Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062428.D
Acq On : 10 May 2019 17:27
Operator : FY/SY
Sample : K2645-05RE
Misc : 5.91g/5mL/MSVOA_F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-CRE

Quant Time: May 10 17:50:12 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	5.05	168	427052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	578815	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	427581	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	262950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	224632	55.66	ug/l	0.01
Spiked Amount 50.000			Recovery = 111.32%			
35) Dibromofluoromethane	4.31	113	257811	55.91	ug/l	0.01
Spiked Amount 50.000			Recovery = 111.82%			
50) Toluene-d8	7.72	98	481525	43.14	ug/l	0.01
Spiked Amount 50.000			Recovery = 86.28%			
62) 4-Bromofluorobenzene	11.50	95	237773	47.21	ug/l	0.01
Spiked Amount 50.000			Recovery = 94.42%			
Target Compounds						Qvalue
16) Acetone	2.35	43	53053	64.983	ug/l	96
20) Methylene Chloride	2.33	84	15928	5.392	ug/l	93

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

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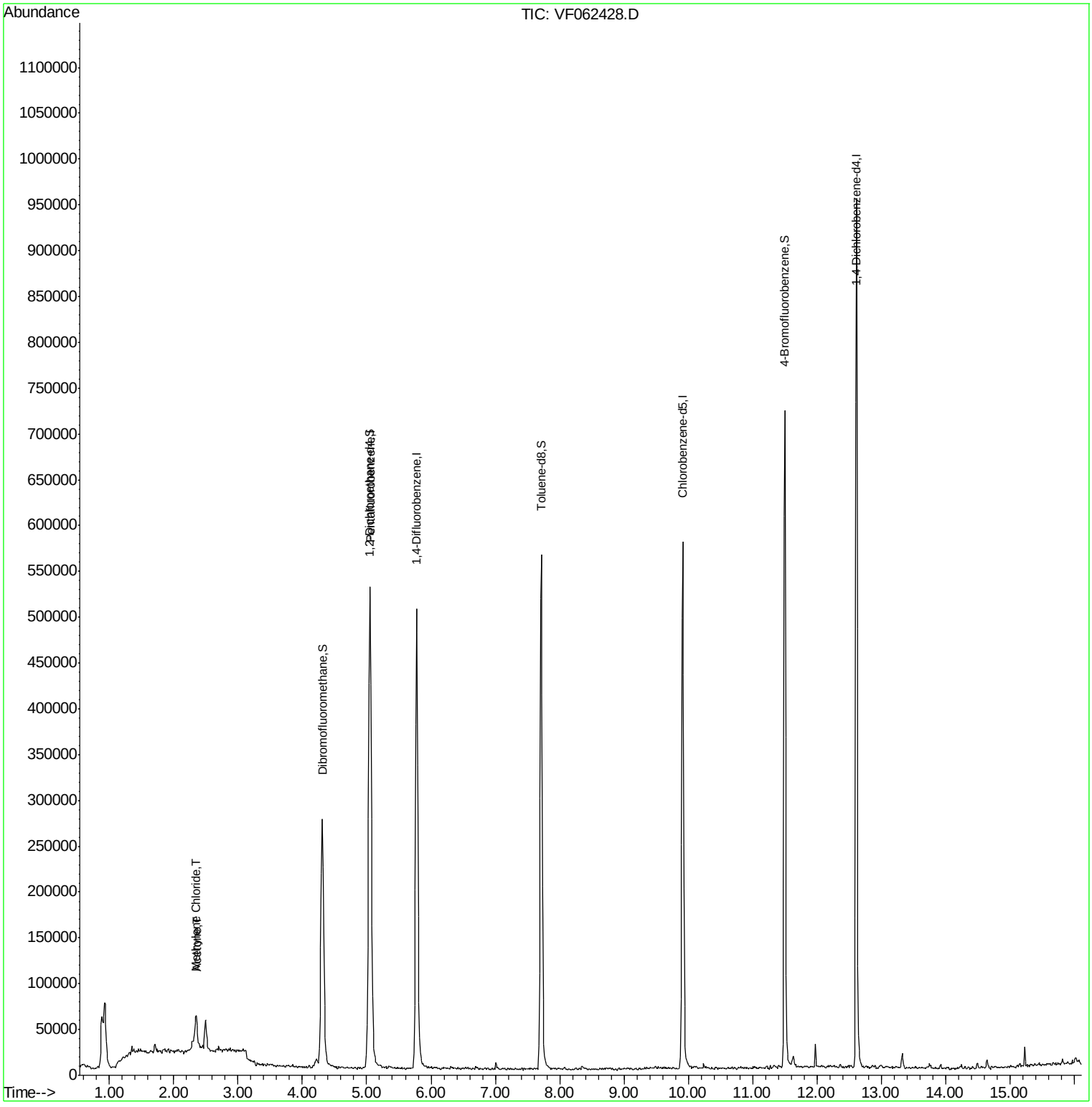
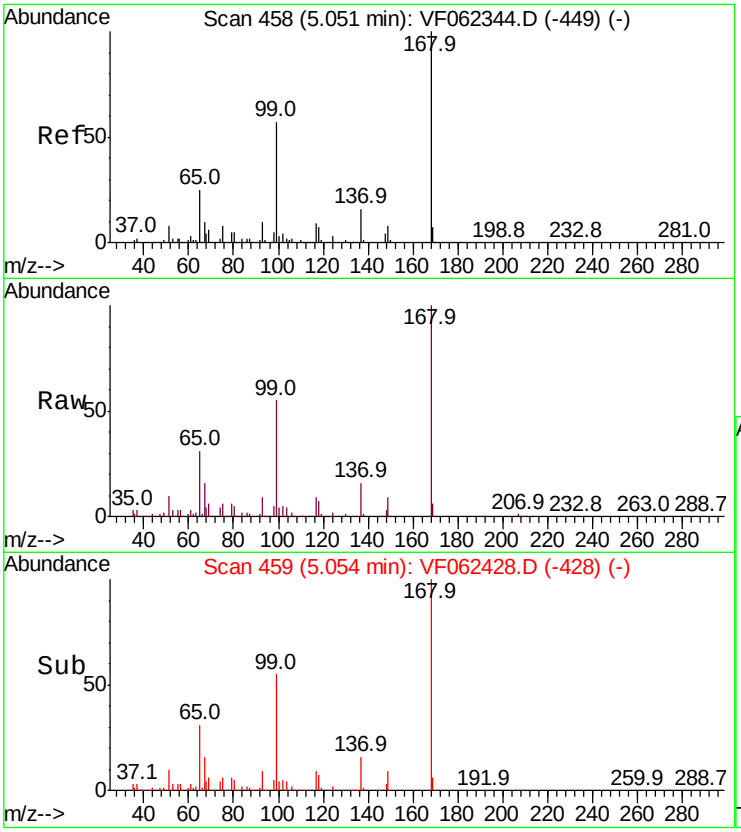


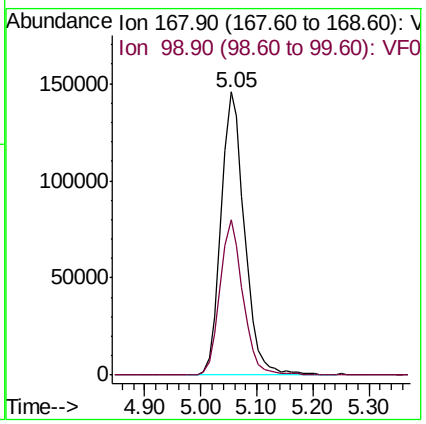


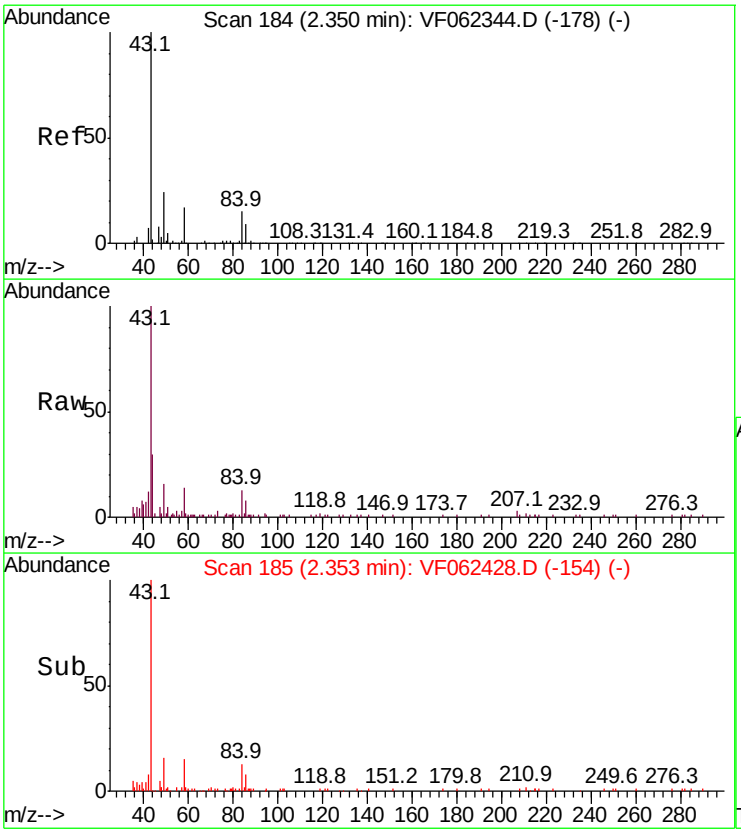
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.00 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-CRE

Tgt Ion:168 Resp: 427052

Ion	Ratio	Lower	Upper
168	100		
99	54.7	45.9	68.9

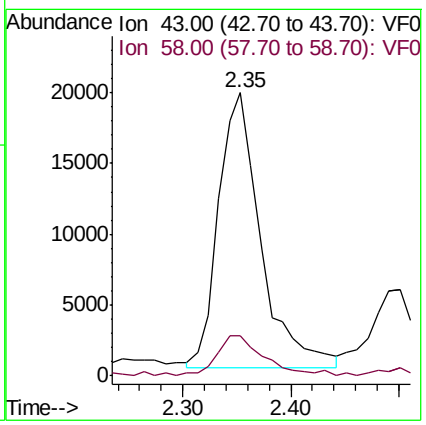


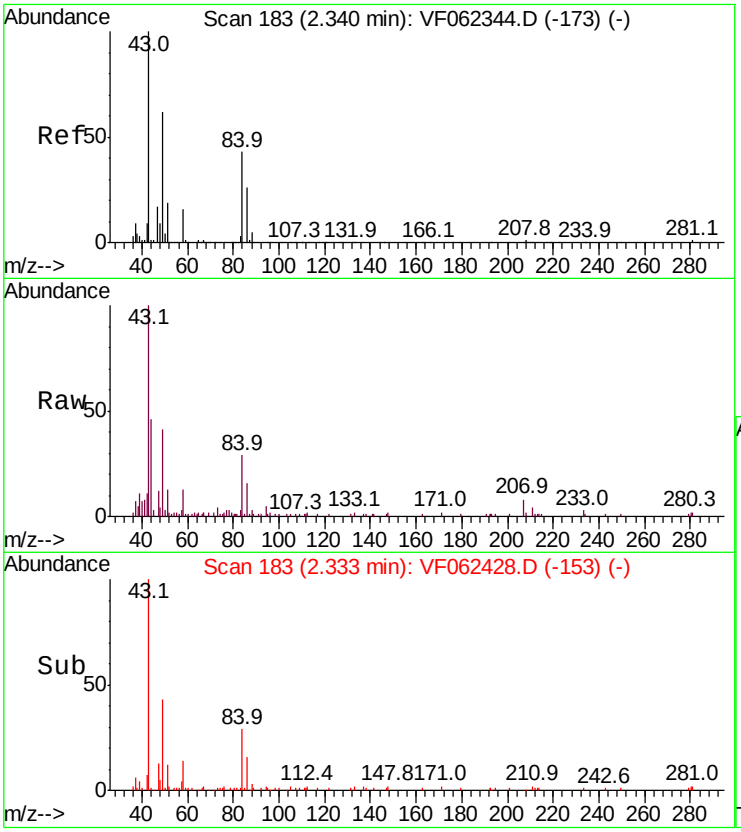


#16
Acetone
Concen: 64.983 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.00 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion: 43 Resp: 53053

Ion	Ratio	Lower	Upper
43	100		
58	14.7	13.1	19.7



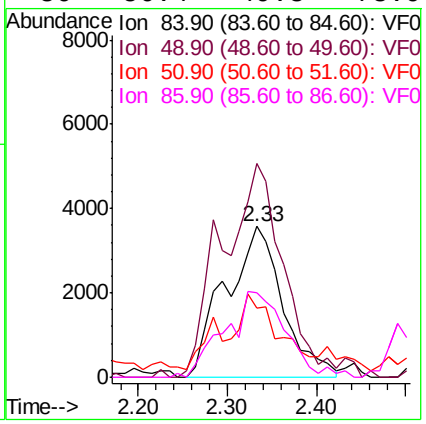


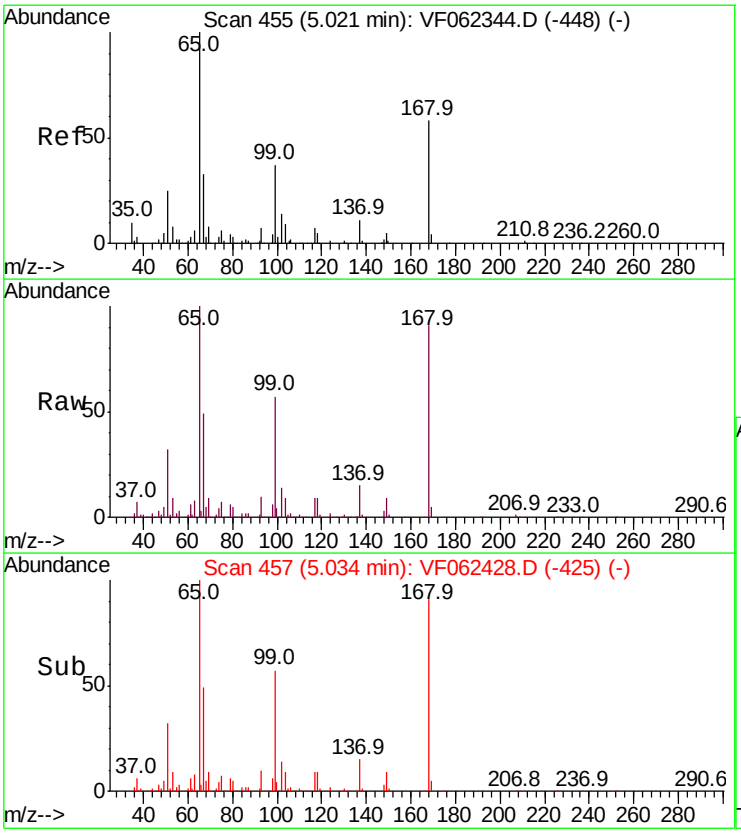
#20
Methylene Chloride
Concen: 5.392 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-CRE

Tgt Ion: 84 Resp: 15928

Ion	Ratio	Lower	Upper
84	100		
49	137.8	117.5	176.3
51	40.9	37.0	55.4
86	56.4	49.3	73.9

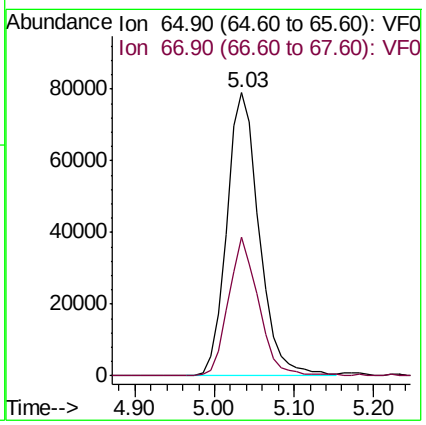


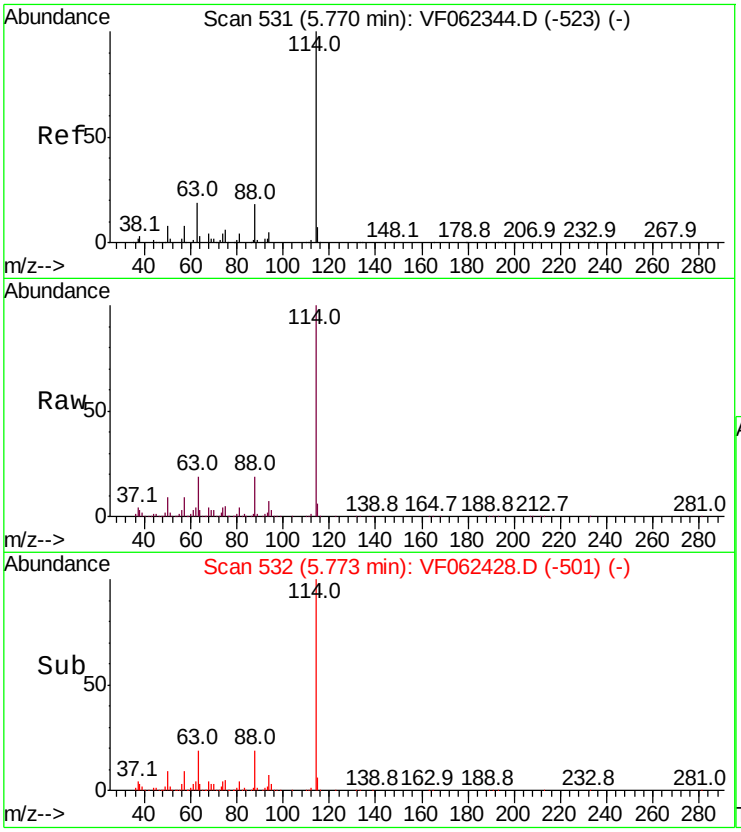


#33
1,2-Dichloroethane-d4
Concen: 55.660 ug/l
RT: 5.03 min Scan# 457
Delta R.T. 0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion: 65 Resp: 224632

Ion	Ratio	Lower	Upper
65	100		
67	45.9	0.0	85.8



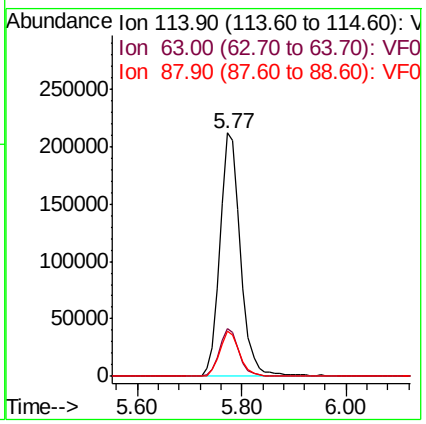


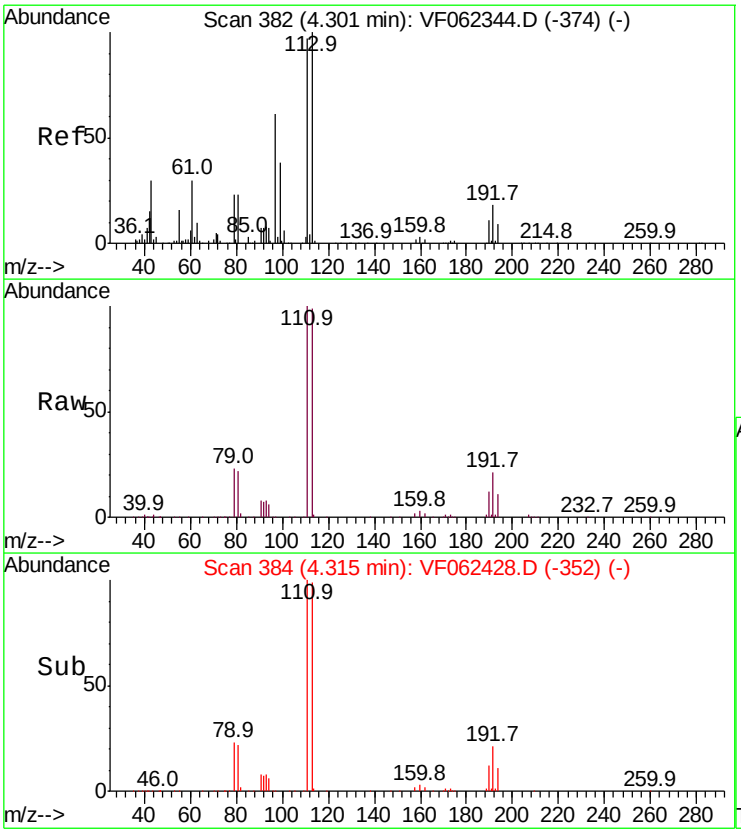
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.00 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-CRE

Tgt Ion:114 Resp: 578815

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	37.4
88	18.6	0.0	36.4

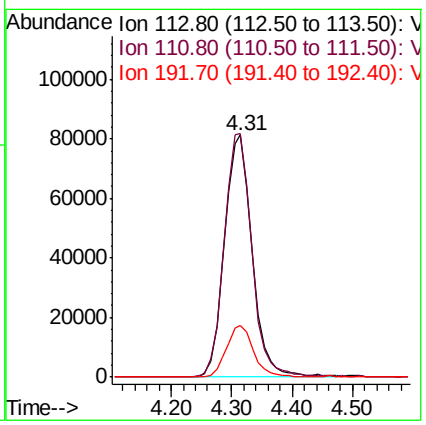


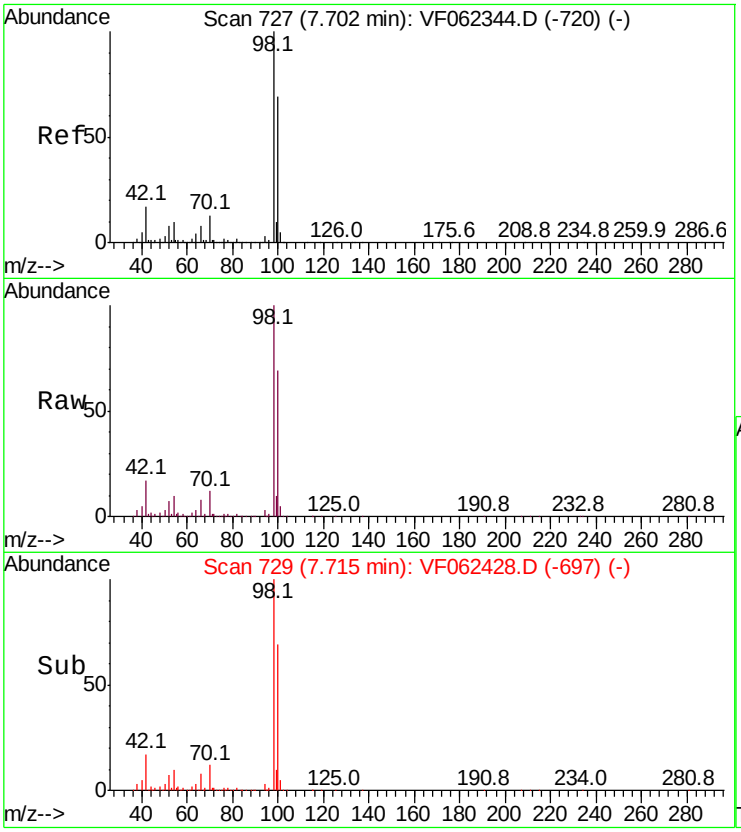


#35
Dibromofluoromethane
Concen: 55.908 ug/l
RT: 4.31 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion:113 Resp: 257811

Ion	Ratio	Lower	Upper
113	100		
111	100.9	79.4	119.0
192	20.9	16.0	24.0



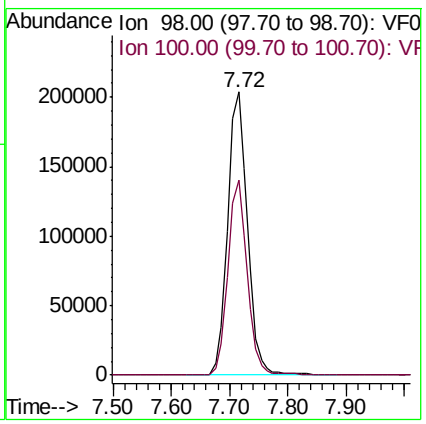


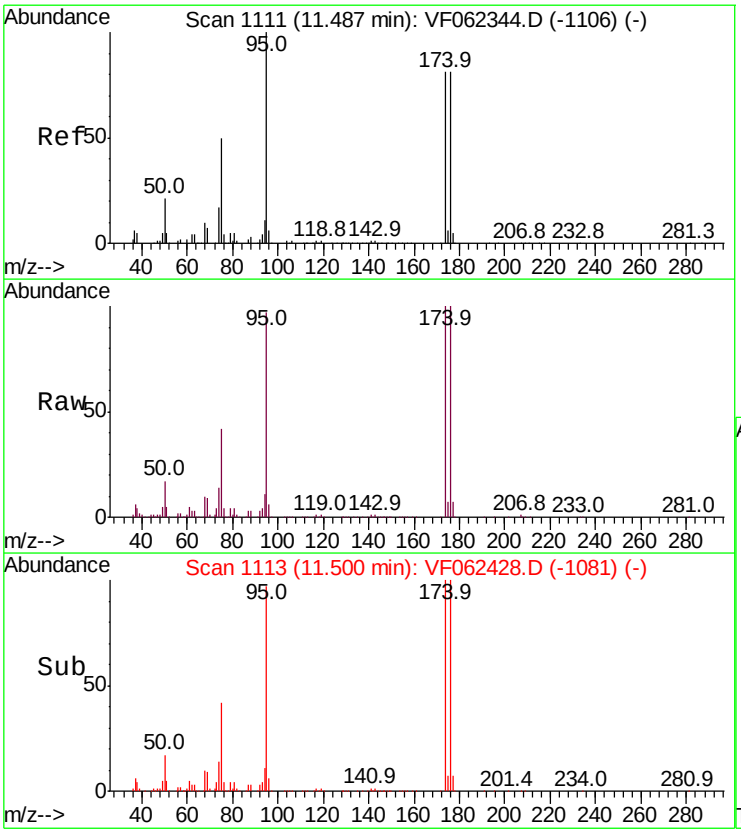
#50
Toluene-d8
Concen: 43.138 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument : MSVOA_F
ClientSampleId : PL-02-050719-CRE

Tgt Ion: 98 Resp: 481525

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.3	79.9

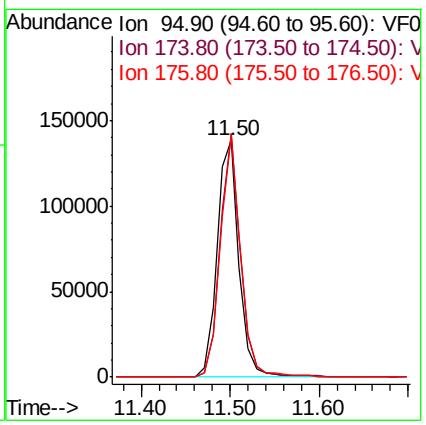


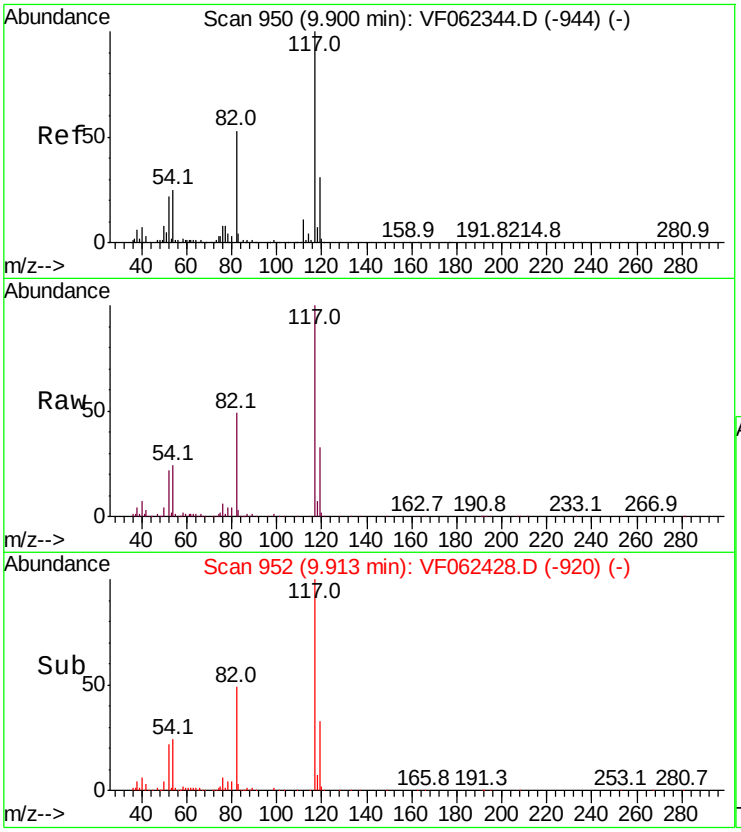


#62
4-Bromofluorobenzene
Concen: 47.214 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion: 95 Resp: 237773

Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	191.8
176	96.5	0.0	193.2



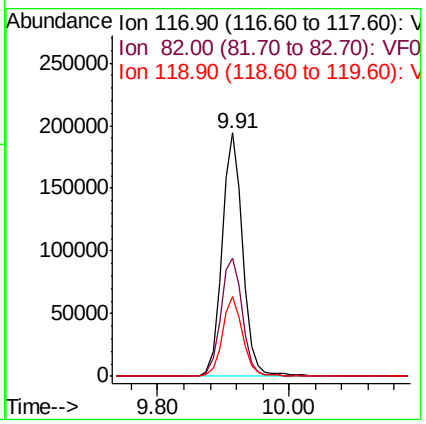


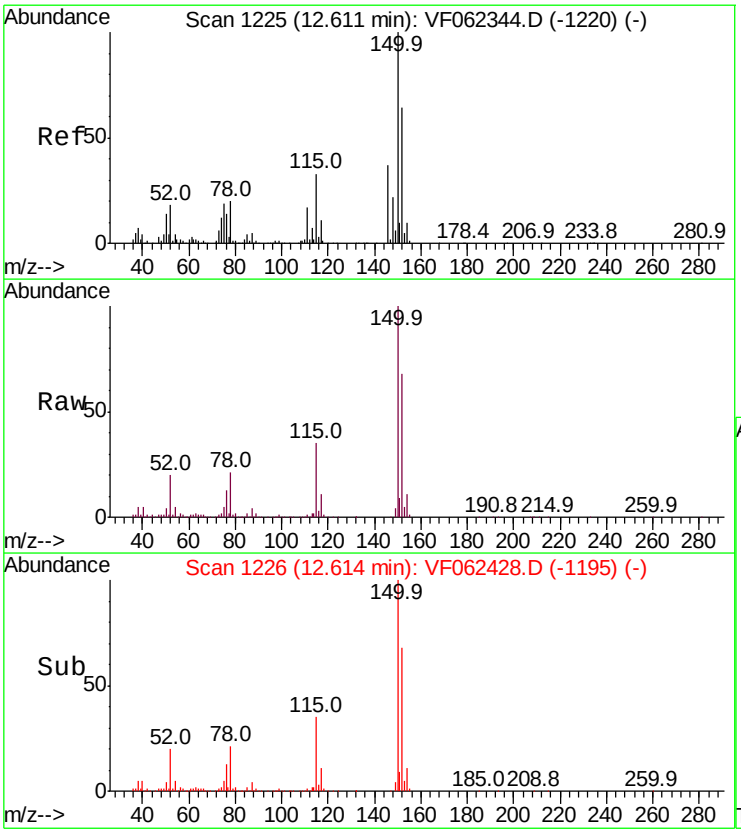
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-CRE

Tgt Ion:117 Resp: 427581

Ion	Ratio	Lower	Upper
117	100		
82	48.7	42.2	63.2
119	32.9	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062428.D
Acq: 10 May 2019 17:27

Tgt Ion:152 Resp: 262950

Ion	Ratio	Lower	Upper
152	100		
115	52.6	26.4	79.2
150	149.8	0.0	335.0