Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX011997.D
Acq On : 01 Sep 2019 17:31
Operator : SY/SP
Sample : K4528-20
Misc : 3.16g/5.0mL/MSVOA_X/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T9-12-13-T1-(0)

Quant Time: Sep 02 03:55:36 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	417069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	540194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	435084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	168148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	169300	42.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.74%			
35) Dibromofluoromethane	5.48	113	155836	44.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.98%			
50) Toluene-d8	8.71	98	583537	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.26%			
62) 4-Bromofluorobenzene	11.13	95	182745	33.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 67.28%			
Target Compounds						Qvalue
8) Diethyl Ether	2.17	74	3189	1.918	ug/l	92
10) Methyl Iodide	2.50	142	573	3.830	ug/l #	90
11) Tert butyl alcohol	3.02	59	1640	4.266	ug/l #	86
16) Acetone	2.43	43	20434	23.767	ug/l	98
20) Methylene Chloride	2.84	84	30627	3.812	ug/l	94
25) 2-Butanone	4.68	43	1403	1.120	ug/l #	62
29) Tetrahydrofuran	5.12	42	4597	5.882	ug/l #	89
36) 1,1-Dichloropropene	5.64	75	24109	5.633	ug/l #	51
38) Carbon Tetrachloride	5.65	117	35260	7.104	ug/l #	16
49) 1,4-Dioxane	7.74	88	43	1.251	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	89722	54.243	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	89722	136.268	ug/l #	11

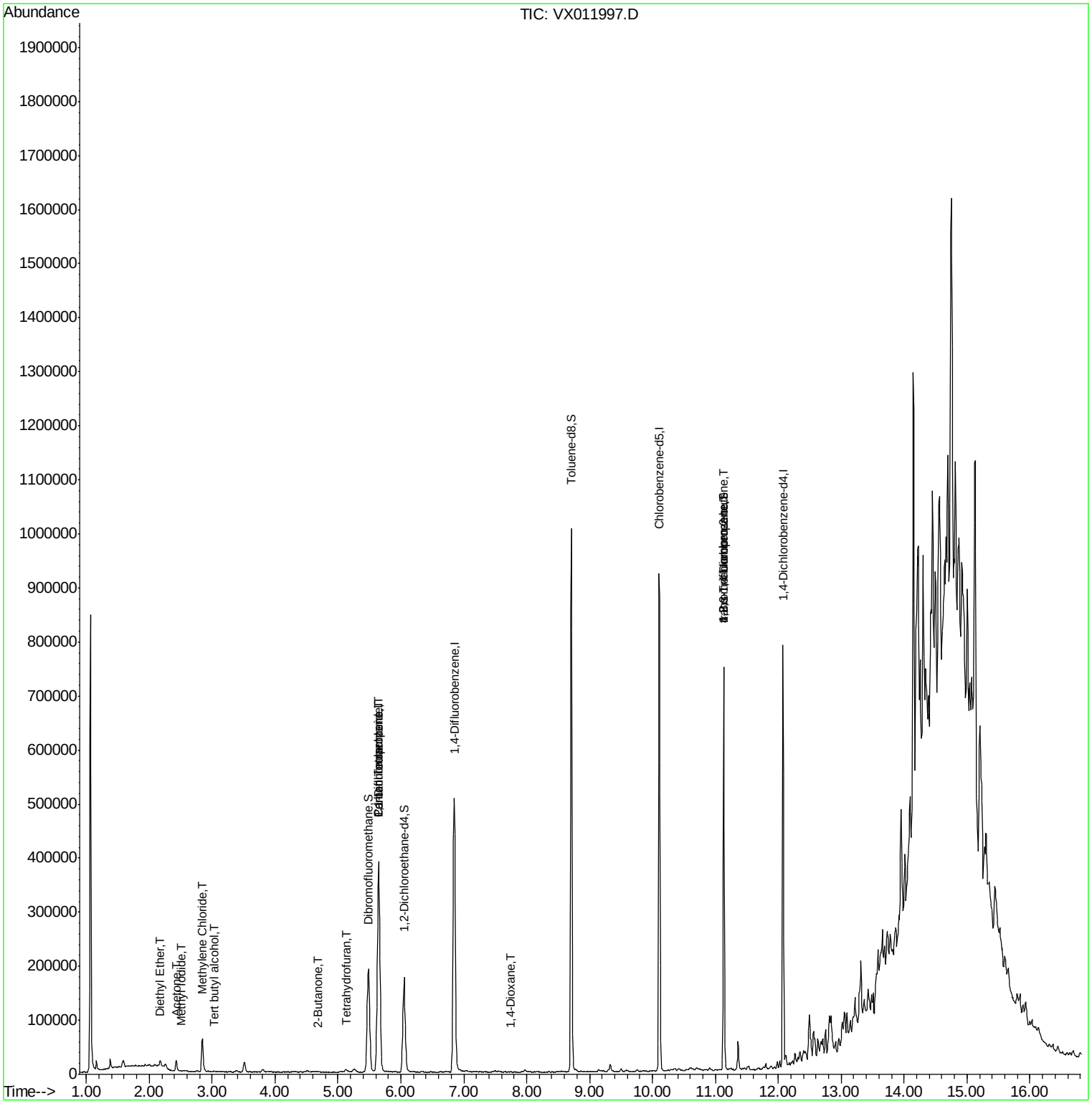
(#) = qualifier out of range (m) = manual integration (+) = signals summed

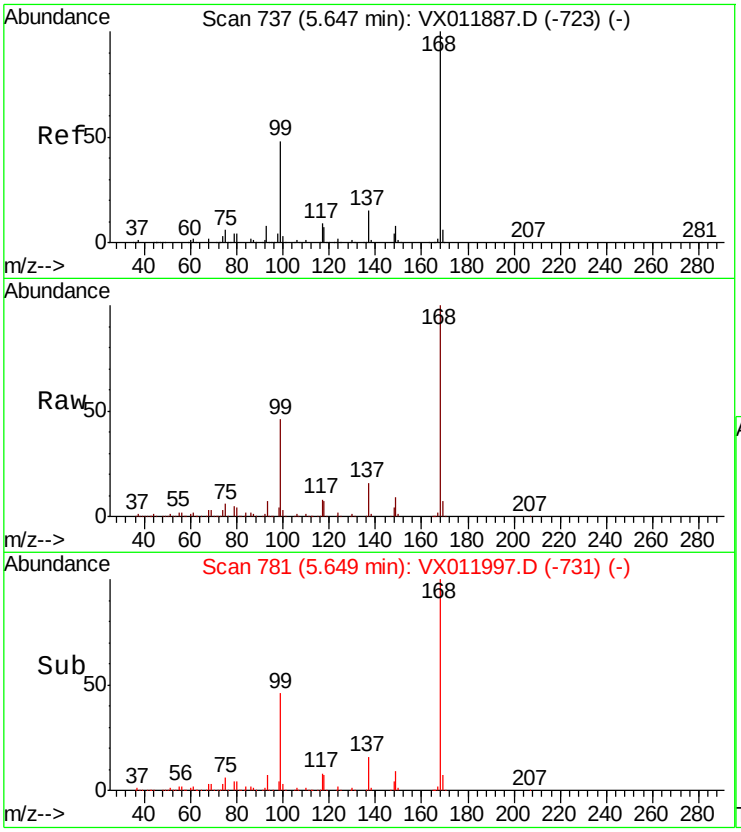
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX011997.D
Acq On : 01 Sep 2019 17:31
Operator : SY/SP
Sample : K4528-20
Misc : 3.16g/5.0mL/MSVOA_X/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(0)

Quant Time: Sep 02 03:55:36 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



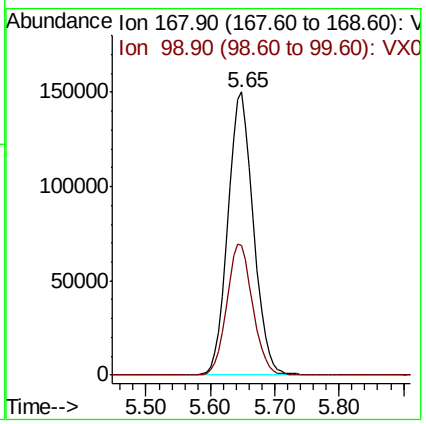


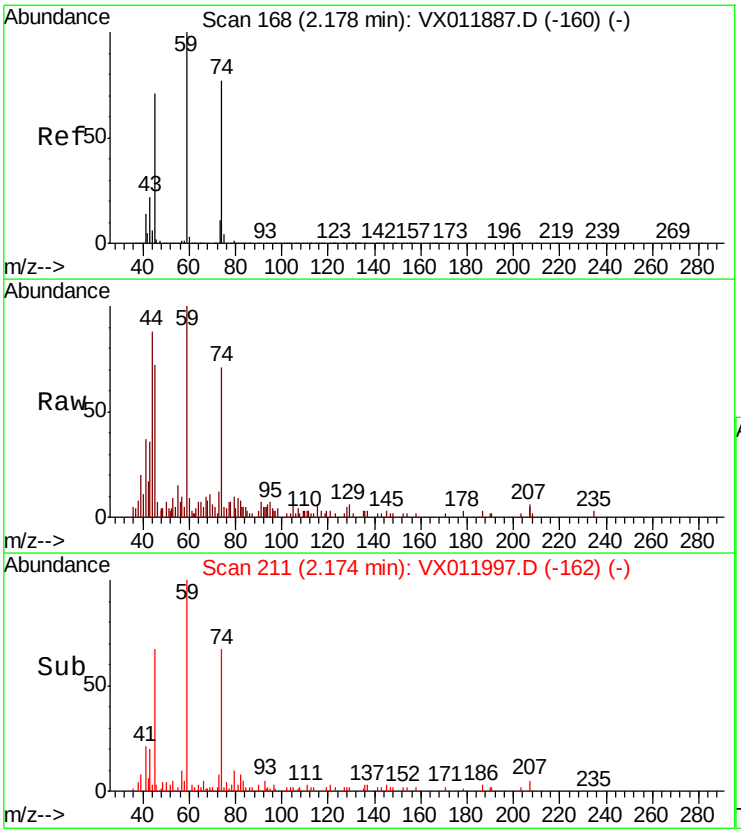
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(0)

Tgt Ion:168 Resp: 417069

Ion	Ratio	Lower	Upper
168	100		
99	45.8	38.4	57.6

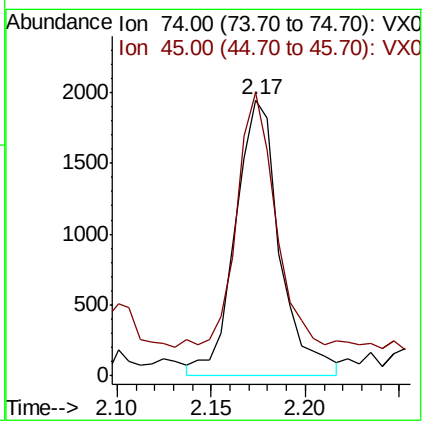


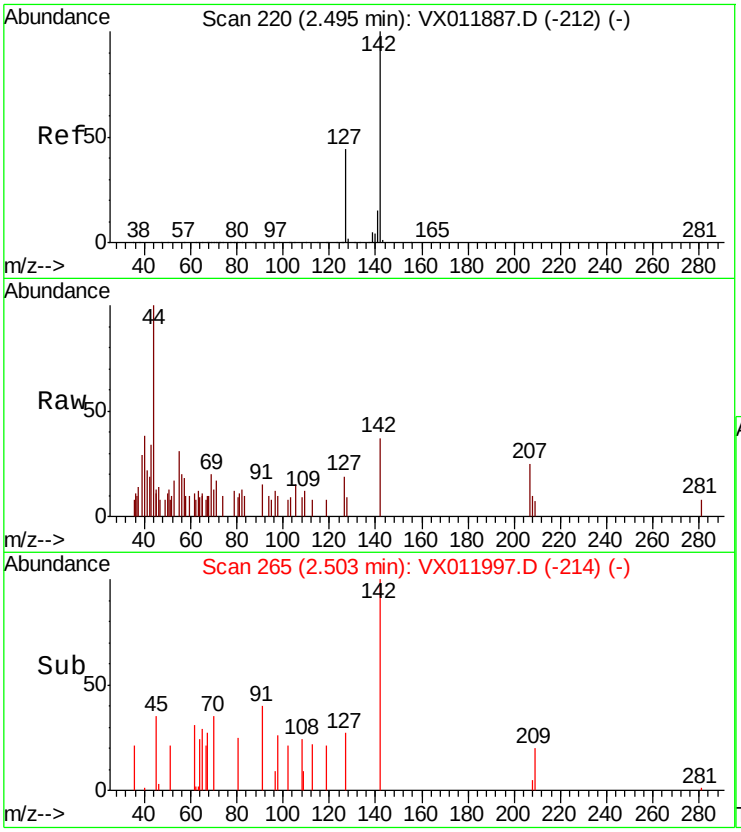


#8
Diethyl Ether
Concen: 1.918 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Tgt Ion: 74 Resp: 3189

Ion	Ratio	Lower	Upper
74	100		
45	86.0	46.7	140.1



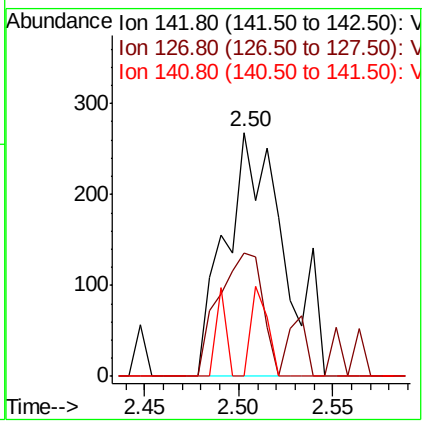


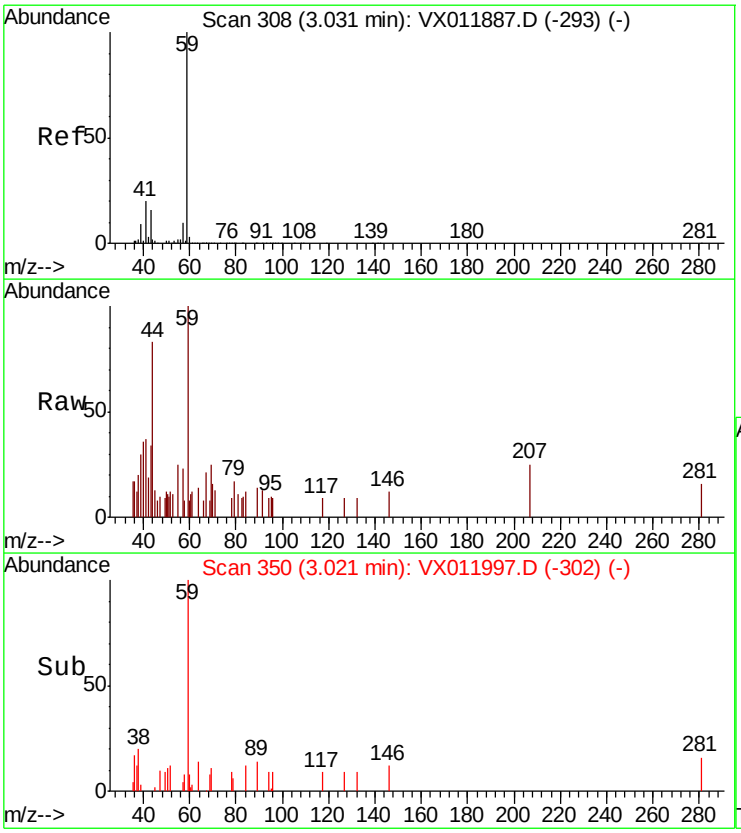
#10
Methyl Iodide
Concen: 3.830 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Instrument : MSVOA_X
ClientSampleId : T9-12-13-T1-(0)

Tgt Ion:142 Resp: 573

Ion	Ratio	Lower	Upper
142	100		
127	38.4	35.7	53.5
141	10.5	11.8	17.6#

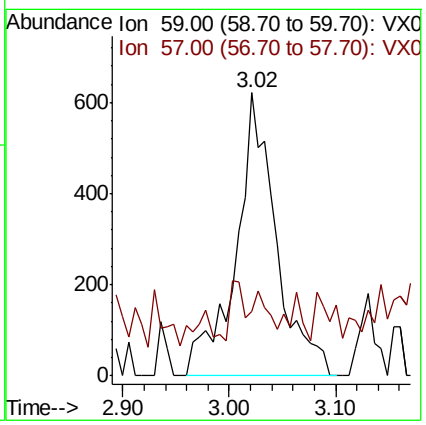


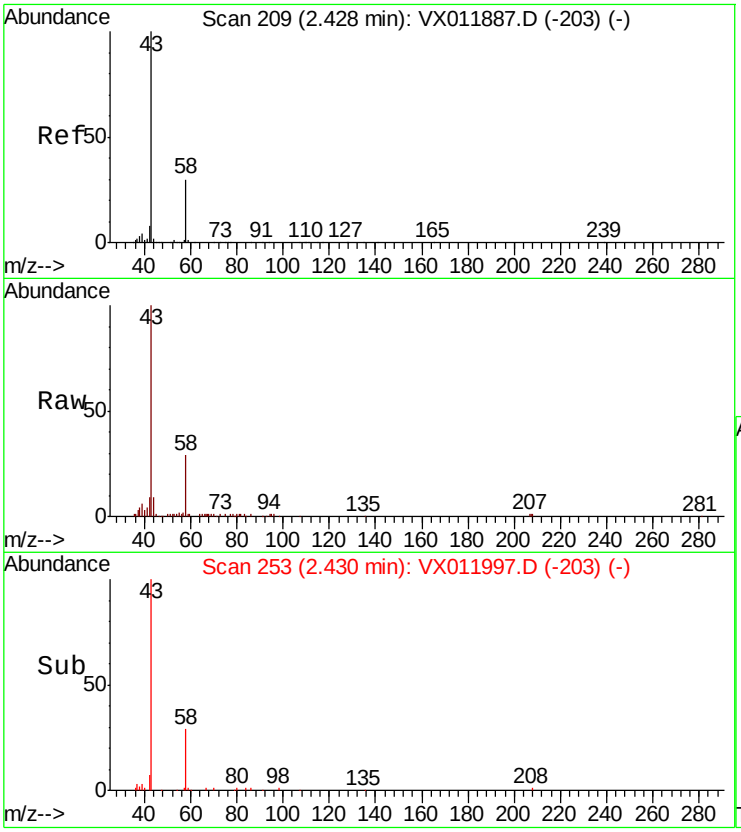


#11
Tert butyl alcohol
Concen: 4.266 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Tgt Ion: 59 Resp: 1640

Ion	Ratio	Lower	Upper
59	100		
57	5.3	8.6	12.8#



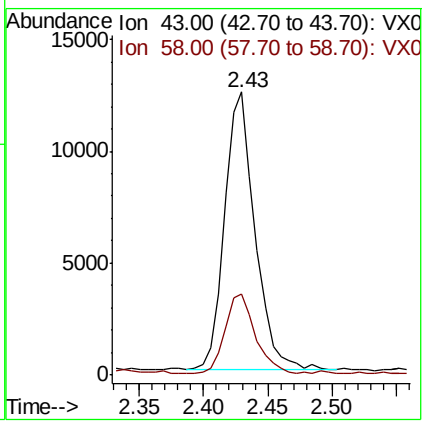


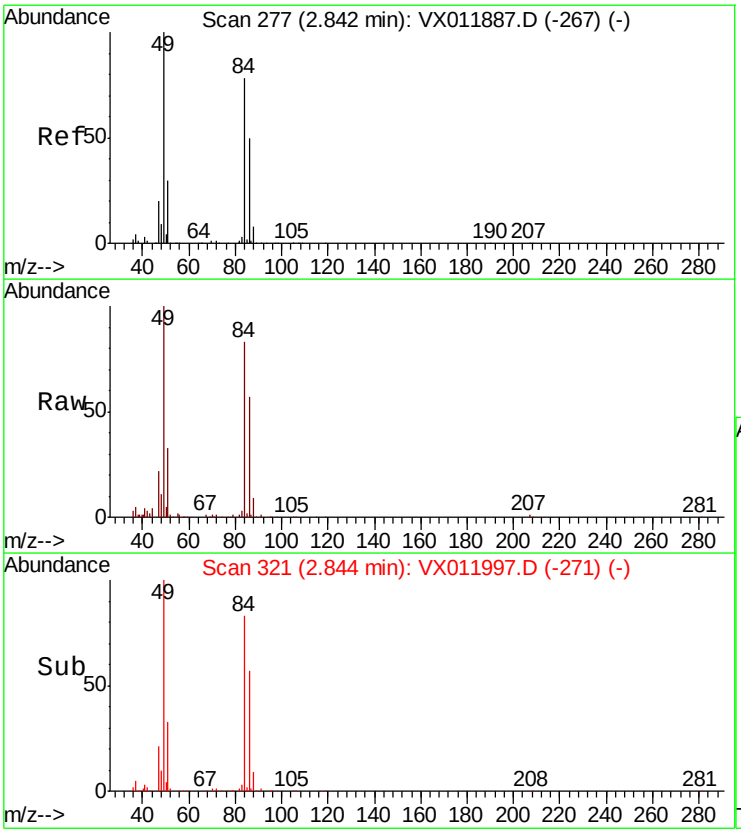
#16
Acetone
Concen: 23.767 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(0)

Tgt Ion: 43 Resp: 20434

Ion	Ratio	Lower	Upper
43	100		
58	28.9	23.8	35.8

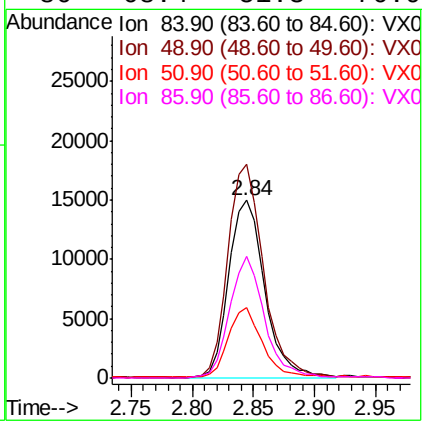


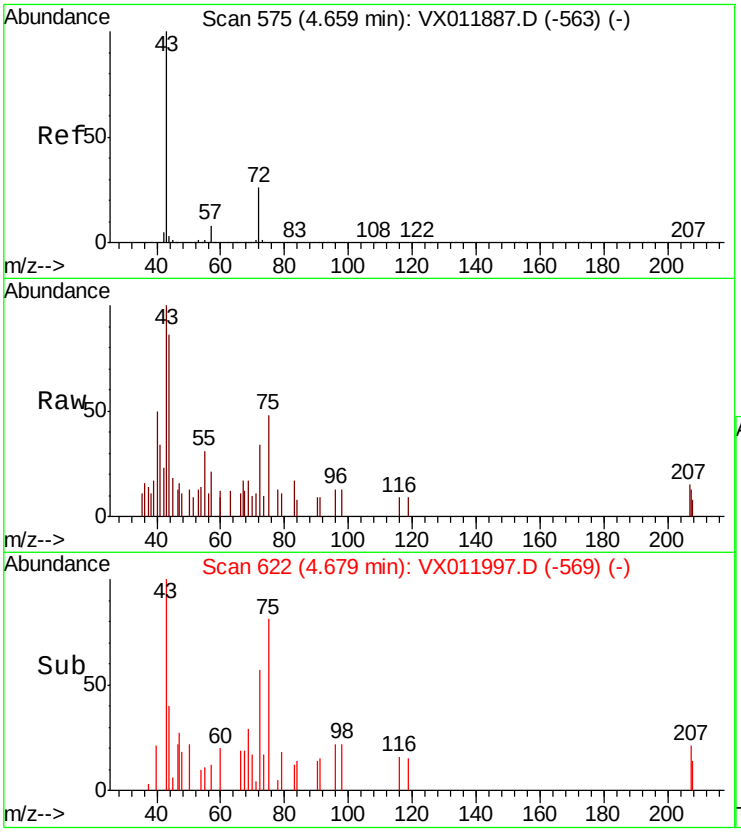


#20
Methylene Chloride
Concen: 3.812 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Tgt Ion: 84 Resp: 30627

Ion	Ratio	Lower	Upper
84	100		
49	119.9	103.0	154.4
51	38.7	30.8	46.2
86	68.4	51.3	76.9



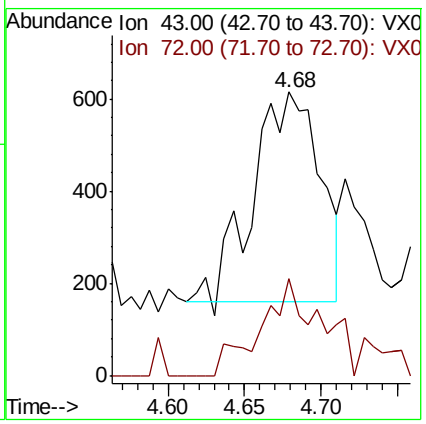


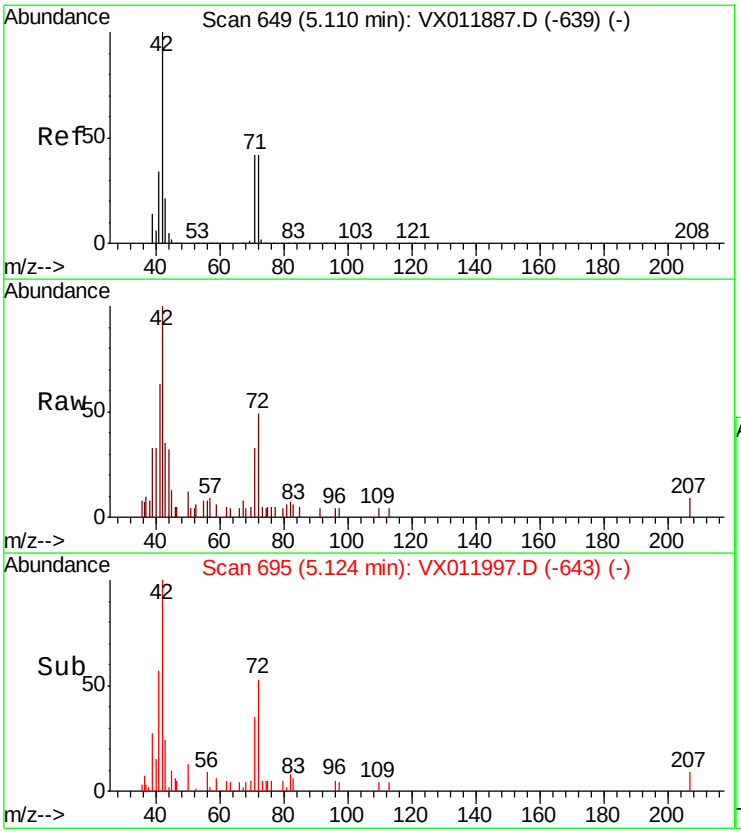
#25
2-Butanone
Concen: 1.120 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(0)

Tgt Ion: 43 Resp: 1403

Ion	Ratio	Lower	Upper
43	100		
72	45.8	21.0	31.4#

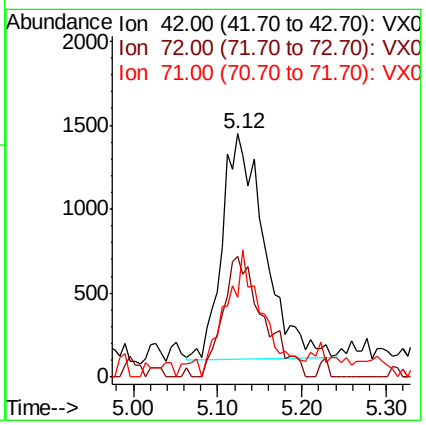


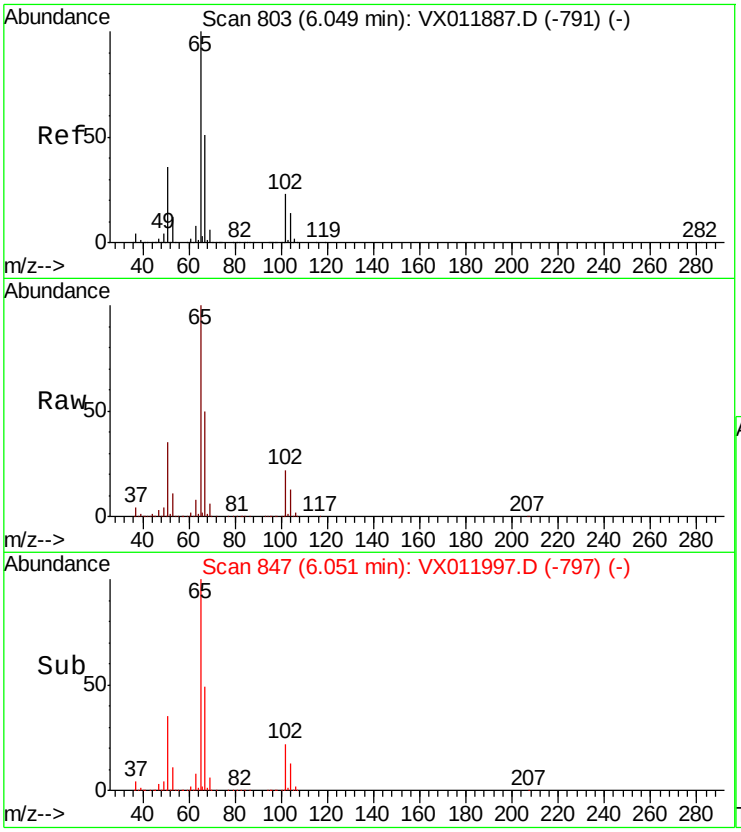


#29
Tetrahydrofuran
Concen: 5.882 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Tgt Ion: 42 Resp: 4597

Ion	Ratio	Lower	Upper
42	100		
72	51.3	36.2	54.4
71	49.9	33.1	49.7#



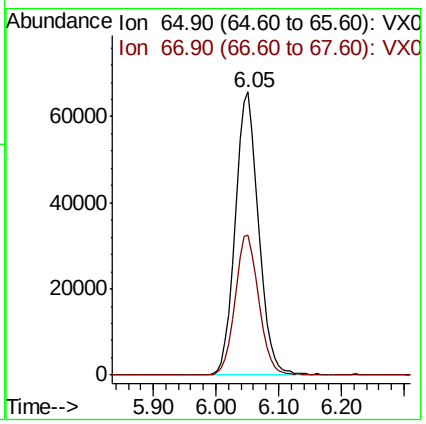


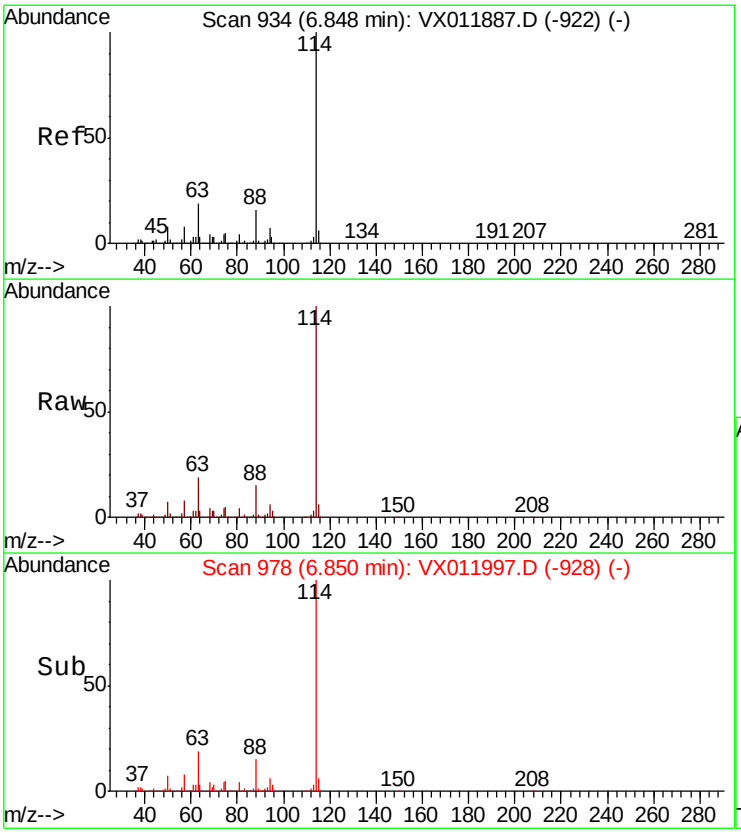
#33
1,2-Dichloroethane-d4
Concen: 42.368 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(0)

Tgt Ion: 65 Resp: 169300

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	102.2

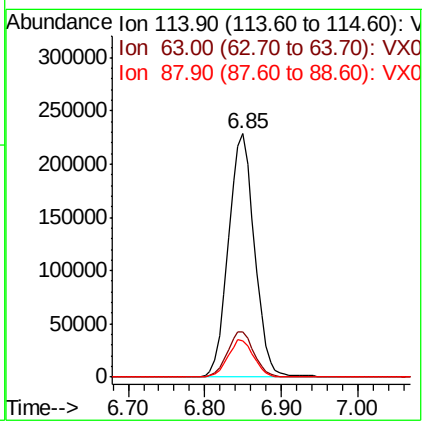


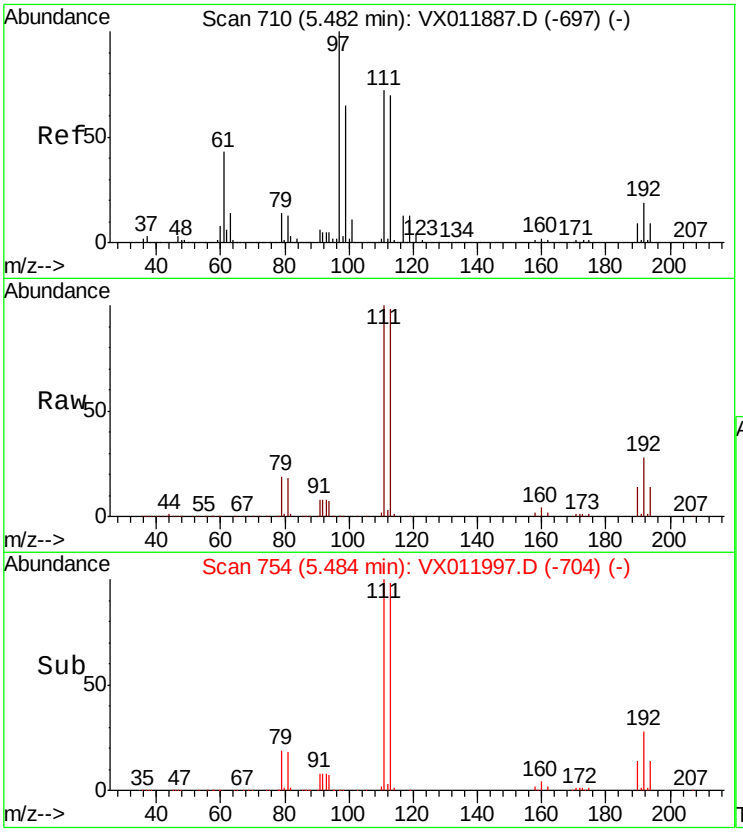


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Tgt Ion:114 Resp: 540194

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	38.8
88	14.8	0.0	31.2



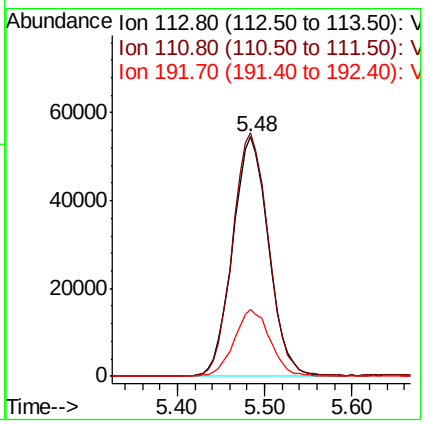


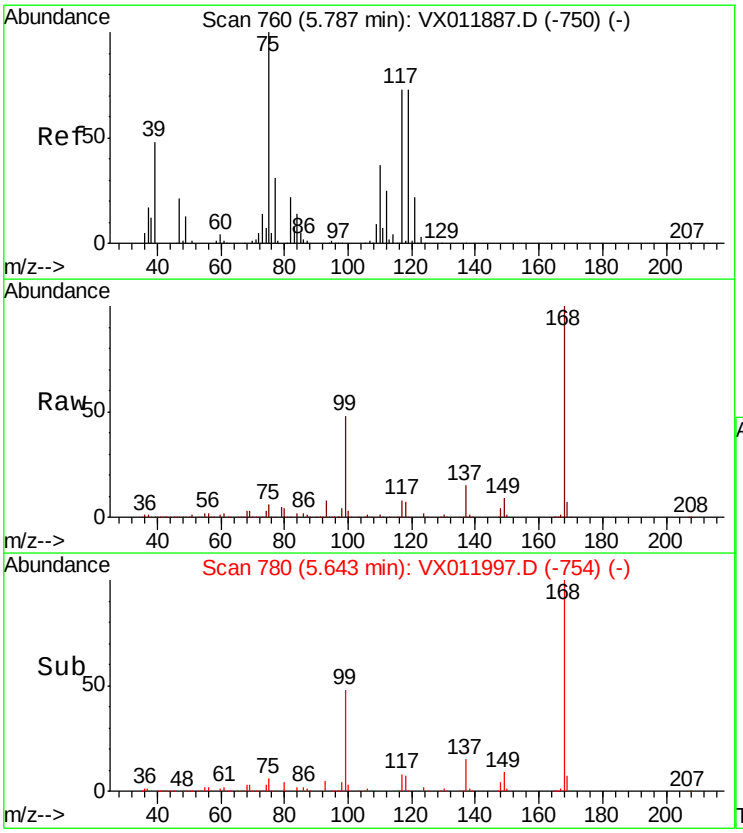
#35
Dibromofluoromethane
Concen: 44.988 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(0)

Tgt Ion:113 Resp: 155836

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.1	123.1
192	28.0	21.5	32.3

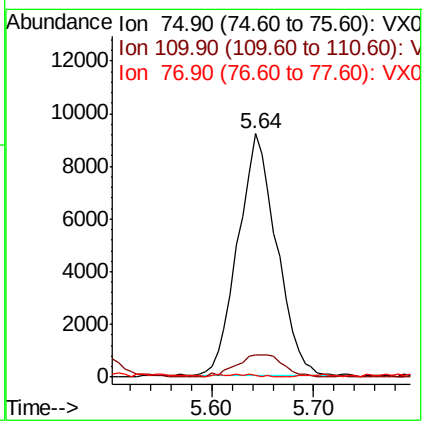


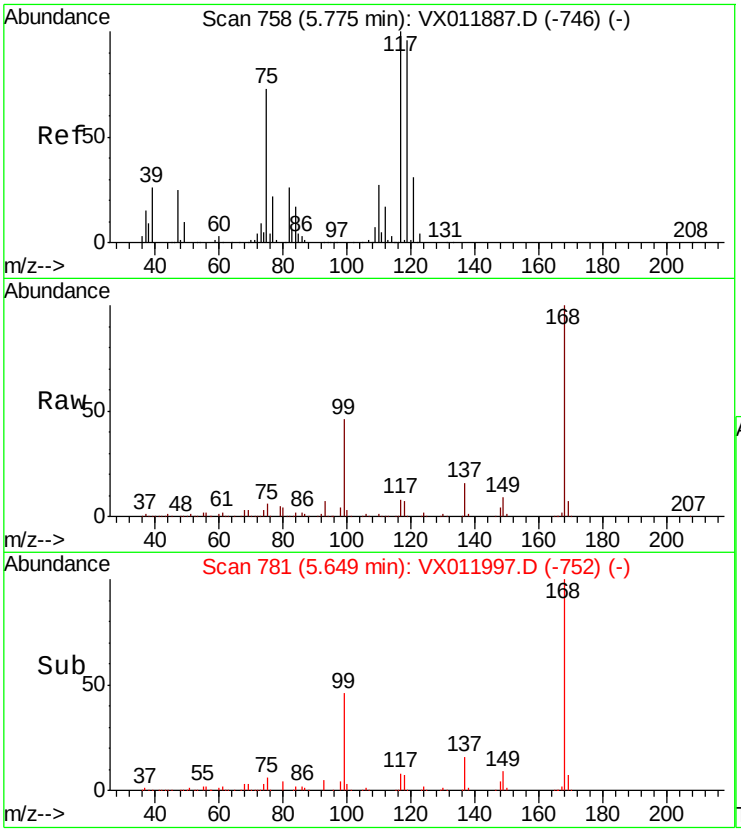


#36
1,1-Dichloropropene
Concen: 5.633 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.14 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Tgt Ion: 75 Resp: 24109

Ion	Ratio	Lower	Upper
75	100		
110	11.3	19.1	57.3#
77	0.6	24.4	36.6#



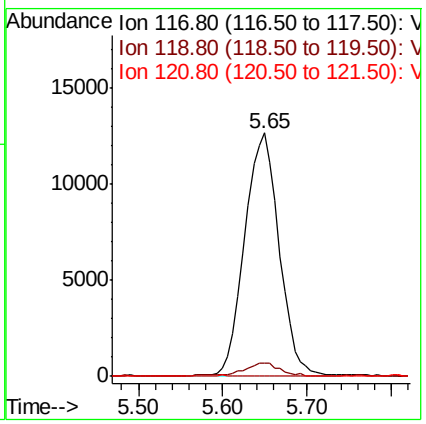


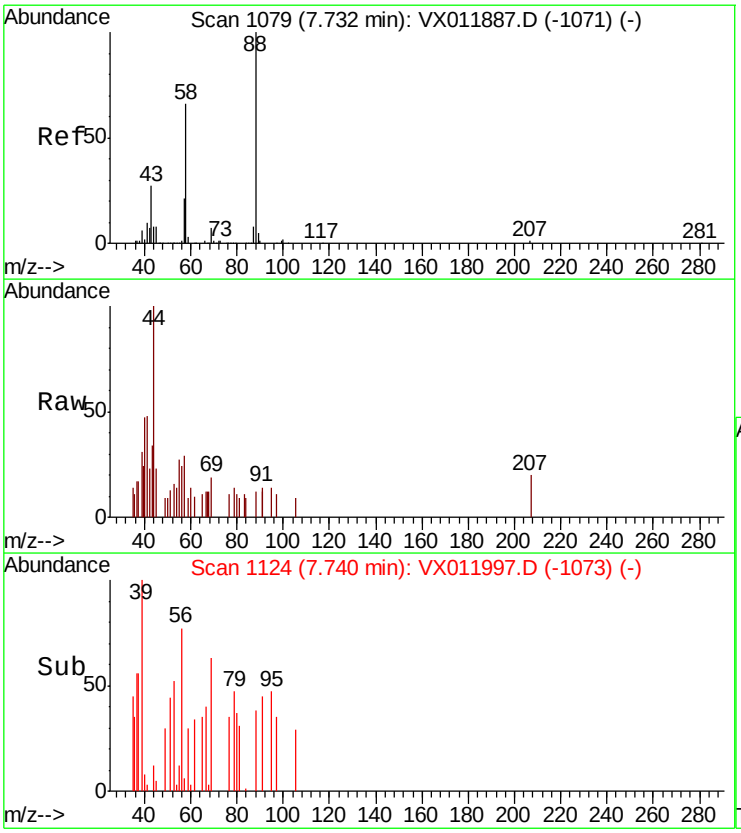
#38
Carbon Tetrachloride
Concen: 7.104 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(0)

Tgt Ion:117 Resp: 35260

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.6	114.8#
121	0.0	24.7	37.1#

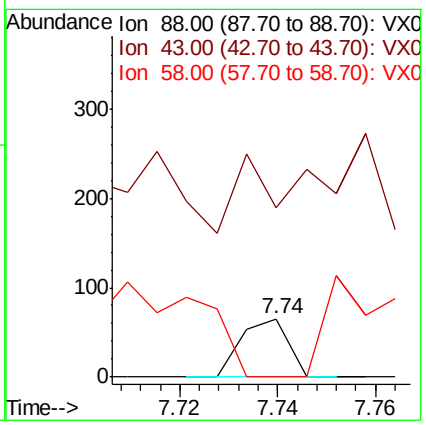


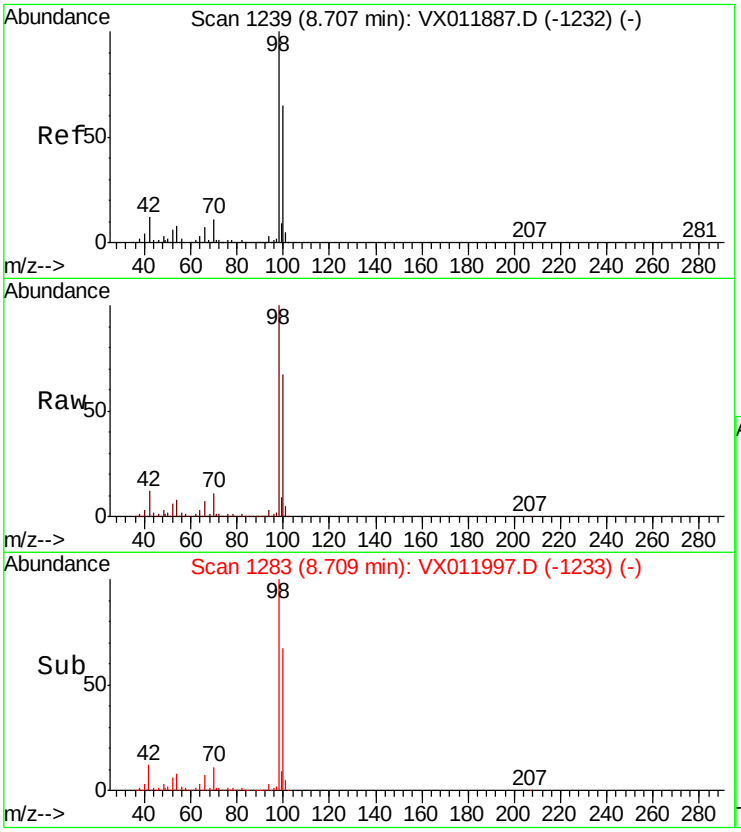


#49
1,4-Dioxane
Concen: 1.251 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Tgt Ion: 88 Resp: 43

Ion	Ratio	Lower	Upper
88	100		
43	100.0	27.3	40.9#
58	353.5	53.9	80.9#



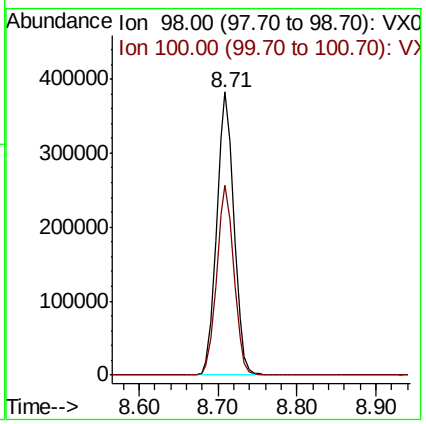


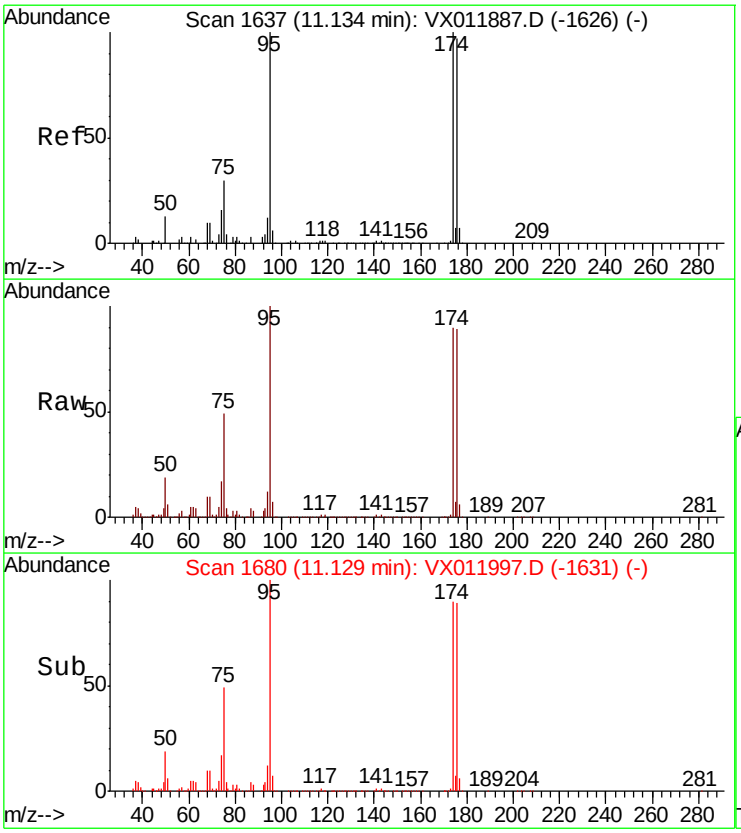
#50
Toluene-d8
Concen: 47.126 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Instrument : MSVOA_X
ClientSampleId : T9-12-13-T1-(0)

Tgt Ion: 98 Resp: 583537

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.6

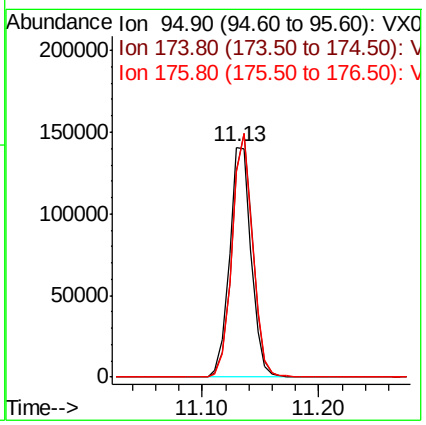


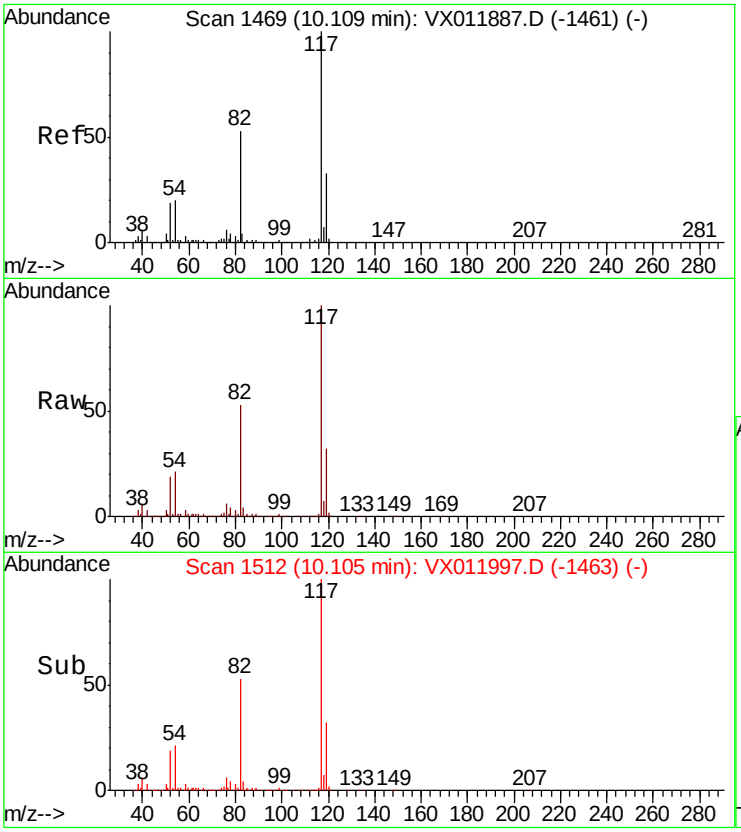


#62
4-Bromofluorobenzene
Concen: 33.644 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Tgt Ion: 95 Resp: 182745

Ion	Ratio	Lower	Upper
95	100		
174	101.7	0.0	196.0
176	101.2	0.0	191.4



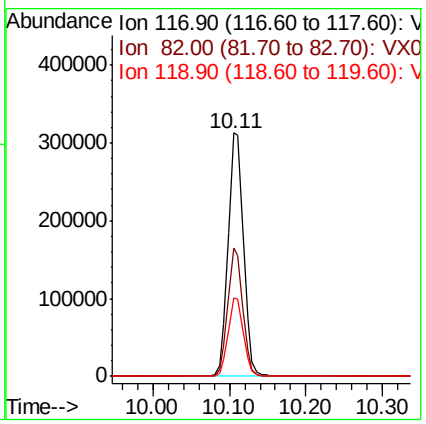


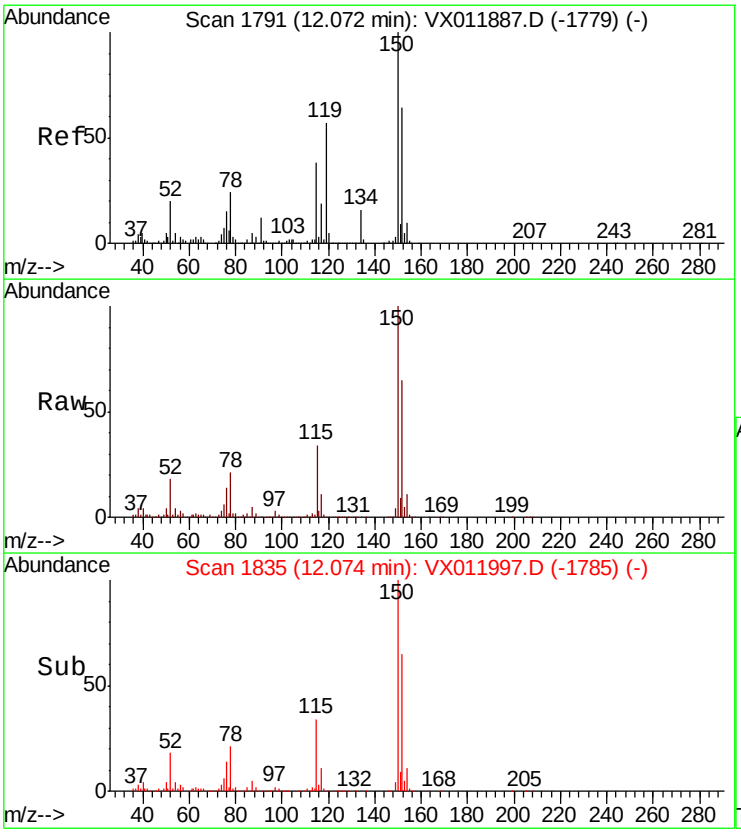
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(0)

Tgt Ion:117 Resp: 435084

Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.0	63.0
119	32.3	26.2	39.4

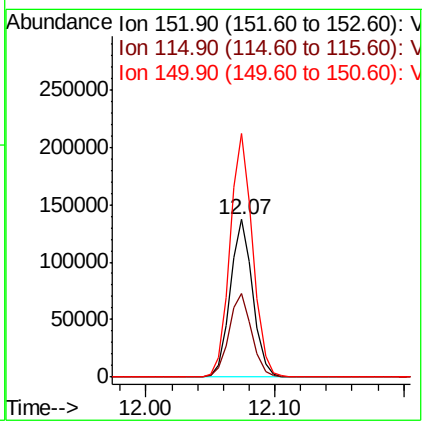


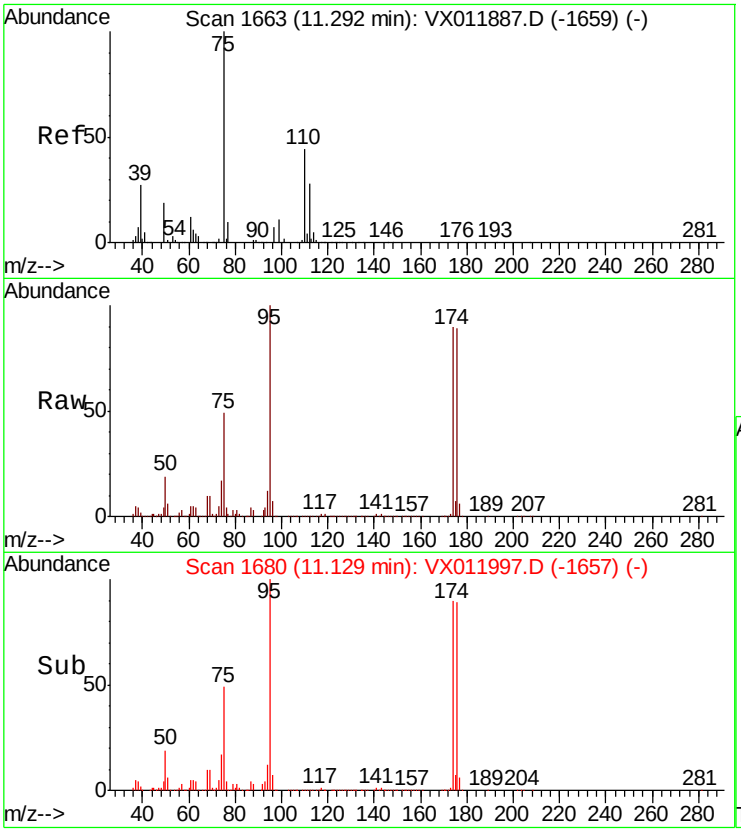


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Tgt Ion:152 Resp: 168148

Ion	Ratio	Lower	Upper
152	100		
115	53.3	37.1	111.3
150	155.0	0.0	339.6



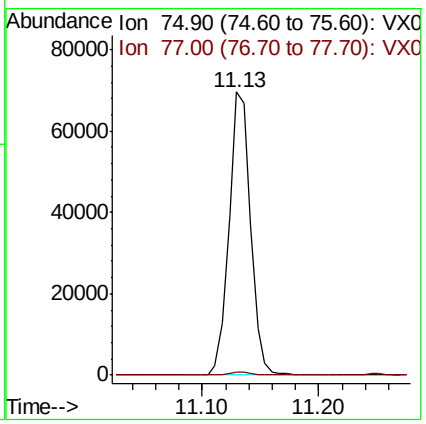


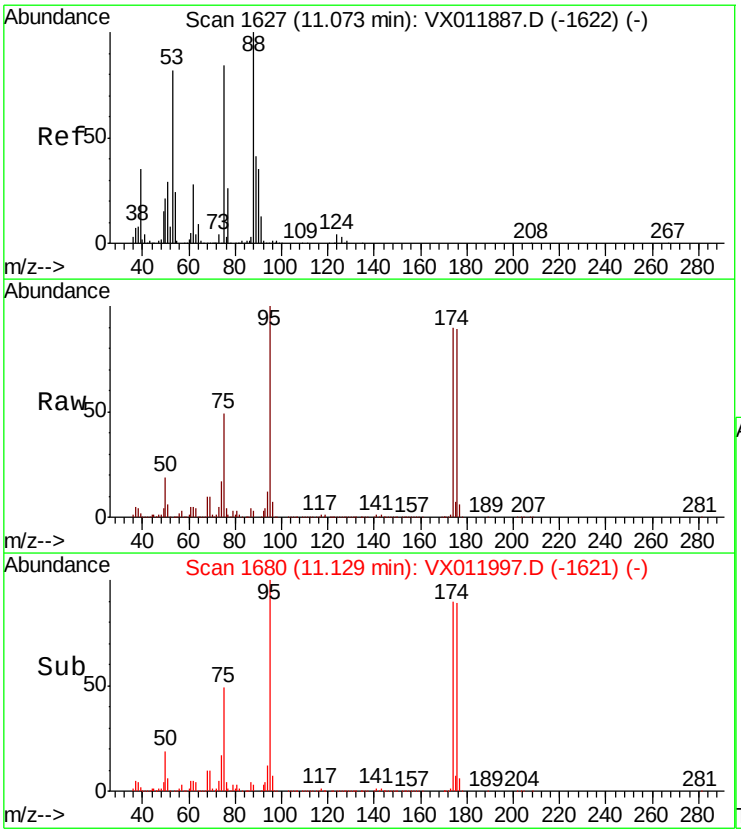
#76
1,2,3-Trichloropropane
Concen: 54.243 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T1-(0)

Tgt Ion: 75 Resp: 89722

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.9	62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 136.268 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX011997.D
Acq: 01 Sep 2019 17:31

Tgt Ion: 75 Resp: 89722

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