Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
Data File : VX012347.D
Acq On : 12 Sep 2019 15:01
Operator : SY/SP
Sample : K4694-05
Misc : 4.22g/5.0mL/MSVOA_X/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : T1-2-(1.5)

Quant Time: Sep 13 01:58:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	214238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	70583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	106024	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.92%			
35) Dibromofluoromethane	5.48	113	80173	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.88%			
50) Toluene-d8	8.71	98	303301	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.26%			
62) 4-Bromofluorobenzene	11.14	95	99794	35.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.86%			
Target Compounds						Qvalue
5) Bromomethane	1.65	94	416	Below Cal	#	55
8) Diethyl Ether	2.17	74	932	1.348	ug/l	62
16) Acetone	2.43	43	1679	3.275	ug/l #	73
29) Tetrahydrofuran	5.14	42	1832	5.181	ug/l #	82
36) 1,1-Dichloropropene	5.65	75	14181	7.299	ug/l #	52
38) Carbon Tetrachloride	5.64	117	17569	7.707	ug/l #	16
49) 1,4-Dioxane	7.59	88	23	1.406	ug/l #	19
76) 1,2,3-Trichloropropane	11.14	75	52171	57.537	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	52171	172.393	ug/l #	5

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091219\
Data File : VX012347.D
Acq On : 12 Sep 2019 15:01
Operator : SY/SP
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Misc : 4.22g/5.0mL/MSVOA_X/SOIL
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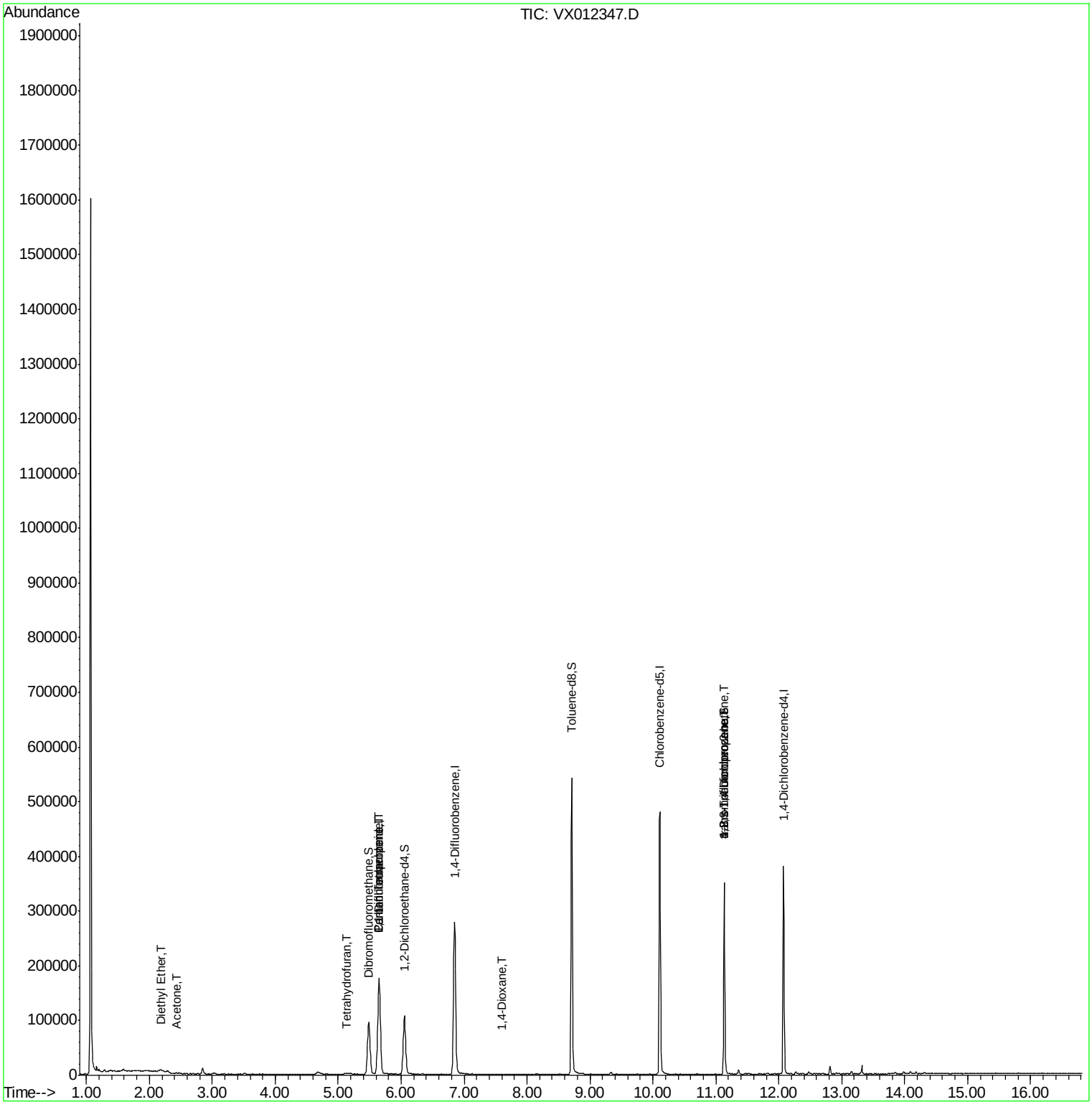
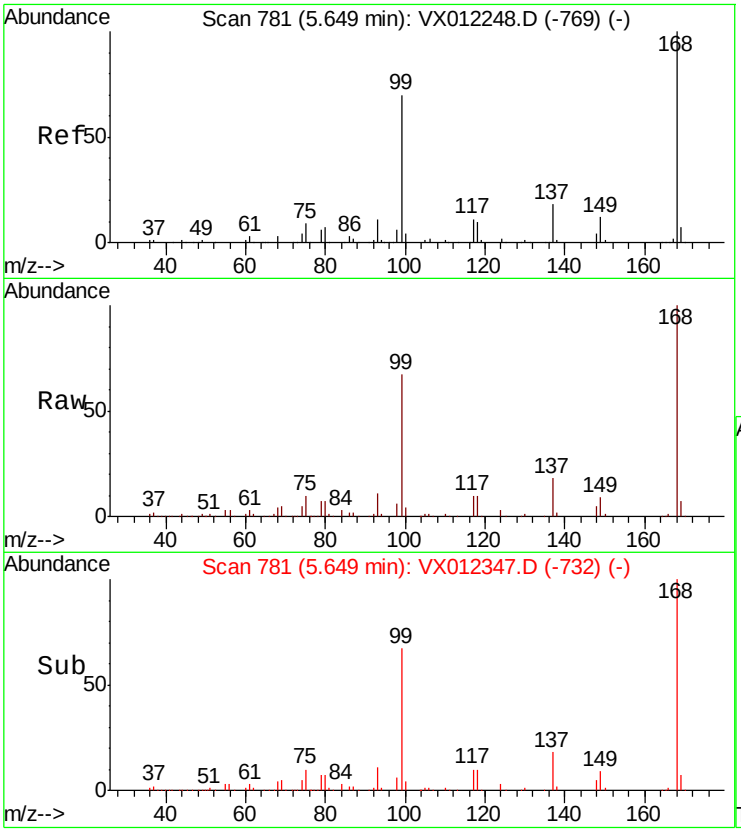
Instrument :
MSVOA_X
ClientSampleId :
T1-2-(1.5)

Quant Time: Sep 13 01:58:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration



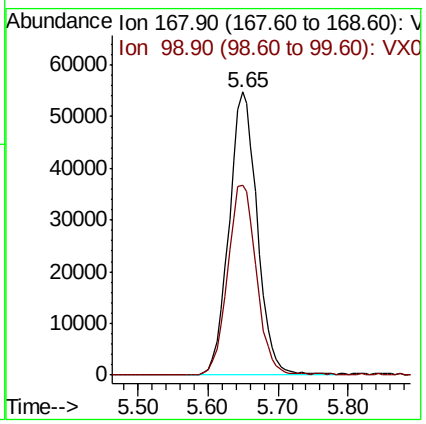


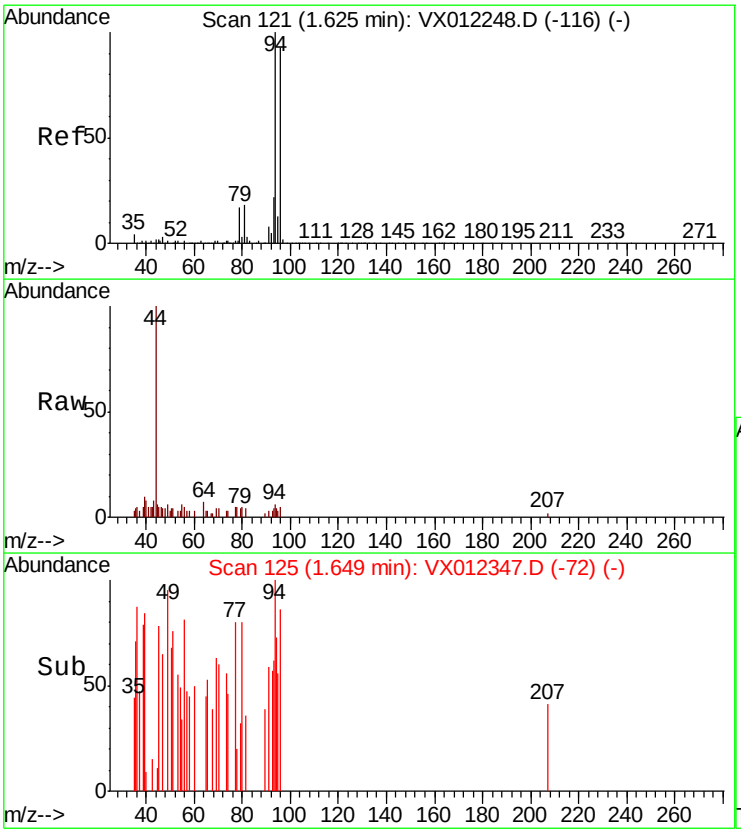
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Instrument : MSVOA_X
ClientSampleId : T1-2-(1.5)

Tgt Ion:168 Resp: 153170

Ion	Ratio	Lower	Upper
168	100		
99	67.1	55.8	83.6

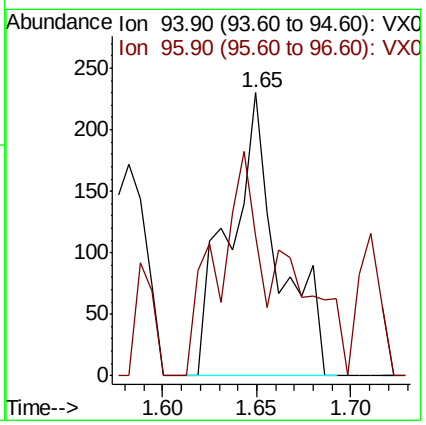


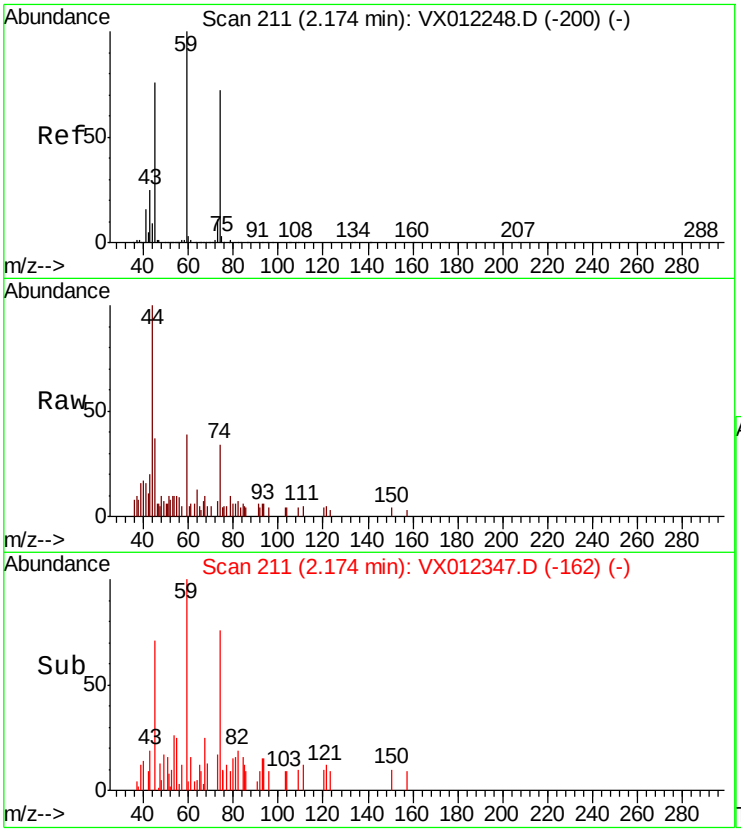


#5
Bromomethane
Concen: Below Cal
RT: 1.65 min Scan# 125
Delta R.T. 0.03 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Tgt Ion: 94 Resp: 416

Ion	Ratio	Lower	Upper
94	100		
96	49.6	74.0	111.0#



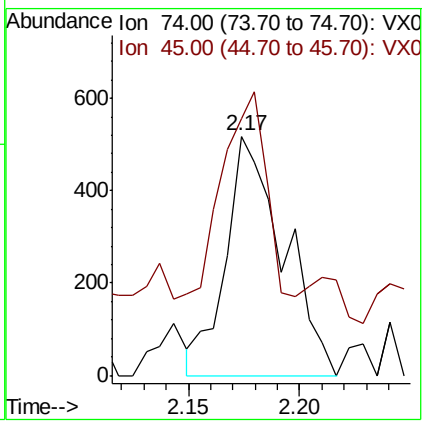


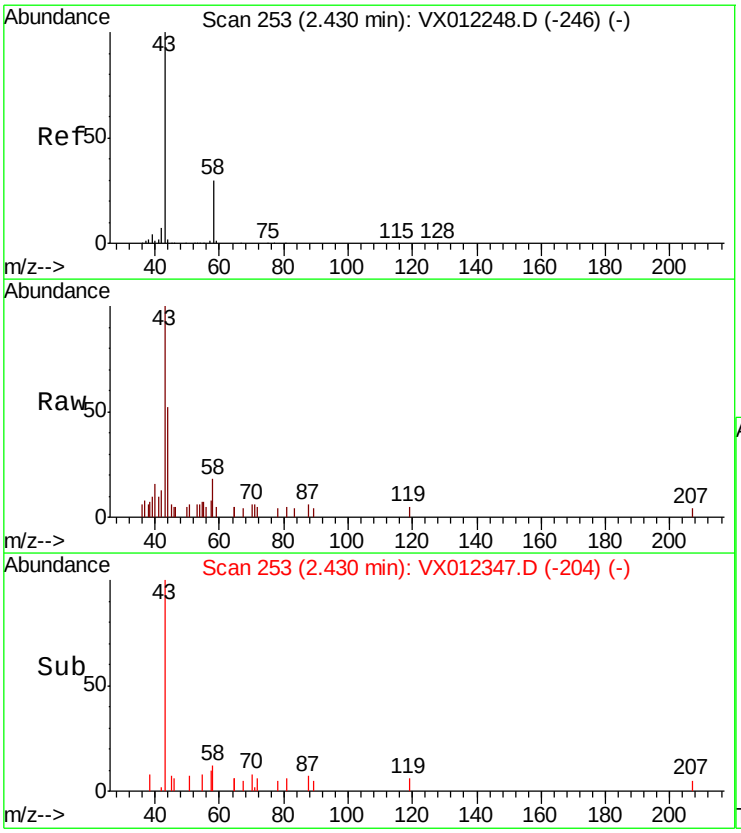
#8
Diethyl Ether
Concen: 1.348 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
T1-2-(1.5)

Tgt Ion: 74 Resp: 932

Ion	Ratio	Lower	Upper
74	100		
45	64.3	51.3	153.9

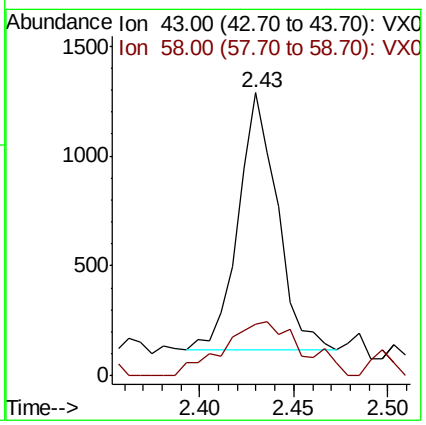


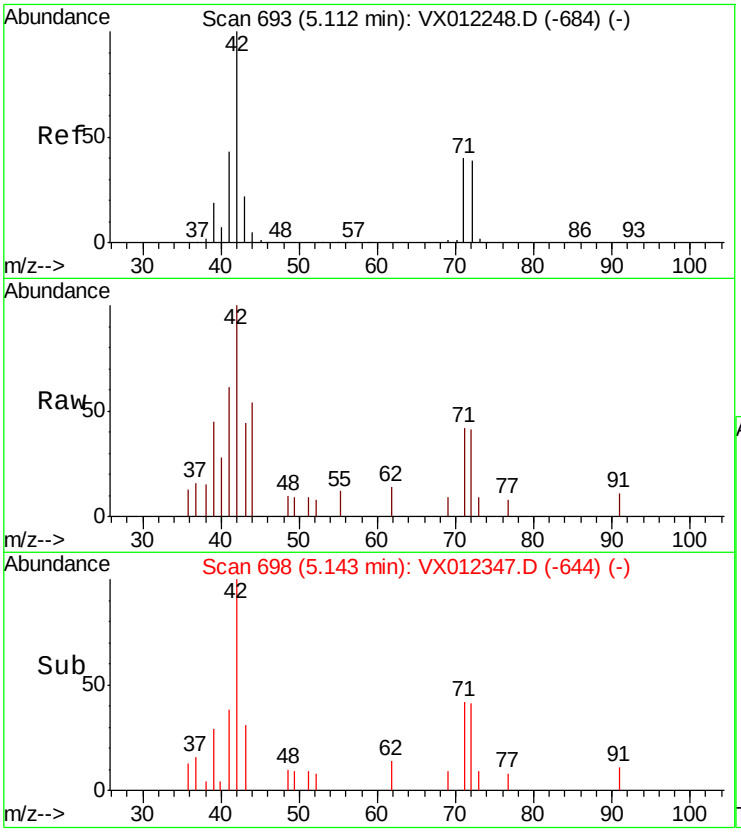


#16
Acetone
Concen: 3.275 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Tgt Ion: 43 Resp: 1679

Ion	Ratio	Lower	Upper
43	100		
58	15.2	23.6	35.4#



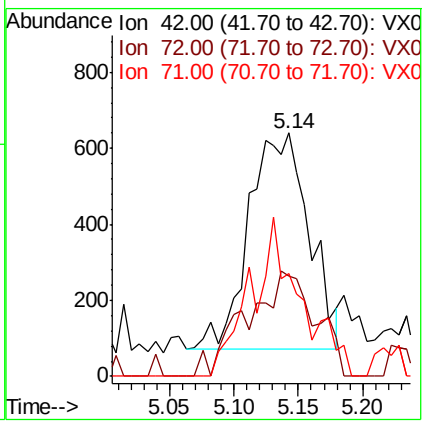


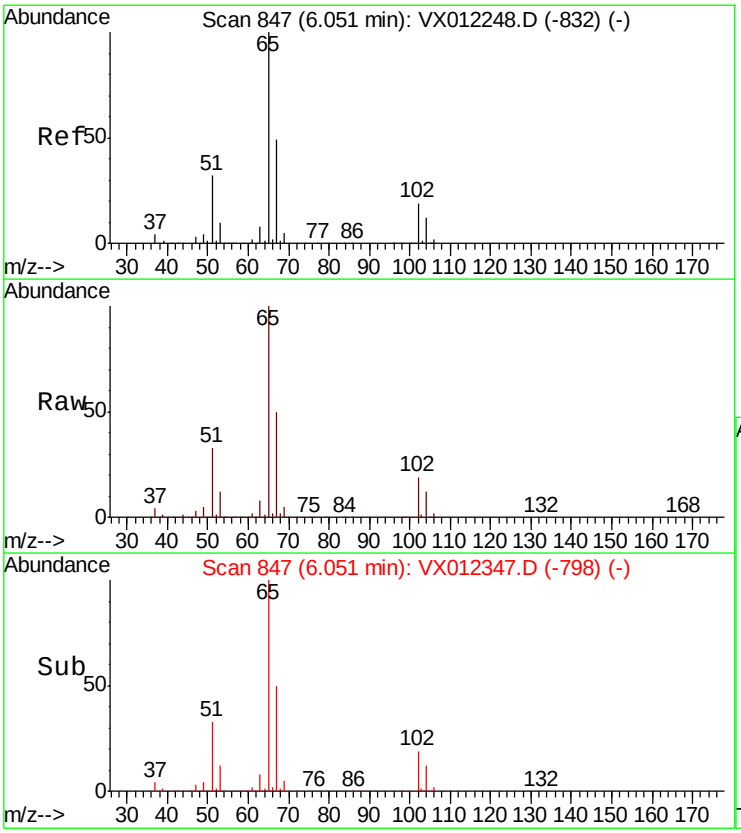
#29
Tetrahydrofuran
Concen: 5.181 ug/l
RT: 5.14 min Scan# 698
Delta R.T. 0.03 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
T1-2-(1.5)

Tgt Ion: 42 Resp: 1832

Ion	Ratio	Lower	Upper
42	100		
72	41.9	35.2	52.8
71	61.8	32.5	48.7#

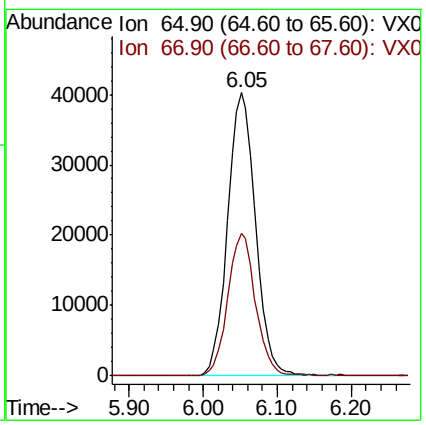


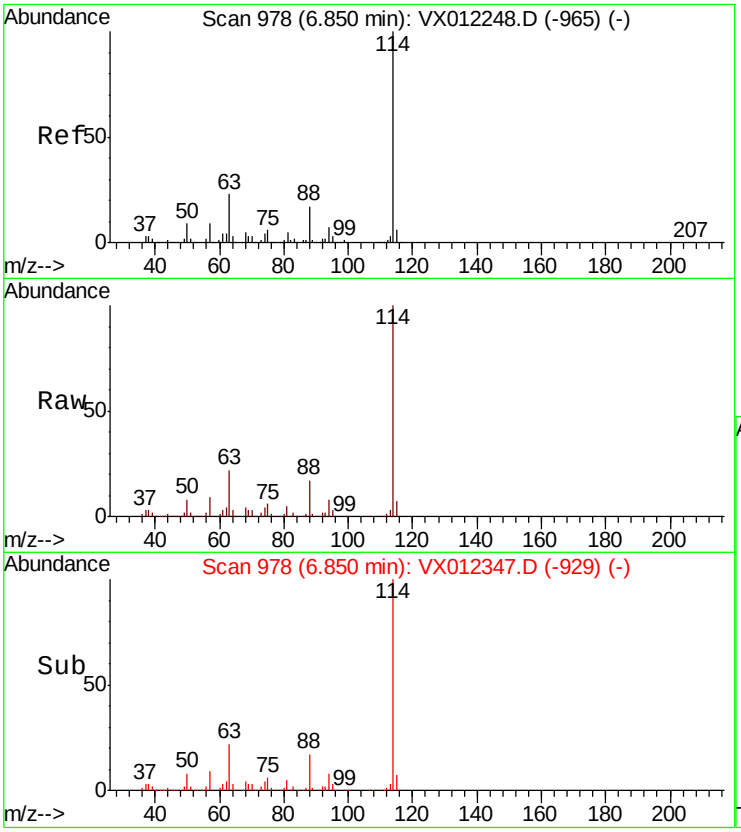


#33
1,2-Dichloroethane-d4
Concen: 48.960 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Tgt Ion: 65 Resp: 106024

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	99.8



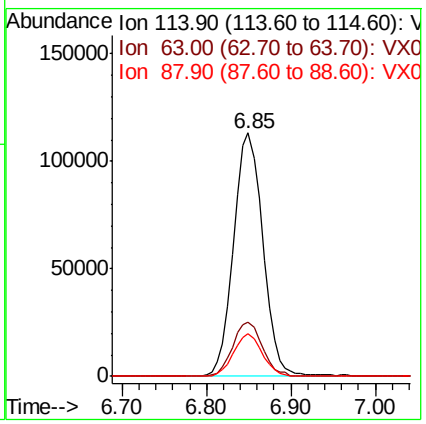


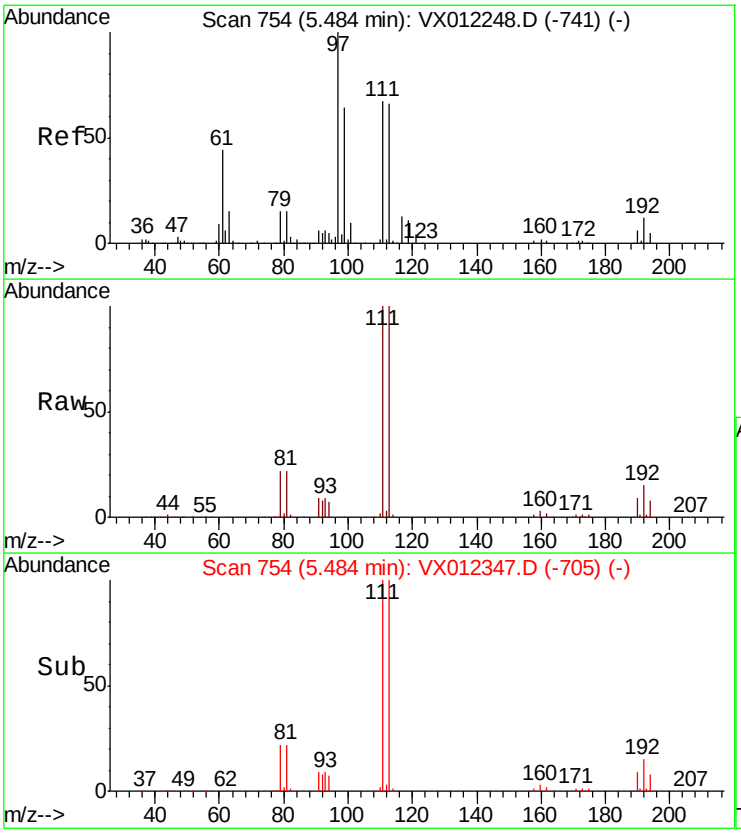
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
T1-2-(1.5)

Tgt Ion:114 Resp: 266465

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	45.2
88	17.2	0.0	34.8

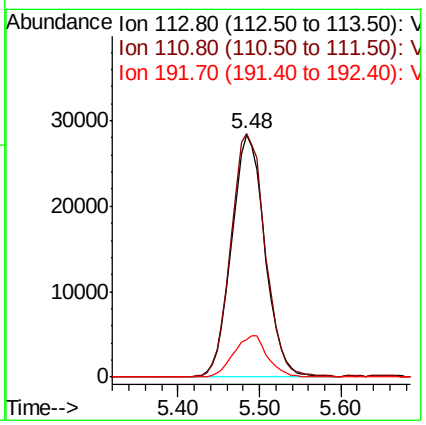


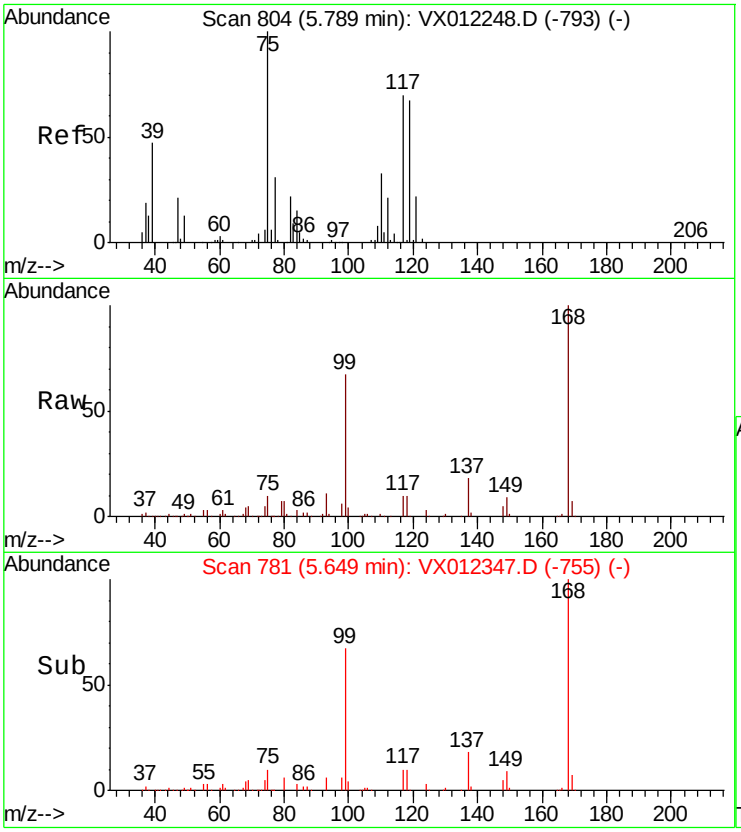


#35
Dibromofluoromethane
Concen: 46.935 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Tgt Ion:113 Resp: 80173

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.0	124.6
192	17.2	14.3	21.5



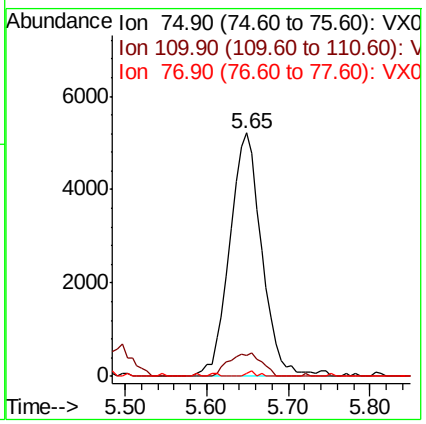


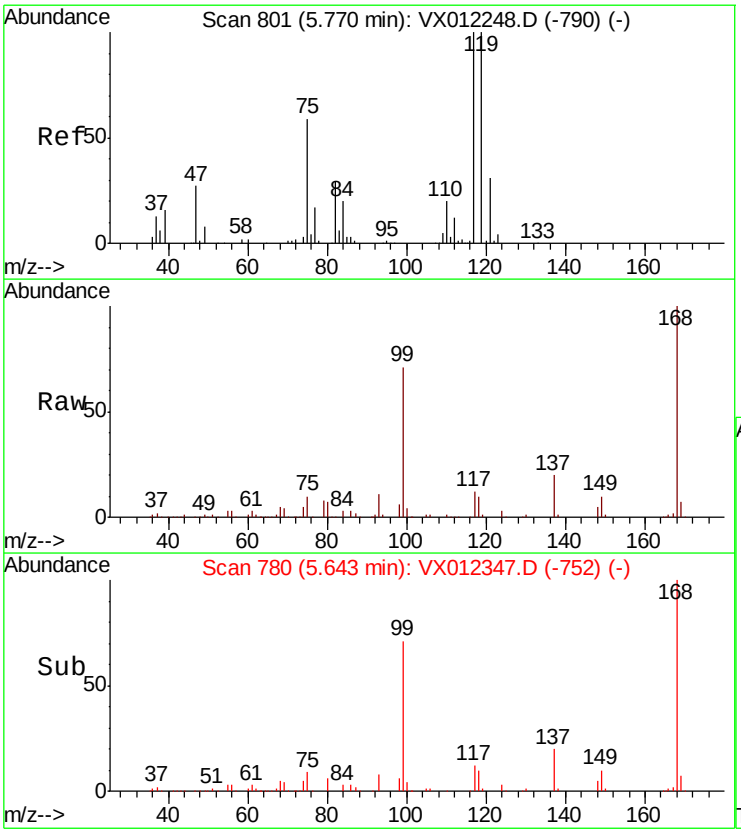
#36
1,1-Dichloropropene
Concen: 7.299 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.14 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
T1-2-(1.5)

Tgt Ion: 75 Resp: 14181

Ion	Ratio	Lower	Upper
75	100		
110	9.8	16.8	50.4#
77	0.6	24.5	36.7#

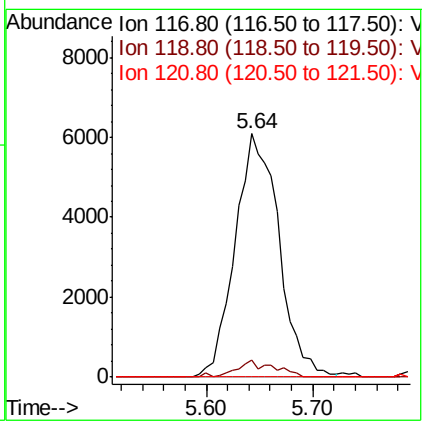


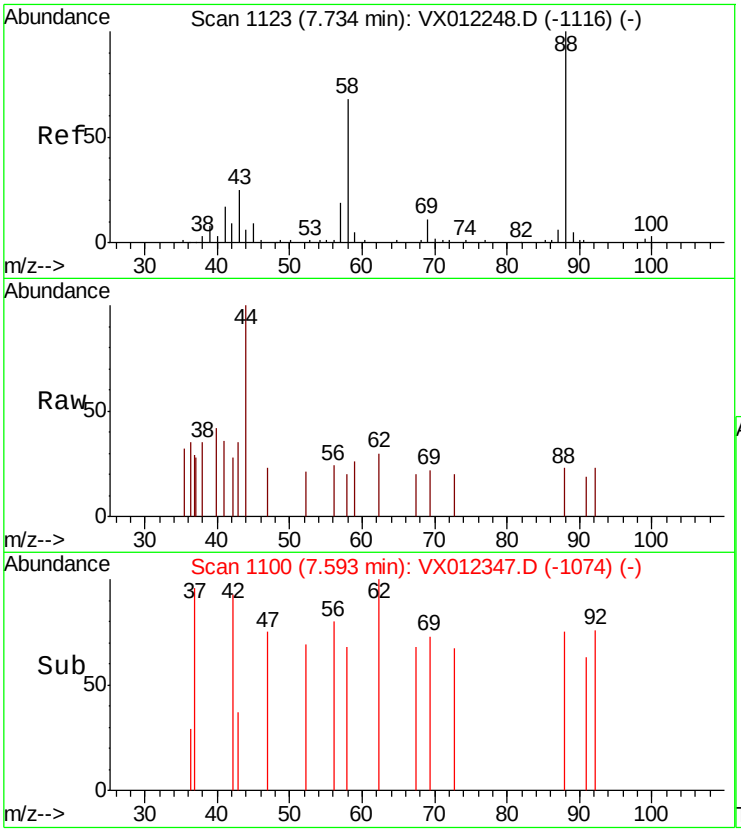


#38
Carbon Tetrachloride
Concen: 7.707 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Tgt Ion:117 Resp: 17569

Ion	Ratio	Lower	Upper
117	100		
119	7.1	79.6	119.4#
121	0.0	24.7	37.1#



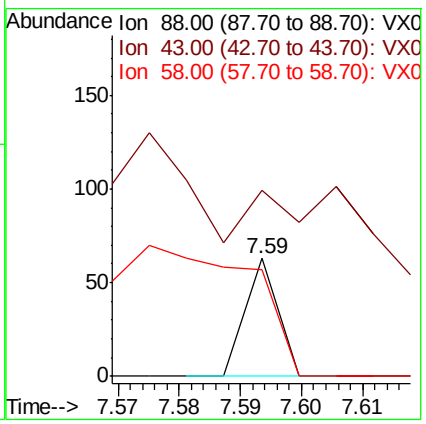


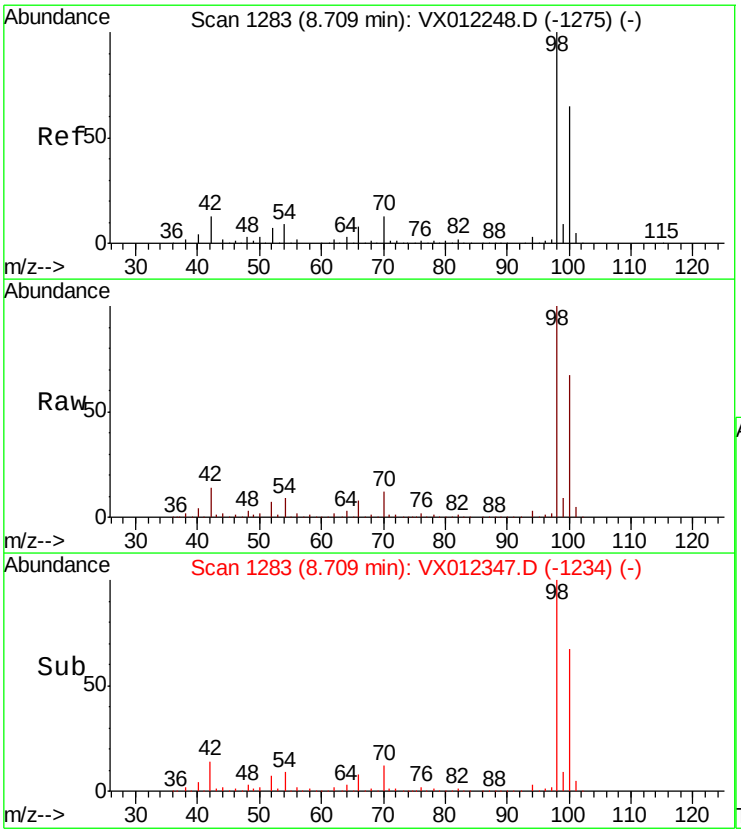
#49
1,4-Dioxane
Concen: 1.406 ug/l
RT: 7.59 min Scan# 1100
Delta R.T. -0.14 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
T1-2-(1.5)

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.0	46.4#
58	0.0	61.5	92.3#

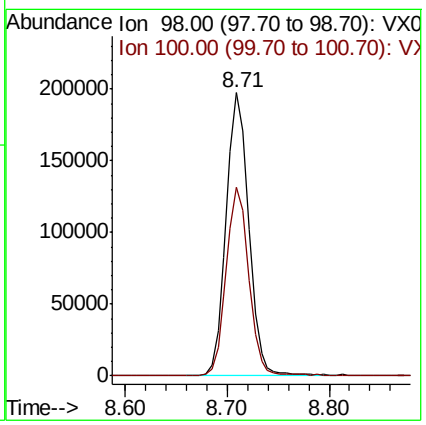


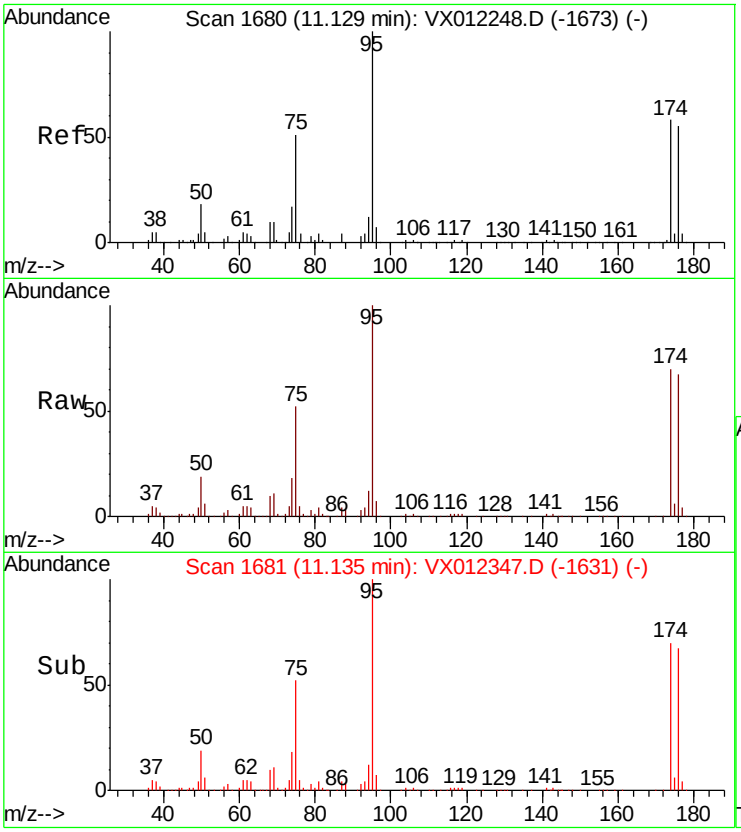


#50
Toluene-d8
Concen: 50.625 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Tgt Ion: 98 Resp: 303301

Ion	Ratio	Lower	Upper
98	100		
100	67.0	54.1	81.1



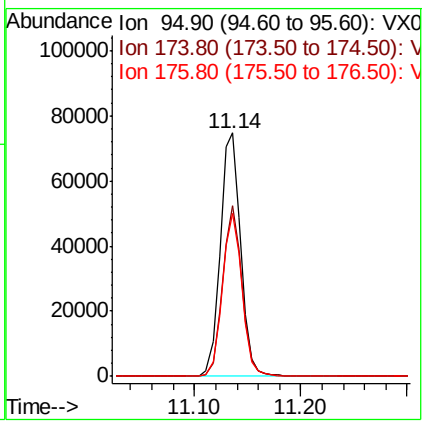


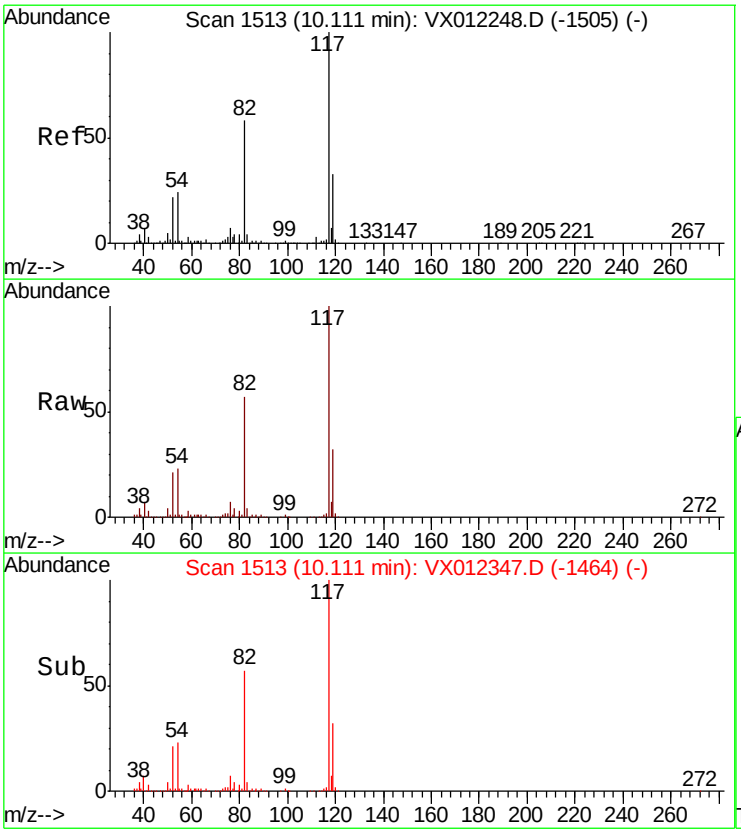
#62
4-Bromofluorobenzene
Concen: 35.930 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Instrument : MSVOA_X
ClientSampleId : T1-2-(1.5)

Tgt Ion: 95 Resp: 99794

Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	127.0
176	64.7	0.0	125.8

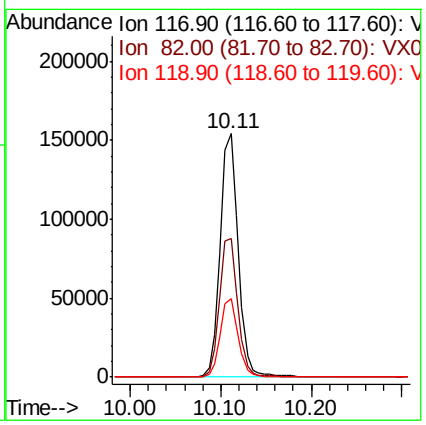


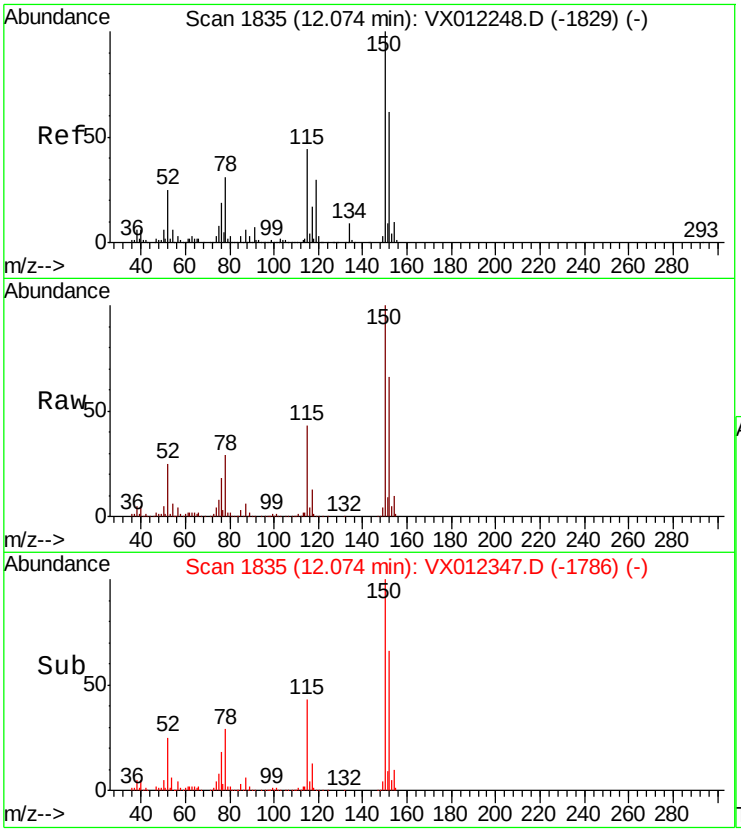


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Tgt Ion:117 Resp: 214238

Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.4	69.6
119	32.3	26.6	39.8



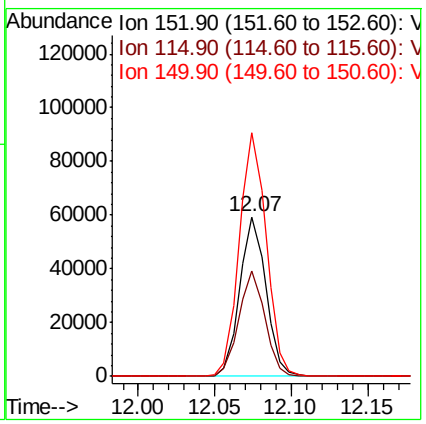


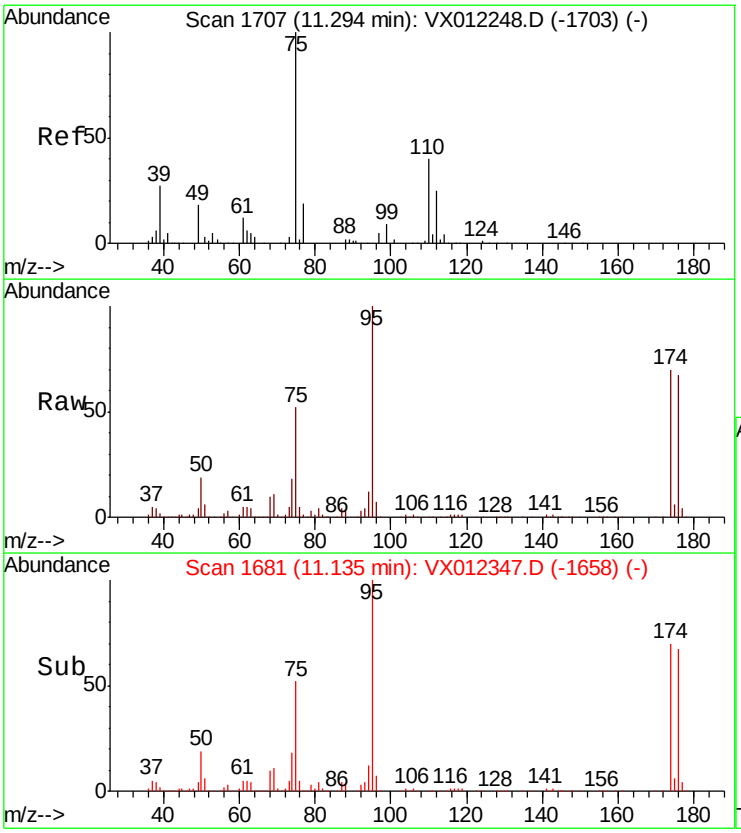
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
T1-2-(1.5)

Tgt Ion:152 Resp: 70583

Ion	Ratio	Lower	Upper
152	100		
115	65.8	45.5	136.4
150	157.7	0.0	346.4

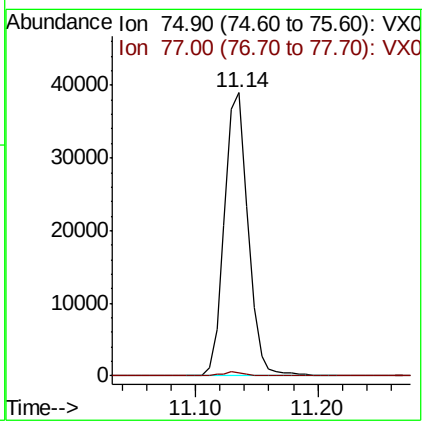


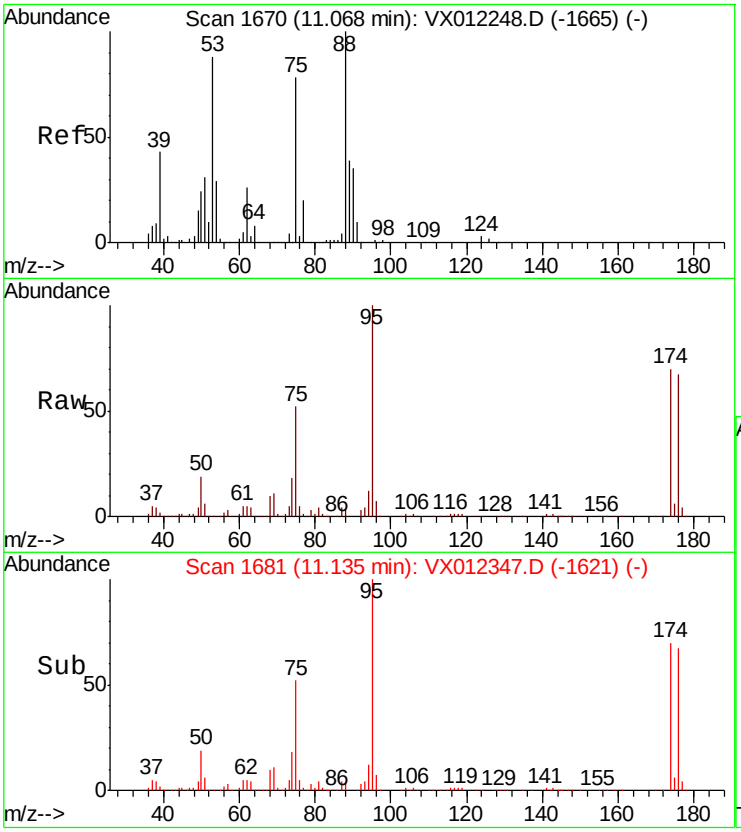


#76
1,2,3-Trichloropropane
Concen: 57.537 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Tgt Ion: 75 Resp: 52171

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.7	59.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 172.393 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012347.D
Acq: 12 Sep 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
T1-2-(1.5)

Tgt Ion: 75 Resp: 52171

Ion	Ratio	Lower	Upper
75	100		
53	0.3	88.1	132.1#
89	0.0	43.5	65.3#