Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082418\
Data File : VF060100.D
Acq On : 24 Aug 2018 15:20
Operator : VA/AP
Sample : J4581-14RE
Misc : 5.76g/5mL/MSVOA_F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EP1-Q3-FD-01

Quant Time: Aug 25 03:45:41 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	5.04	168	167894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	261193	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	305338	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	180308	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	103195	44.91	ug/l	-0.02
Spiked Amount 50.000			Recovery = 89.82%			
35) Dibromofluoromethane	4.28	113	105274	51.33	ug/l	-0.02
Spiked Amount 50.000			Recovery = 102.66%			
50) Toluene-d8	7.70	98	280432	48.14	ug/l	-0.02
Spiked Amount 50.000			Recovery = 96.28%			
62) 4-Bromofluorobenzene	11.51	95	152304	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.86%			
Target Compounds						Qvalue
3) Chloromethane	1.08	50	965	Below Cal	#	79
5) Bromomethane	1.32	94	1204	1.15	ug/l	85
11) Tert butyl alcohol	2.65	59	131	1.07	ug/l #	80
13) Acrolein	1.99	56	81	27.29	ug/l	91
16) Acetone	2.33	43	8141	13.48	ug/l #	74
18) Methyl Acetate	2.45	43	478	Below Cal	#	60
39) Methylcyclohexane	5.76	83	3848	1.67	ug/l #	48
49) 1,4-Dioxane	7.14	88	82	6.99	ug/l #	18
52) Toluene	7.78	92	423	Below Cal	#	56
58) 2-Chloroethyl Vinyl ether	7.70	63	511	3.68	ug/l	100
68) m/p-Xylenes	10.26	106	418	Below Cal	#	56
95) Naphthalene	14.51	128	781	2.40	ug/l #	69

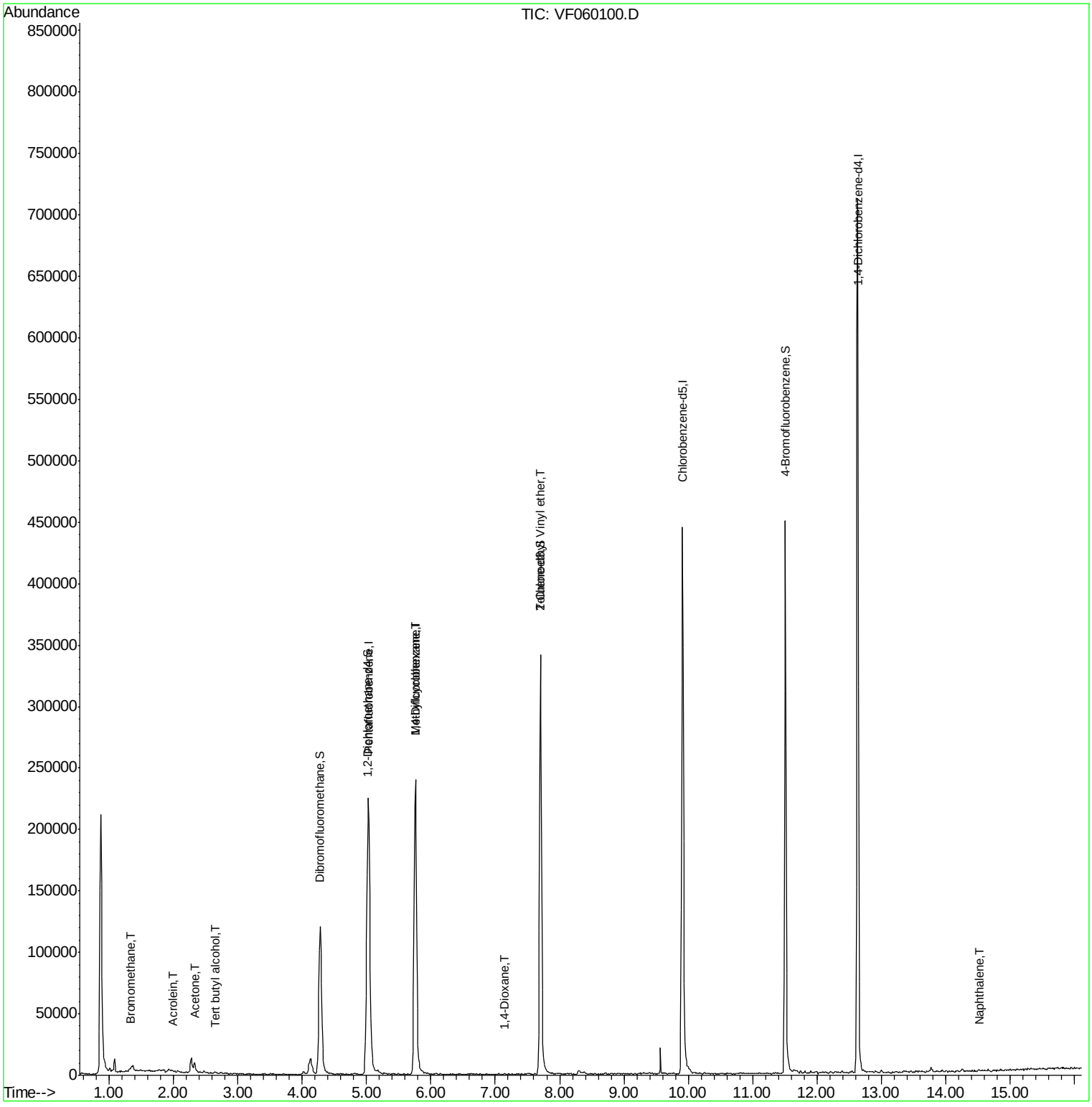
(#) = qualifier out of range (m) = manual integration (+) = signals summed

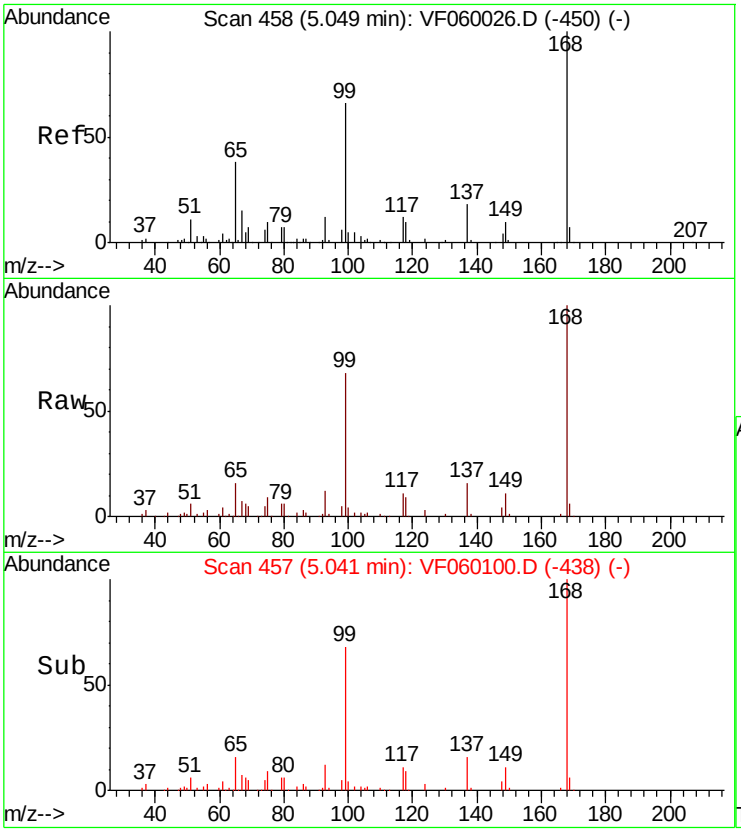
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
Data File : VF060100.D
Acq On : 24 Aug 2018 15:20
Operator : VA/AP
Sample : J4581-14RE
Misc : 5.76g/5mL/MSVOA F/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : EP1-Q3-FD-01

Quant Time: Aug 25 03:45:41 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



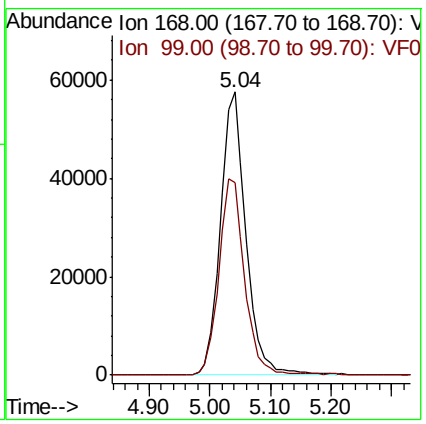


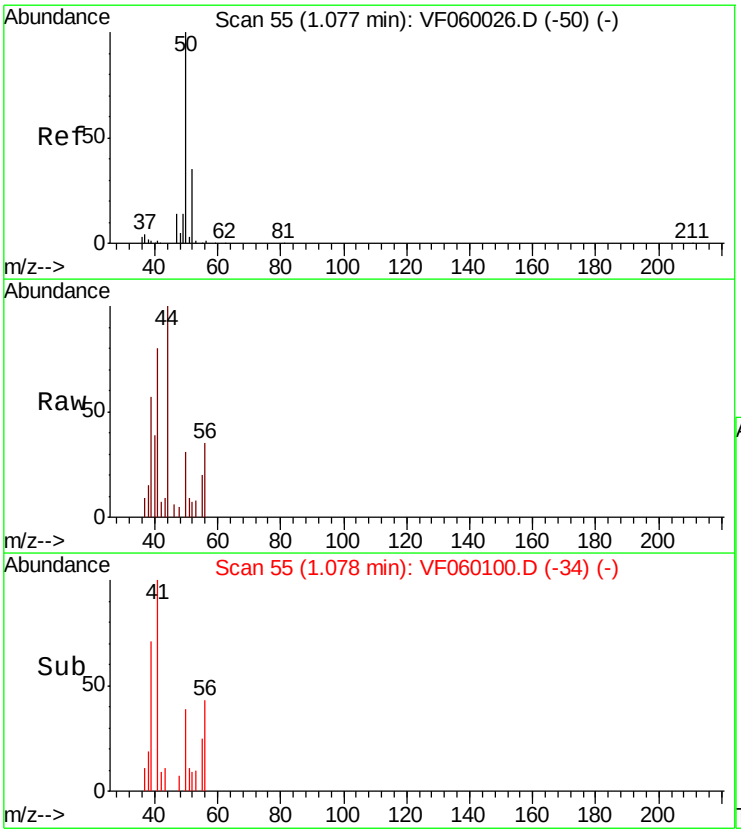
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-FD-01

Tgt Ion:168 Resp: 167894

Ion	Ratio	Lower	Upper
168	100		
99	68.2	52.6	79.0

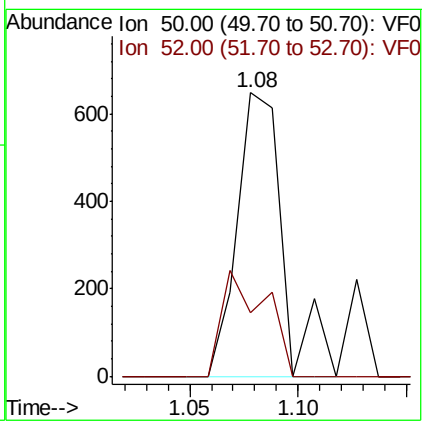


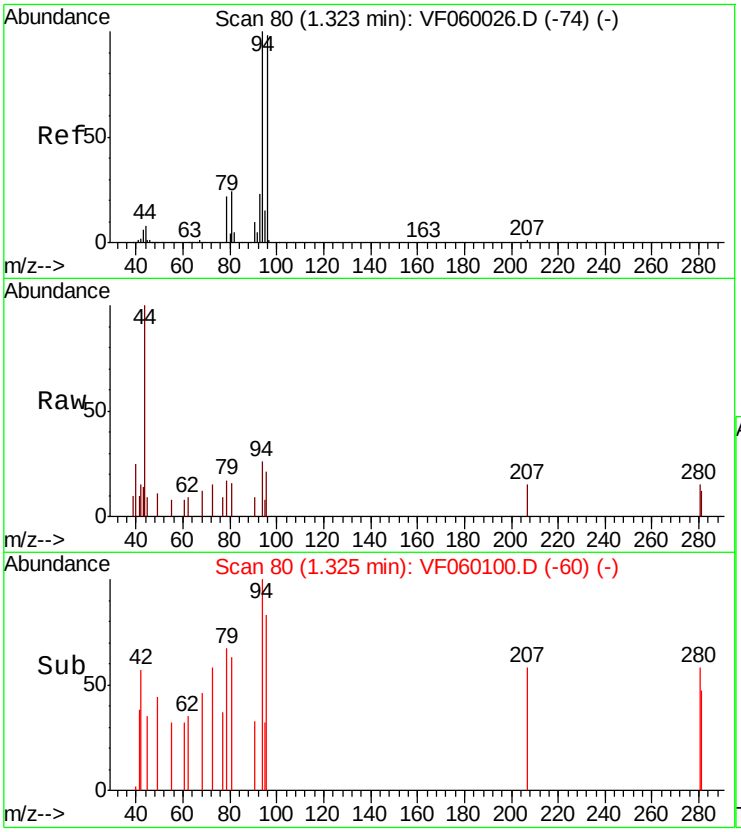


#3
Chloromethane
Concen: Below Cal
RT: 1.08 min Scan# 55
Delta R.T. 0.00 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Tgt Ion: 50 Resp: 965

Ion	Ratio	Lower	Upper
50	100		
52	22.4	27.6	41.4#



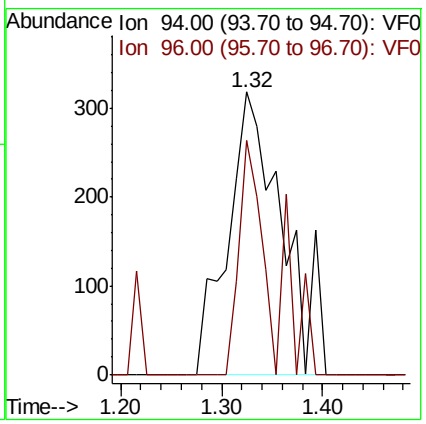


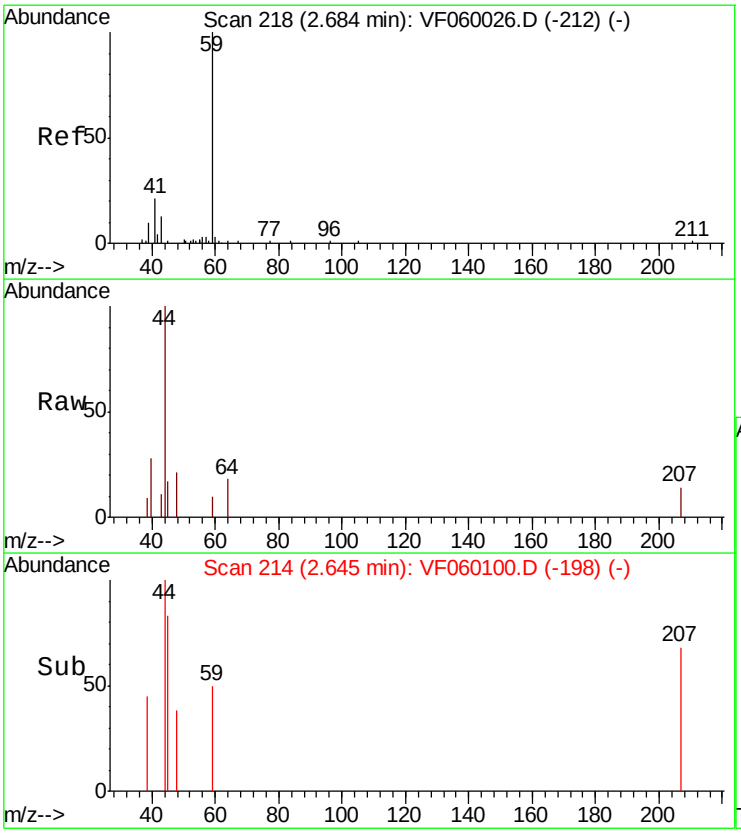
#5
Bromomethane
Concen: 1.15 ug/l
RT: 1.32 min Scan# 80
Delta R.T. 0.00 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-FD-01

Tgt Ion: 94 Resp: 1204

Ion	Ratio	Lower	Upper
94	100		
96	83.0	78.6	118.0

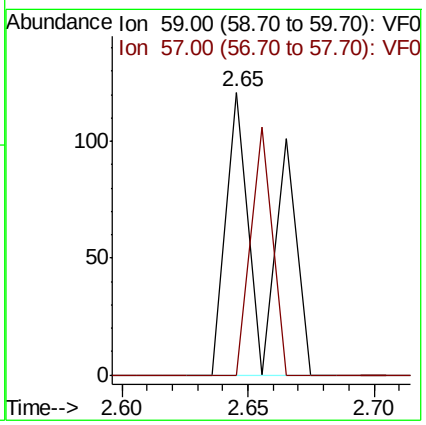


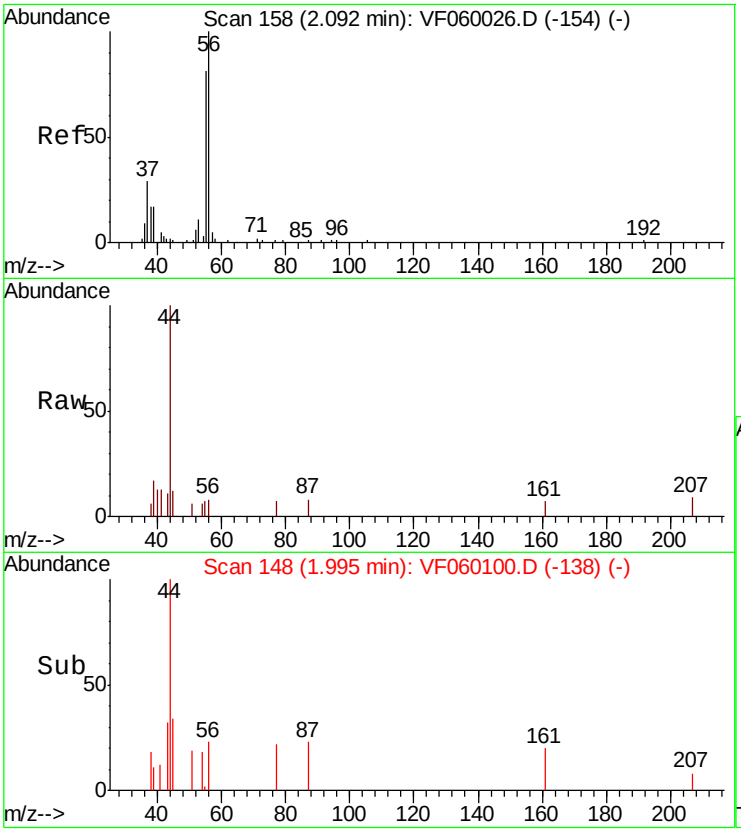


#11
Tert butyl alcohol
Concen: 1.07 ug/l
RT: 2.65 min Scan# 214
Delta R.T. -0.04 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Tgt Ion: 59 Resp: 131

Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.4	8.2#



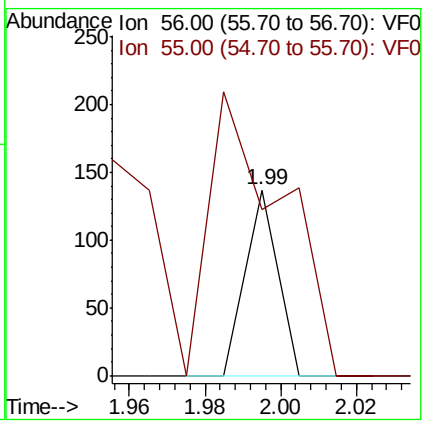


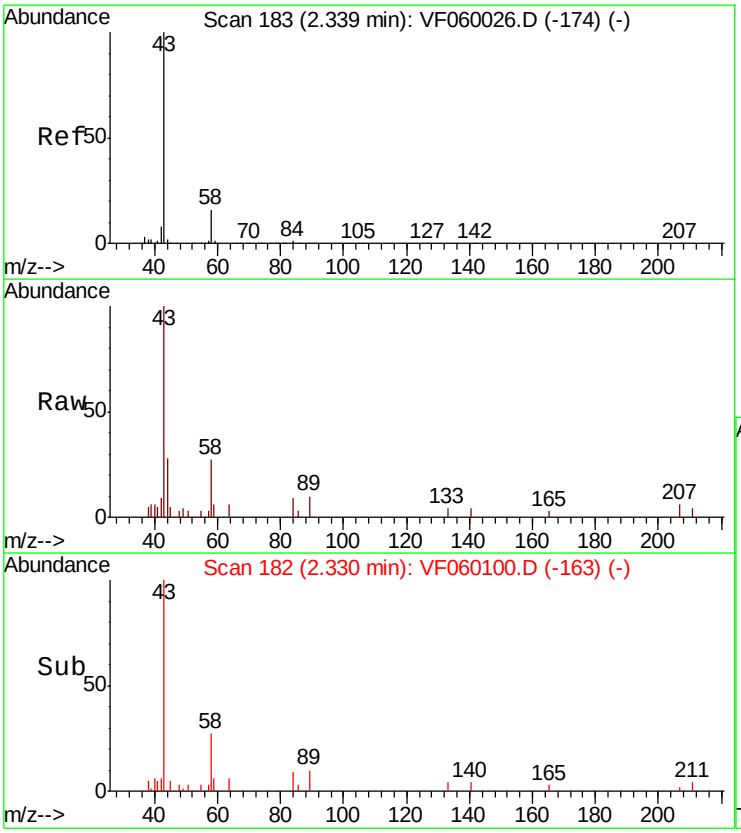
#13
Acrolein
Concen: 27.29 ug/l
RT: 1.99 min Scan# 148
Delta R.T. -0.10 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Instrument : MSVOA_F
ClientSampleId : EP1-Q3-FD-01

Tgt Ion: 56 Resp: 81

Ion	Ratio	Lower	Upper
56	100		
55	89.8	65.6	98.4

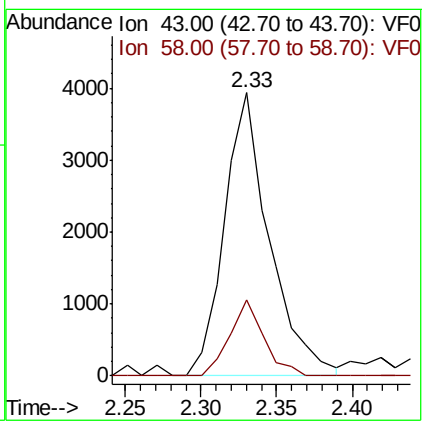


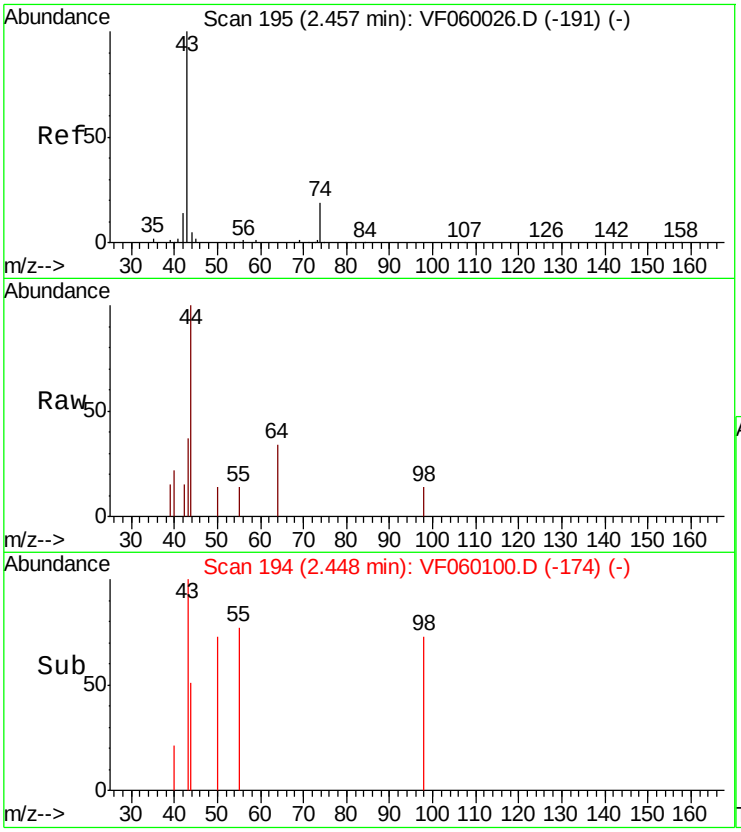


#16
Acetone
Concen: 13.48 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Tgt Ion: 43 Resp: 8141

Ion	Ratio	Lower	Upper
43	100		
58	26.8	12.6	19.0#



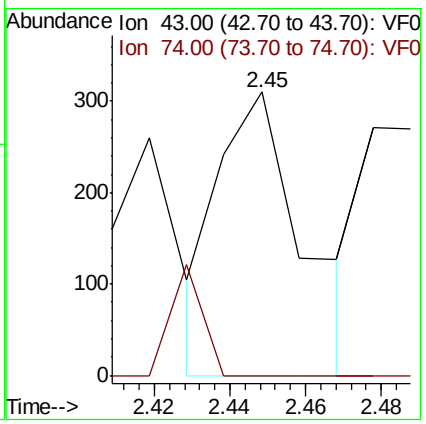


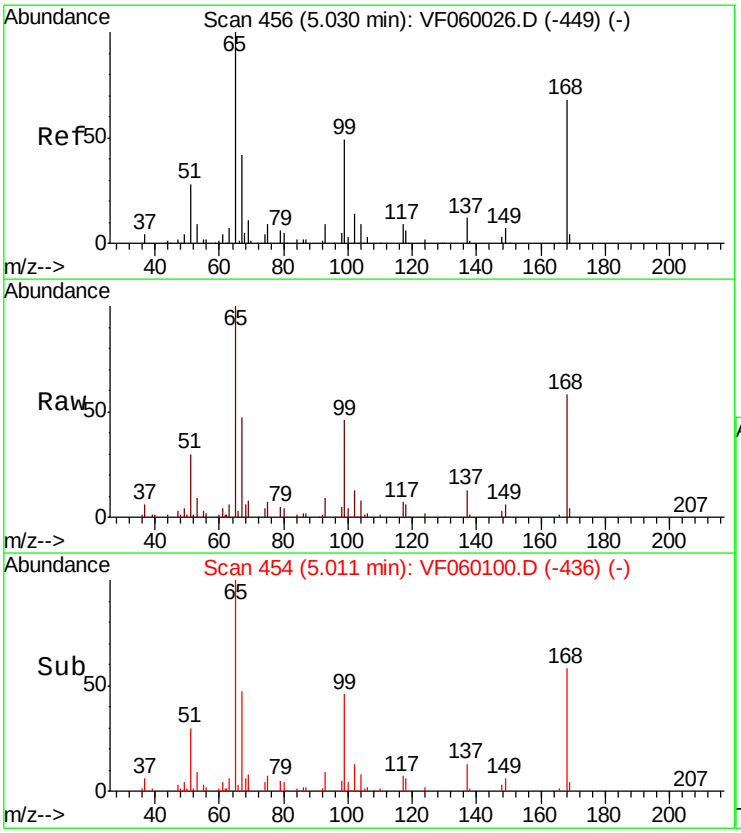
#18
Methyl Acetate
Concen: Below Cal
RT: 2.45 min Scan# 194
Delta R.T. -0.01 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Instrument : MSVOA_F
ClientSampleId : EP1-Q3-FD-01

Tgt Ion: 43 Resp: 478

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.8	20.6#

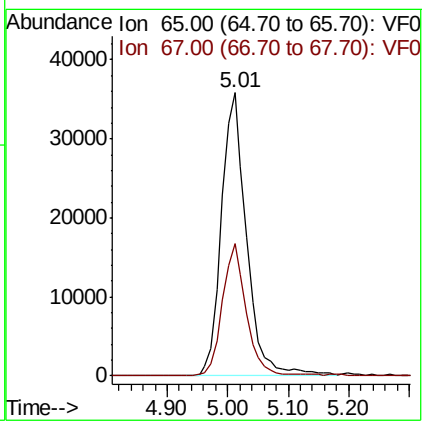


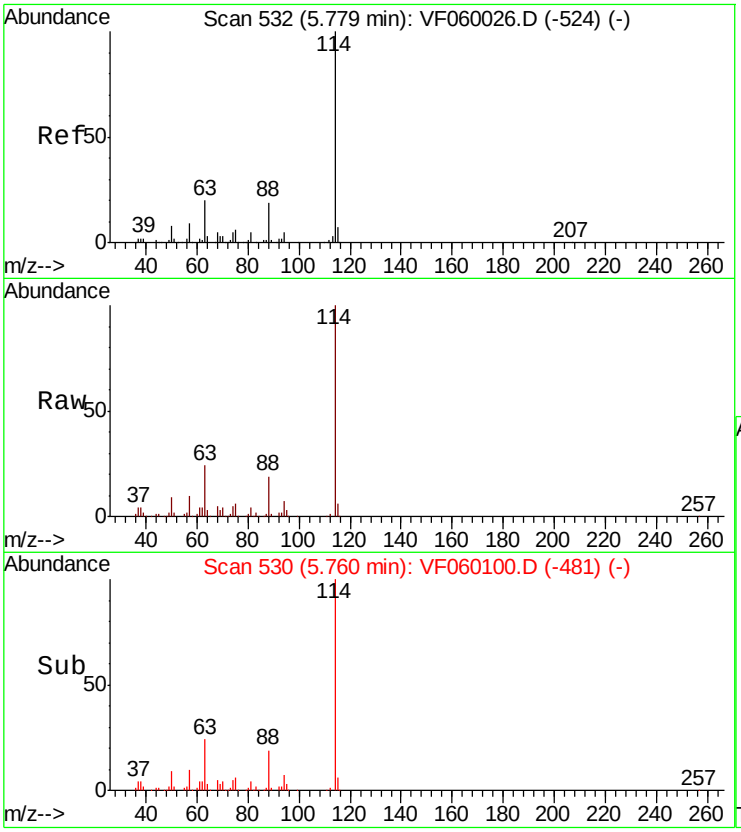


#33
1,2-Dichloroethane-d4
Concen: 44.91 ug/l
RT: 5.01 min Scan# 454
Delta R.T. -0.02 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Tgt Ion: 65 Resp: 103195

Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	92.0



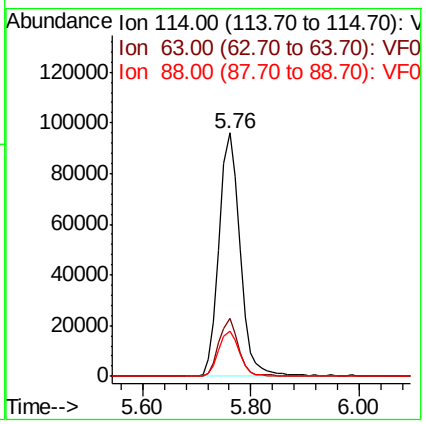


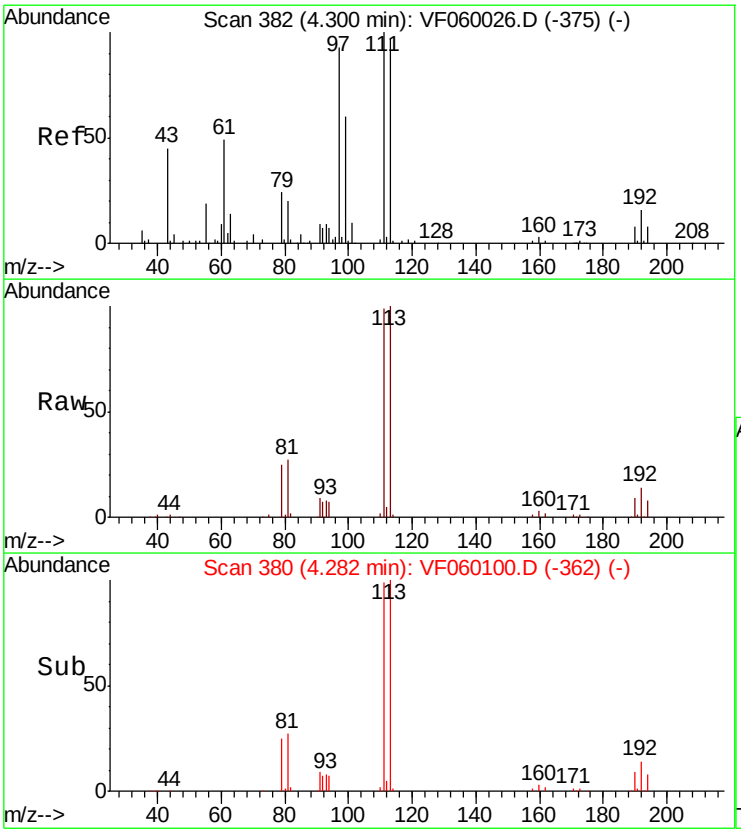
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.76 min Scan# 530
Delta R.T. -0.02 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-FD-01

Tgt Ion:114 Resp: 261193

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	40.4
88	18.6	0.0	38.6

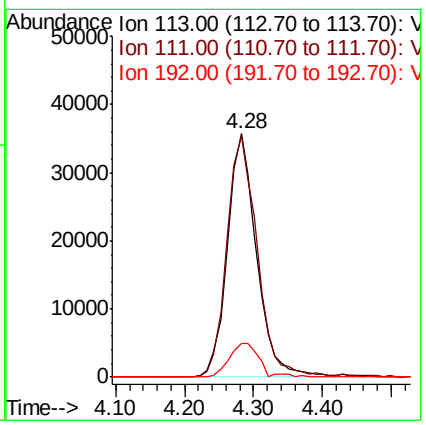


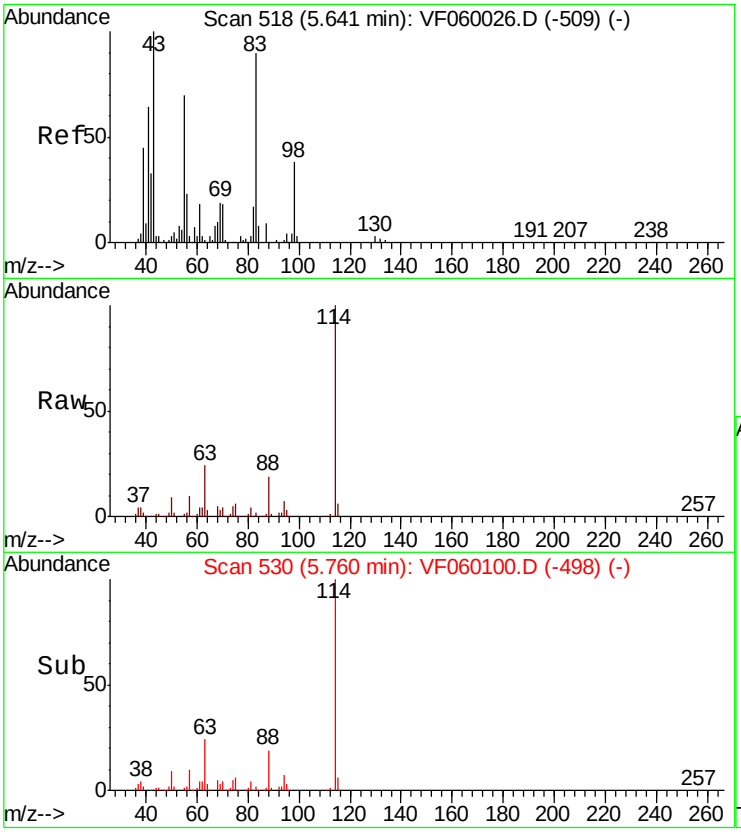


#35
Dibromofluoromethane
Concen: 51.33 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.02 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Tgt Ion:113 Resp: 105274

Ion	Ratio	Lower	Upper
113	100		
111	98.8	82.7	124.1
192	13.7	13.0	19.4



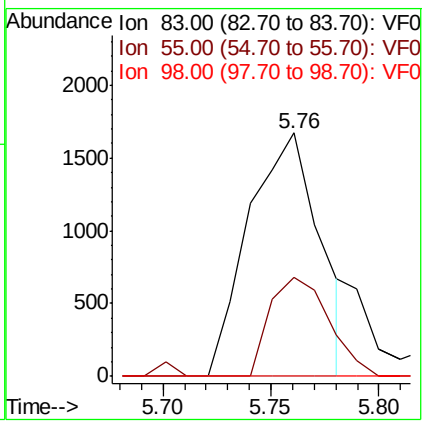


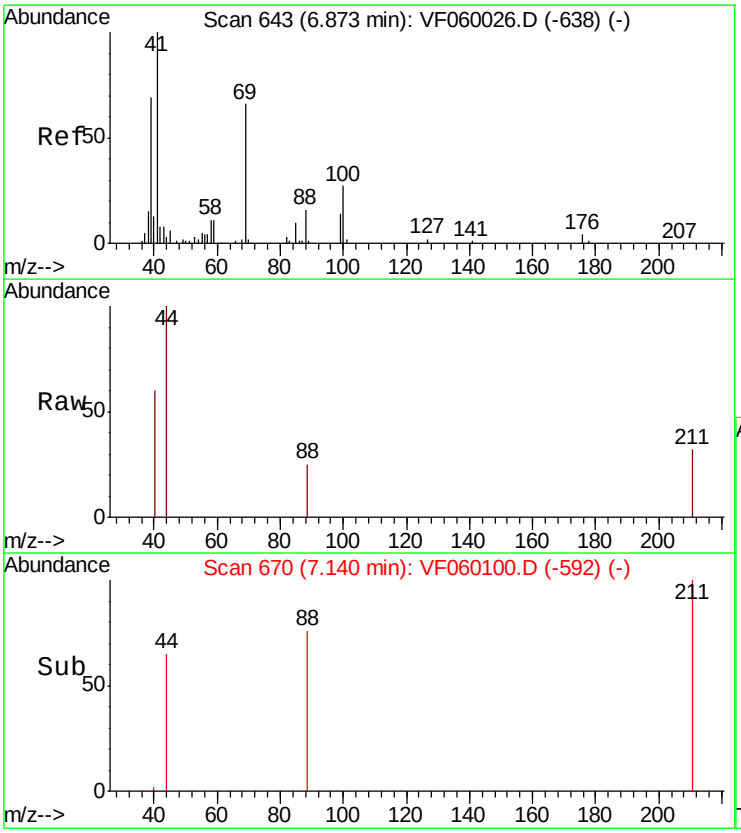
#39
Methylcyclohexane
Concen: 1.67 ug/l
RT: 5.76 min Scan# 530
Delta R.T. 0.12 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Instrument : MSVOA_F
ClientSampleId : EP1-Q3-FD-01

Tgt Ion: 83 Resp: 3848

Ion	Ratio	Lower	Upper
83	100		
55	40.6	62.7	94.1#
98	0.0	33.8	50.8#

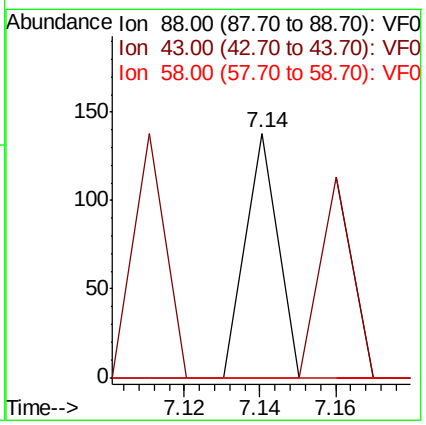


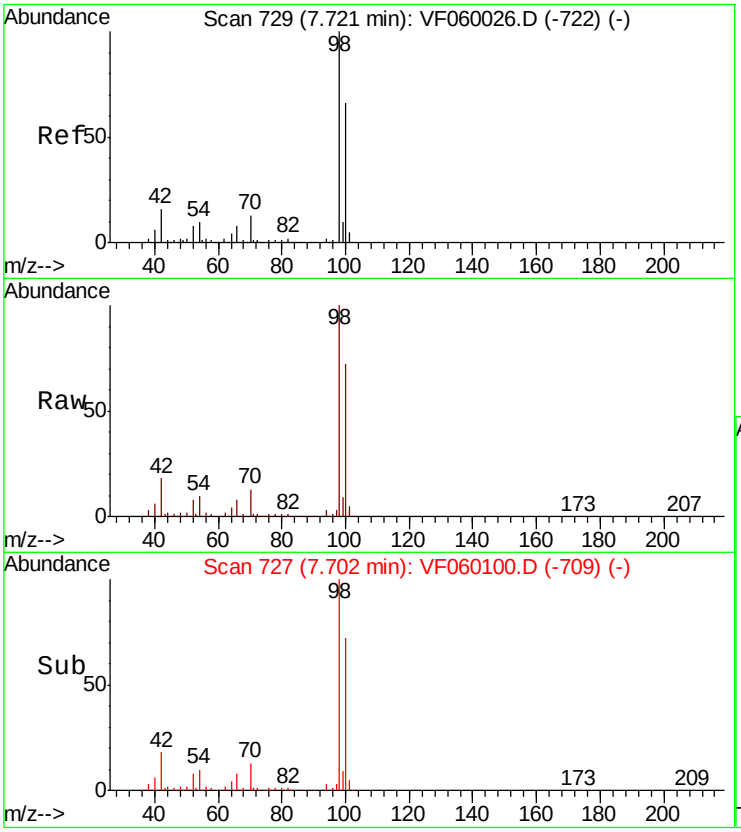


#49
1,4-Dioxane
Concen: 6.99 ug/l
RT: 7.14 min Scan# 670
Delta R.T. 0.27 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Tgt Ion: 88 Resp: 82

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



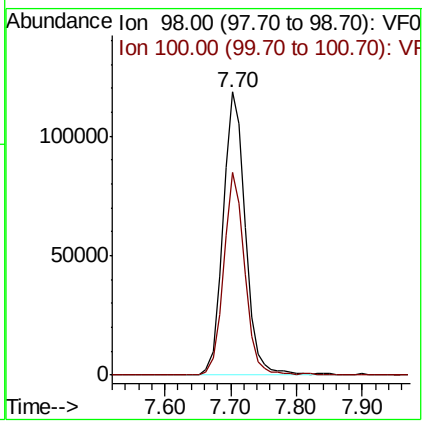


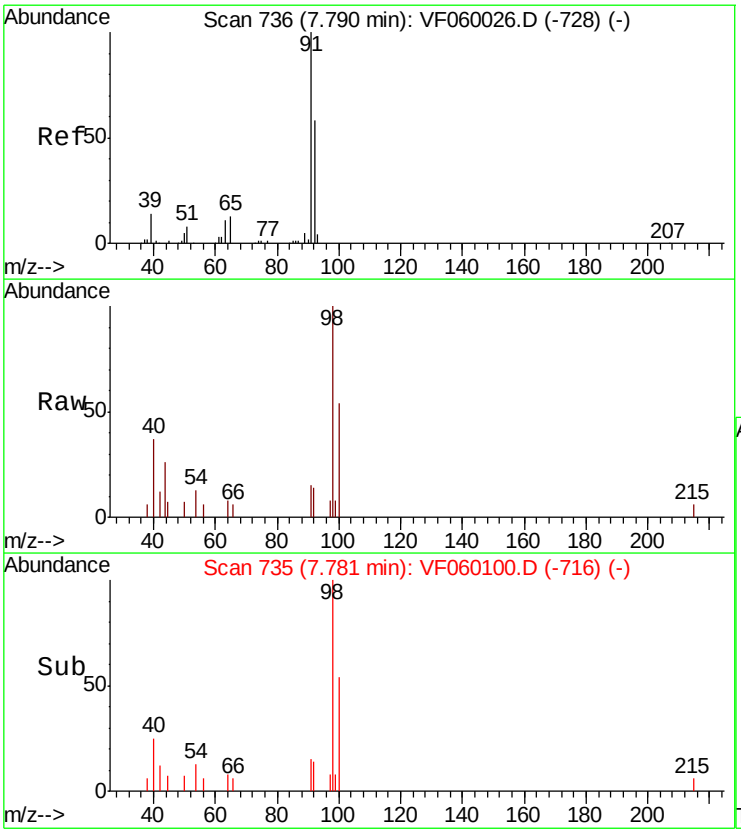
#50
Toluene-d8
Concen: 48.14 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-FD-01

Tgt Ion: 98 Resp: 280432

Ion	Ratio	Lower	Upper
98	100		
100	71.6	53.2	79.8

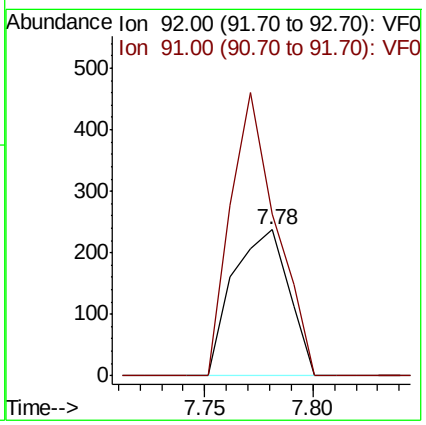


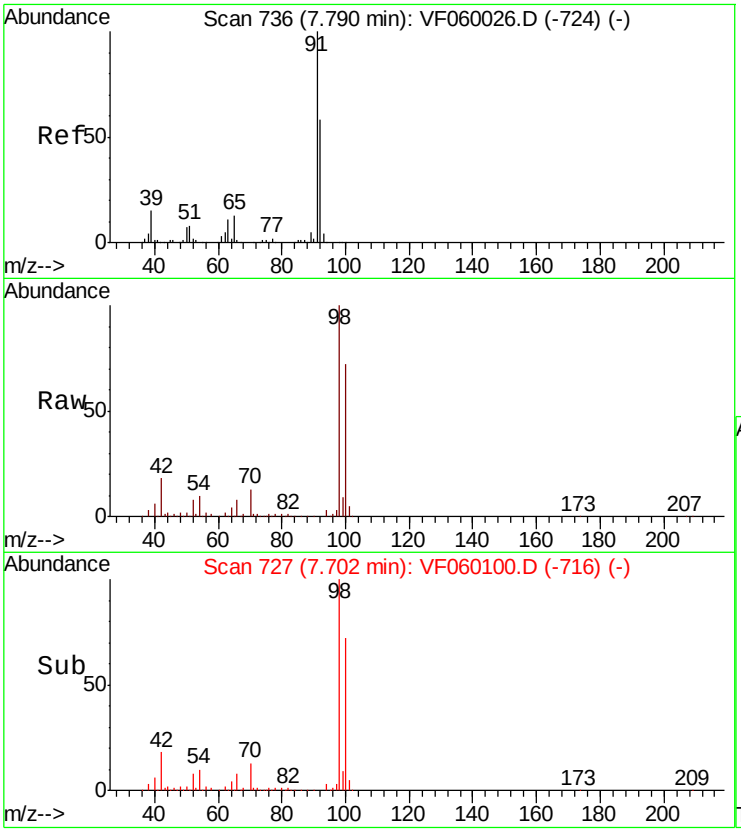


#52
Toluene
Concen: Below Cal
RT: 7.78 min Scan# 735
Delta R.T. -0.01 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Tgt Ion: 92 Resp: 423

Ion	Ratio	Lower	Upper
92	100		
91	111.0	137.7	206.5#



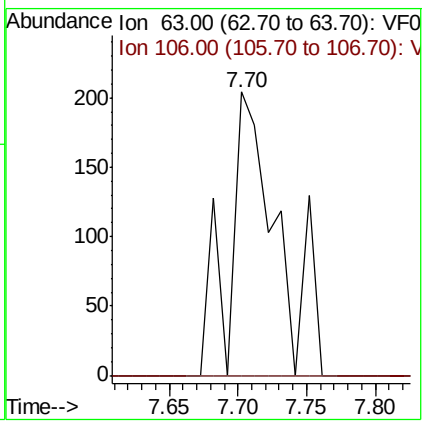


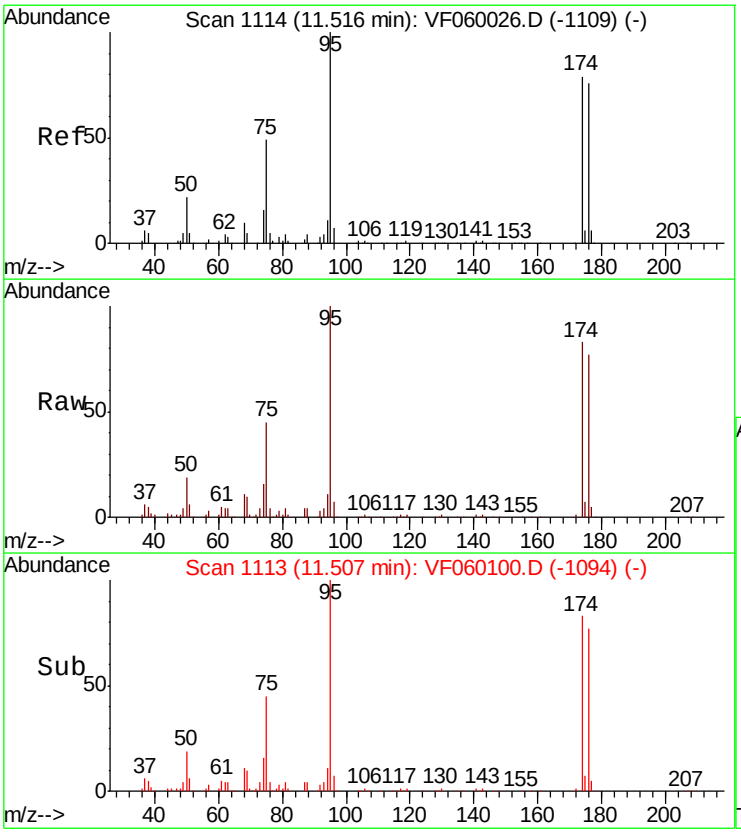
#58
2-Chloroethyl Vinyl ether
Concen: 3.68 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.09 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Instrument : MSVOA_F
ClientSampleId : EP1-Q3-FD-01

Tgt Ion: 63 Resp: 511

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

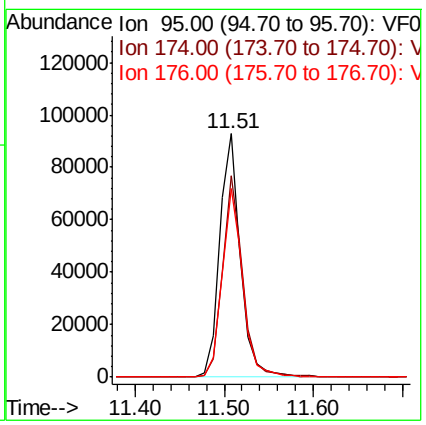


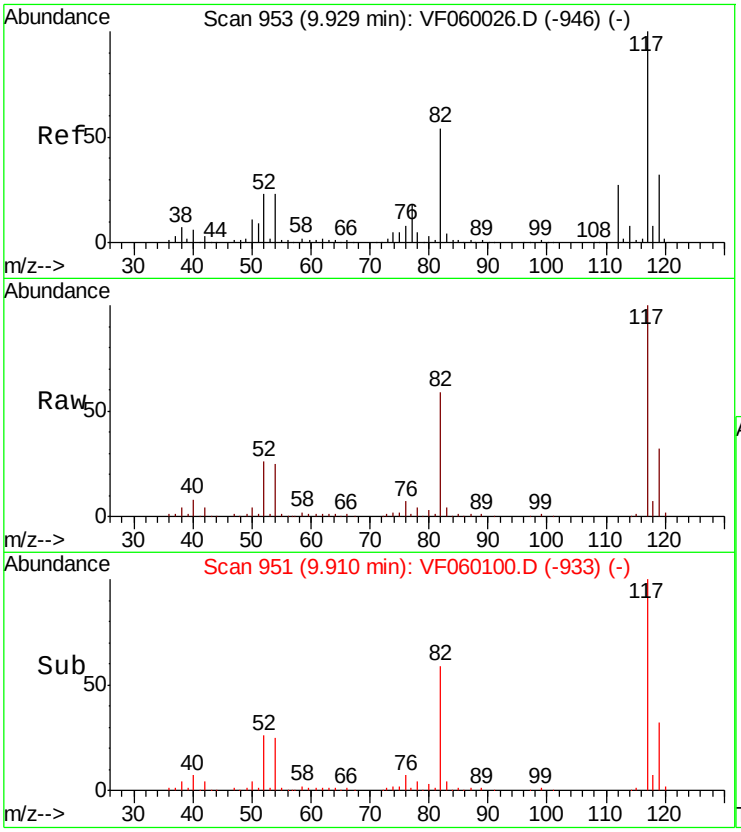


#62
4-Bromofluorobenzene
Concen: 49.43 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Tgt Ion: 95 Resp: 152304

Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	158.4
176	77.2	0.0	153.0



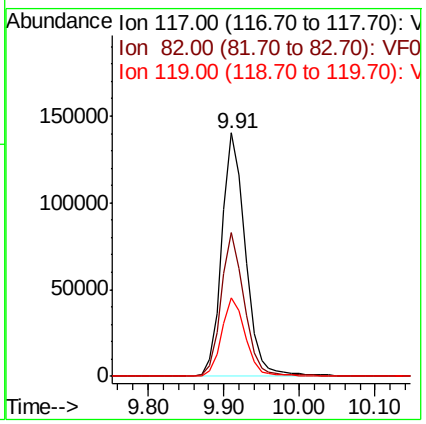


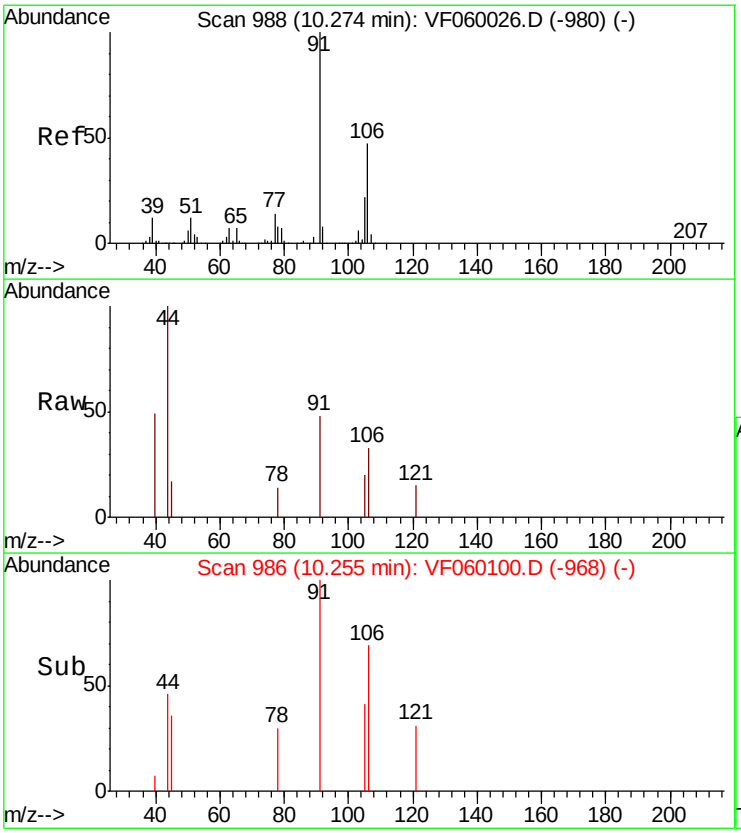
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Instrument : MSVOA_F
ClientSampleId : EP1-Q3-FD-01

Tgt Ion:117 Resp: 305338

Ion	Ratio	Lower	Upper
117	100		
82	59.0	43.6	65.4
119	32.3	25.6	38.4

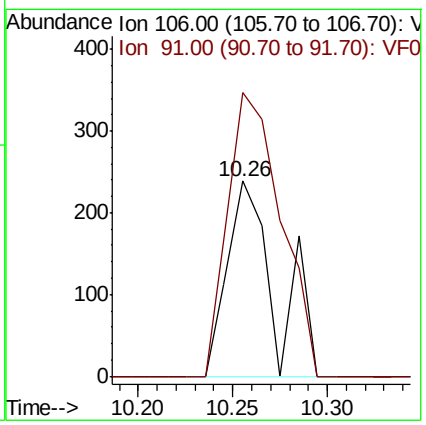


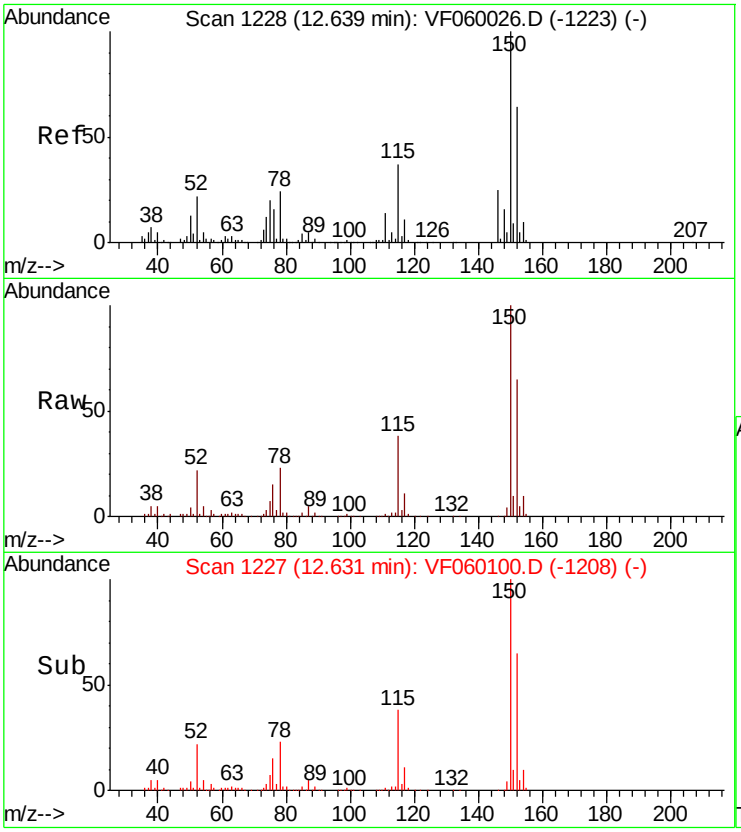


#68
m/p-Xylenes
Concen: Below Cal
RT: 10.26 min Scan# 986
Delta R.T. -0.02 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Tgt Ion:106 Resp: 418

Ion	Ratio	Lower	Upper
106	100		
91	145.2	171.8	257.8#



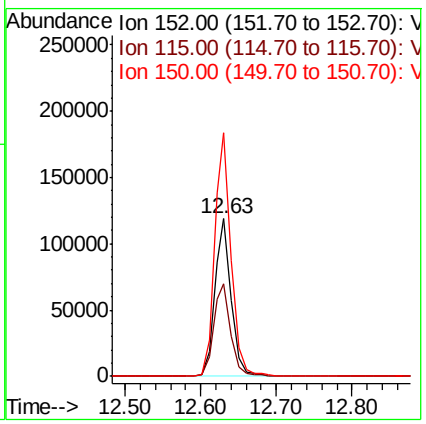


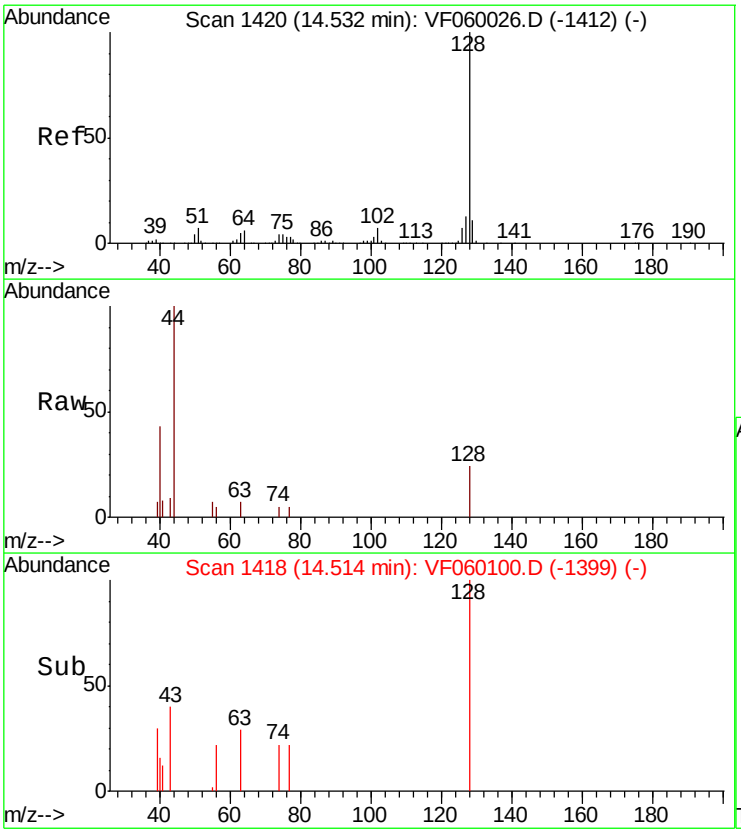
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Instrument : MSVOA_F
ClientSampleId : EP1-Q3-FD-01

Tgt Ion:152 Resp: 180308

Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.6	85.9
150	154.4	0.0	312.0





#95
Naphthalene
Concen: 2.40 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.02 min
Lab File: VF060100.D
Acq: 24 Aug 2018 15:20

Tgt Ion:128 Resp: 781

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