Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082818\
Data File : VF060152.D
Acq On : 28 Aug 2018 16:18
Operator : VA/AP
Sample : J4646-02RE
Misc : 5.21g/5mL/MSVOA_F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EP1-Q4-A6RE

Quant Time: Aug 28 16:43:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	134884	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	178206	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	153550	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	83635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	46130	24.99	ug/l	-0.04
Spiked Amount 50.000			Recovery = 49.98%			
35) Dibromofluoromethane	4.26	113	55649	39.77	ug/l	-0.04
Spiked Amount 50.000			Recovery = 79.54%			
50) Toluene-d8	7.70	98	167448	42.13	ug/l	-0.02
Spiked Amount 50.000			Recovery = 84.26%			
62) 4-Bromofluorobenzene	11.51	95	67309	32.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 64.04%			
Target Compounds						Qvalue
3) Chloromethane	1.06	50	668	Below Cal	#	40
13) Acrolein	2.08	56	77	27.472	ug/l #	34
16) Acetone	2.30	43	4062	8.372	ug/l	94
18) Methyl Acetate	2.48	43	2544	Below Cal	#	60
20) Methylene Chloride	2.27	84	7119	2.590	ug/l #	74
39) Methylcyclohexane	5.73	83	2653	1.690	ug/l #	48
49) 1,4-Dioxane	6.40	88	74	9.241	ug/l #	18
52) Toluene	7.77	92	4919	Below Cal		92
58) 2-Chloroethyl Vinyl ether	7.77	63	1042	10.987	ug/l	100
68) m/p-Xylenes	10.25	106	379	Below Cal	#	61
95) Naphthalene	14.52	128	399	2.408	ug/l #	69

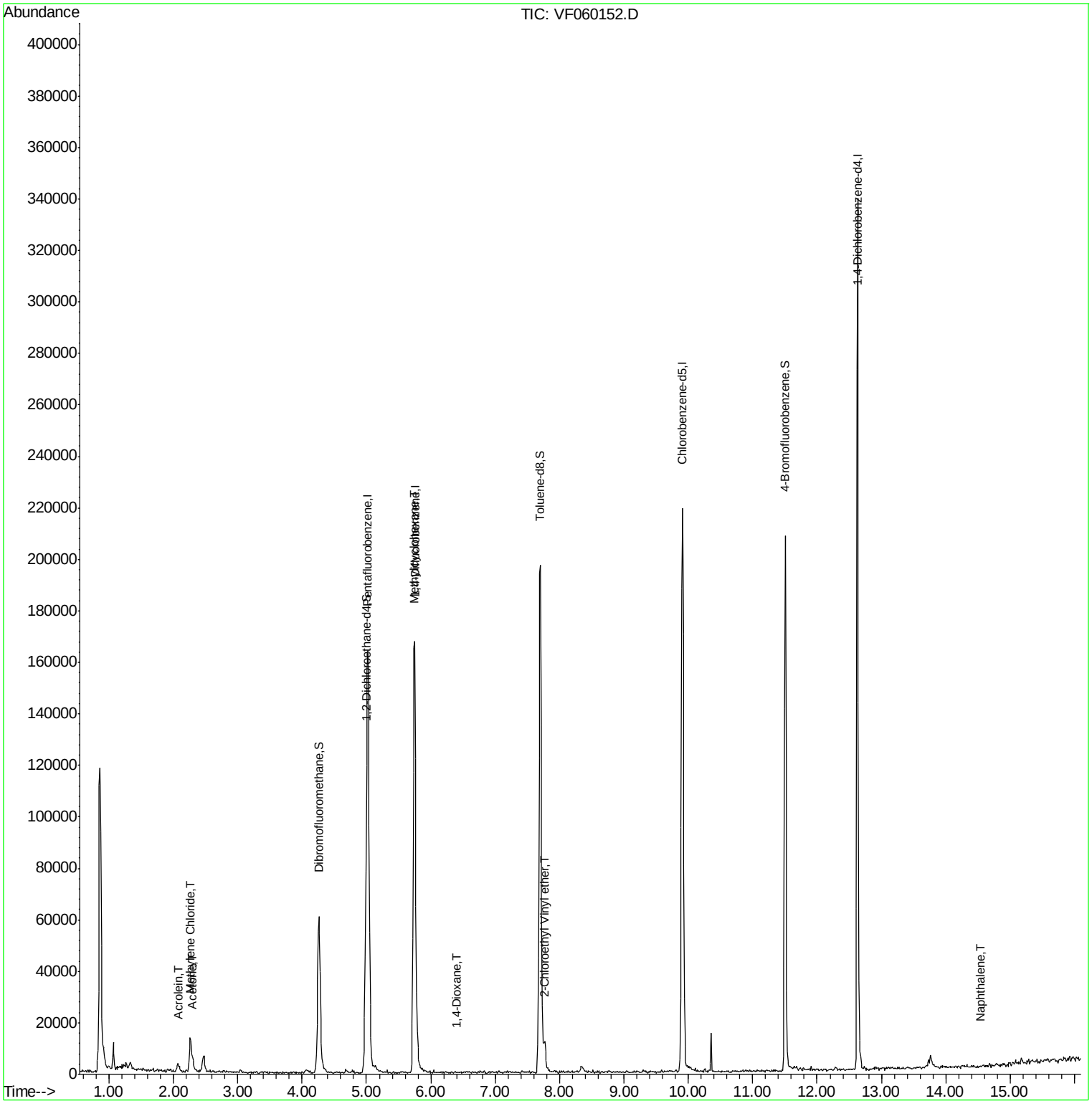
(#) = qualifier out of range (m) = manual integration (+) = signals summed

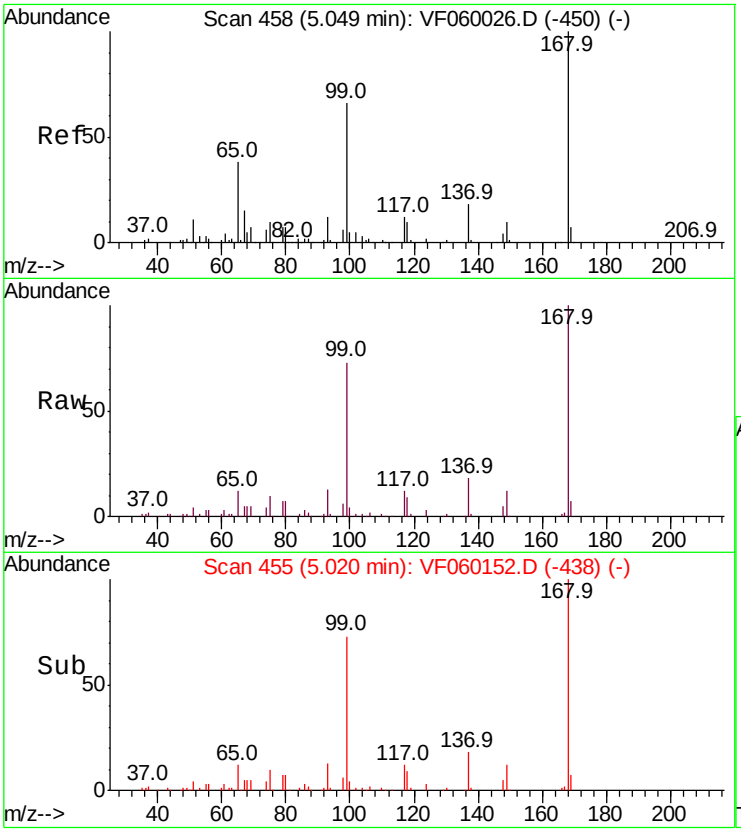
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082818\
Data File : VF060152.D
Acq On : 28 Aug 2018 16:18
Operator : VA/AP
Sample : J4646-02RE
Misc : 5.21g/5mL/MSVOA_F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EP1-Q4-A6RE

Quant Time: Aug 28 16:43:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration



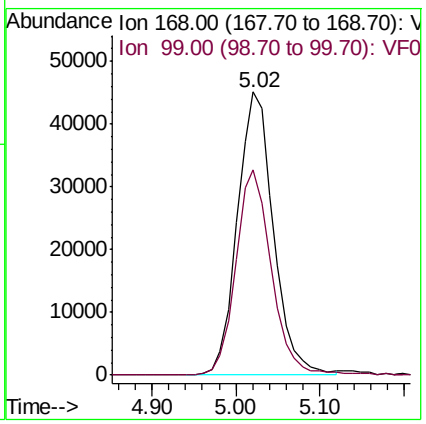


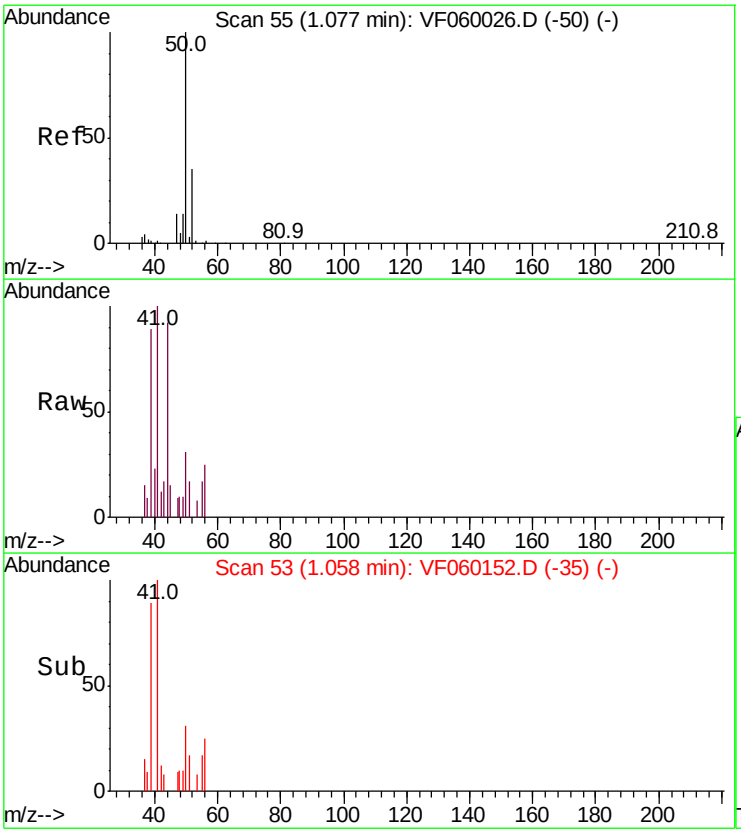
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.03 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A6RE

Tgt Ion:168 Resp: 134884

Ion	Ratio	Lower	Upper
168	100		
99	72.5	52.6	79.0

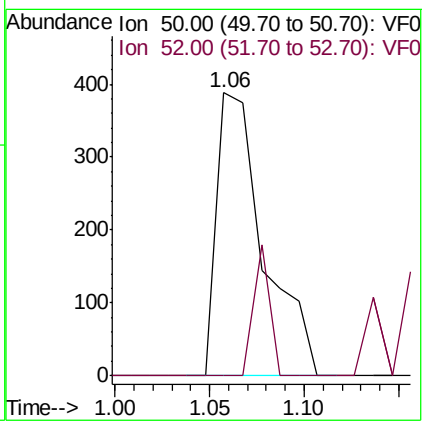


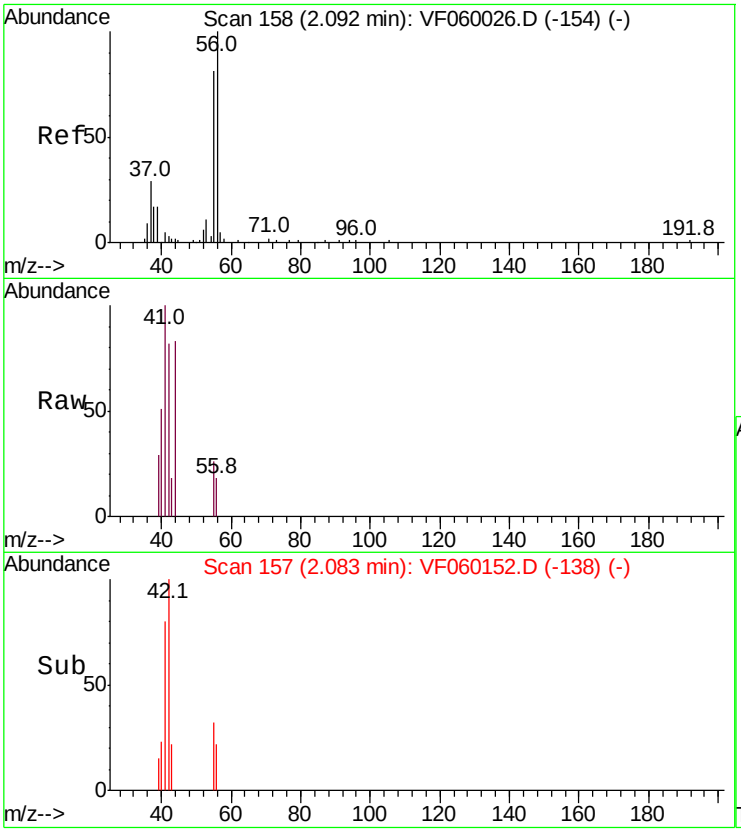


#3
Chloromethane
Concen: Below Cal
RT: 1.06 min Scan# 53
Delta R.T. -0.02 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Tgt Ion: 50 Resp: 668

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.6	41.4#



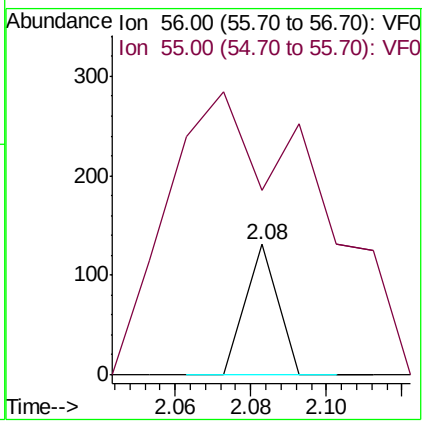


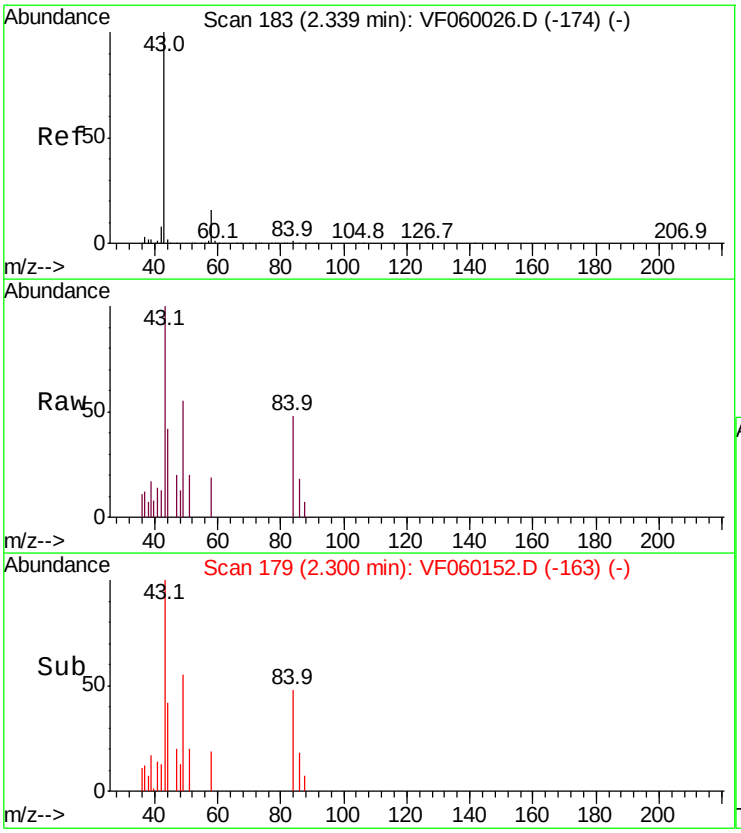
#13
Acrolein
Concen: 27.472 ug/l
RT: 2.08 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Instrument : MSVOA_F
ClientSampleId : EP1-Q4-A6RE

Tgt Ion: 56 Resp: 77

Ion	Ratio	Lower	Upper
56	100		
55	141.2	65.6	98.4#

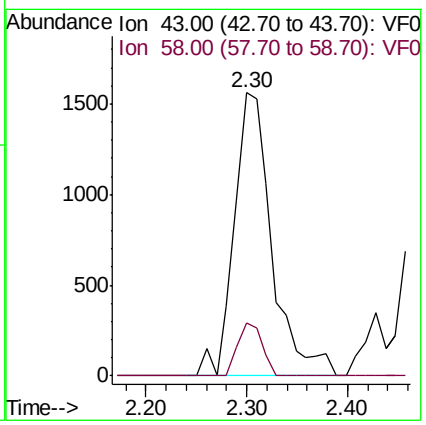


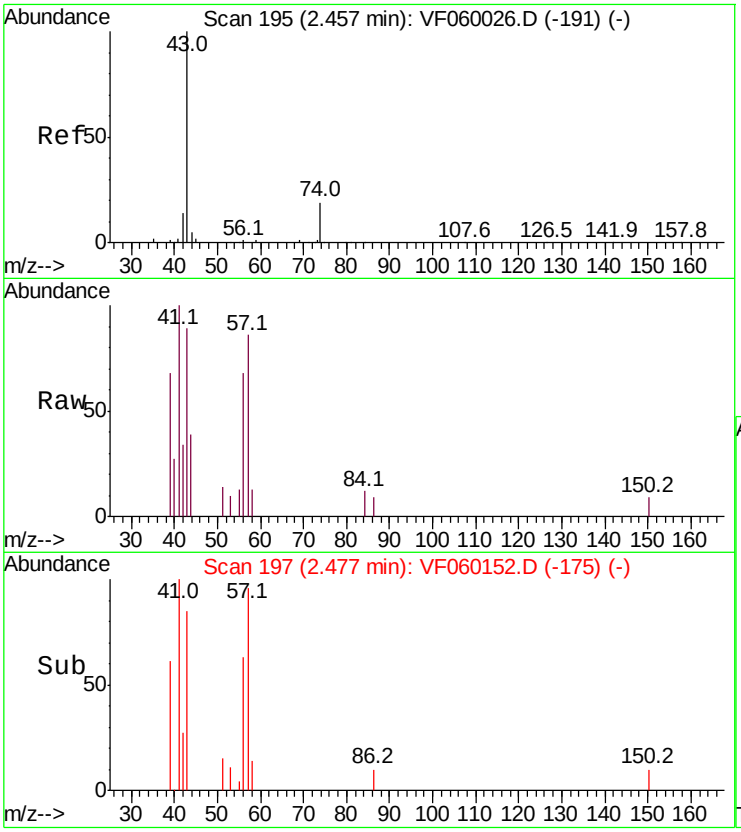


#16
Acetone
Concen: 8.372 ug/l
RT: 2.30 min Scan# 179
Delta R.T. -0.04 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Tgt Ion: 43 Resp: 4062

Ion	Ratio	Lower	Upper
43	100		
58	18.5	12.6	19.0



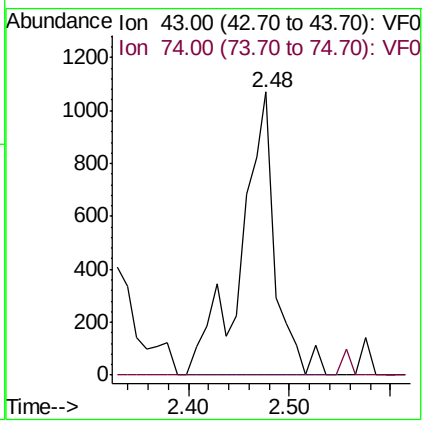


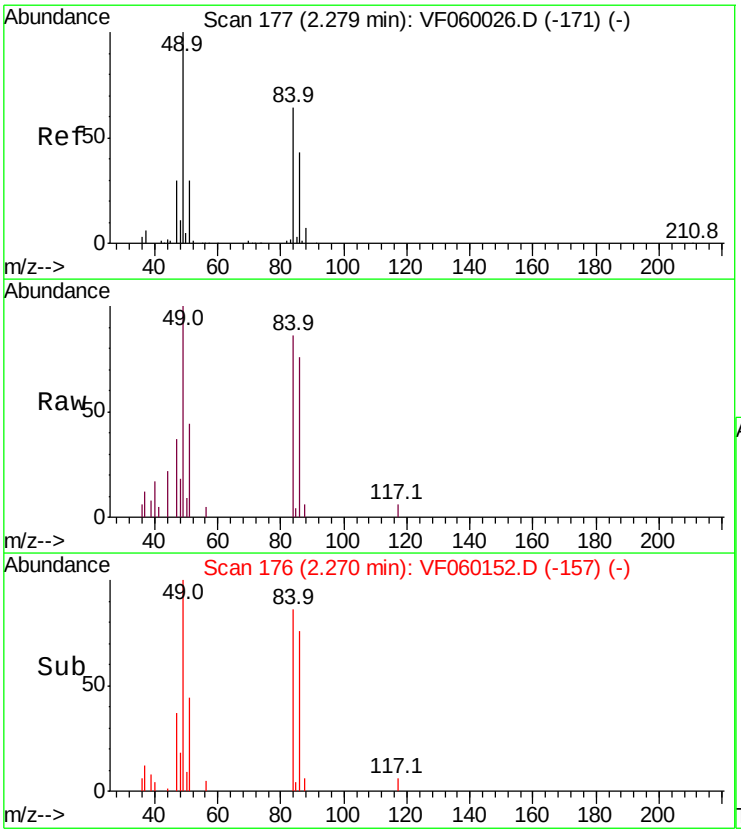
#18
Methyl Acetate
Concen: Below Cal
RT: 2.48 min Scan# 197
Delta R.T. 0.02 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Instrument : MSVOA_F
ClientSampleId : EP1-Q4-A6RE

Tgt Ion: 43 Resp: 2544

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.8	20.6#

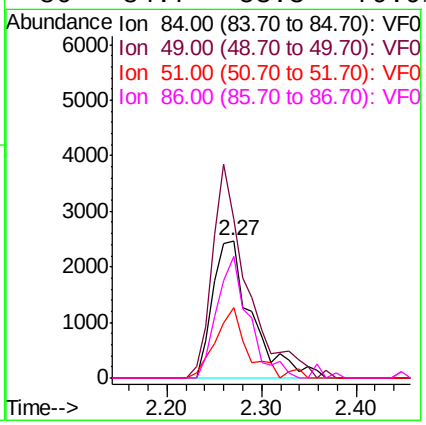


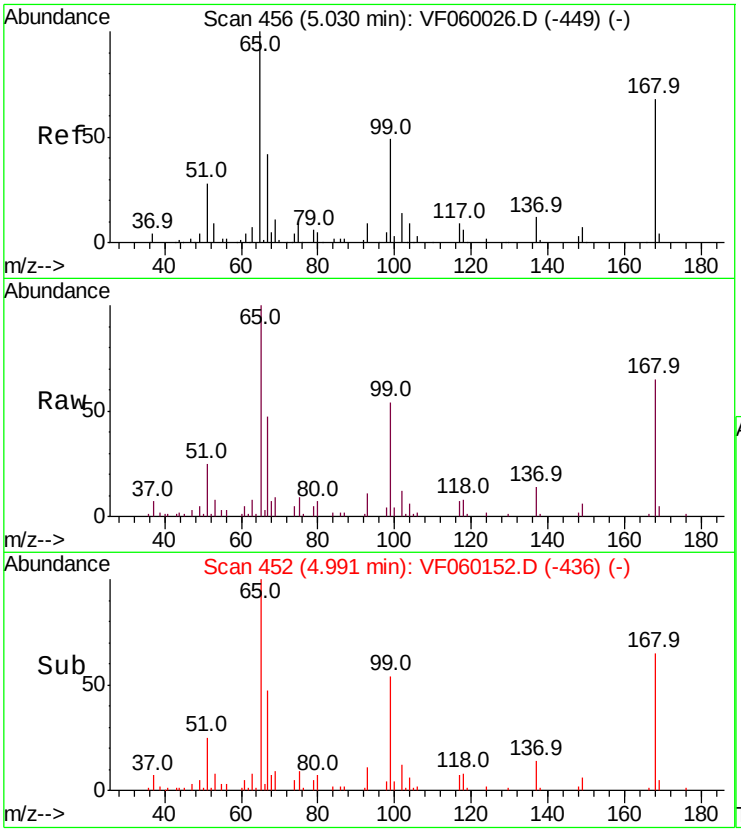


#20
Methylene Chloride
Concen: 2.590 ug/l
RT: 2.27 min Scan# 176
Delta R.T. -0.01 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Tgt Ion: 84 Resp: 7119

Ion	Ratio	Lower	Upper
84	100		
49	111.1	125.4	188.0#
51	49.2	38.3	57.5
86	84.7	53.3	79.9#



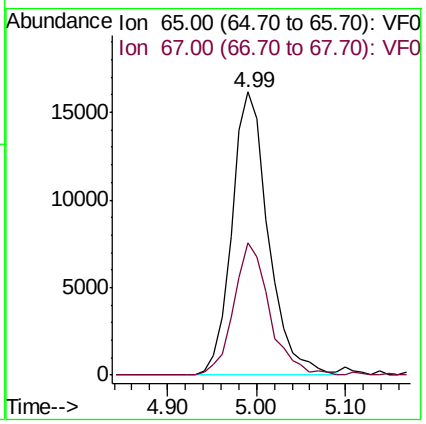


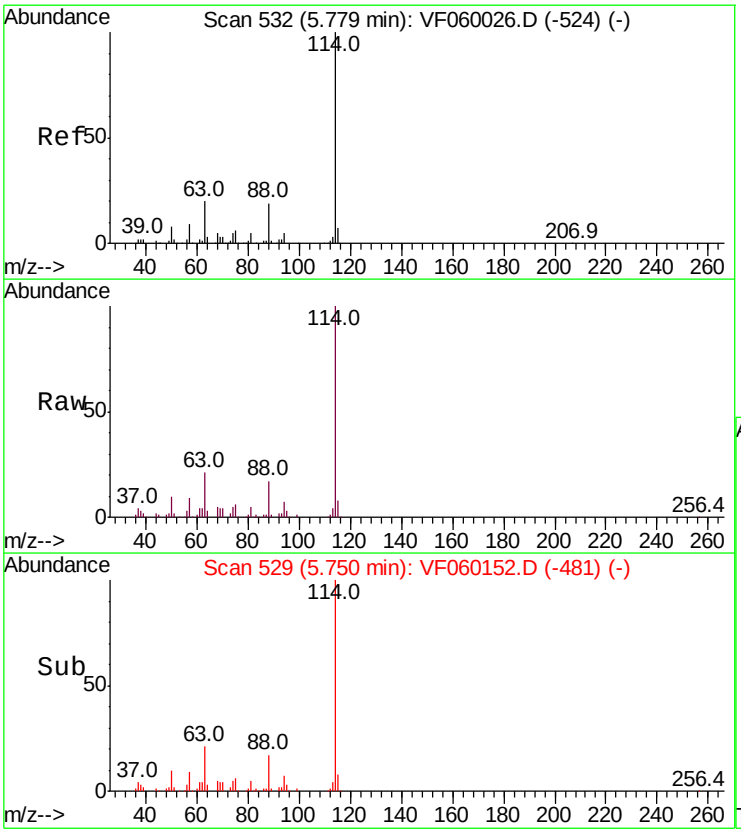
#33
1,2-Dichloroethane-d4
Concen: 24.988 ug/l
RT: 4.99 min Scan# 452
Delta R.T. -0.04 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A6RE

Tgt Ion: 65 Resp: 46130

Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	92.0

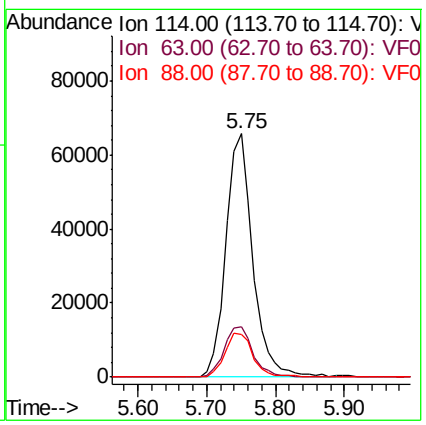


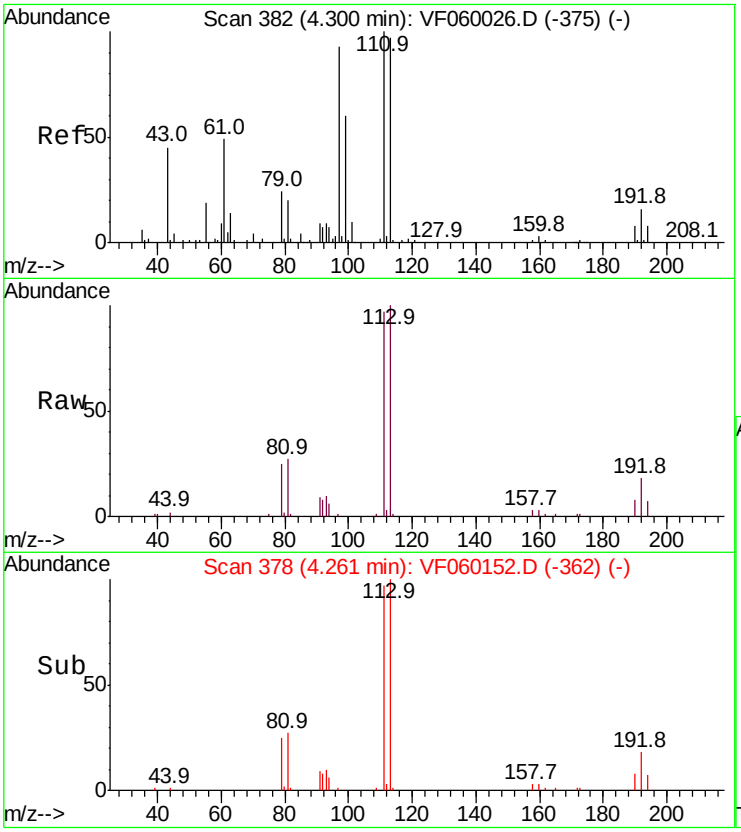


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 529
Delta R.T. -0.03 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Tgt Ion:114 Resp: 178206

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.4
88	17.5	0.0	38.6



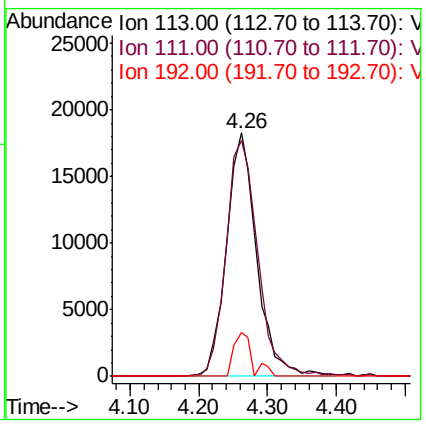


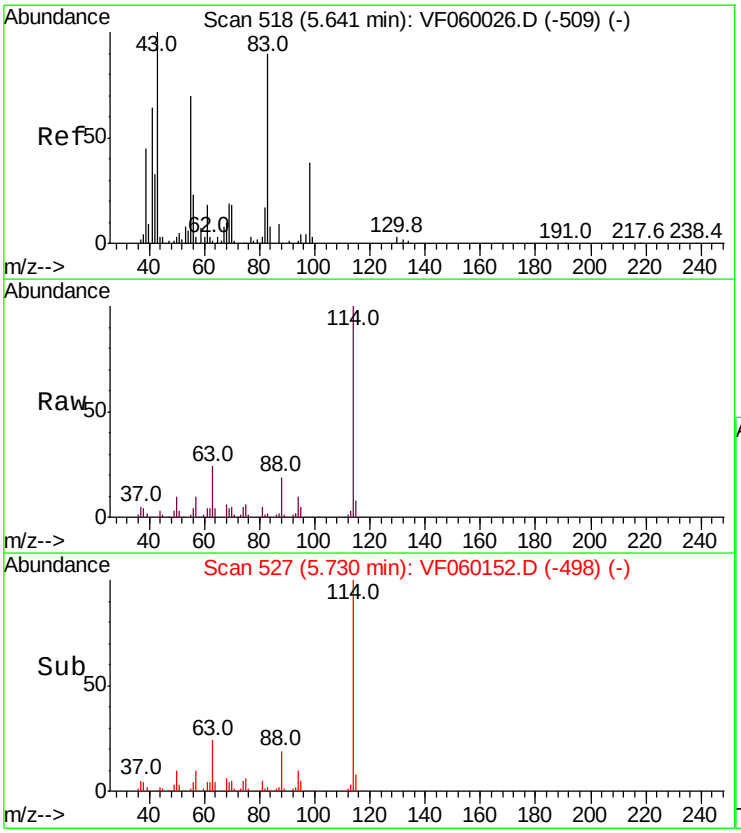
#35
Dibromofluoromethane
Concen: 39.767 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.04 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Instrument : MSVOA_F
ClientSampleId : EP1-Q4-A6RE

Tgt Ion:113 Resp: 55649

Ion	Ratio	Lower	Upper
113	100		
111	96.7	82.7	124.1
192	17.9	13.0	19.4

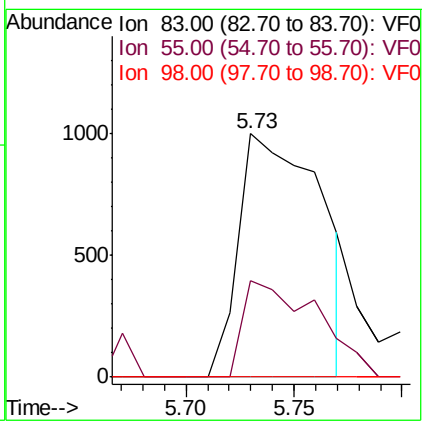


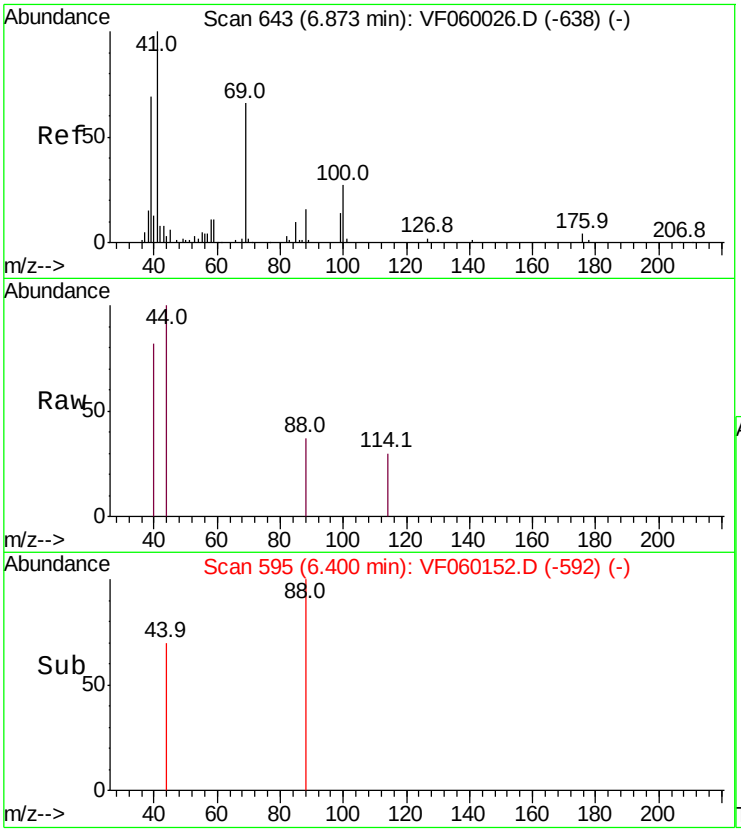


#39
Methylcyclohexane
Concen: 1.690 ug/l
RT: 5.73 min Scan# 527
Delta R.T. 0.09 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Tgt Ion: 83 Resp: 2653

Ion	Ratio	Lower	Upper
83	100		
55	39.6	62.7	94.1#
98	0.0	33.8	50.8#



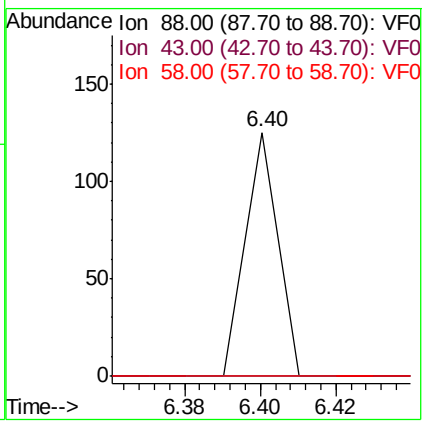


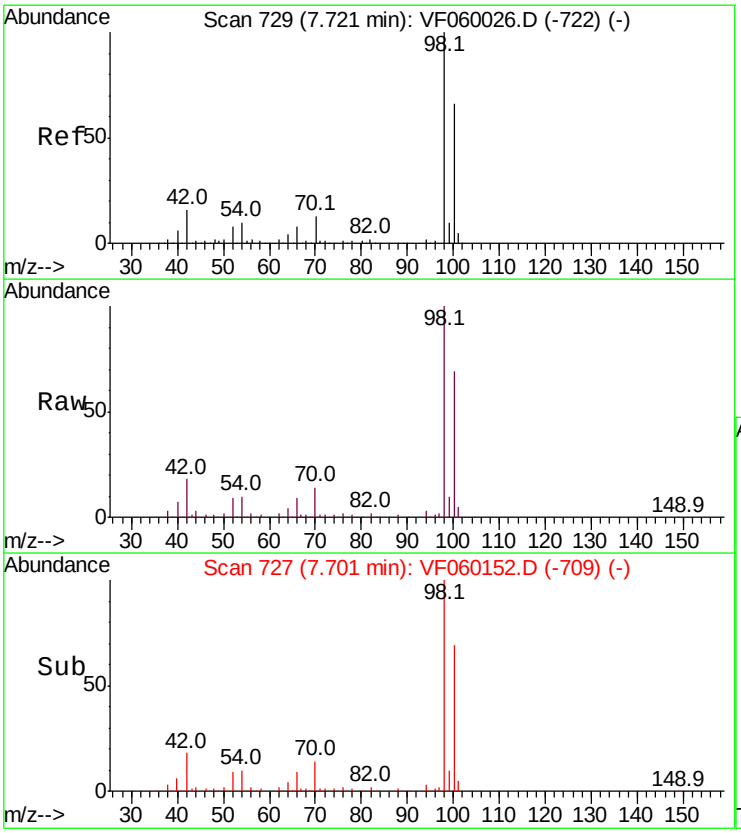
#49
1,4-Dioxane
Concen: 9.241 ug/l
RT: 6.40 min Scan# 595
Delta R.T. -0.47 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A6RE

Tgt Ion: 88 Resp: 74

Ion	Ratio	Lower	Upper
88	100		
43	0.0	46.5	69.7#
58	0.0	54.8	82.2#

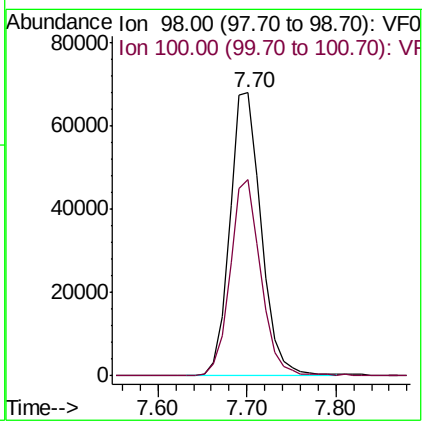


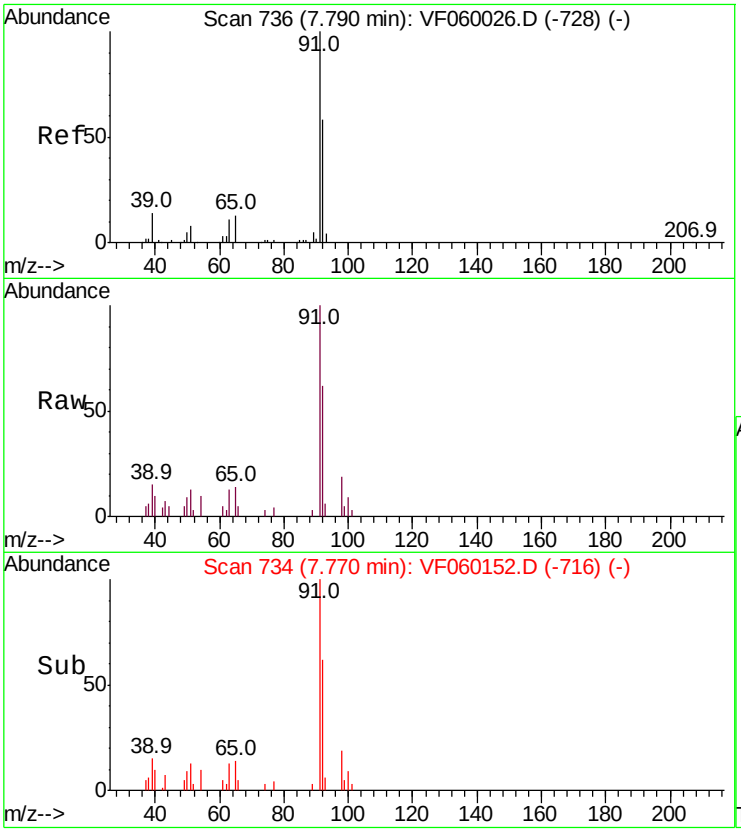


#50
Toluene-d8
Concen: 42.134 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Tgt Ion: 98 Resp: 167448

Ion	Ratio	Lower	Upper
98	100		
100	69.4	53.2	79.8



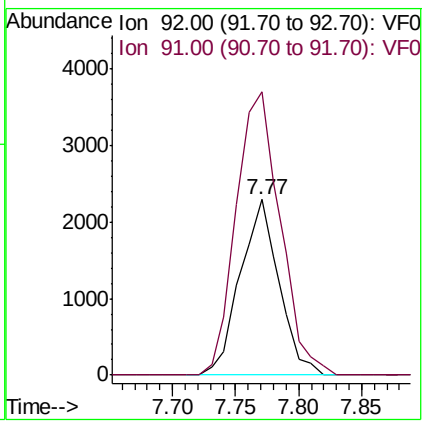


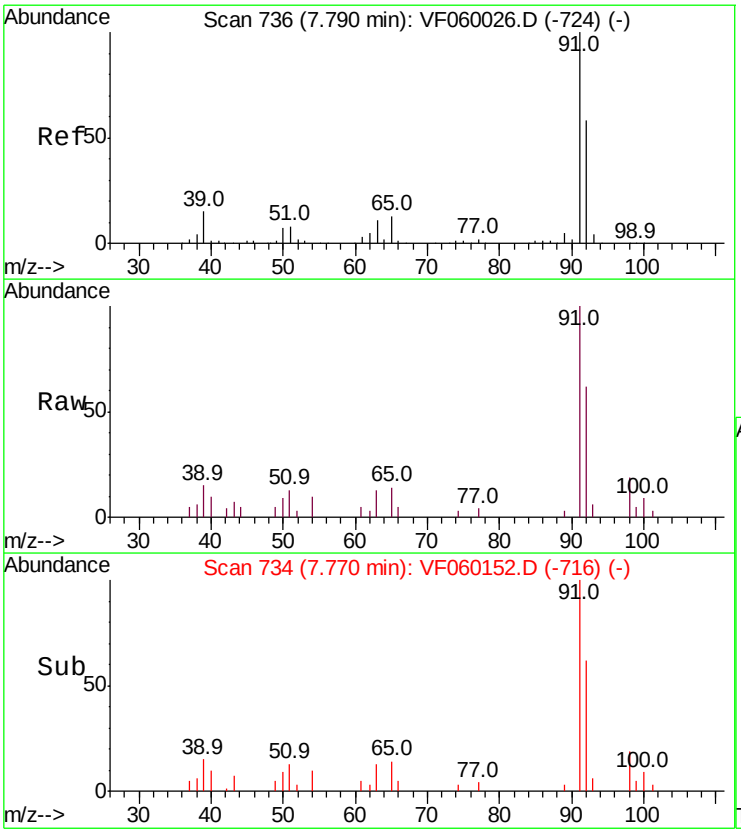
#52
Toluene
Concen: Below Cal
RT: 7.77 min Scan# 734
Delta R.T. -0.02 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A6RE

Tgt Ion: 92 Resp: 4919

Ion	Ratio	Lower	Upper
92	100		
91	161.1	137.7	206.5

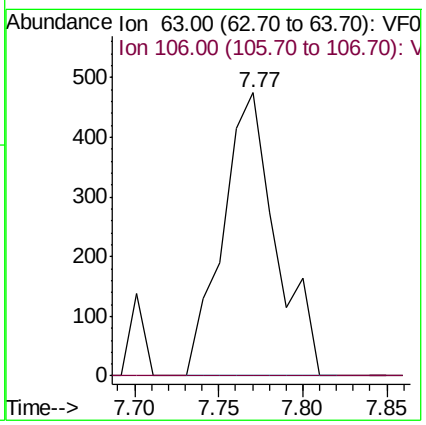


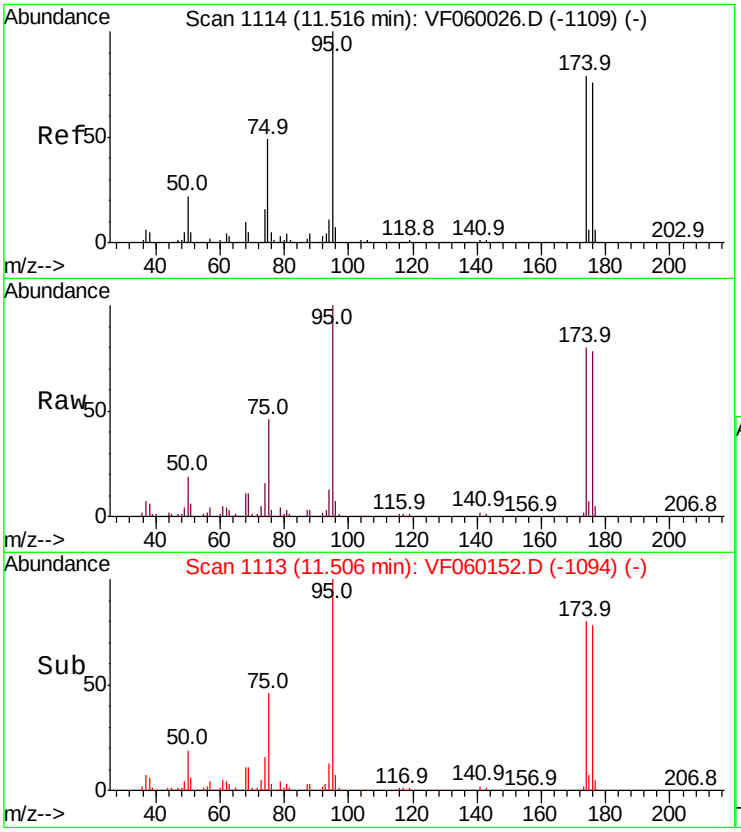


#58
2-Chloroethyl Vinyl ether
Concen: 10.987 ug/l
RT: 7.77 min Scan# 734
Delta R.T. -0.02 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Tgt Ion: 63 Resp: 1042

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



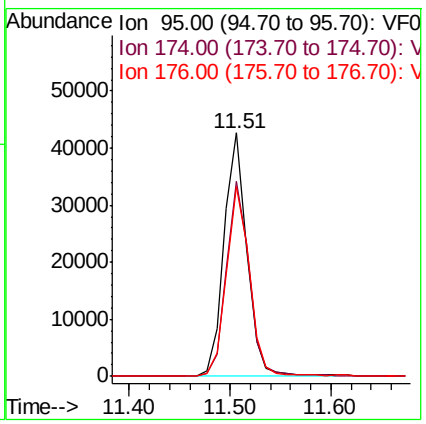


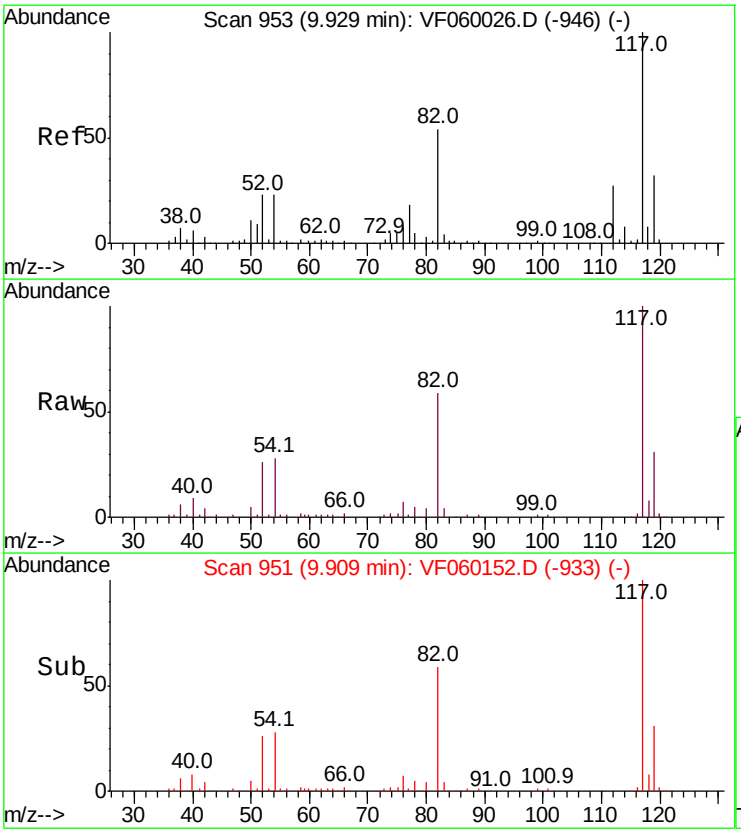
#62
4-Bromofluorobenzene
Concen: 32.016 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A6RE

Tgt Ion: 95 Resp: 67309

Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	158.4
176	77.9	0.0	153.0

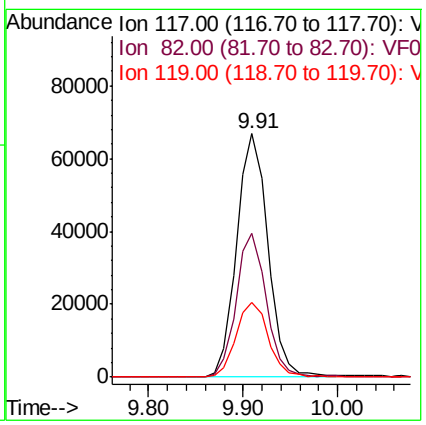


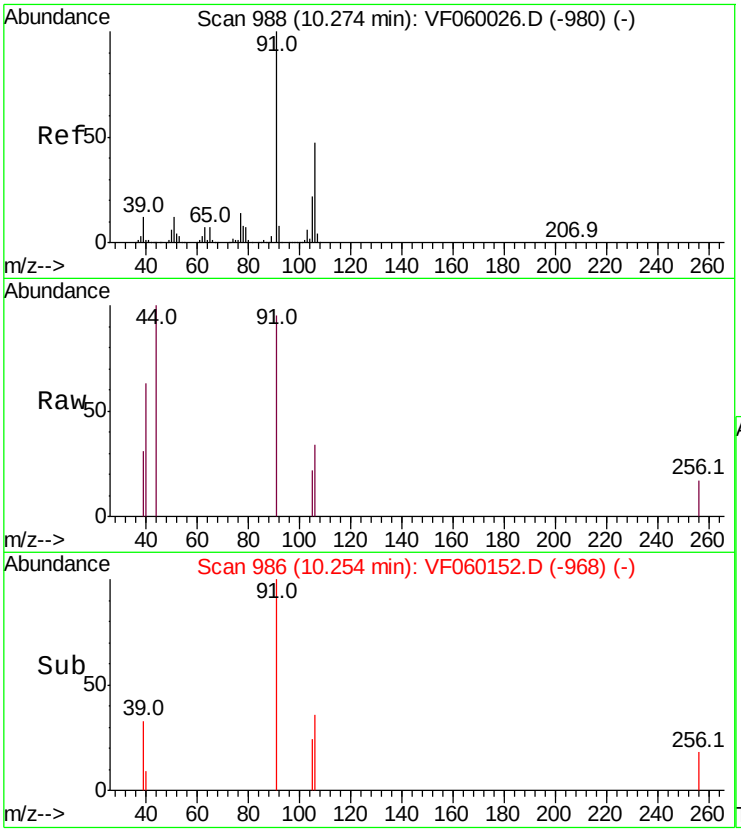


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Tgt Ion:117 Resp: 153550

Ion	Ratio	Lower	Upper
117	100		
82	59.2	43.6	65.4
119	30.8	25.6	38.4



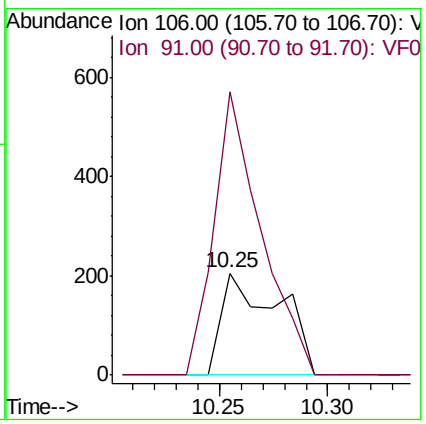


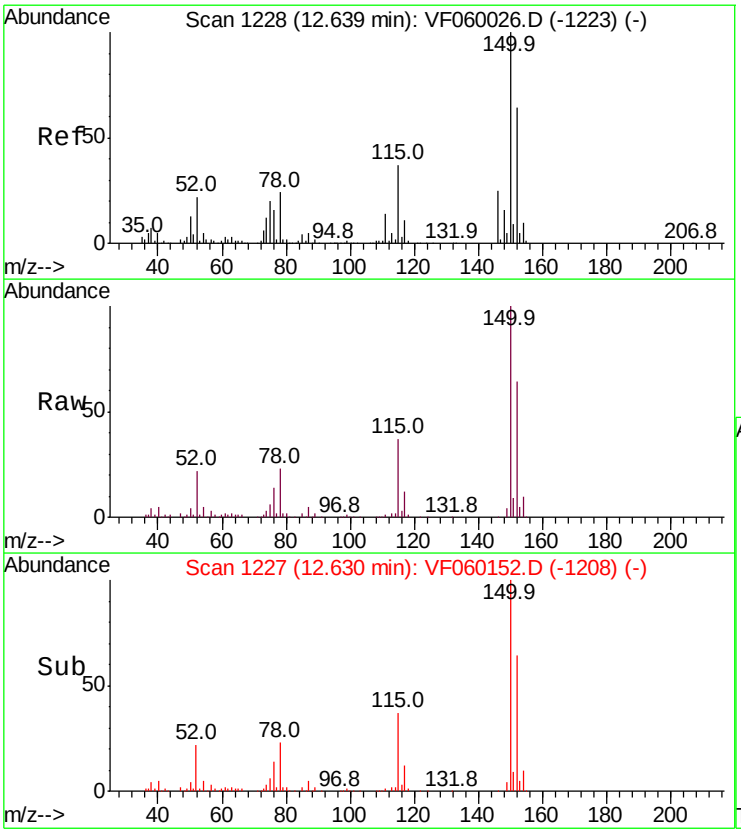
#68
m/p-Xylenes
Concen: Below Cal
RT: 10.25 min Scan# 986
Delta R.T. -0.02 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A6RE

Tgt Ion:106 Resp: 379

Ion	Ratio	Lower	Upper
106	100		
91	276.7	171.8	257.8#

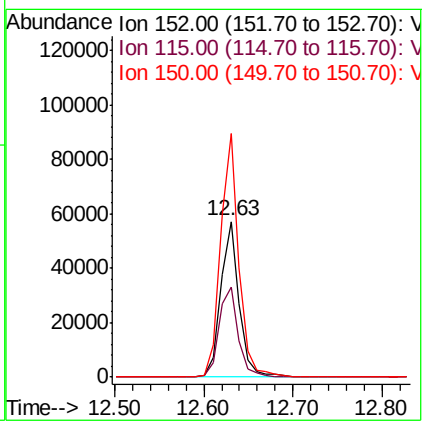


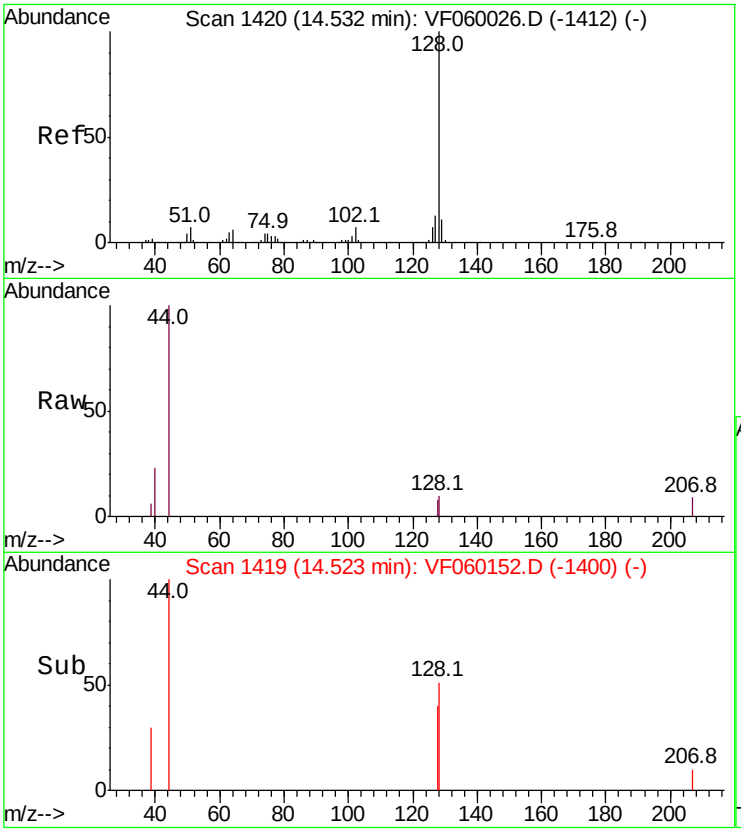


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Tgt Ion:152 Resp: 83635

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.6	85.9
150	156.4	0.0	312.0





#95
Naphthalene
Concen: 2.408 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.01 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A6RE

Tgt Ion:128 Resp: 399

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.5	12.7#