Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062506.D
Acq On : 12 May 2019 16:40
Operator : FY/SY
Sample : K2734-08
Misc : 5.30g/5mL/MSVOA_F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P026-SS012-0612-01

Quant Time: May 13 05:43:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	91932	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	153475	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	98697	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	33652	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	93711	107.86	ug/l	0.03
Spiked Amount 50.000			Recovery = 215.72%			
35) Dibromofluoromethane	4.33	113	95451	78.07	ug/l	0.02
Spiked Amount 50.000			Recovery = 156.14%			
50) Toluene-d8	7.73	98	94820	32.04	ug/l	0.02
Spiked Amount 50.000			Recovery = 64.08%			
62) 4-Bromofluorobenzene	11.51	95	30758	23.03	ug/l	0.02
Spiked Amount 50.000			Recovery = 46.06%			
Target Compounds						Qvalue
67) Ethyl Benzene	10.04	91	10491	3.669	ug/l	90
70) Styrene	10.90	104	8514	4.983	ug/l	97
73) Isopropylbenzene	11.23	105	2469	1.238	ug/l	93

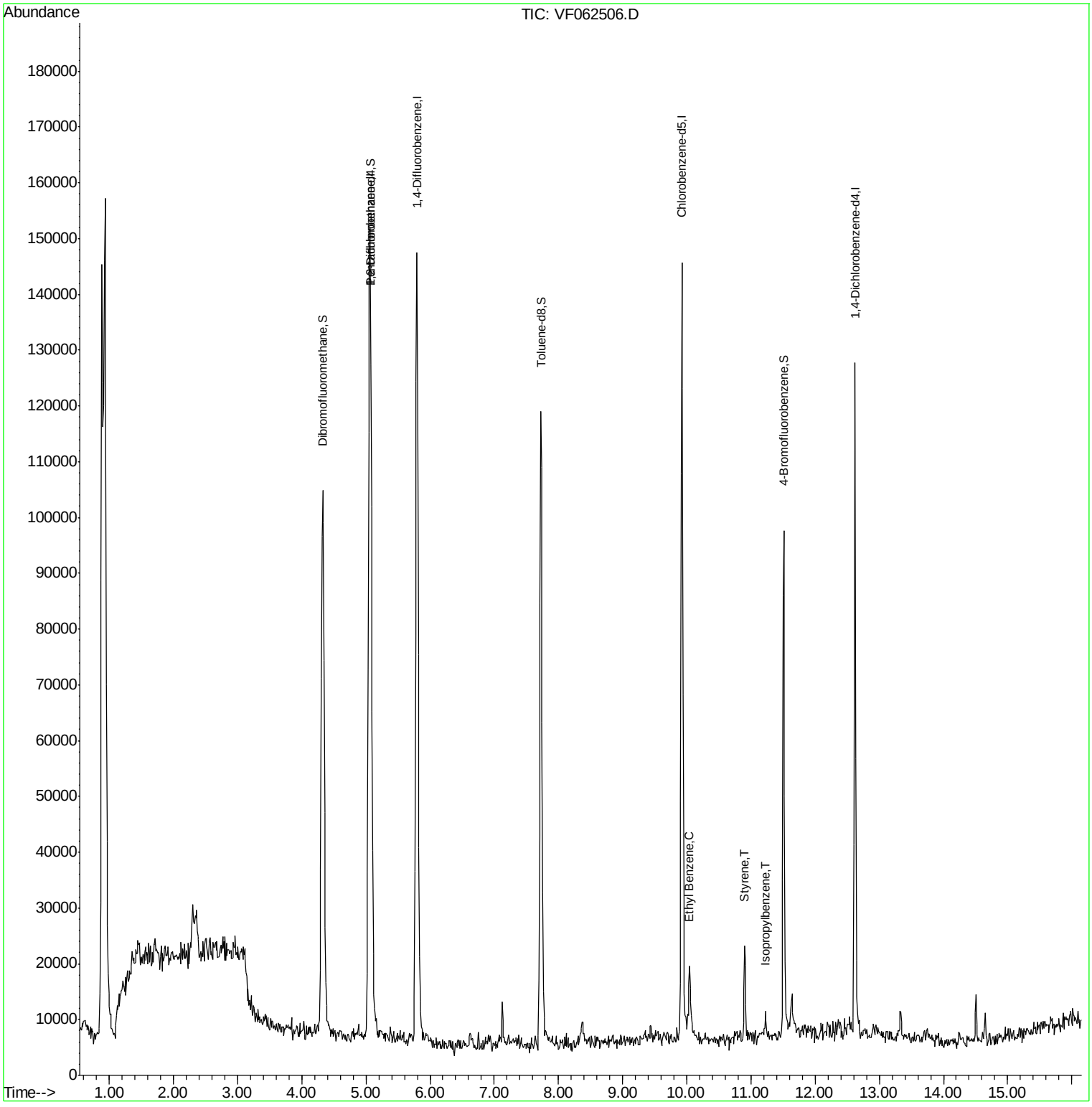
(#) = qualifier out of range (m) = manual integration (+) = signals summed

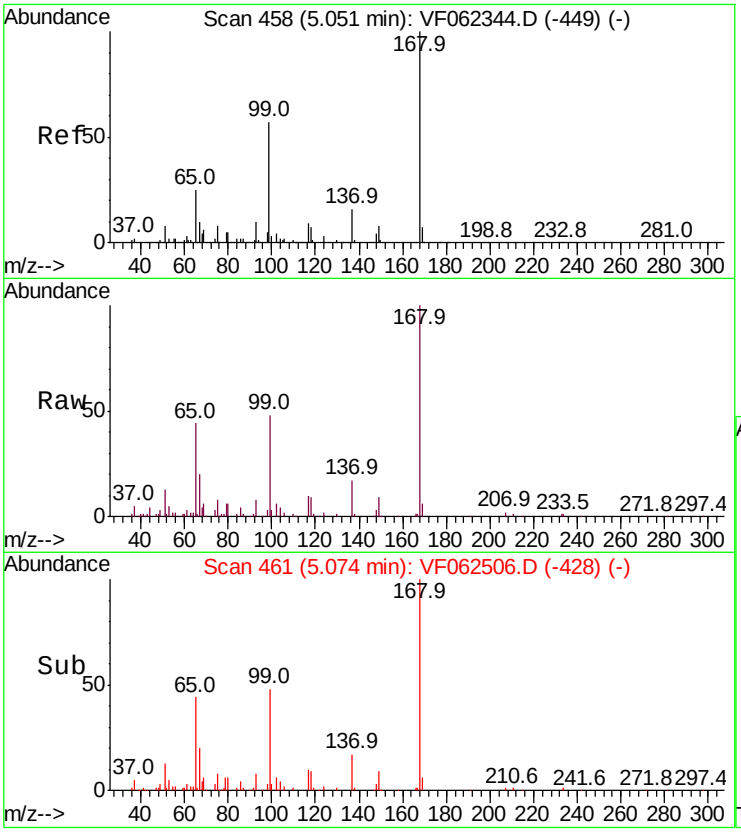
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062506.D
Acq On : 12 May 2019 16:40
Operator : FY/SY
Sample : K2734-08
Misc : 5.30g/5mL/MSVOA_F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Quant Time: May 13 05:43:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration



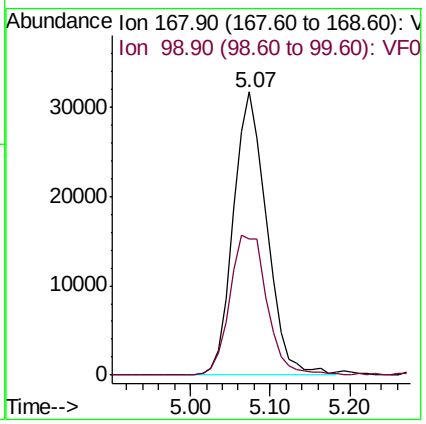


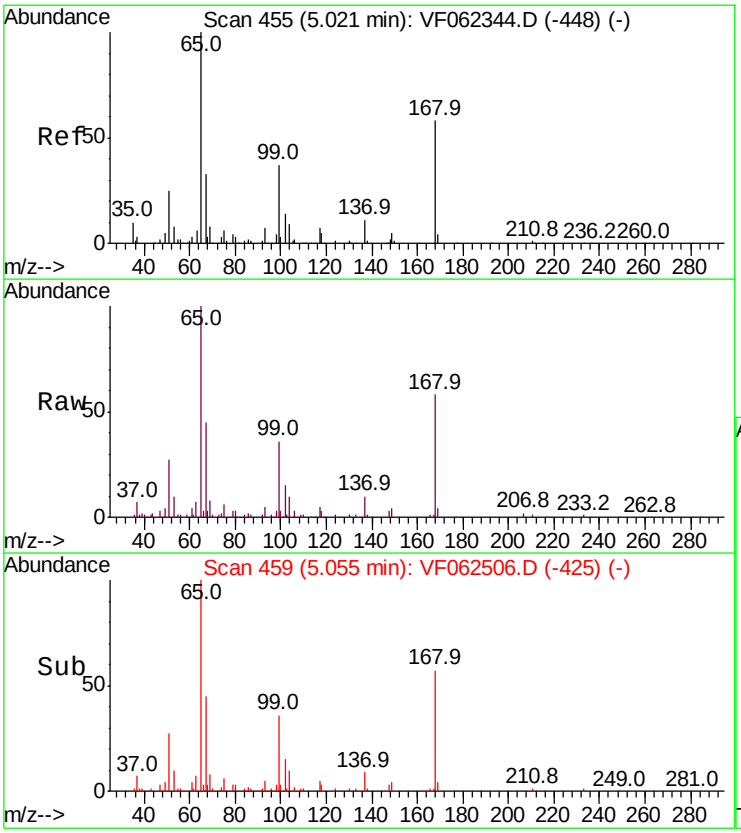
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 461
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion:168 Resp: 91932

Ion	Ratio	Lower	Upper
168	100		
99	48.0	45.9	68.9

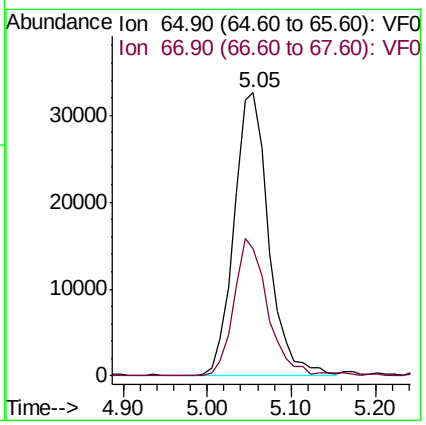


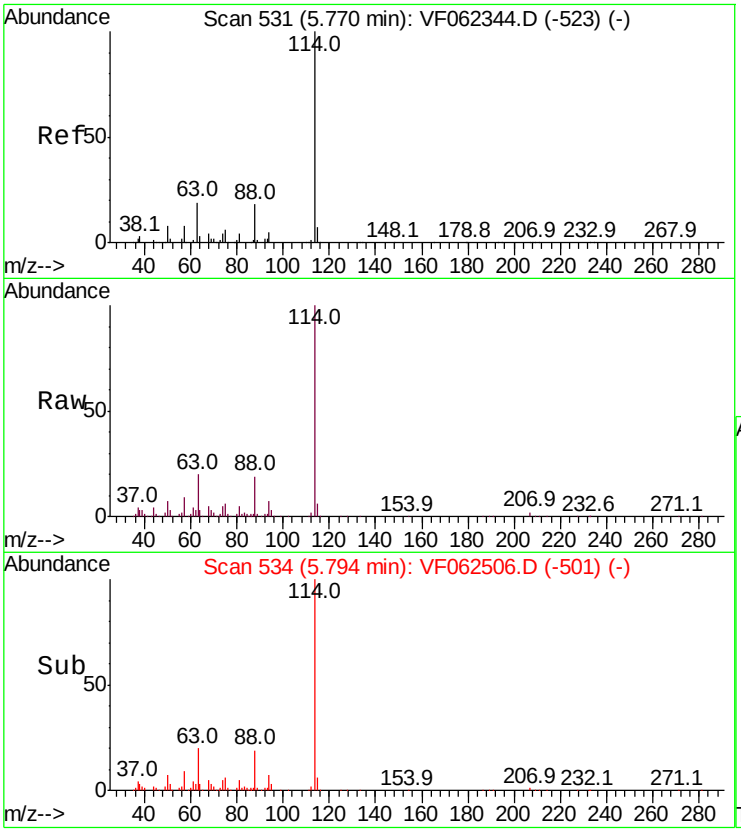


#33
1,2-Dichloroethane-d4
Concen: 107.863 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.03 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 65 Resp: 93711

Ion	Ratio	Lower	Upper
65	100		
67	47.1	0.0	85.8



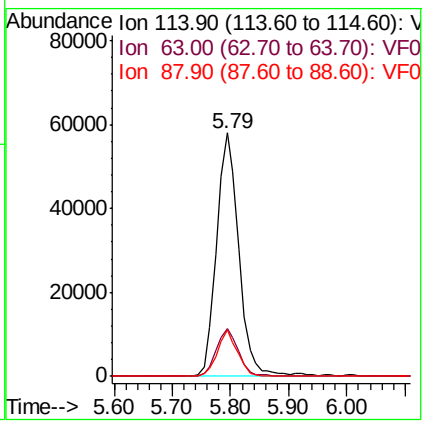


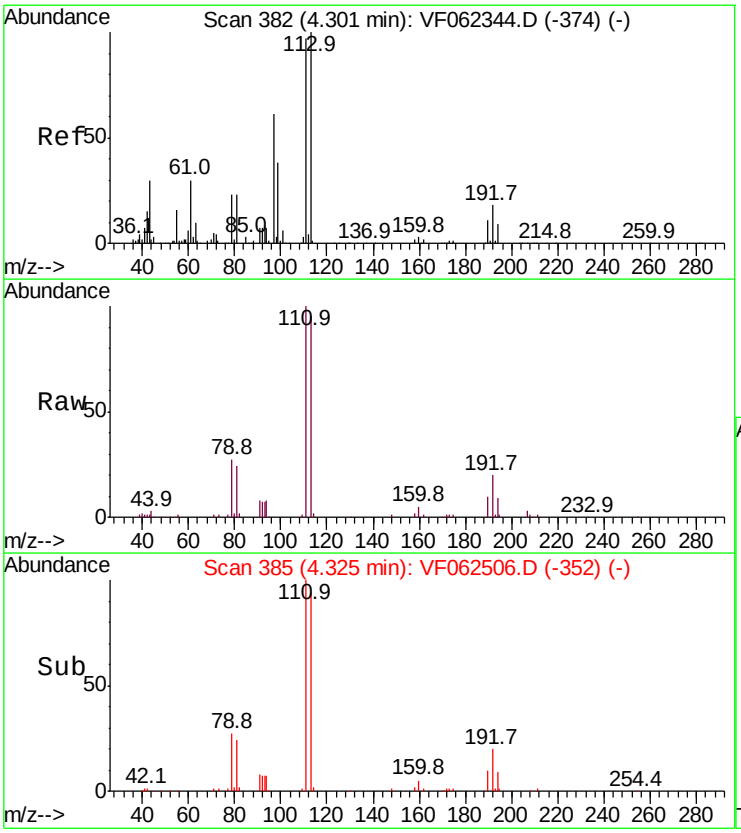
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion:114 Resp: 153475

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	37.4
88	19.0	0.0	36.4

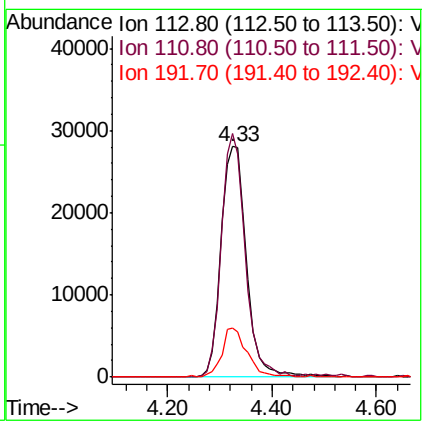


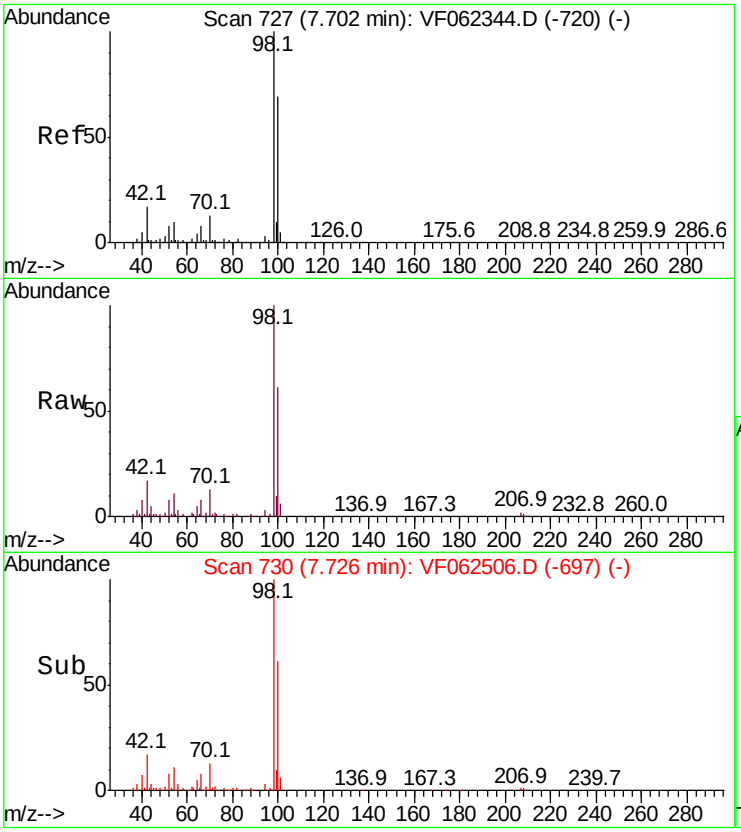


#35
Dibromofluoromethane
Concen: 78.065 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion:113 Resp: 95451

Ion	Ratio	Lower	Upper
113	100		
111	98.3	79.4	119.0
192	20.4	16.0	24.0



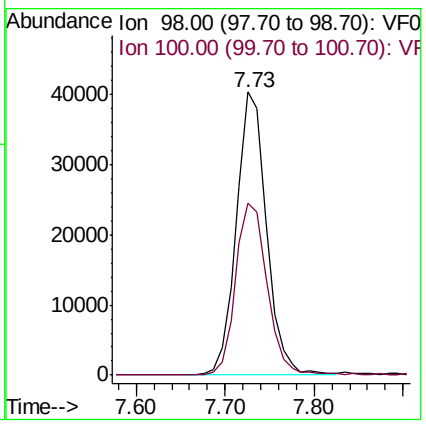


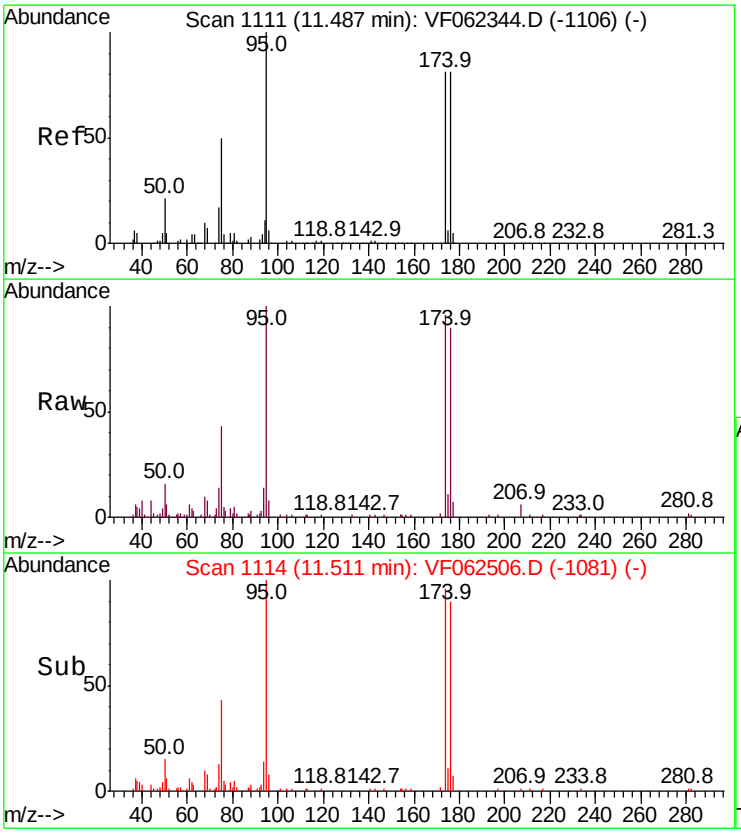
#50
Toluene-d8
Concen: 32.036 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion: 98 Resp: 94820

Ion	Ratio	Lower	Upper
98	100		
100	63.8	53.3	79.9

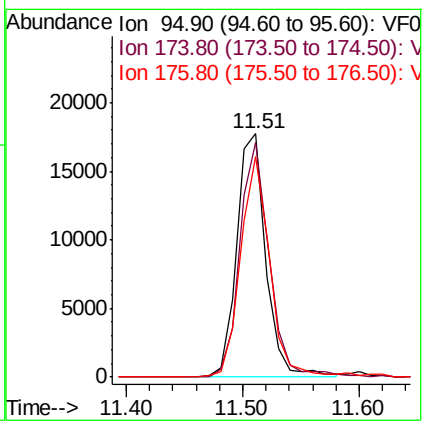


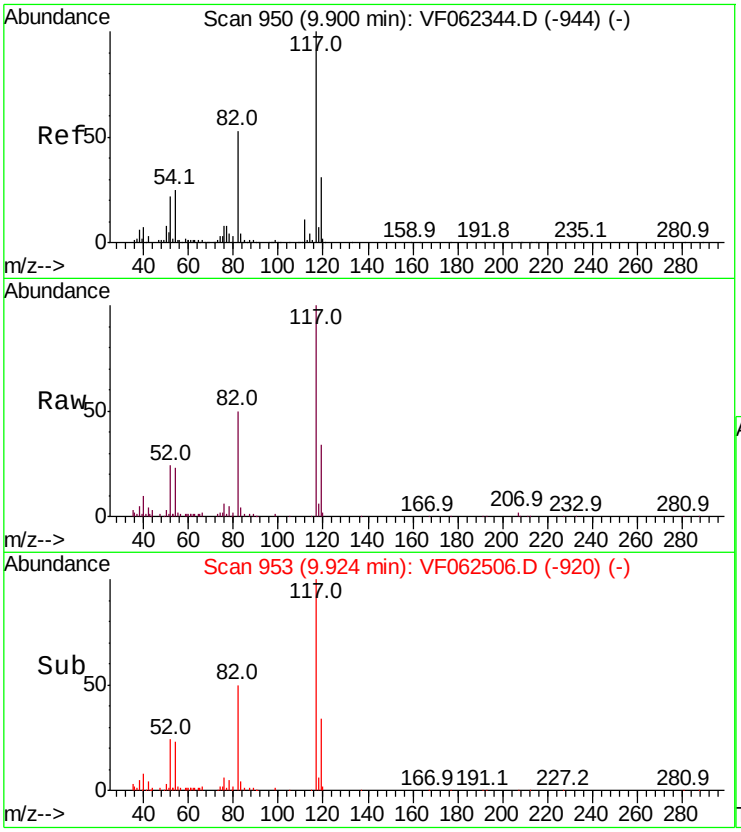


#62
4-Bromofluorobenzene
Concen: 23.034 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 95 Resp: 30758

Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	191.8
176	91.9	0.0	193.2



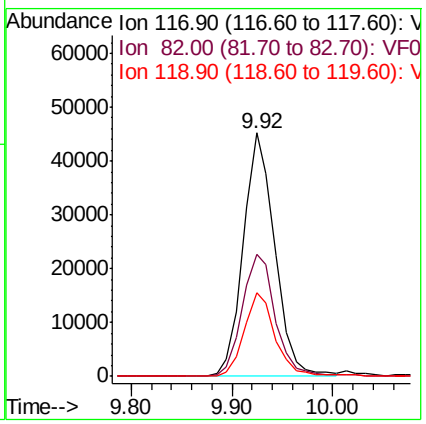


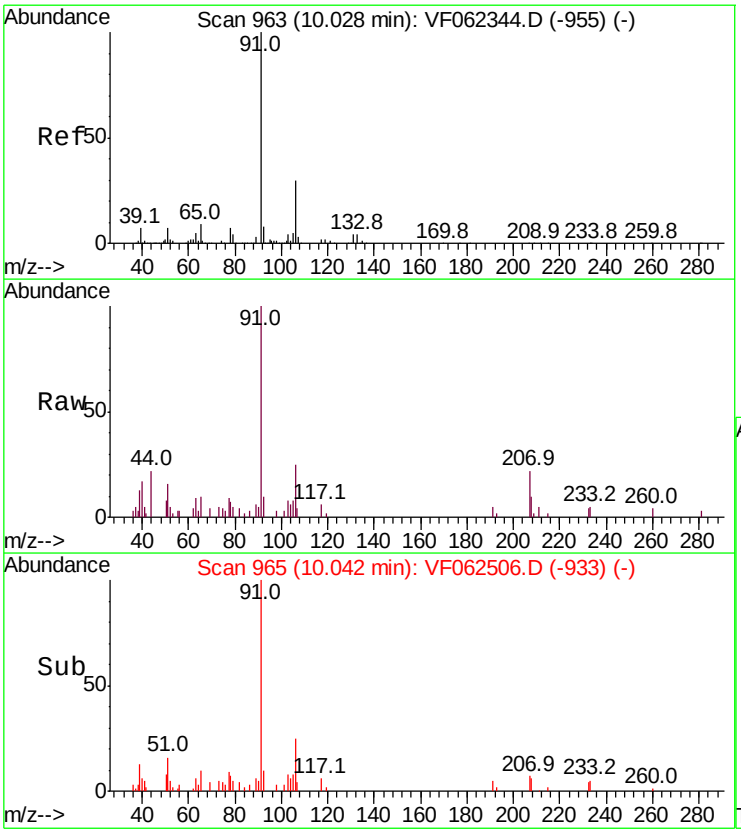
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion:117 Resp: 98697

Ion	Ratio	Lower	Upper
117	100		
82	50.2	42.2	63.2
119	34.3	25.0	37.4

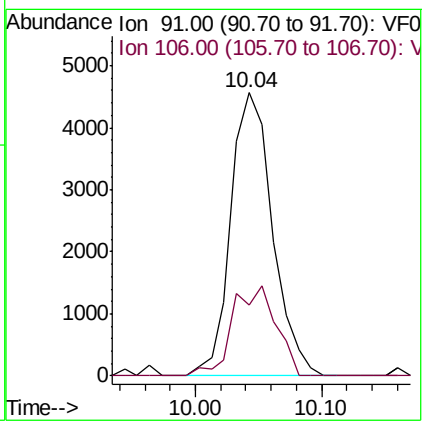


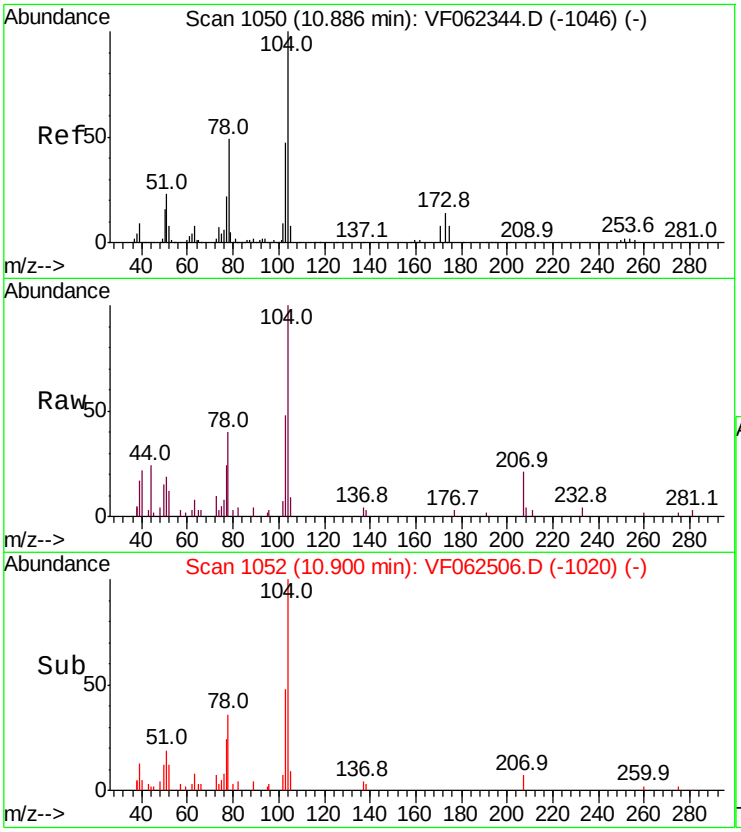


#67
Ethyl Benzene
Concen: 3.669 ug/l
RT: 10.04 min Scan# 965
Delta R.T. 0.01 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion: 91 Resp: 10491

Ion	Ratio	Lower	Upper
91	100		
106	24.9	24.1	36.1



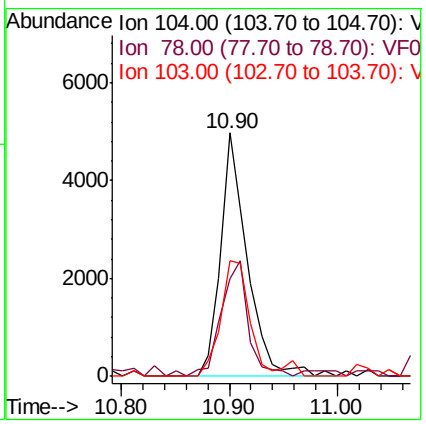


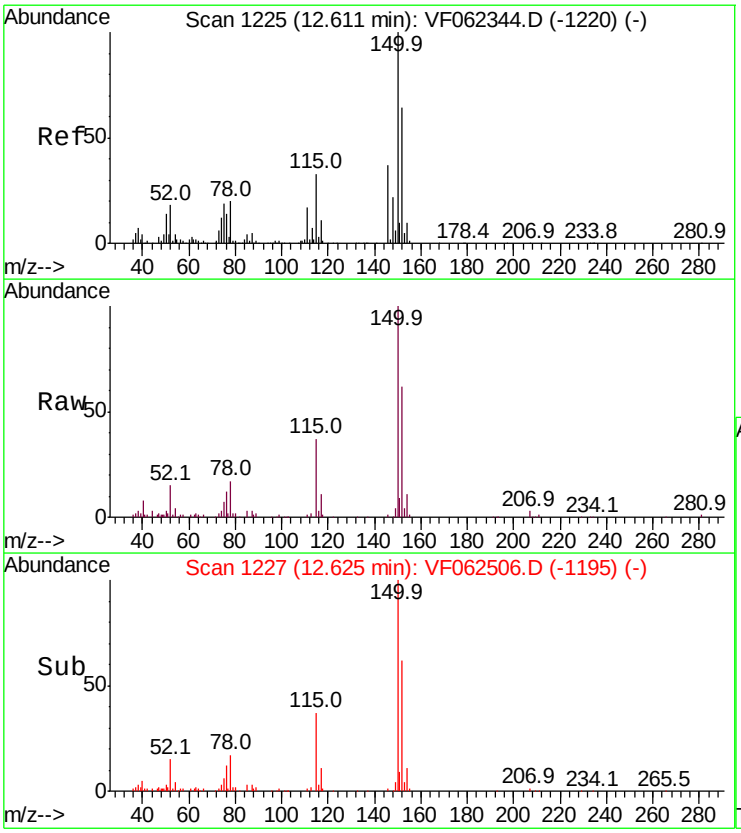
#70
Stvrene
Concen: 4.983 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion:104 Resp: 8514

Ion	Ratio	Lower	Upper
104	100		
78	48.1	39.5	59.3
103	51.2	38.4	57.6

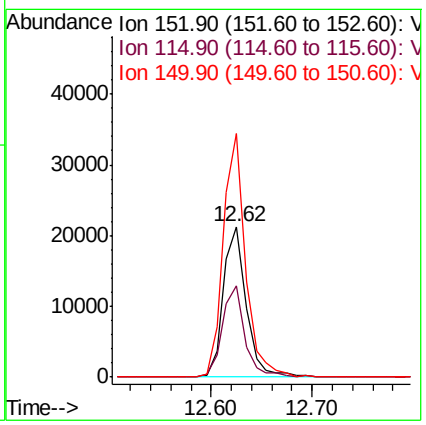


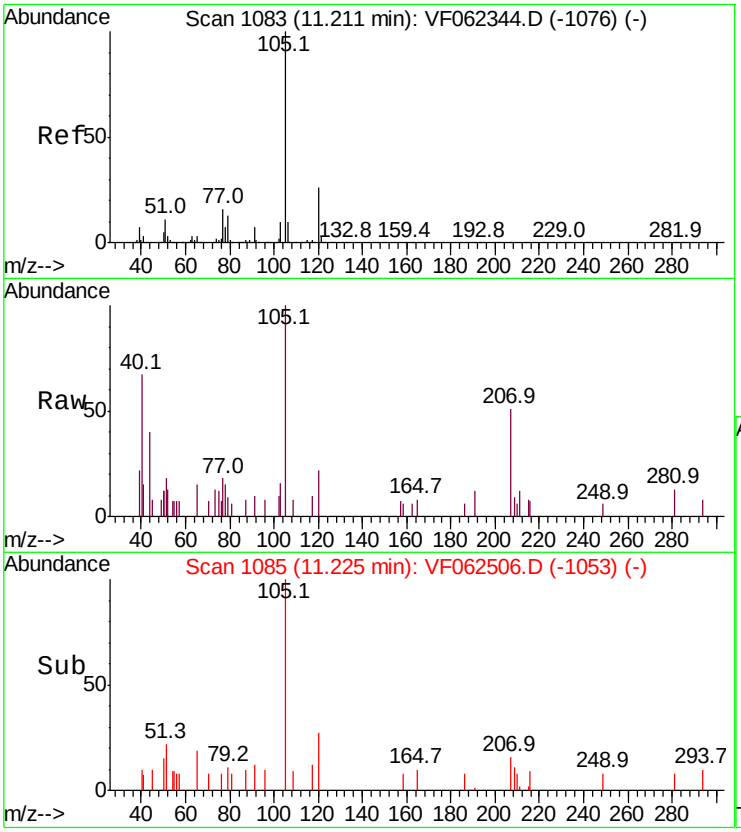


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Tgt Ion:152 Resp: 33652

Ion	Ratio	Lower	Upper
152	100		
115	59.3	26.4	79.2
150	157.4	0.0	335.0





#73
Isopropylbenzene
Concen: 1.238 ug/l
RT: 11.23 min Scan# 1085
Delta R.T. 0.01 min
Lab File: VF062506.D
Acq: 12 May 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0612-01

Tgt Ion:105 Resp: 2469

Ion	Ratio	Lower	Upper
105	100		
120	22.0	12.7	38.0