Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010719\
Data File : VF061277.D
Acq On : 7 Jan 2019 14:13
Operator : VA/AP
Sample : K1012-01
Misc : 6.31g/5mL/MSVOA-F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EO-02-010419-A

Quant Time: Jan 08 00:42:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010319S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 03:27:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	182589	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.56	114	338314	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	270583	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	119815	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	110311	47.59	ug/l	-0.03
Spiked Amount 50.000			Recovery = 95.18%			
35) Dibromofluoromethane	4.09	113	131520	50.53	ug/l	-0.03
Spiked Amount 50.000			Recovery = 101.06%			
50) Toluene-d8	7.53	98	312399	40.45	ug/l	-0.03
Spiked Amount 50.000			Recovery = 80.90%			
62) 4-Bromofluorobenzene	11.39	95	132178	38.62	ug/l	-0.01
Spiked Amount 50.000			Recovery = 77.24%			
Target Compounds						Qvalue
16) Acetone	2.22	43	8245	1.855	ug/l	98
20) Methylene Chloride	2.16	84	14229	3.338	ug/l	94
52) Toluene	7.60	92	9625	1.630	ug/l	89
68) m/p-Xylenes	10.10	106	4425	1.199	ug/l	99
69) o-Xylene	10.68	106	4049	1.014	ug/l	95
80) 1,3,5-Trimethylbenzene	11.81	105	8849	1.077	ug/l	90
84) 1,2,4-Trimethylbenzene	12.18	105	28109	3.436	ug/l	99
95) Naphthalene	14.44	128	6311	1.211	ug/l #	95

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

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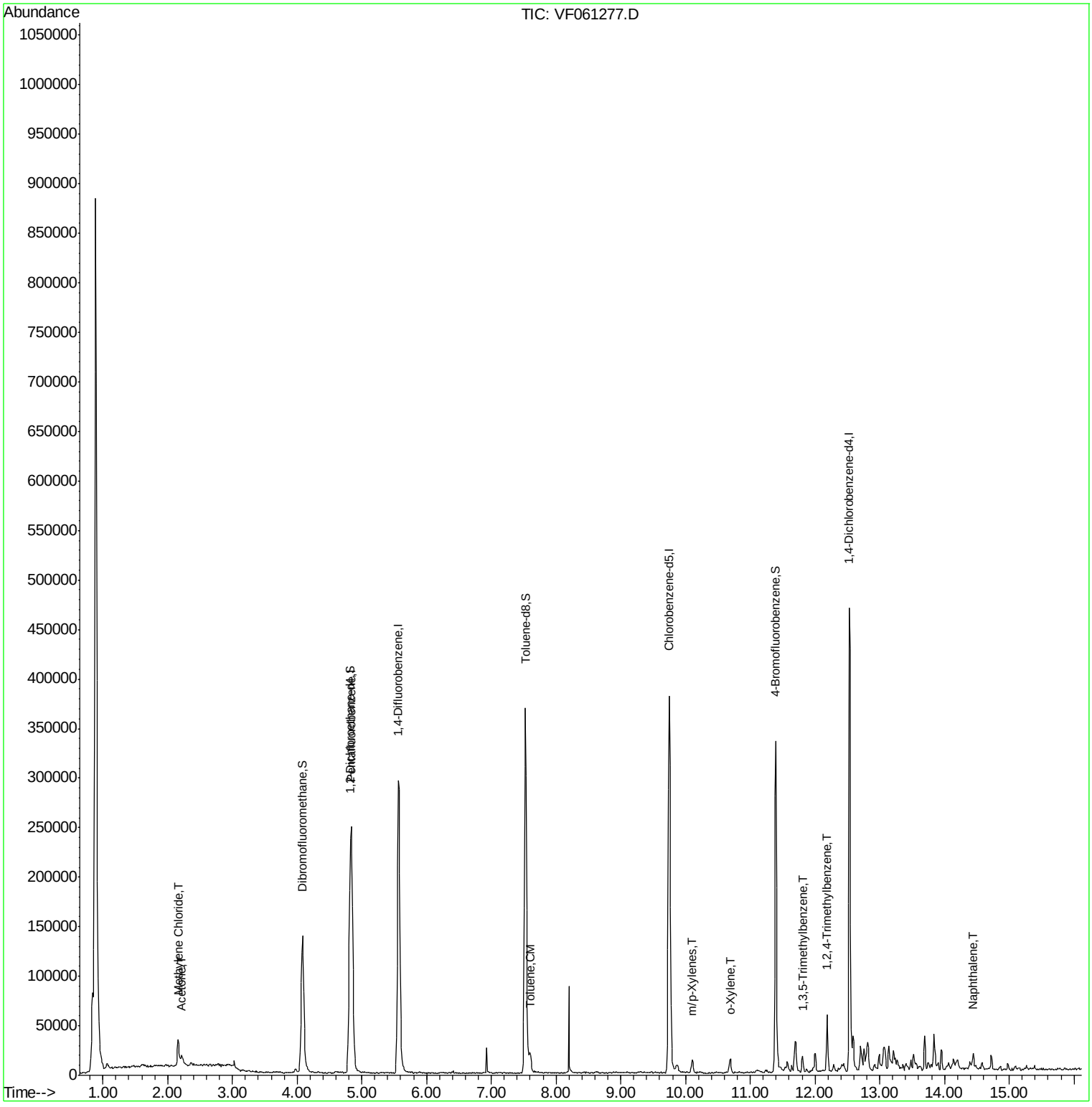
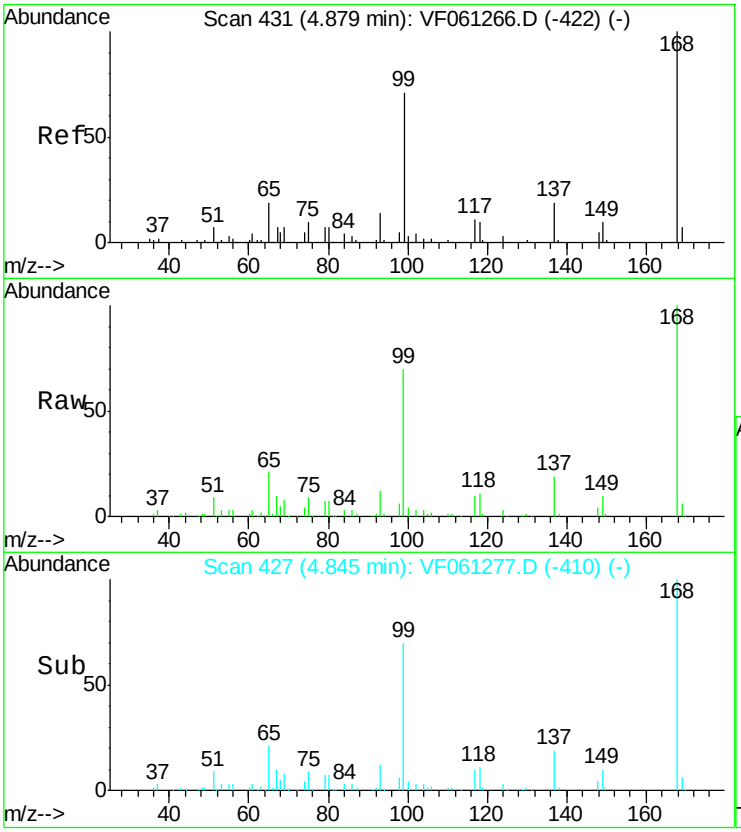


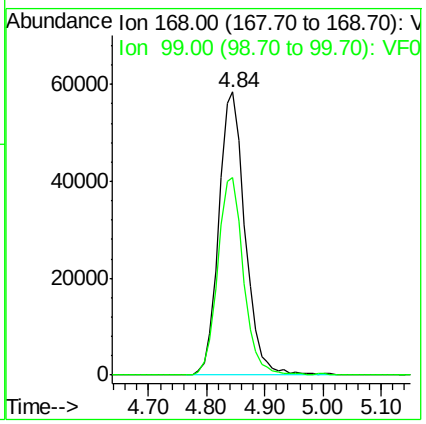


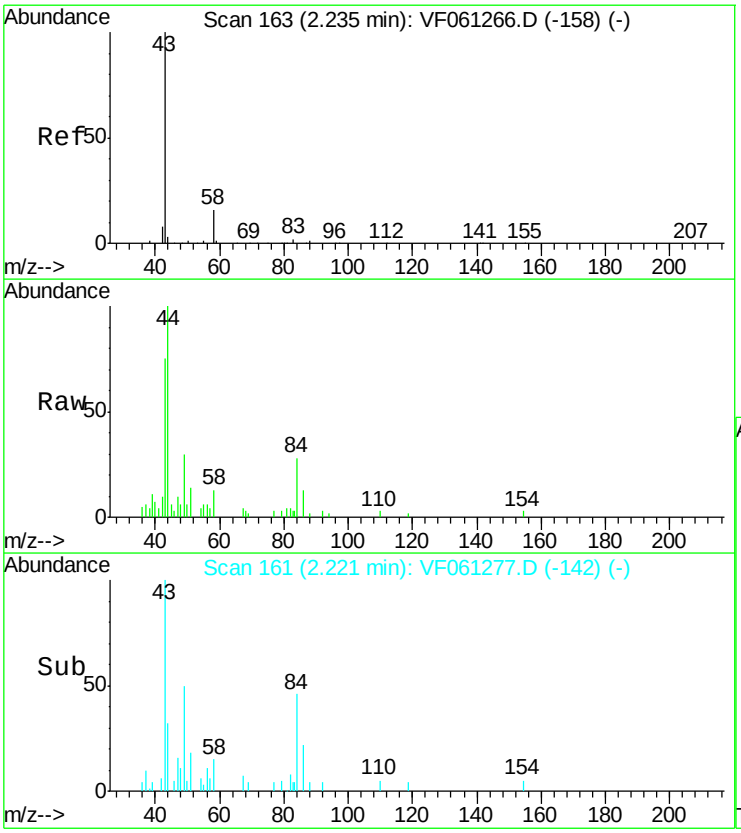
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.03 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-A

Tgt Ion:168 Resp: 182589

Ion	Ratio	Lower	Upper
168	100		
99	69.9	57.0	85.6

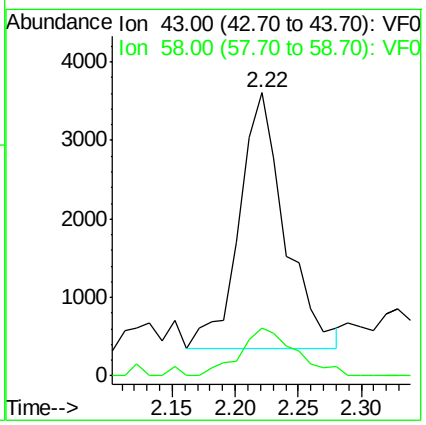


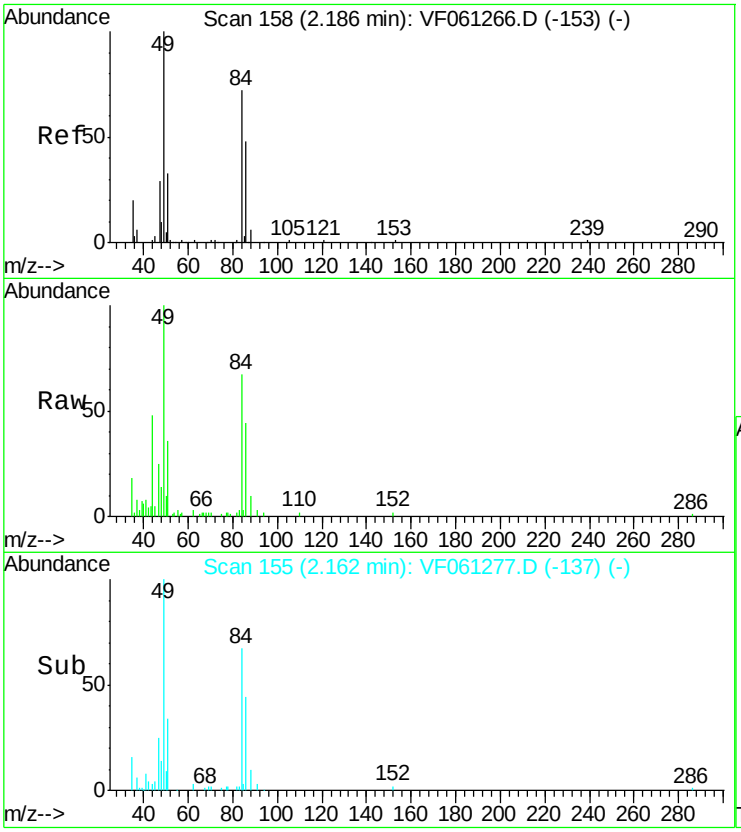


#16
Acetone
Concen: 1.855 ug/l
RT: 2.22 min Scan# 161
Delta R.T. -0.01 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Tgt Ion: 43 Resp: 8245

Ion	Ratio	Lower	Upper
43	100		
58	16.9	13.0	19.4



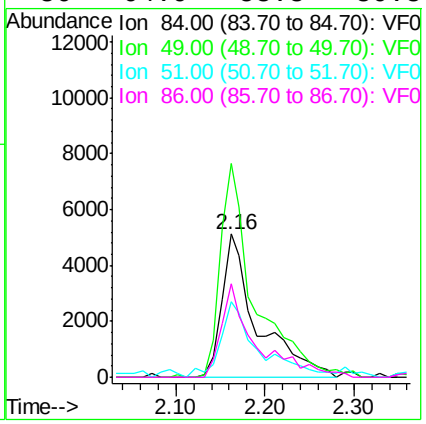


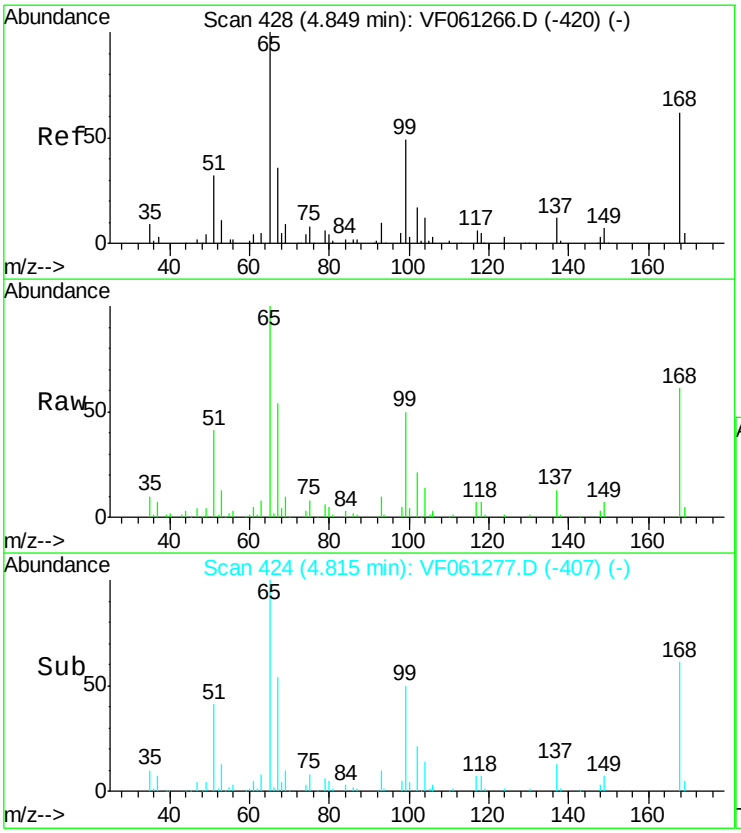
#20
Methylene Chloride
Concen: 3.338 ug/l
RT: 2.16 min Scan# 155
Delta R.T. -0.02 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-A

Tgt Ion: 84 Resp: 14229

Ion	Ratio	Lower	Upper
84	100		
49	149.3	112.9	169.3
51	53.2	37.9	56.9
86	64.9	53.8	80.8

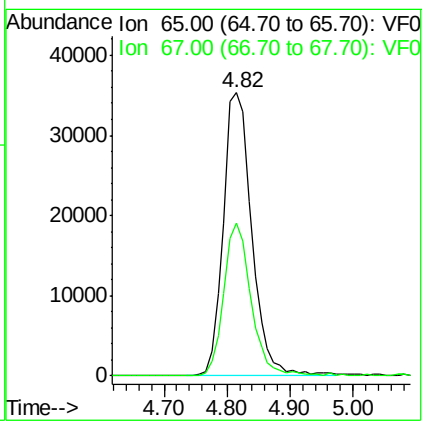


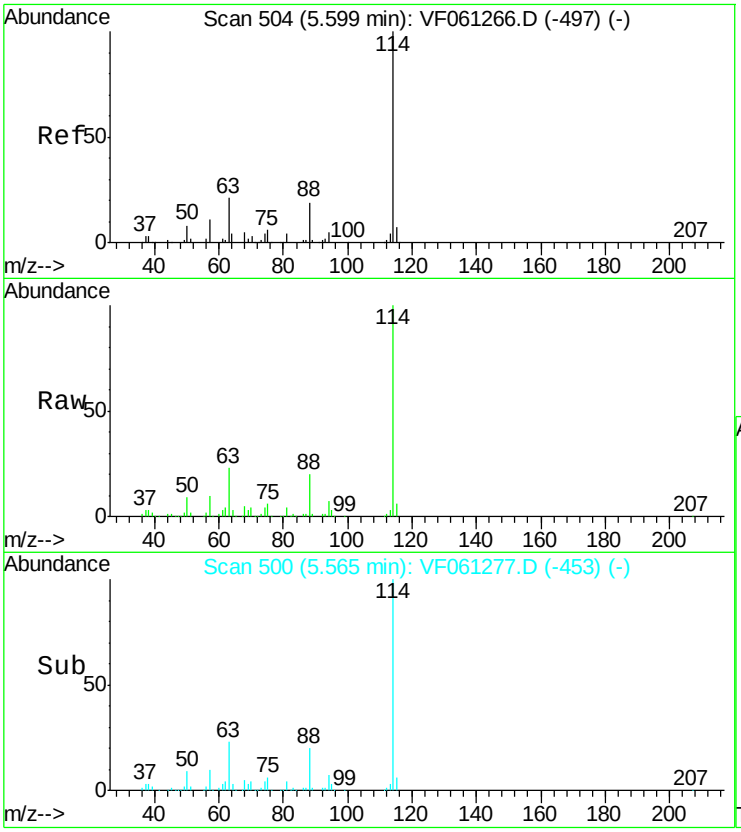


#33
1,2-Dichloroethane-d4
Concen: 47.594 ug/l
RT: 4.82 min Scan# 424
Delta R.T. -0.03 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Tgt Ion: 65 Resp: 110311

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	90.4



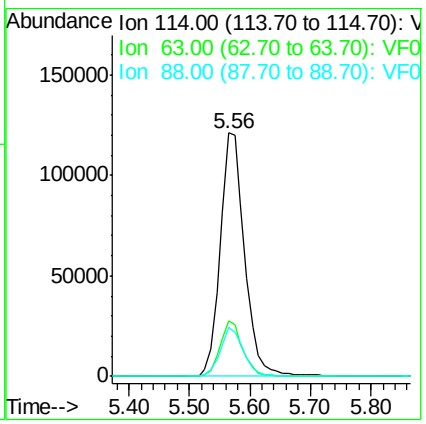


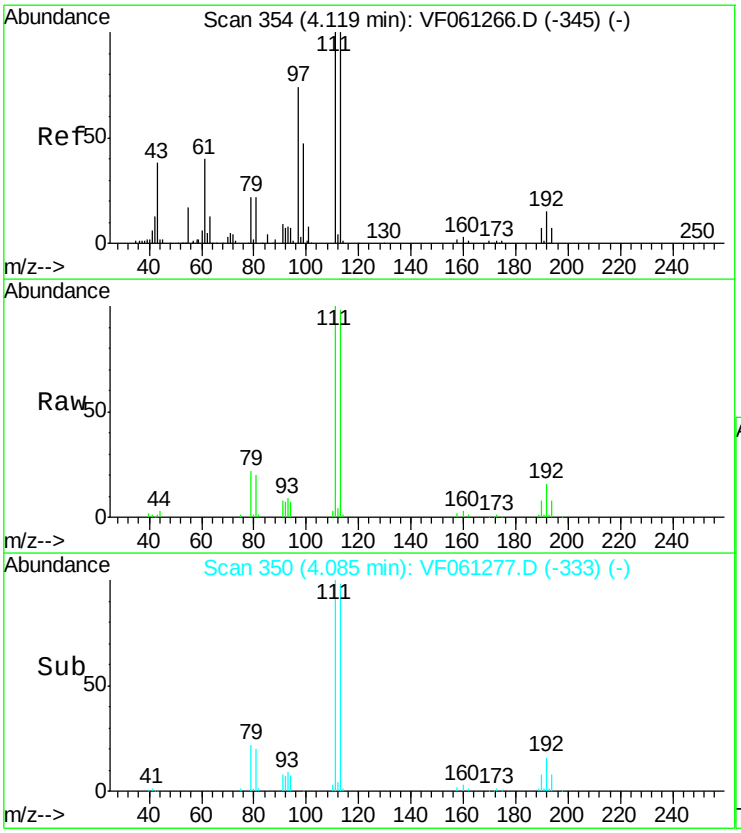
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.56 min Scan# 500
Delta R.T. -0.03 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-A

Tgt Ion:114 Resp: 338314

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	41.8
88	20.1	0.0	38.4

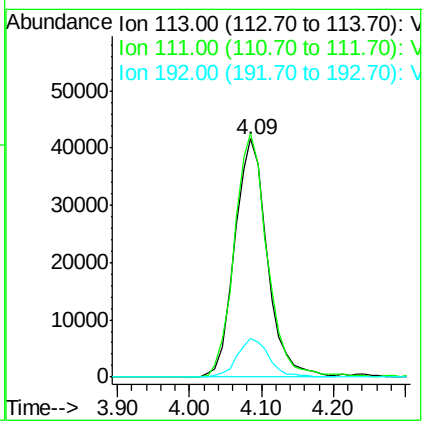


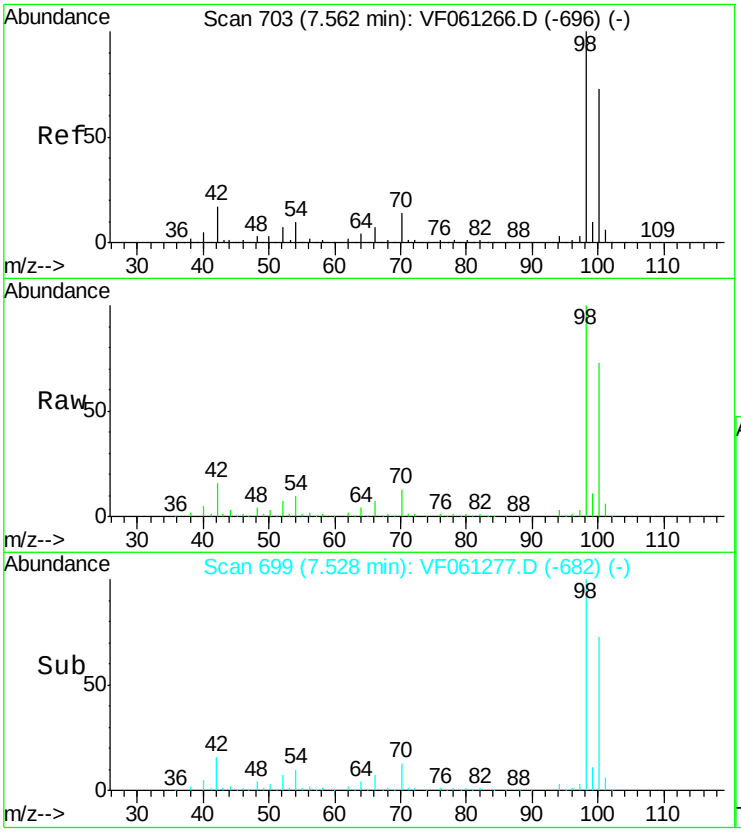


#35
Dibromofluoromethane
Concen: 50.530 ug/l
RT: 4.09 min Scan# 350
Delta R.T. -0.03 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Tgt Ion:113 Resp: 131520

Ion	Ratio	Lower	Upper
113	100		
111	102.1	79.8	119.6
192	16.4	11.9	17.9



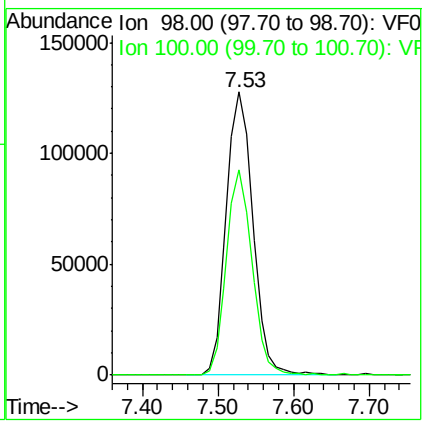


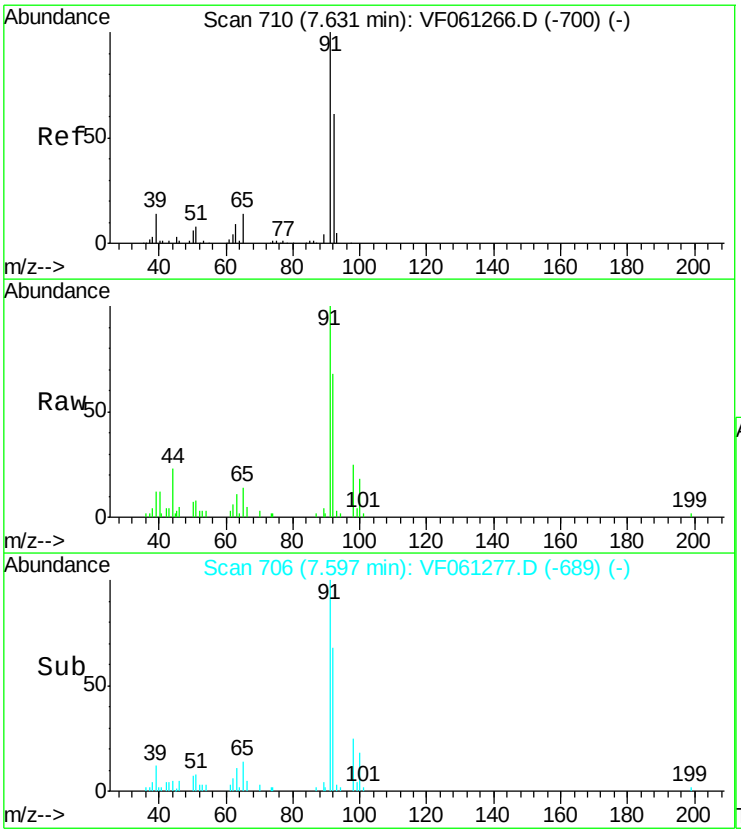
#50
Toluene-d8
Concen: 40.446 ug/l
RT: 7.53 min Scan# 699
Delta R.T. -0.03 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-A

Tgt Ion: 98 Resp: 312399

Ion	Ratio	Lower	Upper
98	100		
100	72.7	58.1	87.1

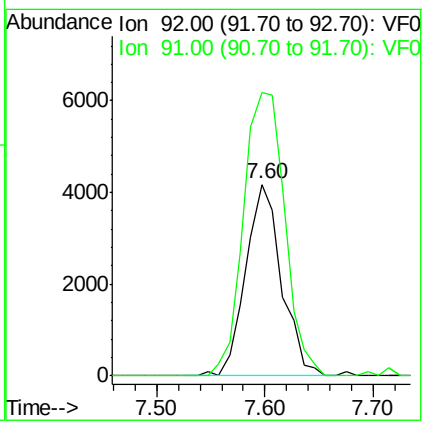


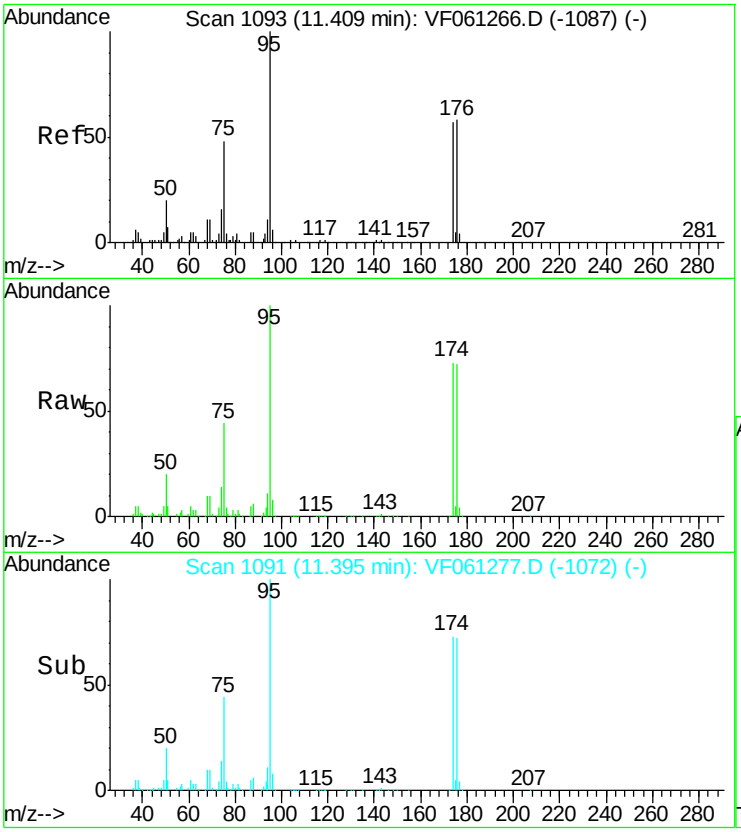


#52
Toluene
Concen: 1.630 ug/l
RT: 7.60 min Scan# 706
Delta R.T. -0.03 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Tgt Ion: 92 Resp: 9625

Ion	Ratio	Lower	Upper
92	100		
91	147.8	130.5	195.7



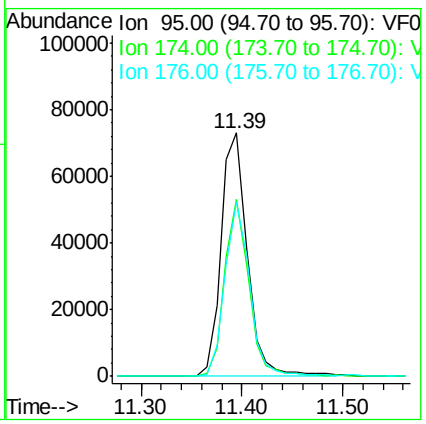


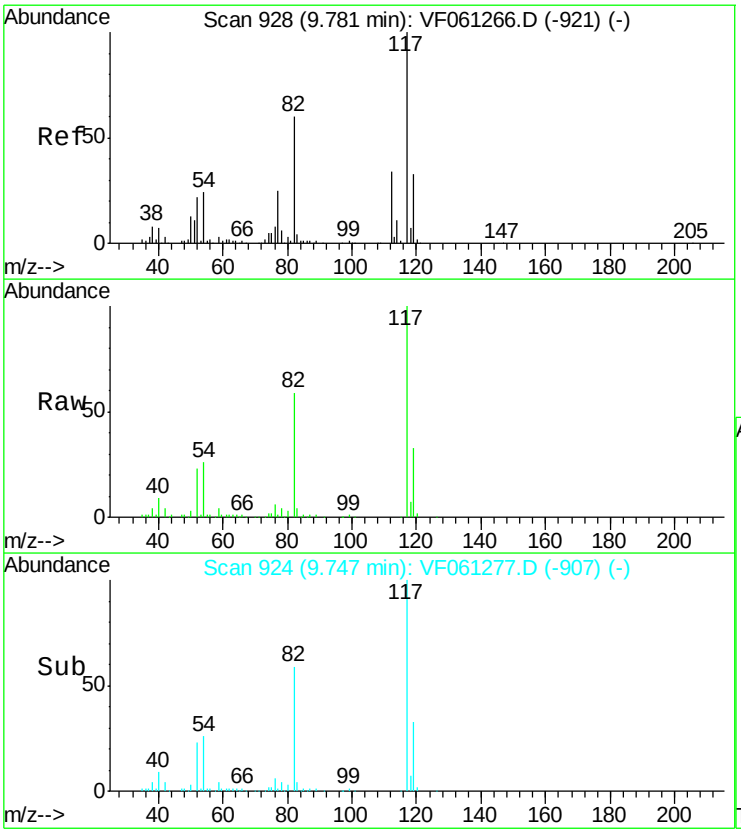
#62
4-Bromofluorobenzene
Concen: 38.622 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-A

Tgt Ion: 95 Resp: 132178

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	113.2
176	71.8	0.0	115.6

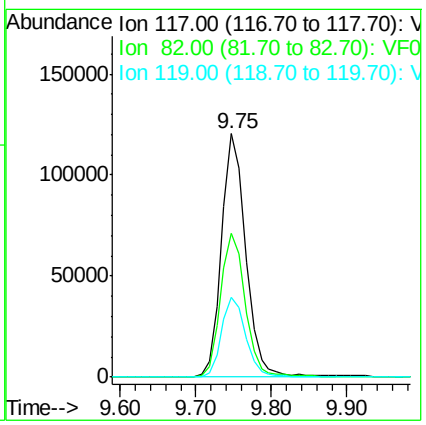


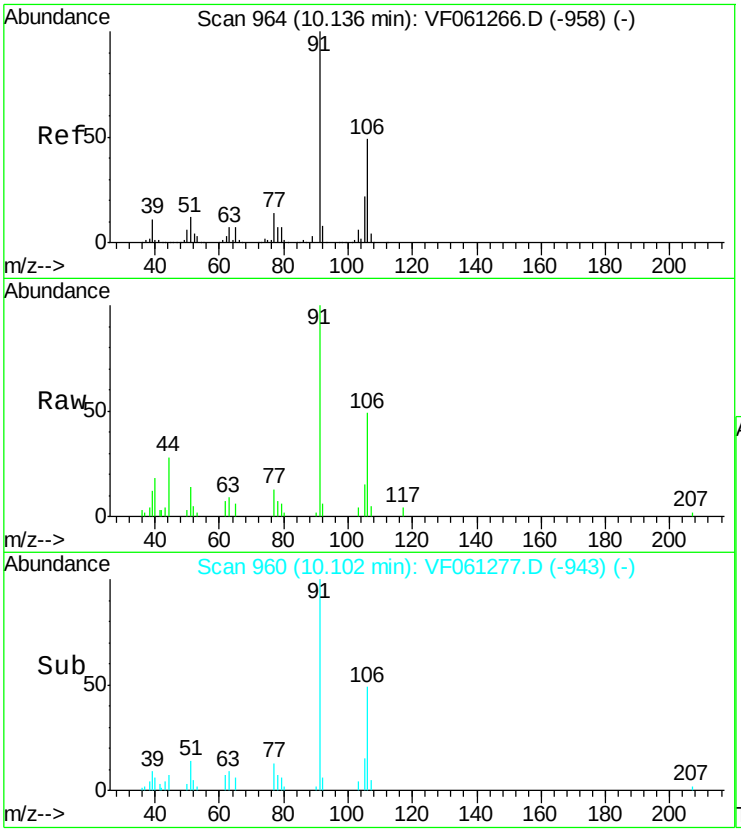


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 924
Delta R.T. -0.03 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Tgt Ion:117 Resp: 270583

Ion	Ratio	Lower	Upper
117	100		
82	59.1	47.8	71.6
119	33.0	26.1	39.1



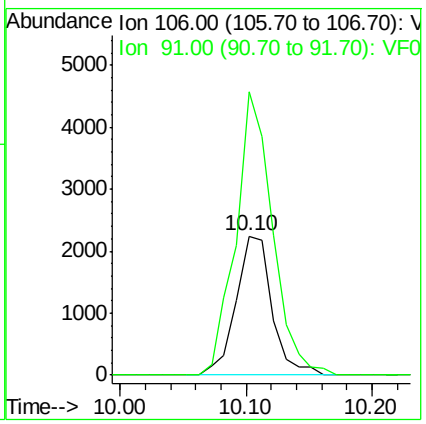


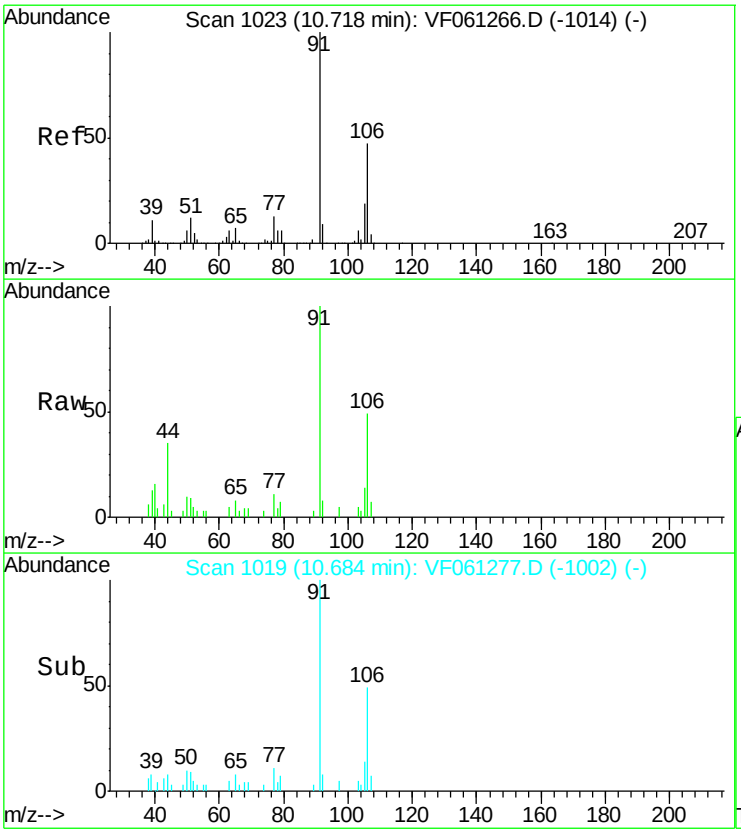
#68
m/p-Xylenes
Concen: 1.199 ug/l
RT: 10.10 min Scan# 960
Delta R.T. -0.03 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-A

Tgt Ion:106 Resp: 4425

Ion	Ratio	Lower	Upper
106	100		
91	204.0	164.8	247.2

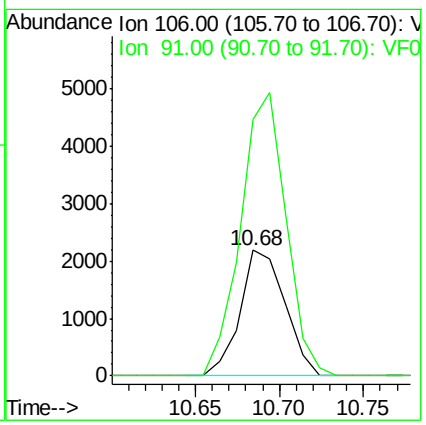


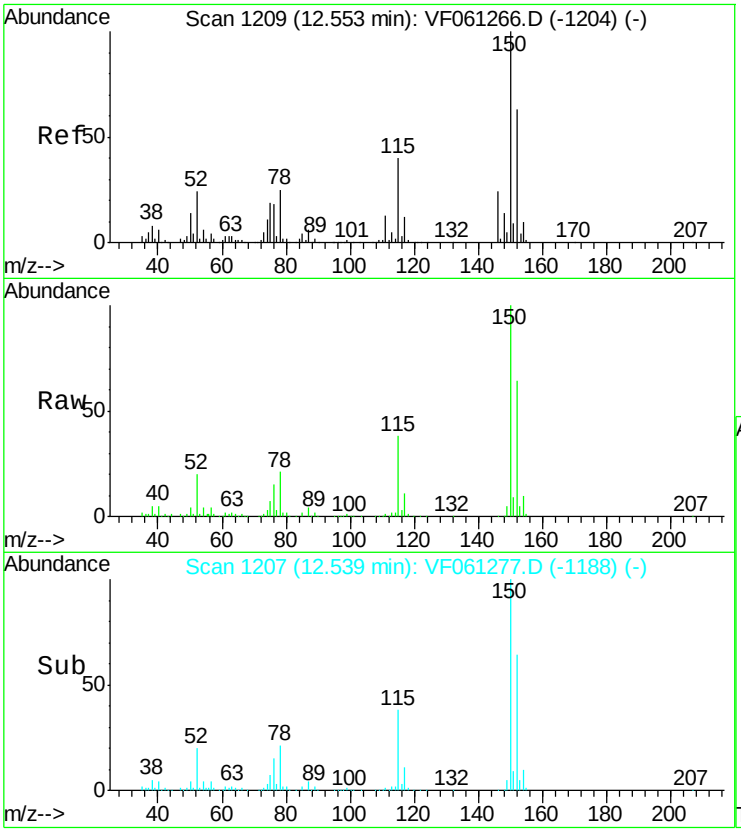


#69
o-Xylene
Concen: 1.014 ug/l
RT: 10.68 min Scan# 1019
Delta R.T. -0.03 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Tgt Ion:106 Resp: 4049

Ion	Ratio	Lower	Upper
106	100		
91	204.2	106.2	318.5



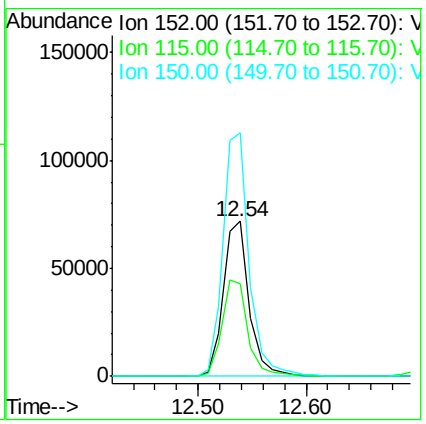


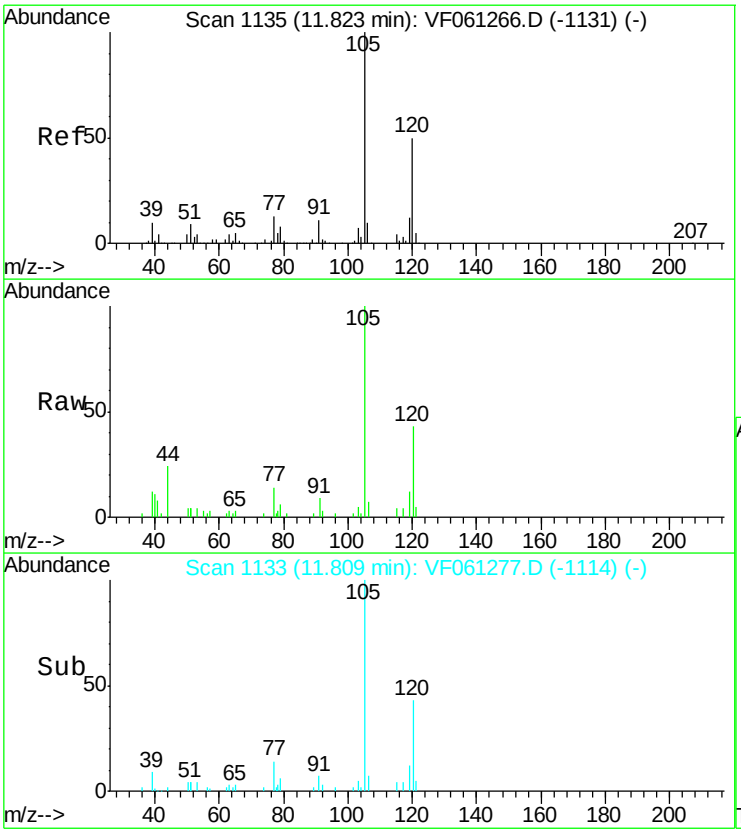
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-A

Tgt Ion:152 Resp: 119815

Ion	Ratio	Lower	Upper
152	100		
115	59.7	31.6	94.7
150	157.2	0.0	320.2

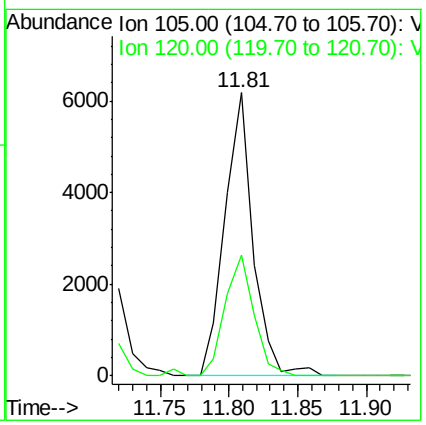


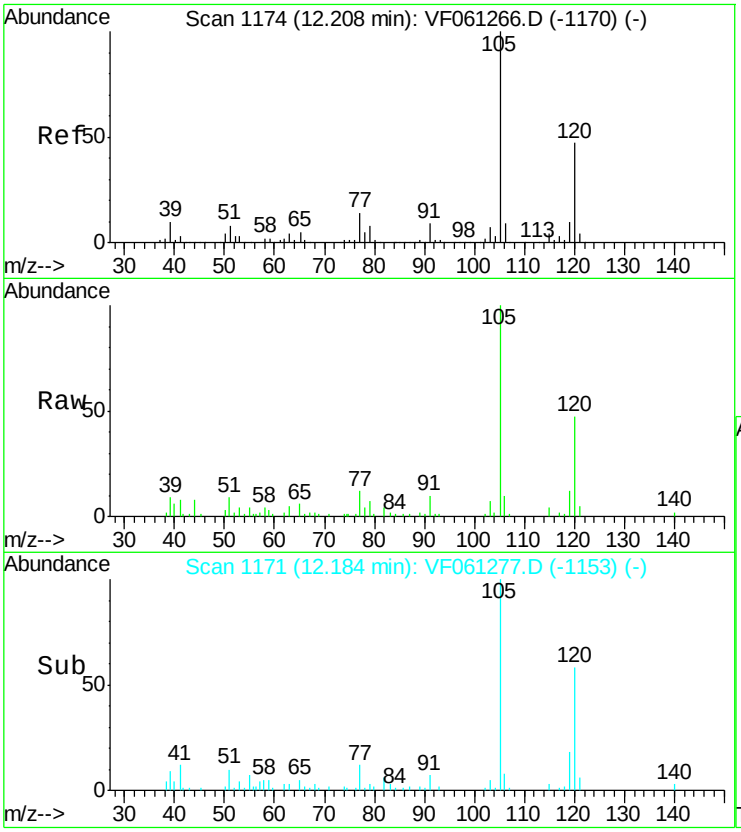


#80
1,3,5-Trimethylbenzene
Concen: 1.077 ug/l
RT: 11.81 min Scan# 1133
Delta R.T. -0.01 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Tgt Ion:105 Resp: 8849

Ion	Ratio	Lower	Upper
105	100		
120	42.5	24.8	74.4



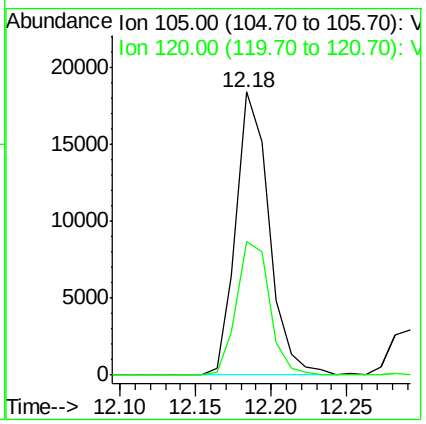


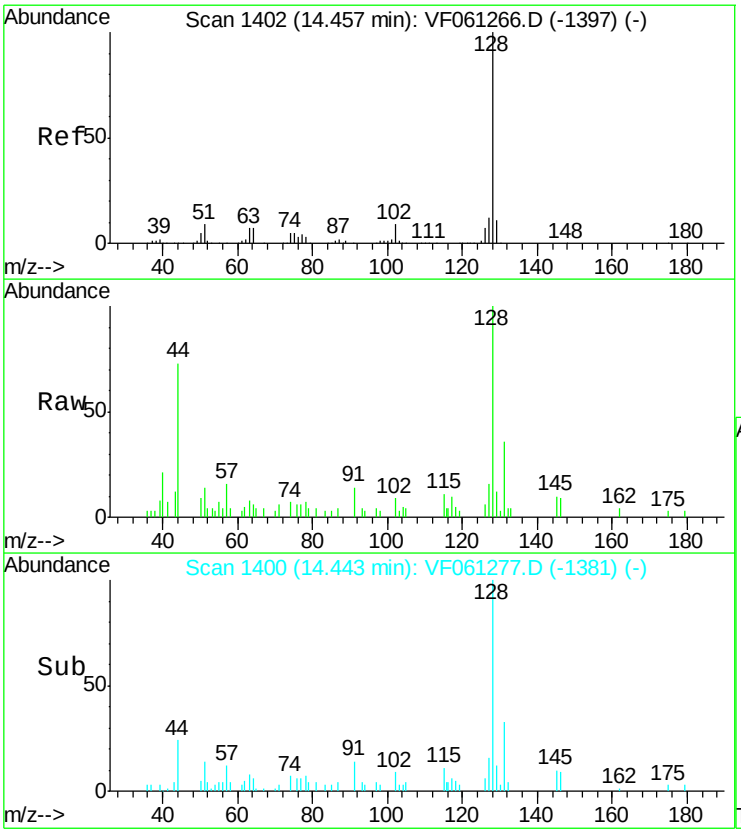
#84
1,2,4-Trimethylbenzene
Concen: 3.436 ug/l
RT: 12.18 min Scan# 1171
Delta R.T. -0.02 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Instrument :
MSVOA_F
ClientSampleId :
EO-02-010419-A

Tgt Ion:105 Resp: 28109

Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.3	69.9





#95
Naphthalene
Concen: 1.211 ug/l
RT: 14.44 min Scan# 1400
Delta R.T. -0.01 min
Lab File: VF061277.D
Acq: 7 Jan 2019 14:13

Tgt Ion:128 Resp: 6311

Ion	Ratio	Lower	Upper
128	100		
127	15.9	9.8	14.6#
129	11.7	9.0	13.4