Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF092618\
Data File : VF060359.D
Acq On : 26 Sep 2018 18:40
Operator : VA/AP
Sample : J5070-10RE
Misc : 6.30/5mL/MSVOA_F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CS-RBR-200028

Quant Time: Sep 27 03:06:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	364055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	618249	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	521799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	265391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	245656	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.22%			
35) Dibromofluoromethane	4.28	113	268525	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.44%			
50) Toluene-d8	7.70	98	616010	42.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.84%			
62) 4-Bromofluorobenzene	11.51	95	267516	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.00	85	287	Below Cal	#	40
5) Bromomethane	1.22	94	1344	Below Cal		84
11) Tert butyl alcohol	2.68	59	1098	Below Cal	#	1
13) Acrolein	2.16	56	565	Below Cal		84
16) Acetone	2.34	43	2889	2.093 ug/l	#	89
17) Carbon Disulfide	1.91	76	325	Below Cal	#	1
18) Methyl Acetate	2.48	43	2842	1.236 ug/l	#	80
20) Methylene Chloride	2.28	84	8118	Below Cal	#	91
29) Tetrahydrofuran	4.26	42	2368	3.480 ug/l	#	56
49) 1,4-Dioxane	6.88	88	106	4.303 ug/l	#	1
59) 2-Hexanone	9.63	43	3811	1.768 ug/l		97
78) n-propylbenzene	11.68	91	964	Below Cal		84
85) sec-Butylbenzene	12.38	105	990	Below Cal	#	78
86) p-Isopropyltoluene	12.54	119	1067	Below Cal	#	76
89) n-Butylbenzene	12.92	91	1525	Below Cal		79

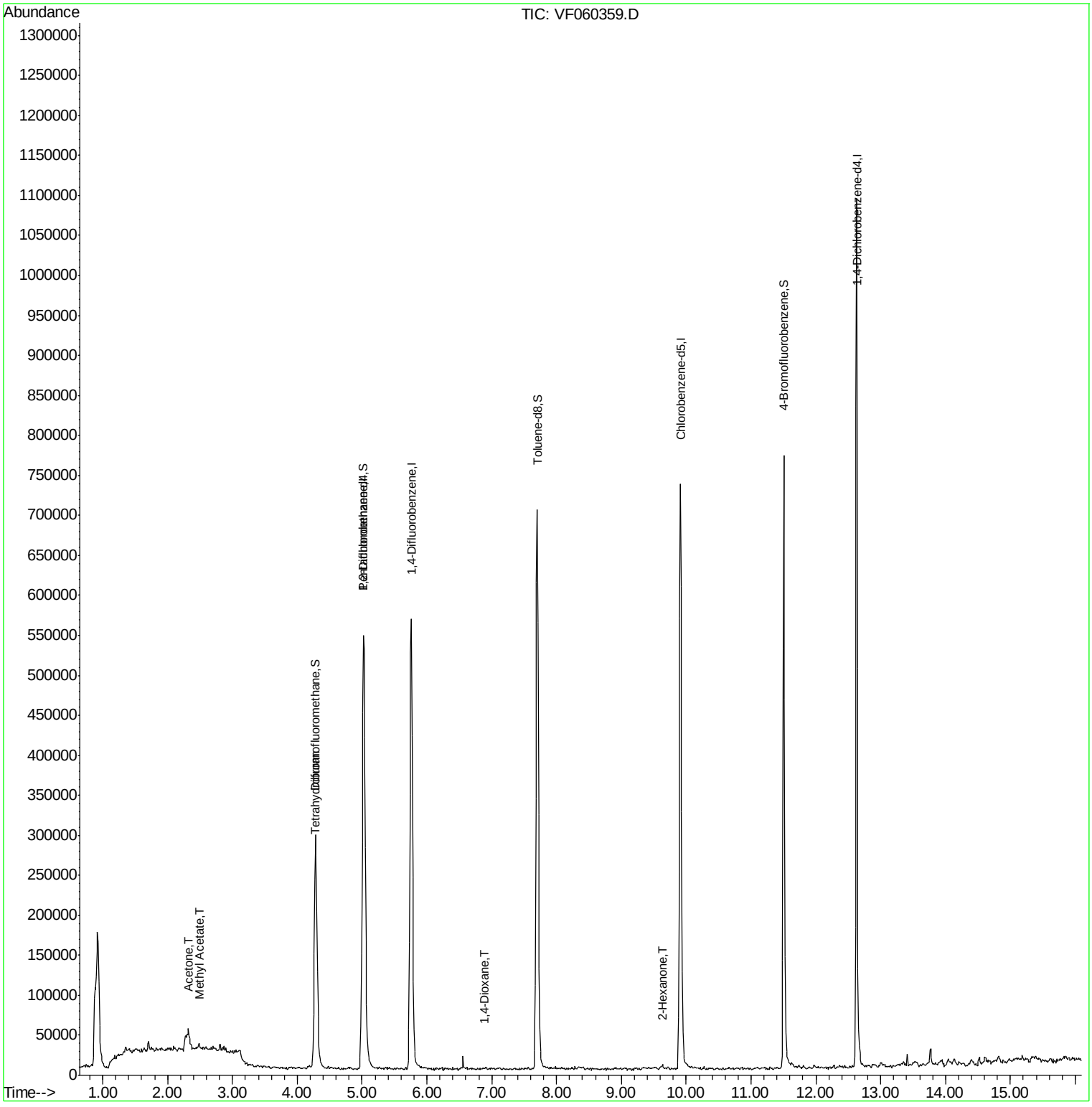
(#) = qualifier out of range (m) = manual integration (+) = signals summed

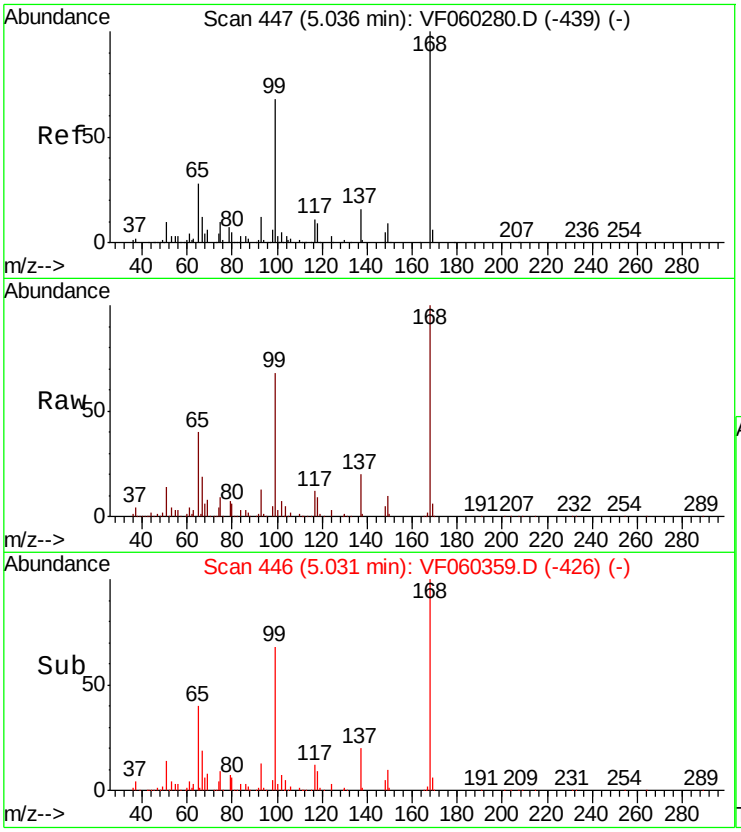
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092618\
Data File : VF060359.D
Acq On : 26 Sep 2018 18:40
Operator : VA/AP
Sample : J5070-10RE
Misc : 6.30/5mL/MSVOA F/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
CS-RBR-200028

Quant Time: Sep 27 03:06:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration



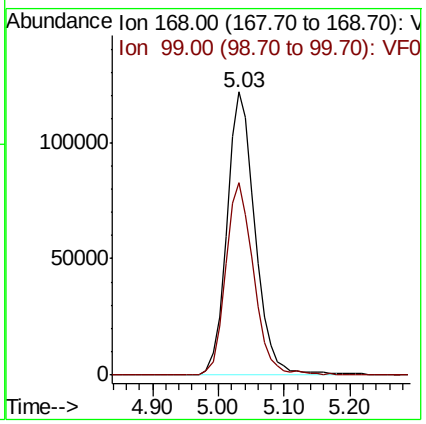


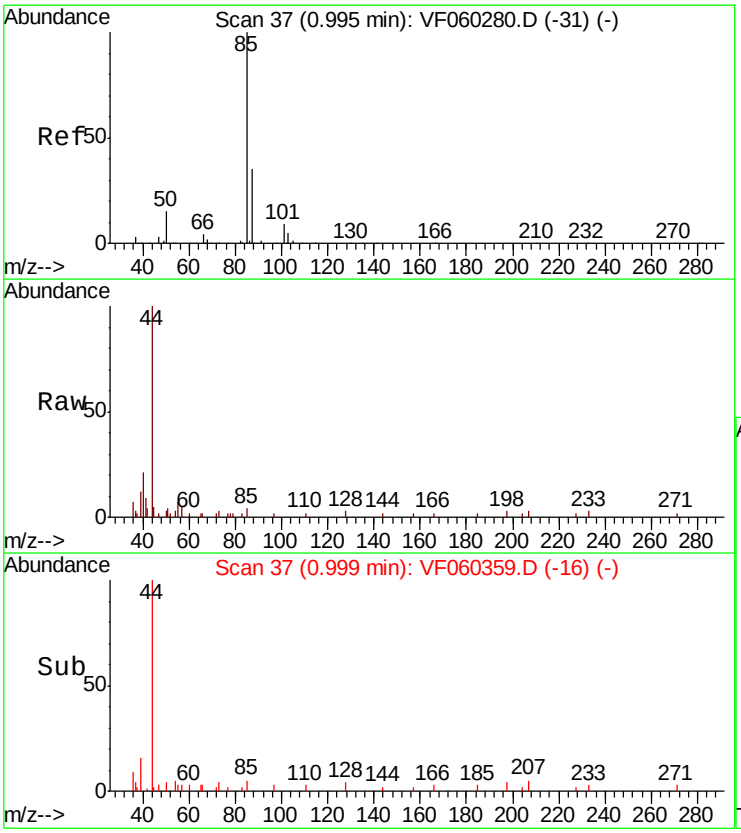
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.03 min Scan# 446
Delta R.T. -0.01 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Instrument :
MSVOA_F
ClientSampleId :
CS-RBR-200028

Tgt Ion:168 Resp: 364055

Ion	Ratio	Lower	Upper
168	100		
99	68.1	54.8	82.2

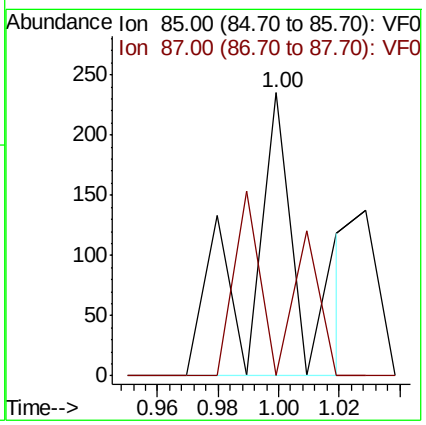


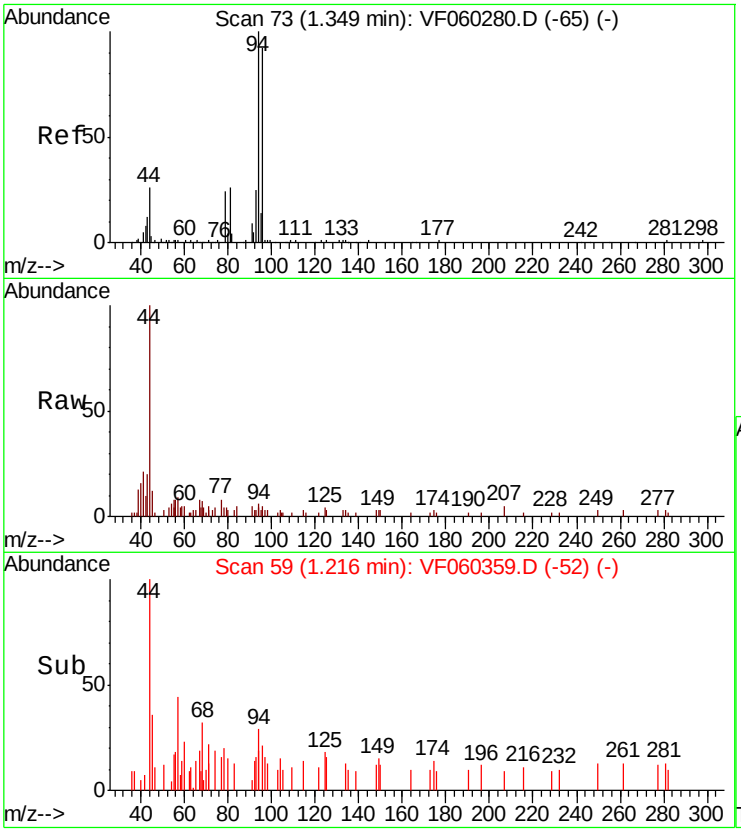


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.00 min Scan# 37
Delta R.T. 0.01 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Tgt Ion: 85 Resp: 287

Ion	Ratio	Lower	Upper
85	100		
87	0.0	17.3	52.0#



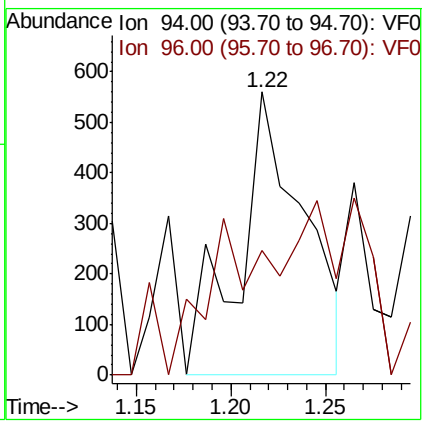


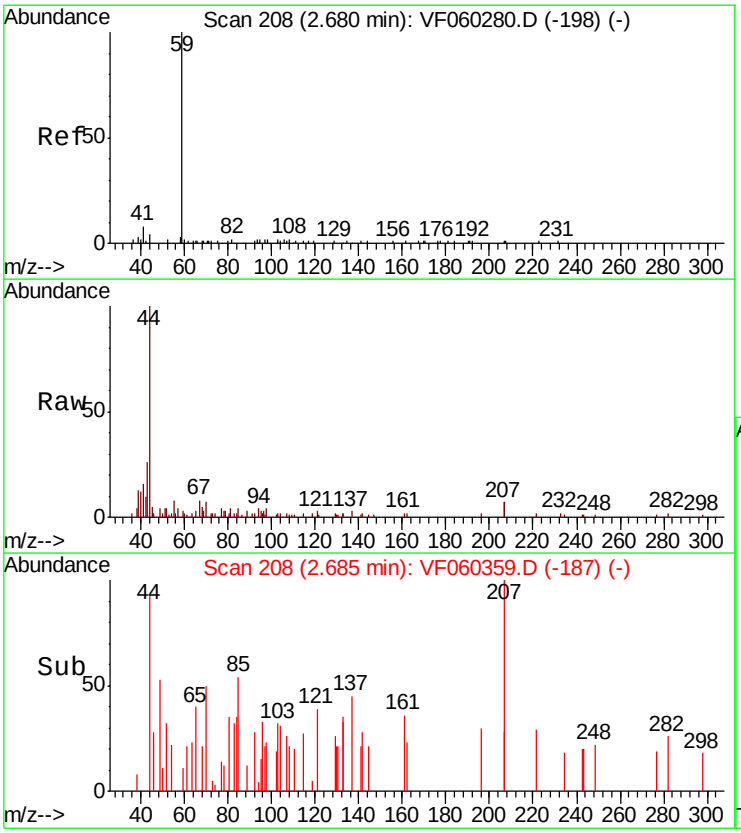
#5
Bromomethane
Concen: Below Cal
RT: 1.22 min Scan# 59
Delta R.T. -0.13 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Instrument :
MSVOA_F
ClientSampleId :
CS-RBR-200028

Tgt Ion: 94 Resp: 1344

Ion	Ratio	Lower	Upper
94	100		
96	76.8	73.9	110.9

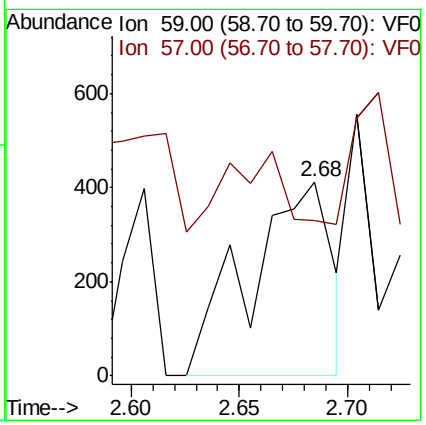


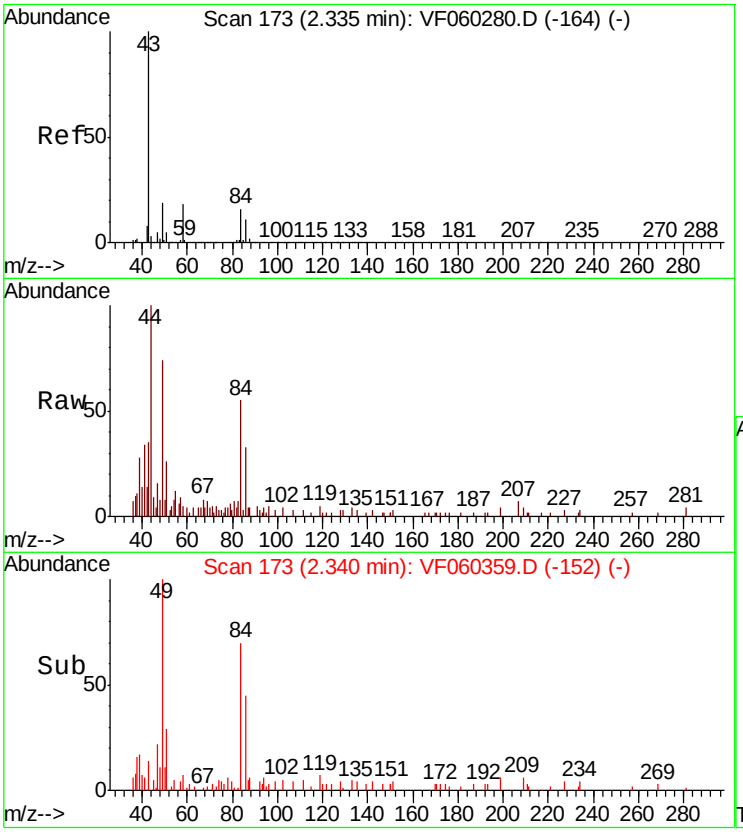


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.68 min Scan# 208
Delta R.T. 0.00 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Tgt Ion: 59 Resp: 1098

Ion	Ratio	Lower	Upper
59	100		
57	79.9	12.4	18.6#



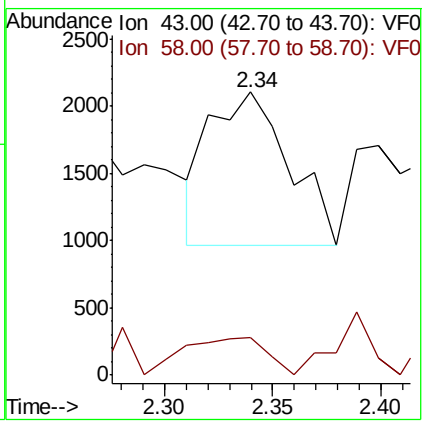


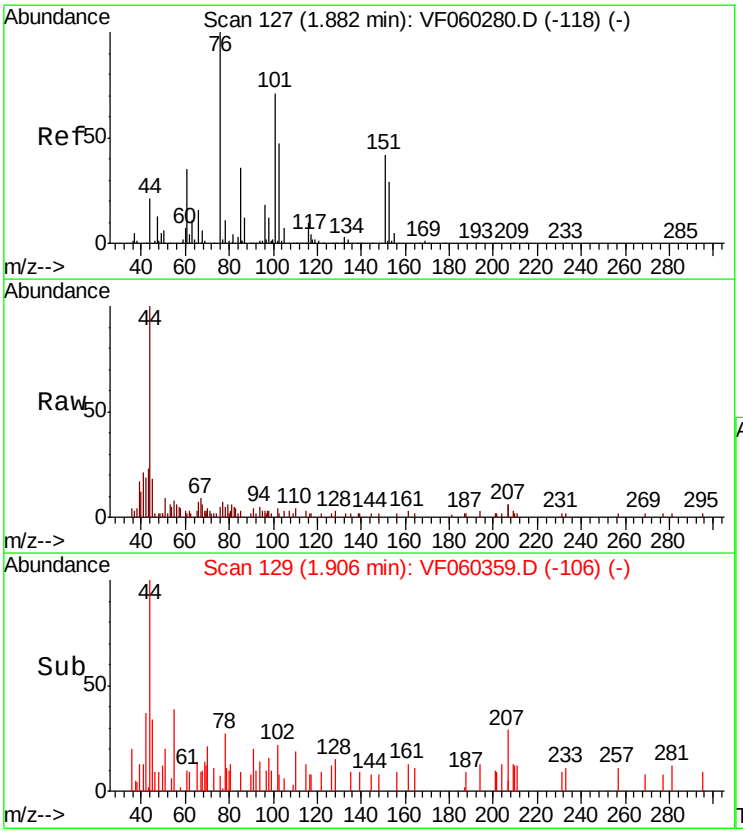
#16
Acetone
Concen: 2.093 ug/l
RT: 2.34 min Scan# 173
Delta R.T. 0.00 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Instrument :
MSVOA_F
ClientSampleId :
CS-RBR-200028

Tgt Ion: 43 Resp: 2889

Ion	Ratio	Lower	Upper
43	100		
58	13.2	14.5	21.7#

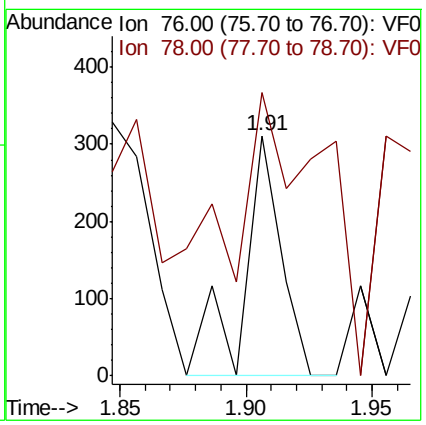


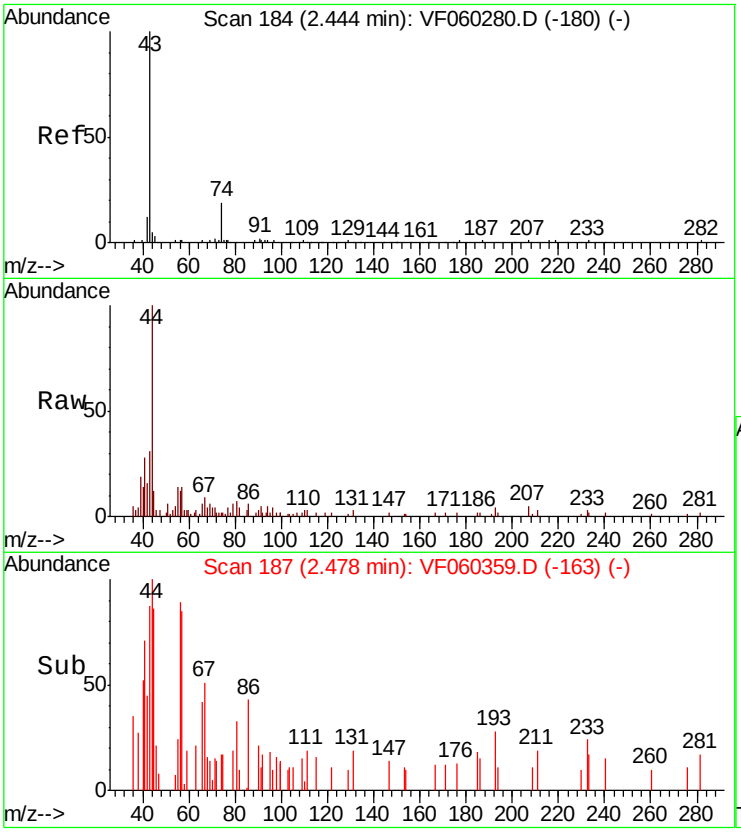


#17
Carbon Disulfide
Concen: Below Cal
RT: 1.91 min Scan# 129
Delta R.T. 0.03 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Tgt Ion: 76 Resp: 325

Ion	Ratio	Lower	Upper
76	100		
78	118.0	9.4	14.0#



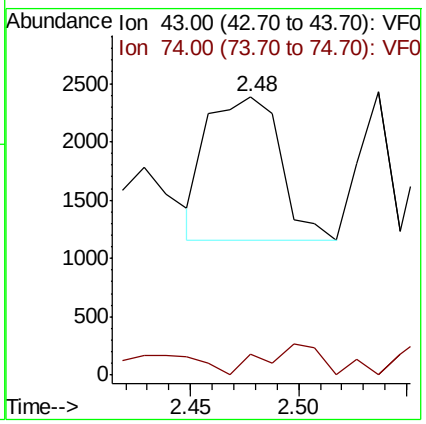


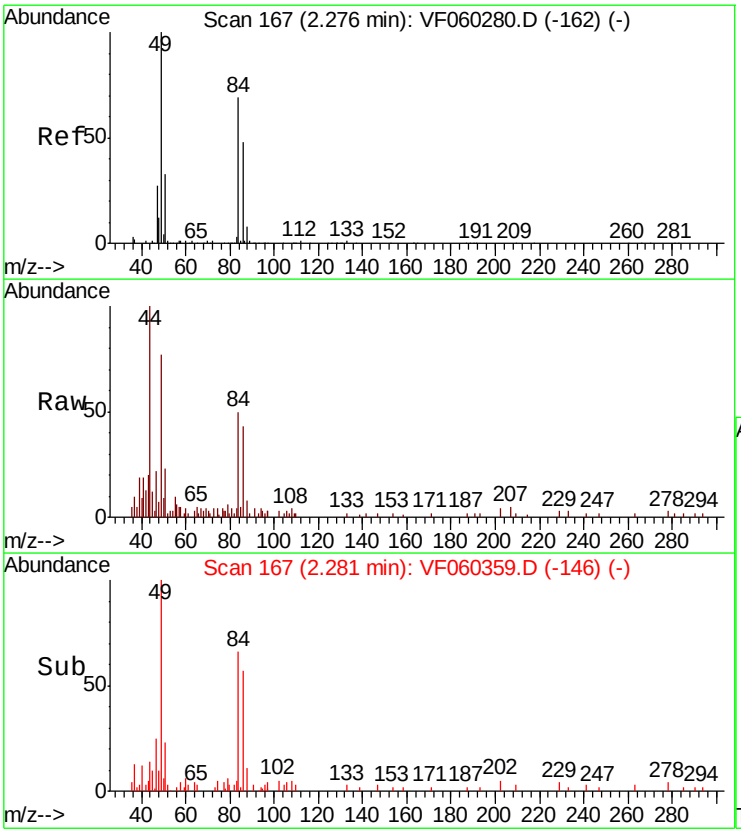
#18
Methyl Acetate
Concen: 1.236 ug/l
RT: 2.48 min Scan# 187
Delta R.T. 0.03 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Instrument : MSVOA_F
ClientSampleId : CS-RBR-200028

Tgt Ion: 43 Resp: 2842

Ion	Ratio	Lower	Upper
43	100		
74	7.6	12.7	19.1#

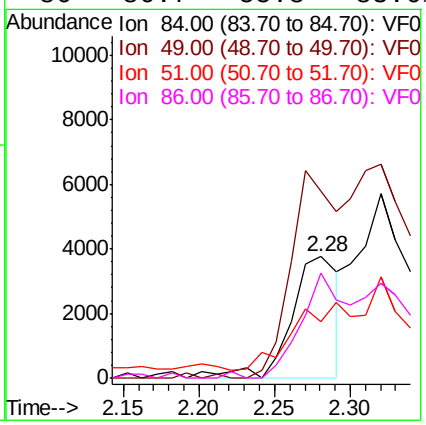


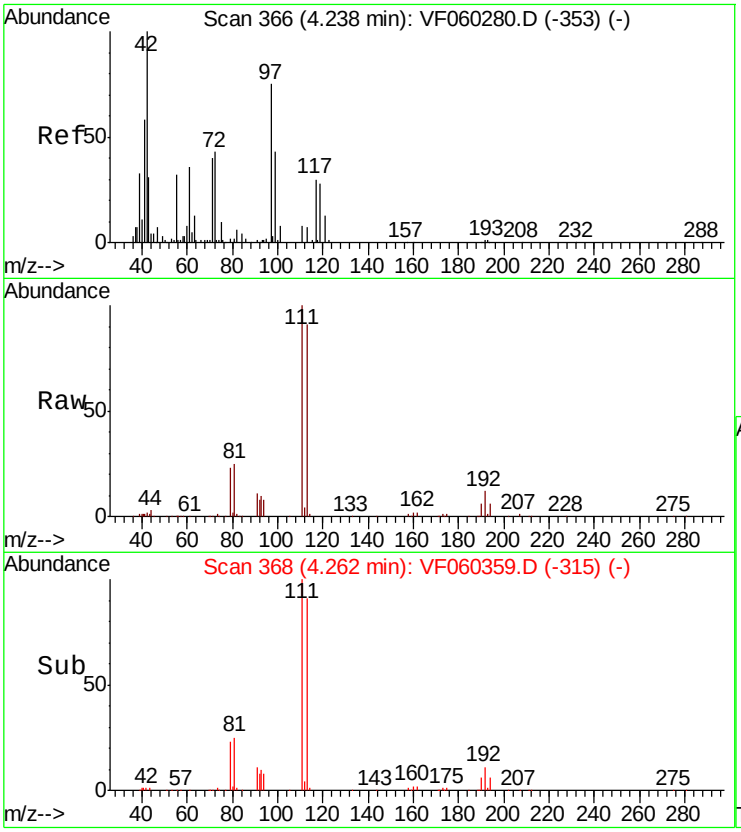


#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 167
Delta R.T. 0.00 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Tgt Ion: 84 Resp: 8118

Ion	Ratio	Lower	Upper
84	100		
49	154.9	118.3	177.5
51	46.5	38.7	58.1
86	86.7	55.8	83.6#



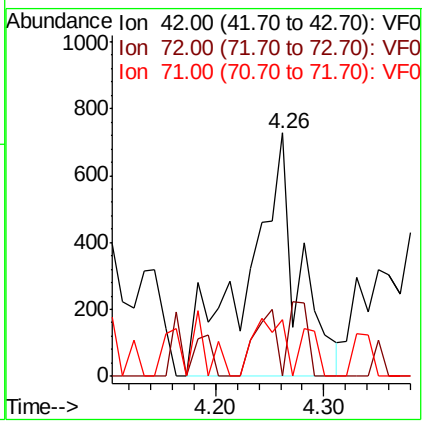


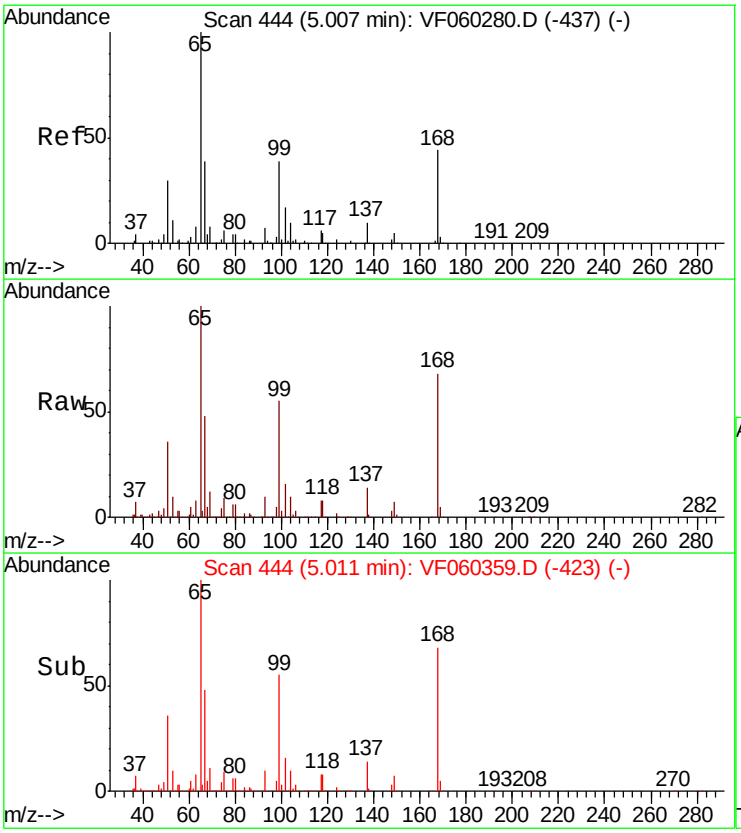
#29
Tetrahydrofuran
Concen: 3.480 ug/l
RT: 4.26 min Scan# 368
Delta R.T. 0.02 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Instrument :
MSVOA_F
ClientSampleId :
CS-RBR-200028

Tgt Ion: 42 Resp: 2368

Ion	Ratio	Lower	Upper
42	100		
72	11.7	32.6	49.0#
71	14.6	32.7	49.1#

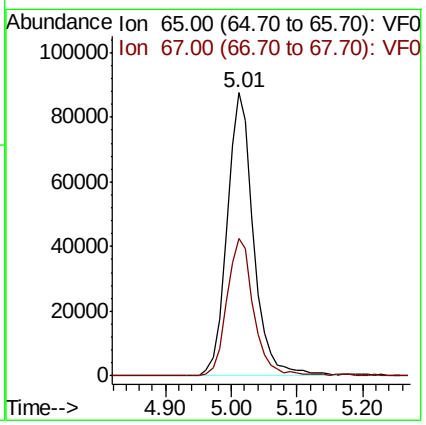


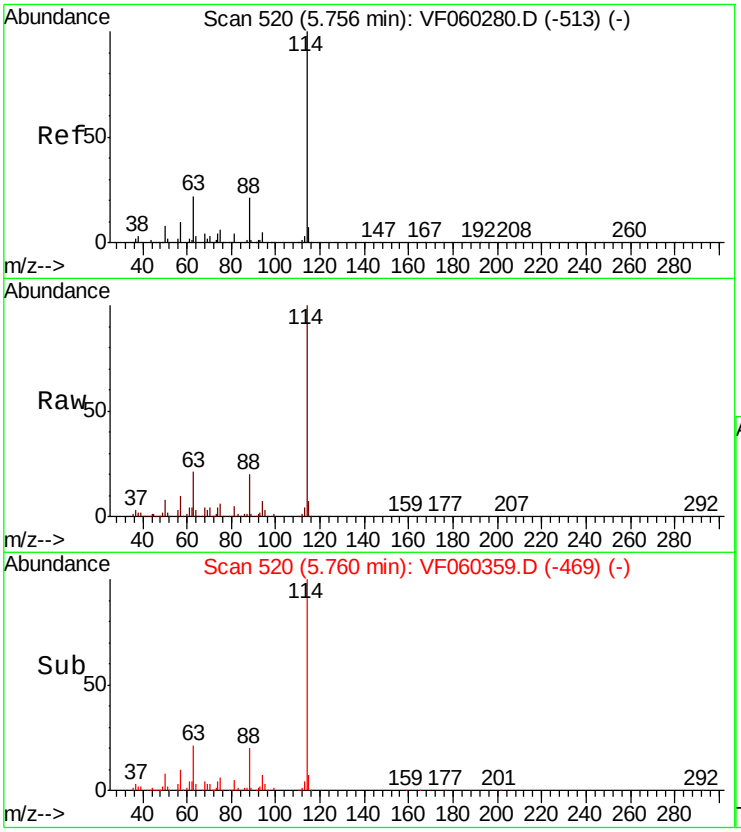


#33
1,2-Dichloroethane-d4
Concen: 50.112 ug/l
RT: 5.01 min Scan# 444
Delta R.T. 0.00 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Tgt Ion: 65 Resp: 245656

Ion	Ratio	Lower	Upper
65	100		
67	48.5	0.0	94.4



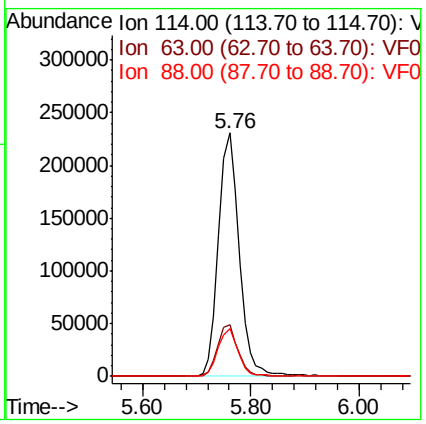


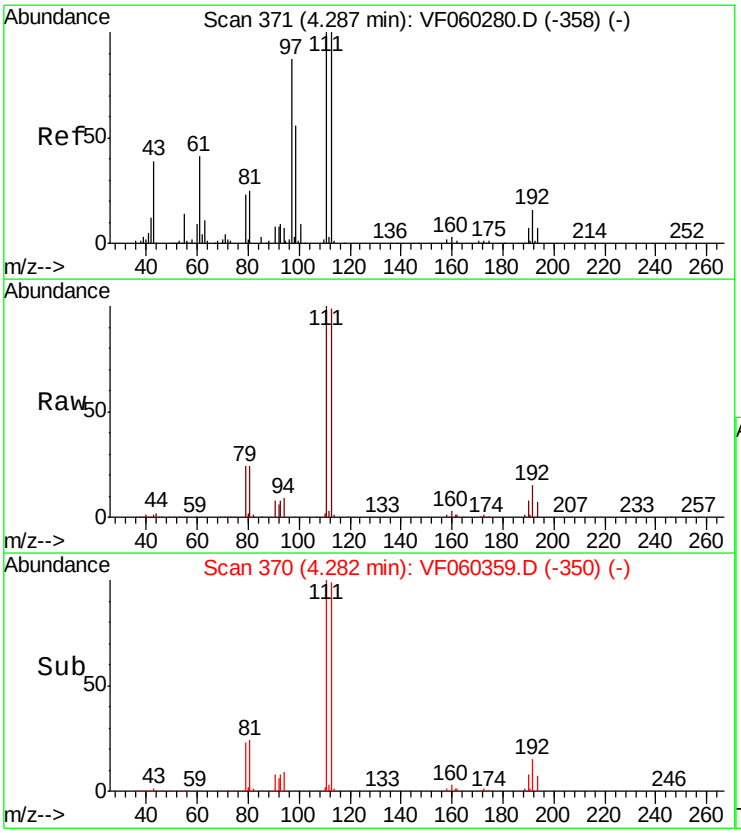
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 520
Delta R.T. 0.00 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Instrument :
MSVOA_F
ClientSampleId :
CS-RBR-200028

Tgt Ion:114 Resp: 618249

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.8
88	19.5	0.0	41.2

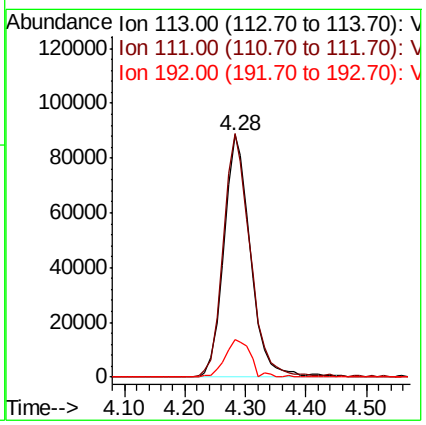


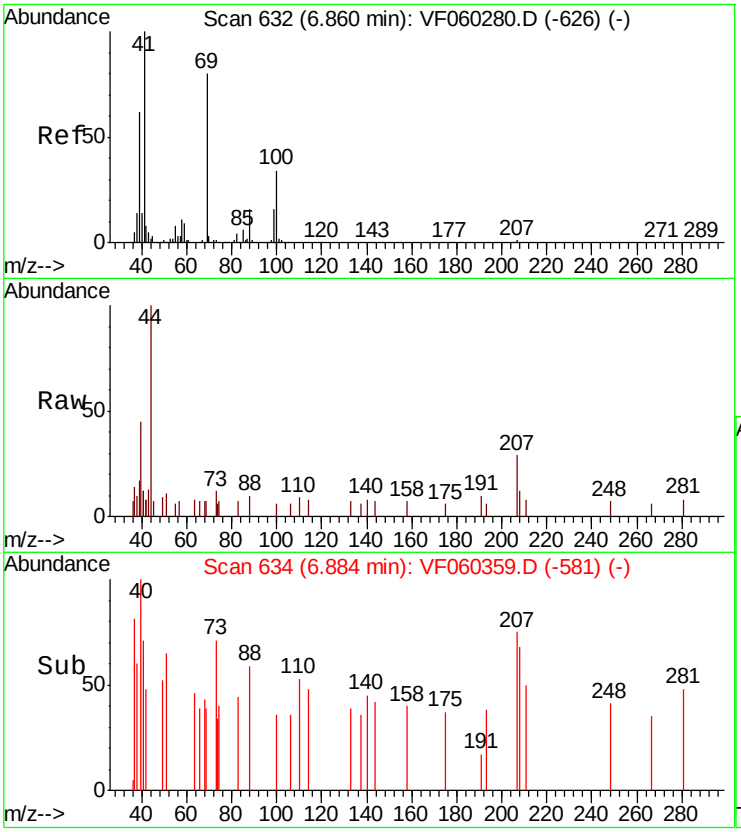


#35
Dibromofluoromethane
Concen: 48.723 ug/l
RT: 4.28 min Scan# 370
Delta R.T. -0.01 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Tgt Ion:113 Resp: 268525

Ion	Ratio	Lower	Upper
113	100		
111	100.7	79.6	119.4
192	15.5	13.0	19.6



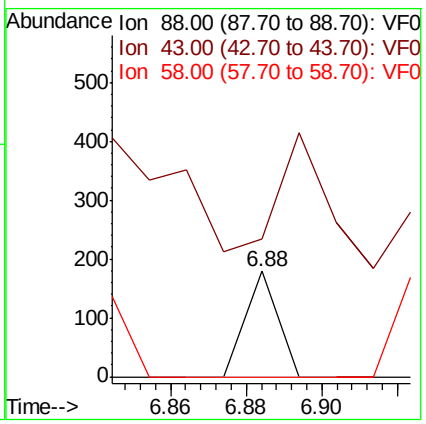


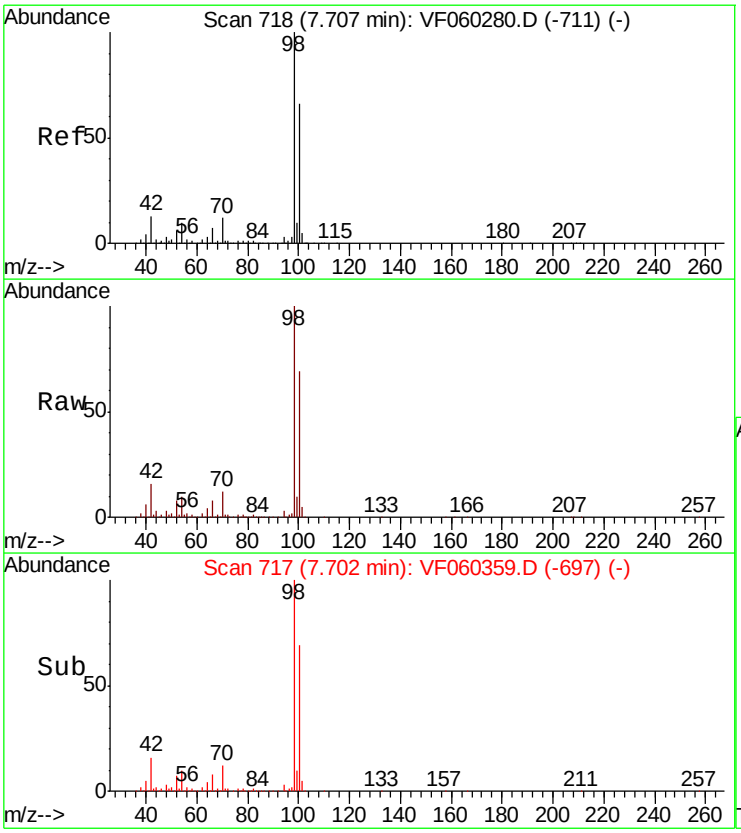
#49
1,4-Dioxane
Concen: 4.303 ug/l
RT: 6.88 min Scan# 634
Delta R.T. 0.02 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Instrument :
MSVOA_F
ClientSampleId :
CS-RBR-200028

Tgt Ion: 88 Resp: 106

Ion	Ratio	Lower	Upper
88	100		
43	130.7	40.2	60.4#
58	0.0	56.7	85.1#

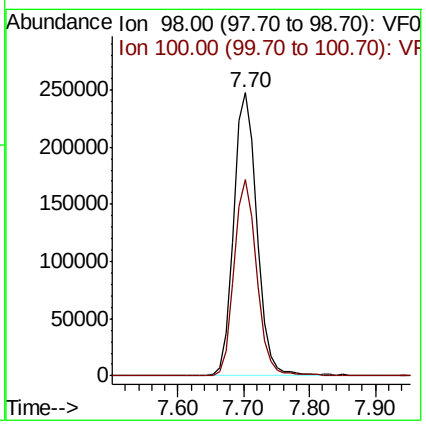


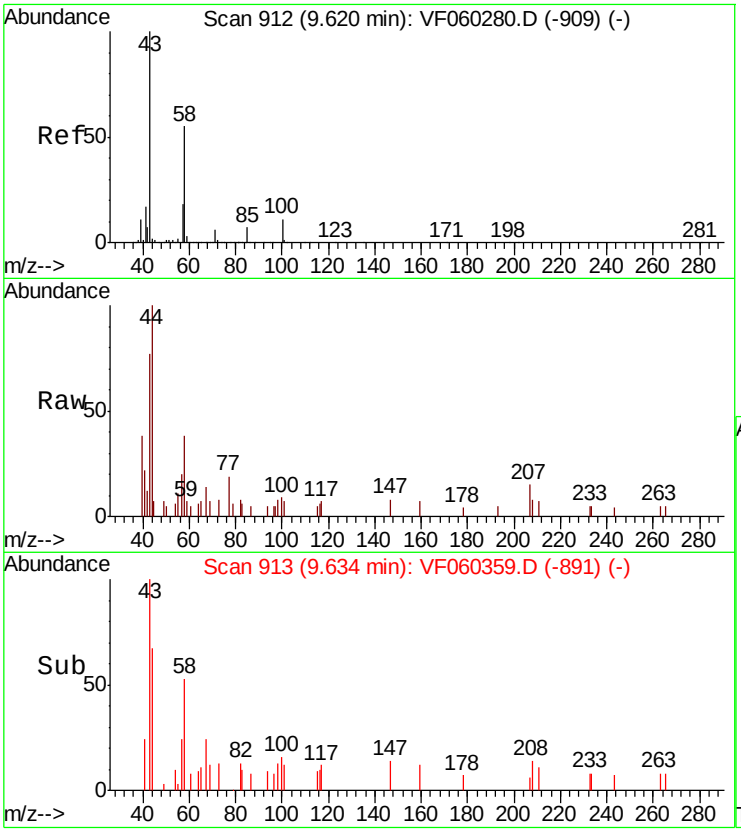


#50
Toluene-d8
Concen: 42.920 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Tgt Ion: 98 Resp: 616010

Ion	Ratio	Lower	Upper
98	100		
100	69.4	53.0	79.6



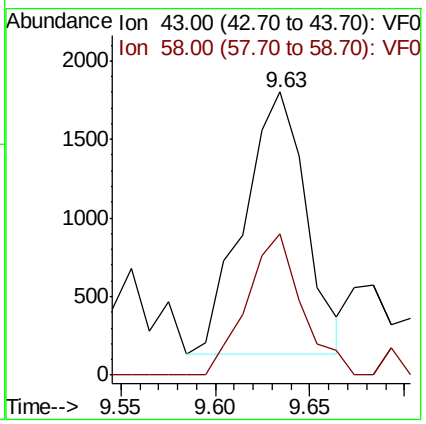


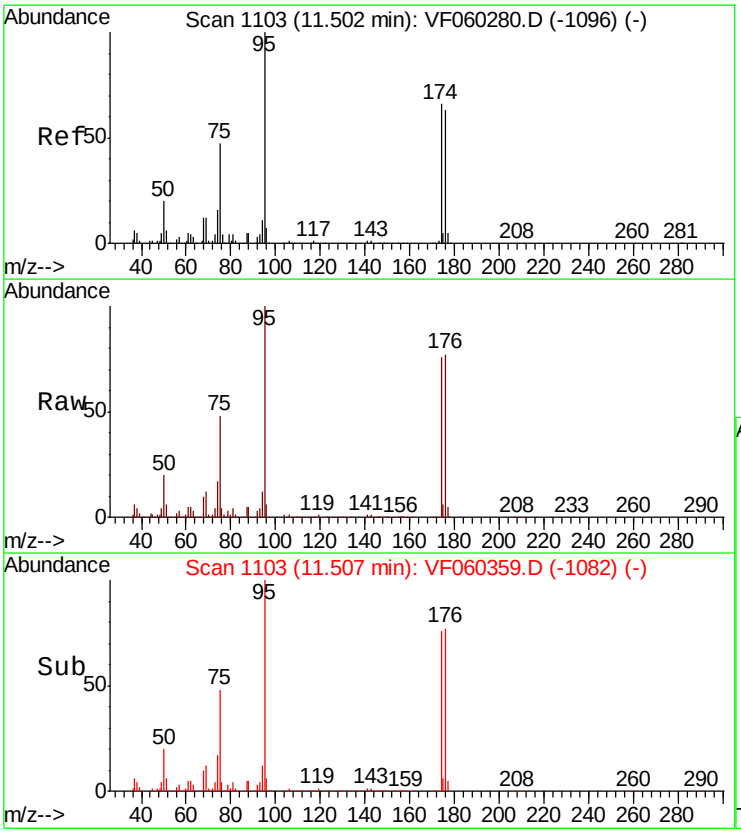
#59
2-Hexanone
Concen: 1.768 ug/l
RT: 9.63 min Scan# 913
Delta R.T. 0.01 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Instrument :
MSVOA_F
ClientSampleId :
CS-RBR-200028

Tgt Ion: 43 Resp: 3811

Ion	Ratio	Lower	Upper
43	100		
58	49.7	25.9	77.6

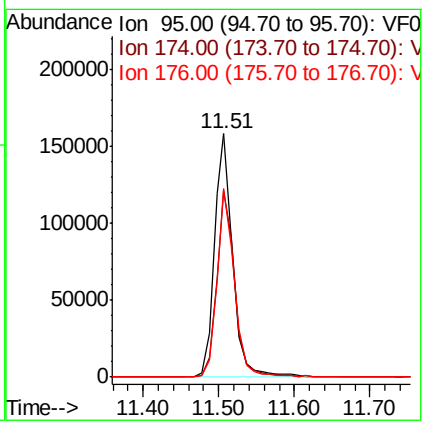


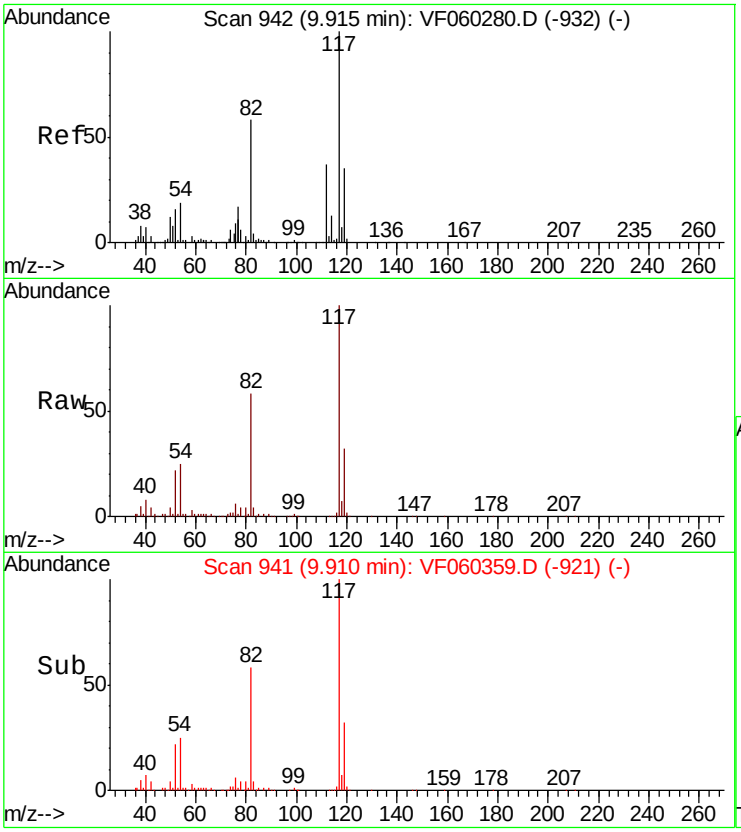


#62
4-Bromofluorobenzene
Concen: 43.119 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Tgt Ion: 95 Resp: 267516

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	131.2
176	77.2	0.0	126.6



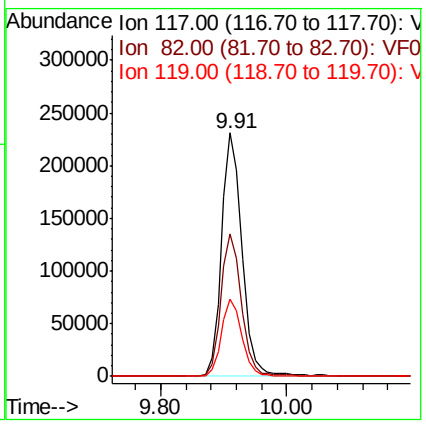


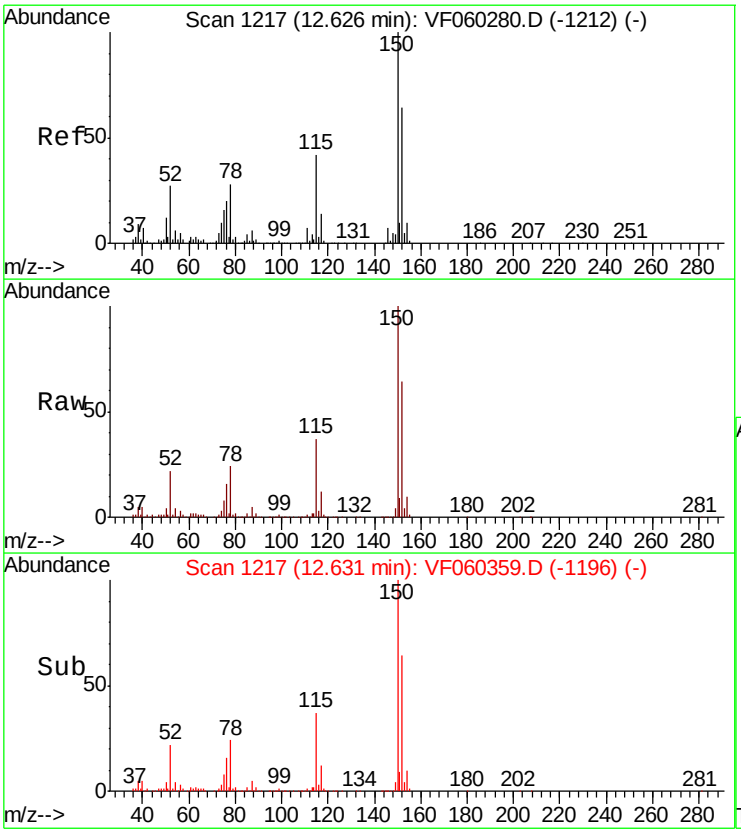
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Instrument : MSVOA_F
ClientSampleId : CS-RBR-200028

Tgt Ion:117 Resp: 521799

Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.2	69.2
119	32.0	27.8	41.6

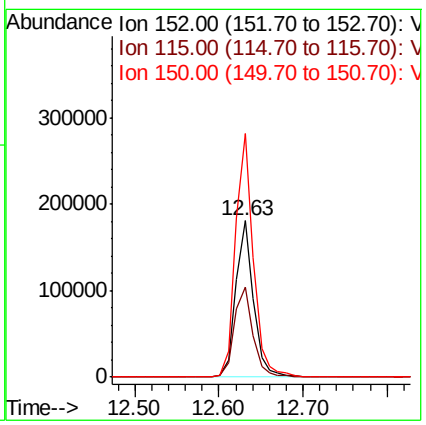


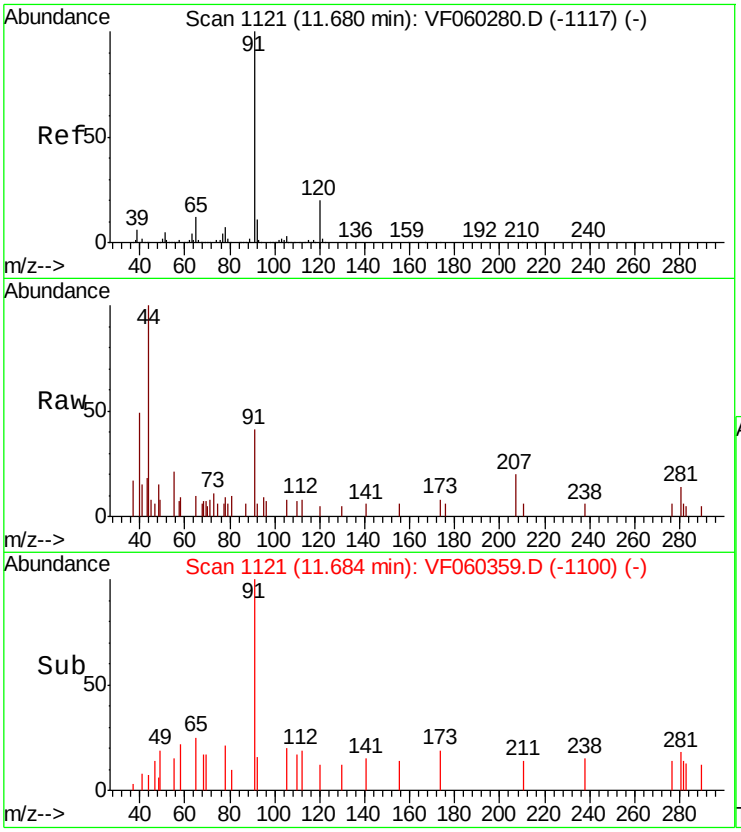


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Tgt Ion:152 Resp: 265391

Ion	Ratio	Lower	Upper
152	100		
115	57.2	32.6	97.8
150	155.7	0.0	314.2



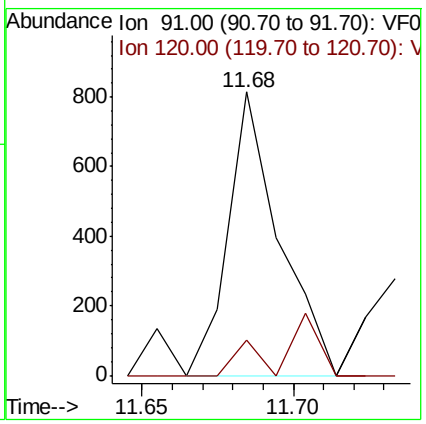


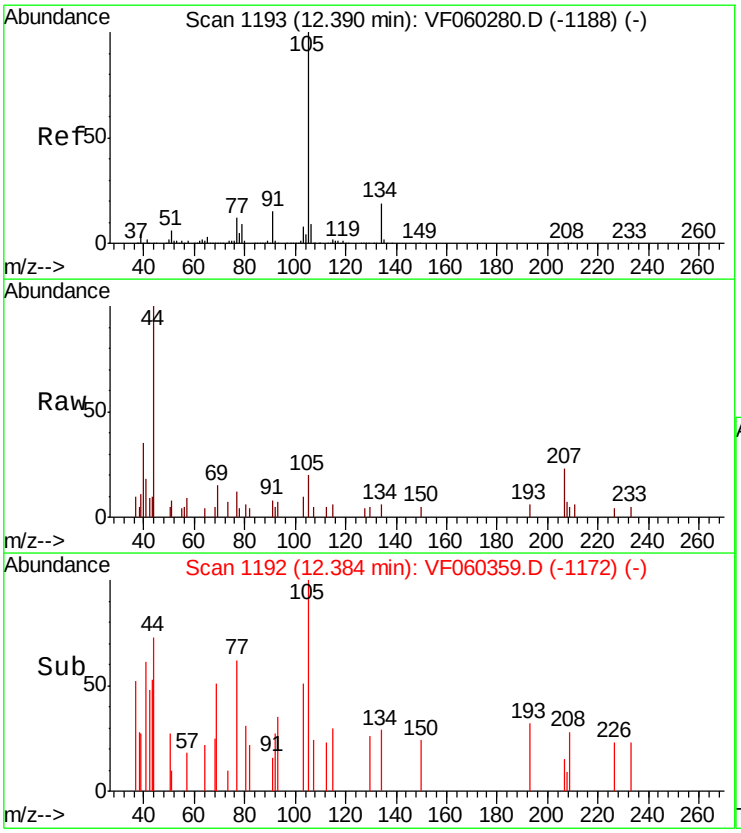
#78
n-propylbenzene
Concen: Below Cal
RT: 11.68 min Scan# 1121
Delta R.T. 0.01 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Instrument :
MSVOA_F
ClientSampleId :
CS-RBR-200028

Tgt Ion: 91 Resp: 964

Ion	Ratio	Lower	Upper
91	100		
120	12.4	10.0	29.8

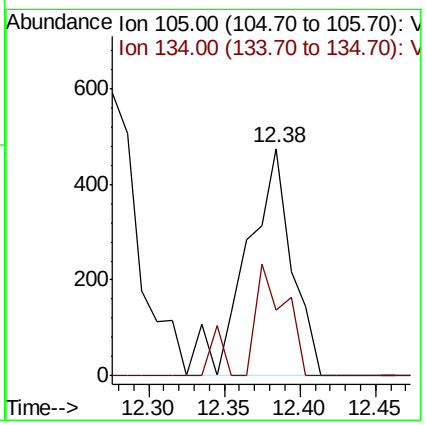


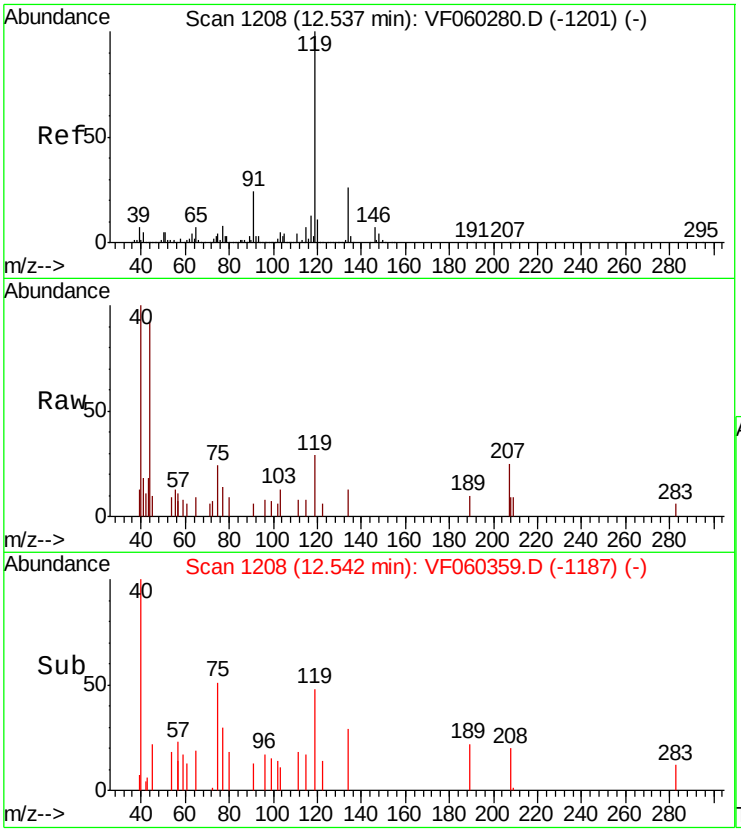


#85
sec-Butylbenzene
Concen: Below Cal
RT: 12.38 min Scan# 1192
Delta R.T. -0.00 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Tgt Ion:105 Resp: 990

Ion	Ratio	Lower	Upper
105	100		
134	28.8	9.6	28.6#





#86
p-Isopropyltoluene
Concen: Below Cal
RT: 12.54 min Scan# 1208
Delta R.T. 0.01 min
Lab File: VF060359.D
Acq: 26 Sep 2018 18:40

Instrument :
MSVOA_F
ClientSampleId :
CS-RBR-200028

Tgt Ion:119 Resp: 1067

Ion	Ratio	Lower	Upper
119	100		
134	46.0	12.9	38.7#
91	20.7	11.9	35.7