Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF053119\
Data File : VF062817.D
Acq On : 31 May 2019 19:06
Operator : FY/SY
Sample : K2641-19
Misc : 6.62g/5mL/MSVOA_F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : CL-02-053119-D

Quant Time: Jun 01 01:44:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	764827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1276574	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	940514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	358823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	204705	38.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.42%			
35) Dibromofluoromethane	4.33	113	385442	39.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.92%			
50) Toluene-d8	7.73	98	832172	34.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.22%			
62) 4-Bromofluorobenzene	11.50	95	279016	31.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 63.60%			
Target Compounds						Qvalue
16) Acetone	2.36	43	82990	68.559	ug/l	98
52) Toluene	7.80	92	34627	1.880	ug/l	96
95) Naphthalene	14.50	128	28316	2.581	ug/l #	90

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

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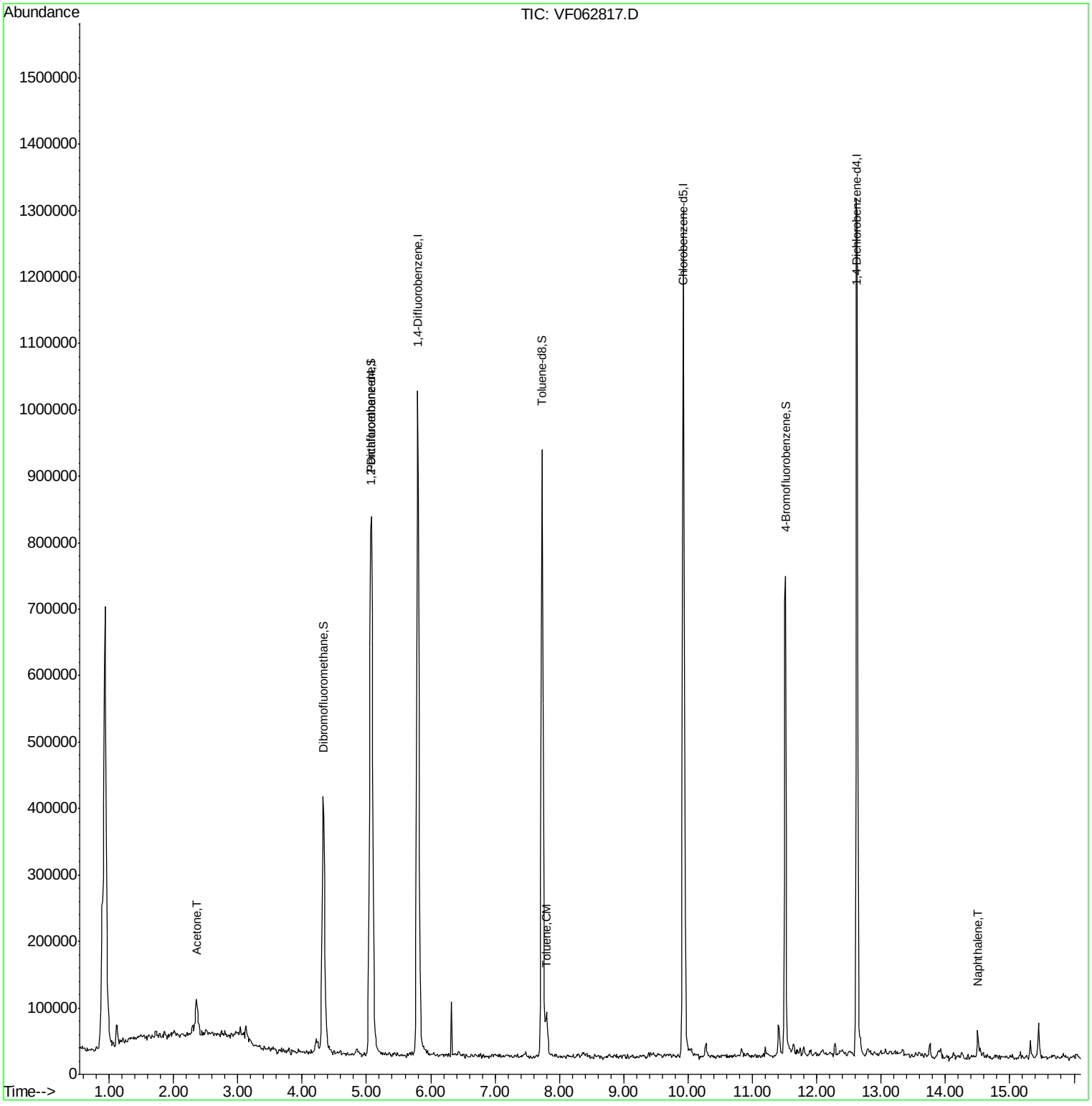
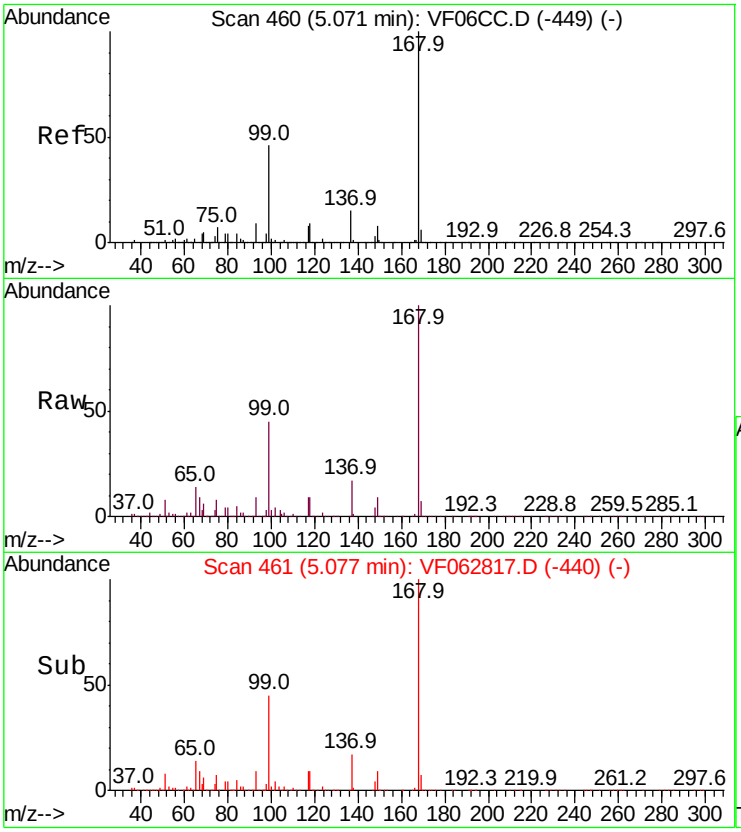


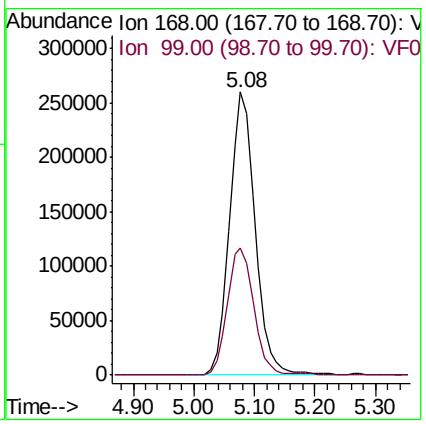


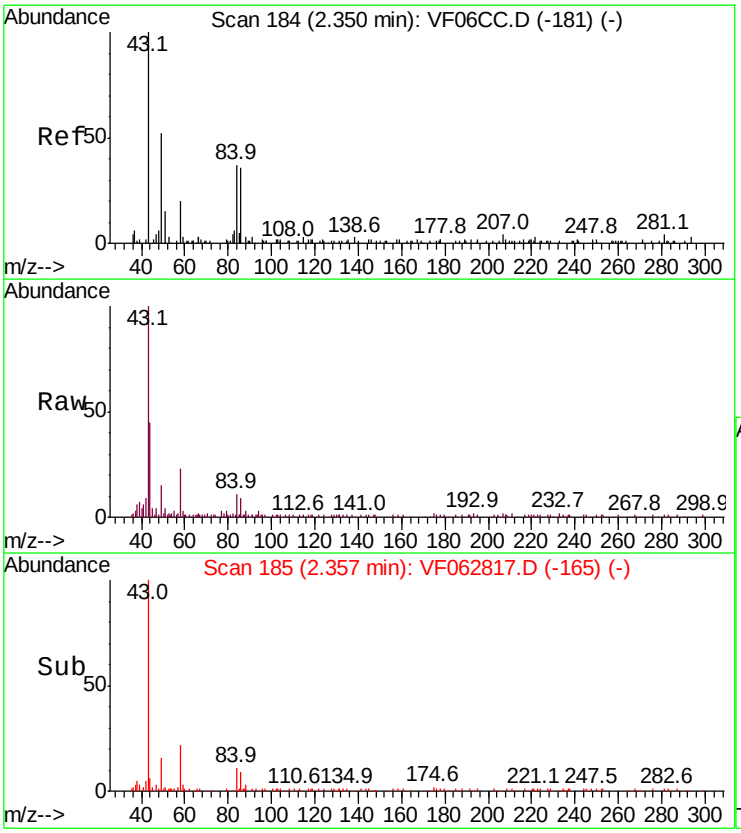
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. 0.00 min
Lab File: VF062817.D
Acq: 31 May 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :
CL-02-053119-D

Tgt Ion:168 Resp: 764827

Ion	Ratio	Lower	Upper
168	100		
99	44.8	39.1	58.7

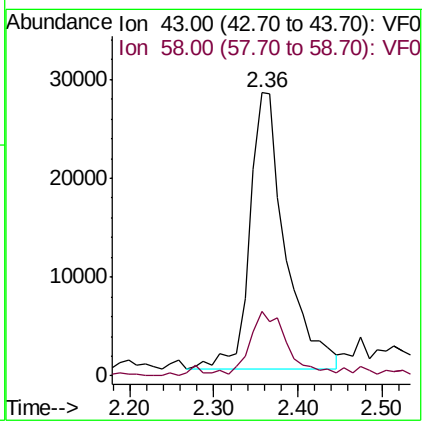


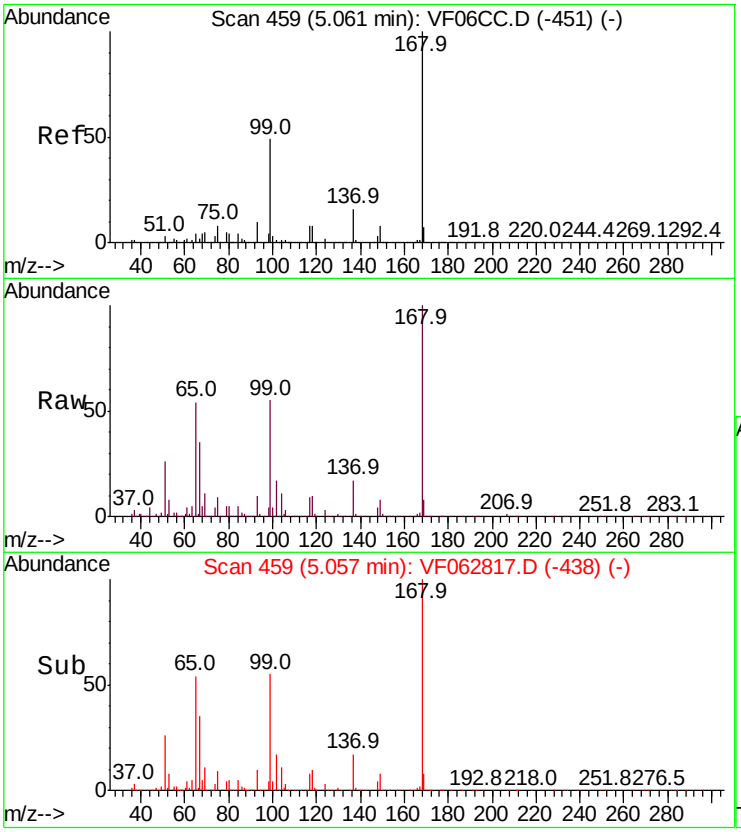


#16
Acetone
Concen: 68.559 ug/l
RT: 2.36 min Scan# 185
Delta R.T. -0.01 min
Lab File: VF062817.D
Acq: 31 May 2019 19:06

Tgt Ion: 43 Resp: 82990

Ion	Ratio	Lower	Upper
43	100		
58	22.7	19.0	28.4



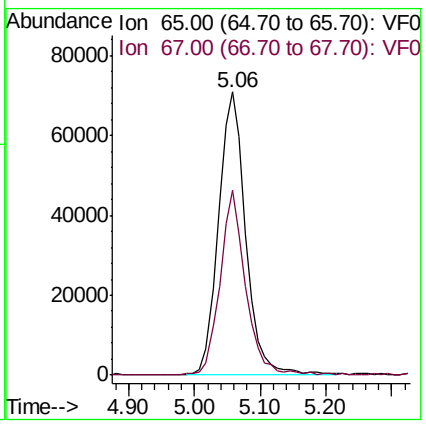


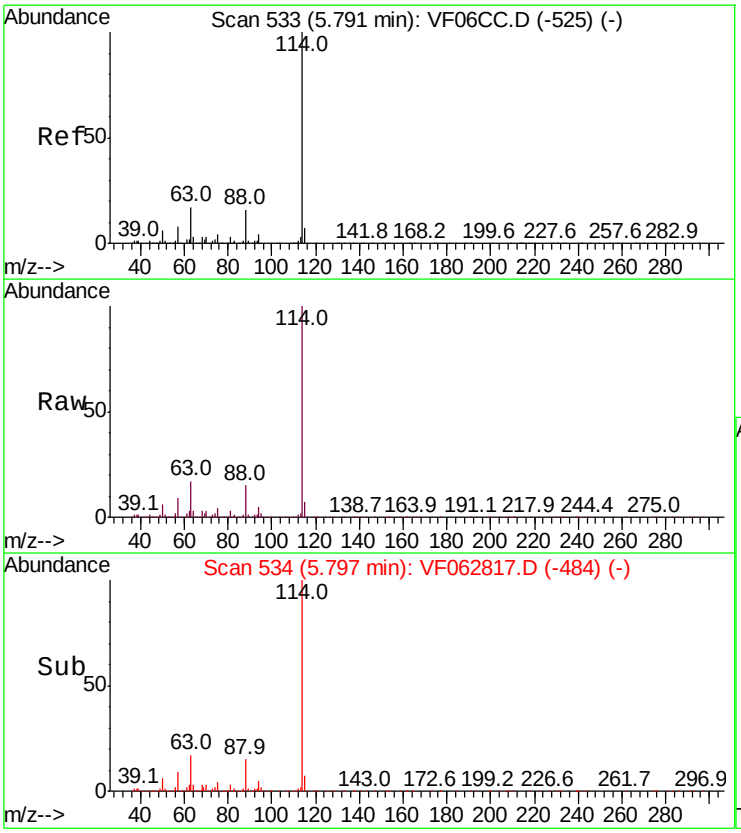
#33
1,2-Dichloroethane-d4
Concen: 38.705 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.00 min
Lab File: VF062817.D
Acq: 31 May 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :
CL-02-053119-D

Tgt Ion: 65 Resp: 204705

Ion	Ratio	Lower	Upper
65	100		
67	65.3	0.0	121.2

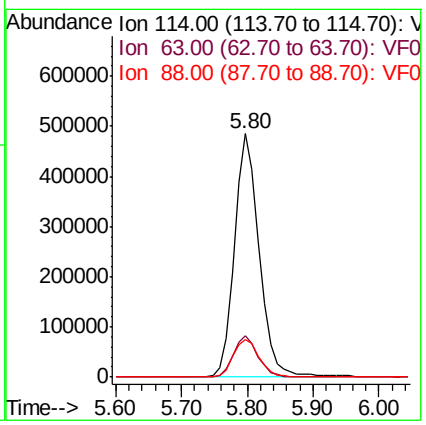


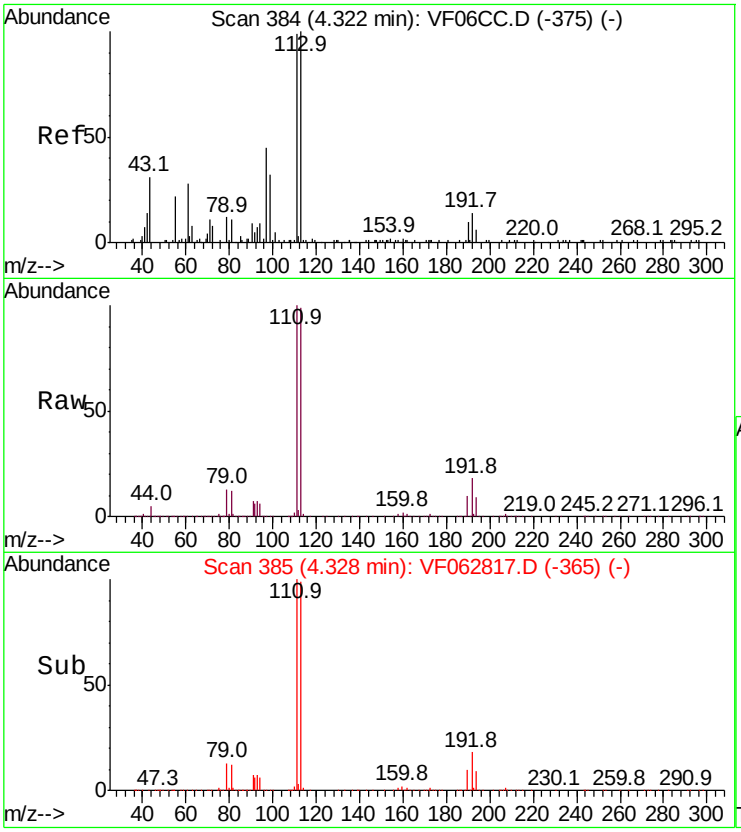


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. -0.01 min
Lab File: VF062817.D
Acq: 31 May 2019 19:06

Tgt Ion:114 Resp: 1276574

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	34.2
88	15.5	0.0	31.2



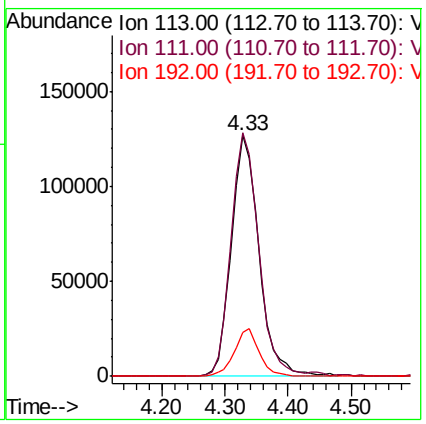


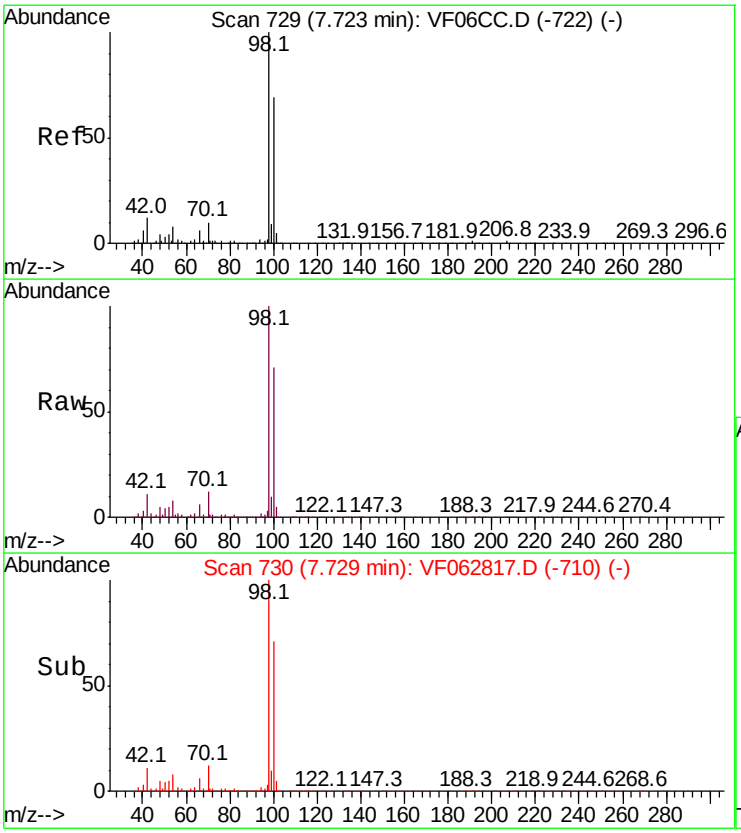
#35
Dibromofluoromethane
Concen: 39.957 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.01 min
Lab File: VF062817.D
Acq: 31 May 2019 19:06

Instrument : MSVOA_F
ClientSampleId : CL-02-053119-D

Tgt Ion:113 Resp: 385442

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.9	122.9
192	18.3	15.1	22.7

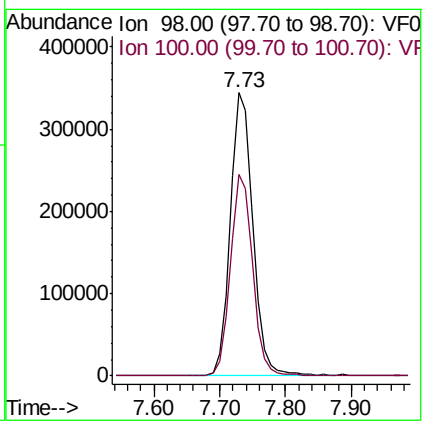


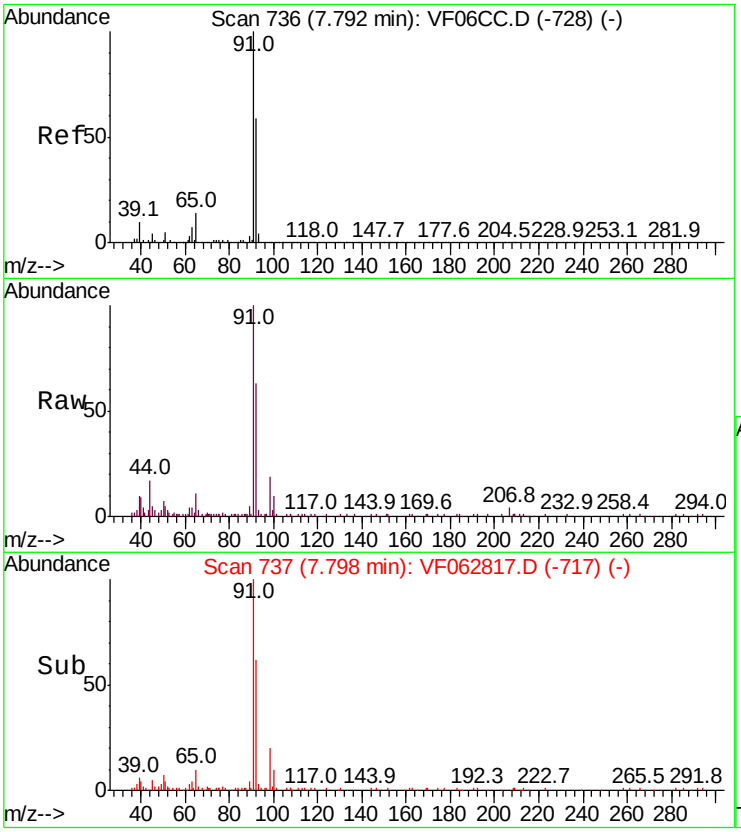


#50
Toluene-d8
Concen: 34.114 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.01 min
Lab File: VF062817.D
Acq: 31 May 2019 19:06

Tgt Ion: 98 Resp: 832172

Ion	Ratio	Lower	Upper
98	100		
100	71.1	59.8	89.8



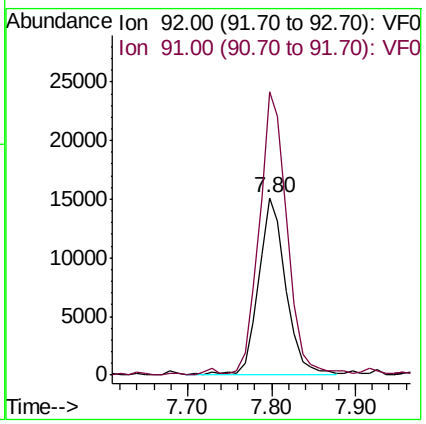


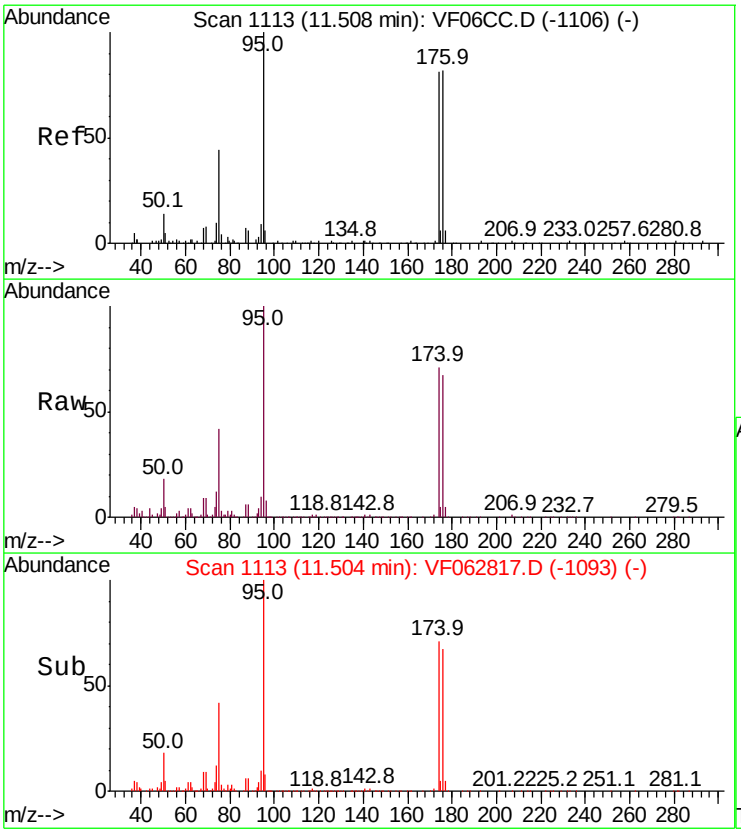
#52
Toluene
Concen: 1.880 ug/l
RT: 7.80 min Scan# 737
Delta R.T. -0.01 min
Lab File: VF062817.D
Acq: 31 May 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :
CL-02-053119-D

Tgt Ion: 92 Resp: 34627

Ion	Ratio	Lower	Upper
92	100		
91	159.7	123.2	184.8

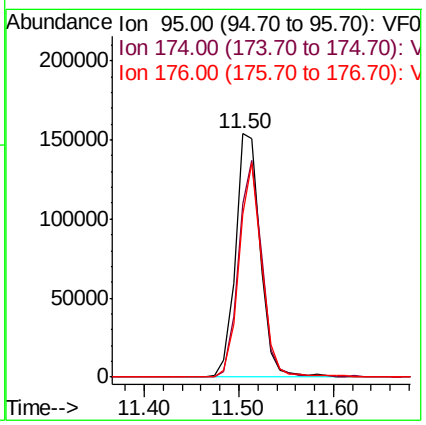


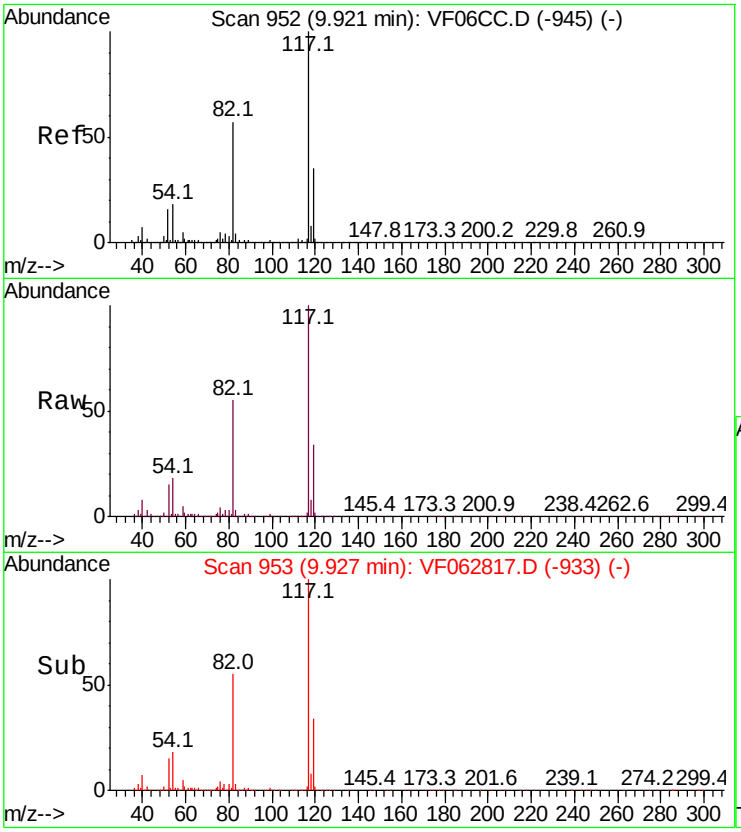


#62
4-Bromofluorobenzene
Concen: 31.798 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF062817.D
Acq: 31 May 2019 19:06

Tgt Ion: 95 Resp: 279016

Ion	Ratio	Lower	Upper
95	100		
174	70.9	0.0	170.6
176	67.1	0.0	170.6



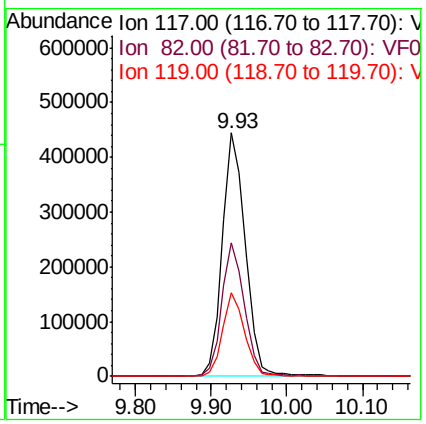


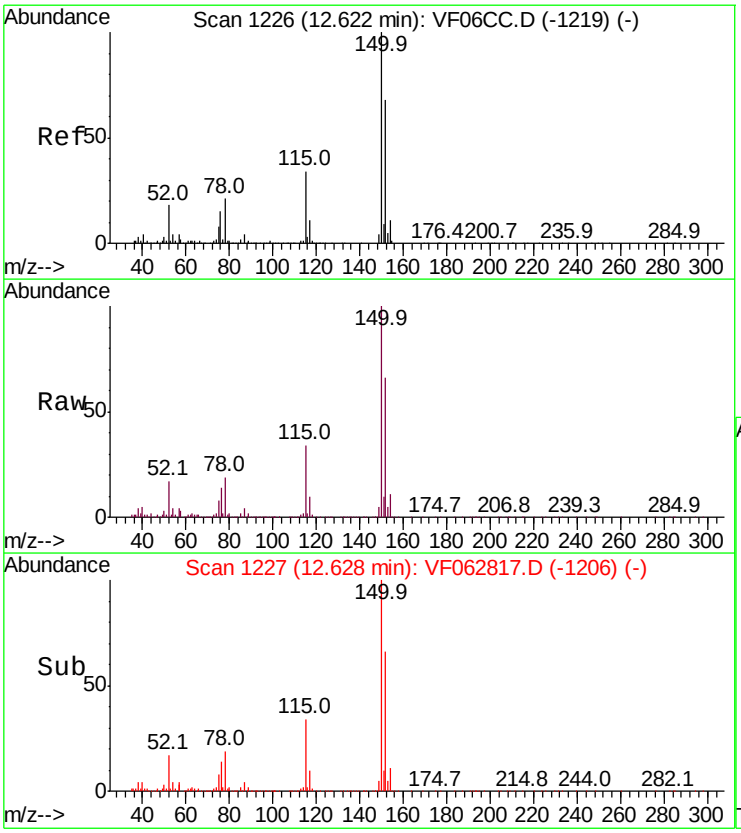
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062817.D
Acq: 31 May 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :
CL-02-053119-D

Tgt Ion:117 Resp: 940514

Ion	Ratio	Lower	Upper
117	100		
82	54.6	42.4	63.6
119	34.4	27.1	40.7

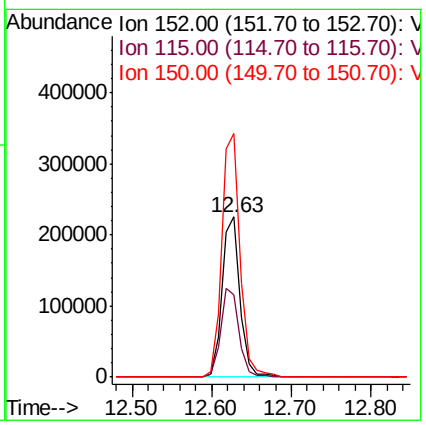


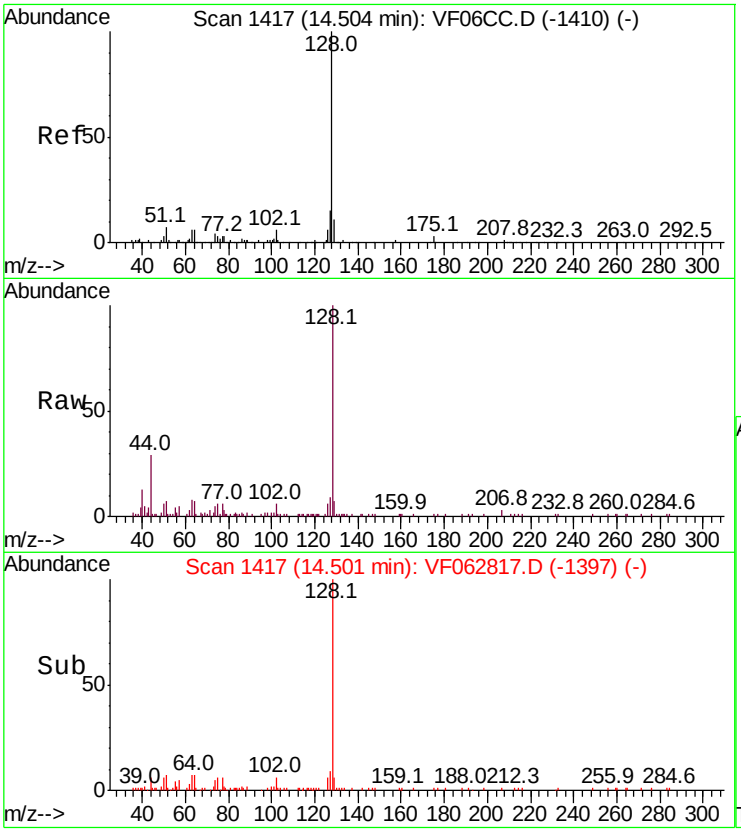


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF062817.D
Acq: 31 May 2019 19:06

Tgt Ion:152 Resp: 358823

Ion	Ratio	Lower	Upper
152	100		
115	51.6	24.6	74.0
150	152.0	0.0	290.6





#95
Naphthalene
Concen: 2.581 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.01 min
Lab File: VF062817.D
Acq: 31 May 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :
CL-02-053119-D

Tgt Ion:128 Resp: 28316

Ion	Ratio	Lower	Upper
128	100		
127	8.9	9.7	14.5#
129	7.0	9.4	14.2#