Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060819\
Data File : VX010161.D
Acq On : 09 Jun 2019 00:07
Operator : JC/SP
Sample : K3257-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : RE131D2-20190606

Quant Time: Jun 10 10:40:29 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	275964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	422338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	381376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179529	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125057	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.86%			
35) Dibromofluoromethane	5.49	113	129974	49.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.78%			
50) Toluene-d8	8.71	98	498557	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.12%			
62) 4-Bromofluorobenzene	11.13	95	172315	47.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.52%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.39	101	461722	190.256	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	14687	4.813	ug/l	71
44) Trichloroethene	7.21	130	273049	85.020	ug/l	85
49) 1,4-Dioxane	7.75	88	2095	26.212	ug/l	90
64) Tetrachloroethene	9.34	164	36129	12.755	ug/l	97

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

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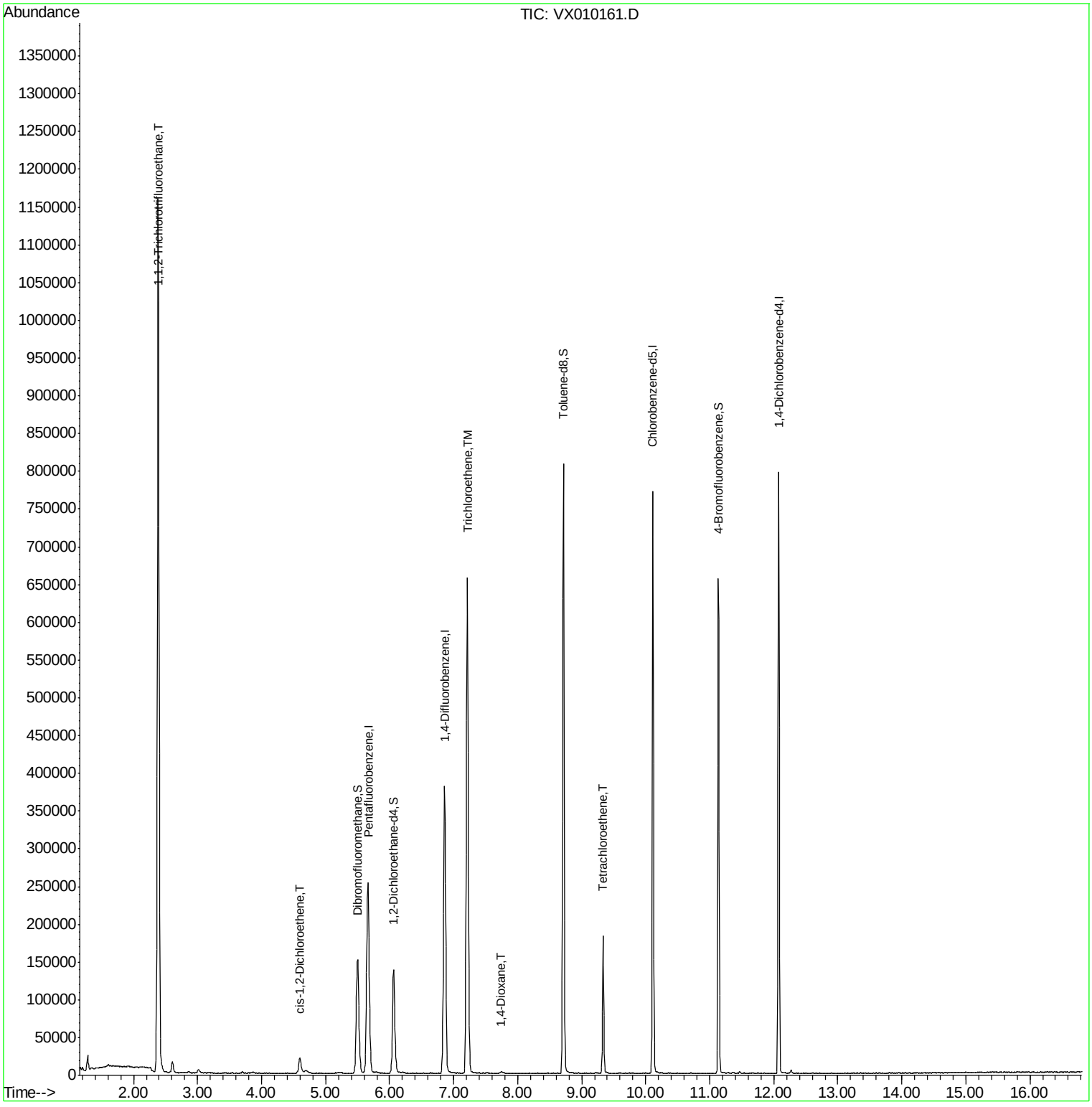
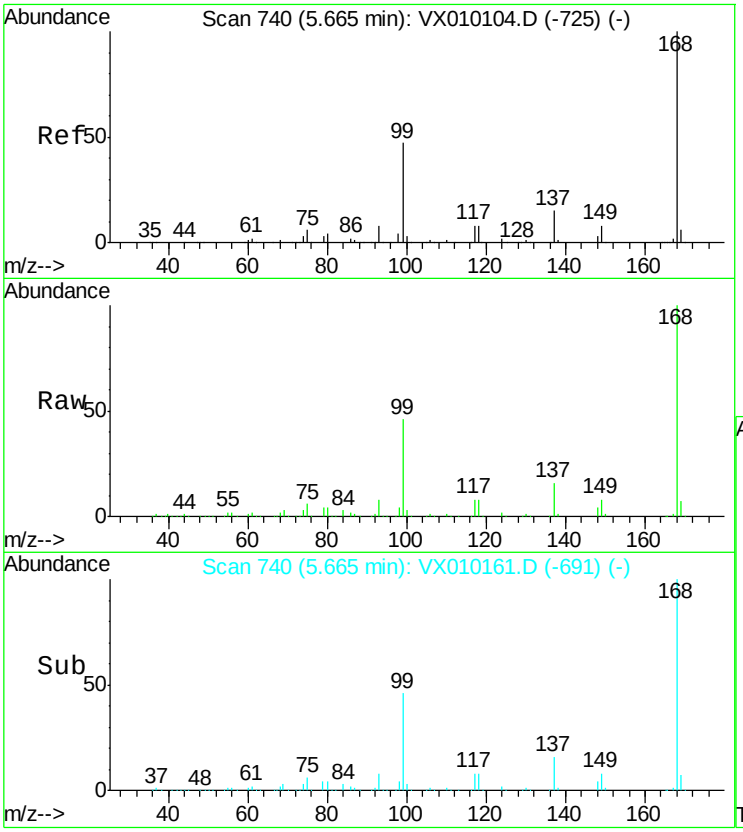


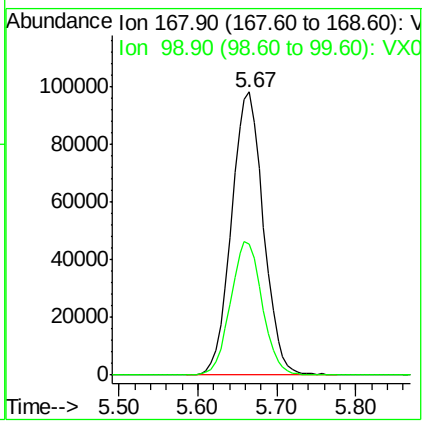


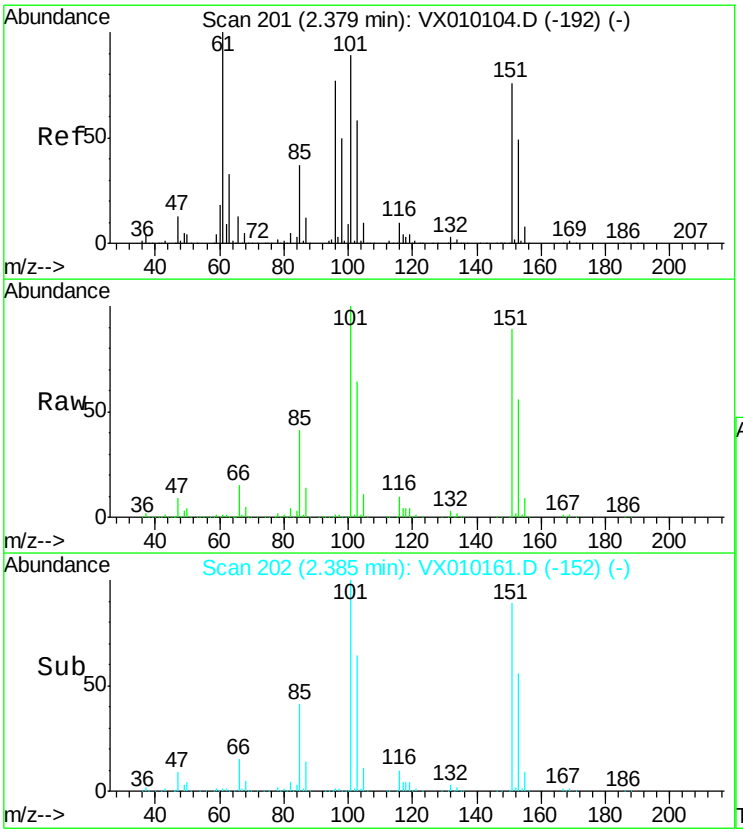
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20190606

Tgt Ion:168 Resp: 275964

Ion	Ratio	Lower	Upper
168	100		
99	46.2	43.0	64.6

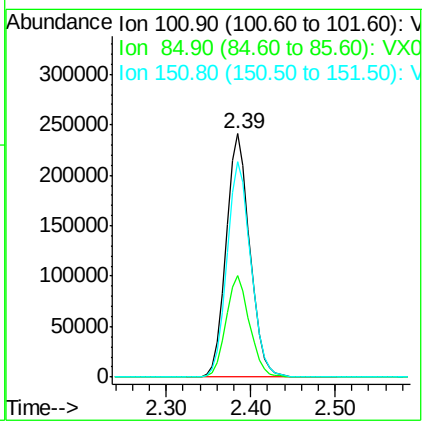


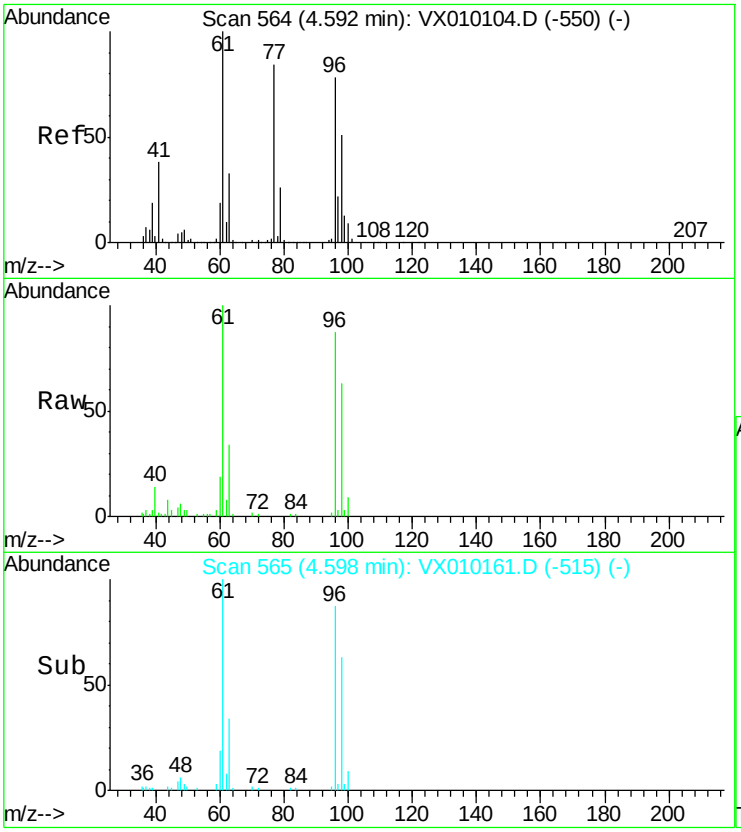


#9
1,1,2-Trichlorotrifluoroethane
Concen: 190.256 ug/l
RT: 2.39 min Scan# 202
Delta R.T. 0.01 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Tgt Ion:101 Resp: 461722

Ion	Ratio	Lower	Upper
101	100		
85	41.2	35.2	52.8
151	88.7	61.9	92.9



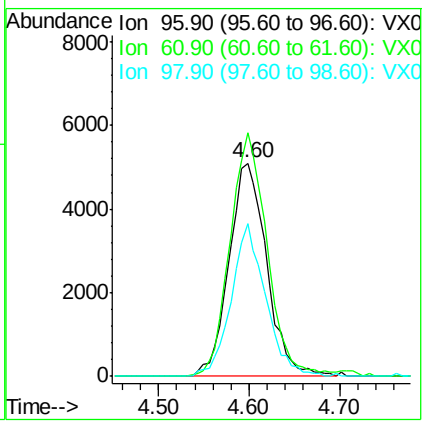


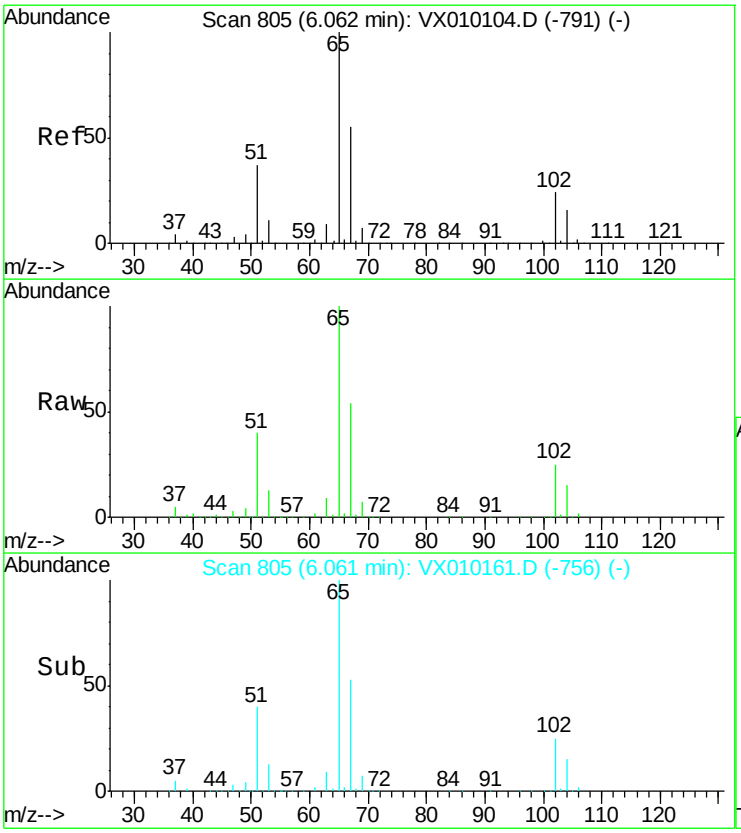
#27
cis-1,2-Dichloroethene
Concen: 4.813 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20190606

Tgt Ion: 96 Resp: 14687

Ion	Ratio	Lower	Upper
96	100		
61	112.4	0.0	334.0
98	65.1	0.0	131.6

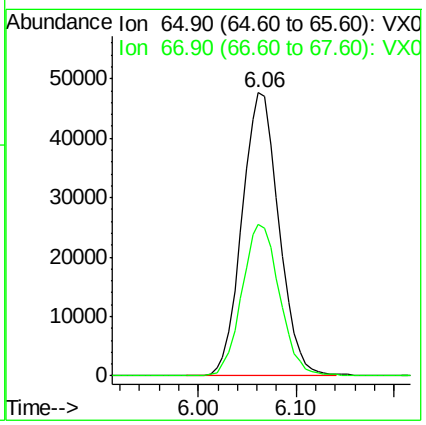


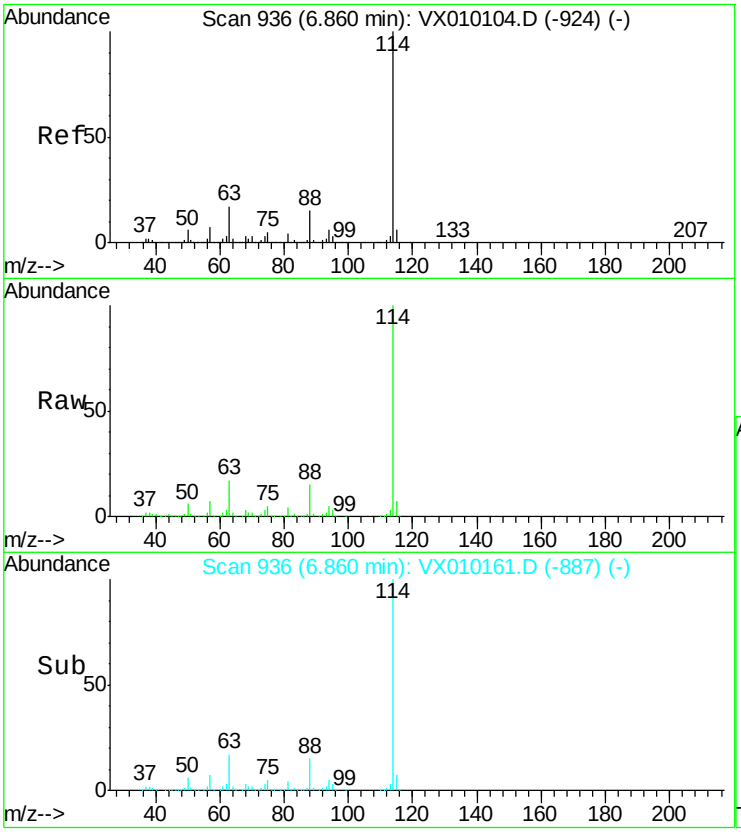


#33
1,2-Dichloroethane-d4
Concen: 46.425 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Tgt Ion: 65 Resp: 125057

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	108.4



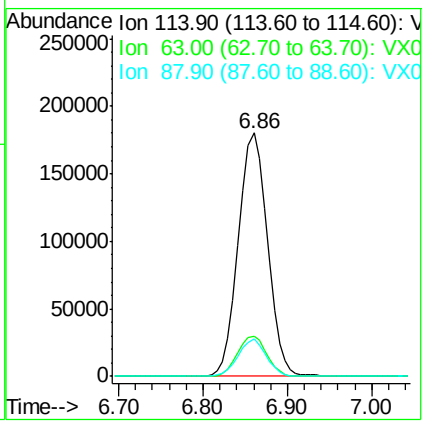


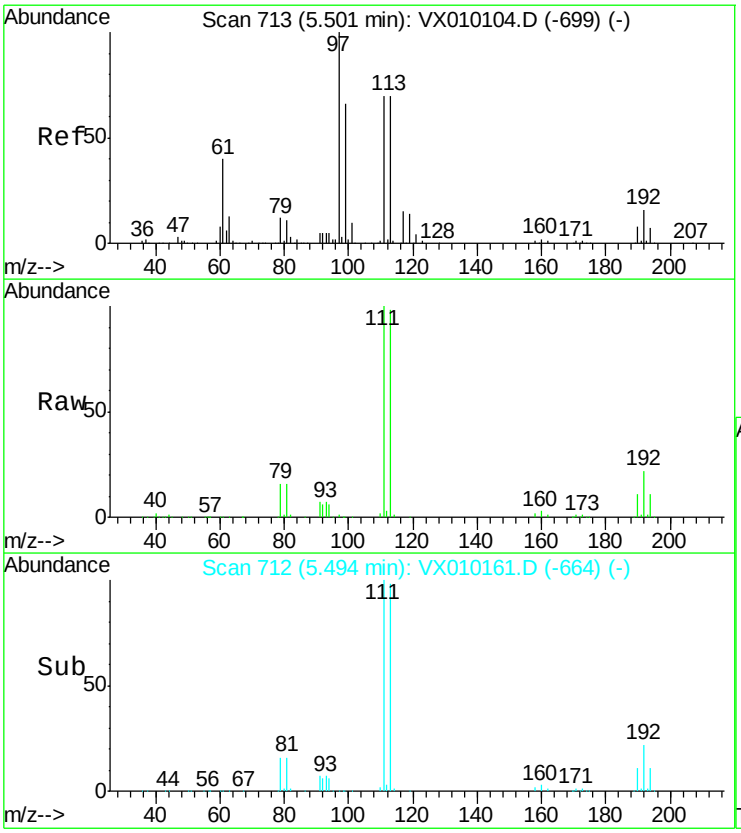
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20190606

Tgt Ion:114 Resp: 422338

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	47.4
88	15.5	0.0	33.0

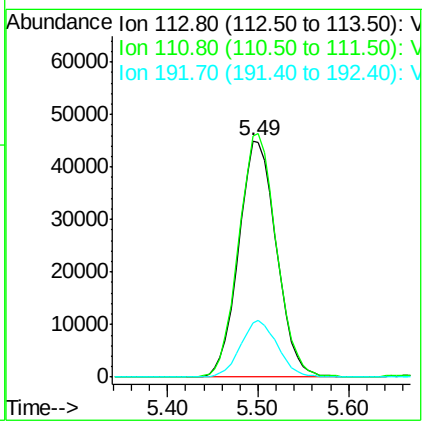


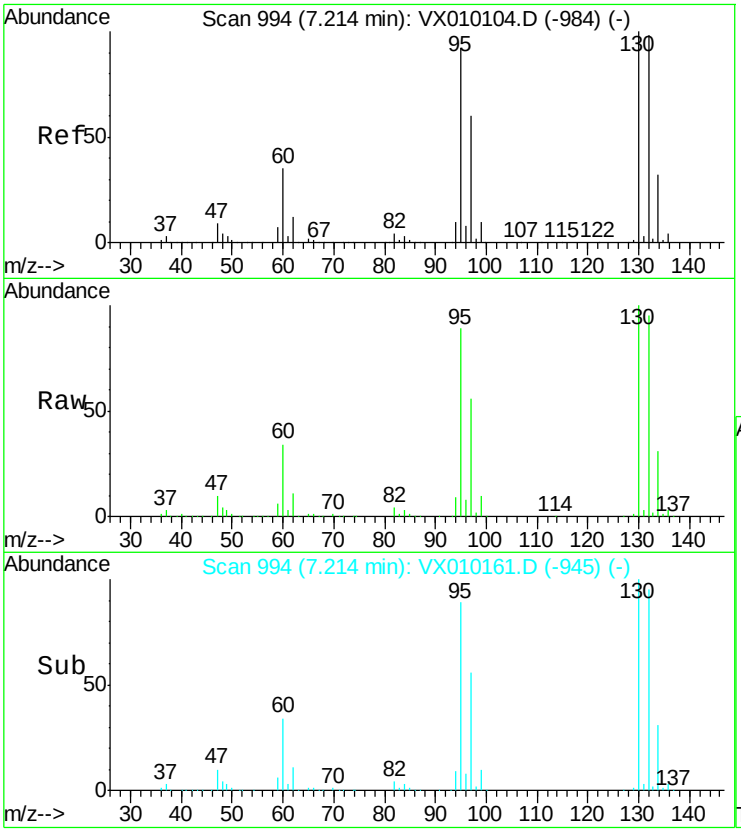


#35
Dibromofluoromethane
Concen: 49.893 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Tgt Ion:113 Resp: 129974

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.2
192	23.3	17.1	25.7



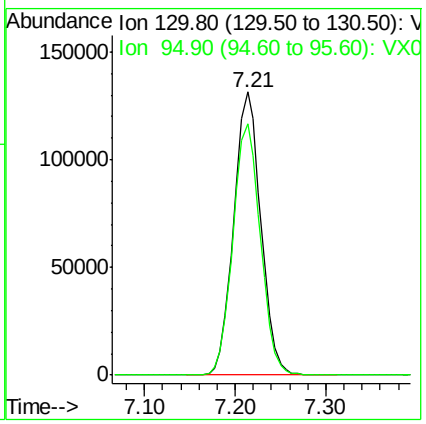


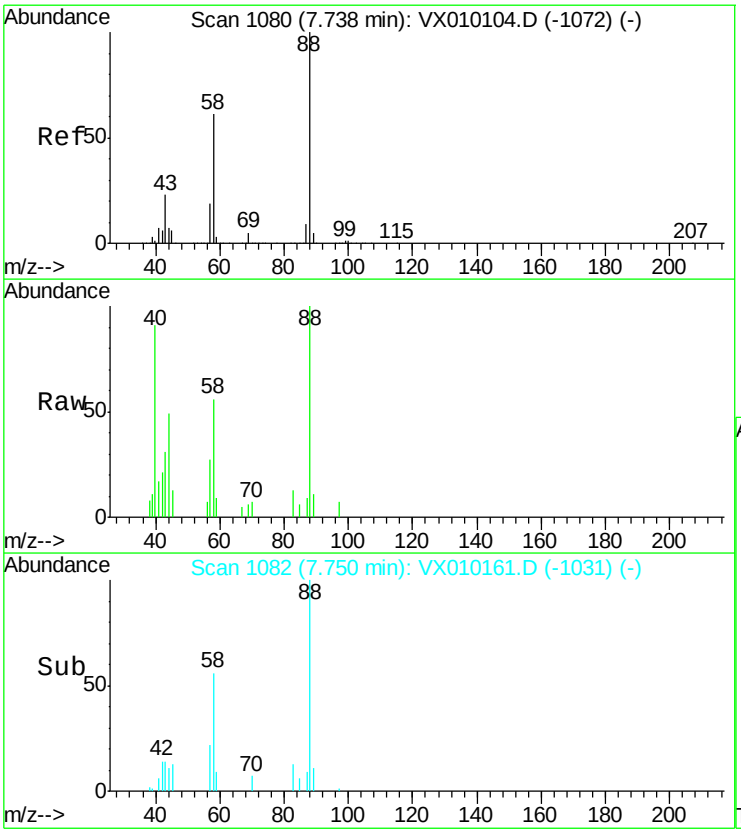
#44
Trichloroethene
Concen: 85.020 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20190606

Tgt Ion:130 Resp: 273049

Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	207.4

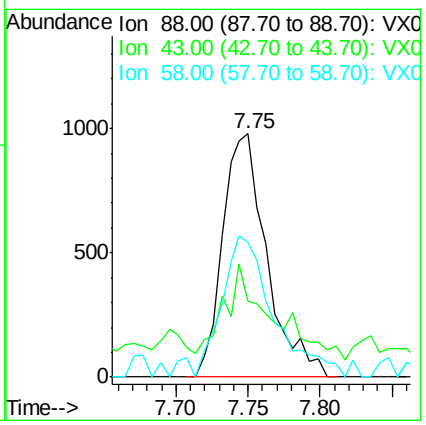


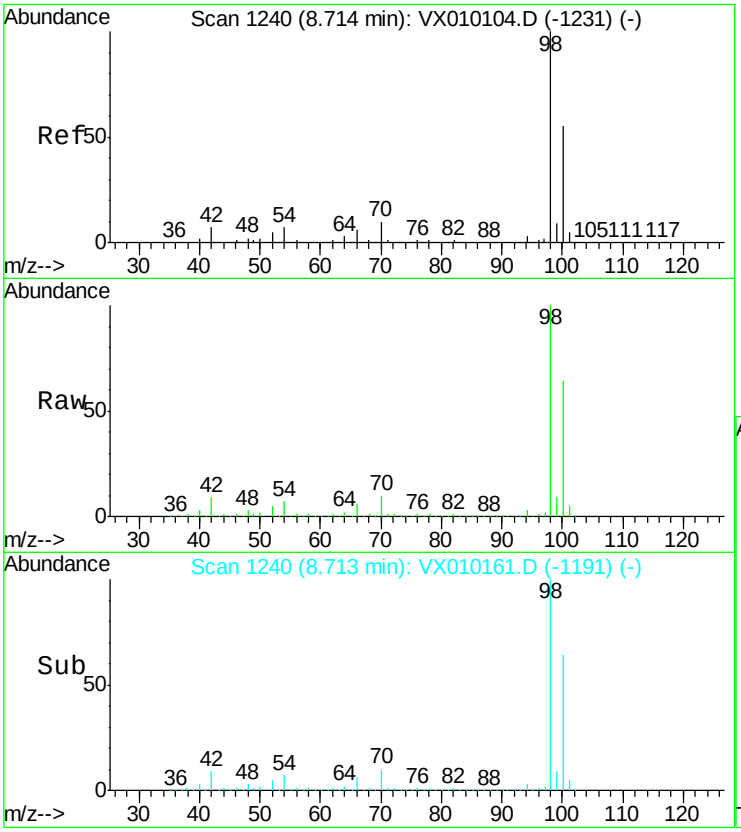


#49
1,4-Dioxane
Concen: 26.212 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Tgt Ion: 88 Resp: 2095

Ion	Ratio	Lower	Upper
88	100		
43	42.0	30.2	45.4
58	69.7	64.0	96.0



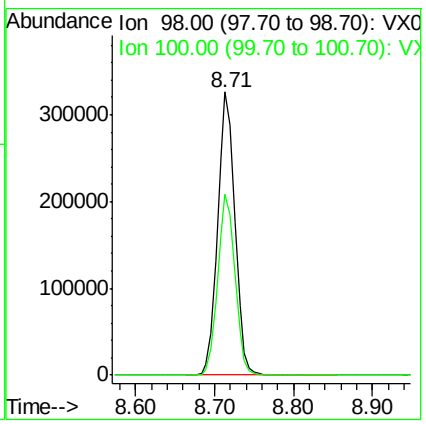


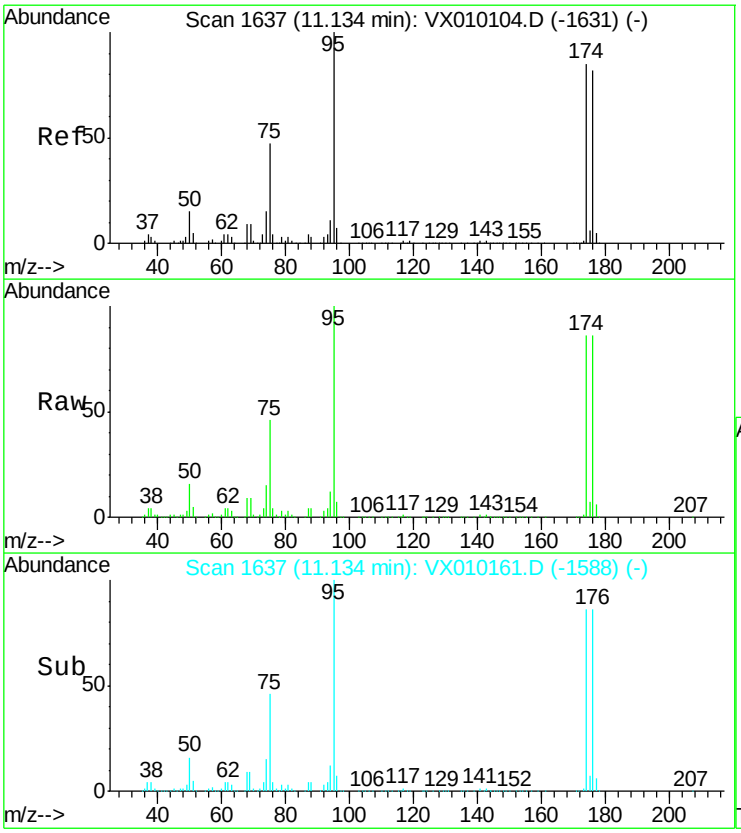
#50
Toluene-d8
Concen: 51.064 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Instrument : MSVOA_X
ClientSampleId : RE131D2-20190606

Tgt Ion: 98 Resp: 498557

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3

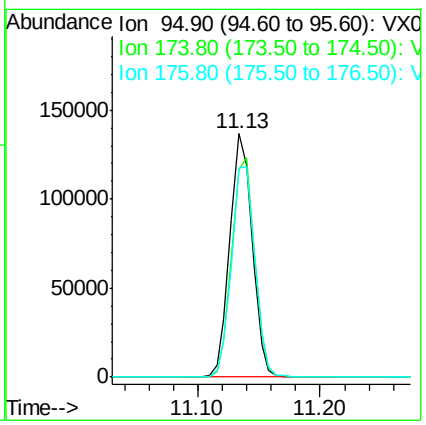


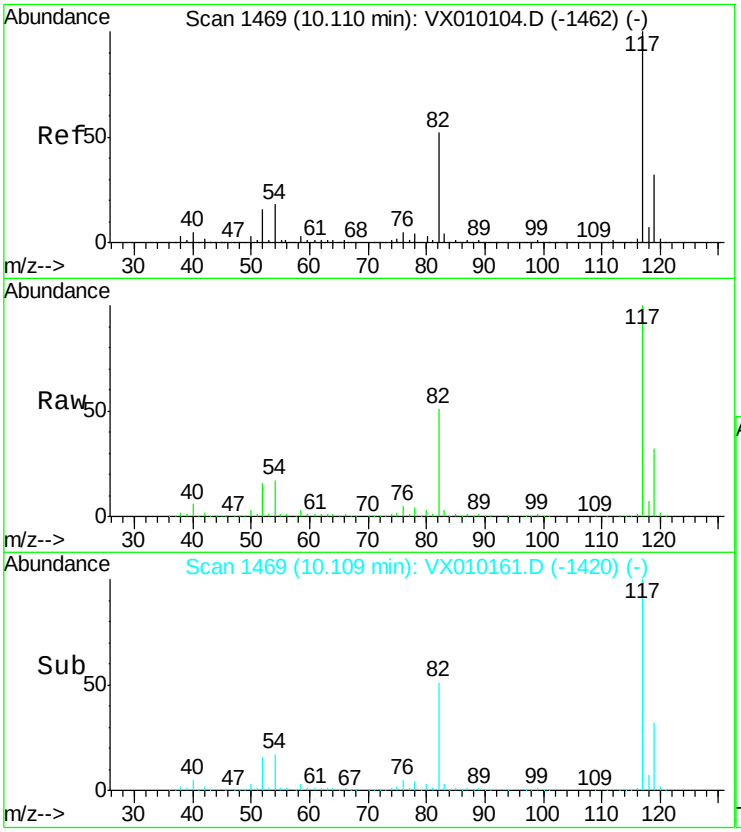


#62
4-Bromofluorobenzene
Concen: 47.258 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Tgt Ion: 95 Resp: 172315

Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	160.4
176	90.3	0.0	154.6



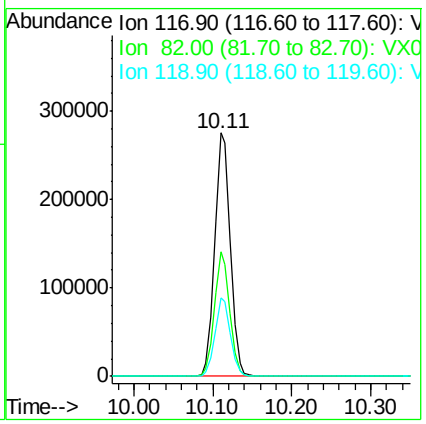


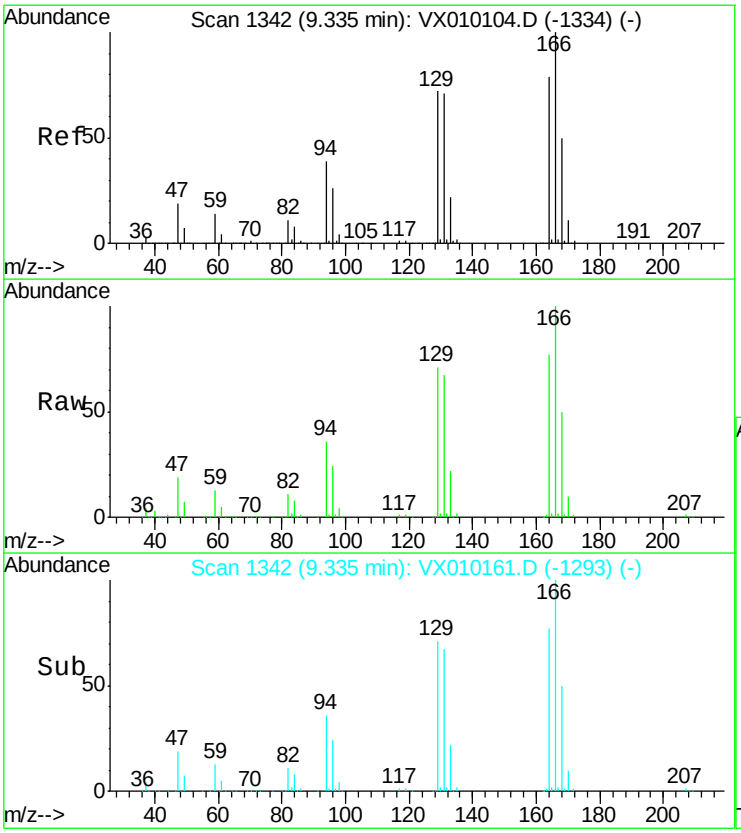
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Instrument : MSVOA_X
ClientSampleId : RE131D2-20190606

Tgt Ion:117 Resp: 381376

Ion	Ratio	Lower	Upper
117	100		
82	50.9	49.2	73.8
119	32.2	25.2	37.8

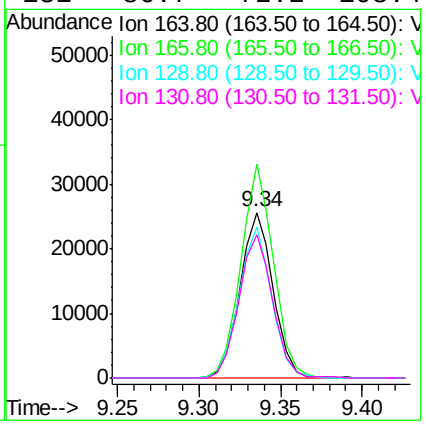


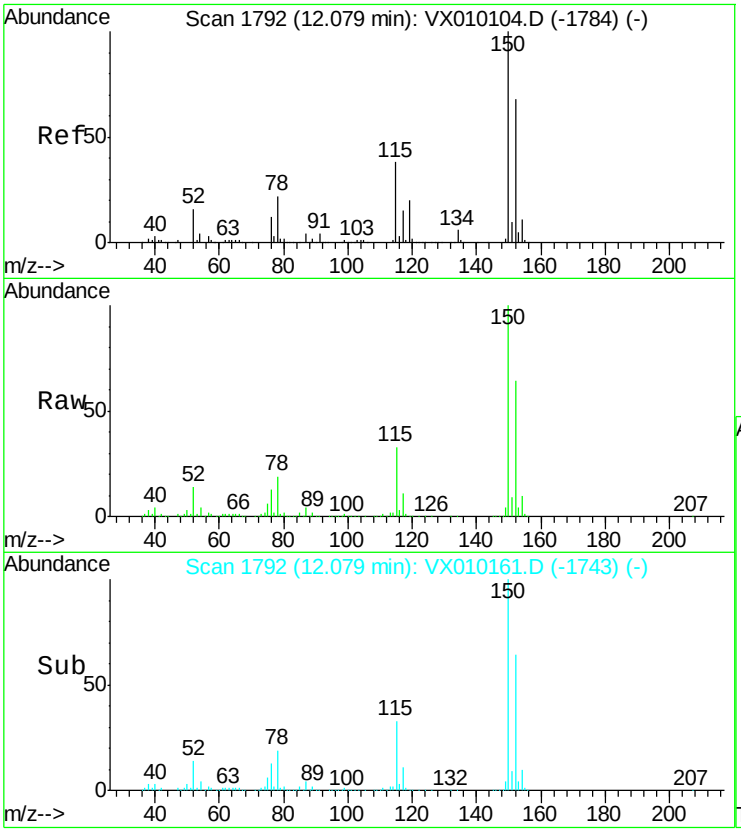


#64
Tetrachloroethene
Concen: 12.755 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010161.D
Acq: 09 Jun 2019 00:07

Tgt Ion:164 Resp: 36129

Ion	Ratio	Lower	Upper
164	100		
166	129.3	105.0	157.4
129	91.3	75.1	112.7
131	86.7	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: VX010161.D
Acq: 09 Jun 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20190606

Tgt Ion:152 Resp: 179529

Ion	Ratio	Lower	Upper
152	100		
115	53.3	41.4	124.2
150	155.8	0.0	345.2