Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF062818\
Data File : VF059368.D
Acq On : 28 Jun 2018 18:48
Operator : VA/AP
Sample : J3242-13
Misc : 5.70g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 29 11:30:43 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	266632	50.00	ug/l		0.02
34) 1,4-Difluorobenzene	5.76	114	415383	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.91	117	395867	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	215525	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.01	65	148255	43.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 86.08%				
35) Dibromofluoromethane	4.29	113	23838	7.85	ug/l		0.02
Spiked Amount 50.000			Recovery = 15.70%				
50) Toluene-d8	7.71	98	292176	38.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 77.76%				
62) 4-Bromofluorobenzene	11.51	95	172056	40.59	ug/l		0.00
Spiked Amount 50.000			Recovery = 81.18%				
Target Compounds							Qvalue
5) Bromomethane	1.32	94	354	Below Cal		#	4
8) Diethyl Ether	1.70	74	1005	1.23	ug/l		55
13) Acrolein	2.07	56	387	Below Cal			94
16) Acetone	2.32	43	15887	8.62	ug/l		94
18) Methyl Acetate	2.49	43	11081	6.11	ug/l	#	73
20) Methylene Chloride	2.27	84	6233	Below Cal		#	83
25) 2-Butanone	4.51	43	2386	Below Cal		#	59
28) Bromochloromethane	3.86	49	72	Below Cal		#	6
29) Tetrahydrofuran	4.27	42	585	Below Cal		#	69
37) Ethyl Acetate	4.30	43	504	Below Cal		#	26
39) Methylcyclohexane	5.75	83	4128	1.28	ug/l	#	39
49) 1,4-Dioxane	6.87	88	69	Below Cal		#	1
51) 4-Methyl-2-Pentanone	8.41	43	4605	2.06	ug/l		91
59) 2-Hexanone	9.62	43	1074	Below Cal			67
87) 1,3-Dichlorobenzene	12.56	146	409	Below Cal		#	40

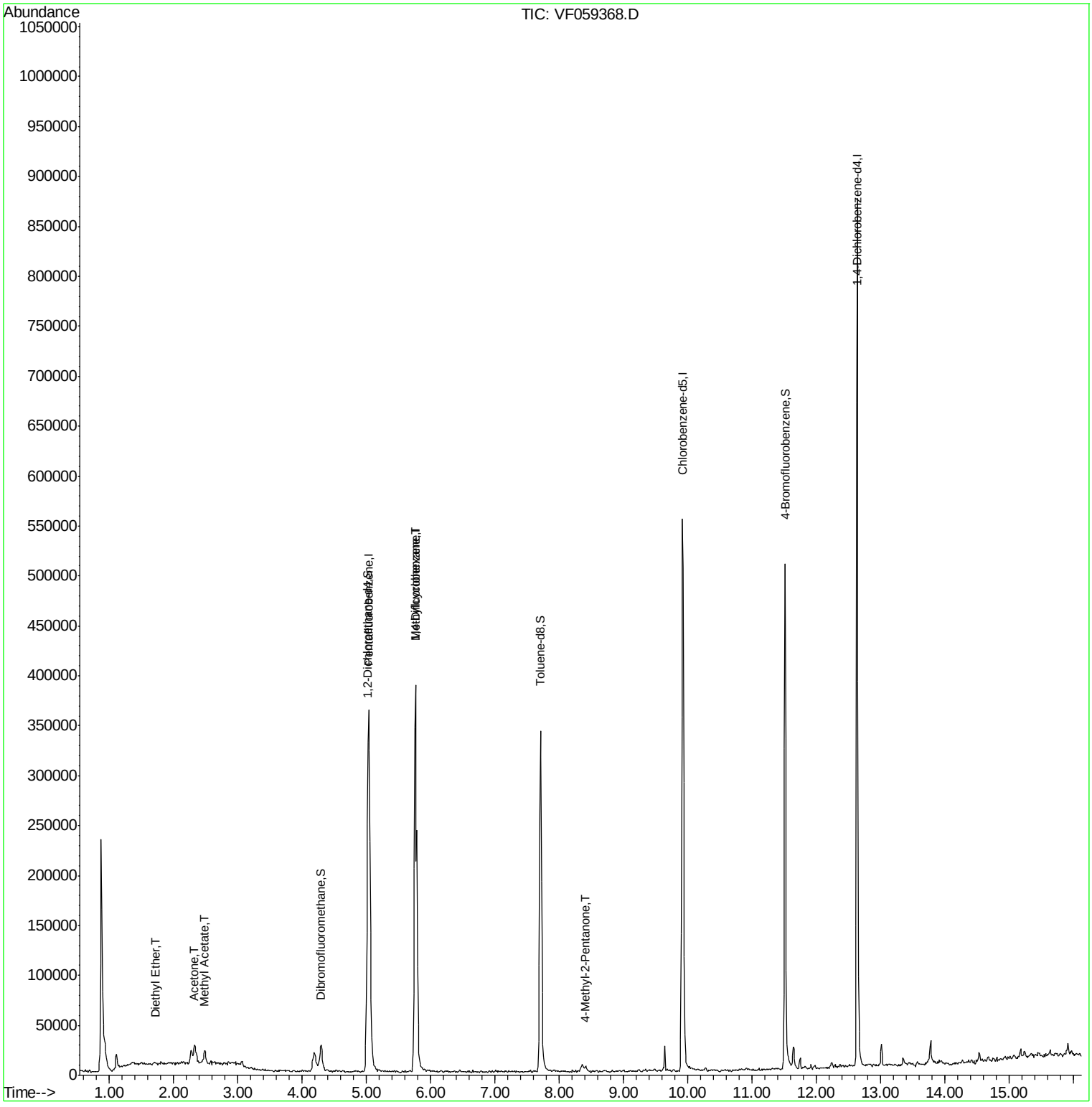
(#) = qualifier out of range (m) = manual integration (+) = signals summed

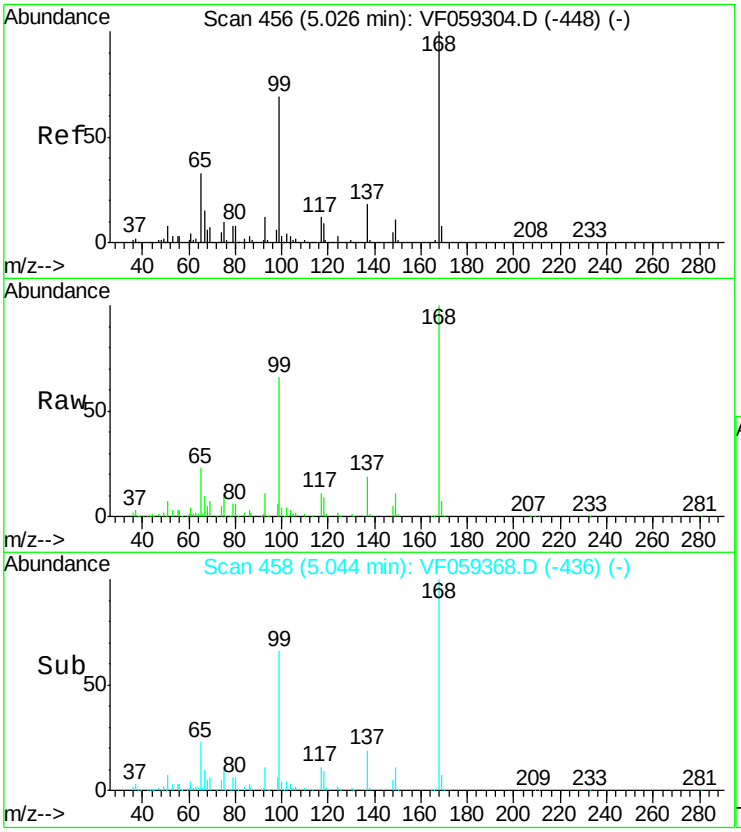
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
Data File : VF059368.D
Acq On : 28 Jun 2018 18:48
Operator : VA/AP
Sample : J3242-13
Misc : 5.70g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 29 11:30:43 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



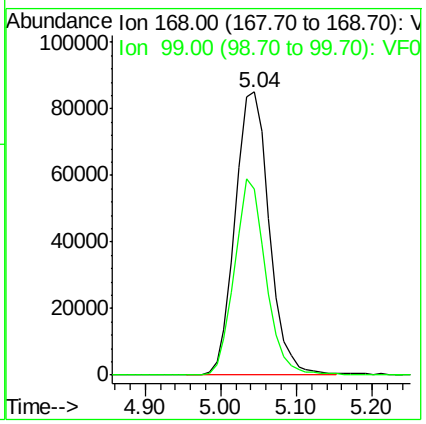


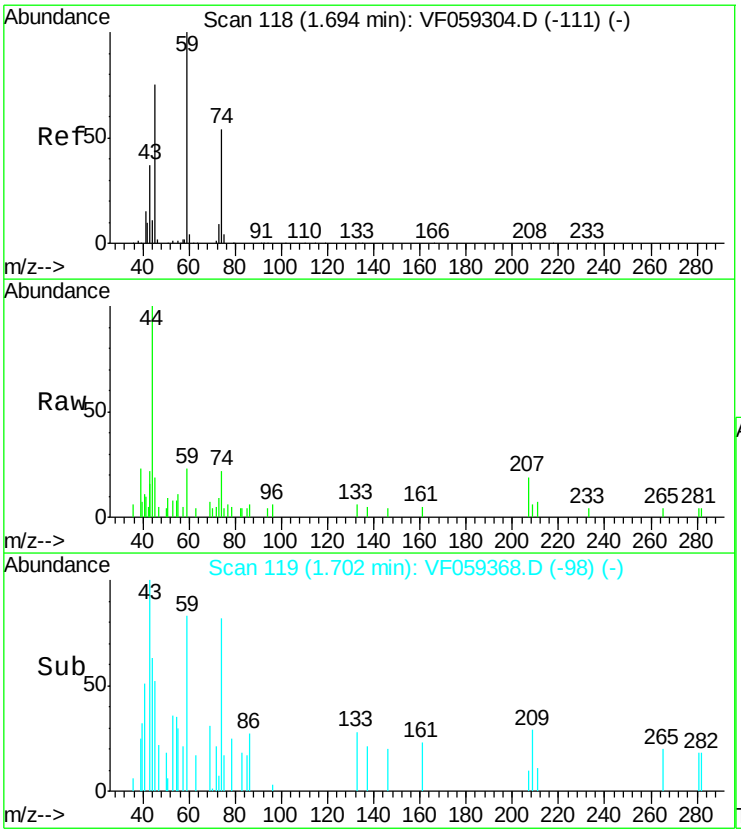
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.02 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

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

Tgt Ion:168 Resp: 266632

Ion	Ratio	Lower	Upper
168	100		
99	65.6	54.9	82.3

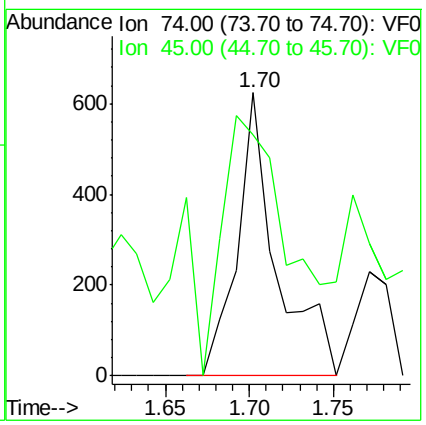


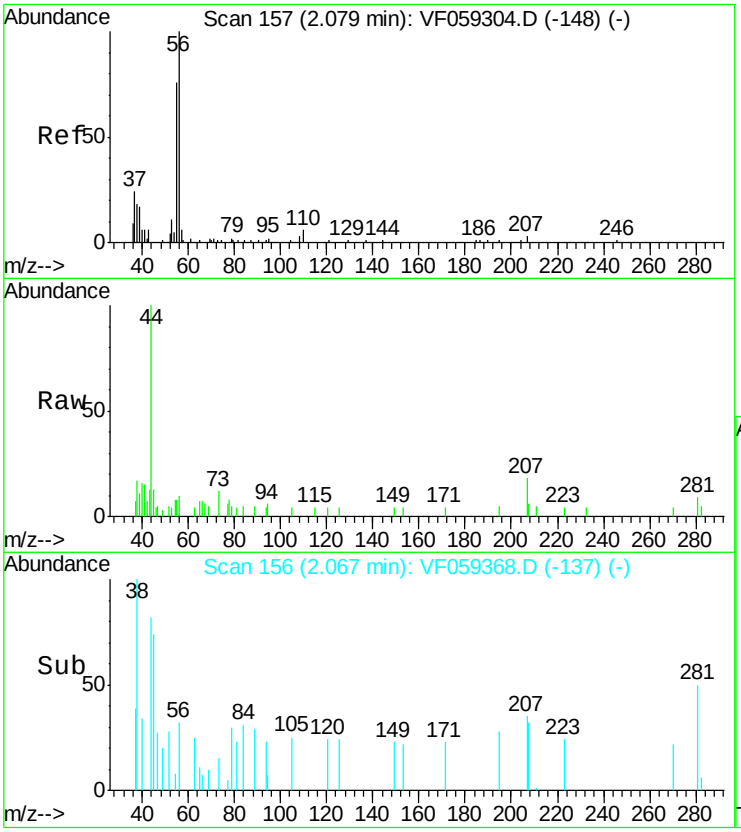


#8
Diethyl Ether
Concen: 1.23 ug/l
RT: 1.70 min Scan# 119
Delta R.T. 0.01 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

Tgt Ion: 74 Resp: 1005

Ion	Ratio	Lower	Upper
74	100		
45	85.4	70.0	210.0



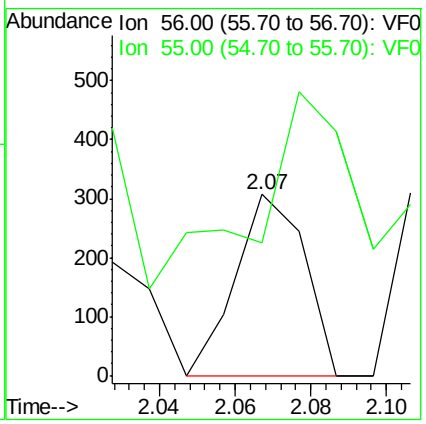


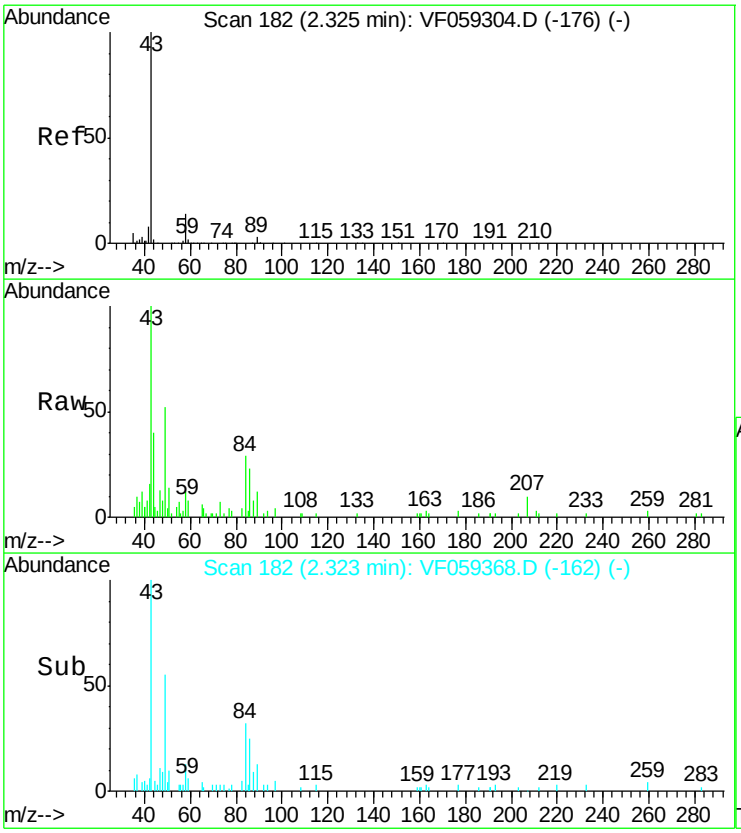
#13
Acrolein
Concen: Below Cal
RT: 2.07 min Scan# 156
Delta R.T. -0.01 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

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

Tgt Ion: 56 Resp: 387

Ion	Ratio	Lower	Upper
56	100		
55	73.0	62.4	93.6

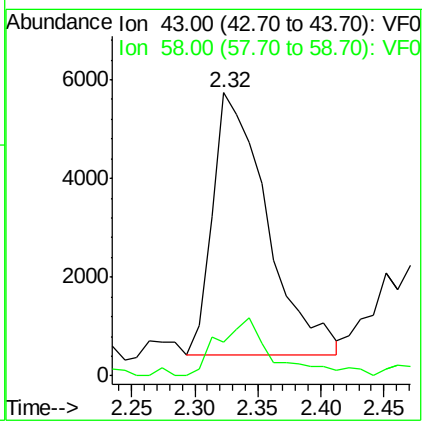


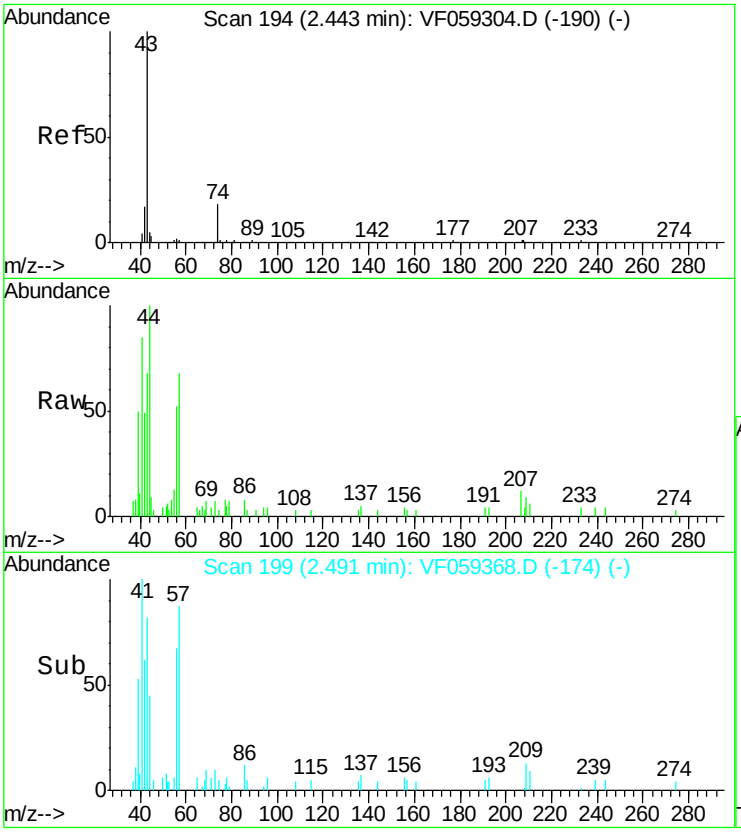


#16
Acetone
Concen: 8.62 ug/l
RT: 2.32 min Scan# 182
Delta R.T. -0.00 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

Tgt Ion: 43 Resp: 15887

Ion	Ratio	Lower	Upper
43	100		
58	11.7	11.4	17.0



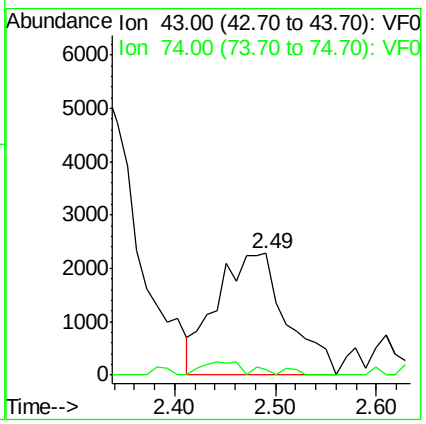


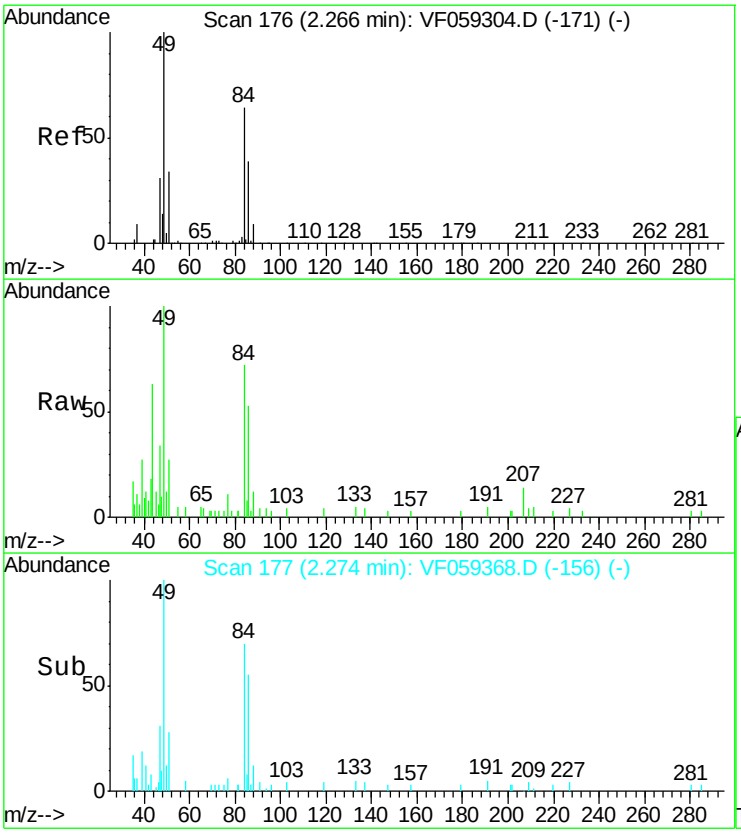
#18
Methyl Acetate
Concen: 6.11 ug/l
RT: 2.49 min Scan# 199
Delta R.T. 0.05 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

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

Tgt Ion: 43 Resp: 11081

Ion	Ratio	Lower	Upper
43	100		
74	4.9	13.3	19.9#

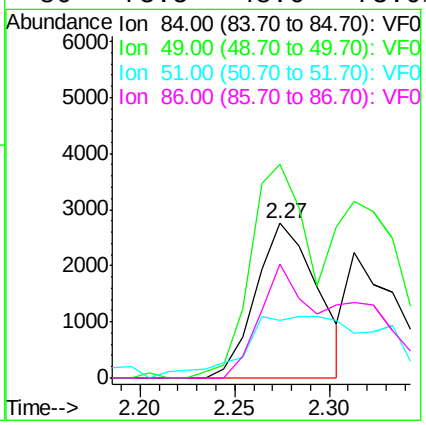


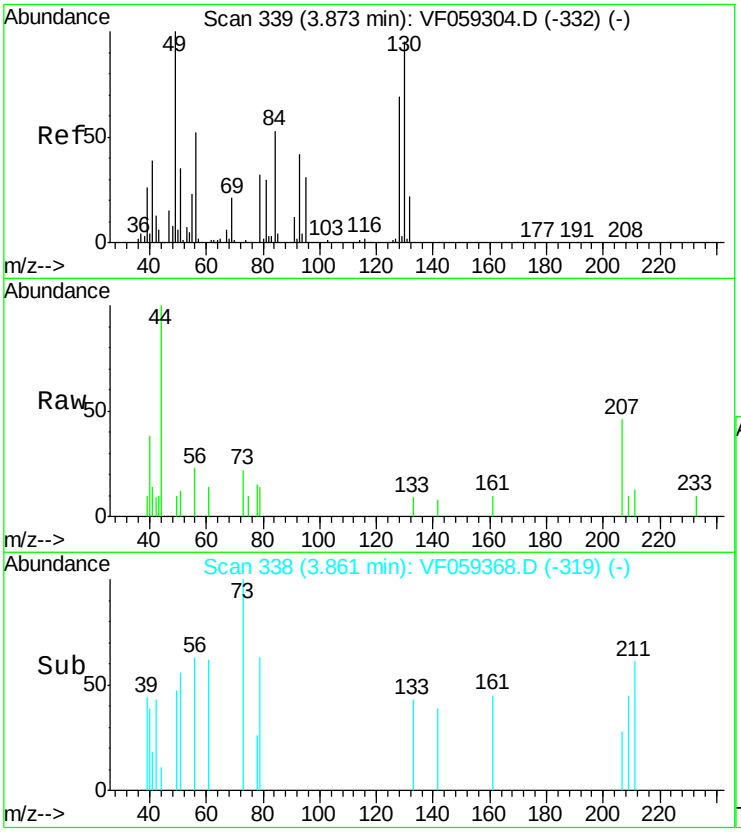


#20
Methylene Chloride
Concen: Below Cal
RT: 2.27 min Scan# 177
Delta R.T. 0.01 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

Tgt Ion: 84 Resp: 6233

Ion	Ratio	Lower	Upper
84	100		
49	137.9	126.5	189.7
51	37.6	42.9	64.3#
86	73.5	48.6	73.0#



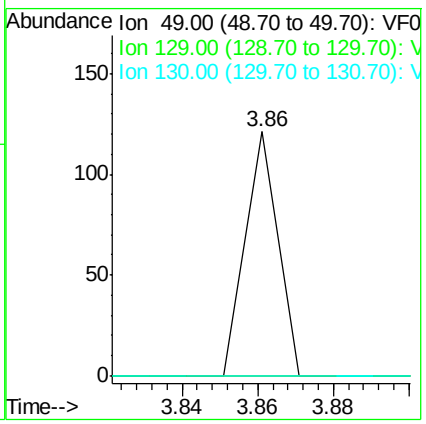


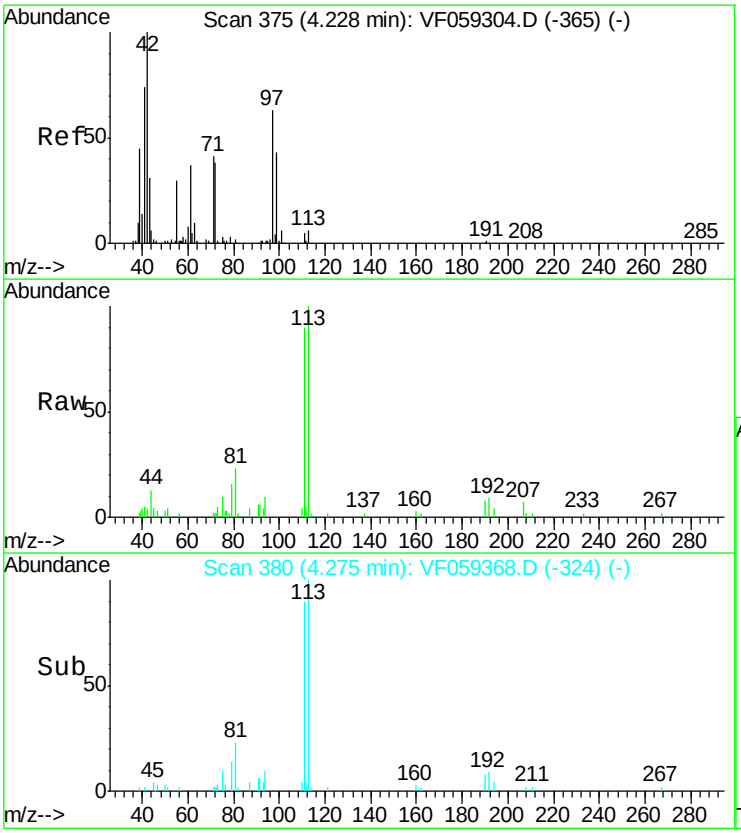
#28
Bromochloromethane
Concen: Below Cal
RT: 3.86 min Scan# 338
Delta R.T. -0.01 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

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

Tgt Ion: 49 Resp: 72

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.4
130	0.0	75.1	112.7#

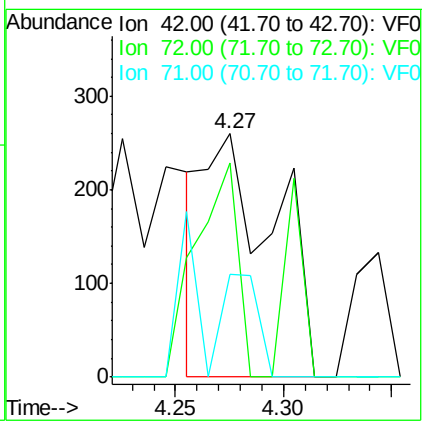


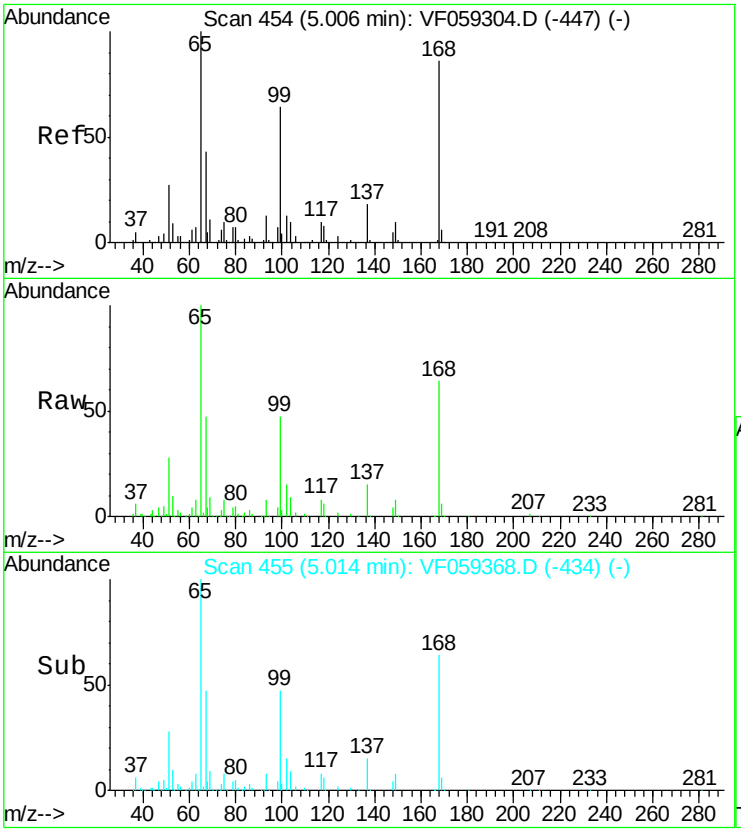


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.27 min Scan# 380
Delta R.T. 0.05 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

Tgt Ion: 42 Resp: 585

Ion	Ratio	Lower	Upper
42	100		
72	52.8	30.5	45.7#
71	17.9	32.5	48.7#



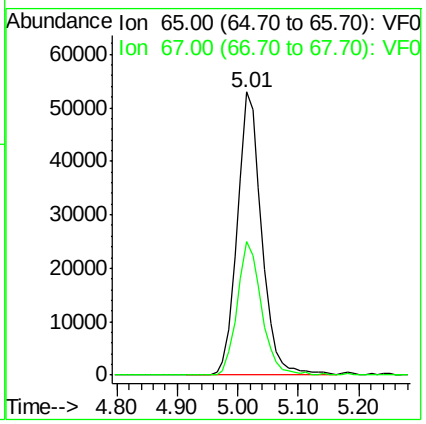


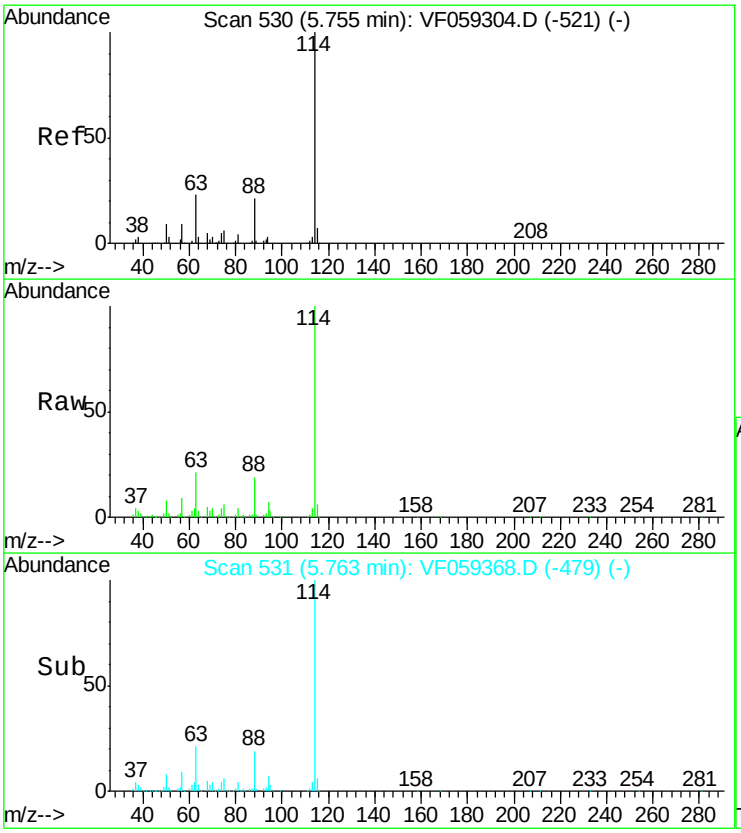
#33
1,2-Dichloroethane-d4
Concen: 43.04 ug/l
RT: 5.01 min Scan# 455
Delta R.T. 0.01 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

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

Tgt Ion: 65 Resp: 148255

Ion	Ratio	Lower	Upper
65	100		
67	47.1	0.0	96.8

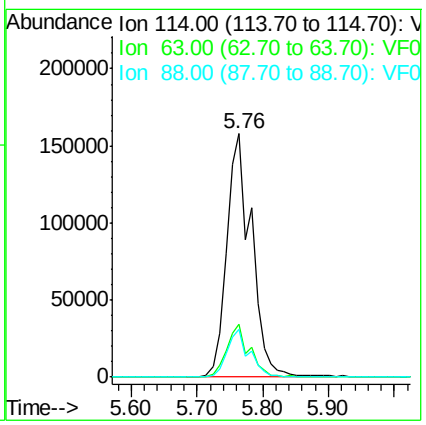


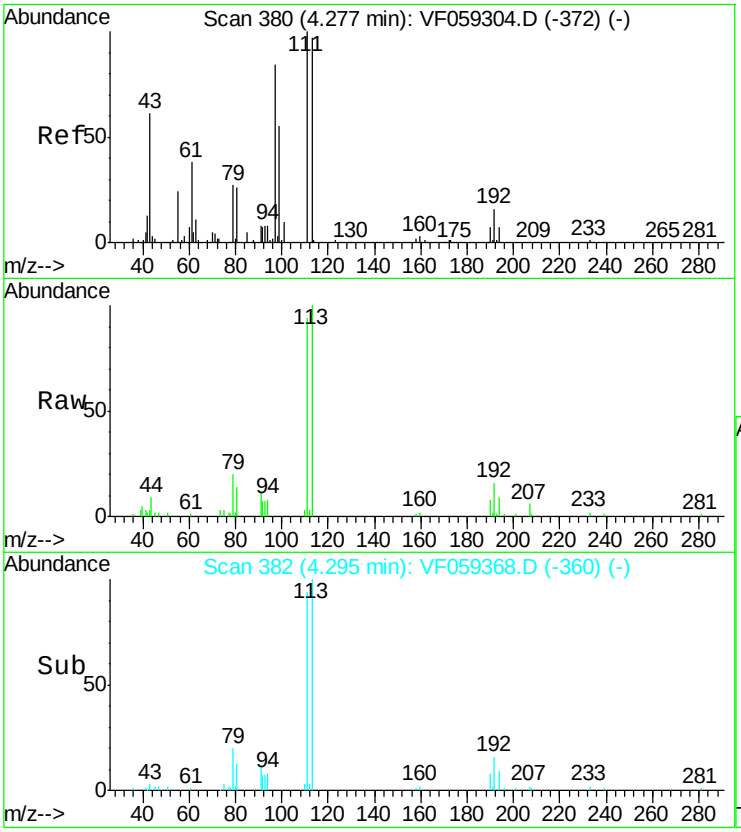


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.76 min Scan# 531
Delta R.T. 0.01 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

Tgt Ion:114 Resp: 415383

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	45.8
88	19.4	0.0	41.2



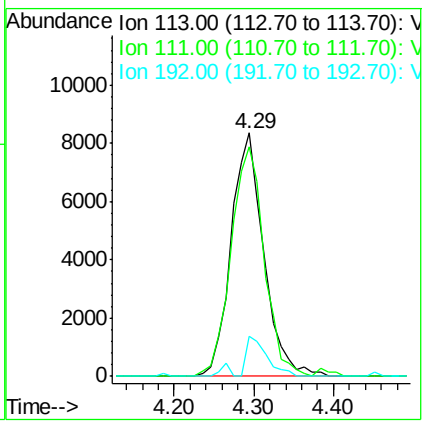


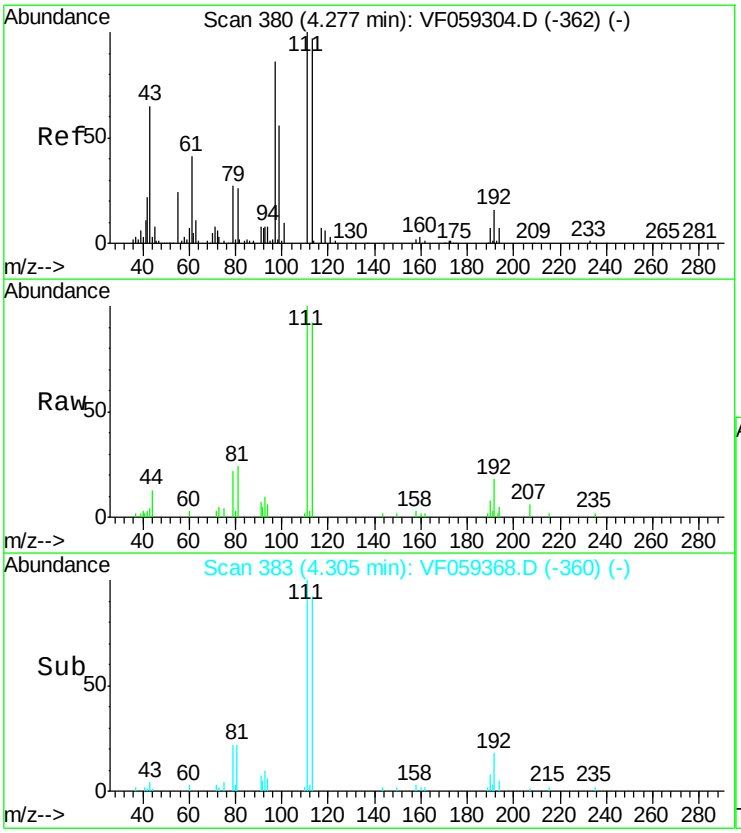
#35
Dibromofluoromethane
Concen: 7.85 ug/l
RT: 4.29 min Scan# 382
Delta R.T. 0.02 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

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

Tgt Ion:113 Resp: 23838

Ion	Ratio	Lower	Upper
113	100		
111	94.2	82.1	123.1
192	16.2	13.0	19.6

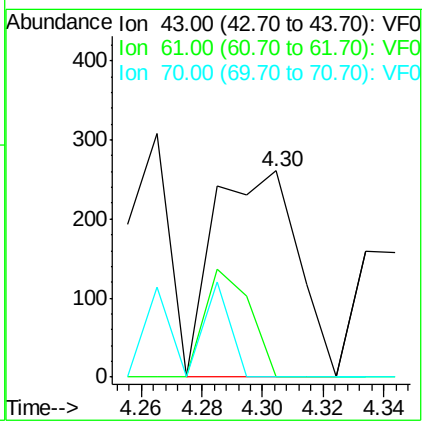


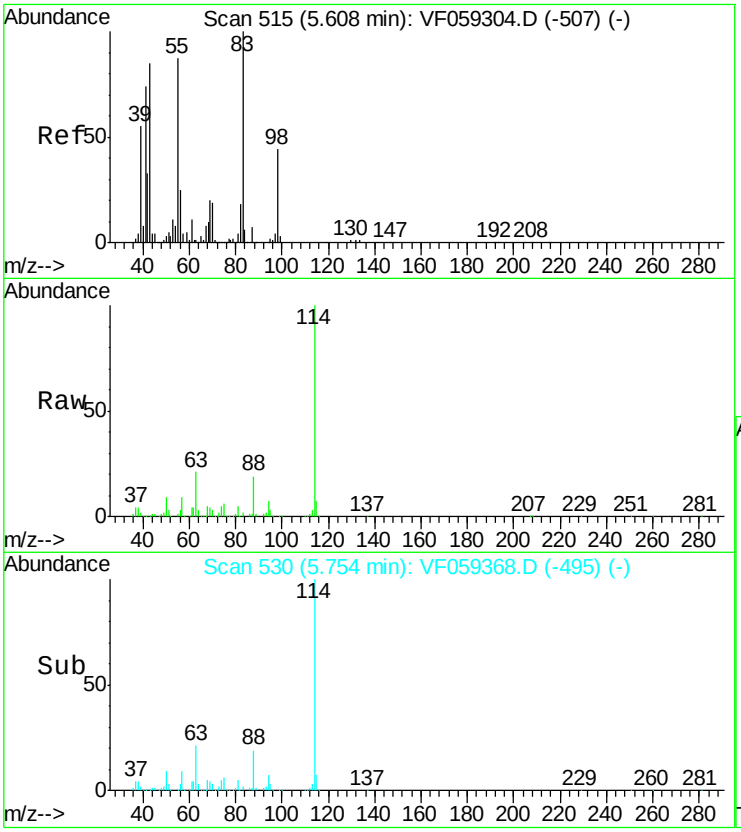


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.30 min Scan# 383
Delta R.T. 0.03 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

Tgt Ion: 43 Resp: 504

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



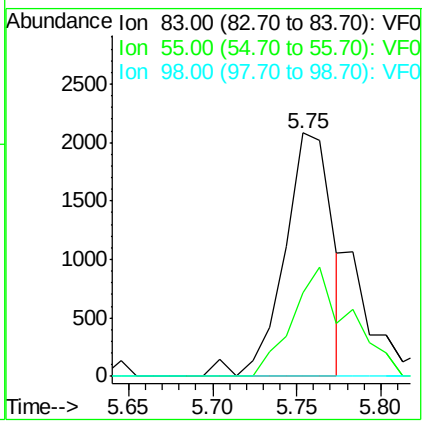


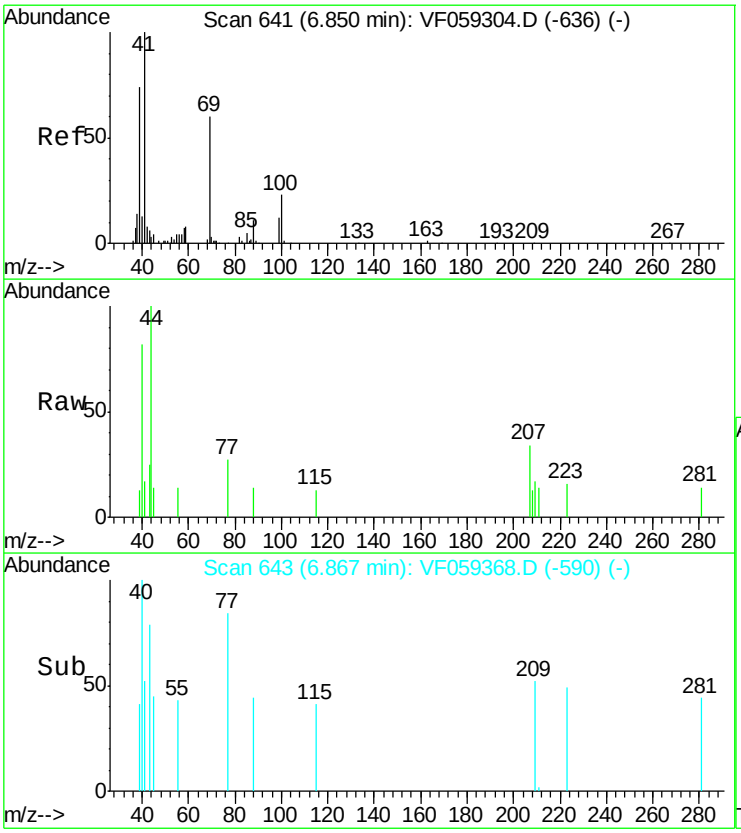
#39
Methylcyclohexane
Concen: 1.28 ug/l
RT: 5.75 min Scan# 530
Delta R.T. 0.15 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

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

Tgt Ion: 83 Resp: 4128

Ion	Ratio	Lower	Upper
83	100		
55	34.2	69.2	103.8#
98	0.0	35.0	52.6#

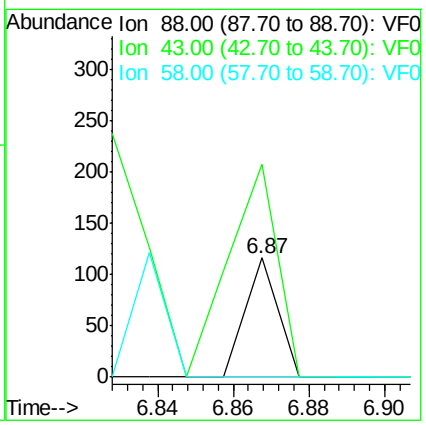


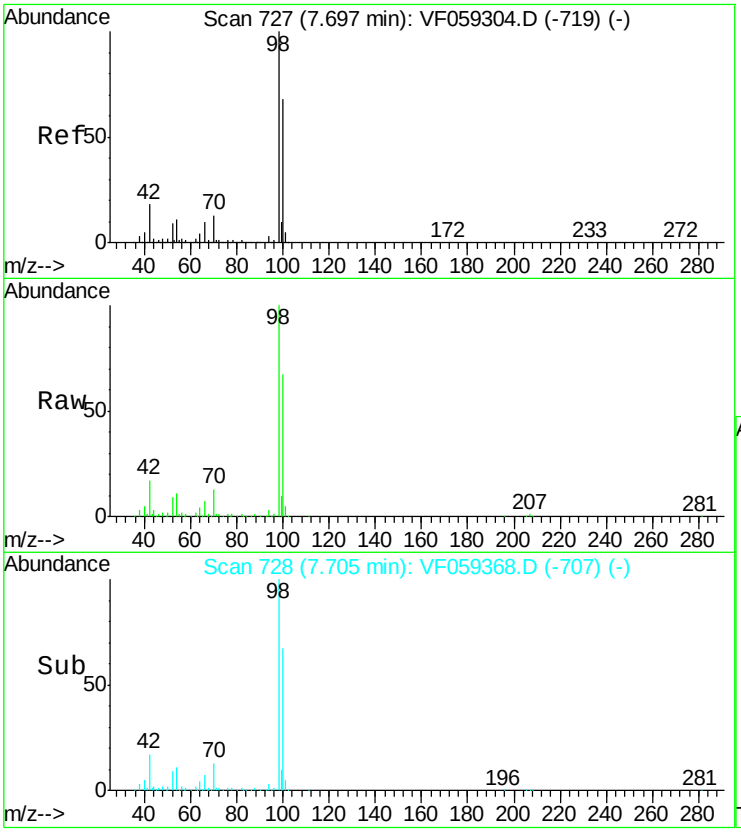


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.87 min Scan# 643
Delta R.T. 0.02 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

Tgt Ion: 88 Resp: 69

Ion	Ratio	Lower	Upper
88	100		
43	179.3	50.6	75.8#
58	0.0	46.6	69.8#



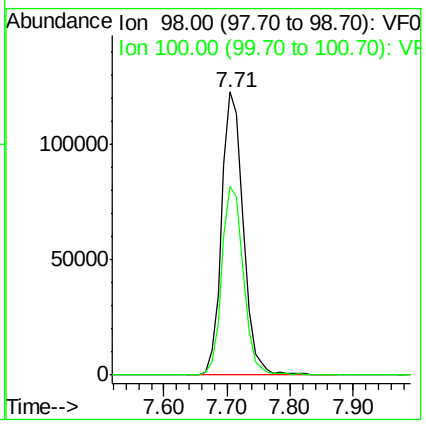


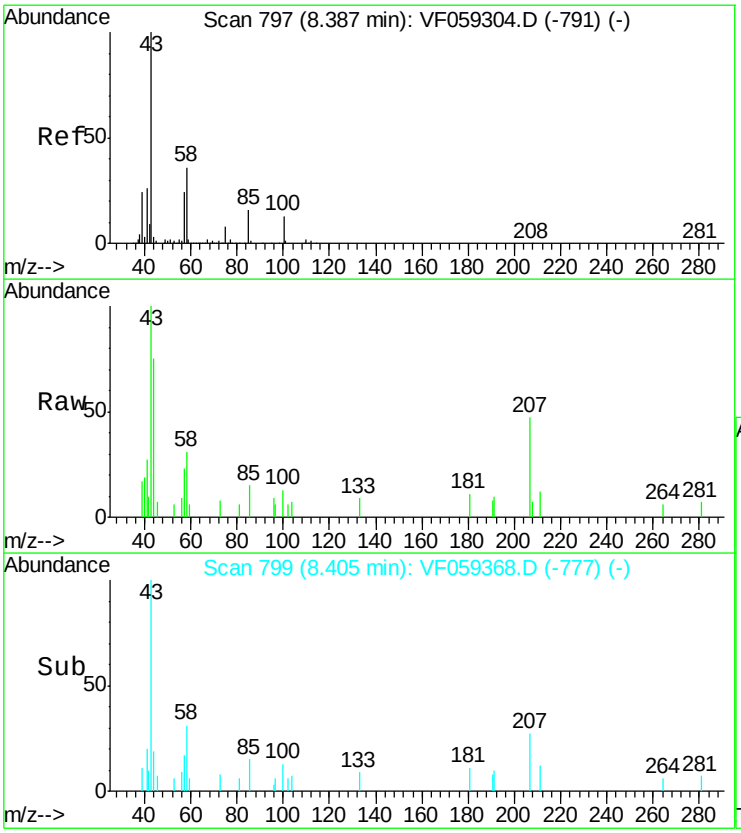
#50
Toluene-d8
Concen: 38.88 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

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

Tgt Ion: 98 Resp: 292176

Ion	Ratio	Lower	Upper
98	100		
100	66.5	54.6	82.0

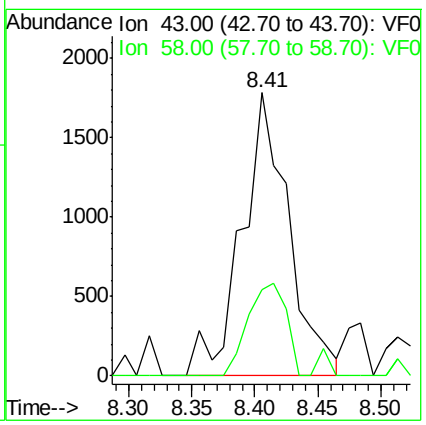


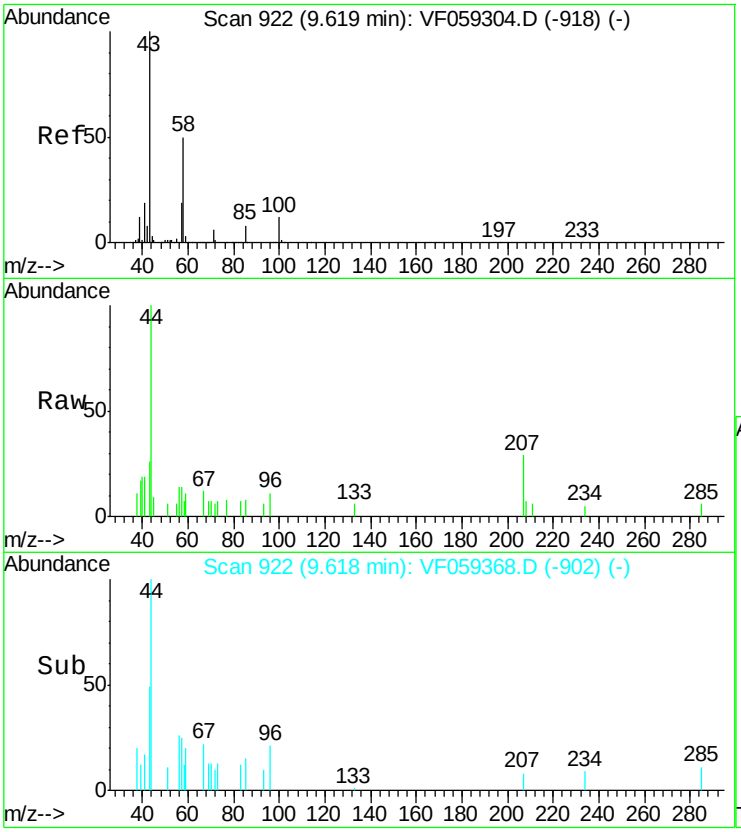


#51
4-Methyl-2-Pentanone
Concen: 2.06 ug/l
RT: 8.41 min Scan# 799
Delta R.T. 0.02 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

Tgt Ion: 43 Resp: 4605

Ion	Ratio	Lower	Upper
43	100		
58	30.5	28.4	42.6



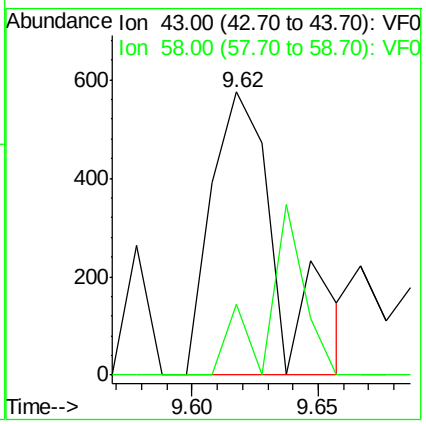


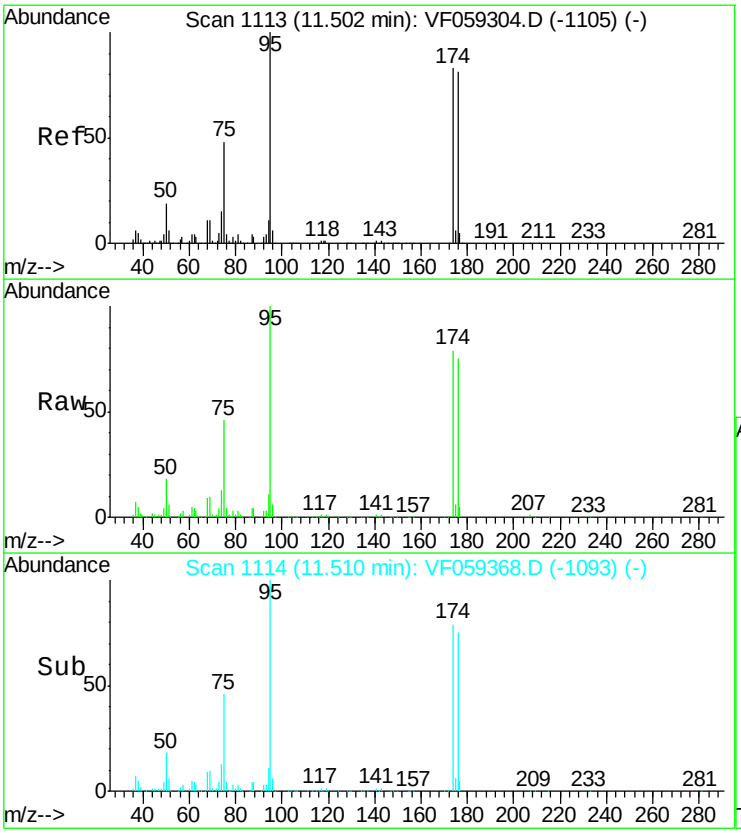
#59
2-Hexanone
Concen: Below Cal
RT: 9.62 min Scan# 922
Delta R.T. -0.00 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

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

Tgt Ion: 43 Resp: 1074

Ion	Ratio	Lower	Upper
43	100		
58	24.9	23.3	69.9

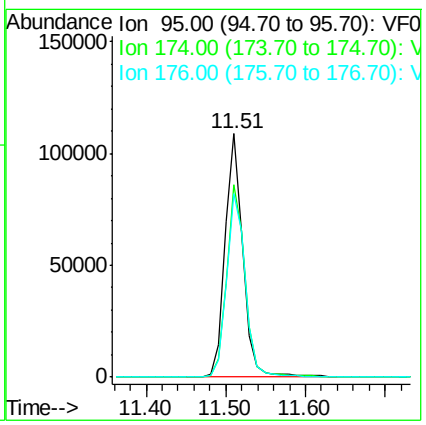


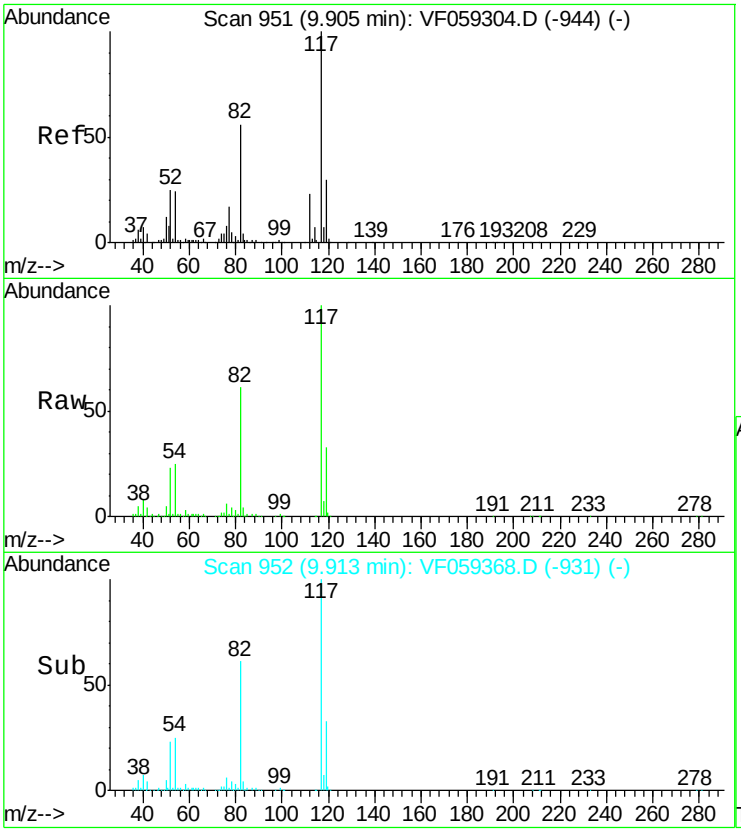


#62
4-Bromofluorobenzene
Concen: 40.59 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

Tgt Ion: 95 Resp: 172056

Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	165.2
176	75.4	0.0	161.0



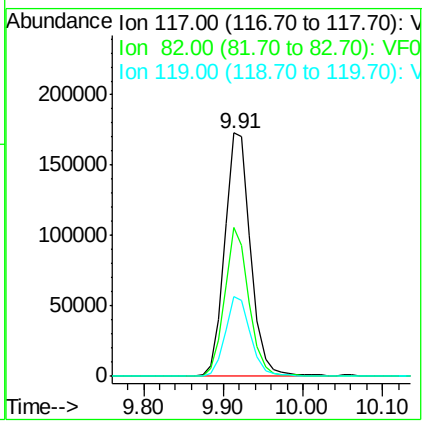


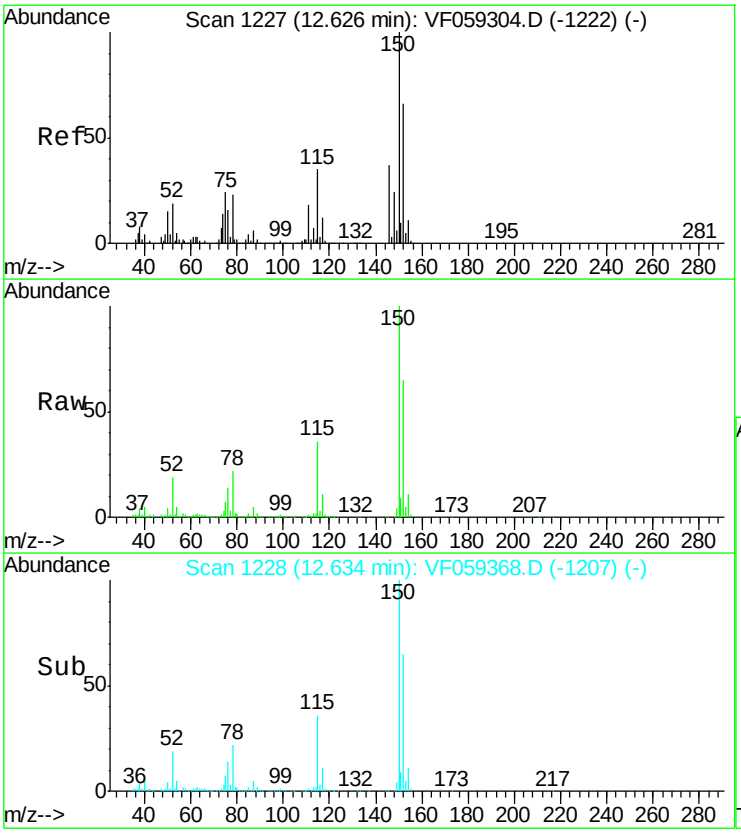
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

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

Tgt Ion:117 Resp: 395867

Ion	Ratio	Lower	Upper
117	100		
82	61.1	44.6	66.8
119	32.6	24.1	36.1

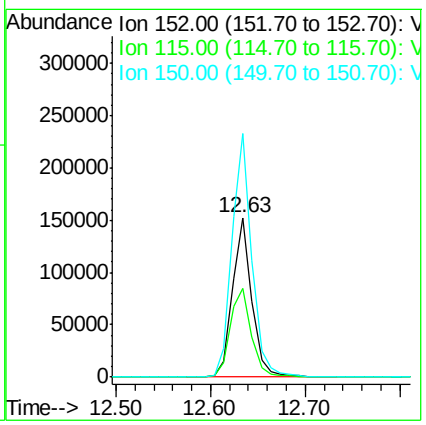


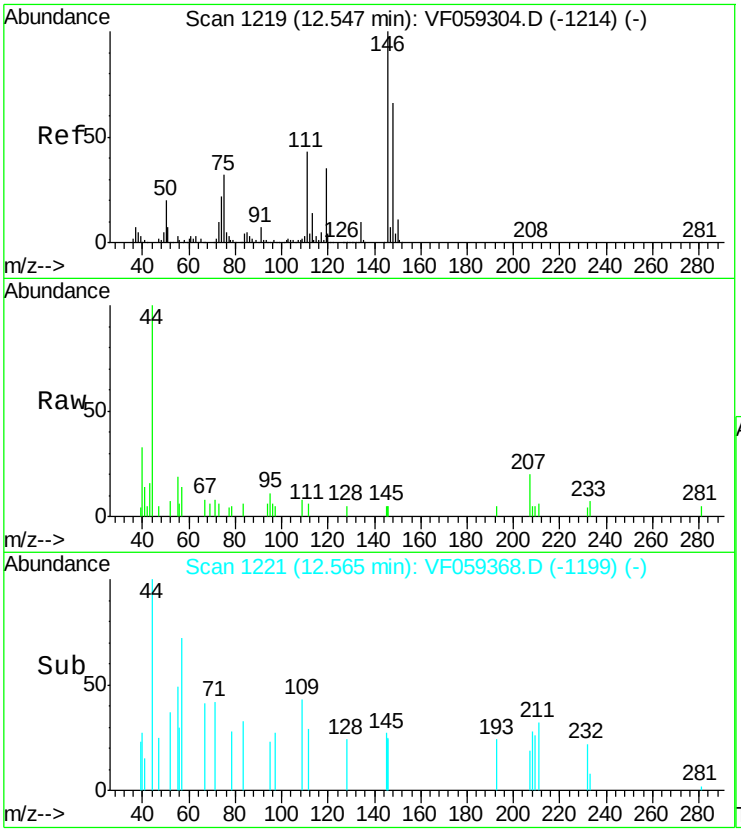


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

Tgt Ion:152 Resp: 215525

Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.1	81.3
150	152.9	0.0	305.2





#87
1,3-Dichlorobenzene
Concen: Below Cal
RT: 12.56 min Scan# 1221
Delta R.T. 0.02 min
Lab File: VF059368.D
Acq: 28 Jun 2018 18:48

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

Tgt Ion:146 Resp: 409

Ion	Ratio	Lower	Upper
146	100		
111	59.2	21.4	64.2
148	0.0	32.8	98.4#