Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX012005.D
Acq On : 01 Sep 2019 21:15
Operator : SY/SP
Sample : K4525-02
Misc : 5.81g/5.0mL/MSVOA_X/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T9-12-13-A1-(0)

Quant Time: Sep 02 03:57:14 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	441577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	555491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	438427	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	160580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	174017	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.26%			
35) Dibromofluoromethane	5.48	113	164272	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.24%			
50) Toluene-d8	8.71	98	611757	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.08%			
62) 4-Bromofluorobenzene	11.14	95	173540	31.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 62.14%			
Target Compounds						Qvalue
8) Diethyl Ether	2.17	74	2077	1.180	ug/l	99
10) Methyl Iodide	2.50	142	191	3.725	ug/l #	46
11) Tert butyl alcohol	3.02	59	3046	7.484	ug/l	95
16) Acetone	2.42	43	19189	21.080	ug/l	97
20) Methylene Chloride	2.84	84	26256	2.051	ug/l	93
29) Tetrahydrofuran	5.12	42	5339	6.452	ug/l	99
36) 1,1-Dichloropropene	5.65	75	25536	5.803	ug/l #	51
38) Carbon Tetrachloride	5.65	117	36831	7.216	ug/l #	16
49) 1,4-Dioxane	7.69	88	209	5.914	ug/l #	36
76) 1,2,3-Trichloropropane	11.14	75	85499	54.126	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	85499	135.974	ug/l #	11

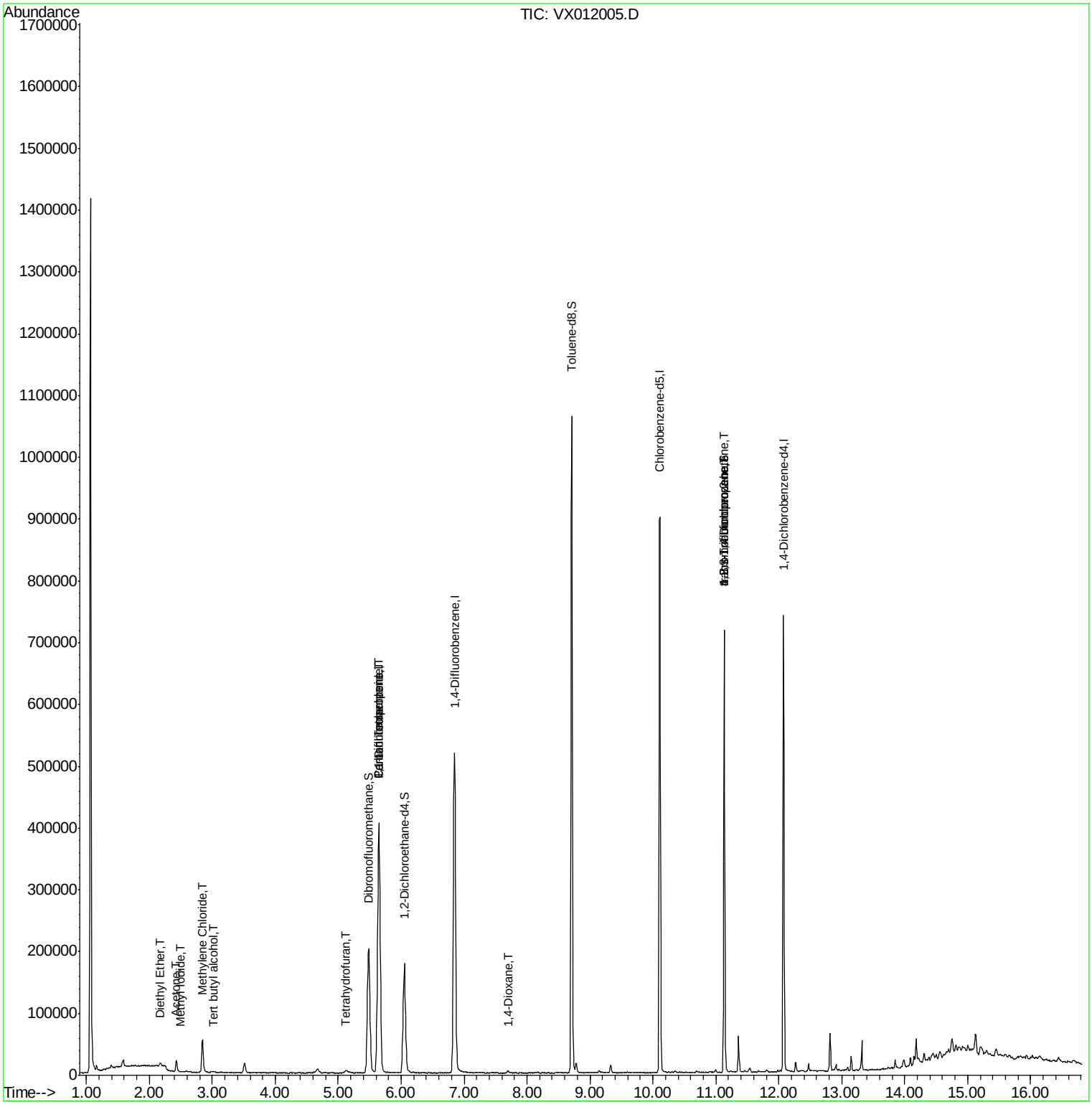
(#) = qualifier out of range (m) = manual integration (+) = signals summed

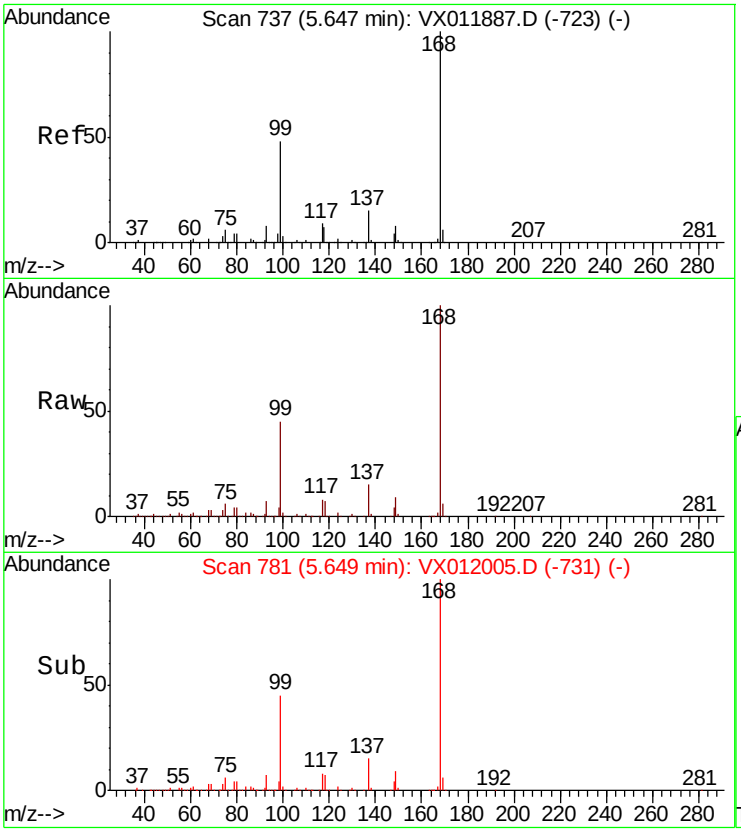
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX012005.D
Acq On : 01 Sep 2019 21:15
Operator : SY/SP
Sample : K4525-02
Misc : 5.81g/5.0mL/MSVOA_X/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A1-(0)

Quant Time: Sep 02 03:57:14 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



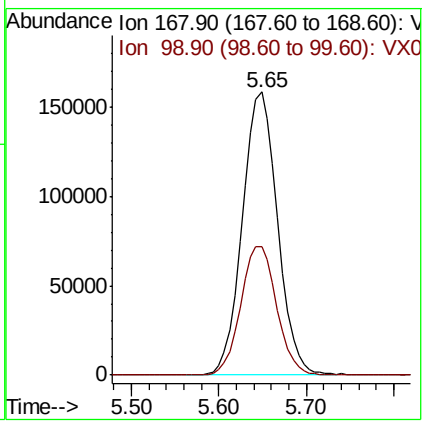


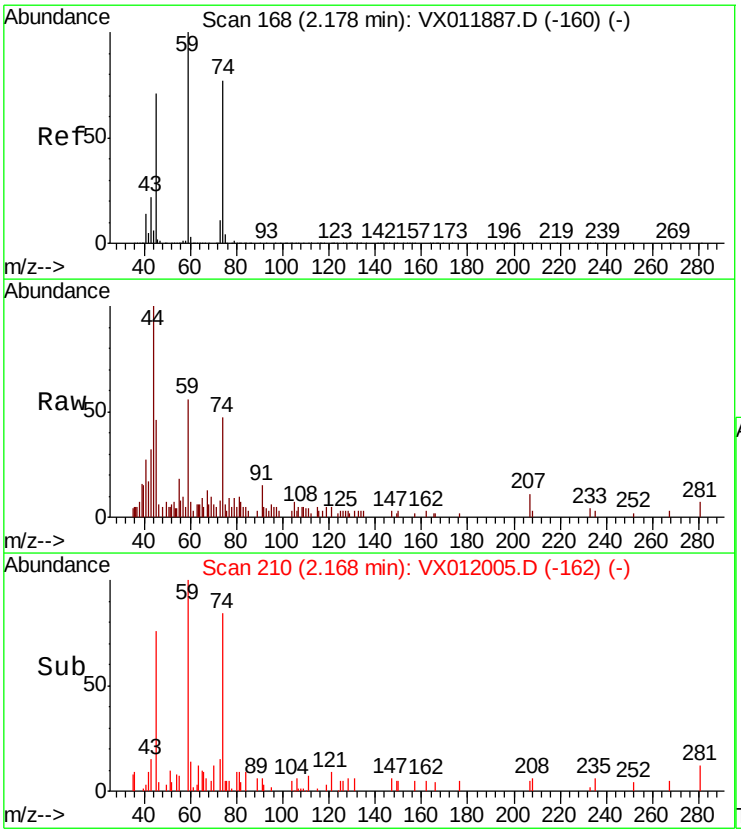
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A1-(0)

Tgt Ion:168 Resp: 441577

Ion	Ratio	Lower	Upper
168	100		
99	45.1	38.4	57.6

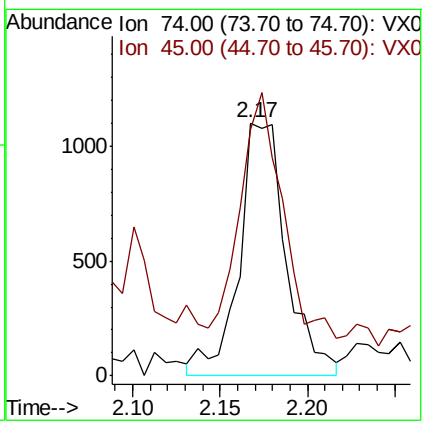


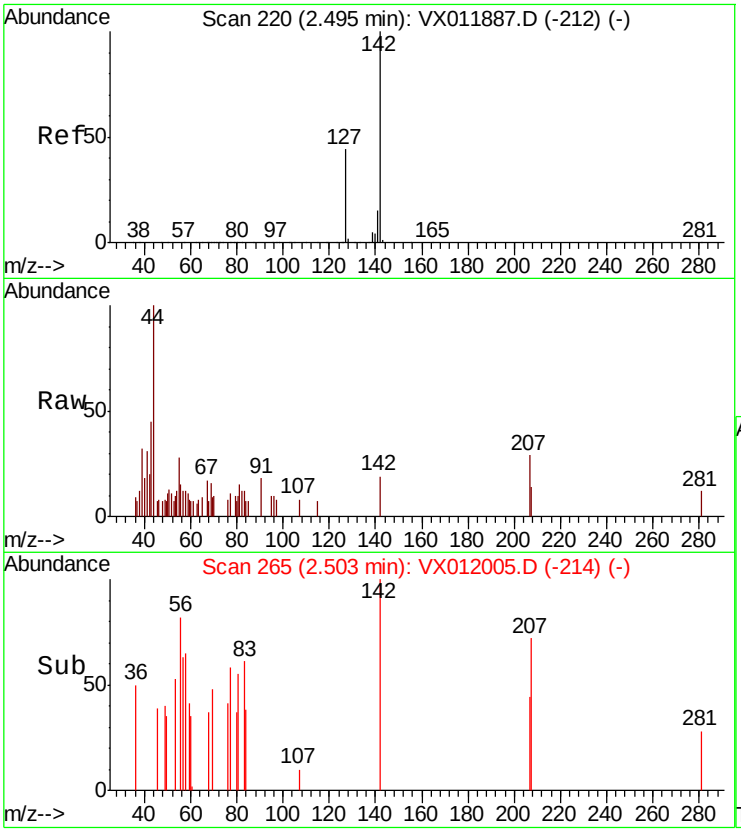


#8
Diethyl Ether
Concen: 1.180 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Tgt Ion: 74 Resp: 2077

Ion	Ratio	Lower	Upper
74	100		
45	92.8	46.7	140.1



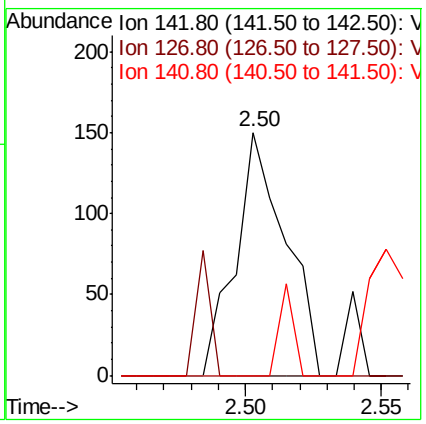


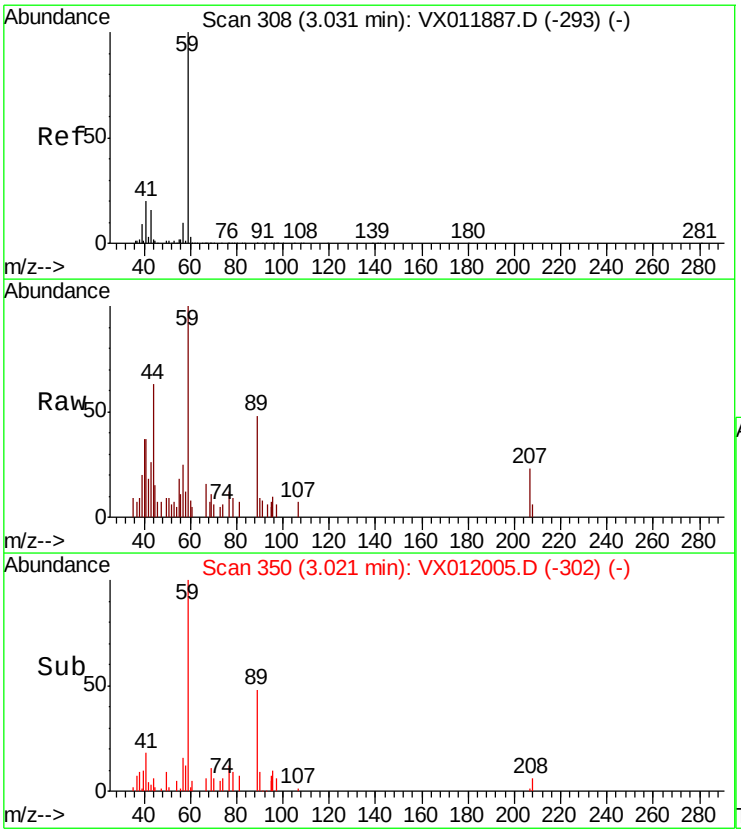
#10
Methyl Iodide
Concen: 3.725 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Instrument : MSVOA_X
ClientSampleId : T9-12-13-A1-(0)

Tgt Ion:142 Resp: 191

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.7	53.5#
141	11.0	11.8	17.6#

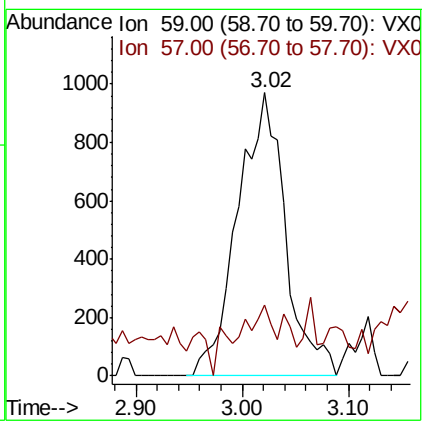


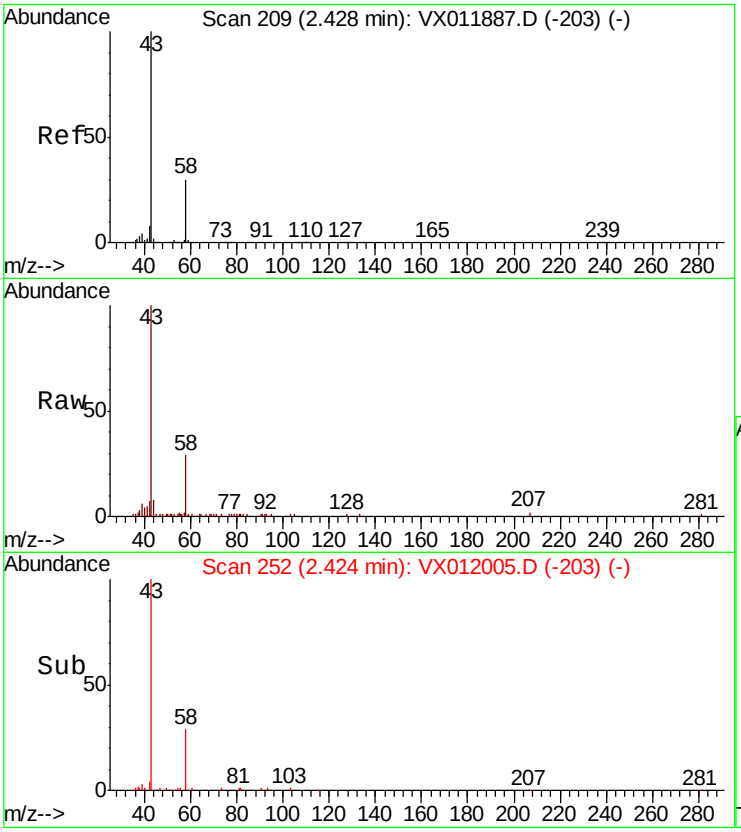


#11
Tert butyl alcohol
Concen: 7.484 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Tgt Ion: 59 Resp: 3046

Ion	Ratio	Lower	Upper
59	100		
57	12.7	8.6	12.8



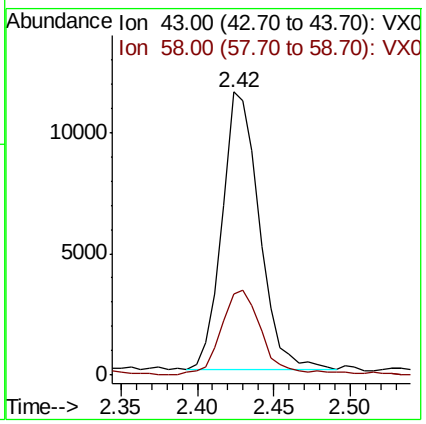


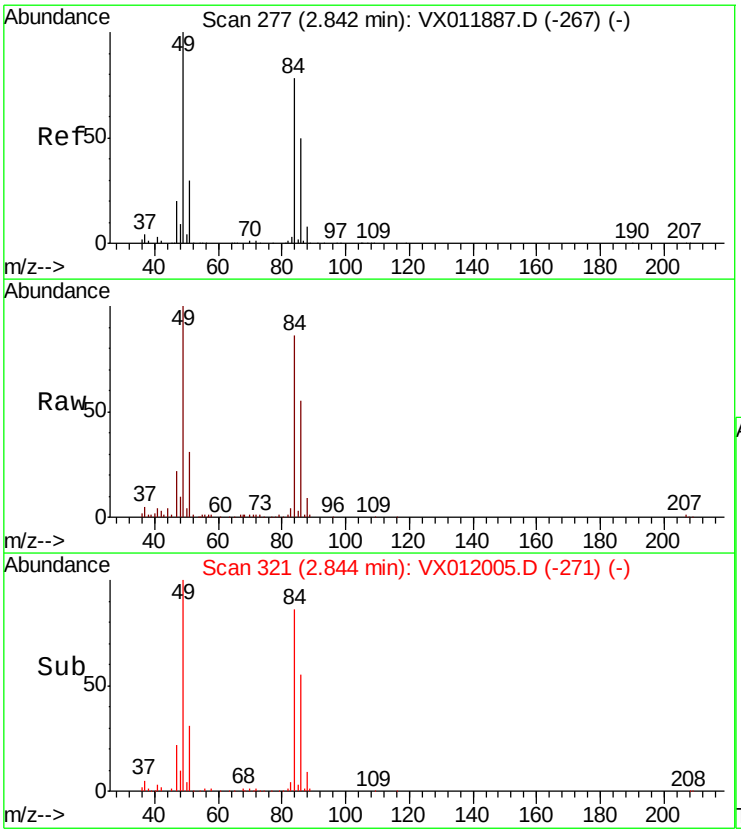
#16
Acetone
Concen: 21.080 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.00 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A1-(0)

Tgt Ion: 43 Resp: 19189

Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.8	35.8

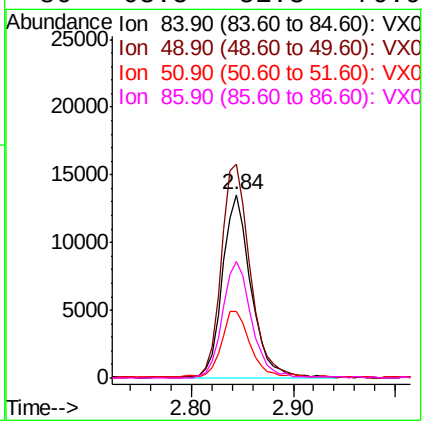


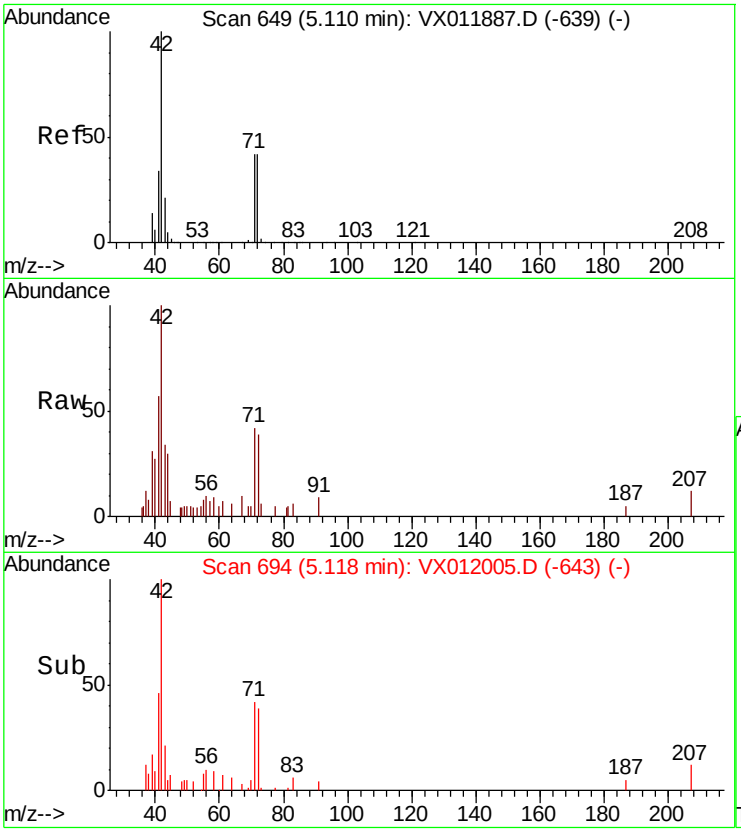


#20
Methylene Chloride
Concen: 2.051 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Tgt Ion: 84 Resp: 26256

Ion	Ratio	Lower	Upper
84	100		
49	116.0	103.0	154.4
51	35.9	30.8	46.2
86	63.5	51.3	76.9



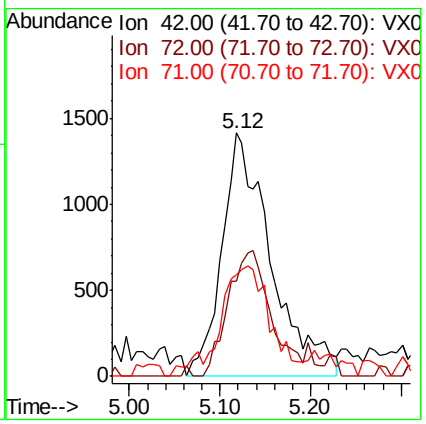


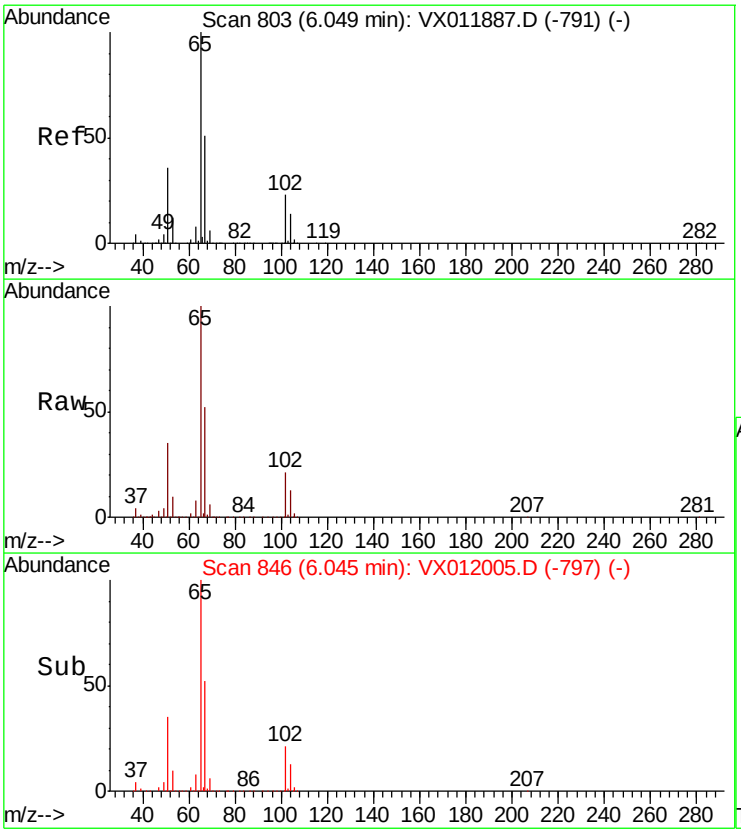
#29
Tetrahydrofuran
Concen: 6.452 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A1-(0)

Tgt Ion: 42 Resp: 5339

Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.2	54.4
71	42.3	33.1	49.7

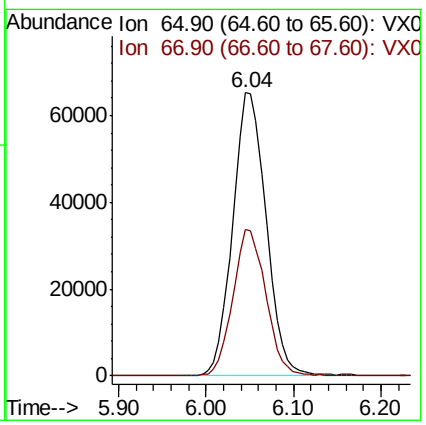


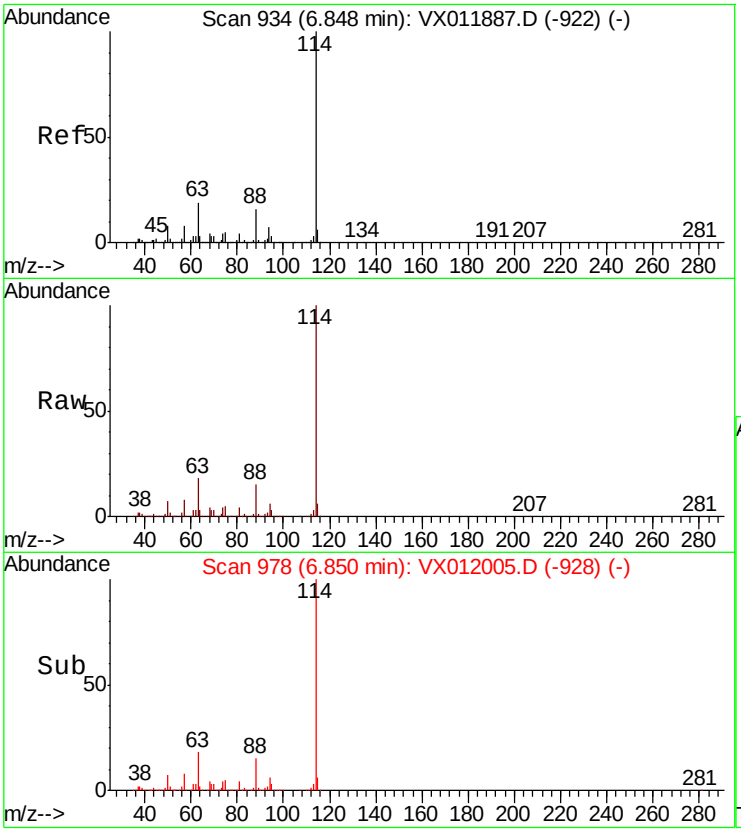


#33
1,2-Dichloroethane-d4
Concen: 41.132 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.00 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Tgt Ion: 65 Resp: 174017

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.2



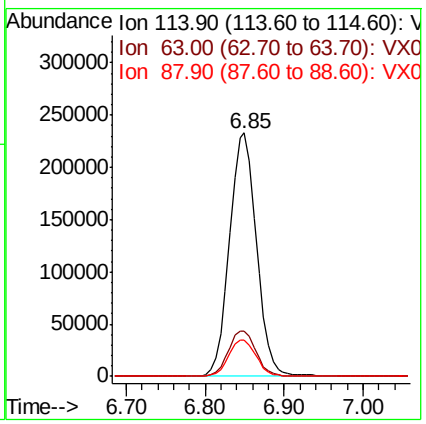


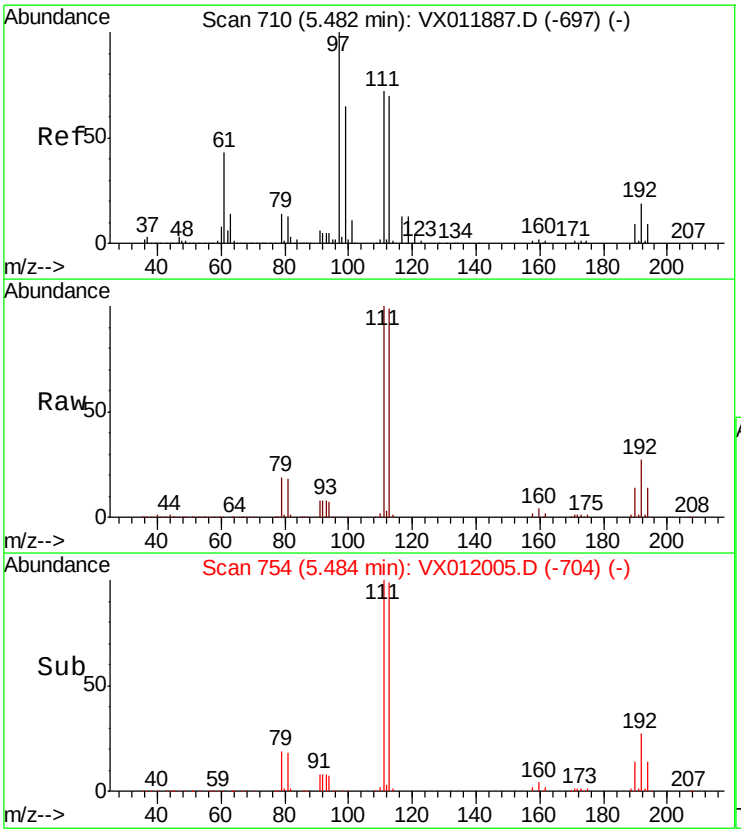
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A1-(0)

Tgt Ion:114 Resp: 555491

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.8
88	14.8	0.0	31.2

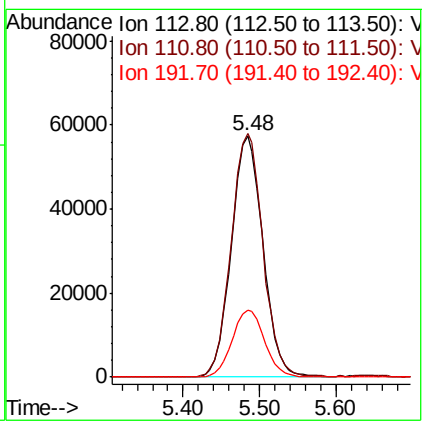


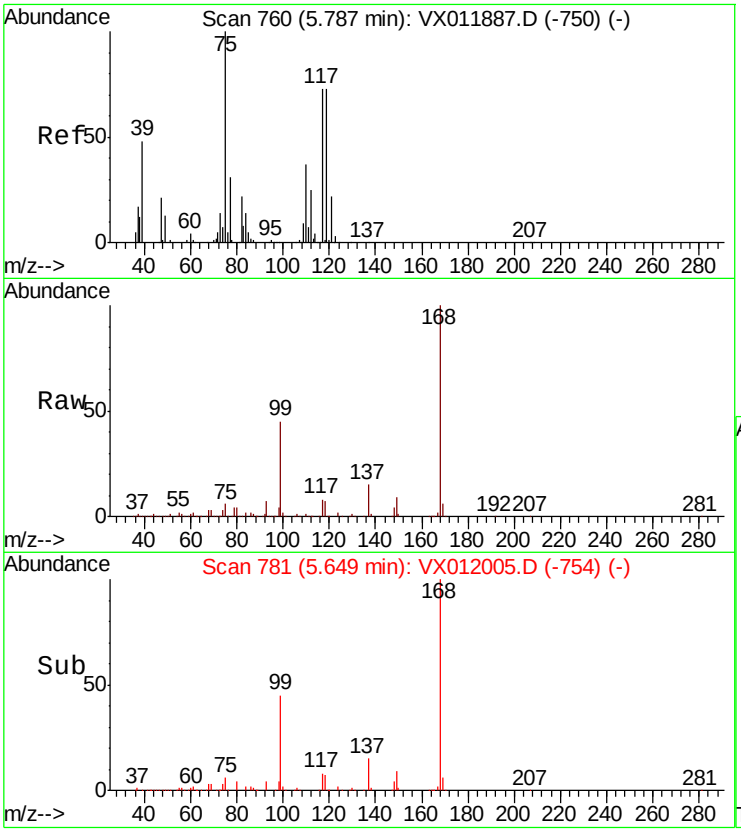


#35
Dibromofluoromethane
Concen: 46.117 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Tgt Ion:113 Resp: 164272

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.1	123.1
192	28.5	21.5	32.3



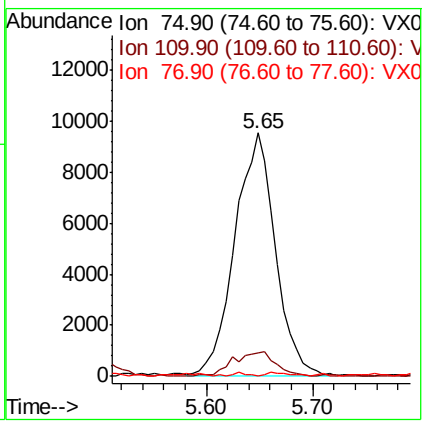


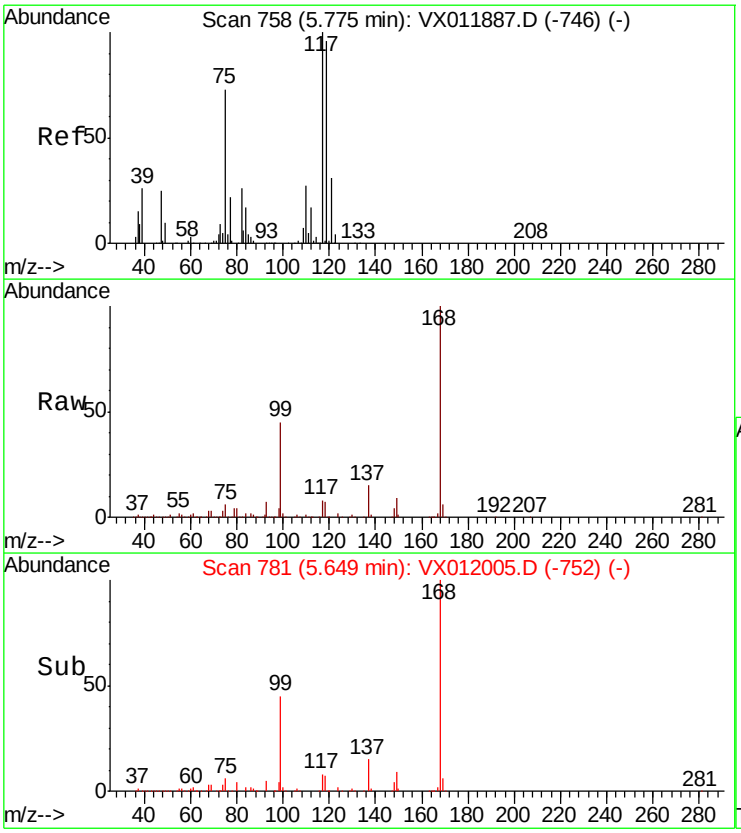
#36
1,1-Dichloropropene
Concen: 5.803 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Instrument : MSVOA_X
ClientSampleId : T9-12-13-A1-(0)

Tgt Ion: 75 Resp: 25536

Ion	Ratio	Lower	Upper
75	100		
110	10.7	19.1	57.3#
77	1.1	24.4	36.6#

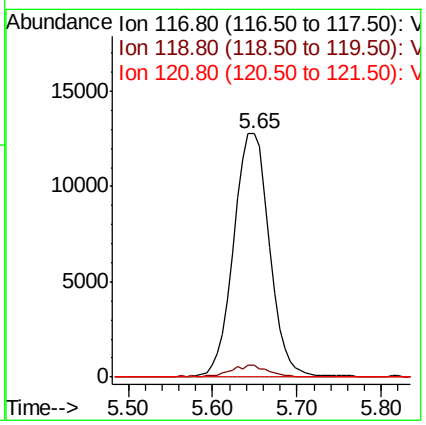


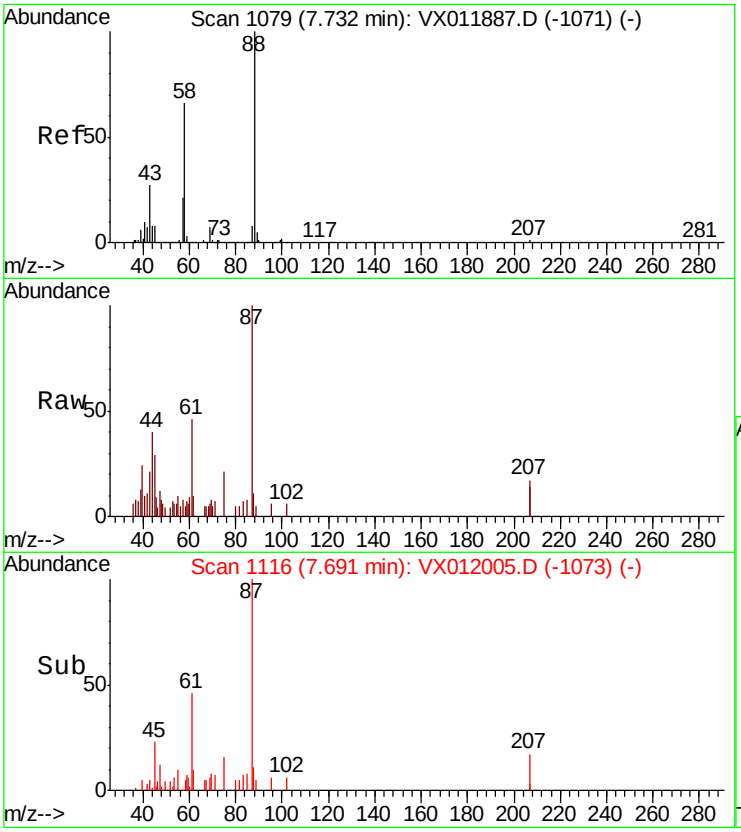


#38
Carbon Tetrachloride
Concen: 7.216 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Tgt Ion:117 Resp: 36831

Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.6	114.8#
121	0.0	24.7	37.1#



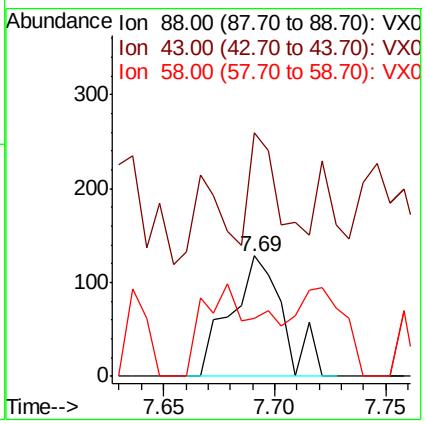


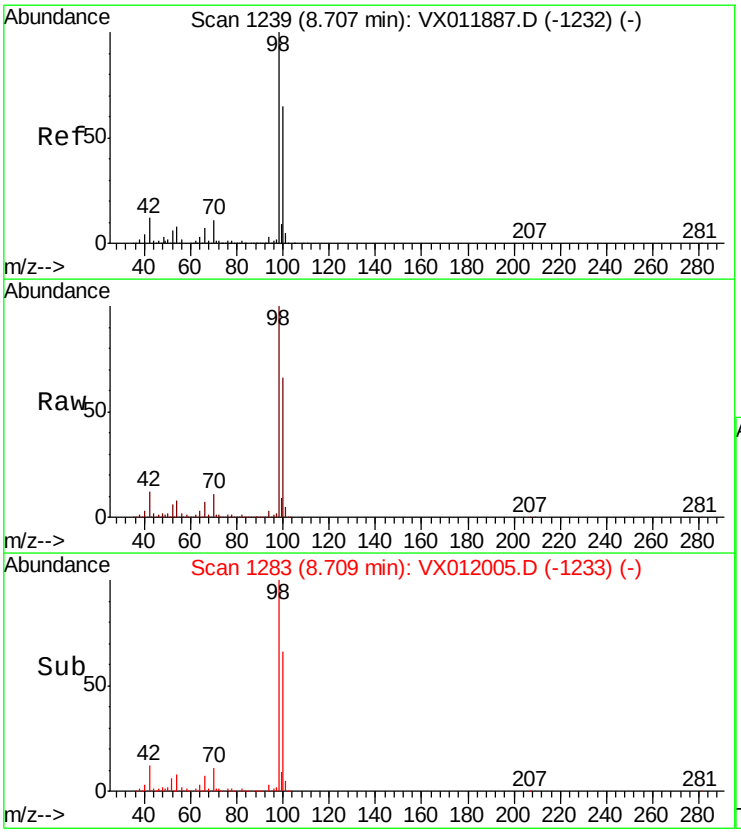
#49
1,4-Dioxane
Concen: 5.914 ug/l
RT: 7.69 min Scan# 1116
Delta R.T. -0.04 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A1-(0)

Tgt Ion: 88 Resp: 209

Ion	Ratio	Lower	Upper
88	100		
43	48.8	27.3	40.9#
58	0.0	53.9	80.9#

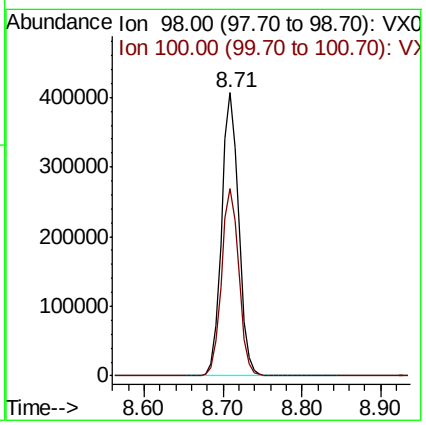


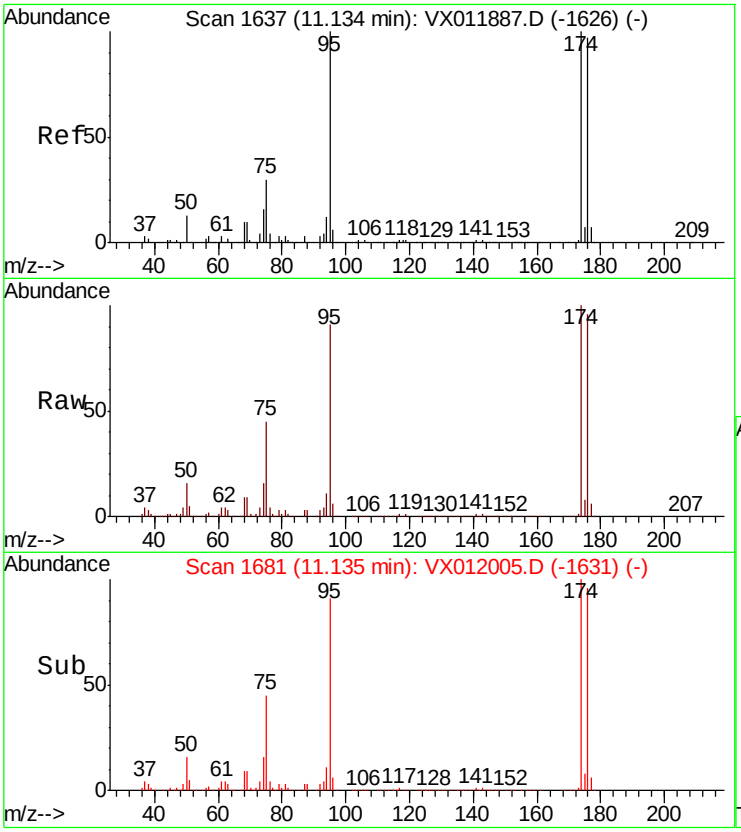


#50
Toluene-d8
Concen: 48.044 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Tgt Ion: 98 Resp: 611757

Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.0	79.6



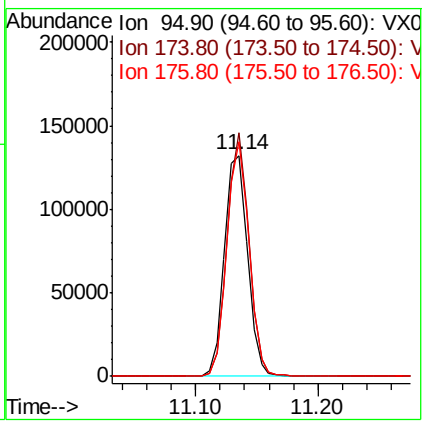


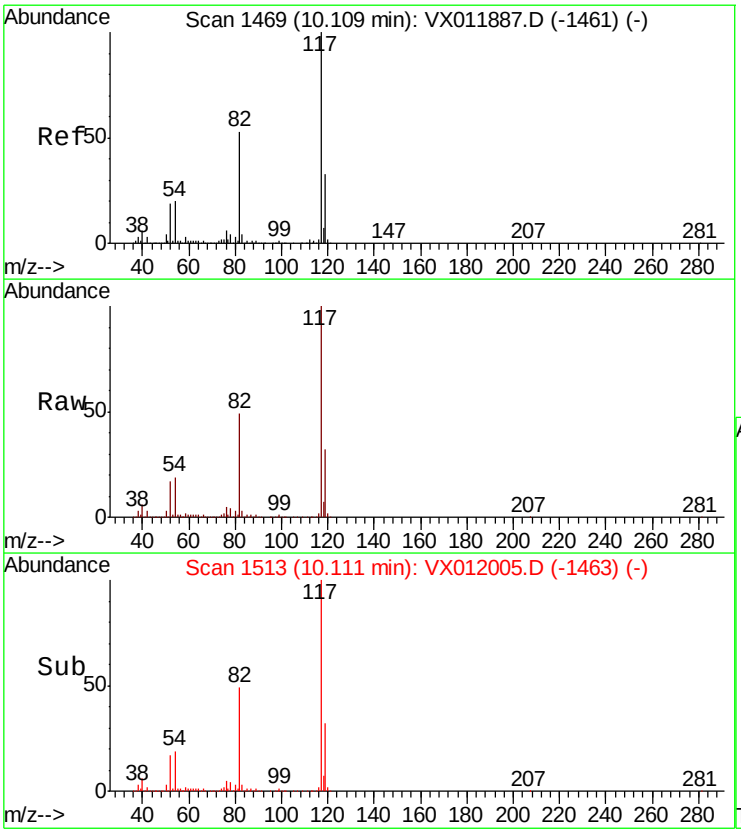
#62
4-Bromofluorobenzene
Concen: 31.069 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A1-(0)

Tgt Ion: 95 Resp: 173540

Ion	Ratio	Lower	Upper
95	100		
174	102.7	0.0	196.0
176	101.1	0.0	191.4

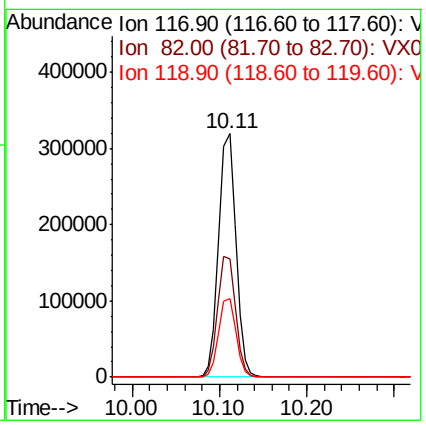


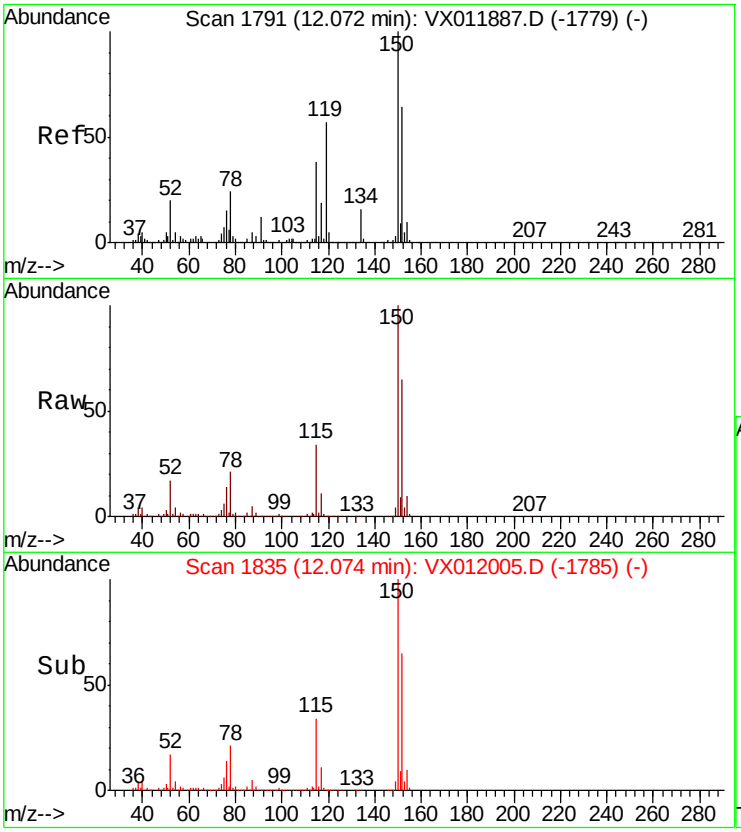


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Tgt Ion:117 Resp: 438427

Ion	Ratio	Lower	Upper
117	100		
82	48.5	42.0	63.0
119	32.5	26.2	39.4



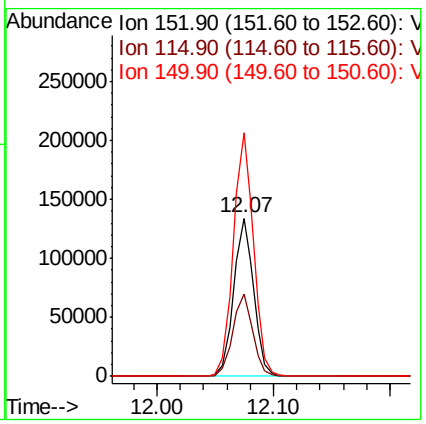


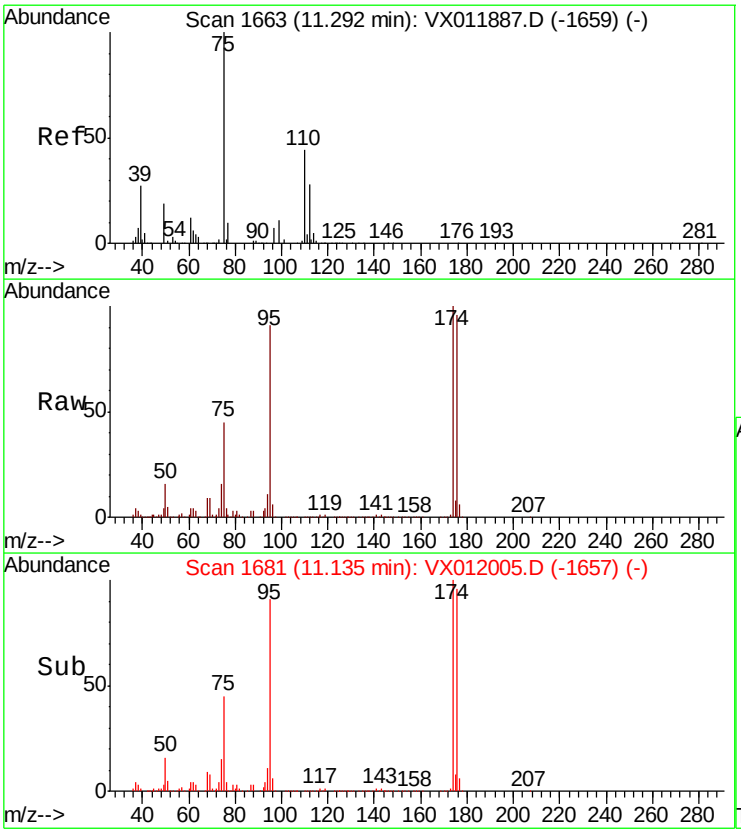
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A1-(0)

Tgt Ion:152 Resp: 160580

Ion	Ratio	Lower	Upper
152	100		
115	52.1	37.1	111.3
150	154.9	0.0	339.6

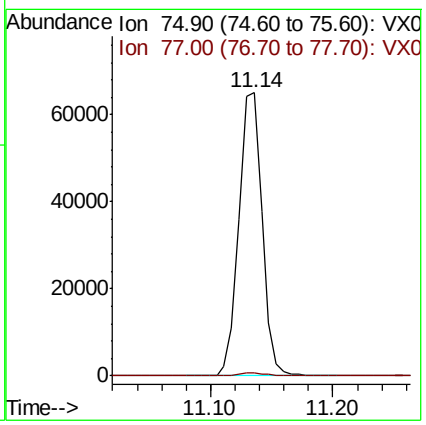


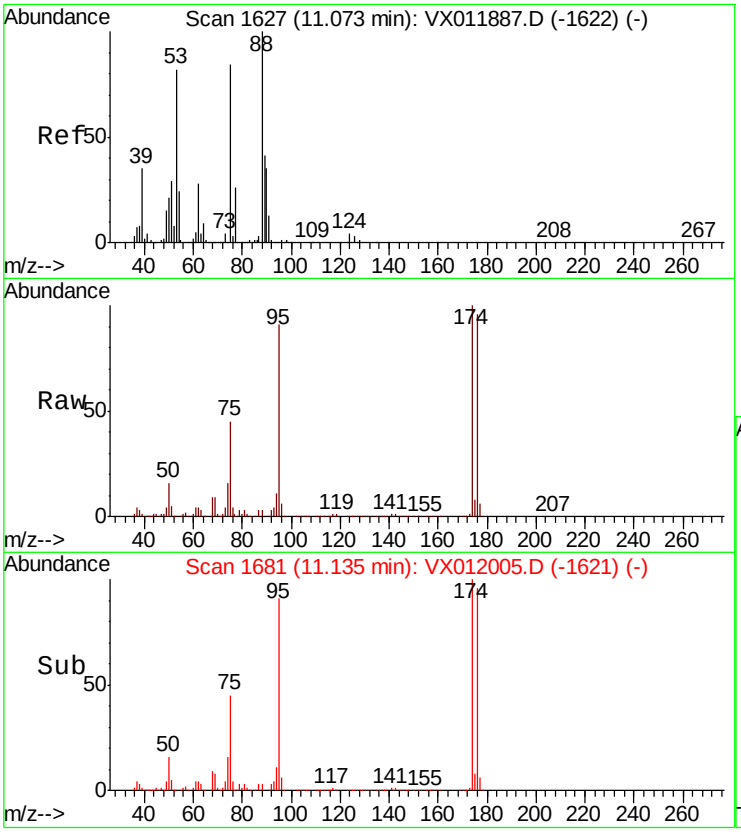


#76
1,2,3-Trichloropropane
Concen: 54.126 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Tgt Ion: 75 Resp: 85499

Ion	Ratio	Lower	Upper
75	100		
77	1.5	20.9	62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 135.974 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.06 min
Lab File: VX012005.D
Acq: 01 Sep 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-A1-(0)

Tgt Ion: 75 Resp: 85499

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