	1470	0.478	ug/l	71
30) Chloroform	5.21	83	2644	0.582	ug/l	99
44) Trichloroethene	7.21	130	1261276	387.058	ug/l	88
64) Tetrachloroethene	9.34	164	1513	0.533	ug/l	91

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

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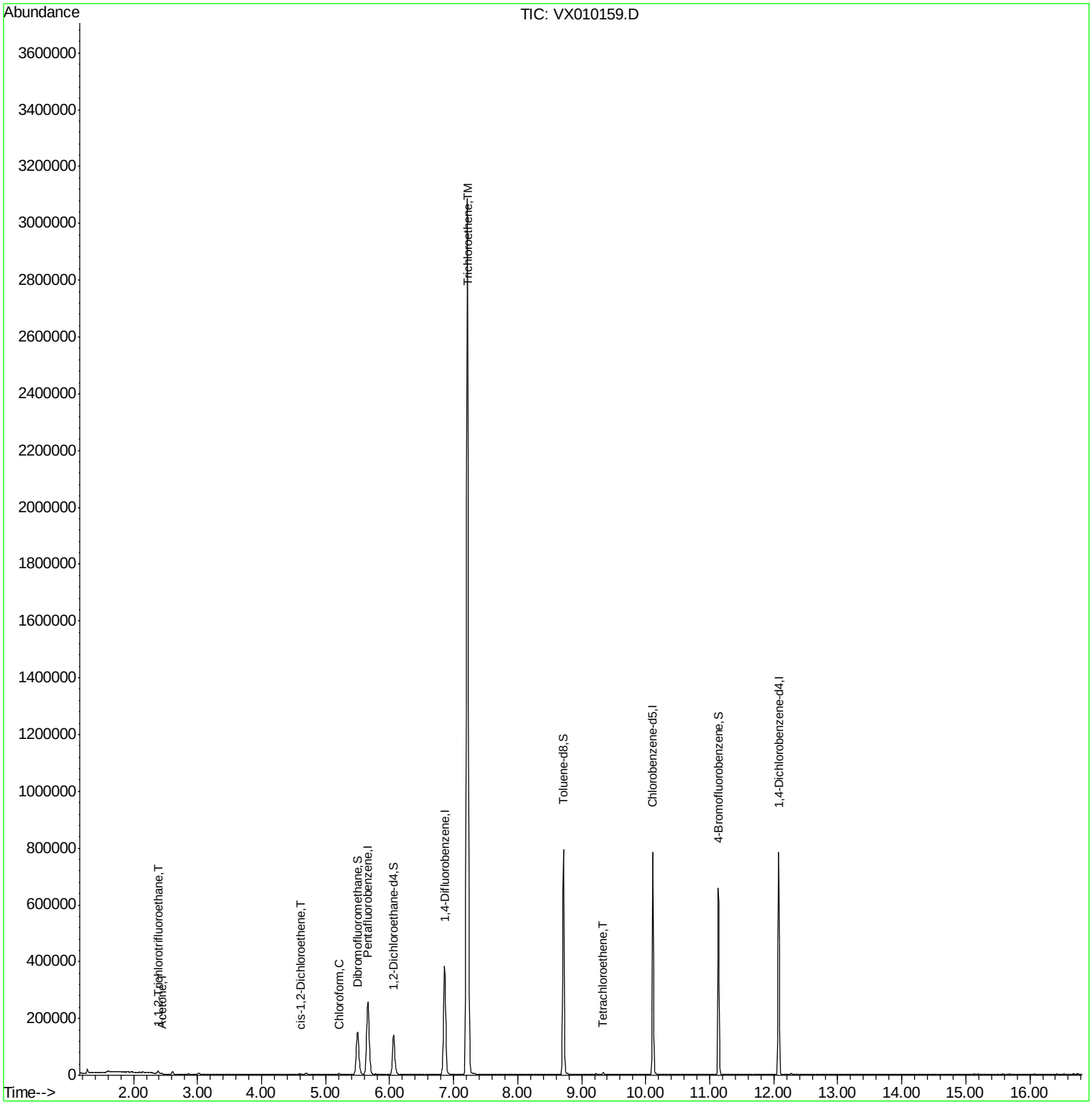
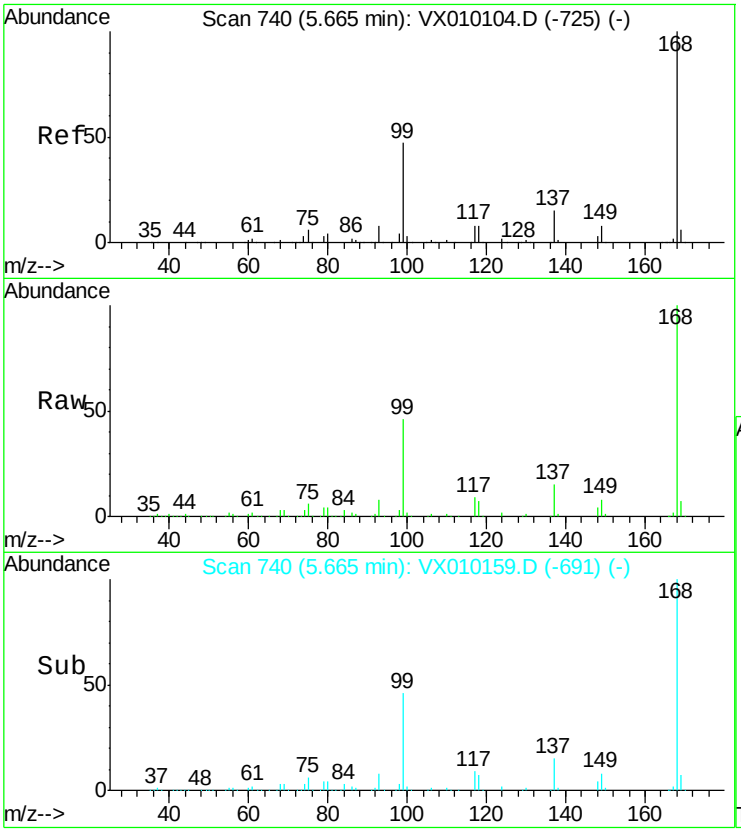


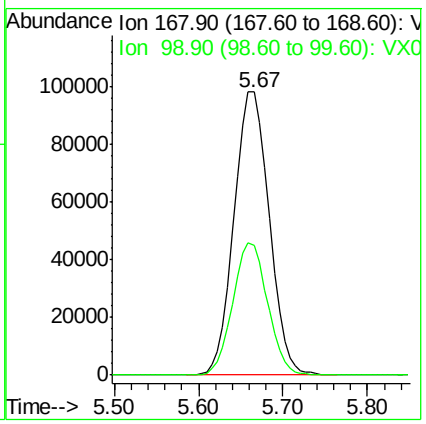


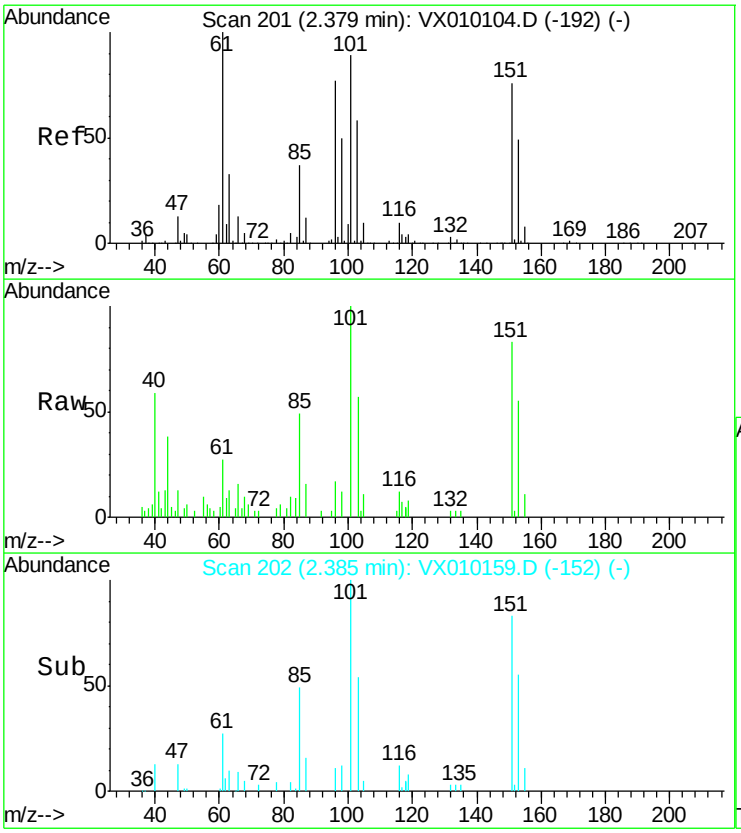
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX010159.D
Acq: 08 Jun 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190605

Tgt Ion:168 Resp: 278050

Ion	Ratio	Lower	Upper
168	100		
99	45.8	43.0	64.6

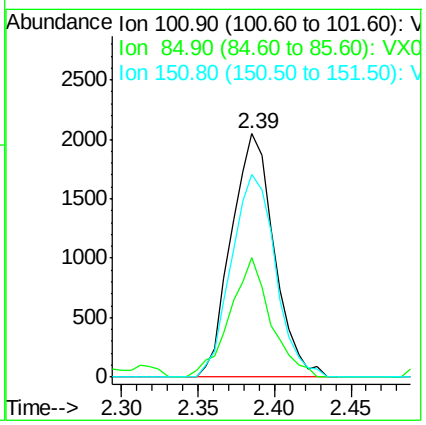


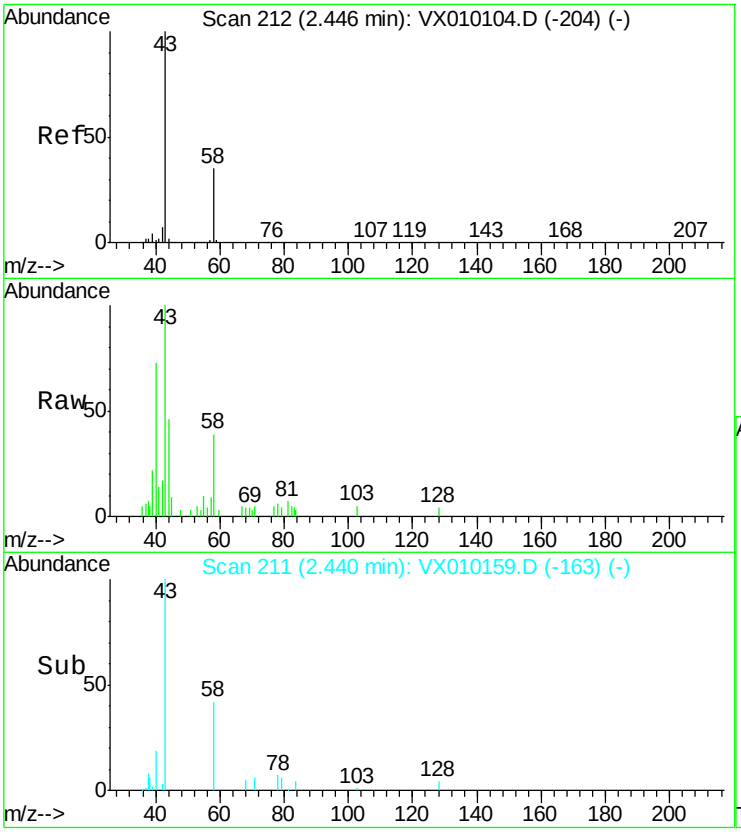


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.627 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX010159.D
Acq: 08 Jun 2019 23:20

Tgt Ion:101 Resp: 3979

Ion	Ratio	Lower	Upper
101	100		
85	46.8	35.2	52.8
151	85.9	61.9	92.9



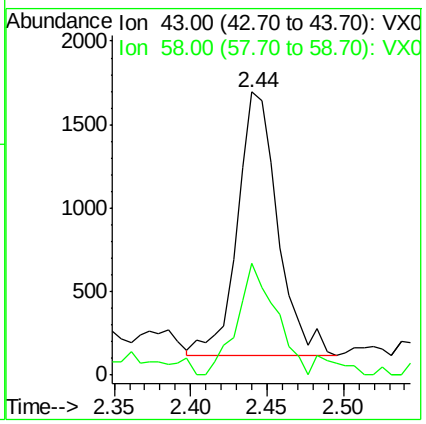


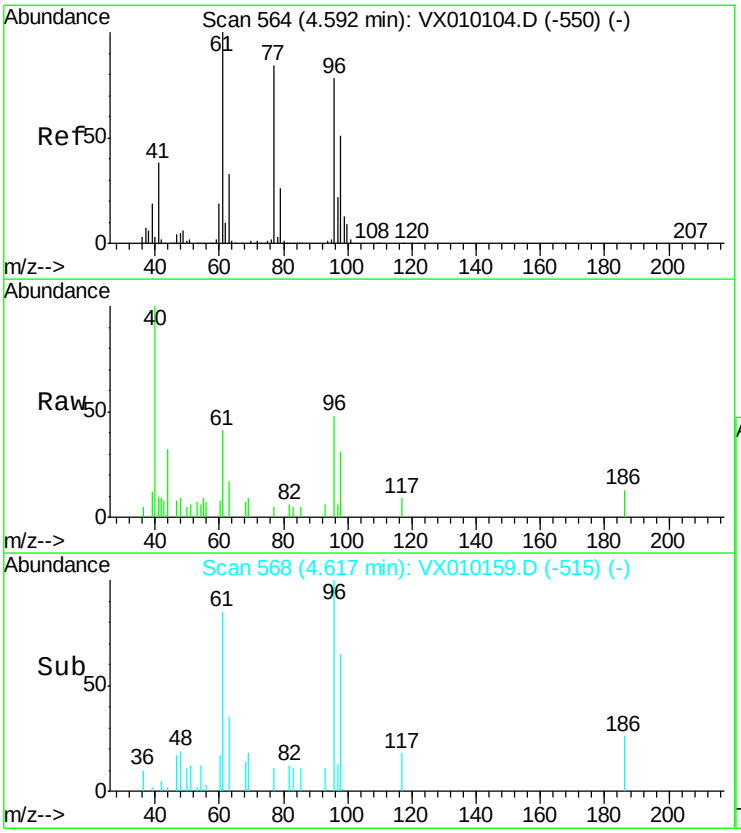
#16
Acetone
Concen: 2.250 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010159.D
Acq: 08 Jun 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190605

Tgt Ion: 43 Resp: 2872

Ion	Ratio	Lower	Upper
43	100		
58	37.9	23.2	34.8#

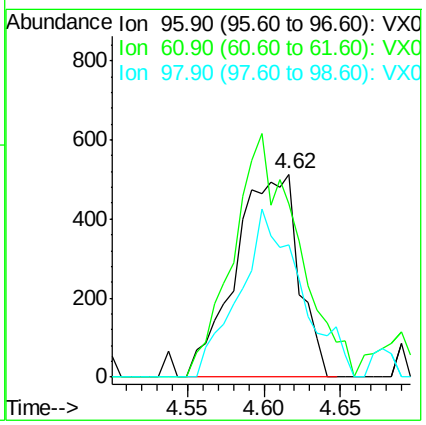


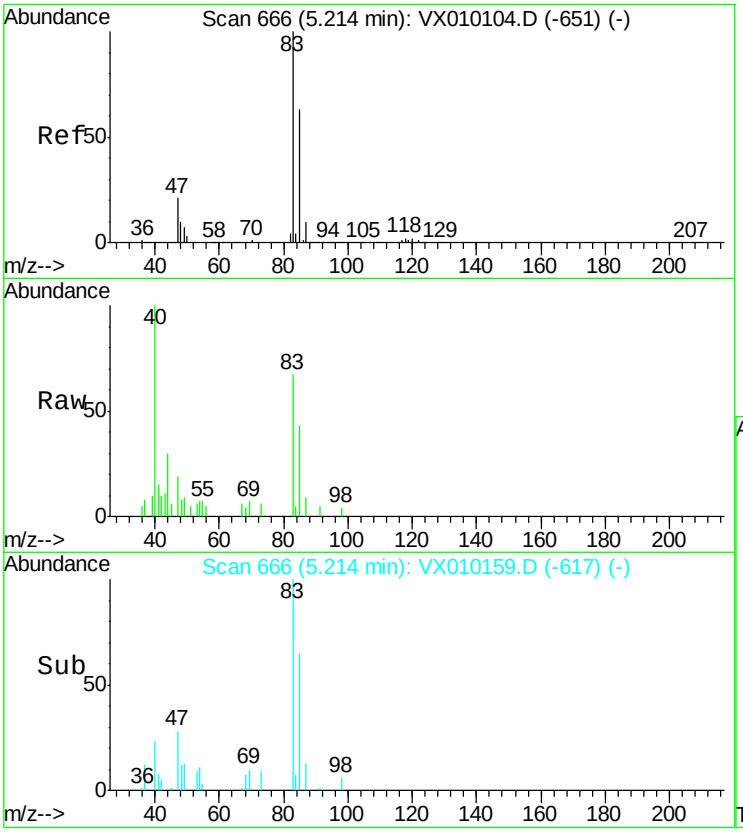


#27
cis-1,2-Dichloroethene
Concen: 0.478 ug/l
RT: 4.62 min Scan# 568
Delta R.T. 0.02 min
Lab File: VX010159.D
Acq: 08 Jun 2019 23:20

Tgt Ion: 96 Resp: 1470

Ion	Ratio	Lower	Upper
96	100		
61	122.6	0.0	334.0
98	80.8	0.0	131.6



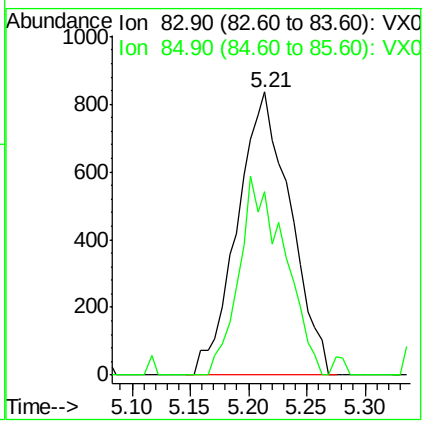


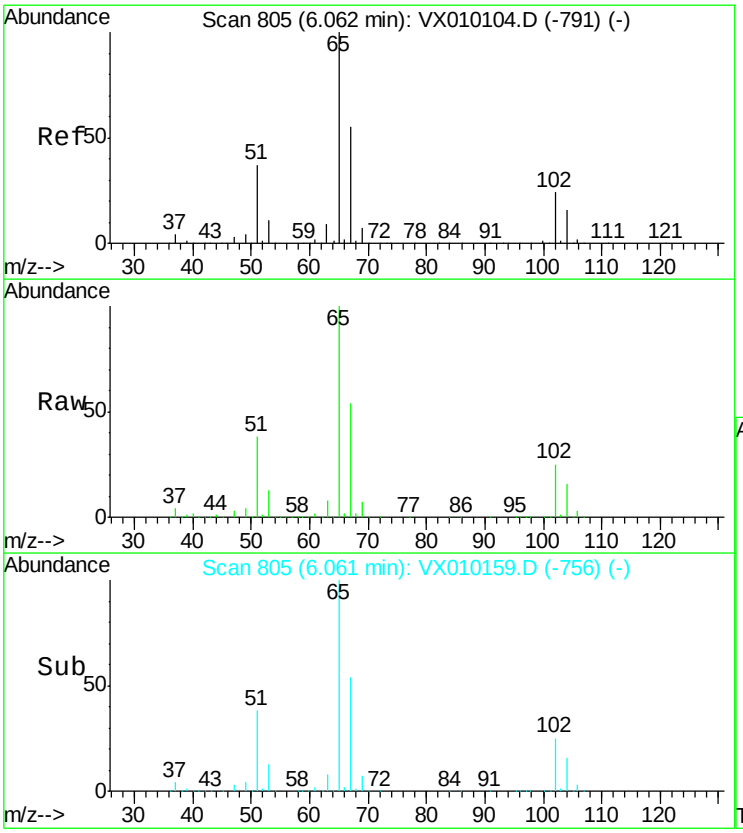
#30
Chloroform
Concen: 0.582 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX010159.D
Acq: 08 Jun 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190605

Tgt Ion: 83 Resp: 2644

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.6	78.8

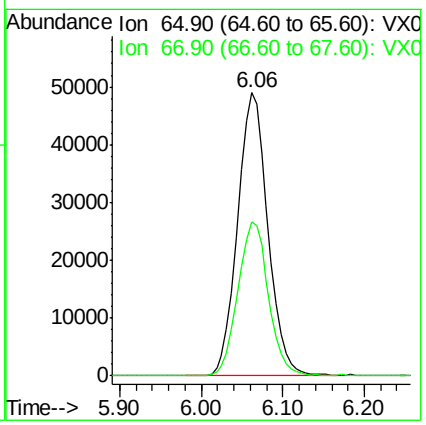


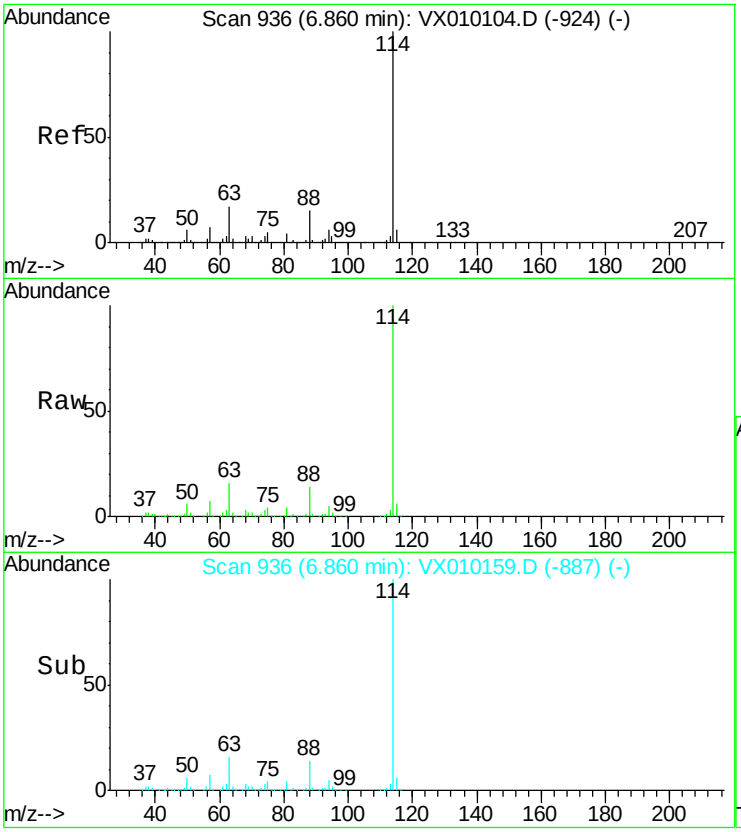


#33
1,2-Dichloroethane-d4
Concen: 46.460 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010159.D
Acq: 08 Jun 2019 23:20

Tgt Ion: 65 Resp: 126096

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	108.4



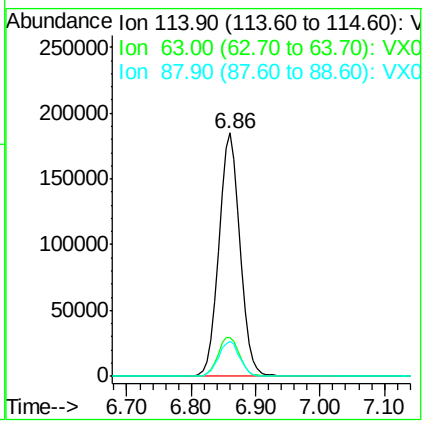


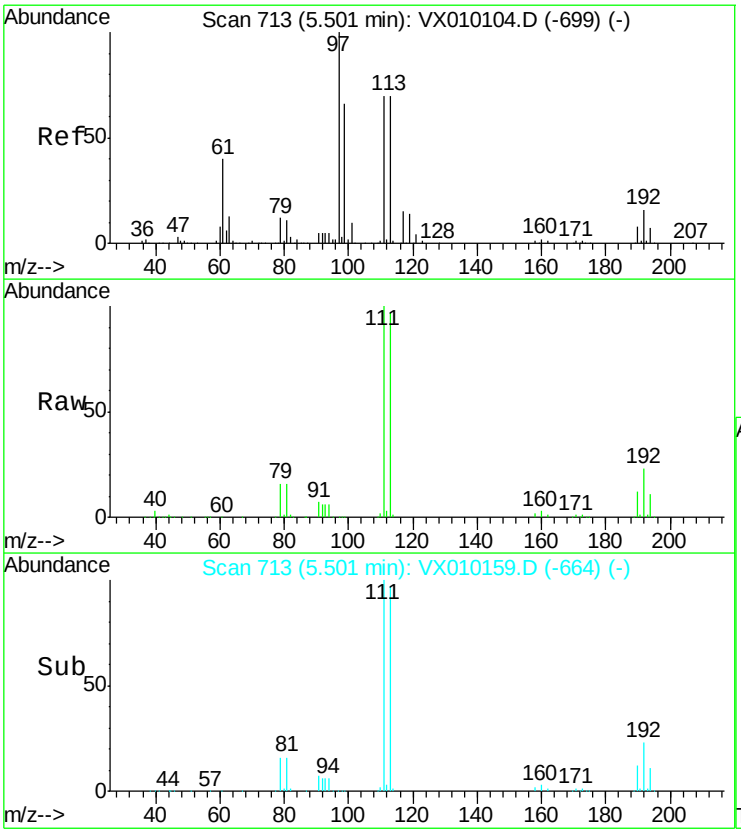
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010159.D
Acq: 08 Jun 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190605

Tgt Ion:114 Resp: 428522

Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	47.4
88	14.3	0.0	33.0

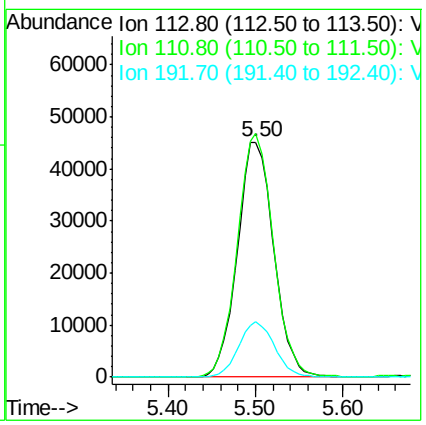


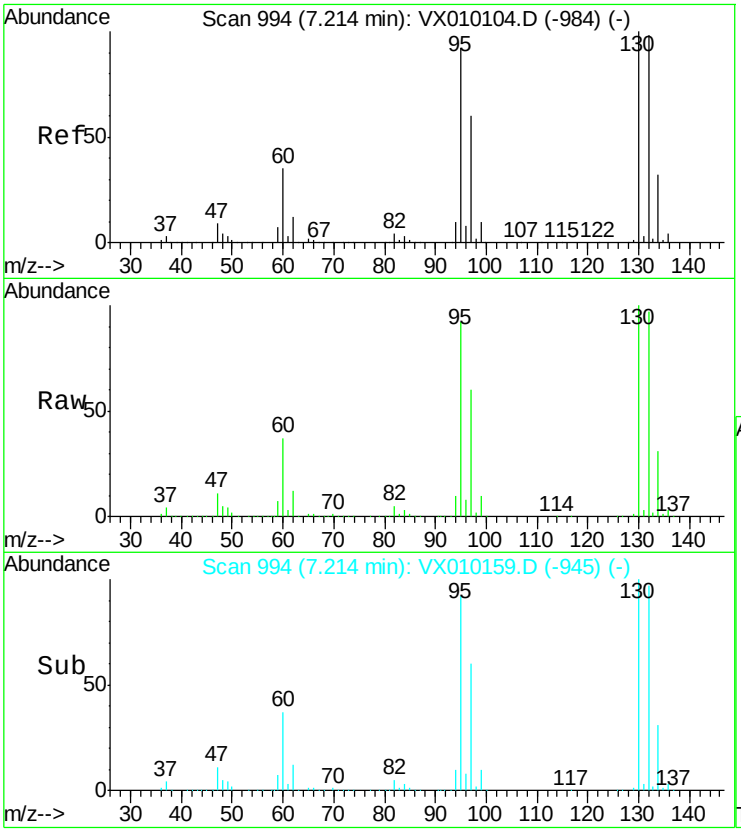


#35
Dibromofluoromethane
Concen: 49.423 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX010159.D
Acq: 08 Jun 2019 23:20

Tgt Ion:113 Resp: 130637

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.2
192	23.3	17.1	25.7



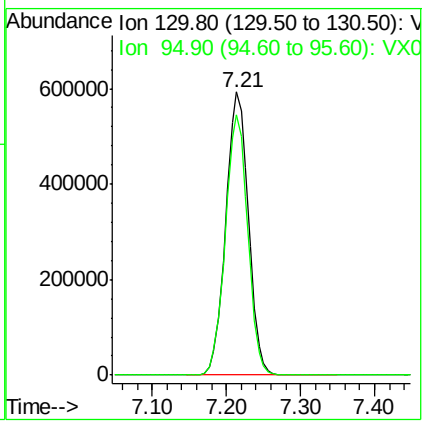


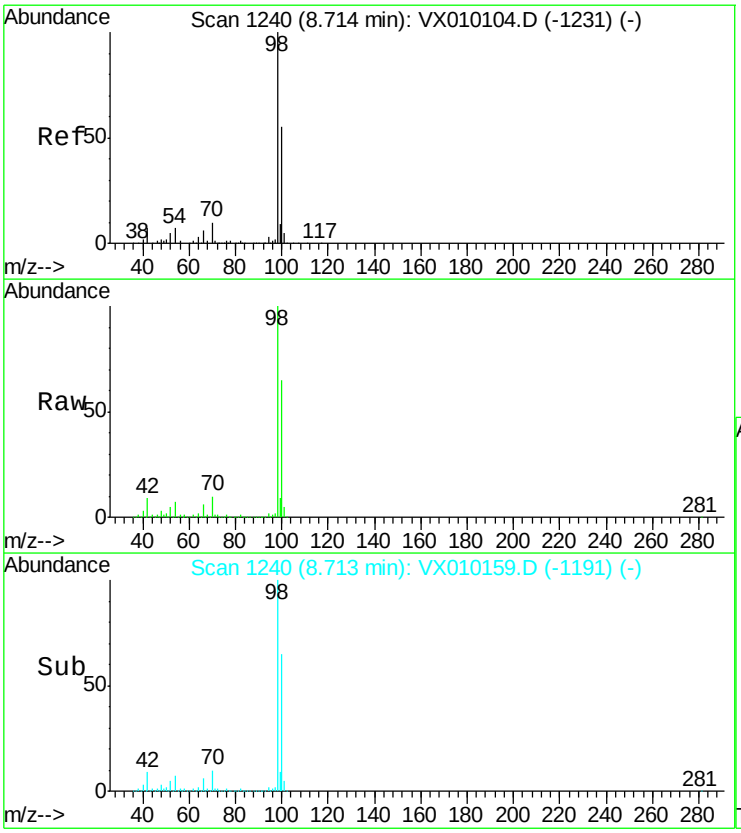
#44
Trichloroethene
Concen: 387.058 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX010159.D
Acq: 08 Jun 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190605

Tgt Ion:130 Resp: 1261276

Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	207.4

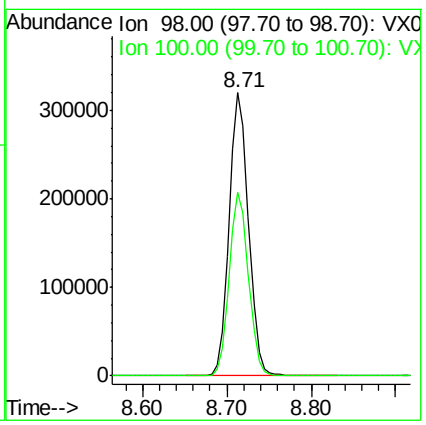


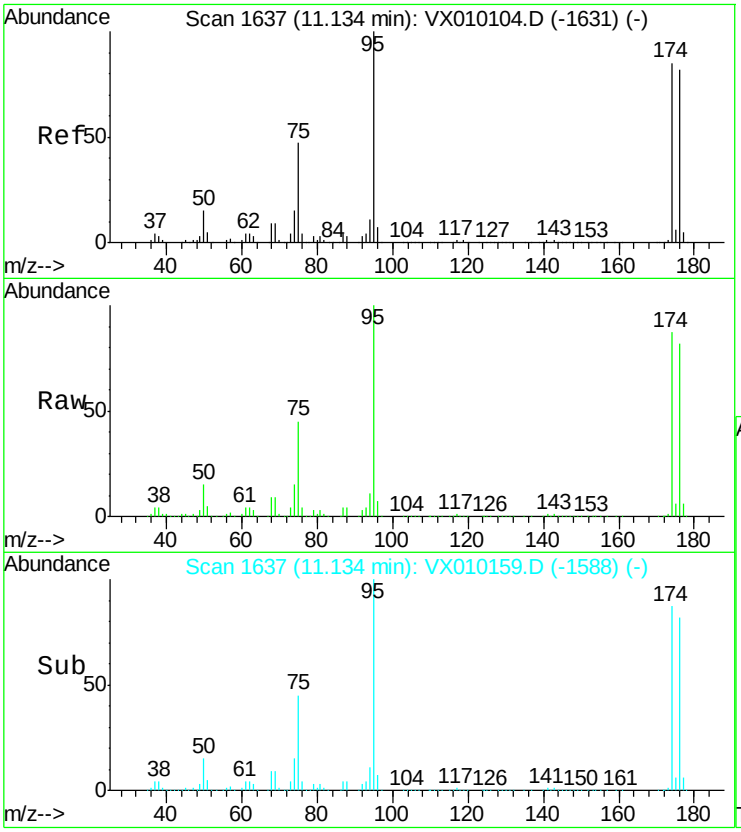


#50
Toluene-d8
Concen: 50.367 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010159.D
Acq: 08 Jun 2019 23:20

Tgt Ion: 98 Resp: 498956

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.5	77.3



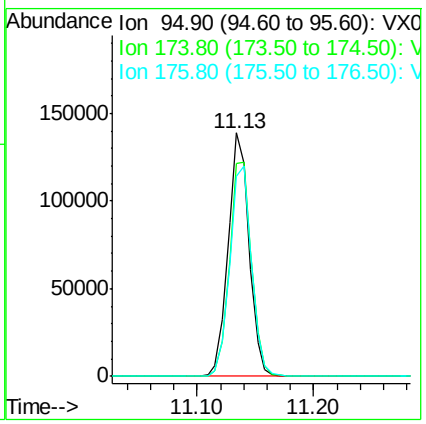


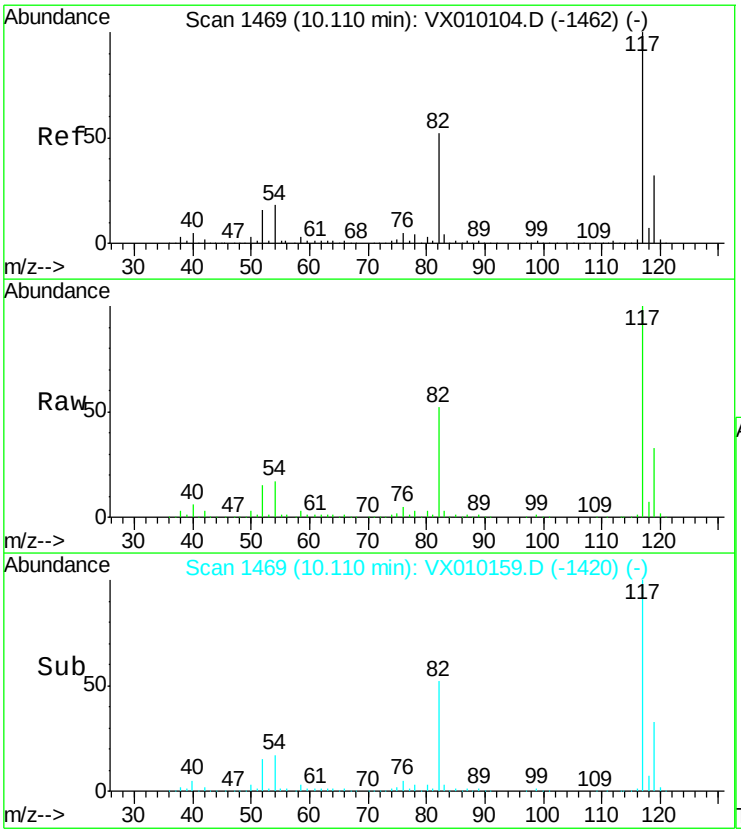
#62
4-Bromofluorobenzene
Concen: 46.984 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010159.D
Acq: 08 Jun 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190605

Tgt Ion: 95 Resp: 173825

Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	160.4
176	89.9	0.0	154.6

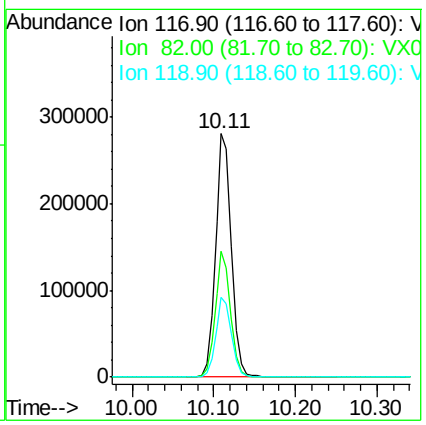


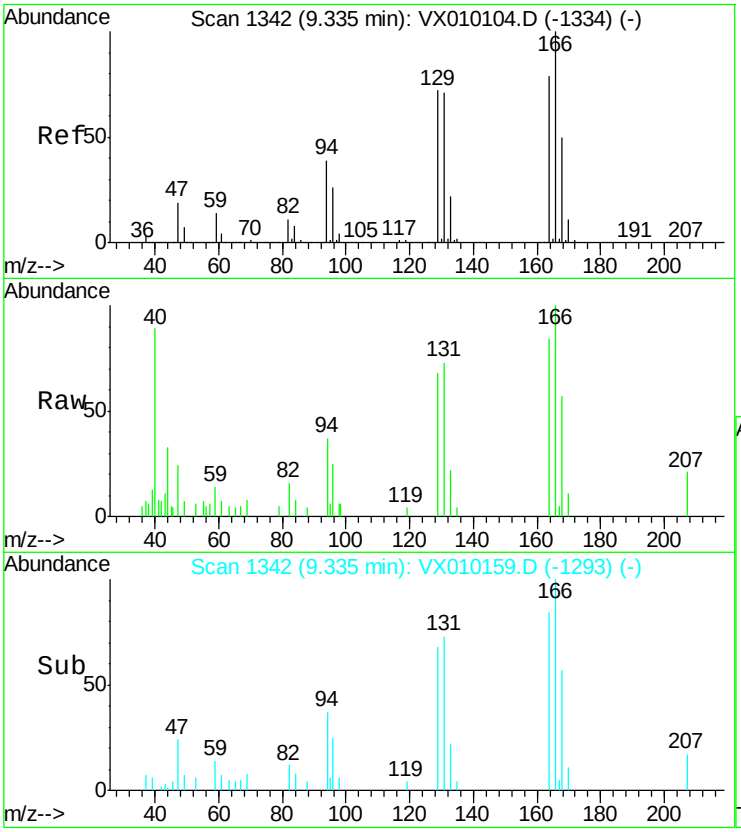


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010159.D
Acq: 08 Jun 2019 23:20

Tgt Ion:117 Resp: 382227

Ion	Ratio	Lower	Upper
117	100		
82	51.6	49.2	73.8
119	32.5	25.2	37.8



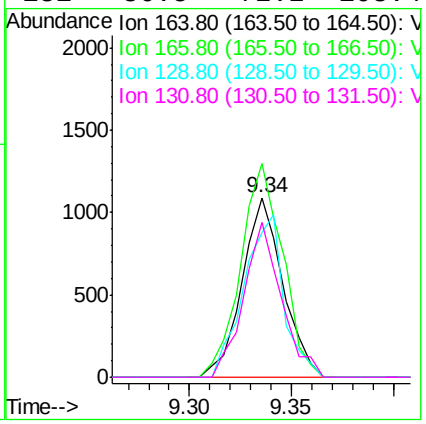


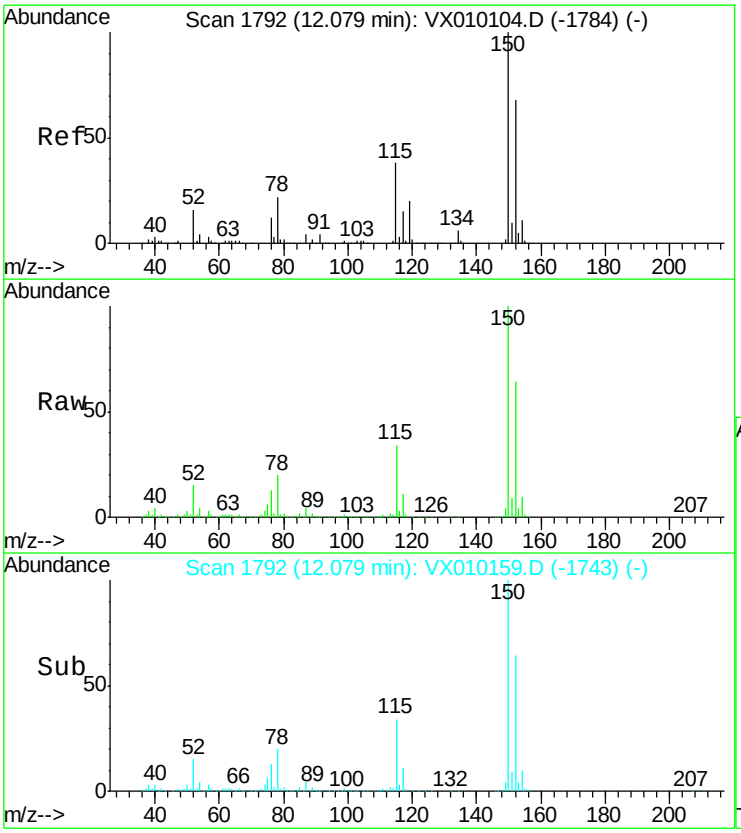
#64
Tetrachloroethene
Concen: 0.533 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010159.D
Acq: 08 Jun 2019 23:20

Instrument :
MSVOA_X
ClientSampleId :
DUP02-20190605

Tgt Ion:164 Resp: 1513

Ion	Ratio	Lower	Upper
164	100		
166	119.2	105.0	157.4
129	80.8	75.1	112.7
131	86.5	72.2	108.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010159.D
Acq: 08 Jun 2019 23:20

Tgt Ion:152 Resp: 179890

Ion	Ratio	Lower	Upper
152	100		
115	54.2	41.4	124.2
150	156.0	0.0	345.2