Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
Data File : VF060115.D
Acq On : 24 Aug 2018 22:17
Operator : VA/AP
Sample : J4636-02
Misc : 5.72g/5mL/MSVOA F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : BYR-2-E(6-7)

Quant Time: Aug 25 03:49:08 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	5.03	168	152710	50.00	ug/l		-0.02
34) 1,4-Difluorobenzene	5.75	114	224109	50.00	ug/l		-0.03
63) Chlorobenzene-d5	9.91	117	242792	50.00	ug/l		-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	130028	50.00	ug/l		-0.02
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.00	65	79726	38.15	ug/l		-0.03
Spiked Amount 50.000			Recovery = 76.30%				
35) Dibromofluoromethane	4.27	113	81395	46.25	ug/l		-0.03
Spiked Amount 50.000			Recovery = 92.50%				
50) Toluene-d8	7.69	98	210418	42.10	ug/l		-0.03
Spiked Amount 50.000			Recovery = 84.20%				
62) 4-Bromofluorobenzene	11.50	95	104207	39.41	ug/l		-0.02
Spiked Amount 50.000			Recovery = 78.82%				
Target Compounds							Qvalue
3) Chloromethane	1.09	50	775	Below Cal			90
11) Tert butyl alcohol	2.64	59	377	3.39	ug/l	#	80
13) Acrolein	2.07	56	148	28.27	ug/l		97
16) Acetone	2.32	43	13131	23.91	ug/l	#	88
18) Methyl Acetate	2.45	43	417	Below Cal		#	60
20) Methylene Chloride	2.28	84	10483	5.09	ug/l		97
25) 2-Butanone	4.48	43	1832	2.57	ug/l	#	58
29) Tetrahydrofuran	4.22	42	418	1.55	ug/l	#	64
39) Methylcyclohexane	5.74	83	3421	1.73	ug/l	#	41
52) Toluene	7.76	92	630	Below Cal			94
58) 2-Chloroethyl Vinyl ether	7.75	63	123	1.03	ug/l		100
68) m/p-Xylenes	10.27	106	166	Below Cal		#	10
95) Naphthalene	14.52	128	426	2.37	ug/l	#	69

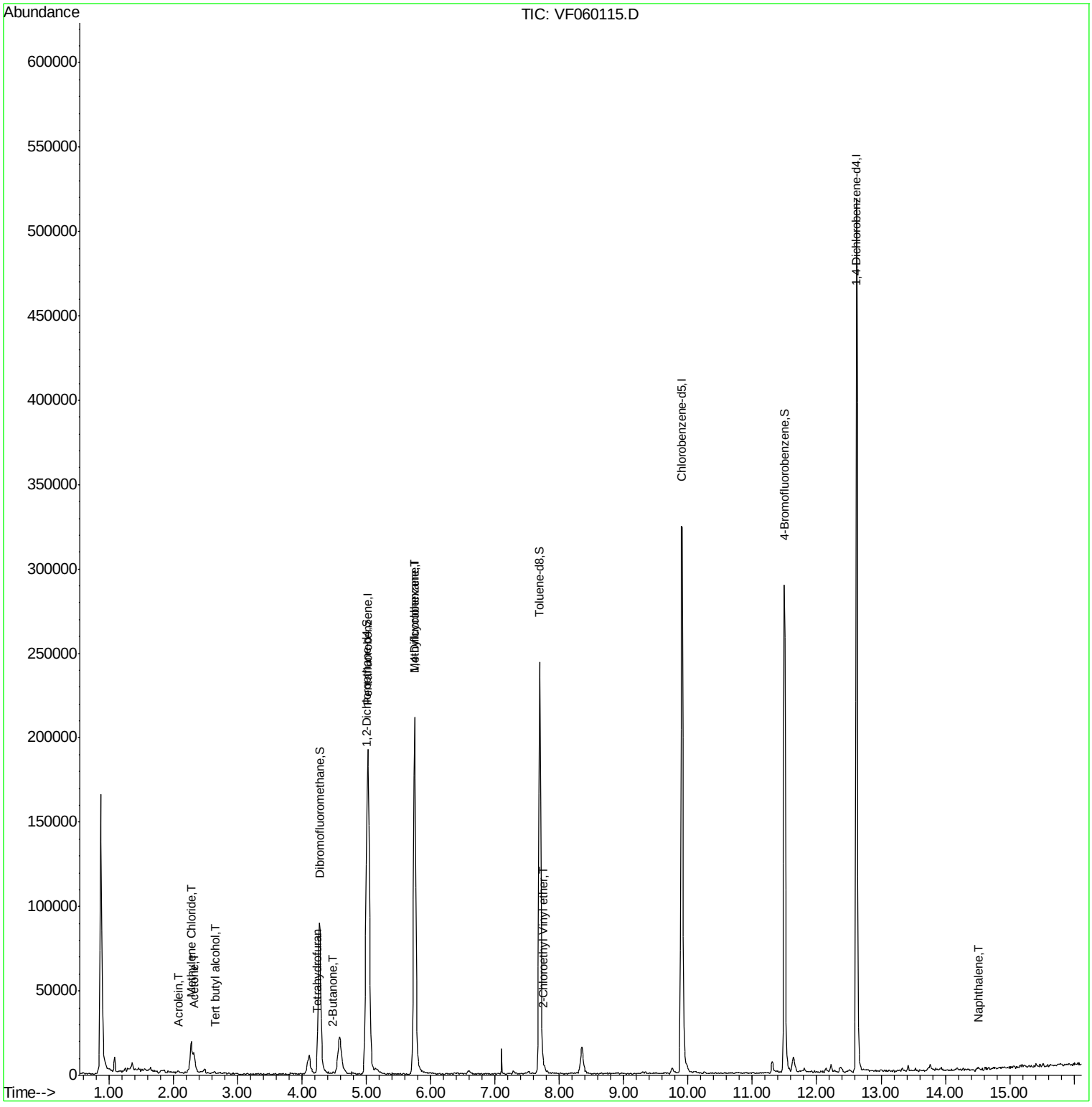
(#) = qualifier out of range (m) = manual integration (+) = signals summed

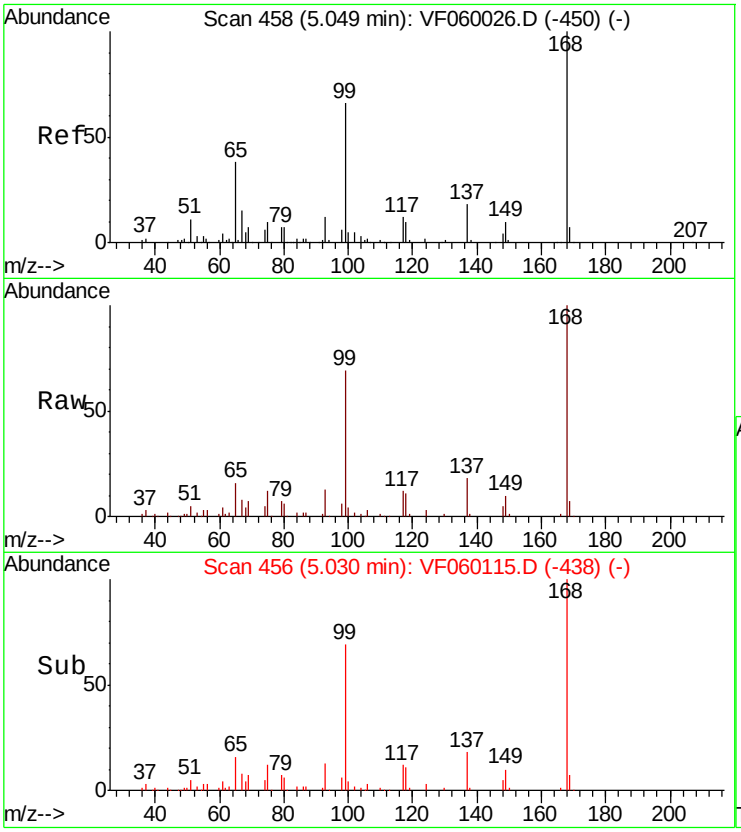
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
Data File : VF060115.D
Acq On : 24 Aug 2018 22:17
Operator : VA/AP
Sample : J4636-02
Misc : 5.72g/5mL/MSVOA F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : BYR-2-E(6-7)

Quant Time: Aug 25 03:49:08 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



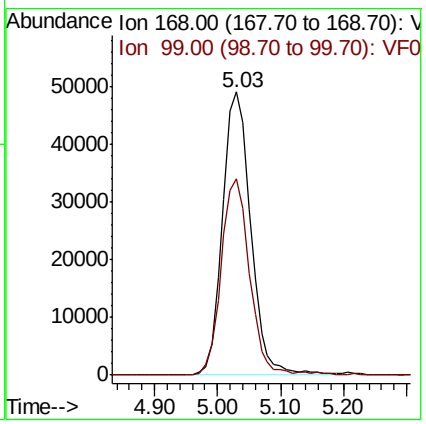


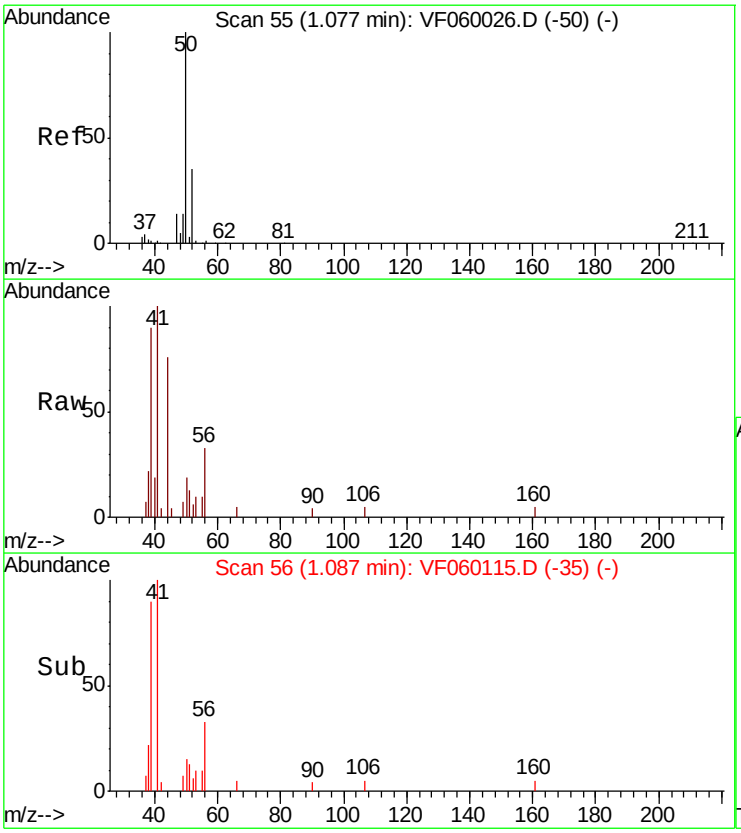
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.02 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(6-7)

Tgt Ion:168 Resp: 152710

Ion	Ratio	Lower	Upper
168	100		
99	69.2	52.6	79.0

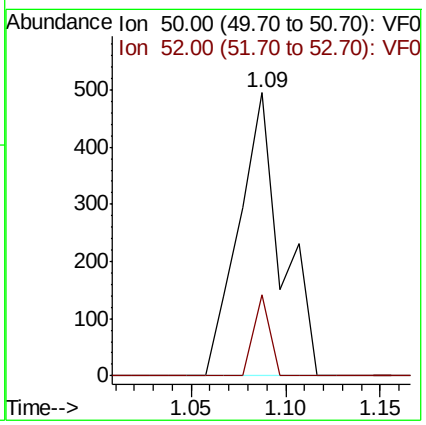


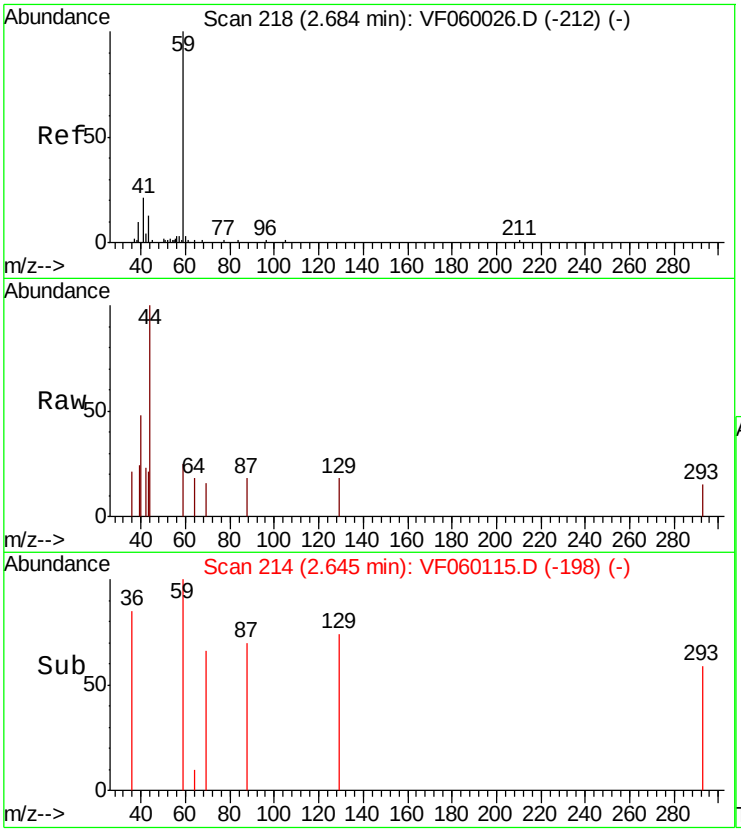


#3
Chloromethane
Concen: Below Cal
RT: 1.09 min Scan# 56
Delta R.T. 0.01 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Tgt Ion: 50 Resp: 775

Ion	Ratio	Lower	Upper
50	100		
52	28.7	27.6	41.4



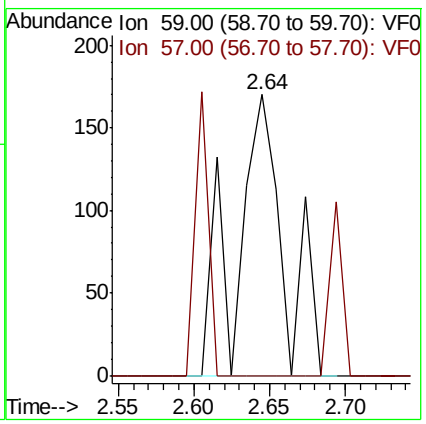


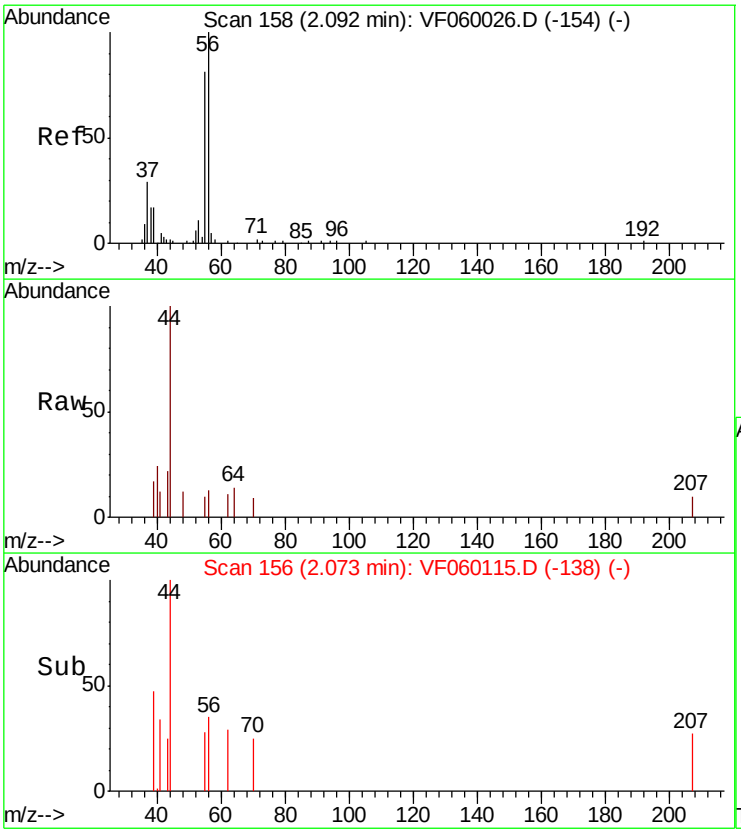
#11
Tert butyl alcohol
Concen: 3.39 ug/l
RT: 2.64 min Scan# 214
Delta R.T. -0.04 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Instrument : MSVOA_F
ClientSampleId : BYR-2-E(6-7)

Tgt Ion: 59 Resp: 377

Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.4	8.2#

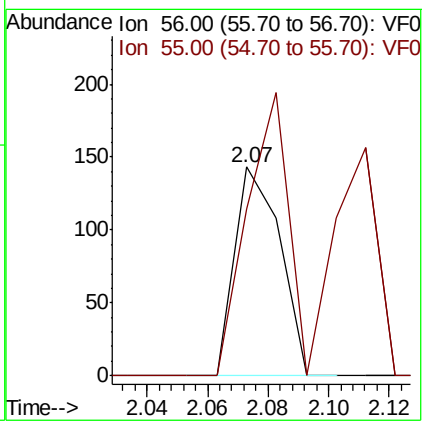


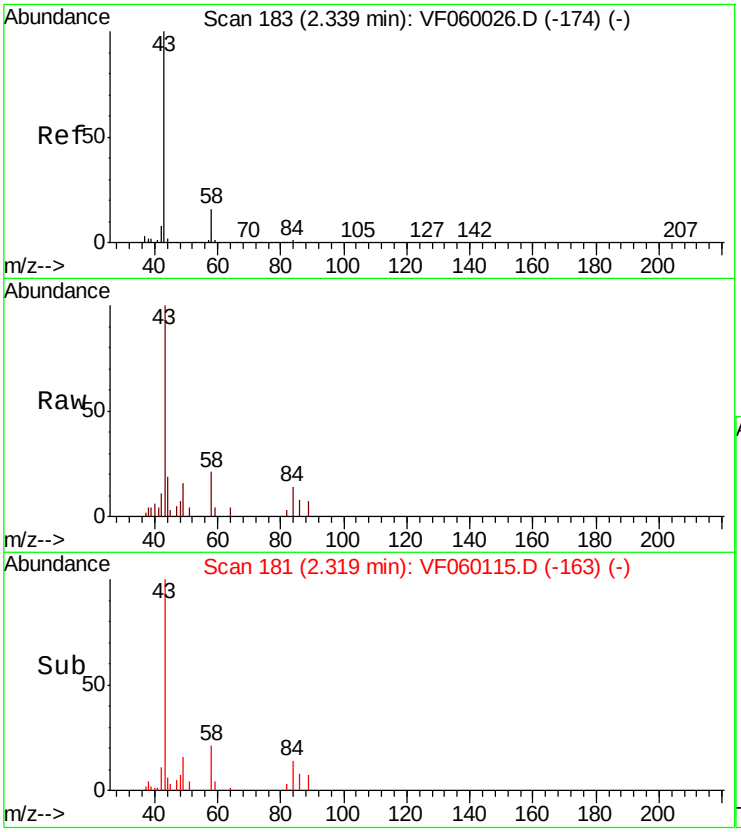


#13
Acrolein
Concen: 28.27 ug/l
RT: 2.07 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Tgt Ion: 56 Resp: 148

Ion	Ratio	Lower	Upper
56	100		
55	79.7	65.6	98.4



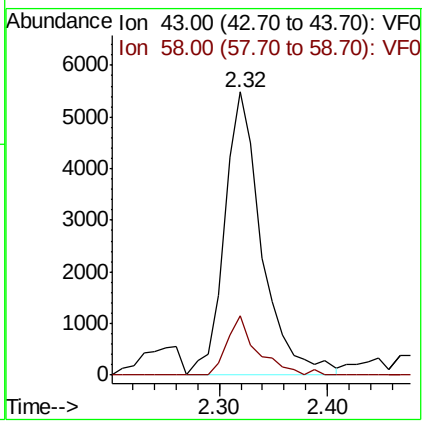


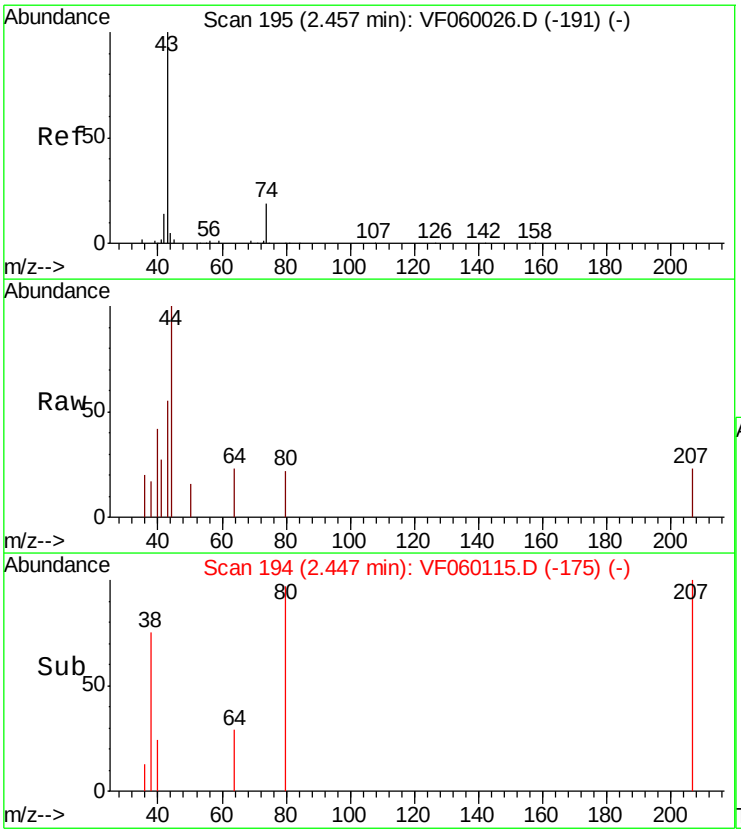
#16
Acetone
Concen: 23.91 ug/l
RT: 2.32 min Scan# 181
Delta R.T. -0.02 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Tgt Ion: 43 Resp: 13131

Ion	Ratio	Lower	Upper
43	100		
58	20.9	12.6	19.0#

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(6-7)

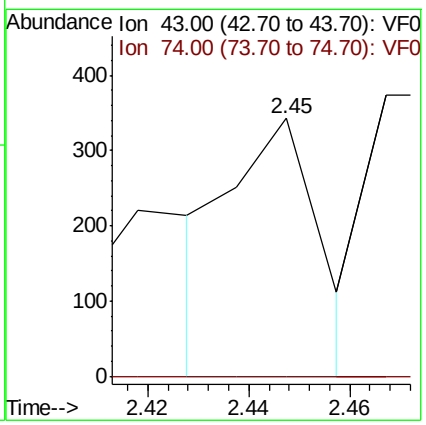


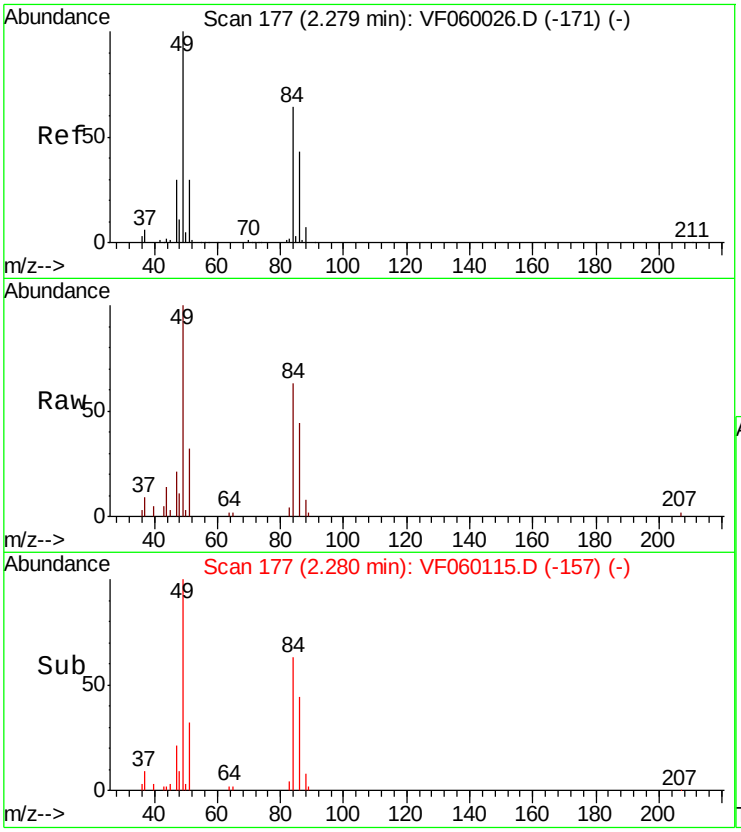


#18
Methyl Acetate
Concen: Below Cal
RT: 2.45 min Scan# 194
Delta R.T. -0.01 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Tgt Ion: 43 Resp: 417

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.8	20.6#



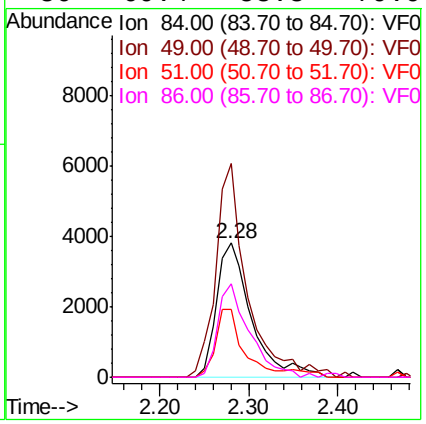


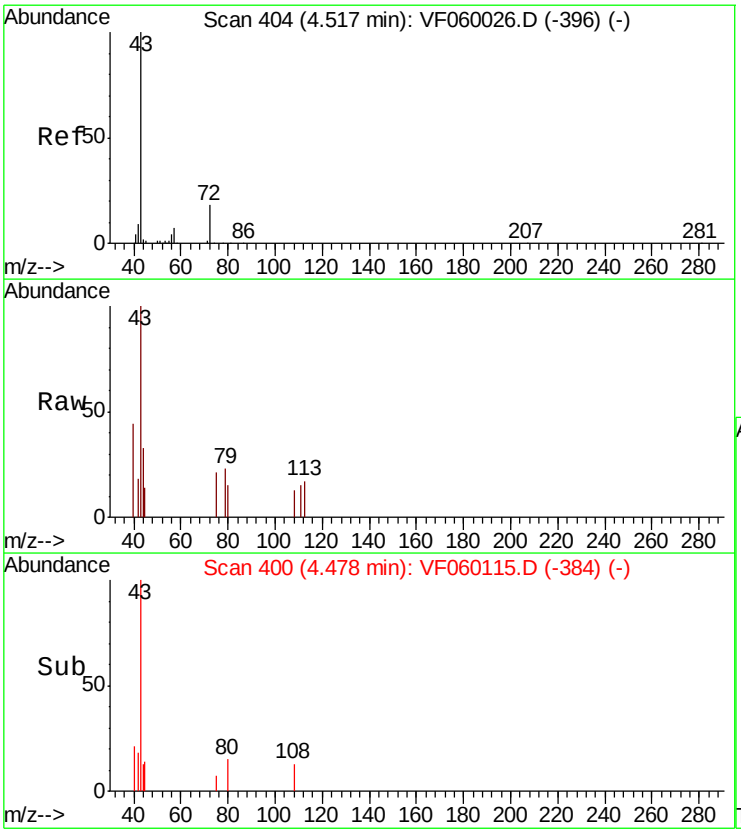
#20
Methylene Chloride
Concen: 5.09 ug/l
RT: 2.28 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Instrument : MSVOA_F
ClientSampleId : BYR-2-E(6-7)

Tgt Ion: 84 Resp: 10483

Ion	Ratio	Lower	Upper
84	100		
49	159.5	125.4	188.0
51	51.0	38.3	57.5
86	69.4	53.3	79.9

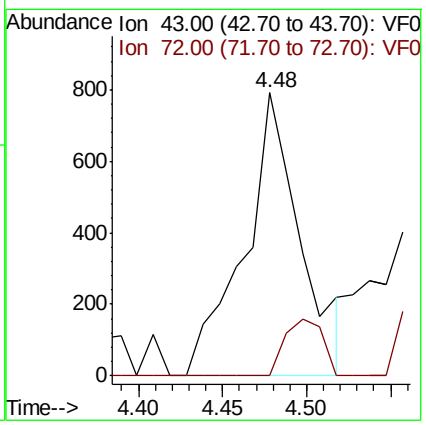


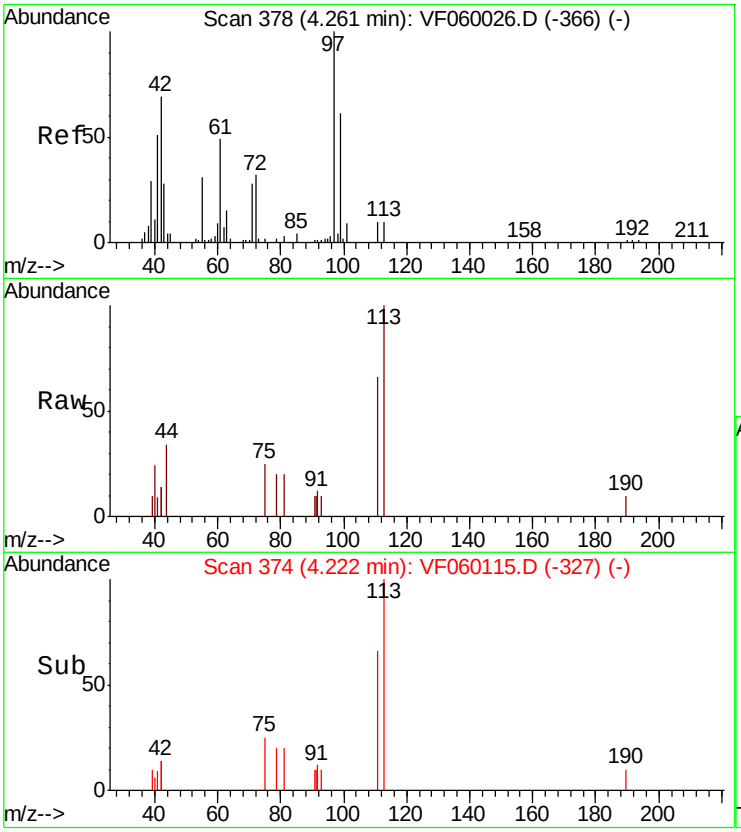


#25
2-Butanone
Concen: 2.57 ug/l
RT: 4.48 min Scan# 400
Delta R.T. -0.04 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Tgt Ion: 43 Resp: 1832

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.0	22.6#



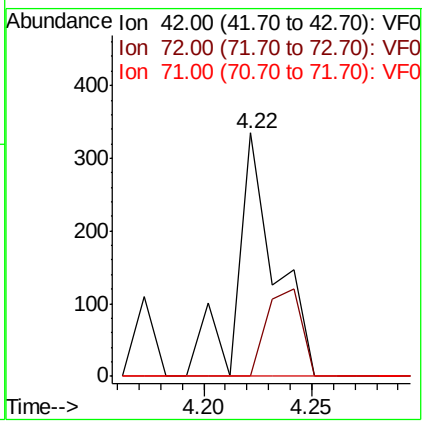


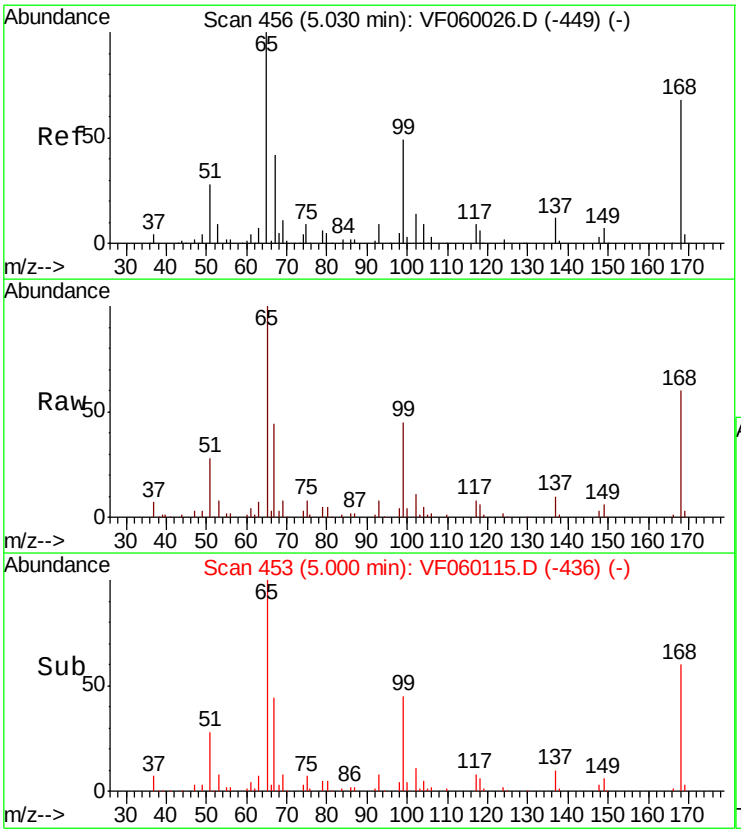
#29
Tetrahydrofuran
Concen: 1.55 ug/l
RT: 4.22 min Scan# 374
Delta R.T. -0.04 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(6-7)

Tgt Ion: 42 Resp: 418

Ion	Ratio	Lower	Upper
42	100		
72	32.1	31.4	47.2
71	0.0	29.7	44.5#

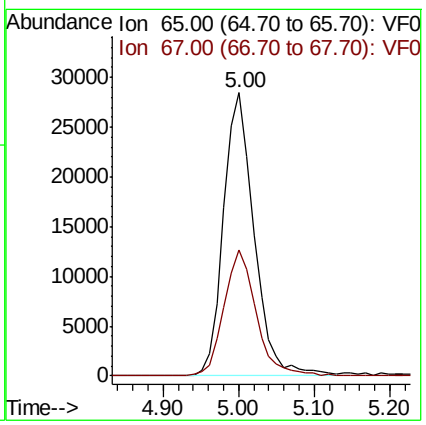


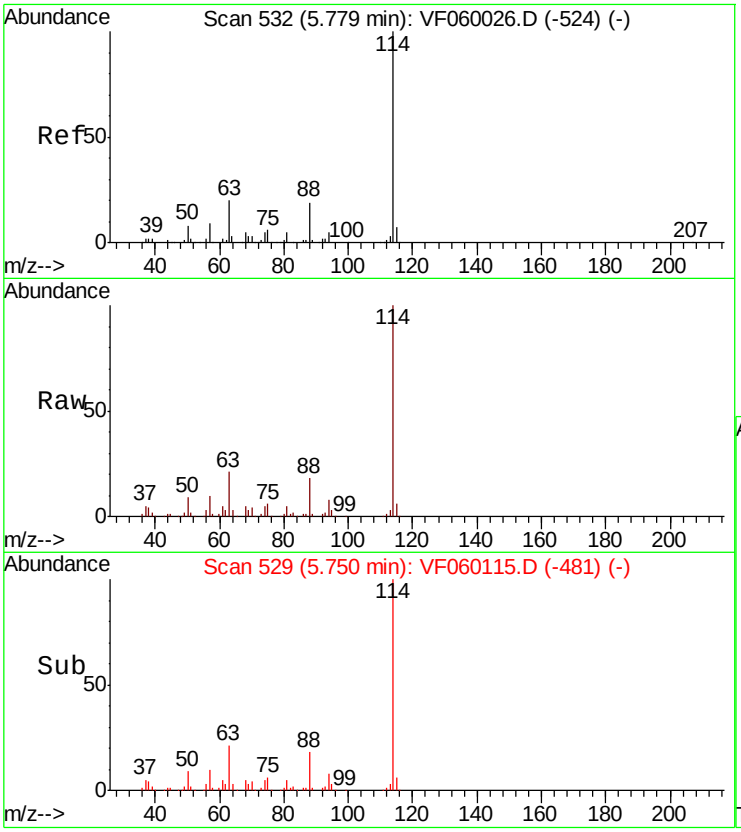


#33
1,2-Dichloroethane-d4
Concen: 38.15 ug/l
RT: 5.00 min Scan# 453
Delta R.T. -0.03 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Tgt Ion: 65 Resp: 79726

Ion	Ratio	Lower	Upper
65	100		
67	44.4	0.0	92.0



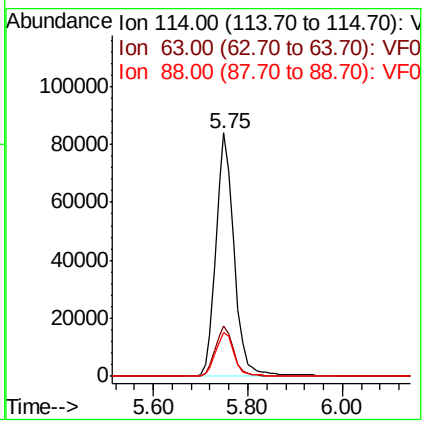


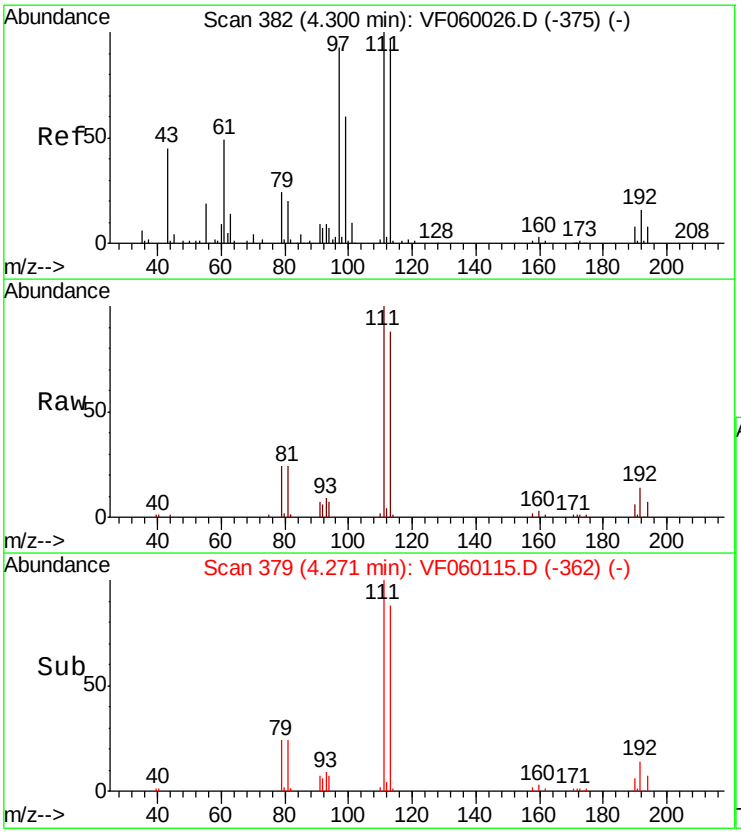
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.75 min Scan# 529
Delta R.T. -0.03 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(6-7)

Tgt Ion:114 Resp: 224109

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.4
88	18.1	0.0	38.6

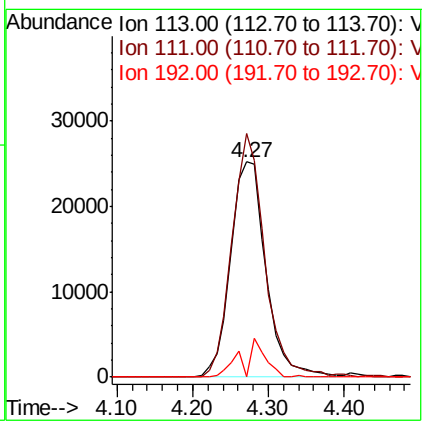


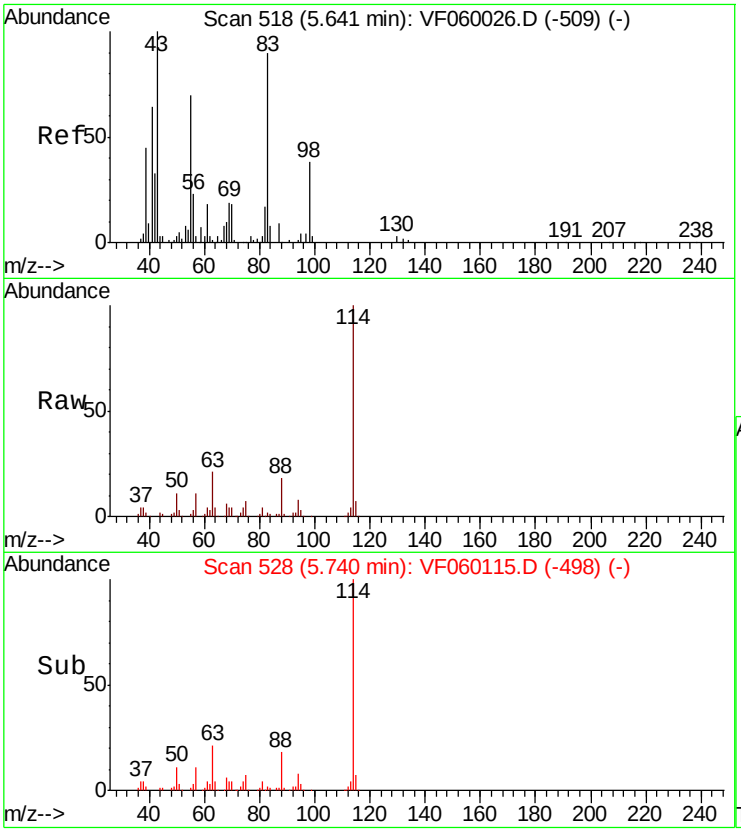


#35
Dibromofluoromethane
Concen: 46.25 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.03 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Tgt Ion:113 Resp: 81395

Ion	Ratio	Lower	Upper
113	100		
111	111.8	82.7	124.1
192	0.0	13.0	19.4#



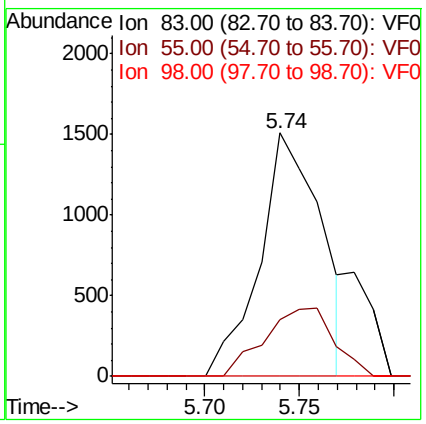


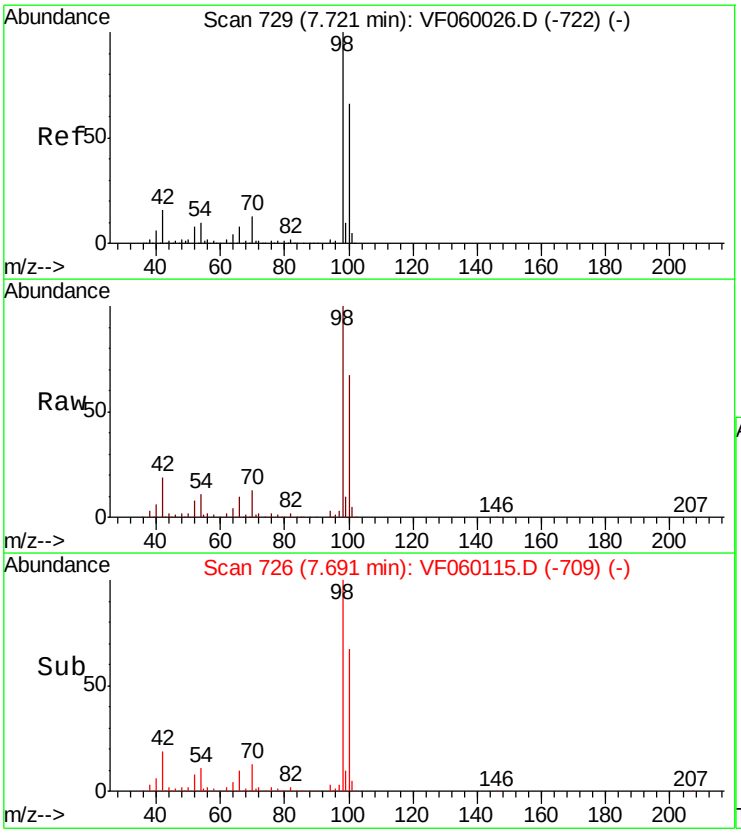
#39
Methylcyclohexane
Concen: 1.73 ug/l
RT: 5.74 min Scan# 528
Delta R.T. 0.10 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(6-7)

Tgt Ion: 83 Resp: 3421

Ion	Ratio	Lower	Upper
83	100		
55	23.3	62.7	94.1#
98	10.3	33.8	50.8#

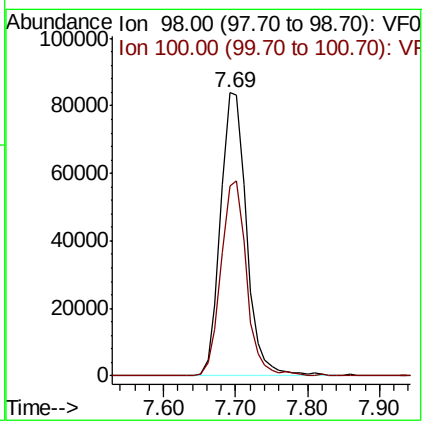


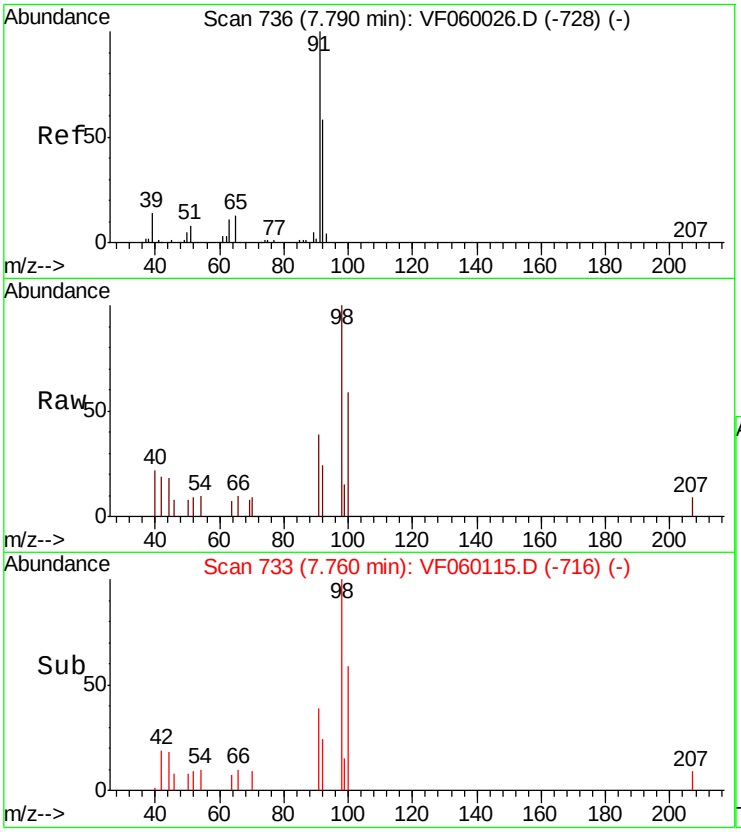


#50
Toluene-d8
Concen: 42.10 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.03 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Tgt Ion: 98 Resp: 210418

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.2	79.8



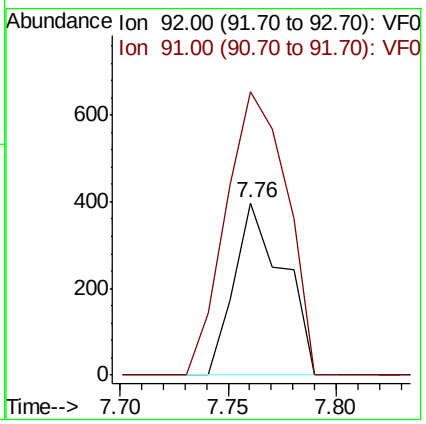


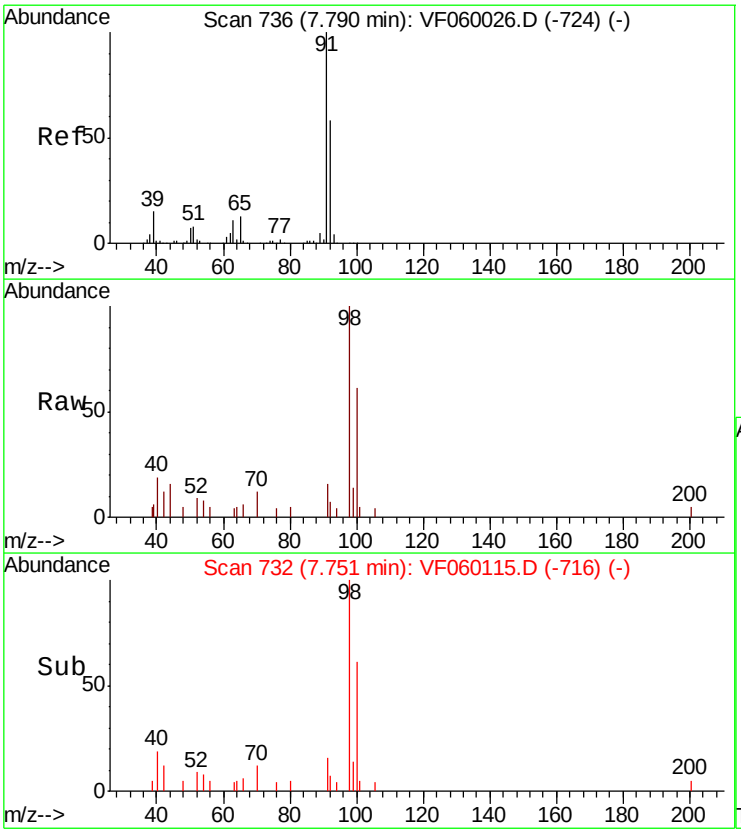
#52
Toluene
Concen: Below Cal
RT: 7.76 min Scan# 733
Delta R.T. -0.03 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(6-7)

Tgt Ion: 92 Resp: 630

Ion	Ratio	Lower	Upper
92	100		
91	164.1	137.7	206.5

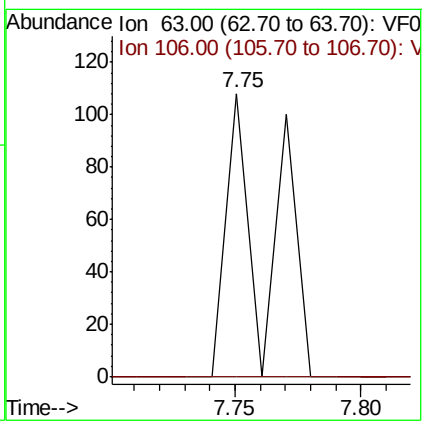


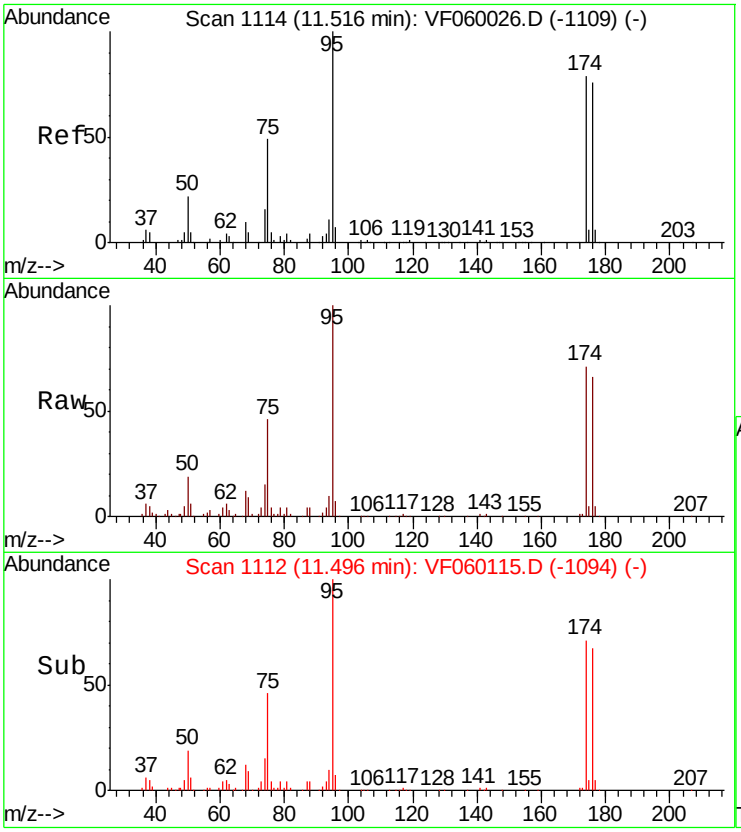


#58
2-Chloroethyl Vinyl ether
Concen: 1.03 ug/l
RT: 7.75 min Scan# 732
Delta R.T. -0.04 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Tgt Ion: 63 Resp: 123

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



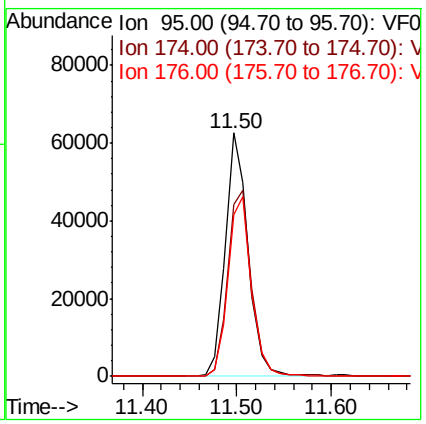


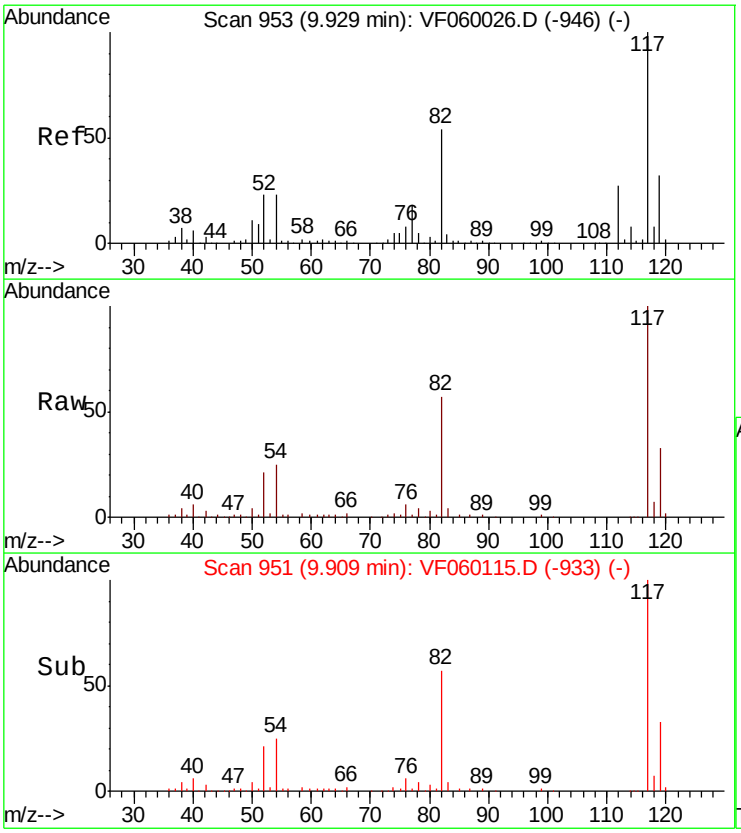
#62
4-Bromofluorobenzene
Concen: 39.41 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(6-7)

Tgt Ion: 95 Resp: 104207

Ion	Ratio	Lower	Upper
95	100		
174	70.6	0.0	158.4
176	66.4	0.0	153.0

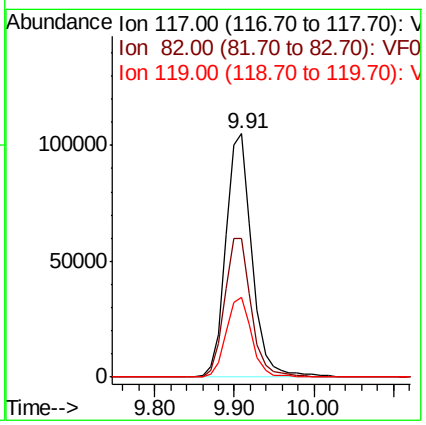


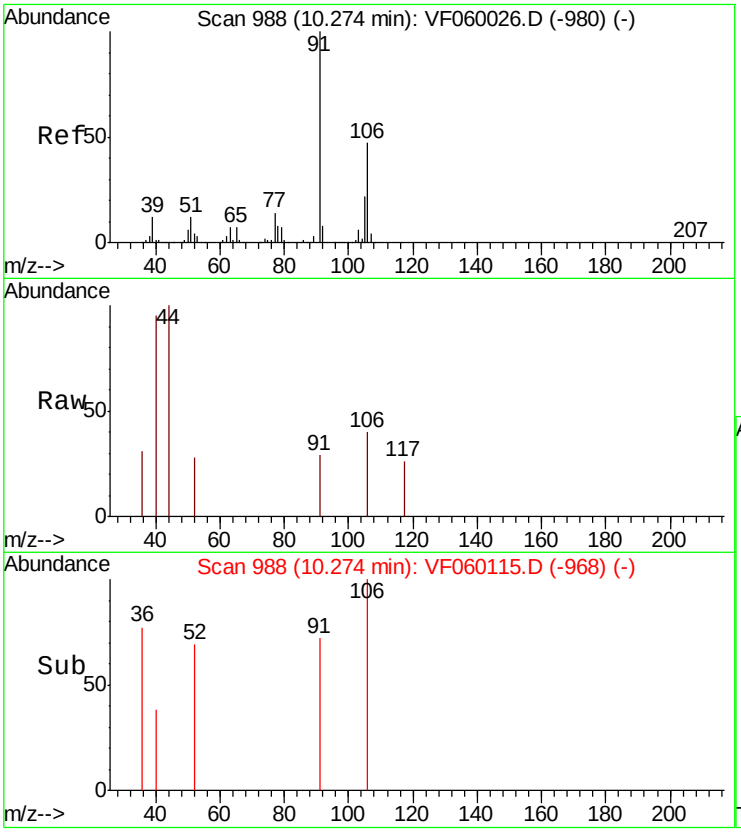


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Tgt Ion:117 Resp: 242792

Ion	Ratio	Lower	Upper
117	100		
82	56.9	43.6	65.4
119	32.8	25.6	38.4



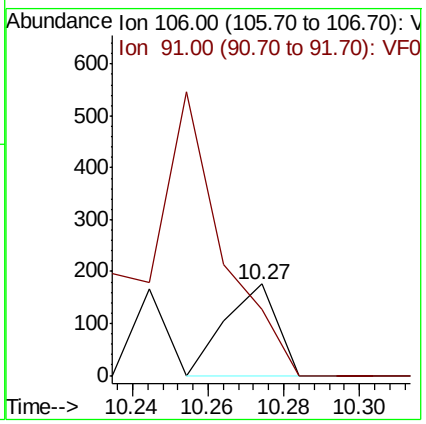


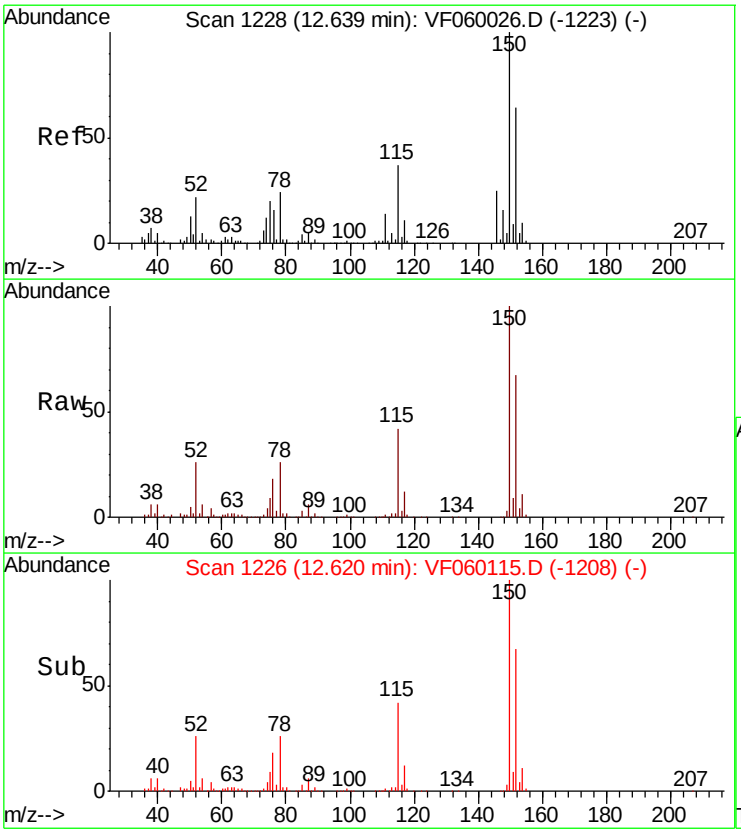
#68
m/p-Xylenes
Concen: Below Cal
RT: 10.27 min Scan# 988
Delta R.T. 0.00 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(6-7)

Tgt Ion:106 Resp: 166

Ion	Ratio	Lower	Upper
106	100		
91	71.6	171.8	257.8#

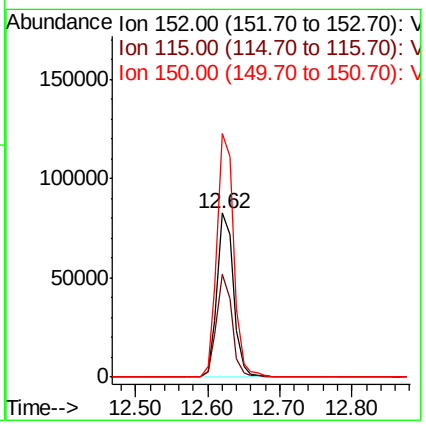


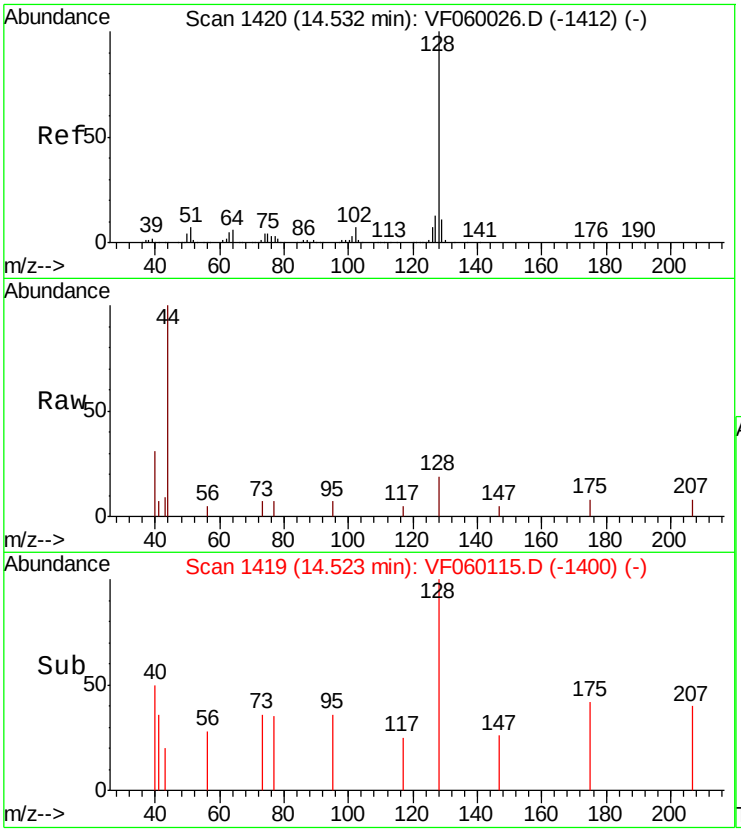


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.02 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Tgt Ion:152 Resp: 130028

Ion	Ratio	Lower	Upper
152	100		
115	63.0	28.6	85.9
150	148.3	0.0	312.0





#95
Naphthalene
Concen: 2.37 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. -0.01 min
Lab File: VF060115.D
Acq: 24 Aug 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
BYR-2-E(6-7)

Tgt Ion:128 Resp: 426

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