Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF062818\
Data File : VF059365.D
Acq On : 28 Jun 2018 17:24
Operator : VA/AP
Sample : J3242-11
Misc : 5.65g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-02-062618-F

Quant Time: Jun 29 03:11:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	274255	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.76	114	424300	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	397986	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	221451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	140406	39.63	ug/l	0.02
Spiked Amount 50.000			Recovery = 79.26%			
35) Dibromofluoromethane	4.29	113	138104	44.55	ug/l	0.02
Spiked Amount 50.000			Recovery = 89.10%			
50) Toluene-d8	7.70	98	313732	40.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.74%			
62) 4-Bromofluorobenzene	11.51	95	173188	40.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.00%			
Target Compounds						Qvalue
5) Bromomethane	1.48	94	195	Below Cal		97
11) Tert butyl alcohol	2.68	59	780	3.307	ug/l #	66
13) Acrolein	2.11	56	565	Below Cal		95
16) Acetone	2.34	43	49003	47.097	ug/l	96
18) Methyl Acetate	2.45	43	18669	10.760	ug/l #	91
20) Methylene Chloride	2.32	84	3371	Below Cal		95
25) 2-Butanone	4.52	43	2623	Below Cal	#	59
29) Tetrahydrofuran	4.22	42	434	Below Cal	#	36
37) Ethyl Acetate	4.27	43	983	Below Cal	#	19
39) Methylcyclohexane	5.76	83	5251	1.599	ug/l #	47
49) 1,4-Dioxane	6.87	88	66	Below Cal	#	20
59) 2-Hexanone	9.74	43	615	Below Cal		96
87) 1,3-Dichlorobenzene	12.55	146	1038	Below Cal	#	5
95) Naphthalene	14.53	128	17995	1.790	ug/l #	77

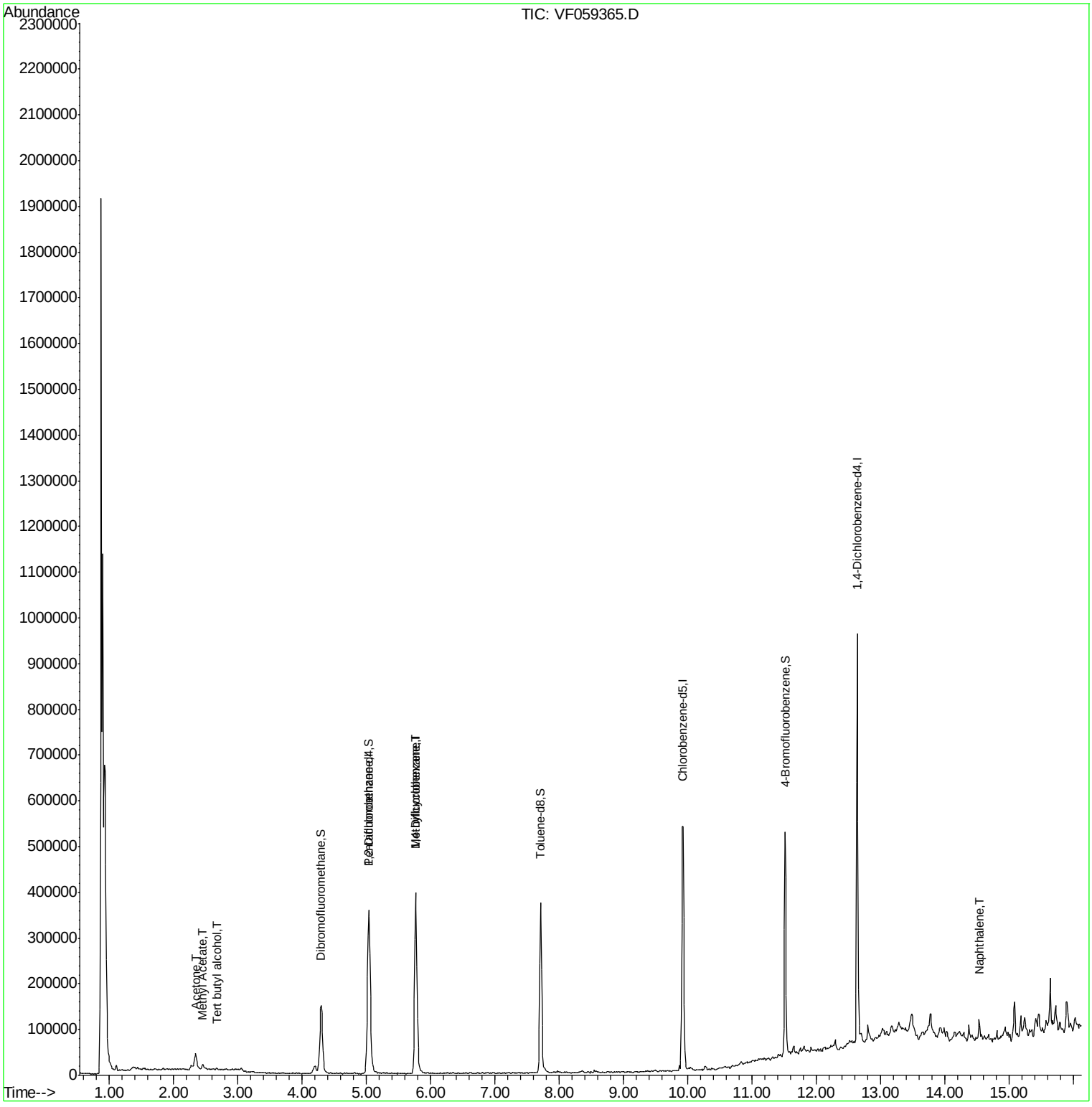
(#) = qualifier out of range (m) = manual integration (+) = signals summed

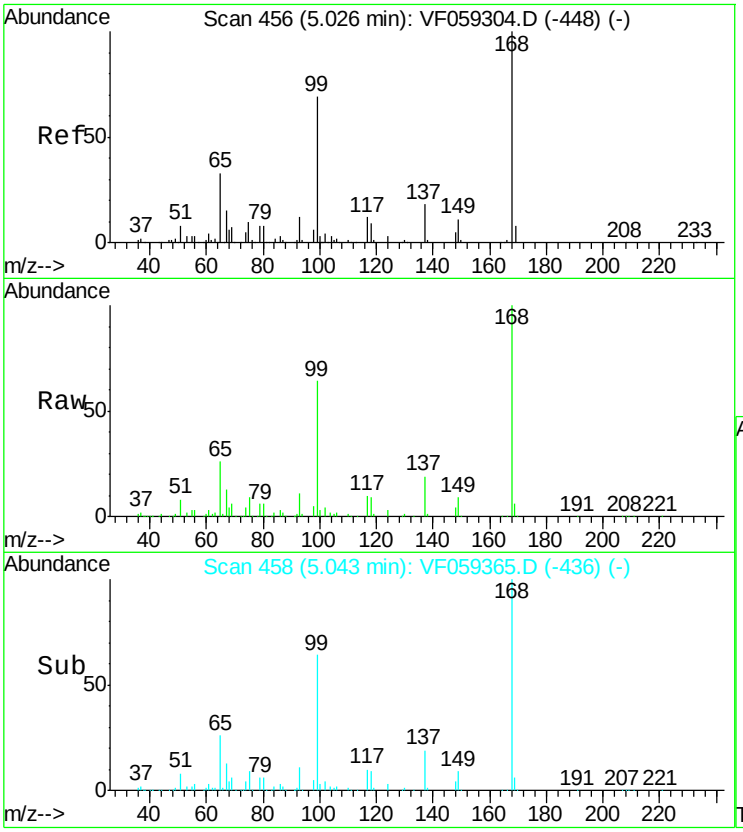
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
Data File : VF059365.D
Acq On : 28 Jun 2018 17:24
Operator : VA/AP
Sample : J3242-11
Misc : 5.65g/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
JC-02-062618-F

Quant Time: Jun 29 03:11:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 26 08:45:17 2018
Response via : Initial Calibration



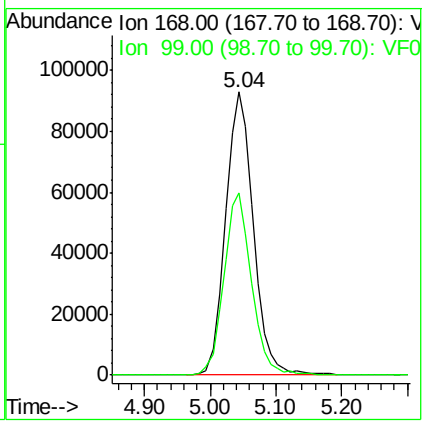


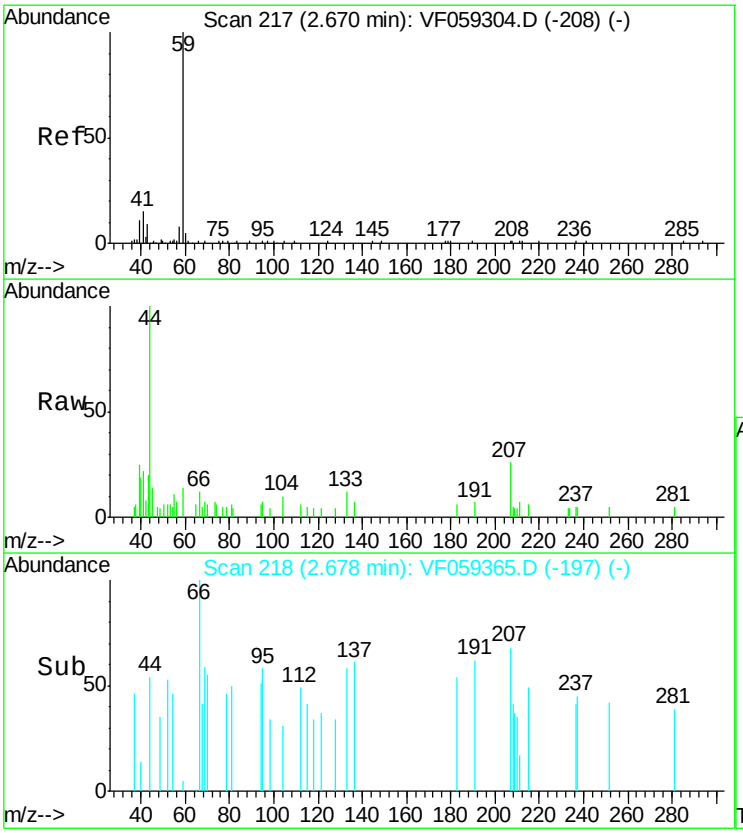
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.02 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Instrument :
MSVOA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion:168 Resp: 274255

Ion	Ratio	Lower	Upper
168	100		
99	64.2	54.9	82.3

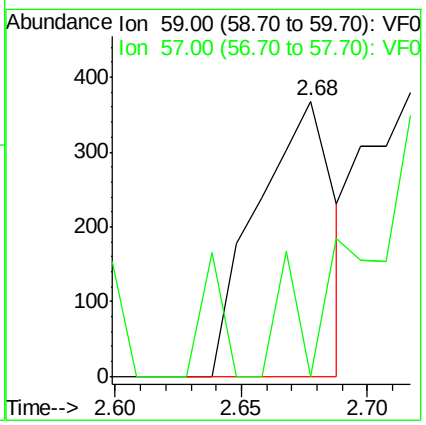


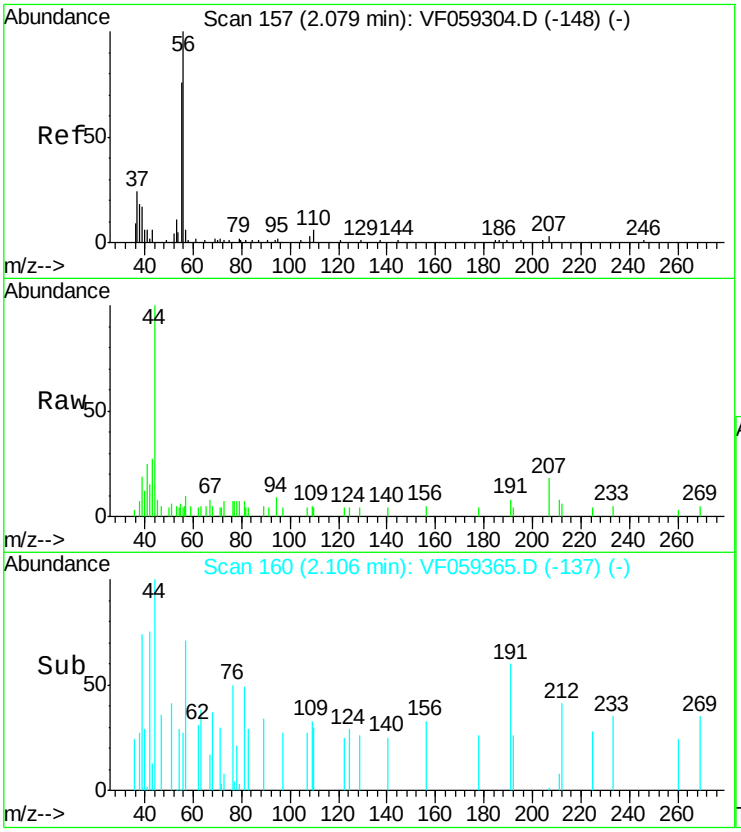


#11
Tert butyl alcohol
Concen: 3.307 ug/l
RT: 2.68 min Scan# 218
Delta R.T. 0.01 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Tgt Ion: 59 Resp: 780

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.0	16.4#



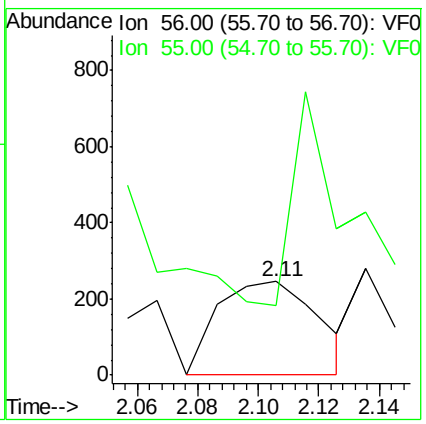


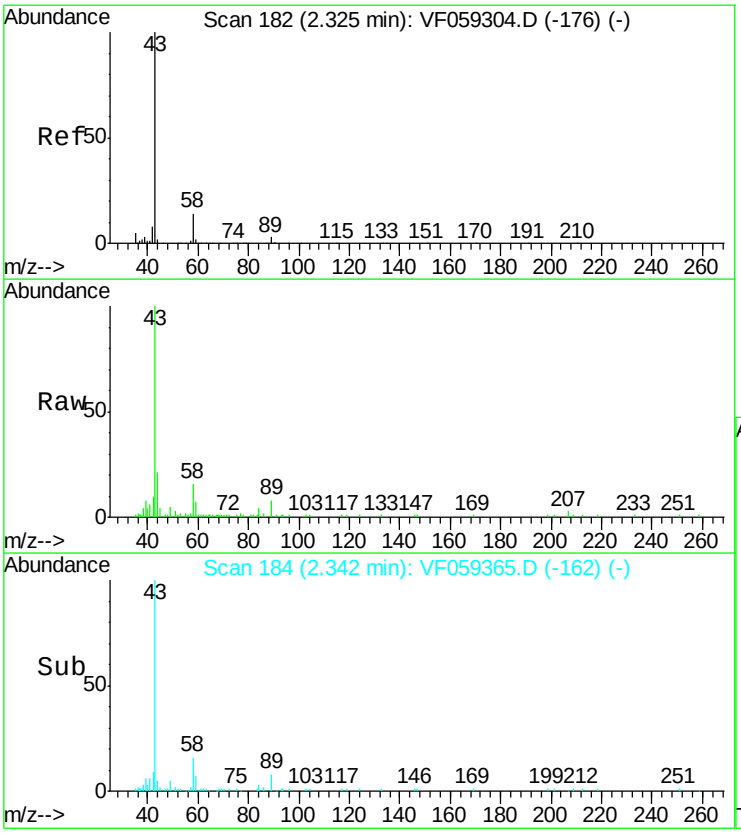
#13
Acrolein
Concen: Below Cal
RT: 2.11 min Scan# 160
Delta R.T. 0.03 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Instrument :
MSVOA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion: 56 Resp: 565

Ion	Ratio	Lower	Upper
56	100		
55	74.0	62.4	93.6

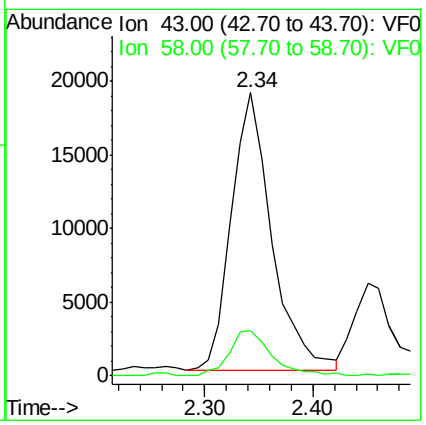


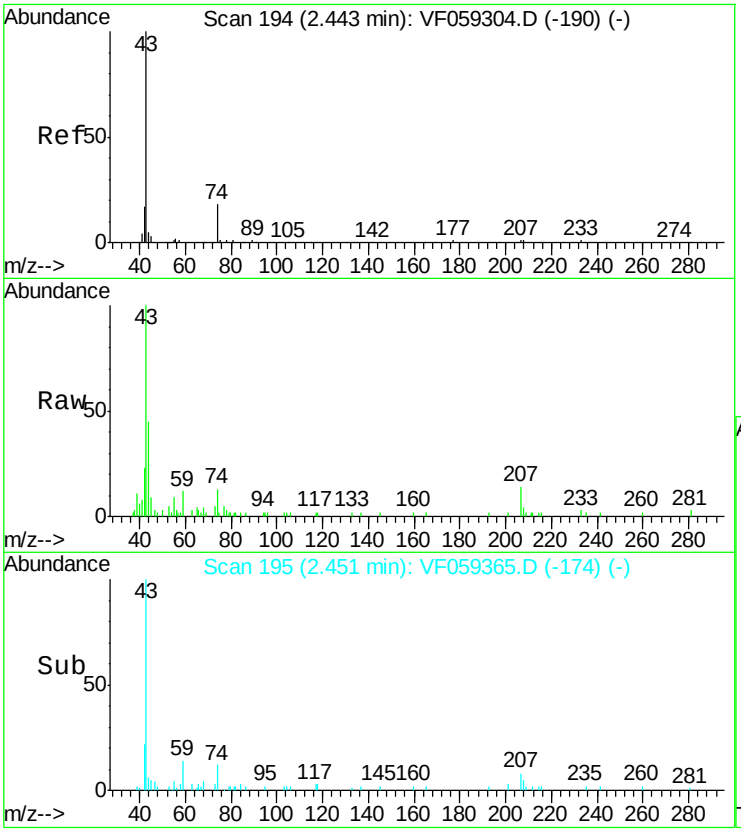


#16
Acetone
Concen: 47.097 ug/l
RT: 2.34 min Scan# 184
Delta R.T. 0.02 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Tgt Ion: 43 Resp: 49003

Ion	Ratio	Lower	Upper
43	100		
58	16.0	11.4	17.0



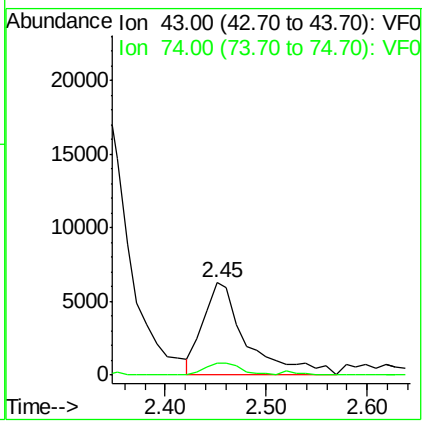


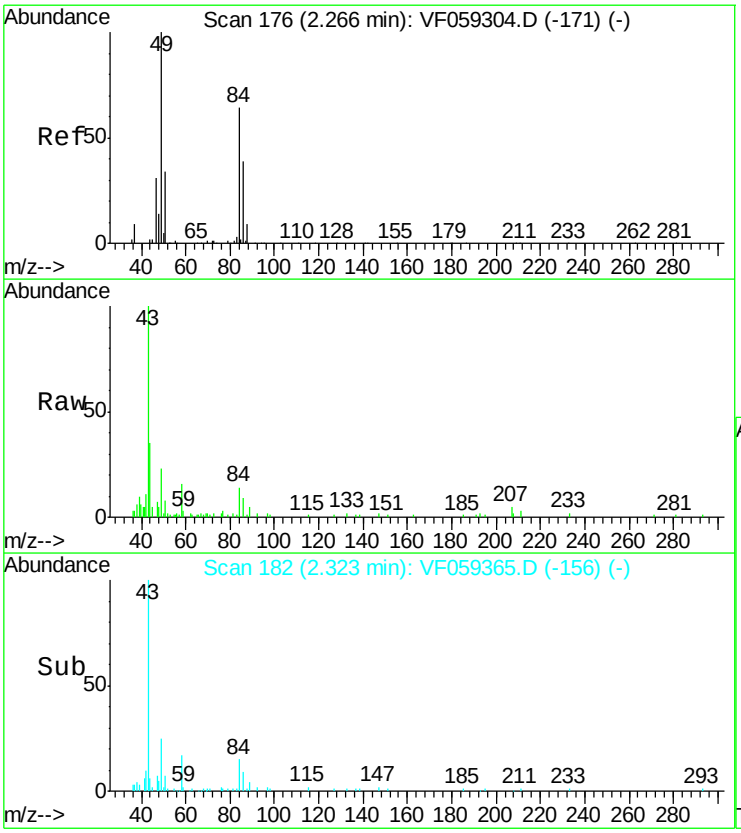
#18
Methyl Acetate
Concen: 10.760 ug/l
RT: 2.45 min Scan# 195
Delta R.T. 0.01 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Instrument : MSVOA_F
ClientSampleId : JC-02-062618-F

Tgt Ion: 43 Resp: 18669

Ion	Ratio	Lower	Upper
43	100		
74	12.5	13.3	19.9#

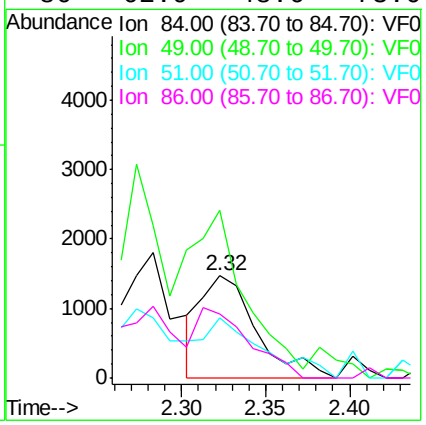


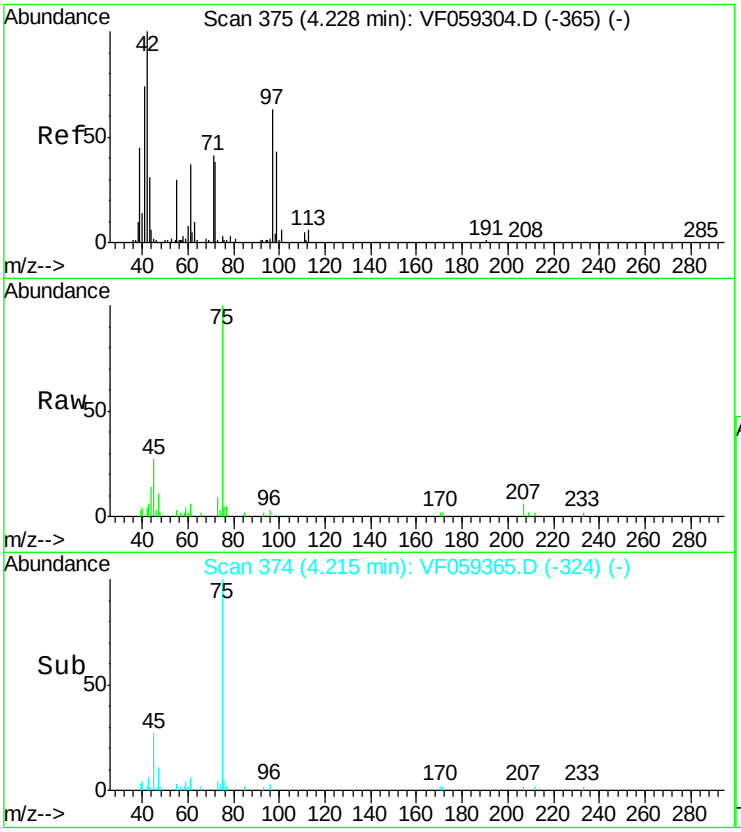


#20
Methylene Chloride
Concen: Below Cal
RT: 2.32 min Scan# 182
Delta R.T. 0.06 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Tgt Ion: 84 Resp: 3371

Ion	Ratio	Lower	Upper
84	100		
49	164.5	126.5	189.7
51	59.1	42.9	64.3
86	62.9	48.6	73.0



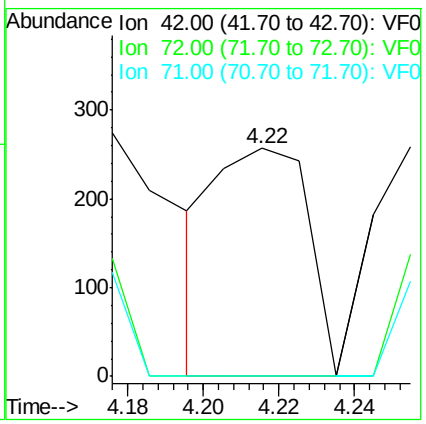


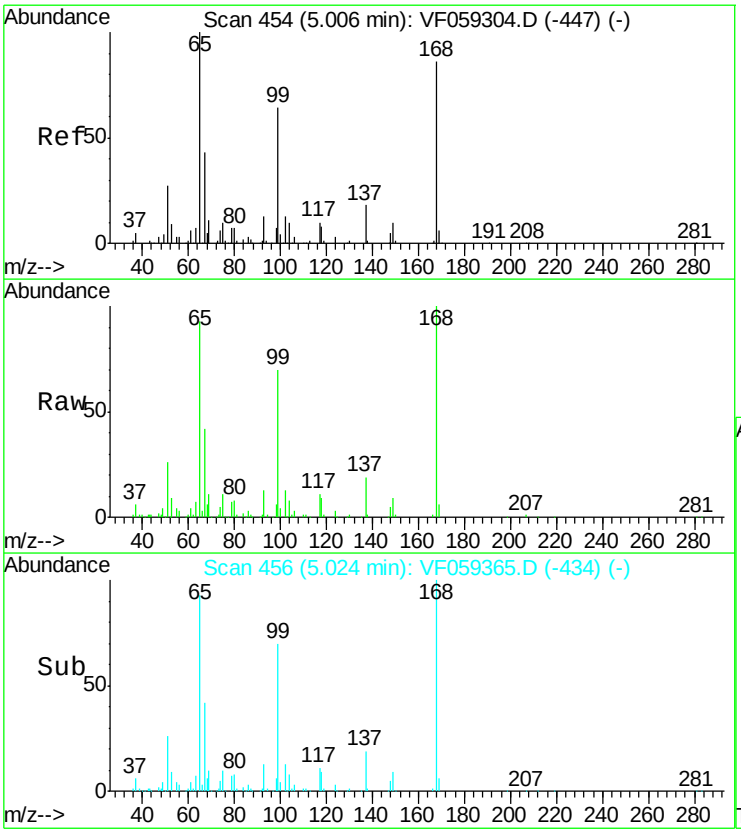
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.22 min Scan# 374
Delta R.T. -0.01 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Instrument :
MSVOA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion: 42 Resp: 434

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.5	45.7#
71	0.0	32.5	48.7#

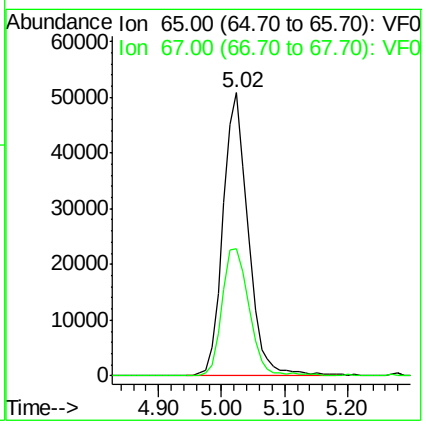


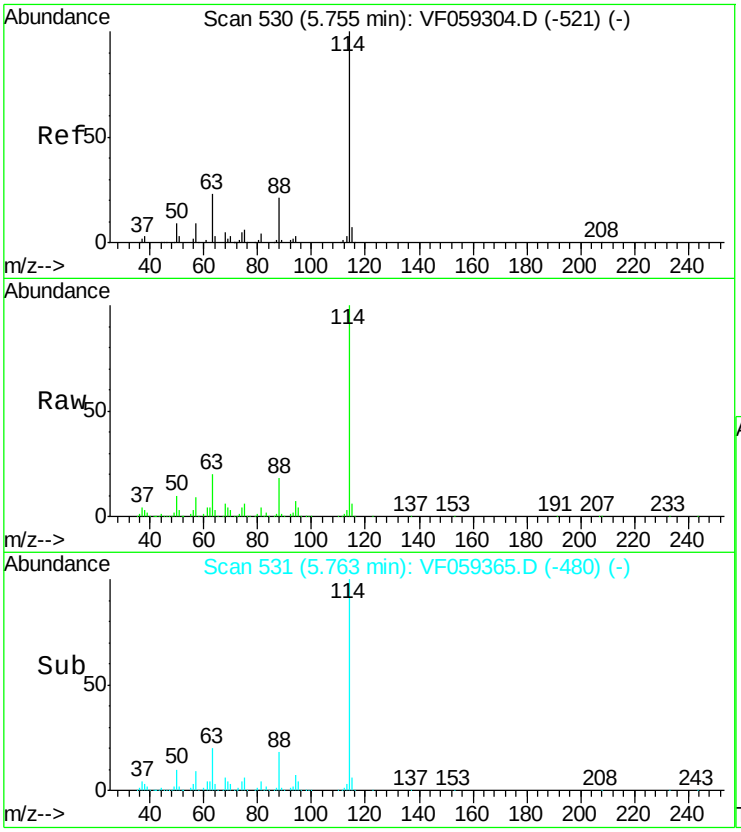


#33
1,2-Dichloroethane-d4
Concen: 39.625 ug/l
RT: 5.02 min Scan# 456
Delta R.T. 0.02 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Tgt Ion: 65 Resp: 140406

Ion	Ratio	Lower	Upper
65	100		
67	44.9	0.0	96.8



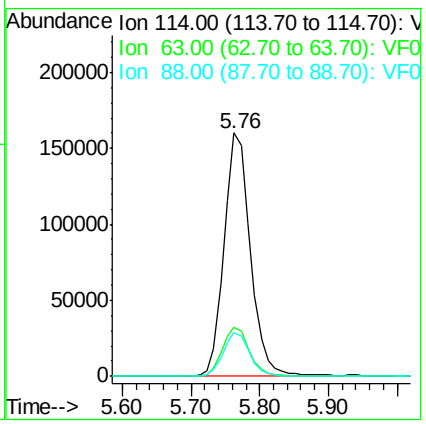


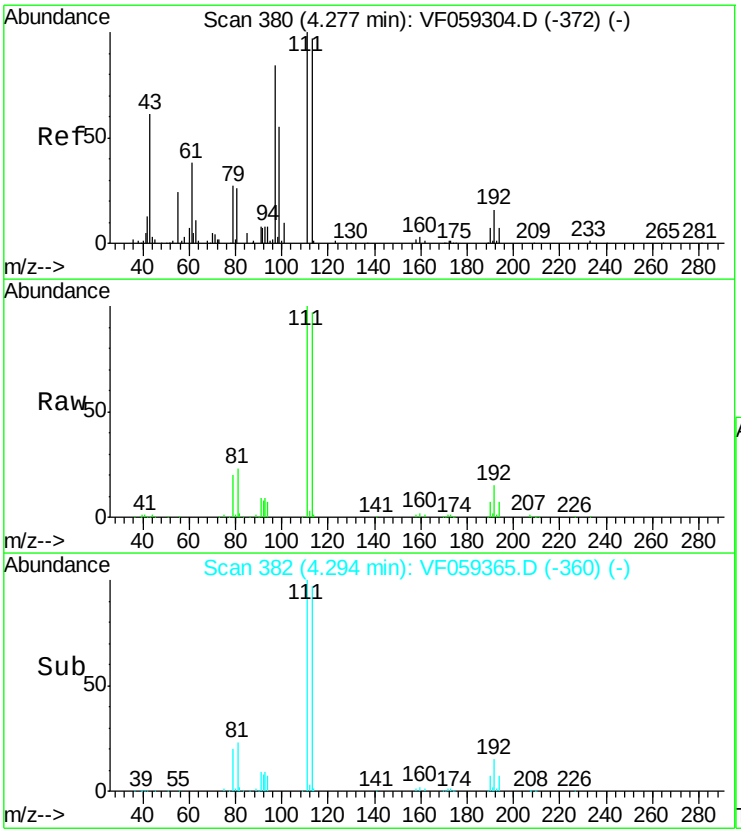
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 531
Delta R.T. 0.01 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Instrument :
MSVOA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion:114 Resp: 424300

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	45.8
88	17.9	0.0	41.2

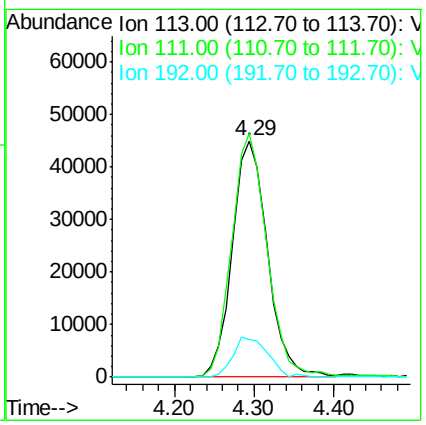


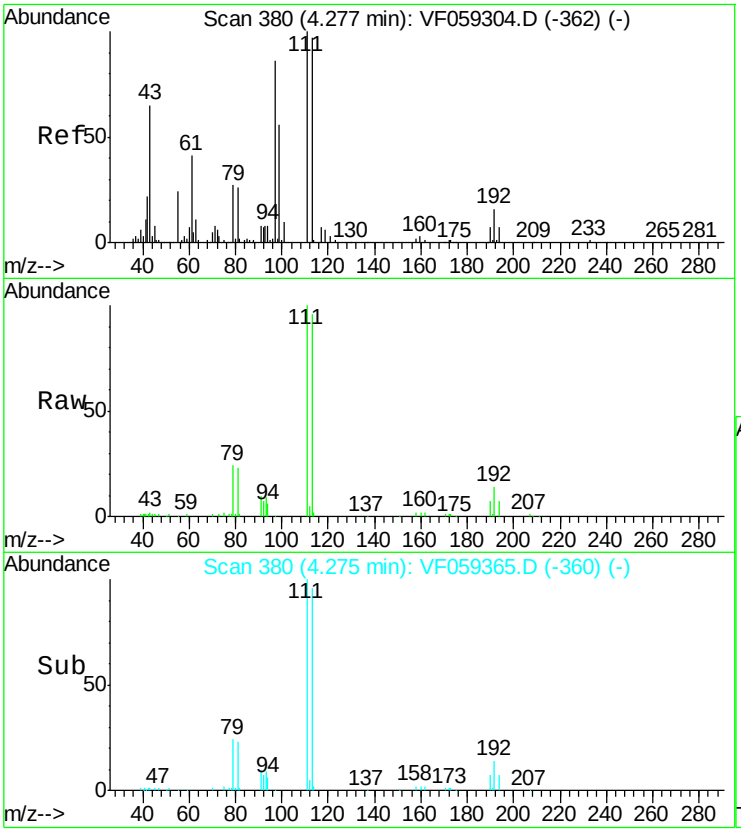


#35
Dibromofluoromethane
Concen: 44.546 ug/l
RT: 4.29 min Scan# 382
Delta R.T. 0.02 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Tgt Ion:113 Resp: 138104

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.1	123.1
192	15.9	13.0	19.6



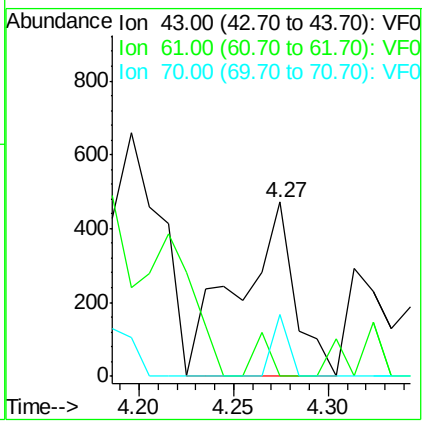


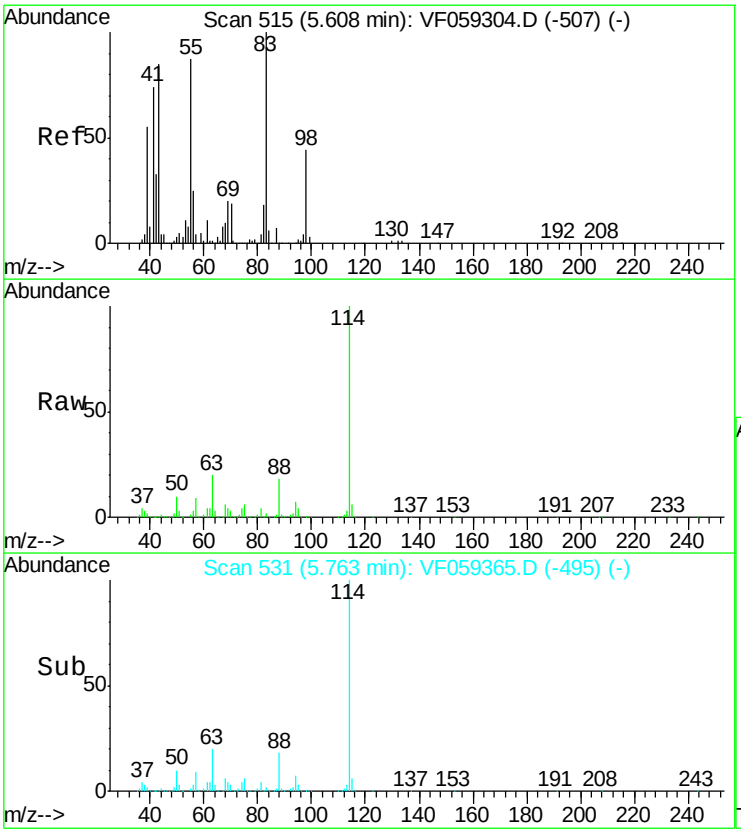
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 380
Delta R.T. -0.00 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Instrument : MSVOA_F
ClientSampleId : JC-02-062618-F

Tgt Ion: 43 Resp: 983

Ion	Ratio	Lower	Upper
43	100		
61	0.0	50.1	75.1#
70	35.5	6.2	9.4#

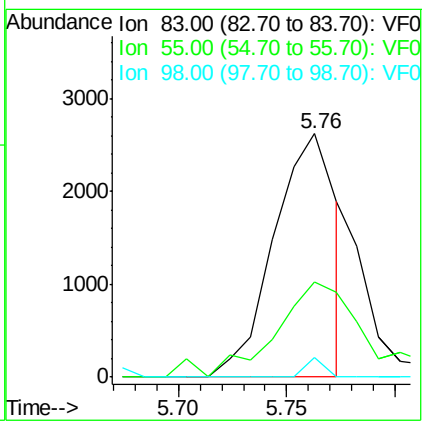


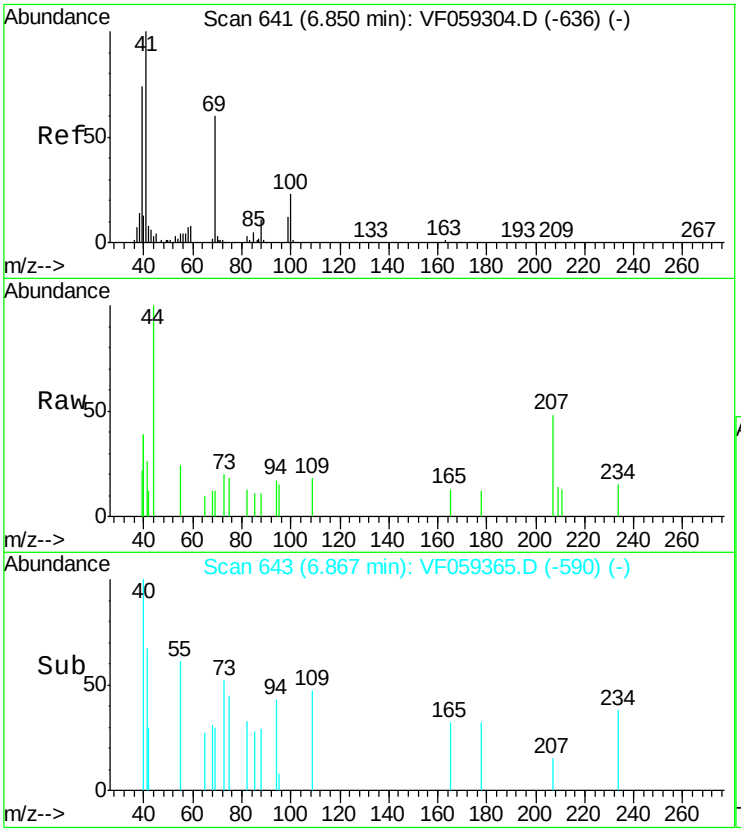


#39
Methylcyclohexane
Concen: 1.599 ug/l
RT: 5.76 min Scan# 531
Delta R.T. 0.16 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Tgt Ion: 83 Resp: 5251

Ion	Ratio	Lower	Upper
83	100		
55	39.0	69.2	103.8#
98	8.2	35.0	52.6#



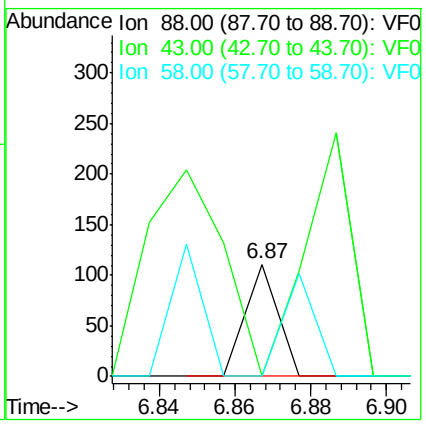


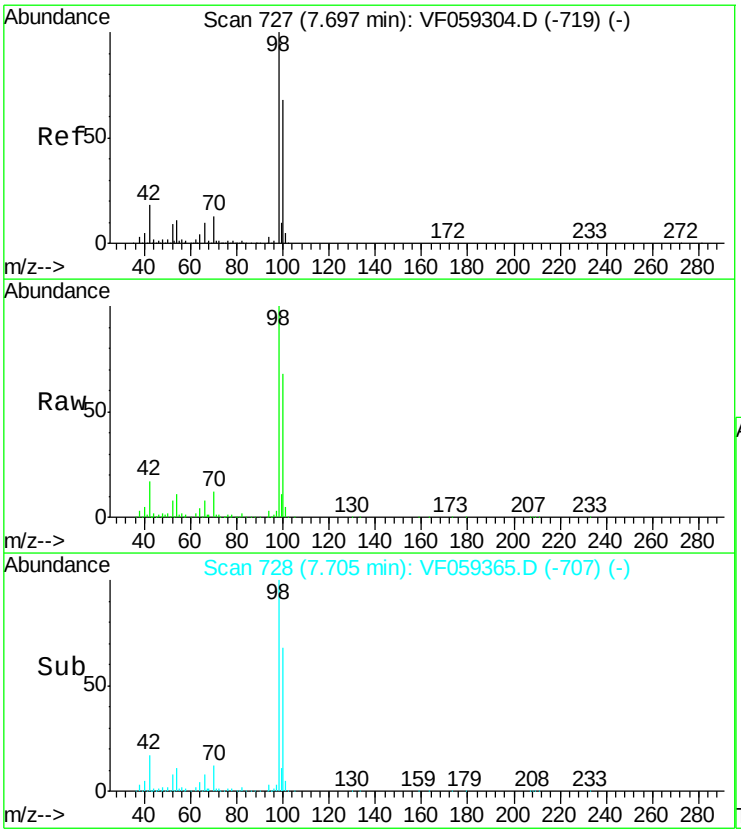
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.87 min Scan# 643
Delta R.T. 0.02 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Instrument : MSVOA_F
ClientSampleId : JC-02-062618-F

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
43	0.0	50.6	75.8#
58	0.0	46.6	69.8#

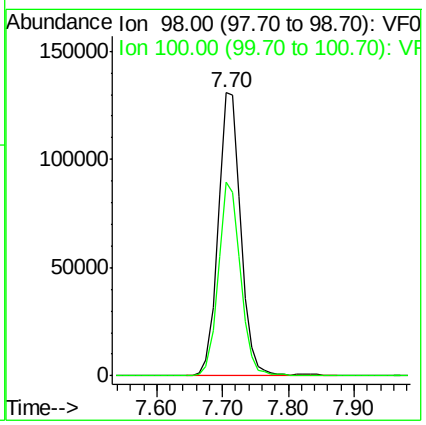


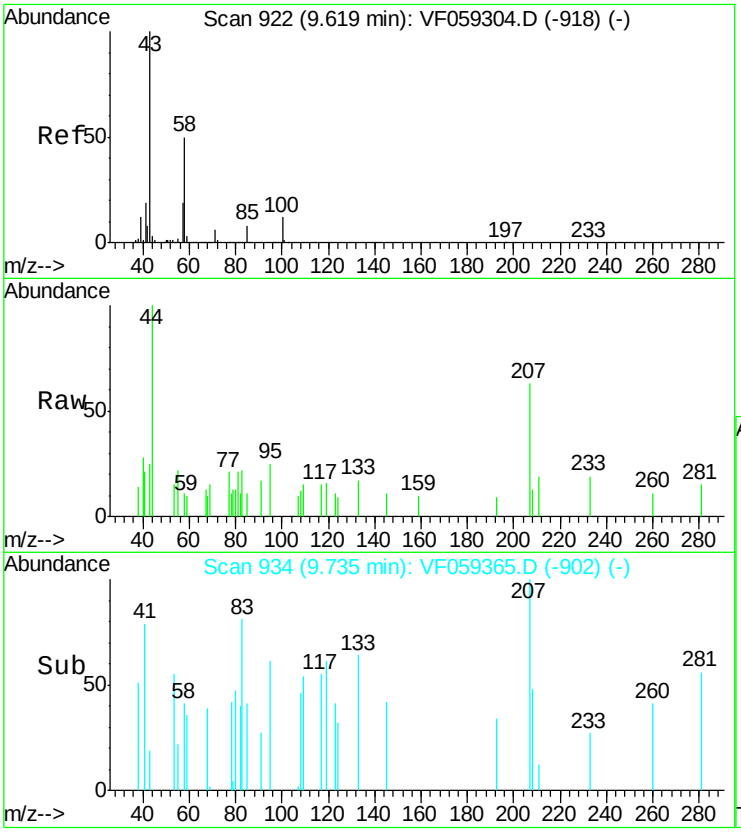


#50
Toluene-d8
Concen: 40.873 ug/l
RT: 7.70 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Tgt Ion: 98 Resp: 313732

Ion	Ratio	Lower	Upper
98	100		
100	68.5	54.6	82.0



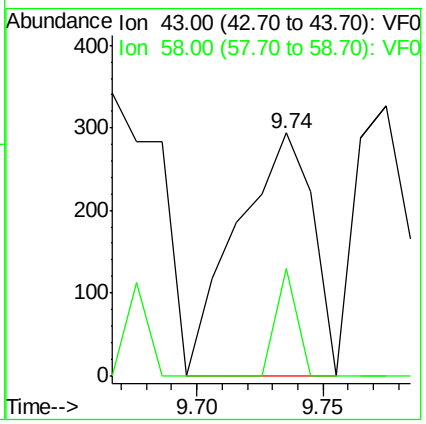


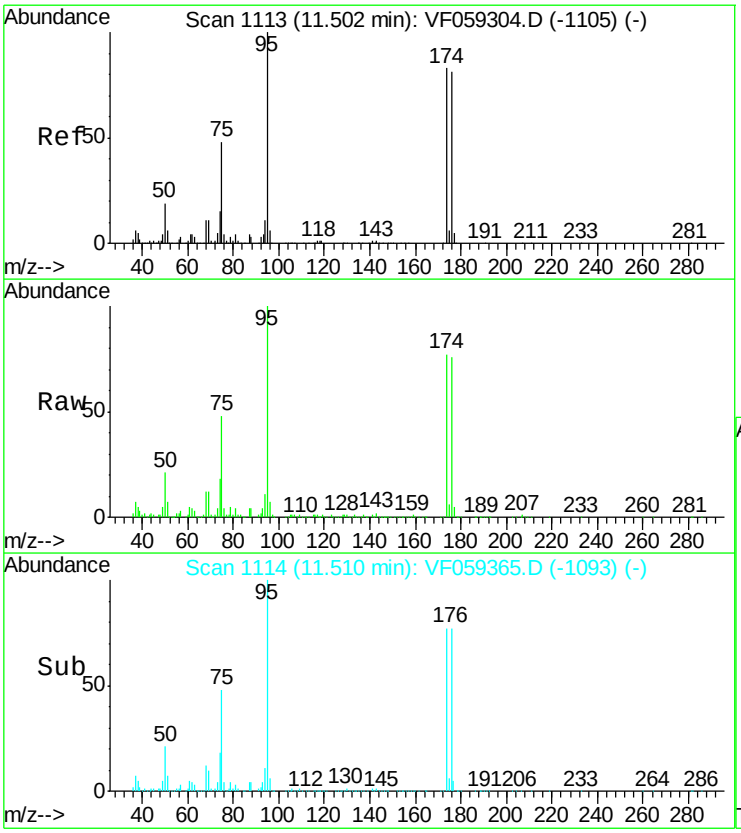
#59
2-Hexanone
Concen: Below Cal
RT: 9.74 min Scan# 934
Delta R.T. 0.12 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Instrument : MSVOA_F
ClientSampleId : JC-02-062618-F

Tgt Ion: 43 Resp: 615

Ion	Ratio	Lower	Upper
43	100		
58	43.9	23.3	69.9

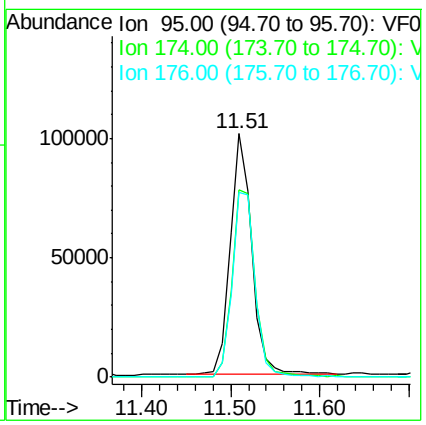


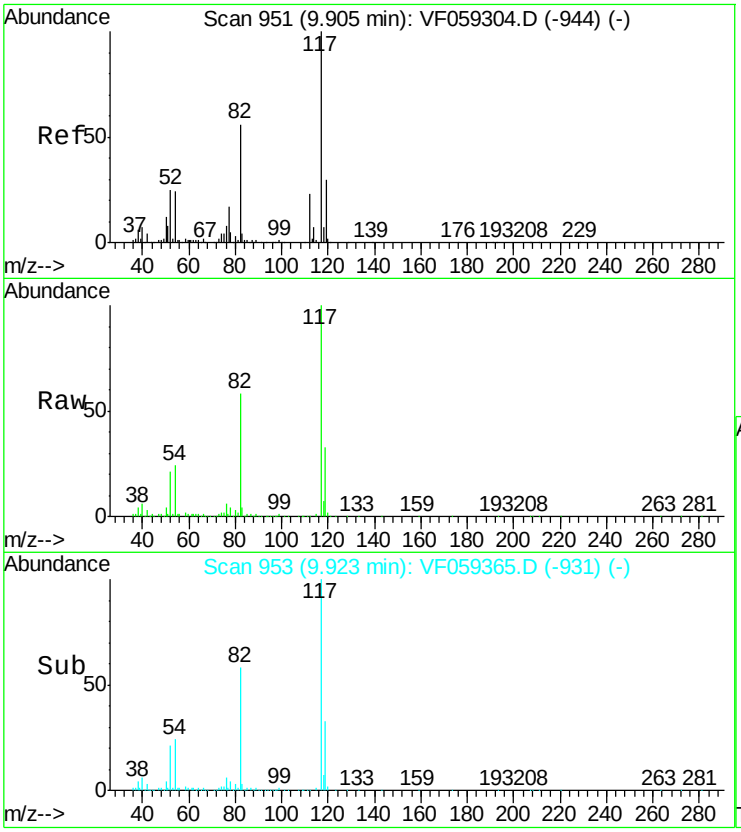


#62
4-Bromofluorobenzene
Concen: 39.998 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Tgt Ion: 95 Resp: 173188

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	165.2
176	75.8	0.0	161.0



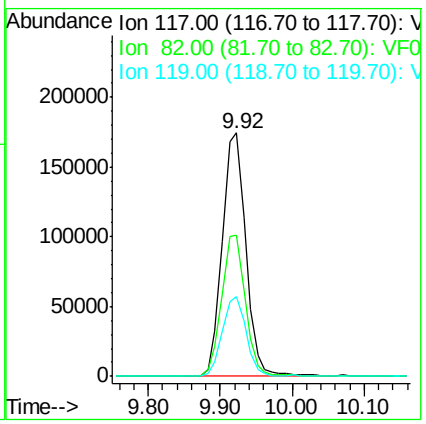


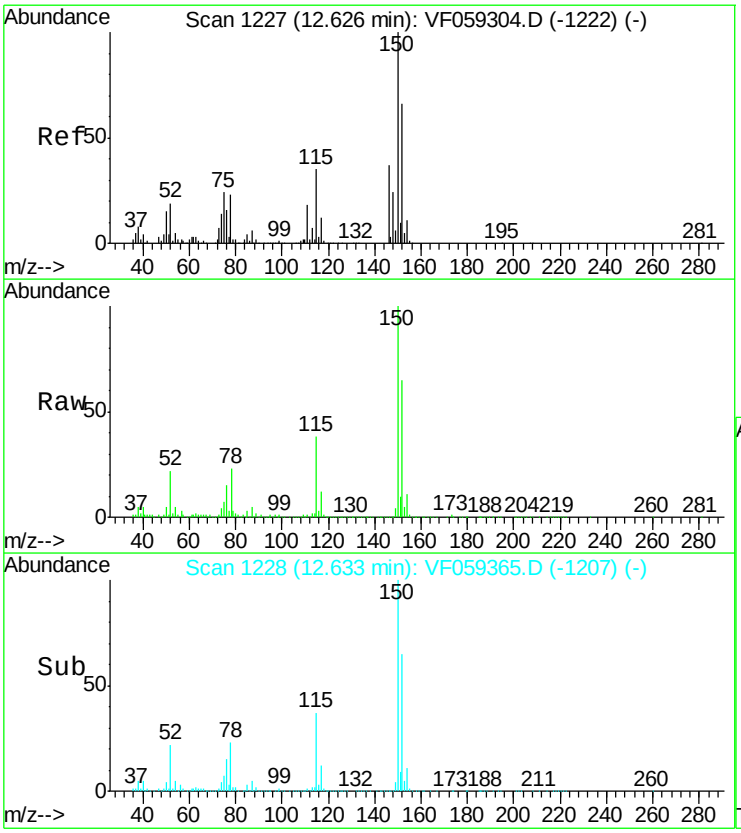
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Instrument :
MSVOA_F
ClientSampleId :
JC-02-062618-F

Tgt Ion:117 Resp: 397986

Ion	Ratio	Lower	Upper
117	100		
82	58.2	44.6	66.8
119	32.8	24.1	36.1

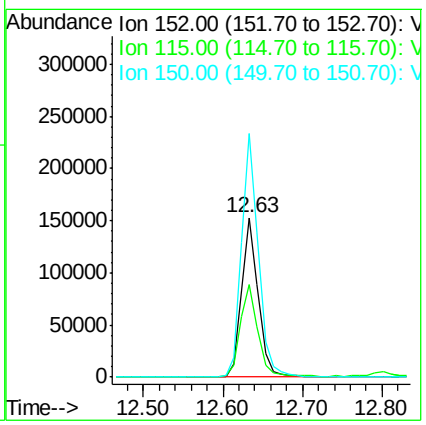


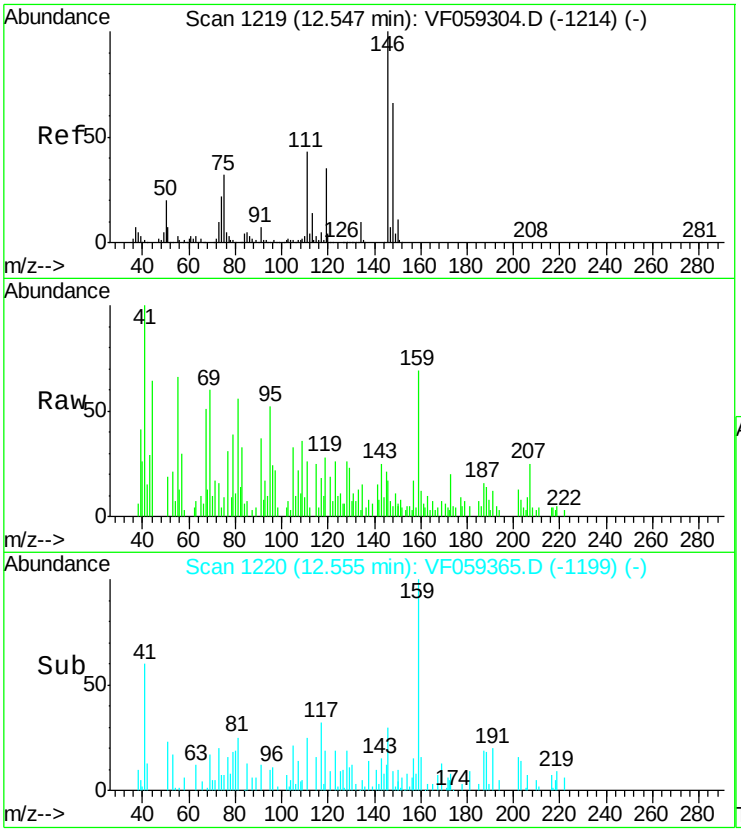


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Tgt Ion:152 Resp: 221451

Ion	Ratio	Lower	Upper
152	100		
115	57.7	27.1	81.3
150	152.8	0.0	305.2



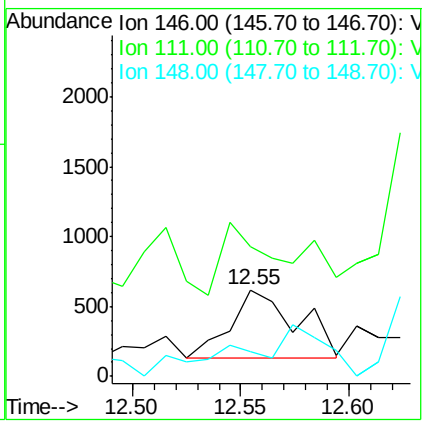


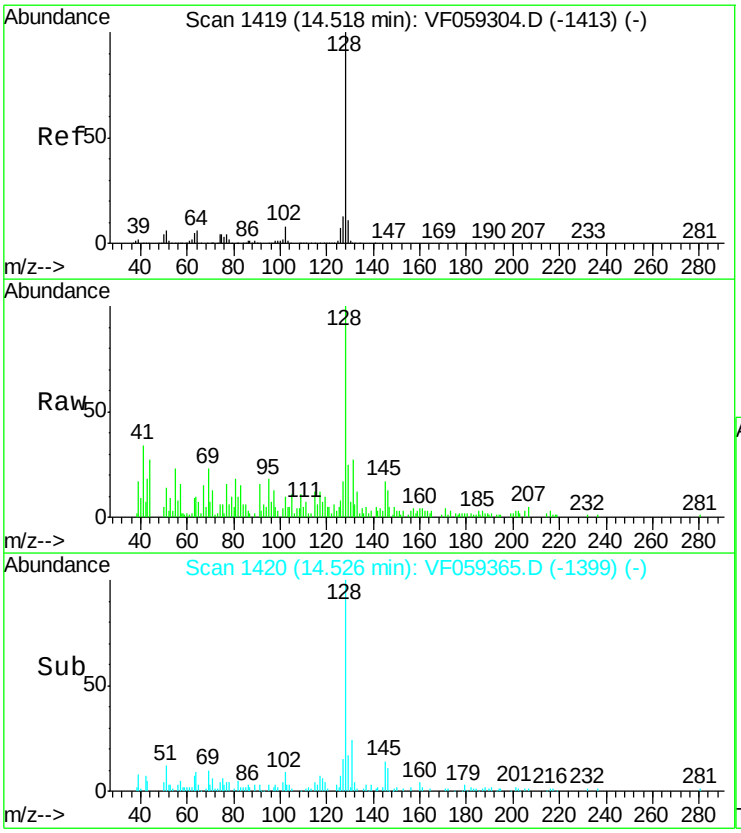
#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.55 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Instrument : MSVOA_F
ClientSampleId : JC-02-062618-F

Tgt Ion:146 Resp: 1038

Ion	Ratio	Lower	Upper
146	100		
111	149.4	21.4	64.2#
148	28.0	32.8	98.4#





#95
Naphthalene
Concen: 1.790 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. 0.01 min
Lab File: VF059365.D
Acq: 28 Jun 2018 17:24

Tgt Ion:128 Resp: 17995

Ion	Ratio	Lower	Upper
128	100		
127	17.0	10.1	15.1#
129	24.7	8.8	13.2#