Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
Data File : VF060116.D
Acq On : 24 Aug 2018 22:45
Operator : VA/AP
Sample : J4636-03
Misc : 4.29g/5mL/MSVOA F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : BYR-2-E(9-10)

Quant Time: Aug 25 05:33:11 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	158115	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	233758	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	254083	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	142952	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	87205	40.30	ug/l	-0.03
Spiked Amount 50.000			Recovery = 80.60%			
35) Dibromofluoromethane	4.27	113	88759	48.35	ug/l	-0.03
Spiked Amount 50.000			Recovery = 96.70%			
50) Toluene-d8	7.70	98	231004	44.31	ug/l	-0.03
Spiked Amount 50.000			Recovery = 88.62%			
62) 4-Bromofluorobenzene	11.50	95	116214	42.14	ug/l	-0.02
Spiked Amount 50.000			Recovery = 84.28%			
Target Compounds						Qvalue
3) Chloromethane	1.09	50	758	Below Cal	#	40
11) Tert butyl alcohol	2.63	59	480	4.17	ug/l #	80
16) Acetone	2.32	43	3363	5.91	ug/l #	92
18) Methyl Acetate	2.47	43	1235	Below Cal	#	60
20) Methylene Chloride	2.27	84	9763	4.00	ug/l	97
39) Methylcyclohexane	5.74	83	3748	1.82	ug/l #	40
52) Toluene	7.79	92	73	Below Cal	#	1
68) m/p-Xylenes	10.26	106	68	Below Cal		74
95) Naphthalene	14.51	128	299	2.34	ug/l #	69

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

Quantitation Report (Not Reviewed)

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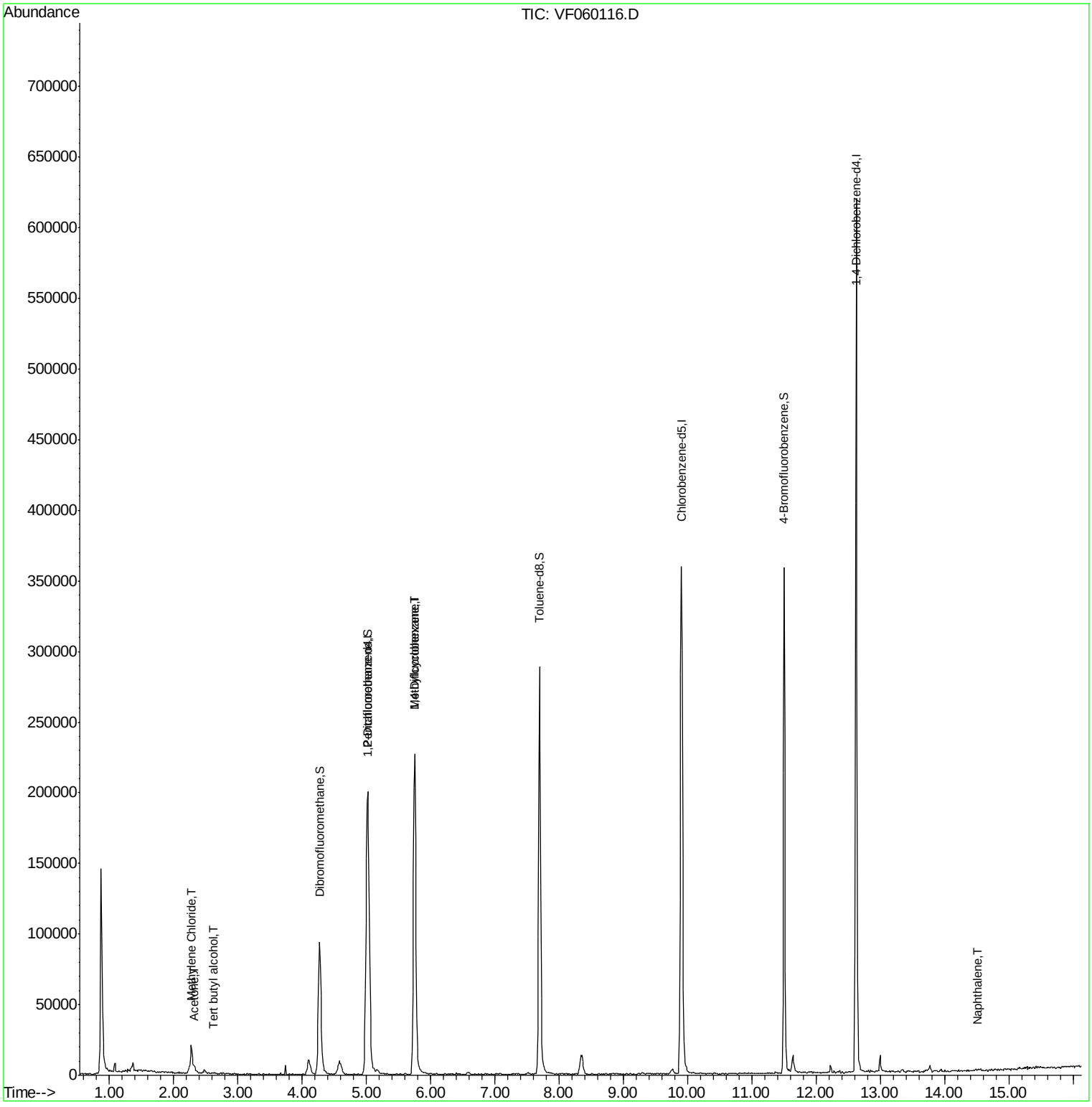
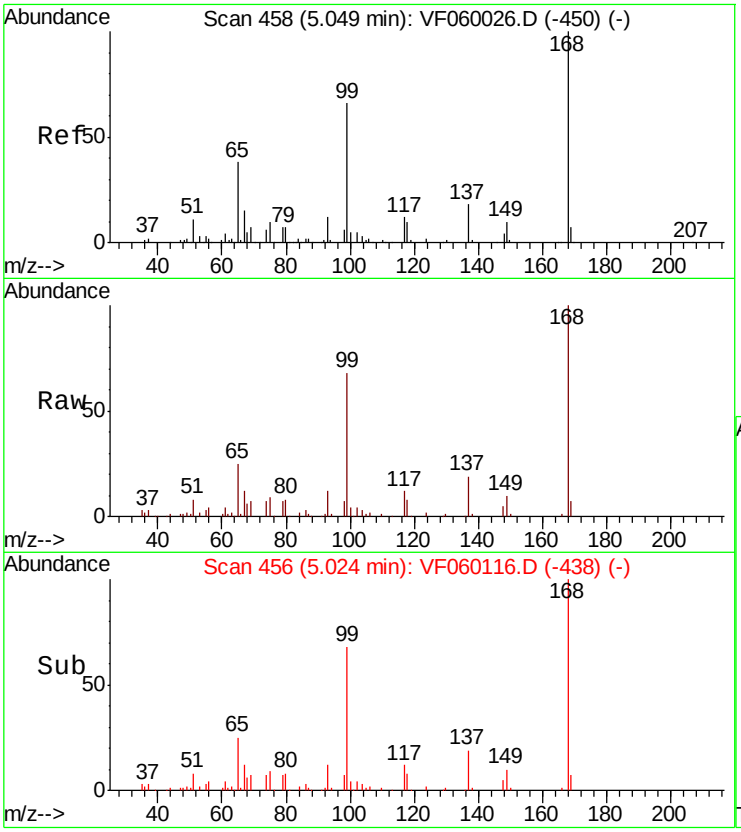
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration



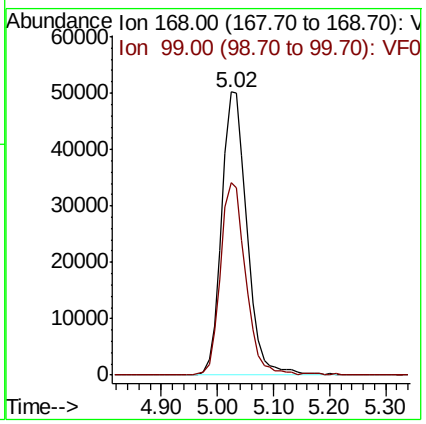


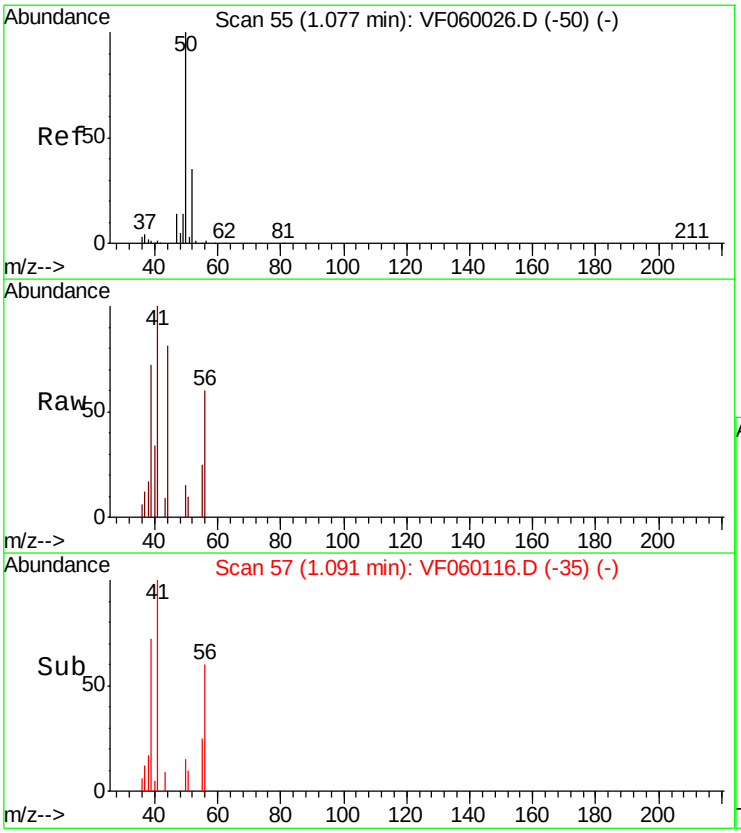
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.02 min Scan# 456
Delta R.T. -0.03 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(9-10)

Tgt Ion:168 Resp: 158115

Ion	Ratio	Lower	Upper
168	100		
99	67.9	52.6	79.0

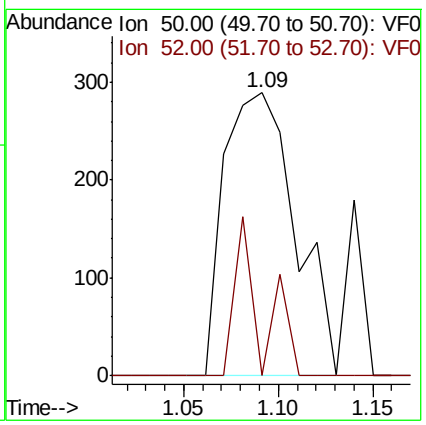


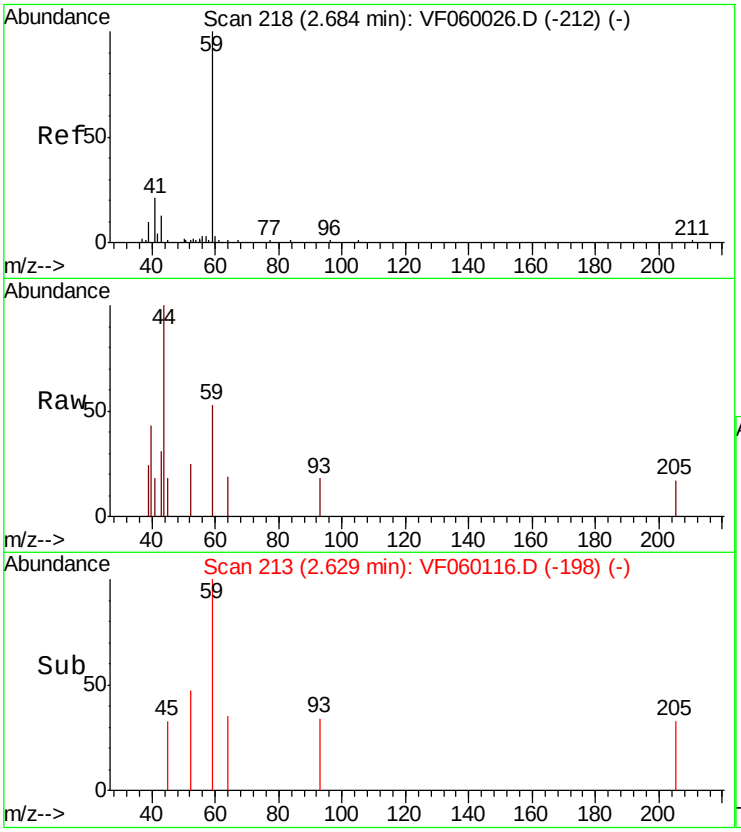


#3
Chloromethane
Concen: Below Cal
RT: 1.09 min Scan# 57
Delta R.T. 0.02 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Tgt Ion: 50 Resp: 758

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.6	41.4#



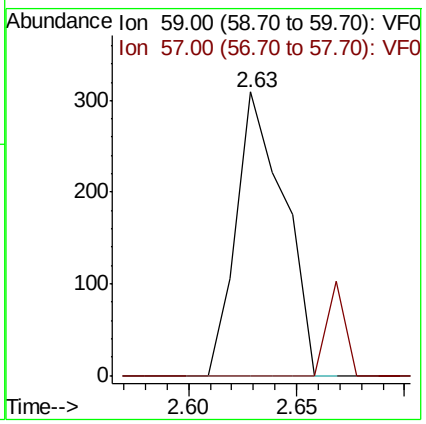


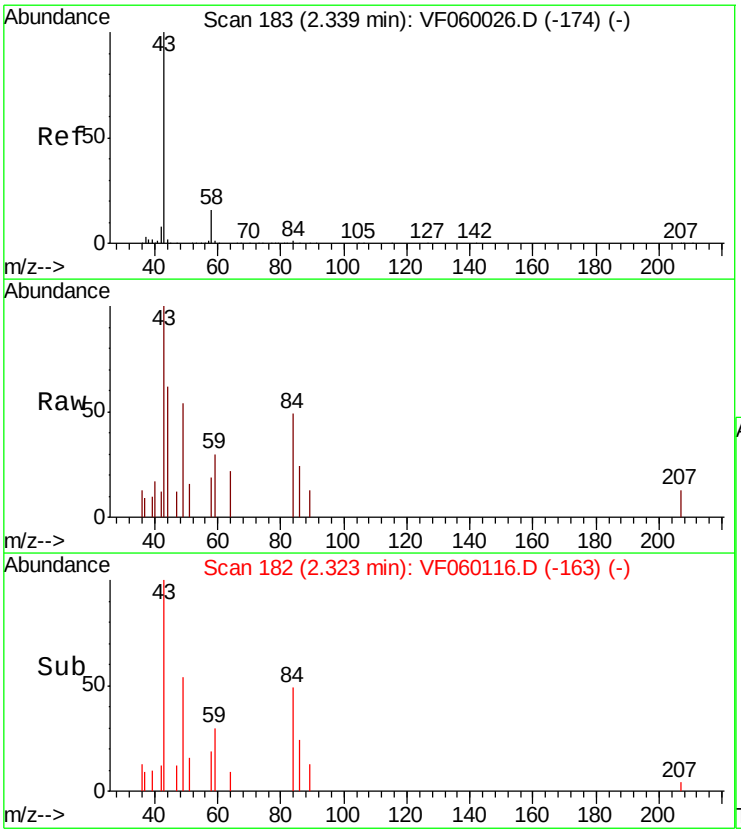
#11
Tert butyl alcohol
Concen: 4.17 ug/l
RT: 2.63 min Scan# 213
Delta R.T. -0.05 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Instrument : MSVOA_F
ClientSampleId : BYR-2-E(9-10)

Tgt Ion: 59 Resp: 480

Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.4	8.2#

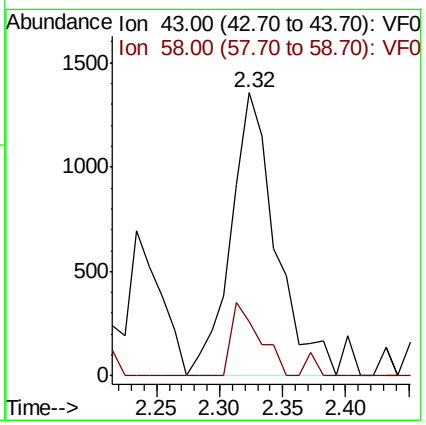


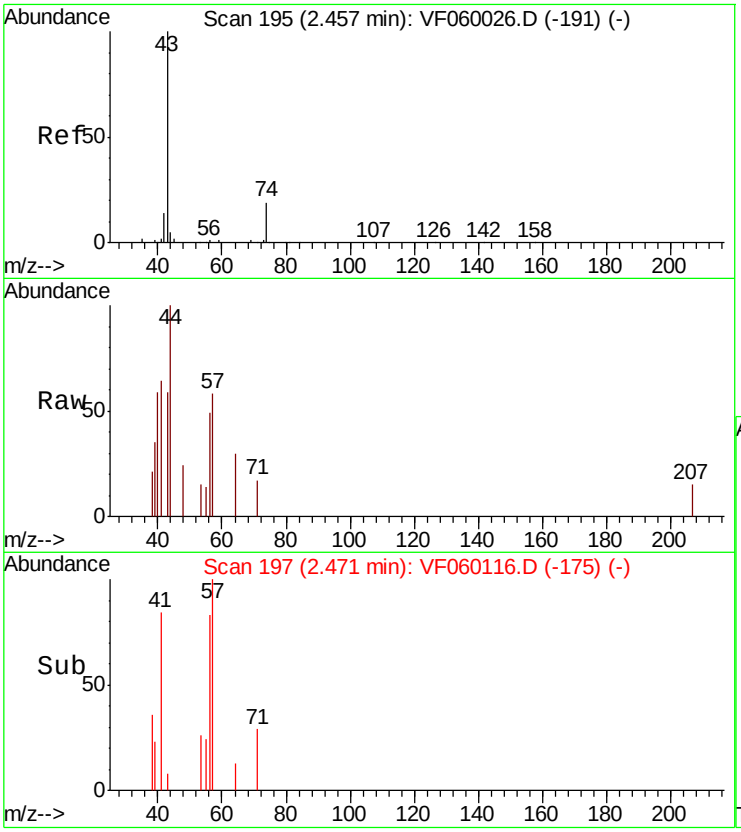


#16
Acetone
Concen: 5.91 ug/l
RT: 2.32 min Scan# 182
Delta R.T. -0.02 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Tgt Ion: 43 Resp: 3363

Ion	Ratio	Lower	Upper
43	100		
58	19.3	12.6	19.0#



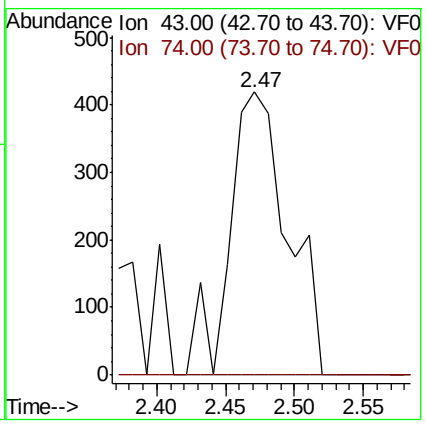


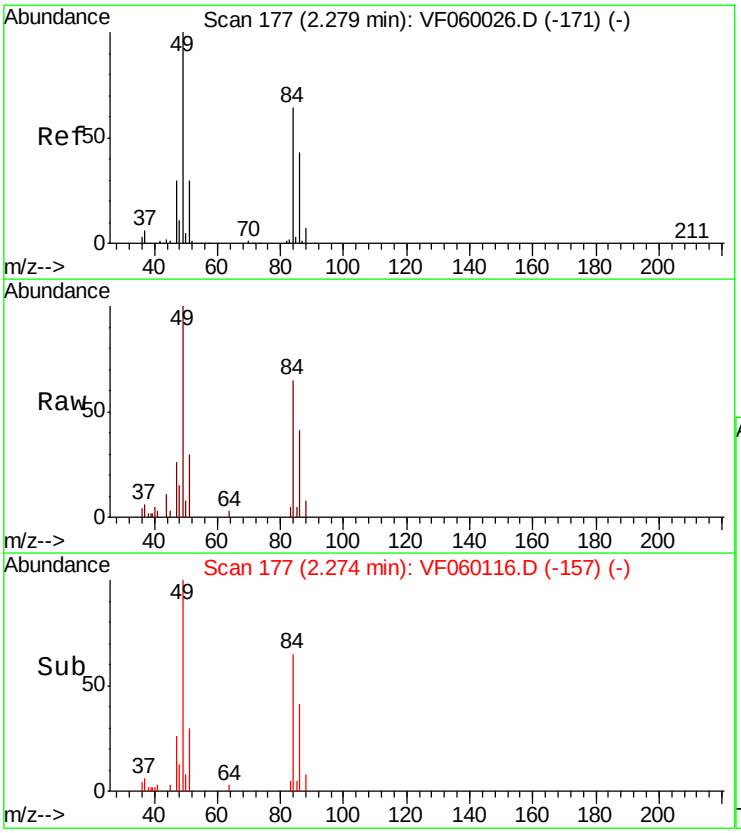
#18
Methyl Acetate
Concen: Below Cal
RT: 2.47 min Scan# 197
Delta R.T. 0.02 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Instrument : MSVOA_F
ClientSampleId : BYR-2-E(9-10)

Tgt Ion: 43 Resp: 1235

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.8	20.6#

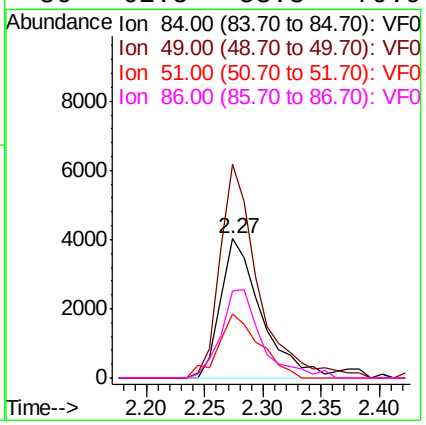


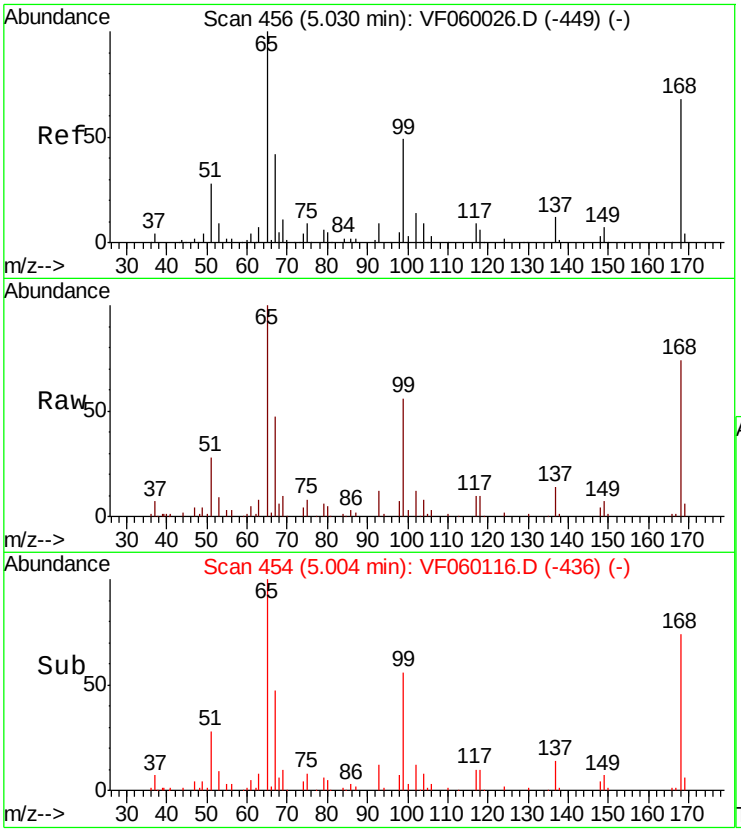


#20
Methylene Chloride
Concen: 4.00 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.01 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Tgt Ion: 84 Resp: 9763

Ion	Ratio	Lower	Upper
84	100		
49	153.7	125.4	188.0
51	46.3	38.3	57.5
86	62.5	53.3	79.9



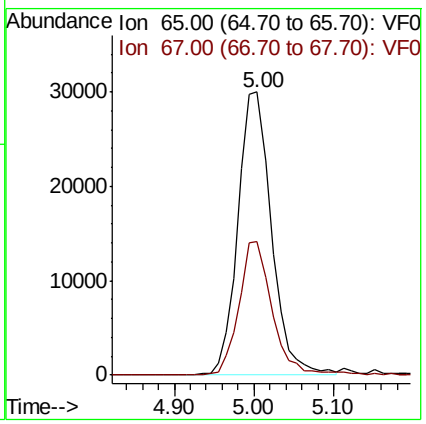


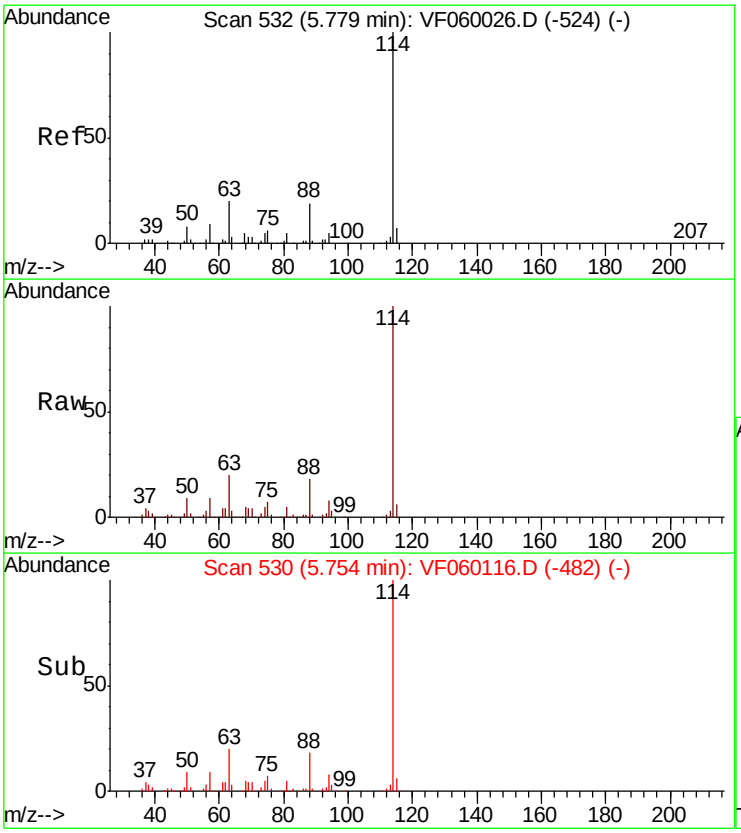
#33
1,2-Dichloroethane-d4
Concen: 40.30 ug/l
RT: 5.00 min Scan# 454
Delta R.T. -0.03 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(9-10)

Tgt Ion: 65 Resp: 87205

Ion	Ratio	Lower	Upper
65	100		
67	47.4	0.0	92.0

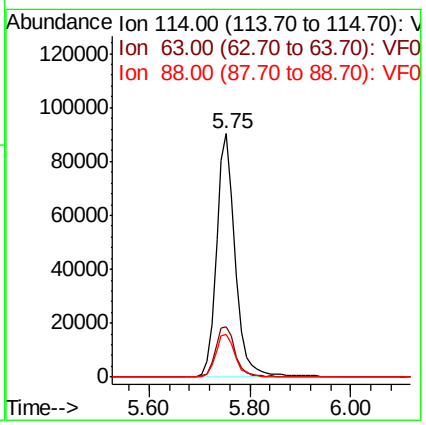


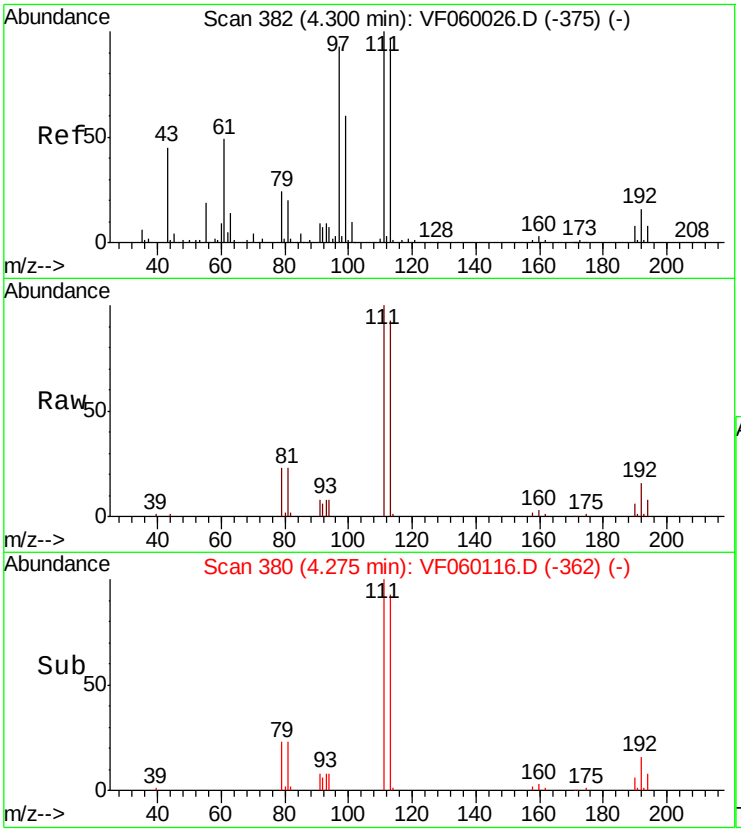


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.75 min Scan# 530
Delta R.T. -0.03 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Tgt Ion:114 Resp: 233758

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.4
88	17.5	0.0	38.6



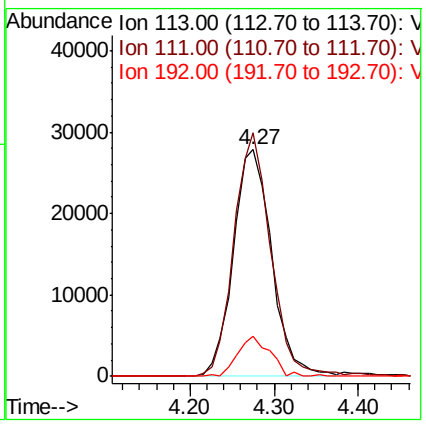


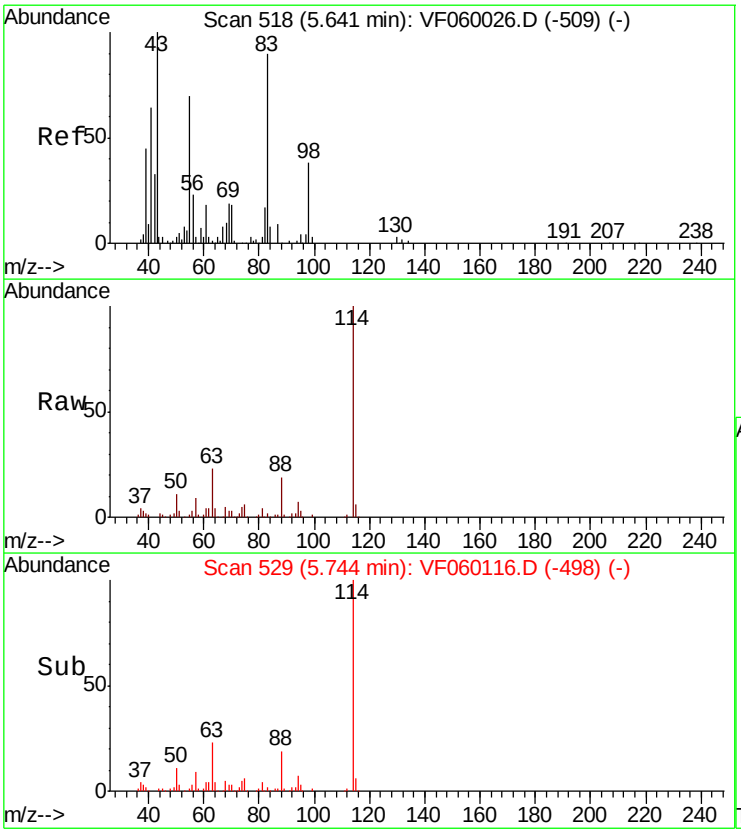
#35
Dibromofluoromethane
Concen: 48.35 ug/l
RT: 4.27 min Scan# 380
Delta R.T. -0.03 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(9-10)

Tgt Ion:113 Resp: 88759

Ion	Ratio	Lower	Upper
113	100		
111	107.3	82.7	124.1
192	17.6	13.0	19.4

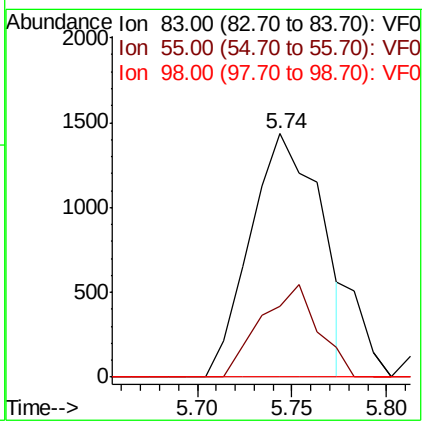


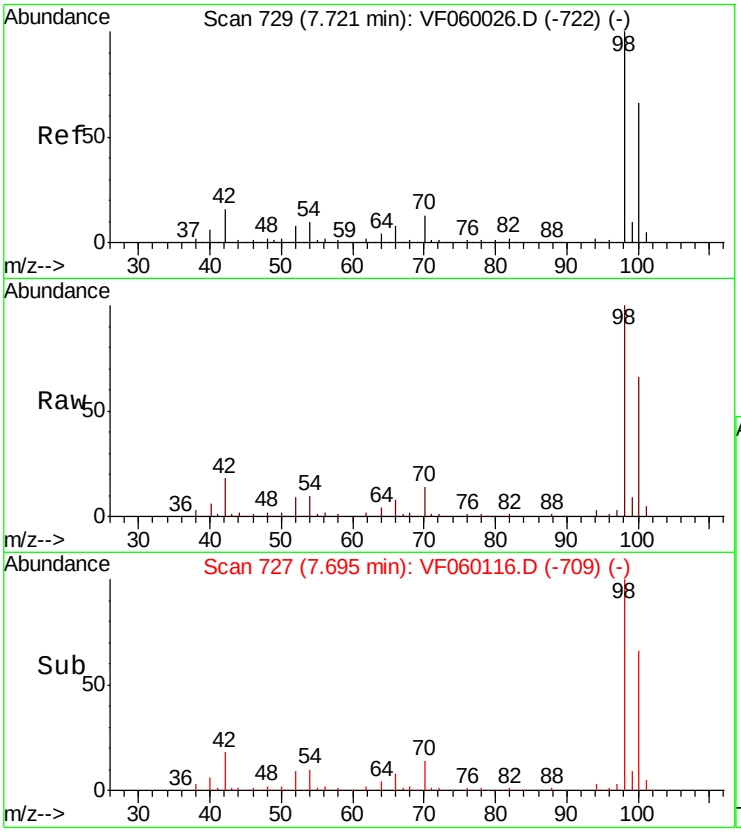


#39
Methylcyclohexane
Concen: 1.82 ug/l
RT: 5.74 min Scan# 529
Delta R.T. 0.10 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Tgt Ion: 83 Resp: 3748

Ion	Ratio	Lower	Upper
83	100		
55	28.9	62.7	94.1#
98	0.0	33.8	50.8#



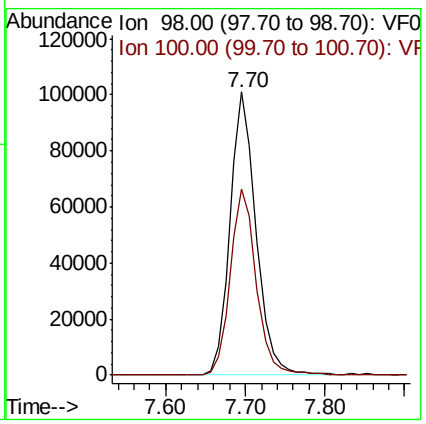


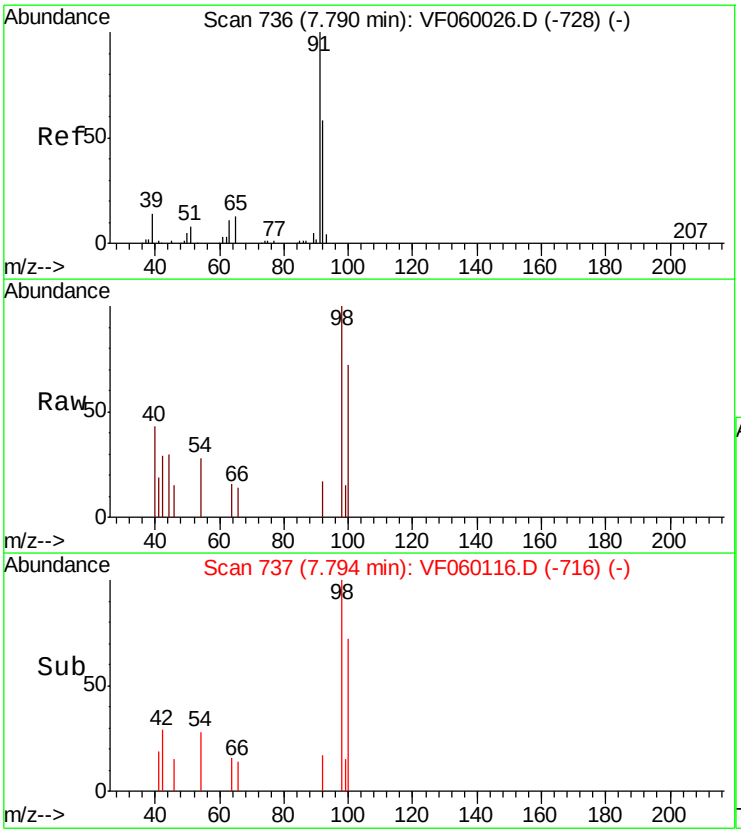
#50
Toluene-d8
Concen: 44.31 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(9-10)

Tgt Ion: 98 Resp: 231004

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.2	79.8

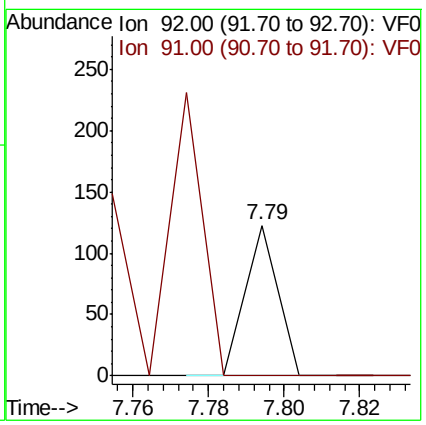


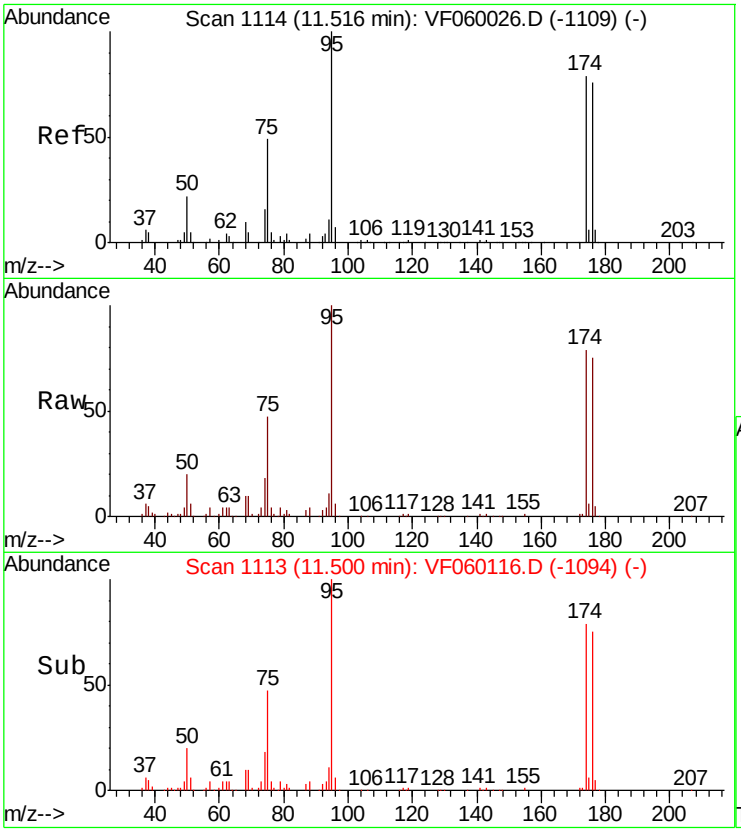


#52
Toluene
Concen: Below Cal
RT: 7.79 min Scan# 737
Delta R.T. 0.00 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Tgt Ion: 92 Resp: 73

Ion	Ratio	Lower	Upper
92	100		
91	0.0	137.7	206.5#



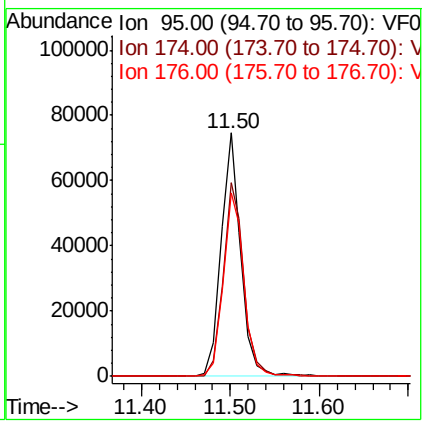


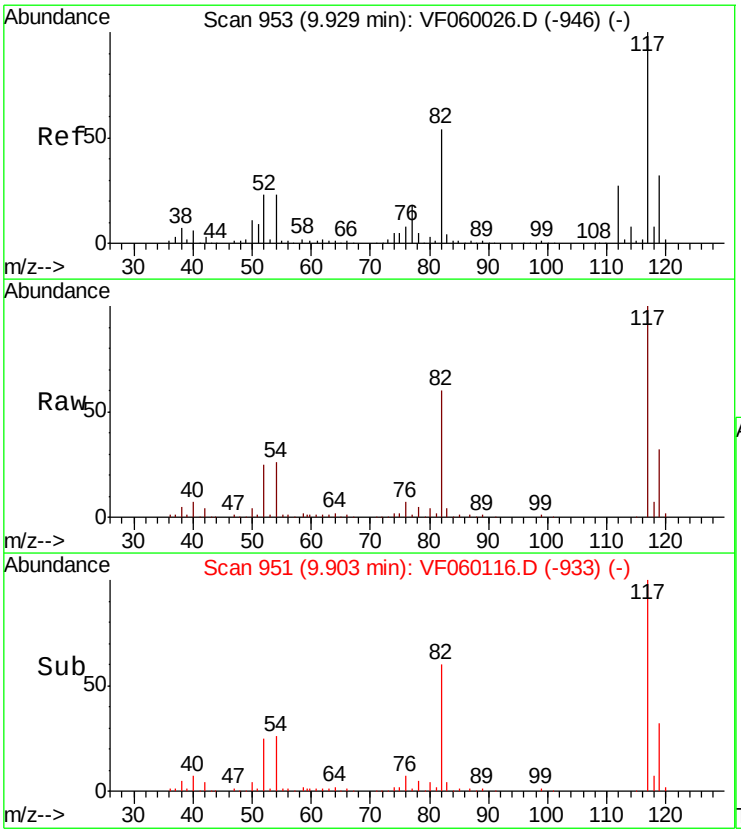
#62
4-Bromofluorobenzene
Concen: 42.14 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Instrument : MSVOA_F
ClientSampleId : BYR-2-E(9-10)

Tgt Ion: 95 Resp: 116214

Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	158.4
176	75.3	0.0	153.0

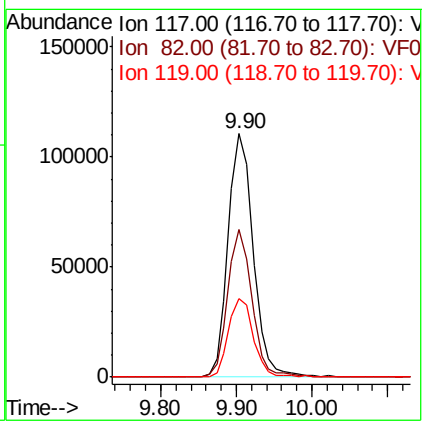


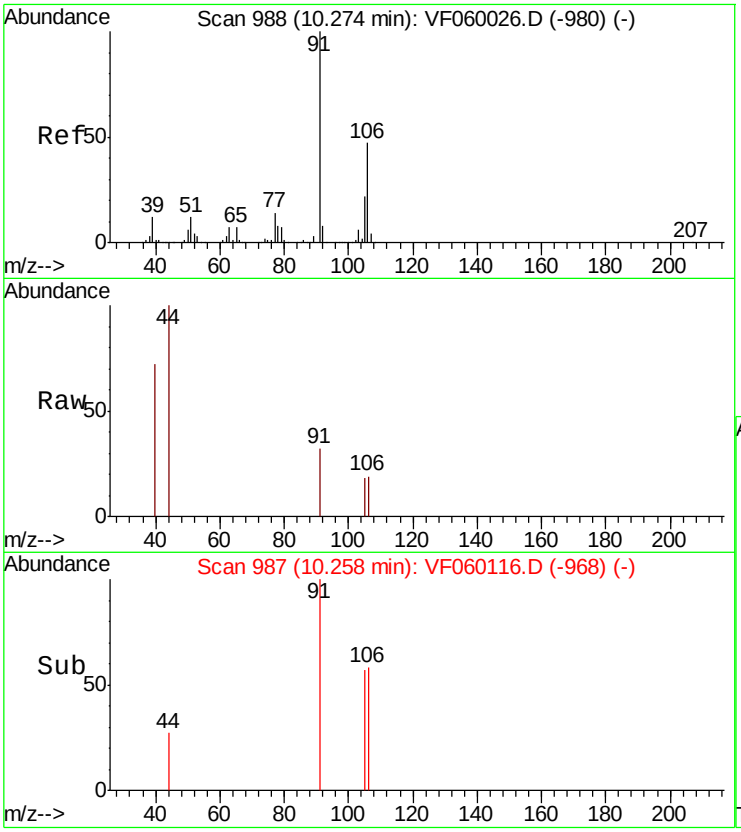


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Tgt Ion:117 Resp: 254083

Ion	Ratio	Lower	Upper
117	100		
82	60.4	43.6	65.4
119	32.1	25.6	38.4



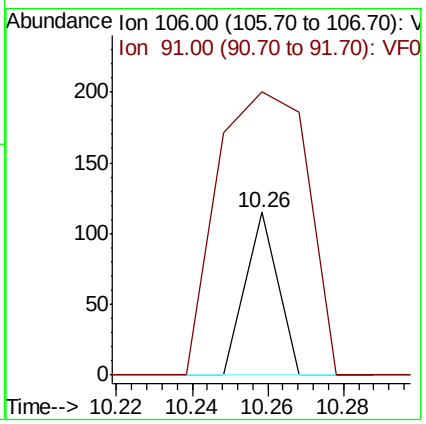


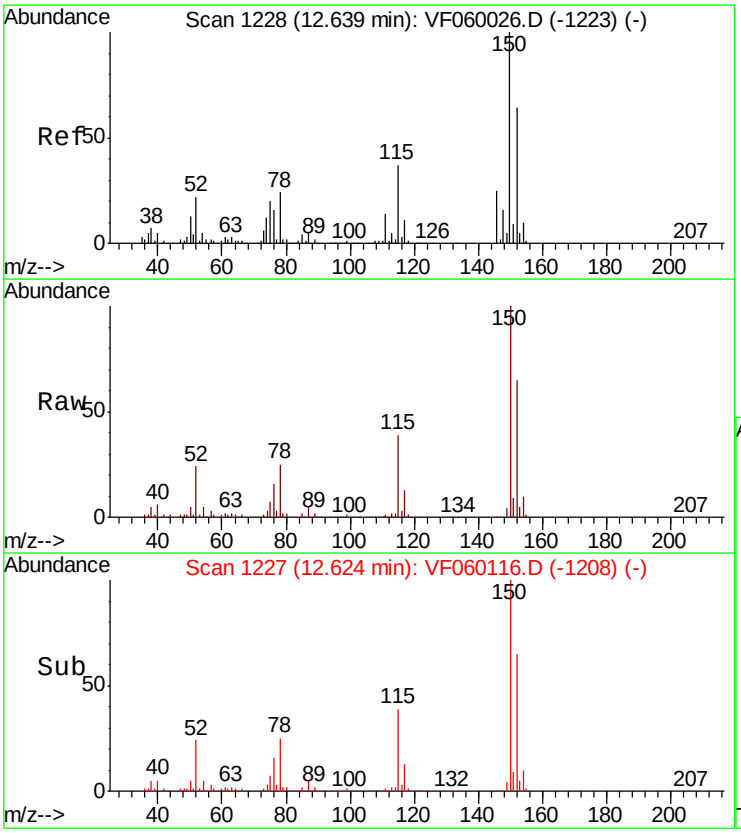
#68
m/p-Xylenes
Concen: Below Cal
RT: 10.26 min Scan# 987
Delta R.T. -0.01 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Instrument : MSVOA_F
ClientSampleId : BYR-2-E(9-10)

Tgt Ion:106 Resp: 68

Ion	Ratio	Lower	Upper
106	100		
91	173.9	171.8	257.8

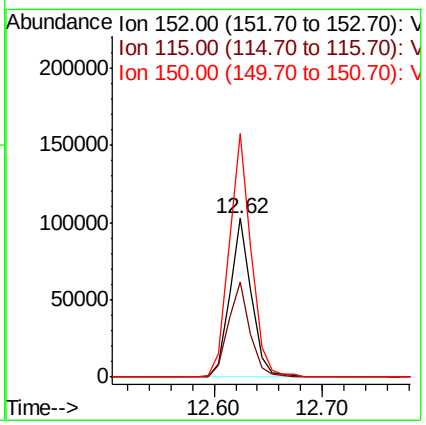


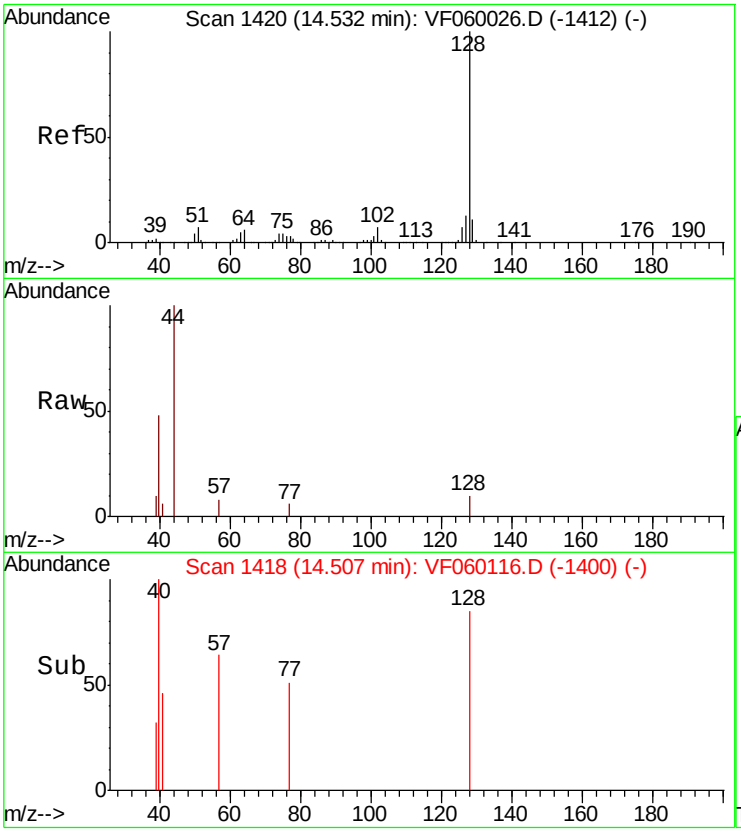


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Tgt Ion:152 Resp: 142952

Ion	Ratio	Lower	Upper
152	100		
115	59.9	28.6	85.9
150	153.6	0.0	312.0





#95
Naphthalene
Concen: 2.34 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.02 min
Lab File: VF060116.D
Acq: 24 Aug 2018 22:45

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(9-10)

Tgt Ion:128 Resp: 299

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