Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX011994.D
Acq On : 01 Sep 2019 16:08
Operator : SY/SP
Sample : K4528-17
Misc : 5.62g/5.0mL/MSVOA_X/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T9-12-13-S3-(1.9)

Quant Time: Sep 02 03:54:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	392354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	503473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	373677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	159543	42.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.88%			
35) Dibromofluoromethane	5.48	113	149684	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.72%			
50) Toluene-d8	8.71	98	538227	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.28%			
62) 4-Bromofluorobenzene	11.14	95	148817	29.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 58.80%			
Target Compounds						Qvalue
10) Methyl Iodide	2.51	142	807	3.907	ug/l #	90
11) Tert butyl alcohol	3.02	59	1739	4.808	ug/l #	82
16) Acetone	2.43	43	3547	4.385	ug/l #	87
20) Methylene Chloride	2.84	84	13985	Below Cal		91
29) Tetrahydrofuran	5.12	42	3480	4.733	ug/l #	78
36) 1,1-Dichloropropene	5.65	75	23400	5.867	ug/l #	51
38) Carbon Tetrachloride	5.65	117	33053	7.145	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	73476	58.995	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	73476	148.206	ug/l #	11

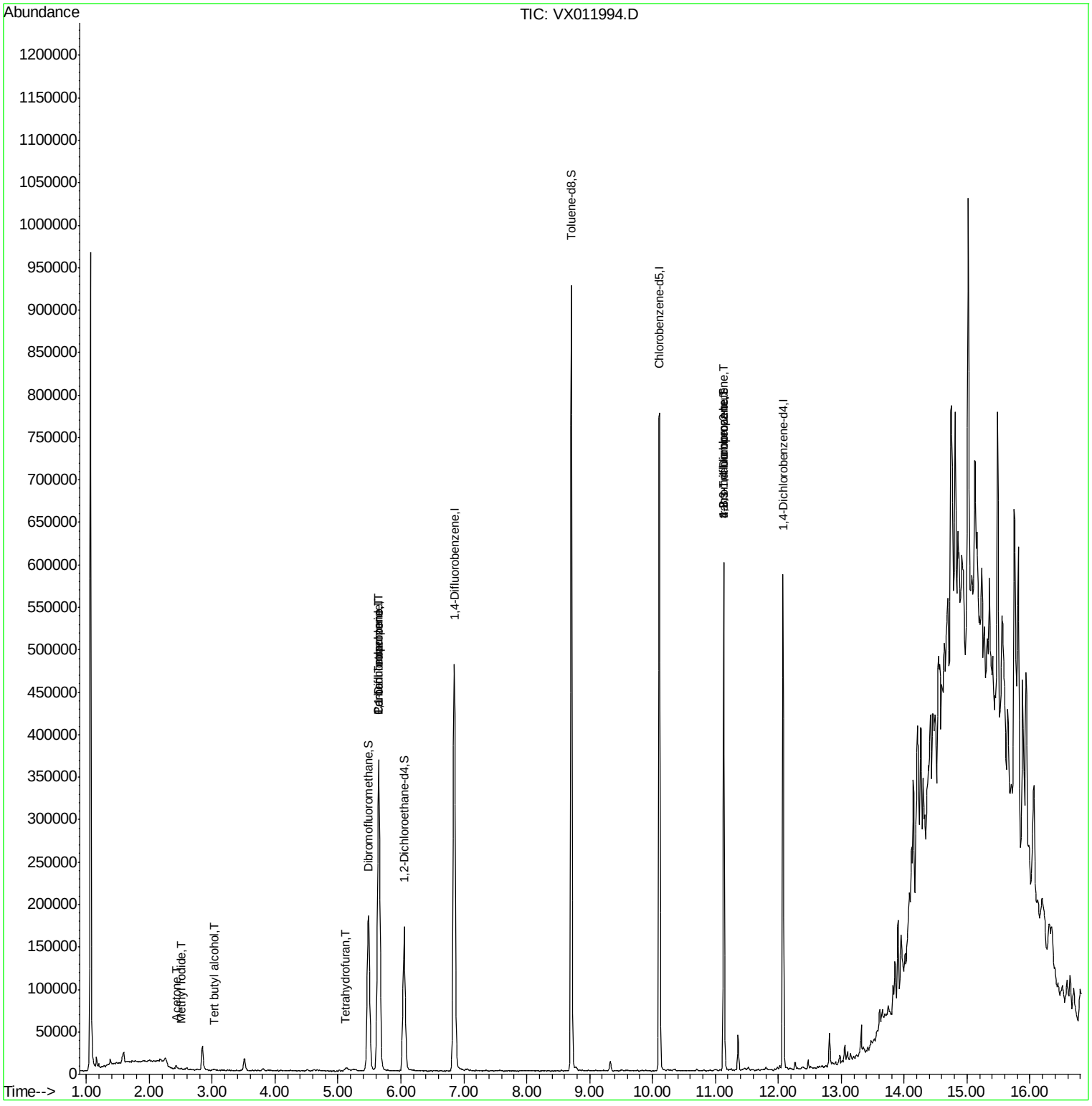
(#) = qualifier out of range (m) = manual integration (+) = signals summed

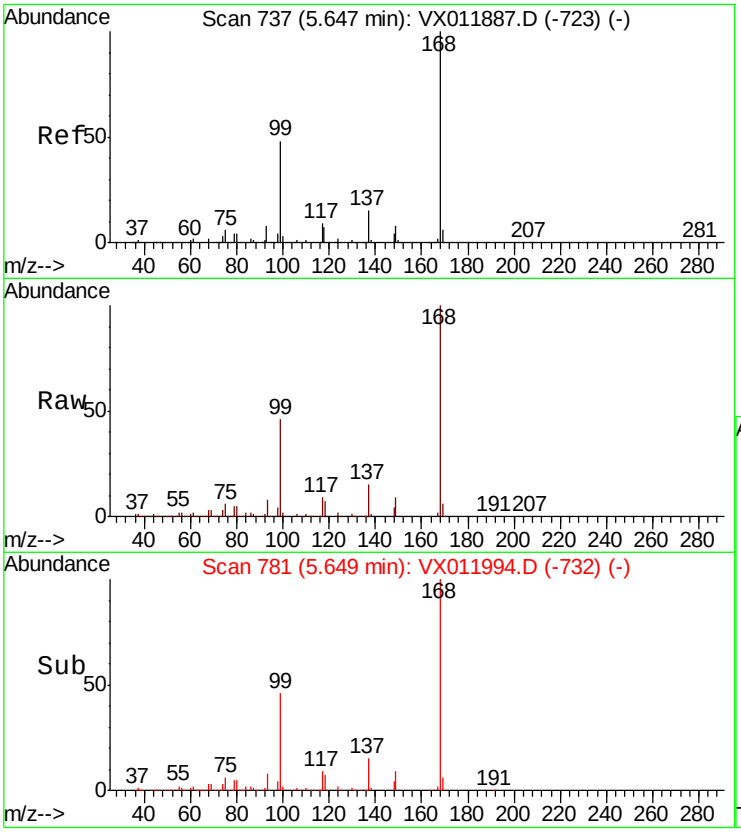
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX011994.D
Acq On : 01 Sep 2019 16:08
Operator : SY/SP
Sample : K4528-17
Misc : 5.62g/5.0mL/MSVOA_X/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S3-(1.9)

Quant Time: Sep 02 03:54:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration



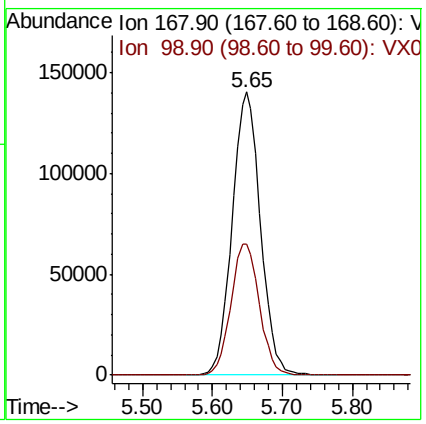


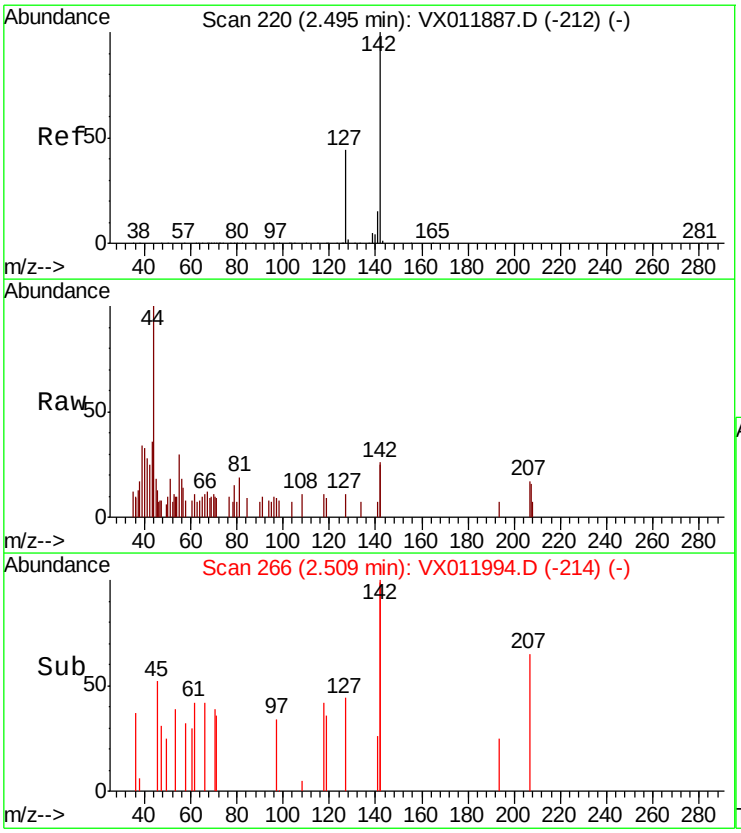
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S3-(1.9)

Tgt Ion:168 Resp: 392354

Ion	Ratio	Lower	Upper
168	100		
99	46.5	38.4	57.6

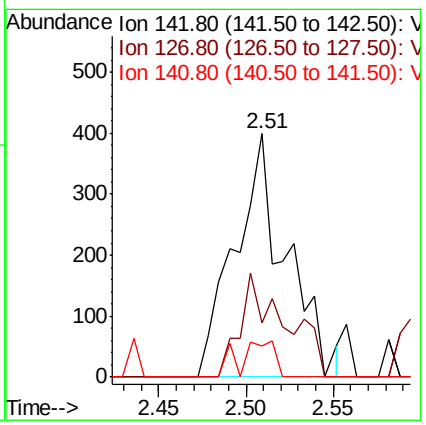


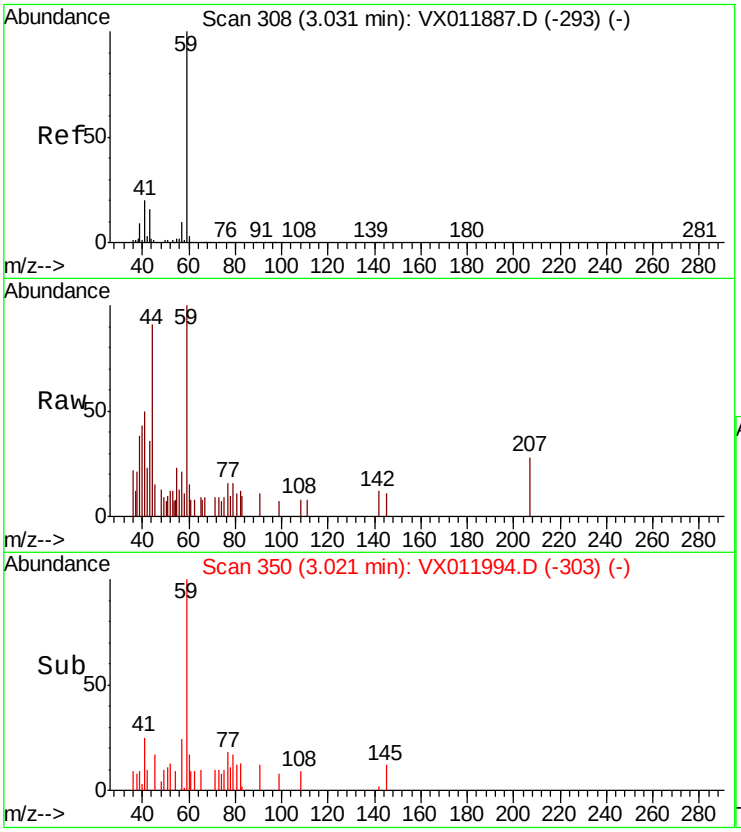


#10
Methyl Iodide
Concen: 3.907 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Tgt Ion:142 Resp: 807

Ion	Ratio	Lower	Upper
142	100		
127	38.0	35.7	53.5
141	10.2	11.8	17.6#



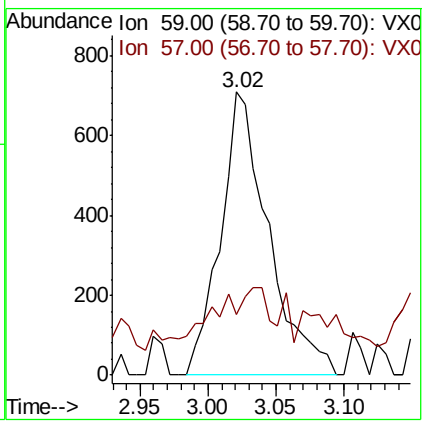


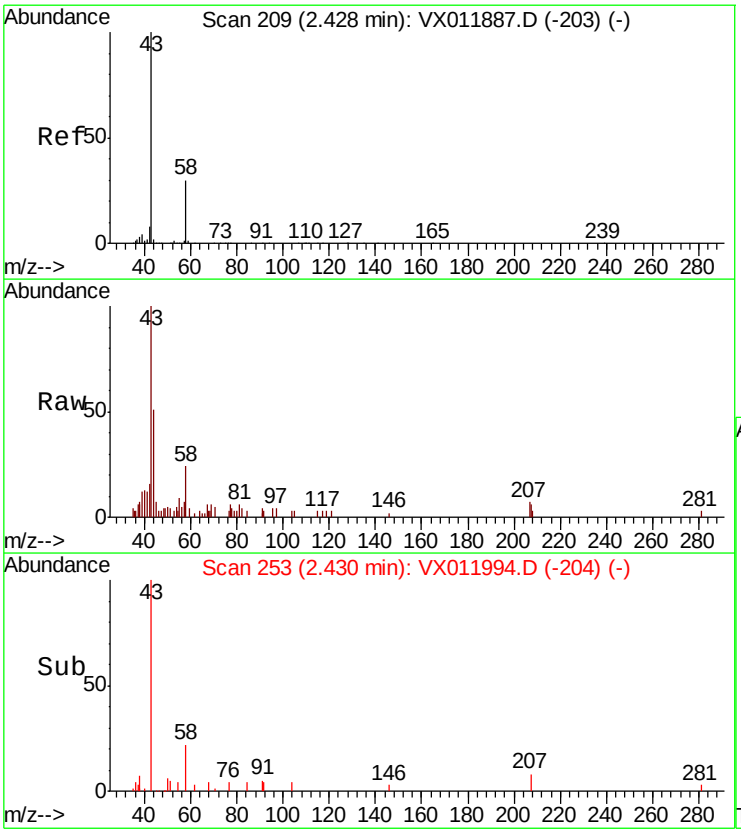
#11
Tert butyl alcohol
Concen: 4.808 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S3-(1.9)

Tgt Ion: 59 Resp: 1739

Ion	Ratio	Lower	Upper
59	100		
57	17.5	8.6	12.8#

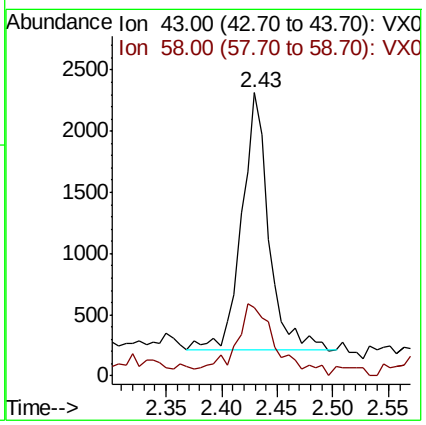


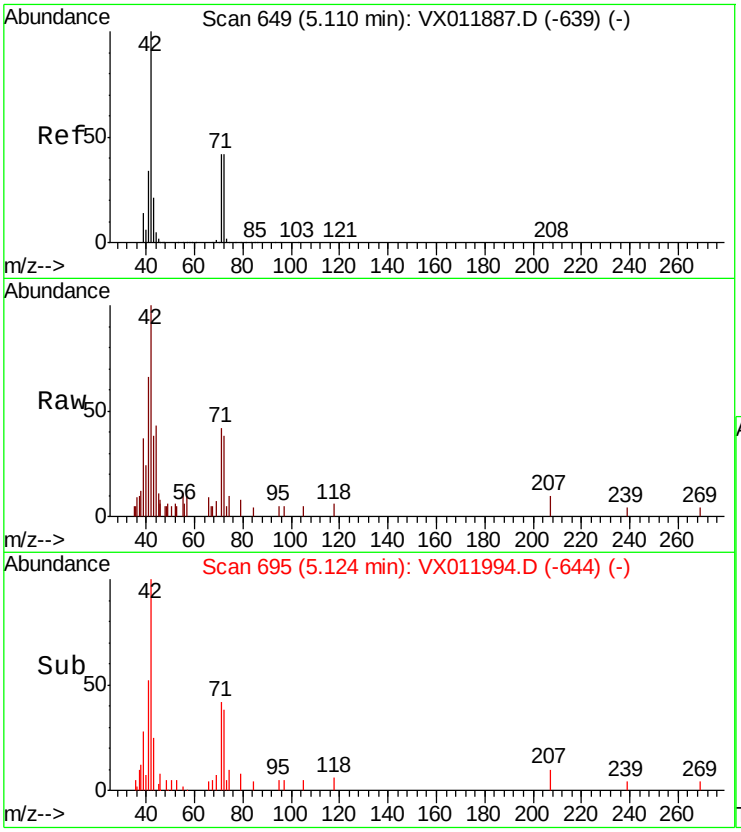


#16
Acetone
Concen: 4.385 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Tgt Ion: 43 Resp: 3547

Ion	Ratio	Lower	Upper
43	100		
58	23.0	23.8	35.8#



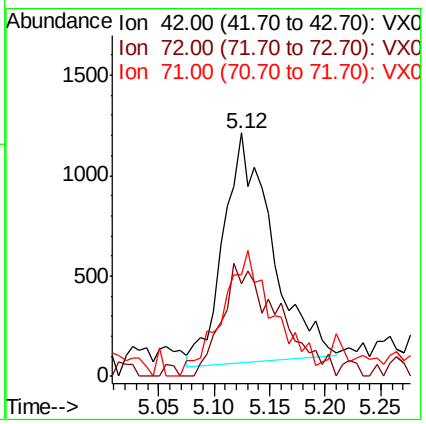


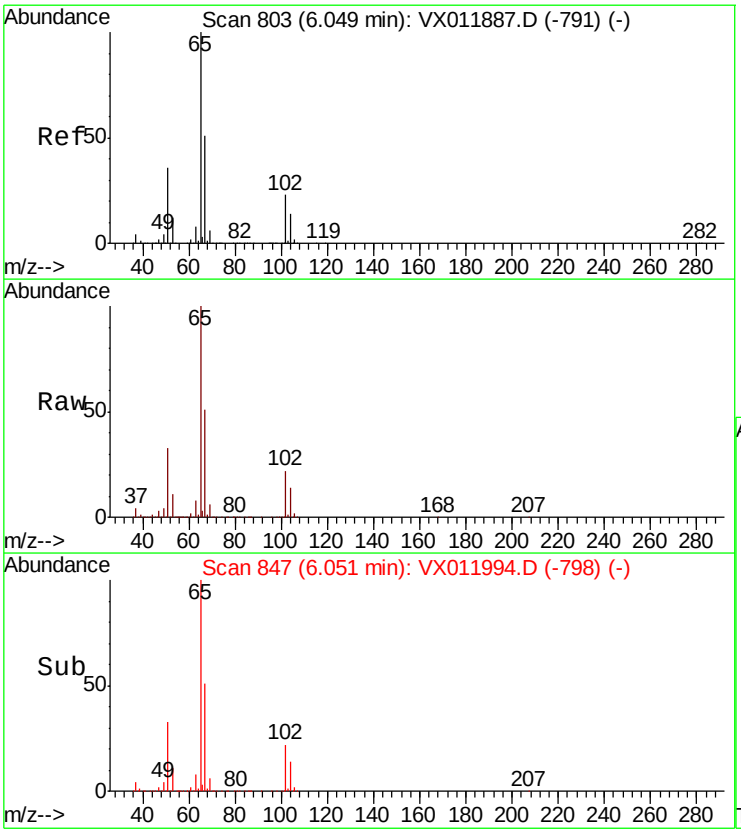
#29
Tetrahydrofuran
Concen: 4.733 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S3-(1.9)

Tgt Ion: 42 Resp: 3480

Ion	Ratio	Lower	Upper
42	100		
72	56.6	36.2	54.4#
71	58.4	33.1	49.7#

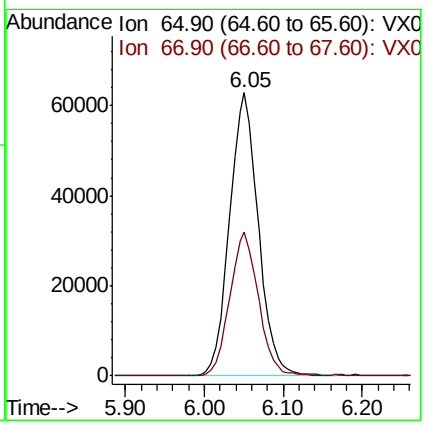


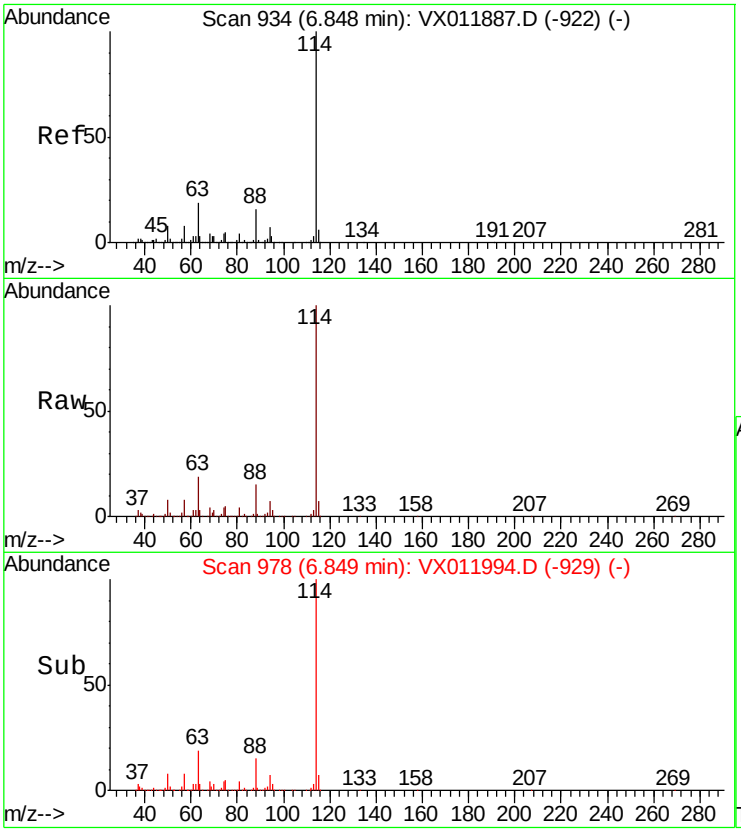


#33
1,2-Dichloroethane-d4
Concen: 42.441 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Tgt Ion: 65 Resp: 159543

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	102.2



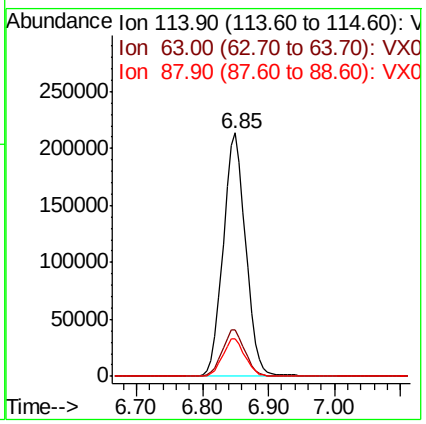


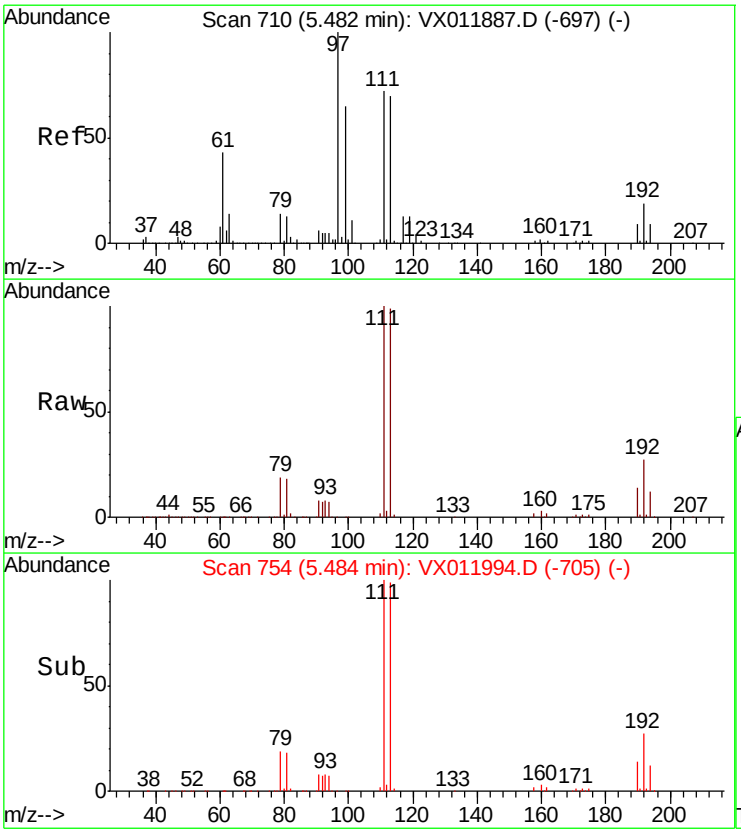
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S3-(1.9)

Tgt Ion:114 Resp: 503473

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.8
88	15.2	0.0	31.2

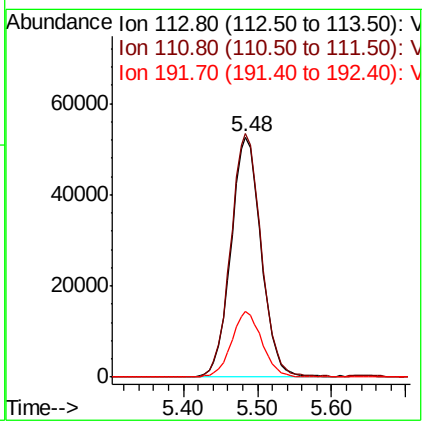


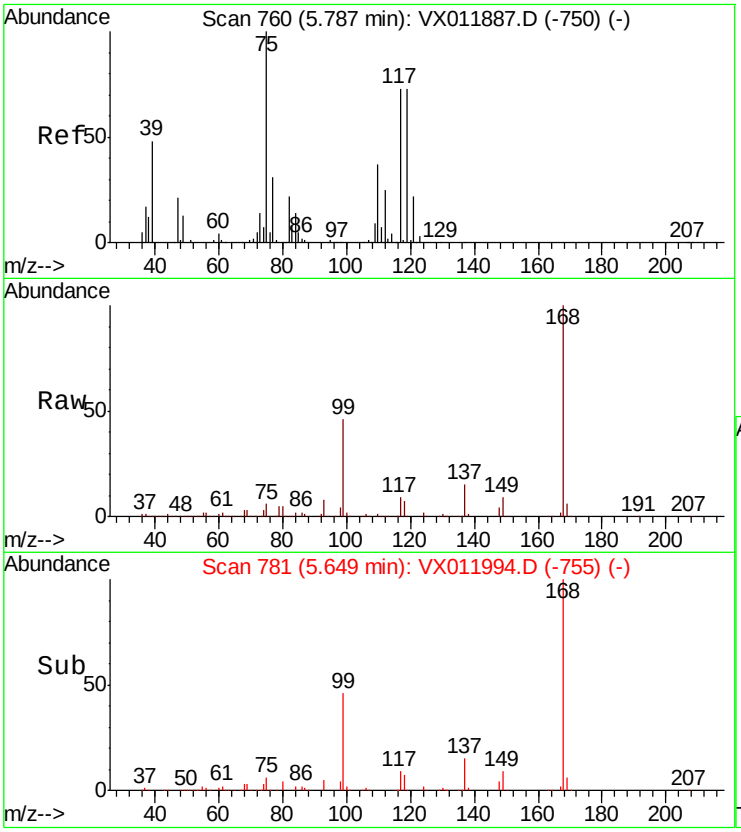


#35
Dibromofluoromethane
Concen: 46.364 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Tgt Ion:113 Resp: 149684

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.1	123.1
192	27.5	21.5	32.3



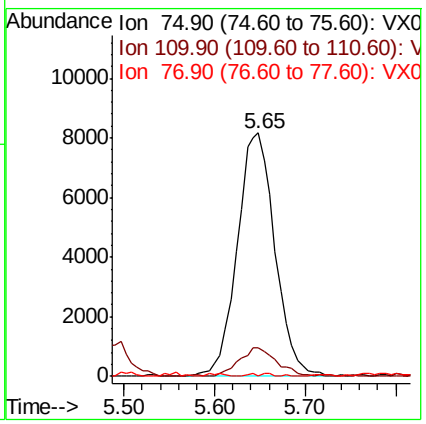


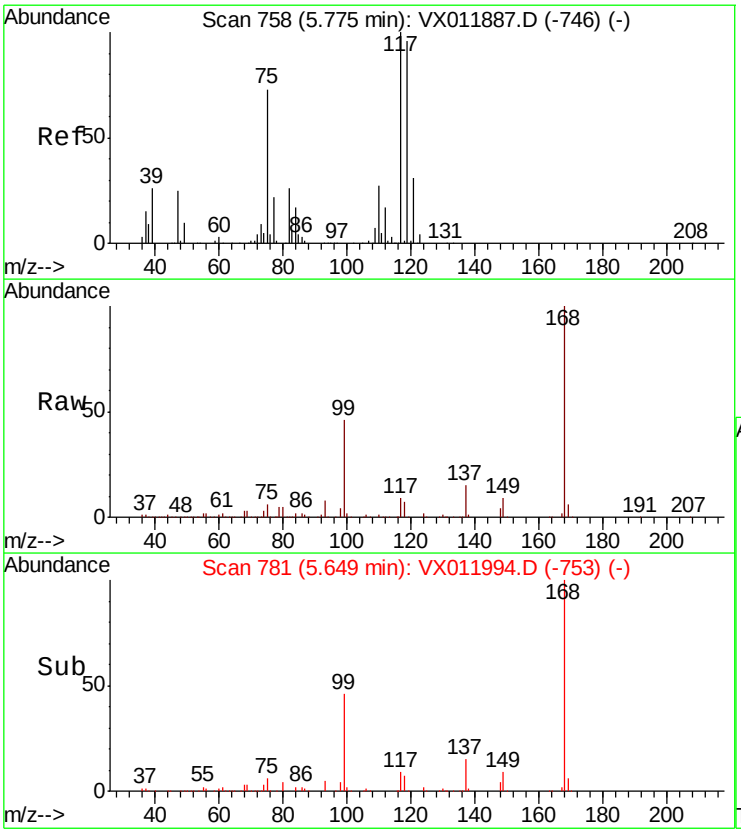
#36
1,1-Dichloropropene
Concen: 5.867 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S3-(1.9)

Tgt Ion: 75 Resp: 23400

Ion	Ratio	Lower	Upper
75	100		
110	11.7	19.1	57.3#
77	0.3	24.4	36.6#

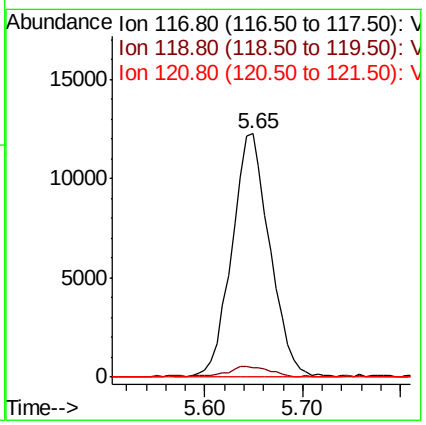


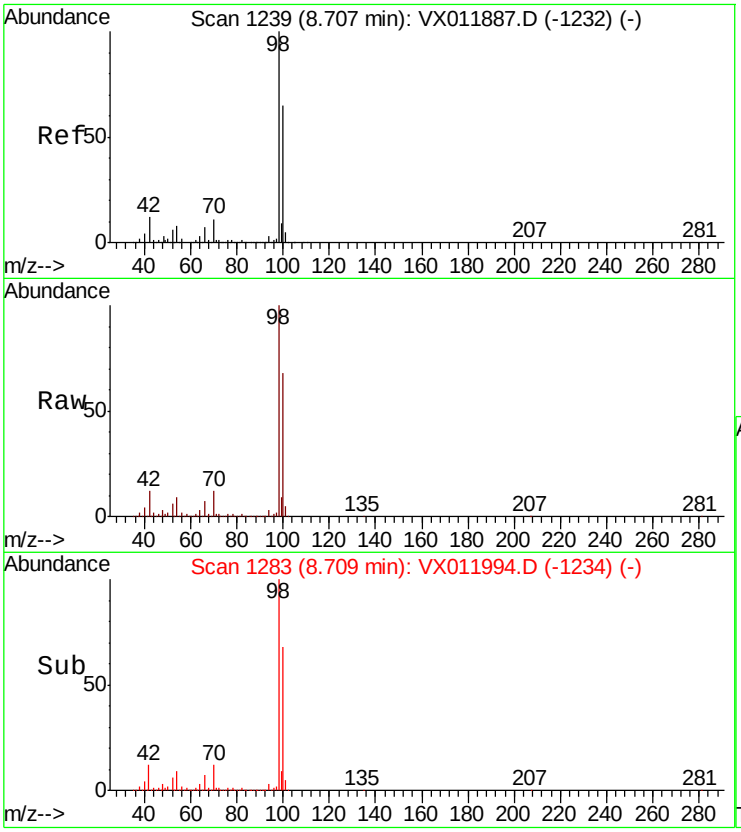


#38
Carbon Tetrachloride
Concen: 7.145 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Tgt Ion:117 Resp: 33053

Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.6	114.8#
121	0.0	24.7	37.1#



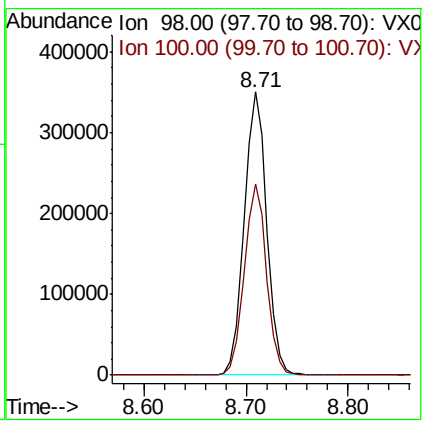


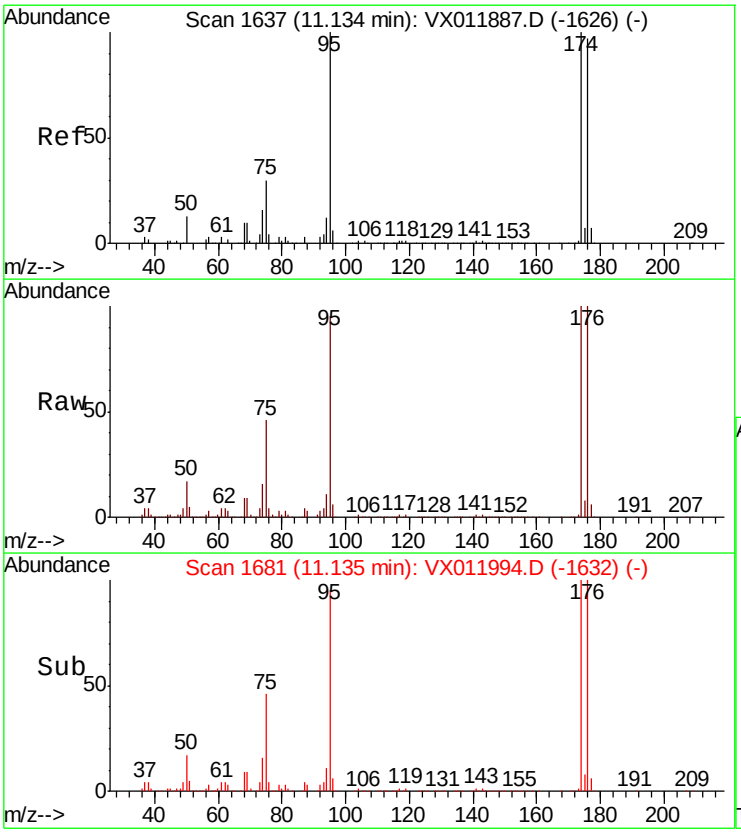
#50
Toluene-d8
Concen: 46.637 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Instrument : MSVOA_X
ClientSampleId : T9-12-13-S3-(1.9)

Tgt Ion: 98 Resp: 538227

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.6

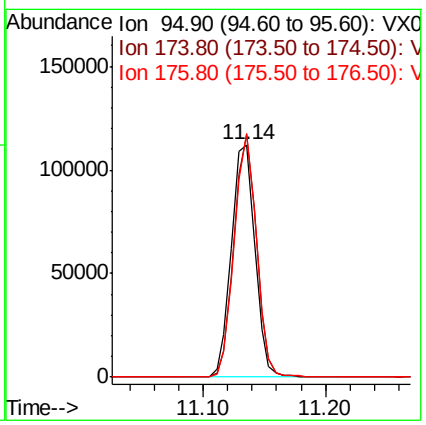


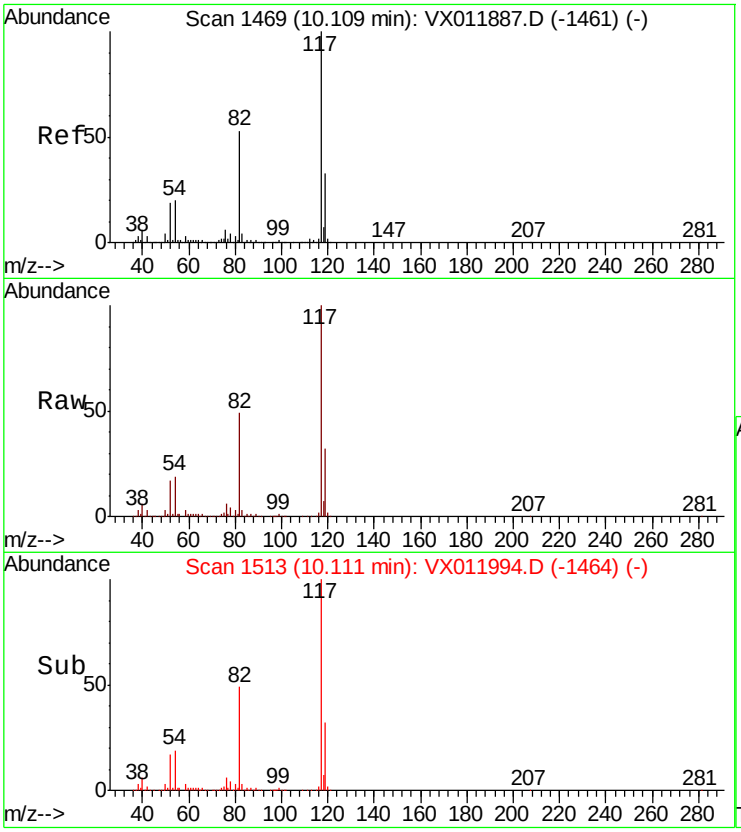


#62
4-Bromofluorobenzene
Concen: 29.396 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Tgt Ion: 95 Resp: 148817

Ion	Ratio	Lower	Upper
95	100		
174	99.7	0.0	196.0
176	98.6	0.0	191.4



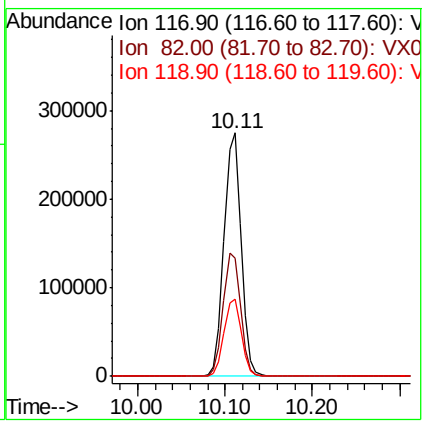


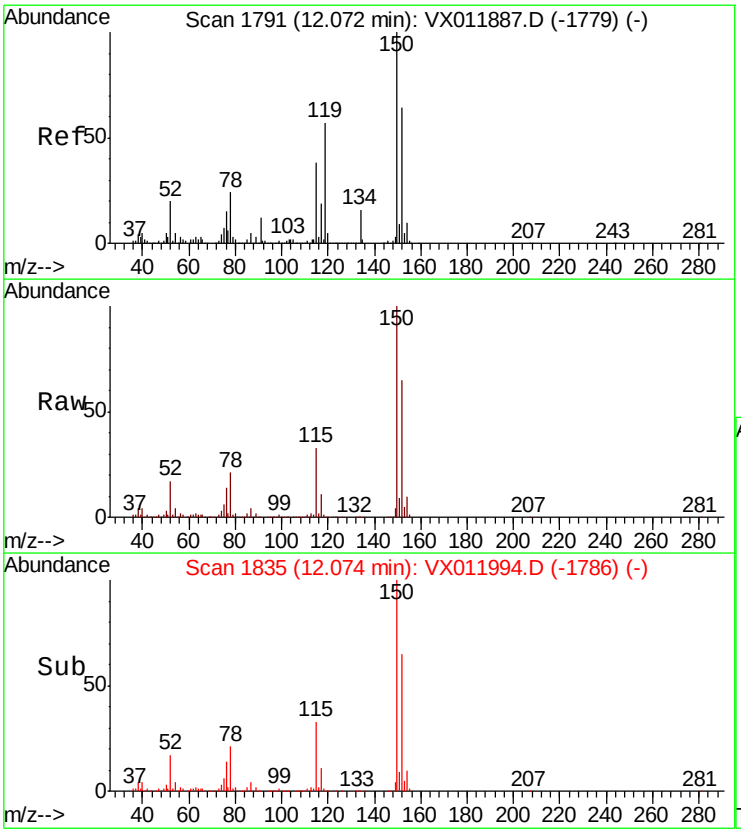
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S3-(1.9)

Tgt Ion:117 Resp: 373677

Ion	Ratio	Lower	Upper
117	100		
82	48.7	42.0	63.0
119	31.8	26.2	39.4

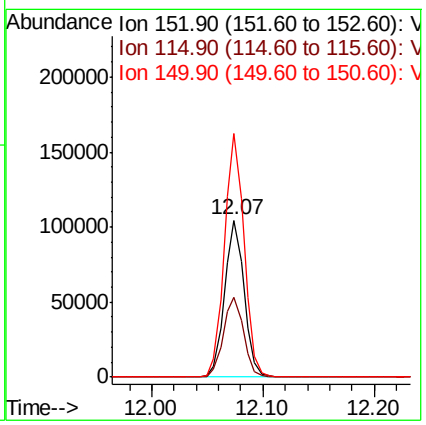


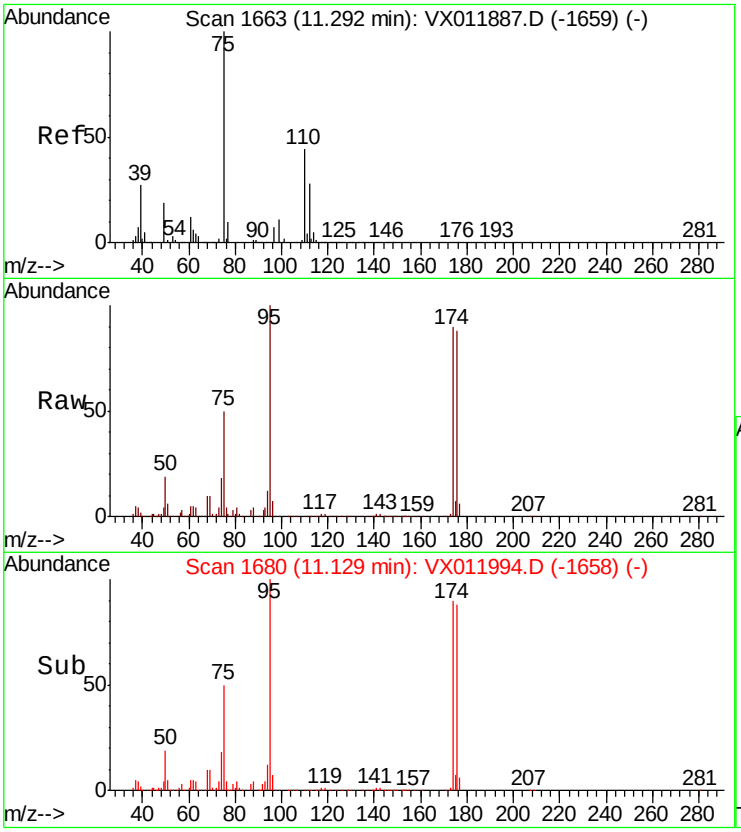


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Tgt Ion:152 Resp: 126609

Ion	Ratio	Lower	Upper
152	100		
115	53.1	37.1	111.3
150	156.7	0.0	339.6



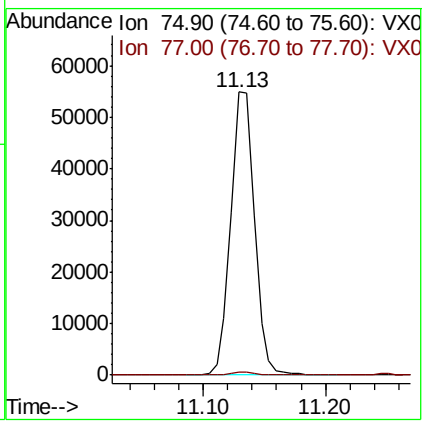


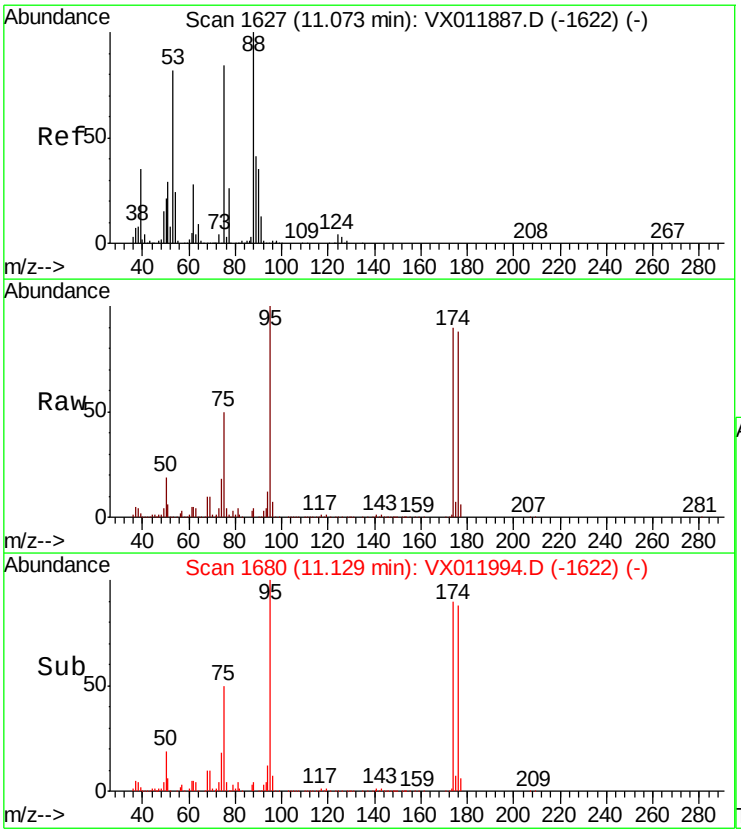
#76
1,2,3-Trichloropropane
Concen: 58.995 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-S3-(1.9)

Tgt Ion: 75 Resp: 73476

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.9	62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 148.206 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX011994.D
Acq: 01 Sep 2019 16:08

Tgt Ion: 75 Resp: 73476

Ion	Ratio	Lower	Upper
75	100		
53	0.3	77.1	115.7#
89	0.0	38.2	57.2#