Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010919\

Quantitation Report (Not Reviewed)

Data File : VF061325.D
Acq On : 10 Jan 2019 4:38
Operator : VA/AP
Sample : K1006-13
Misc : 5.48g/5mL/MSVOA-F/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : JC-03-010819-G

Quant Time: Jan 10 06:06:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	170288	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	266054	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	161608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	96854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	130827	69.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 138.04%			
35) Dibromofluoromethane	4.13	113	139745	68.65	ug/l	0.02
Spiked Amount 50.000			Recovery = 137.30%			
50) Toluene-d8	7.57	98	118479	19.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 39.34%			
62) 4-Bromofluorobenzene	11.42	95	123834	47.07	ug/l	0.01
Spiked Amount 50.000			Recovery = 94.14%			
Target Compounds						Qvalue
5) Bromomethane	1.29	94	505	3.132	ug/l #	6
8) Diethyl Ether	1.64	74	1817	2.920	ug/l	99
11) Tert butyl alcohol	2.57	59	429	5.653	ug/l #	58
13) Acrolein	1.96	56	100	Below Cal		90
15) Acrylonitrile	2.94	53	867	3.223	ug/l	85
16) Acetone	2.18	43	721	1.635	ug/l	95
20) Methylene Chloride	2.18	84	2325	1.246	ug/l	91
25) 2-Butanone	4.37	43	1546	2.179	ug/l #	56
29) Tetrahydrofuran	4.11	42	488	1.645	ug/l #	49
49) 1,4-Dioxane	6.64	88	68	11.115	ug/l #	1
51) 4-Methyl-2-Pentanone	8.27	43	1651	1.464	ug/l #	38
59) 2-Hexanone	9.51	43	1241	1.554	ug/l	64

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

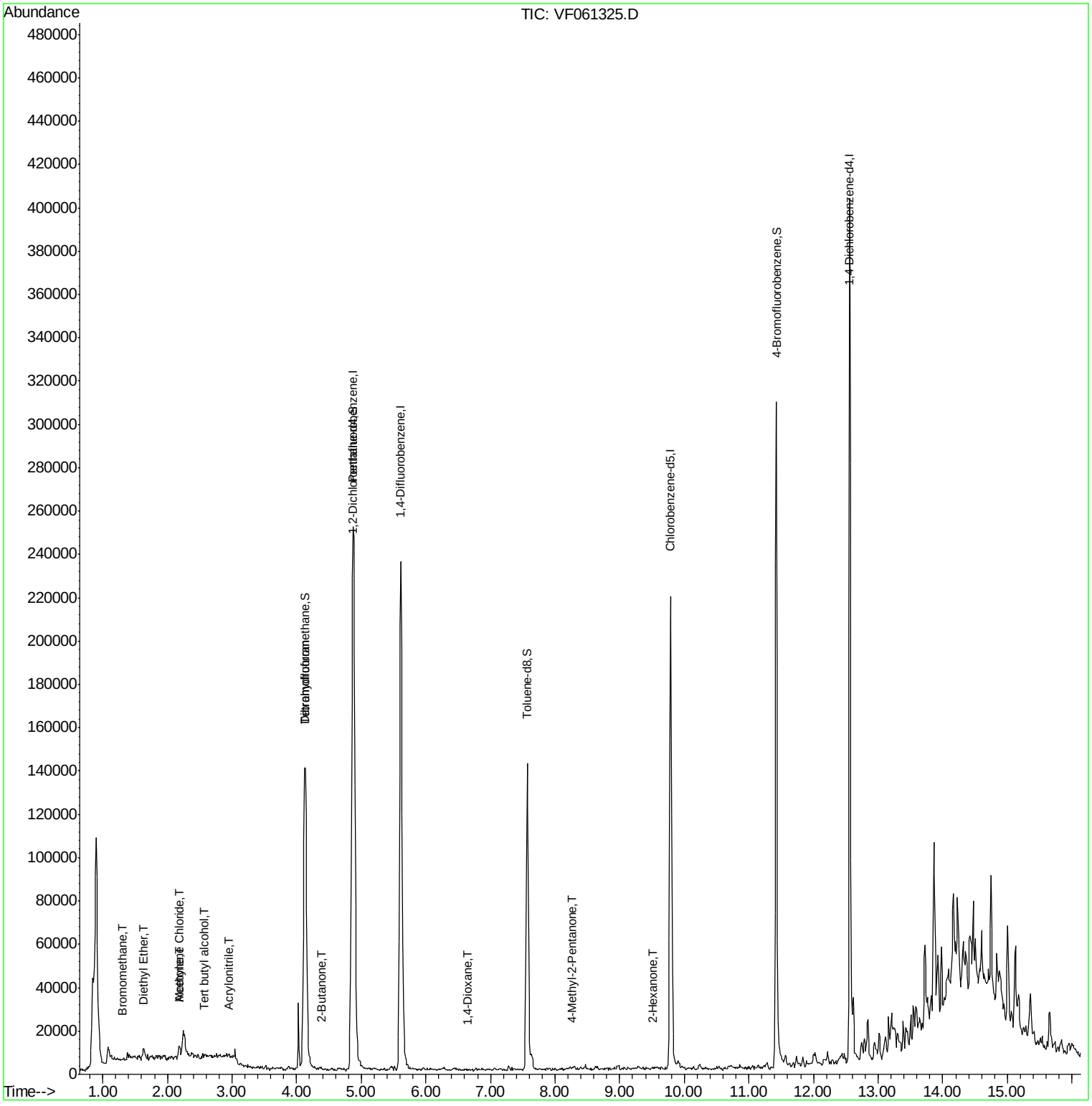
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010919\

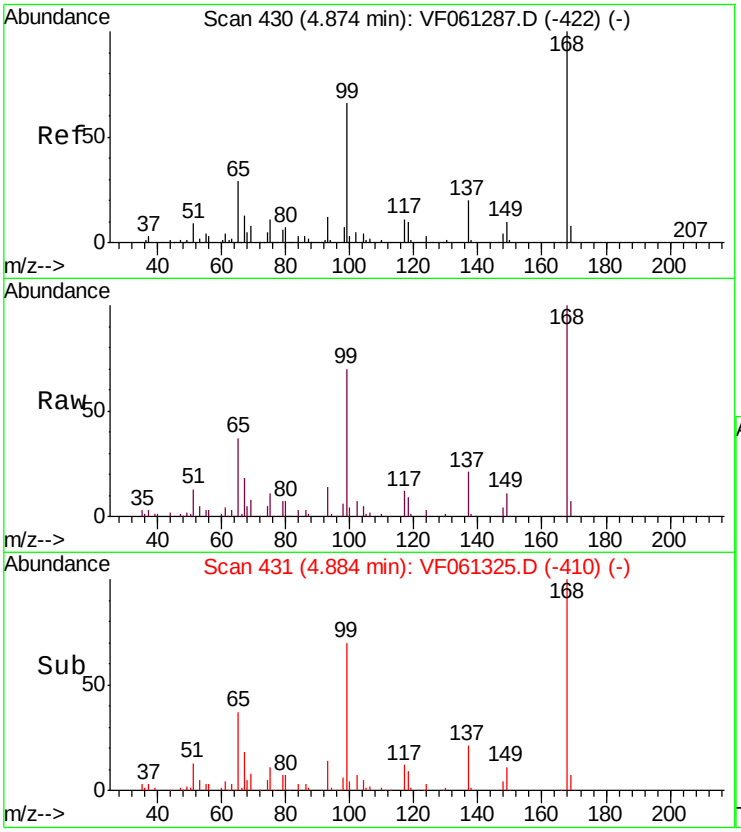
Quantitation Report (Not Reviewed)

Data File : VF061325.D
Acq On : 10 Jan 2019 4:38
Operator : VA/AP
Sample : K1006-13
Misc : 5.48g/5mL/MSVOA-F/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
JC-03-010819-G

Quant Time: Jan 10 06:06:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration



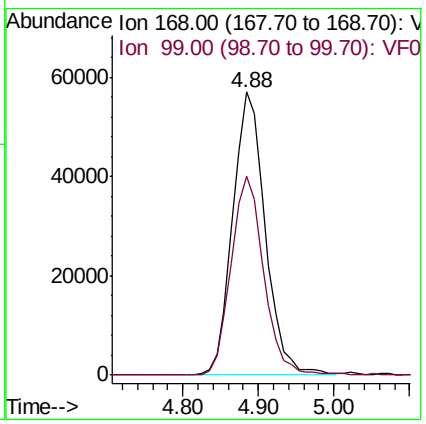


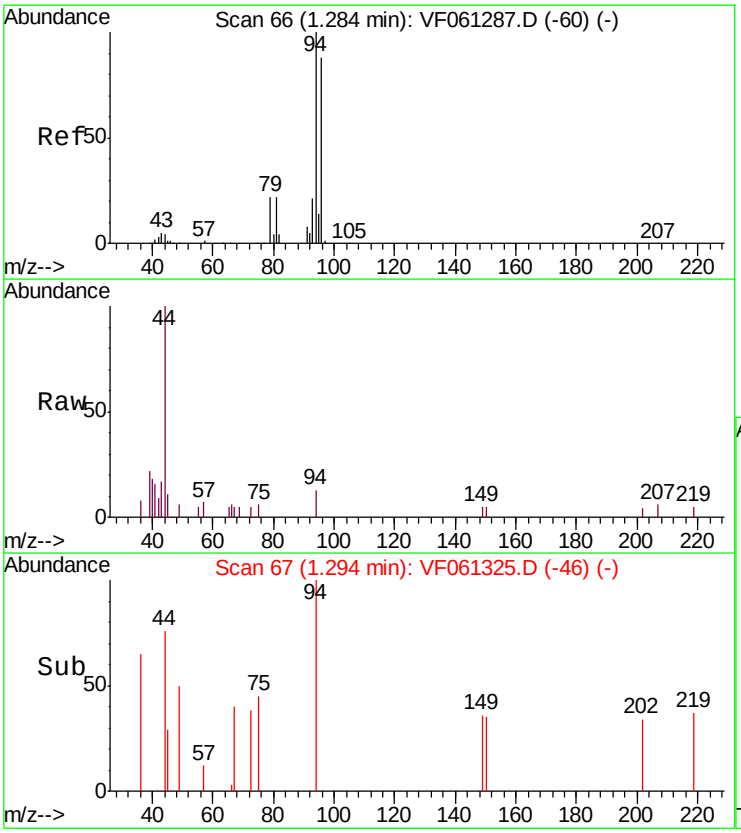
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Instrument :
MSVOA_F
ClientSampleId :
JC-03-010819-G

Tgt Ion:168 Resp: 170288

Ion	Ratio	Lower	Upper
168	100		
99	70.3	52.7	79.1

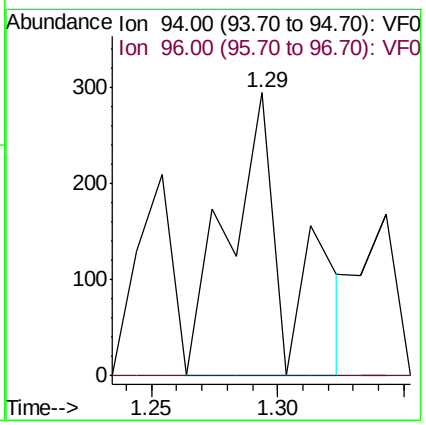


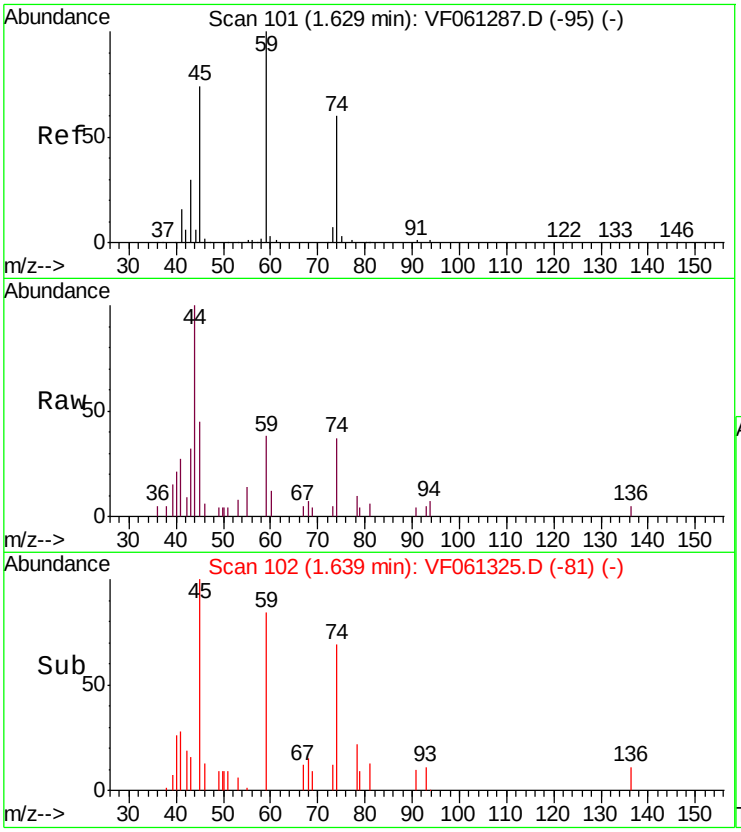


#5
Bromomethane
Concen: 3.132 ug/l
RT: 1.29 min Scan# 67
Delta R.T. 0.01 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Tgt Ion: 94 Resp: 505

Ion	Ratio	Lower	Upper
94	100		
96	0.0	70.2	105.4#



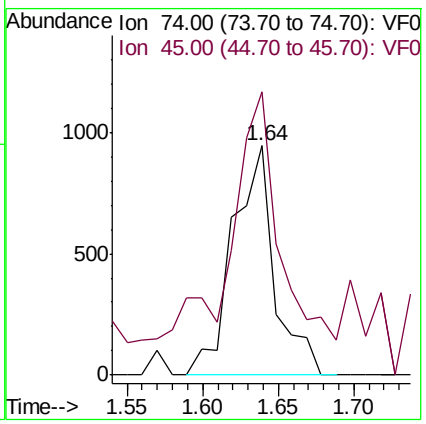


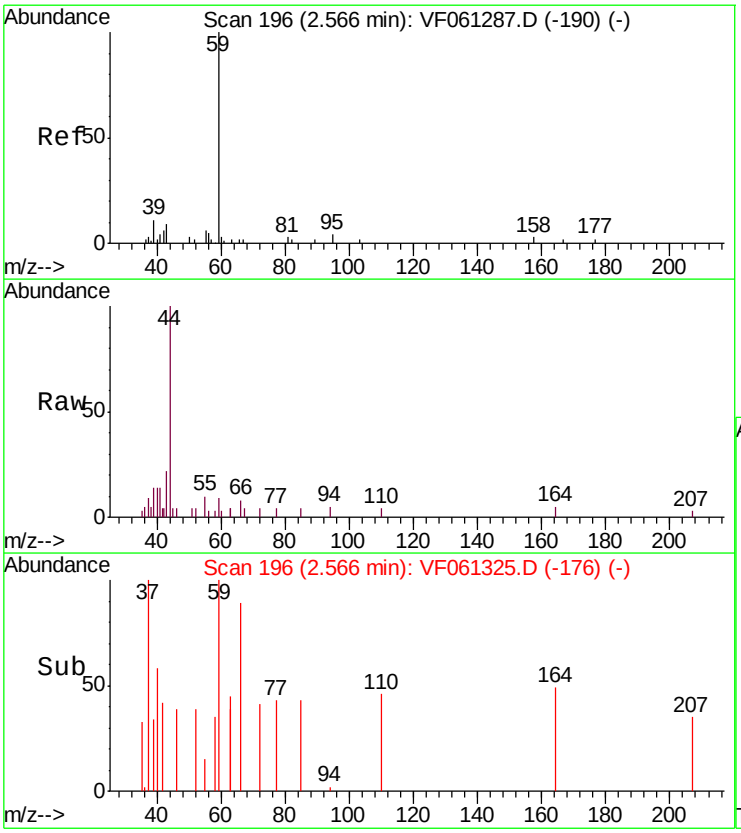
#8
Diethyl Ether
Concen: 2.920 ug/l
RT: 1.64 min Scan# 102
Delta R.T. 0.01 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Instrument :
MSVOA_F
ClientSampleId :
JC-03-010819-G

Tgt Ion: 74 Resp: 1817

Ion	Ratio	Lower	Upper
74	100		
45	123.5	62.1	186.3

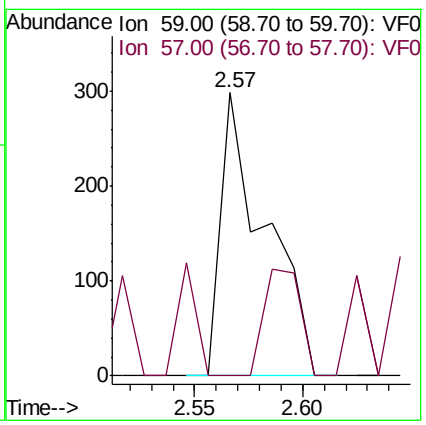


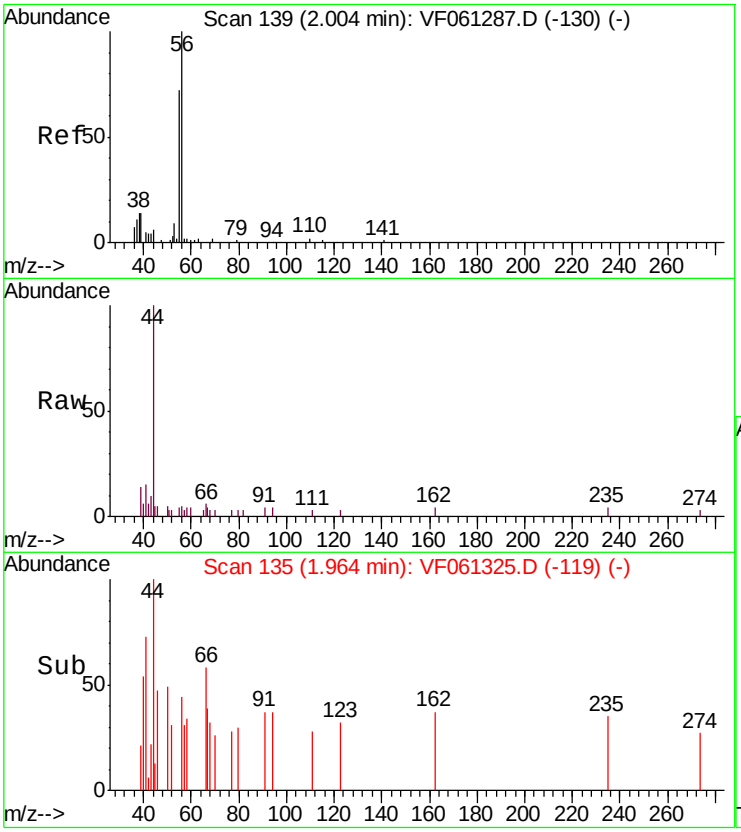


#11
Tert butyl alcohol
Concen: 5.653 ug/l
RT: 2.57 min Scan# 196
Delta R.T. 0.00 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Tgt Ion: 59 Resp: 429

Ion	Ratio	Lower	Upper
59	100		
57	0.0	15.1	22.7#



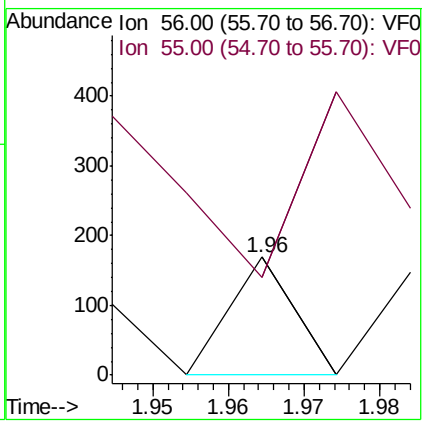


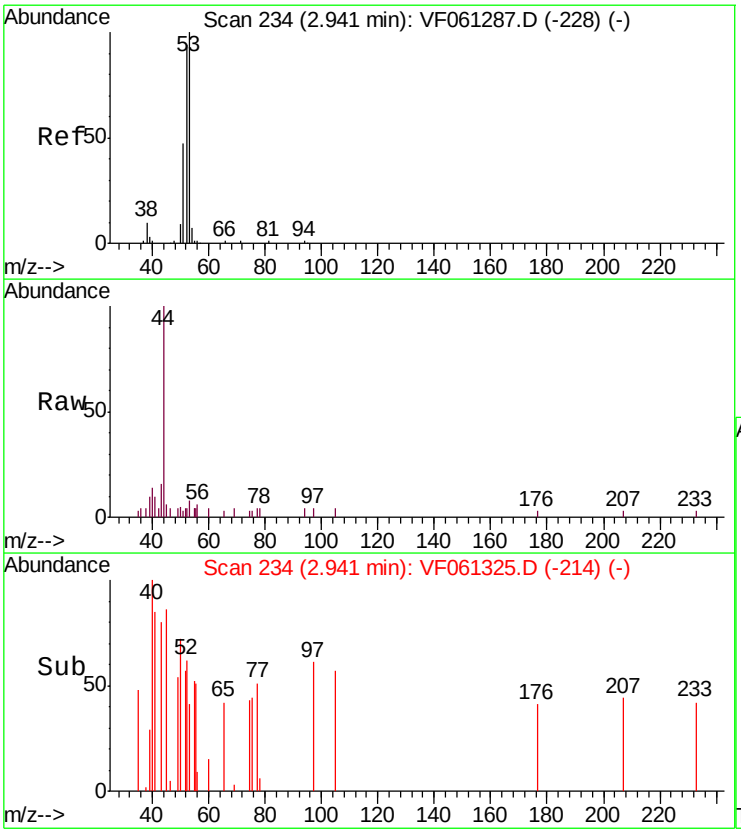
#13
Acrolein
Concen: Below Cal
RT: 1.96 min Scan# 135
Delta R.T. -0.04 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Instrument :
MSVOA_F
ClientSampleId :
JC-03-010819-G

Tgt Ion: 56 Resp: 100

Ion	Ratio	Lower	Upper
56	100		
55	82.8	59.4	89.0

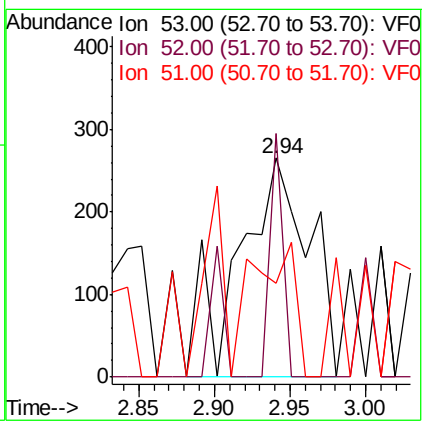


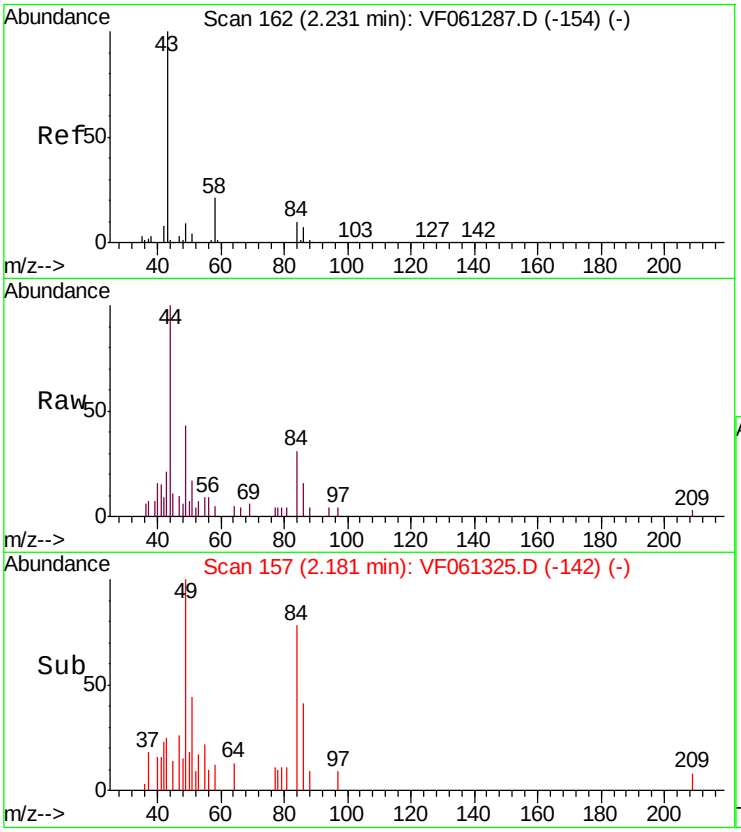


#15
Acrylonitrile
Concen: 3.223 ug/l
RT: 2.94 min Scan# 234
Delta R.T. 0.00 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Tgt Ion: 53 Resp: 867

Ion	Ratio	Lower	Upper
53	100		
52	111.3	74.6	111.8
51	42.6	37.8	56.6



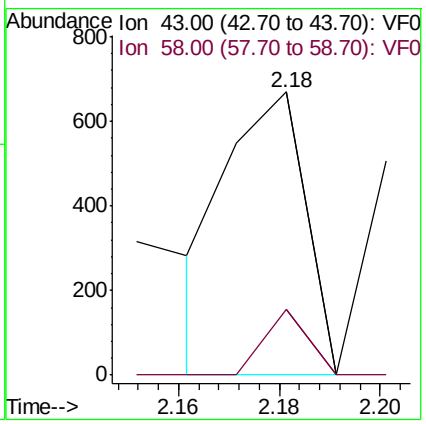


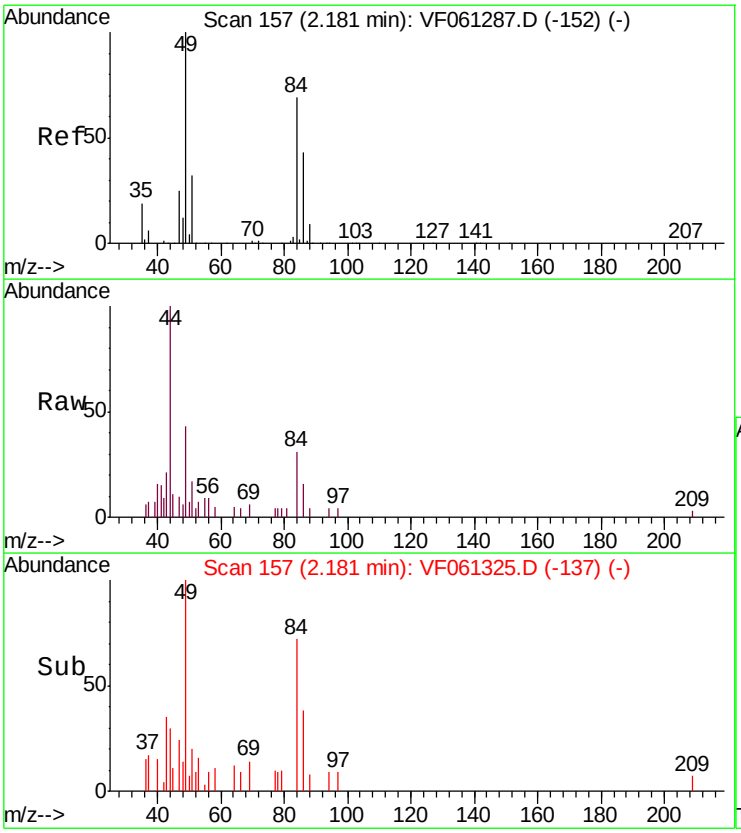
#16
Acetone
Concen: 1.635 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.05 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Instrument : MSVOA_F
ClientSampleId : JC-03-010819-G

Tgt Ion: 43 Resp: 721

Ion	Ratio	Lower	Upper
43	100		
58	23.2	16.6	25.0

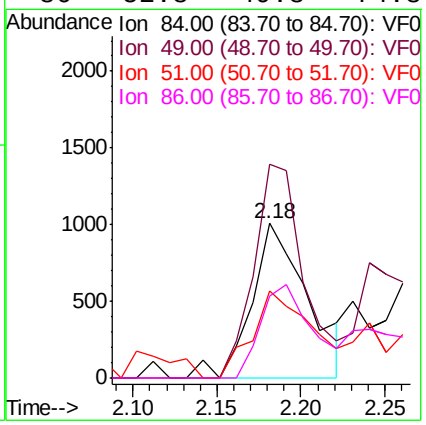


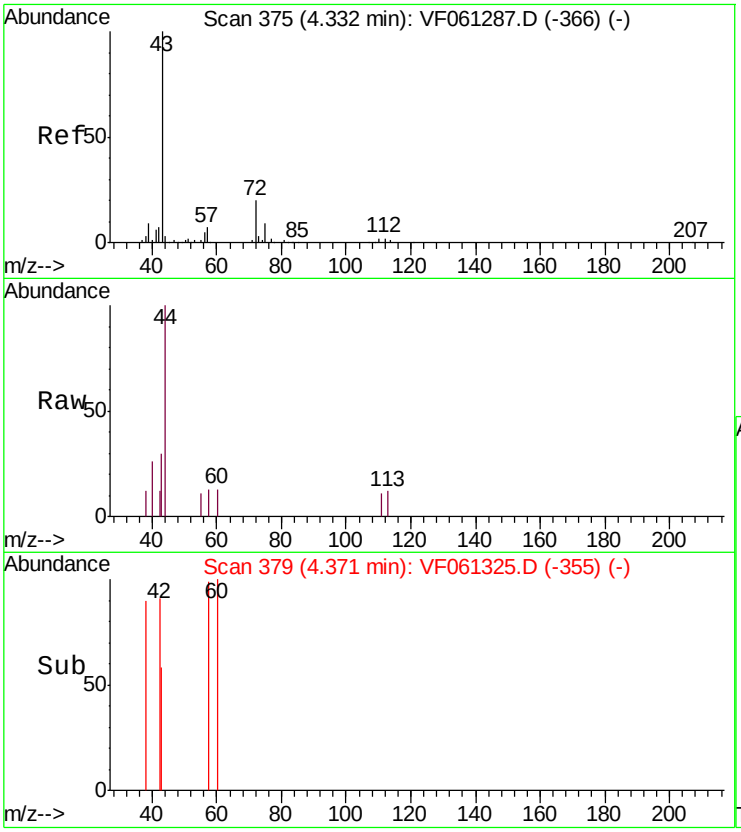


#20
Methylene Chloride
Concen: 1.246 ug/l
RT: 2.18 min Scan# 157
Delta R.T. 0.00 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Tgt Ion: 84 Resp: 2325

Ion	Ratio	Lower	Upper
84	100		
49	138.1	116.6	175.0
51	56.3	37.7	56.5
86	52.8	49.8	74.8



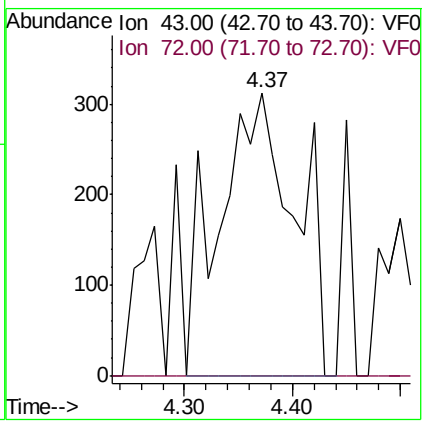


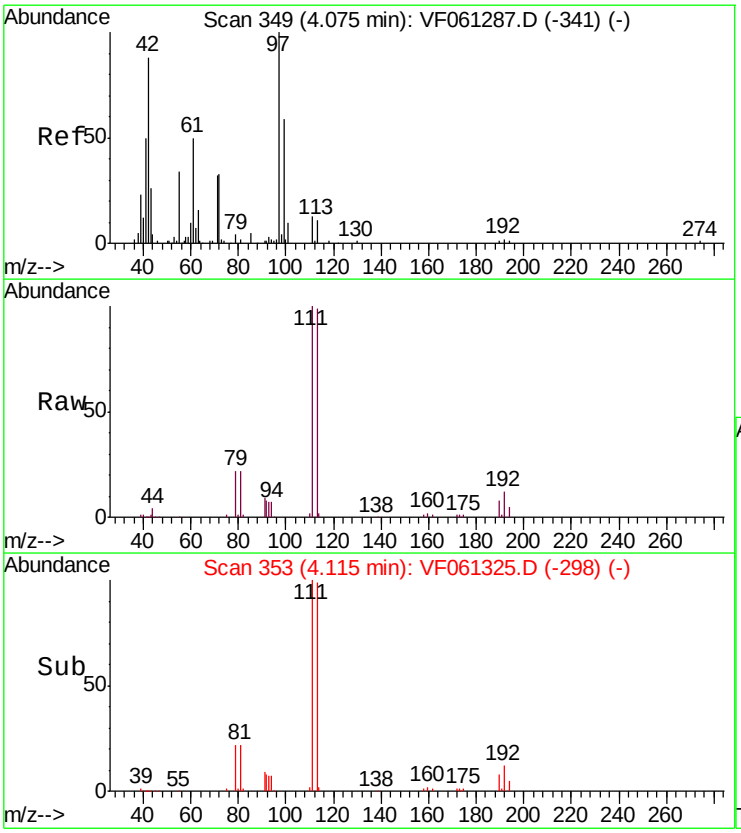
#25
2-Butanone
Concen: 2.179 ug/l
RT: 4.37 min Scan# 379
Delta R.T. 0.04 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Instrument : MSVOA_F
ClientSampleId : JC-03-010819-G

Tgt Ion: 43 Resp: 1546

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.5	24.7#

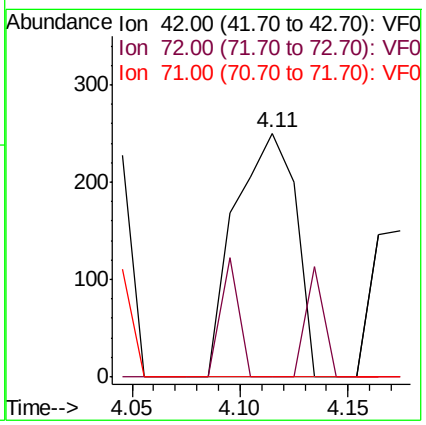


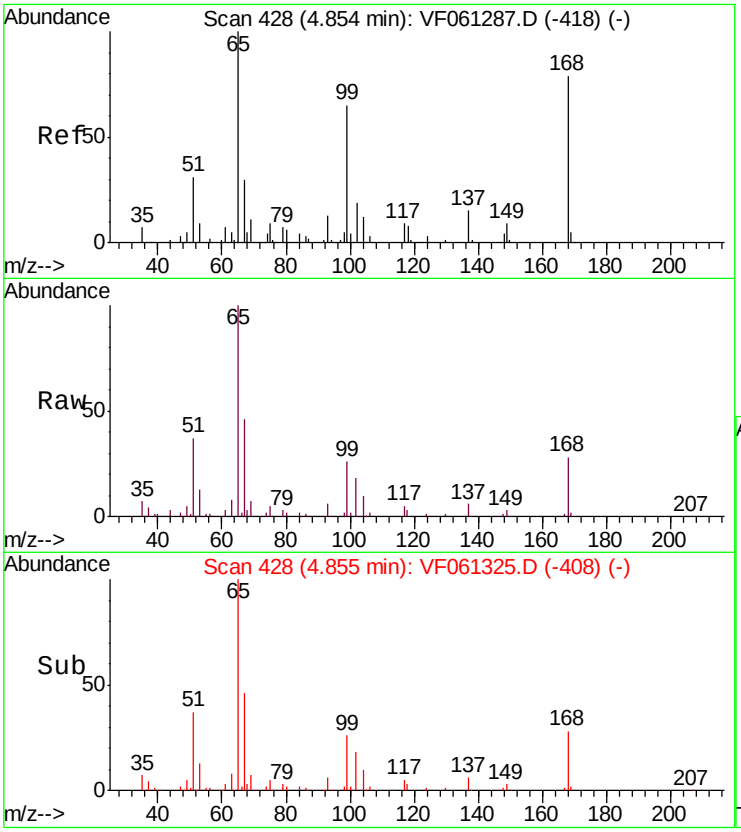


#29
Tetrahydrofuran
Concen: 1.645 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.04 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Tgt Ion: 42 Resp: 488

Ion	Ratio	Lower	Upper
42	100		
72	15.0	32.3	48.5#
71	0.0	29.5	44.3#



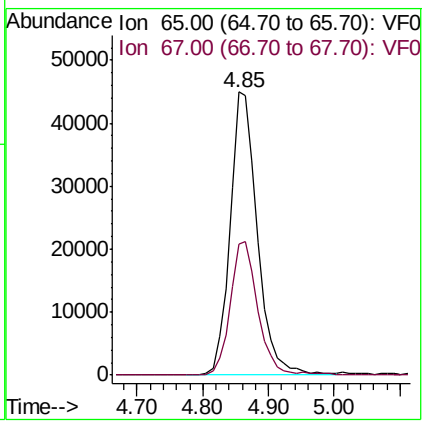


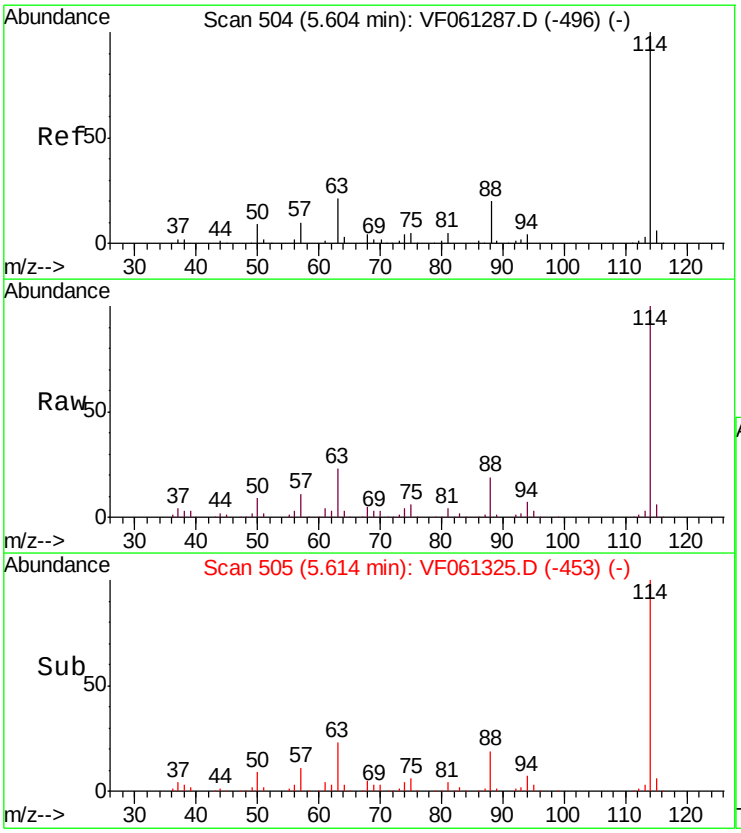
#33
1,2-Dichloroethane-d4
Concen: 69.023 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.00 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Instrument :
MSVOA_F
ClientSampleId :
JC-03-010819-G

Tgt Ion: 65 Resp: 130827

Ion	Ratio	Lower	Upper
65	100		
67	46.1	0.0	98.2

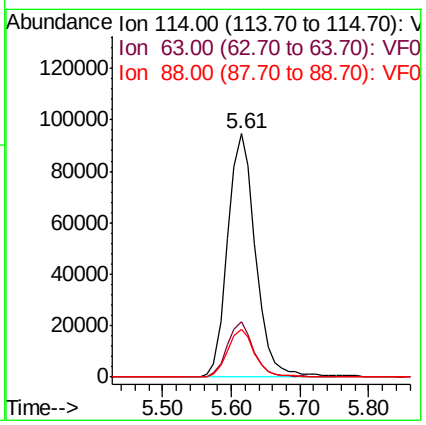


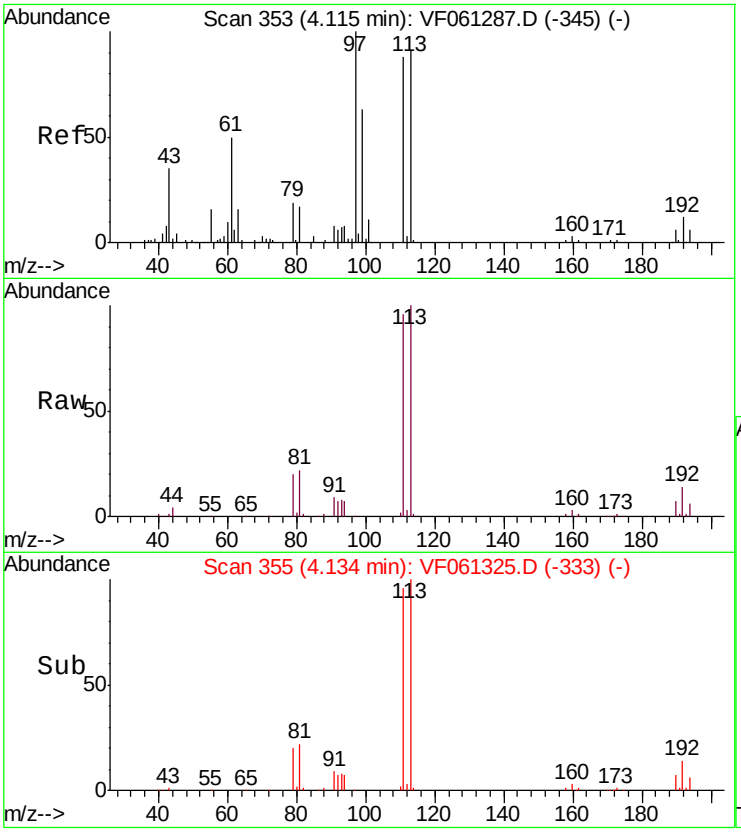


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Tgt Ion:114 Resp: 266054

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	42.8
88	19.4	0.0	40.0



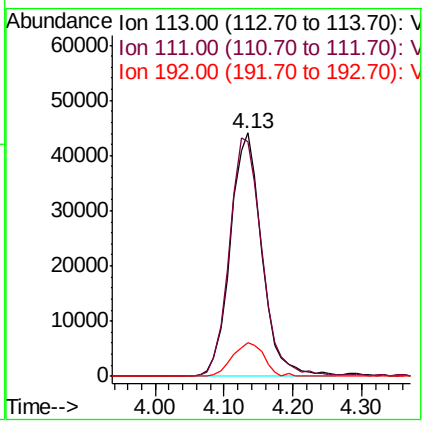


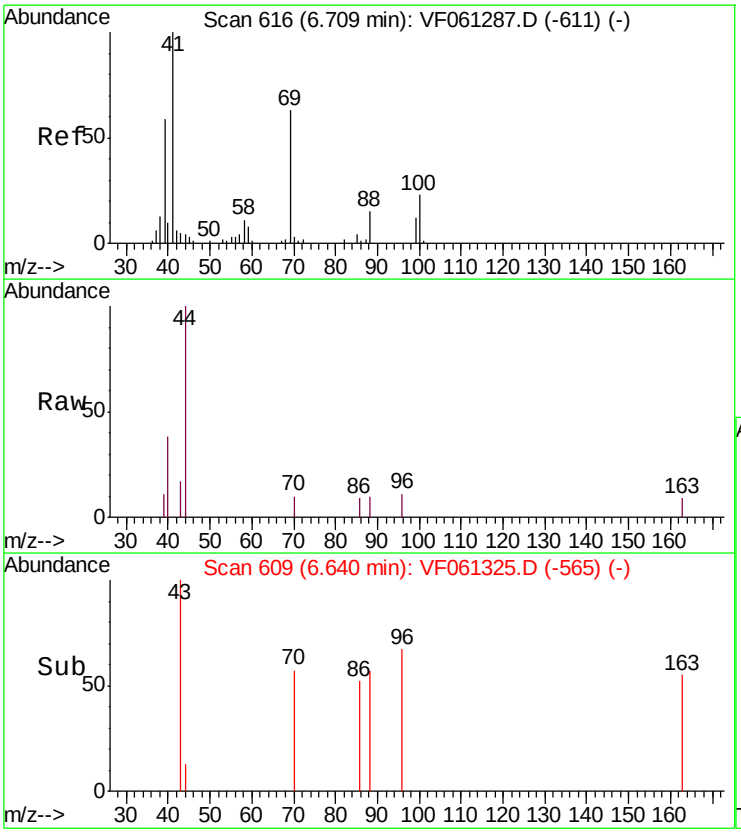
#35
Dibromofluoromethane
Concen: 68.645 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Instrument :
MSVOA_F
ClientSampleId :
JC-03-010819-G

Tgt Ion:113 Resp: 139745

Ion	Ratio	Lower	Upper
113	100		
111	96.5	78.0	117.0
192	13.7	10.6	16.0

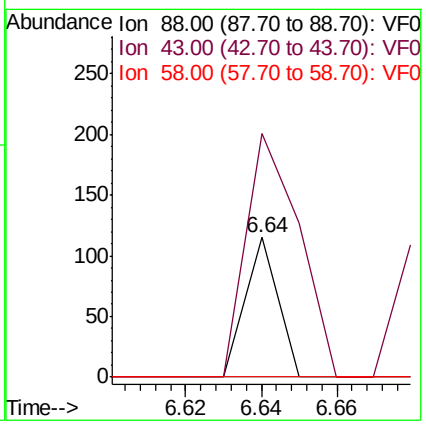


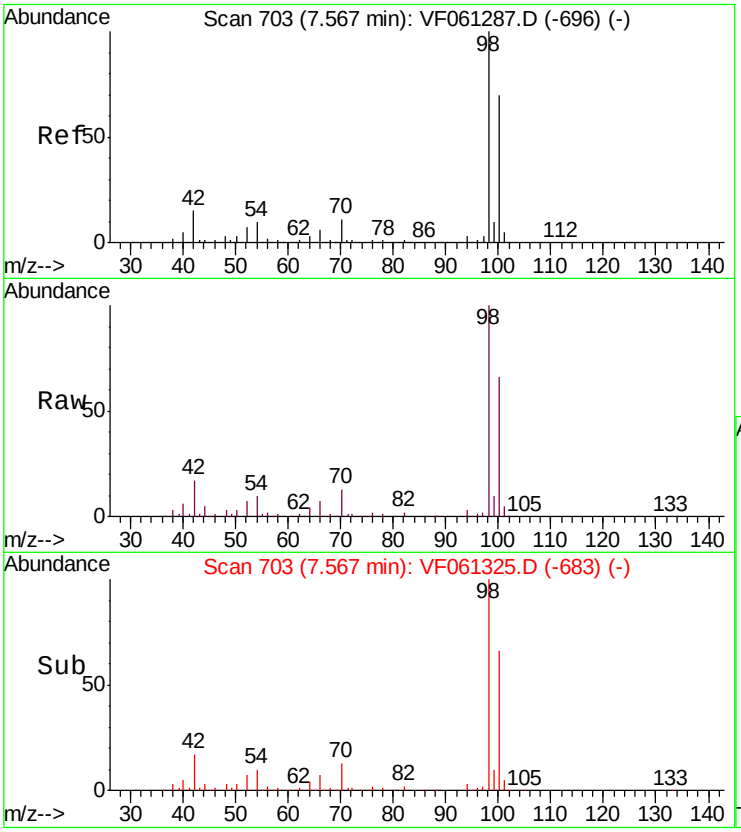


#49
1,4-Dioxane
Concen: 11.115 ug/l
RT: 6.64 min Scan# 609
Delta R.T. -0.07 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Tgt Ion: 88 Resp: 68

Ion	Ratio	Lower	Upper
88	100		
43	174.8	38.5	57.7#
58	0.0	57.0	85.4#



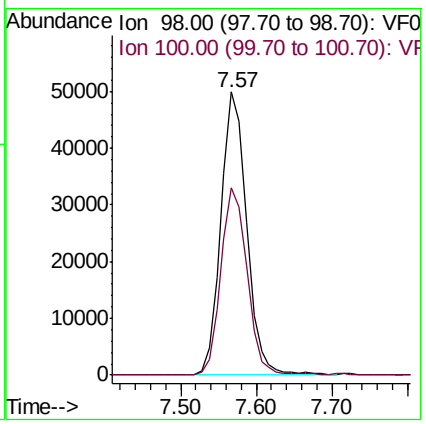


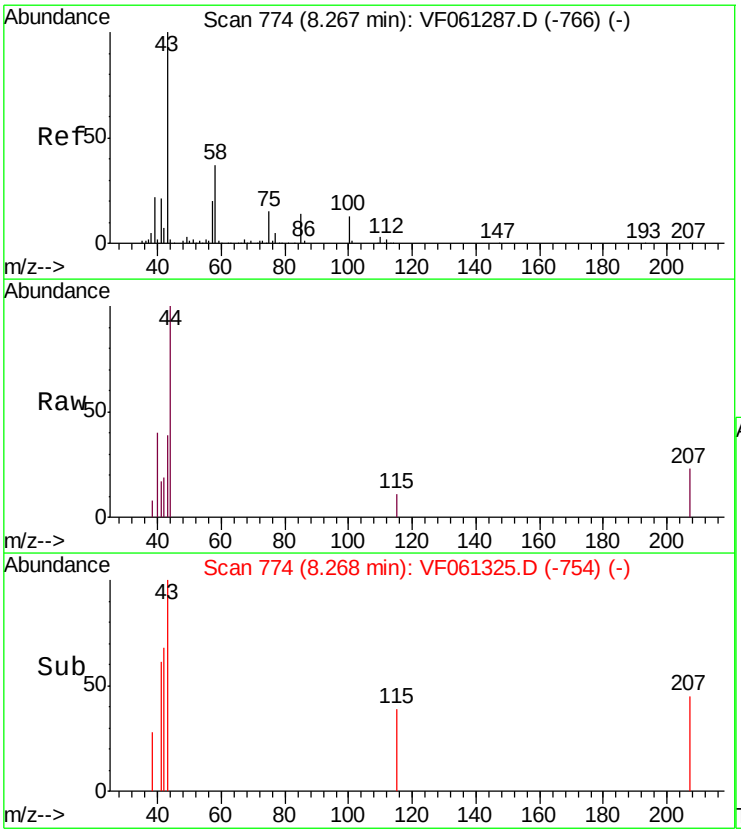
#50
Toluene-d8
Concen: 19.667 ug/l
RT: 7.57 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Instrument : MSVOA_F
ClientSampleId : JC-03-010819-G

Tgt Ion: 98 Resp: 118479

Ion	Ratio	Lower	Upper
98	100		
100	66.3	55.6	83.4

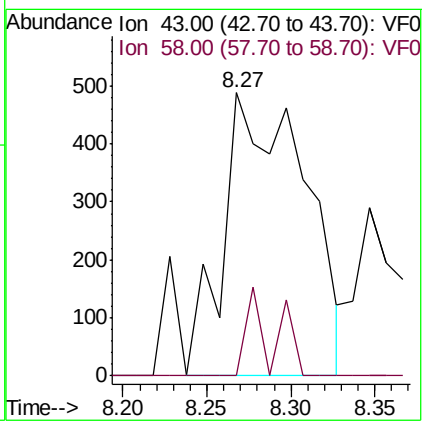


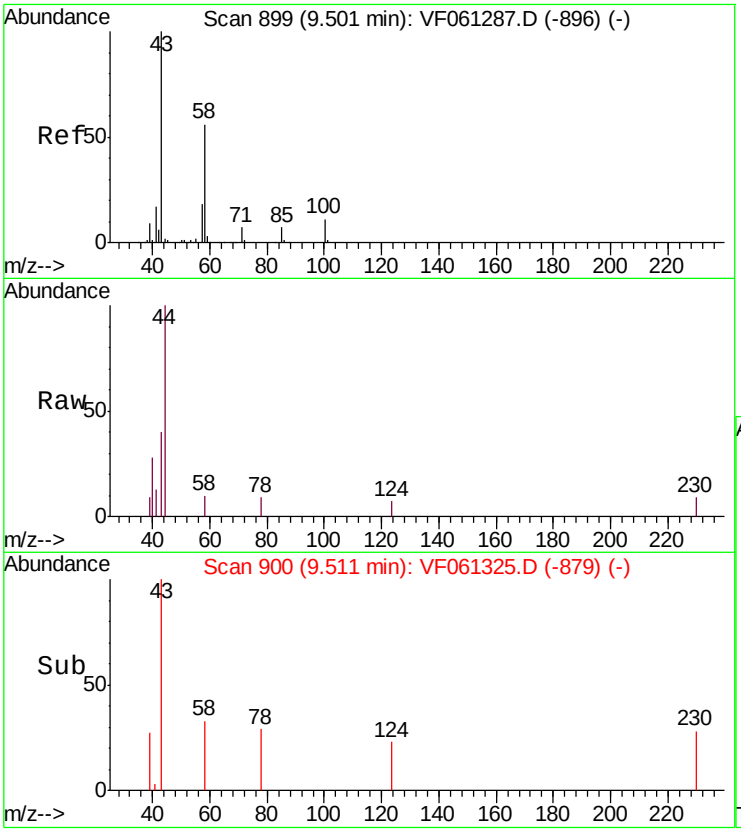


#51
4-Methyl-2-Pentanone
Concen: 1.464 ug/l
RT: 8.27 min Scan# 774
Delta R.T. 0.00 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Tgt Ion: 43 Resp: 1651

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.6	44.4#



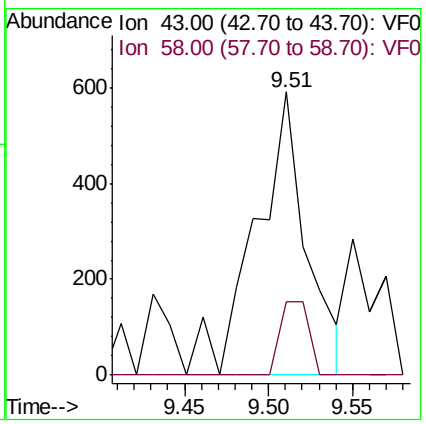


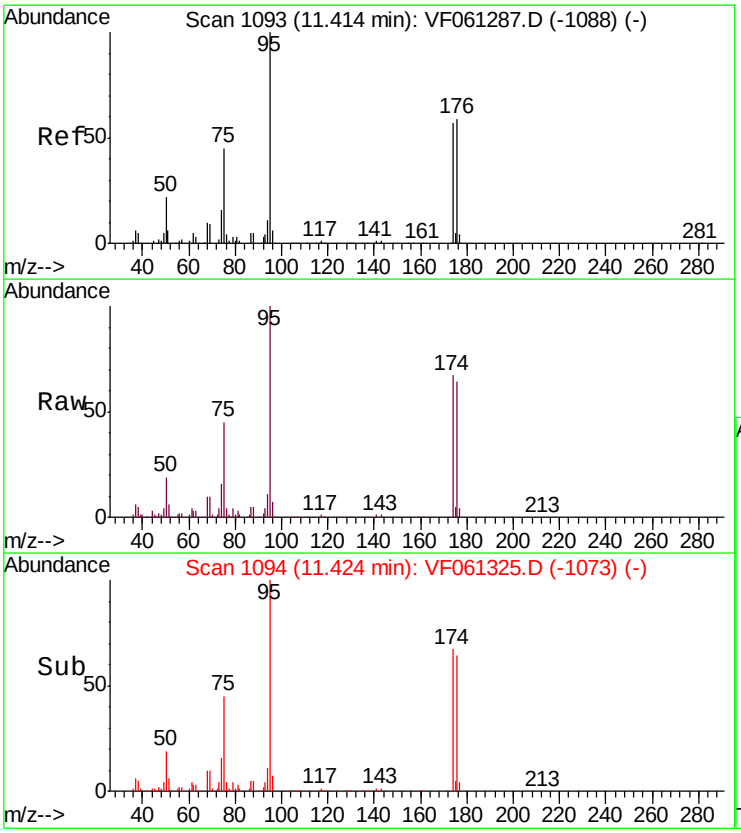
#59
2-Hexanone
Concen: 1.554 ug/l
RT: 9.51 min Scan# 900
Delta R.T. 0.01 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Instrument :
MSVOA_F
ClientSampleId :
JC-03-010819-G

Tgt Ion: 43 Resp: 1241

Ion	Ratio	Lower	Upper
43	100		
58	25.9	25.6	76.8

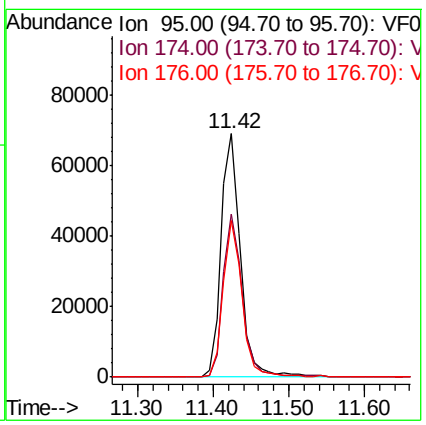


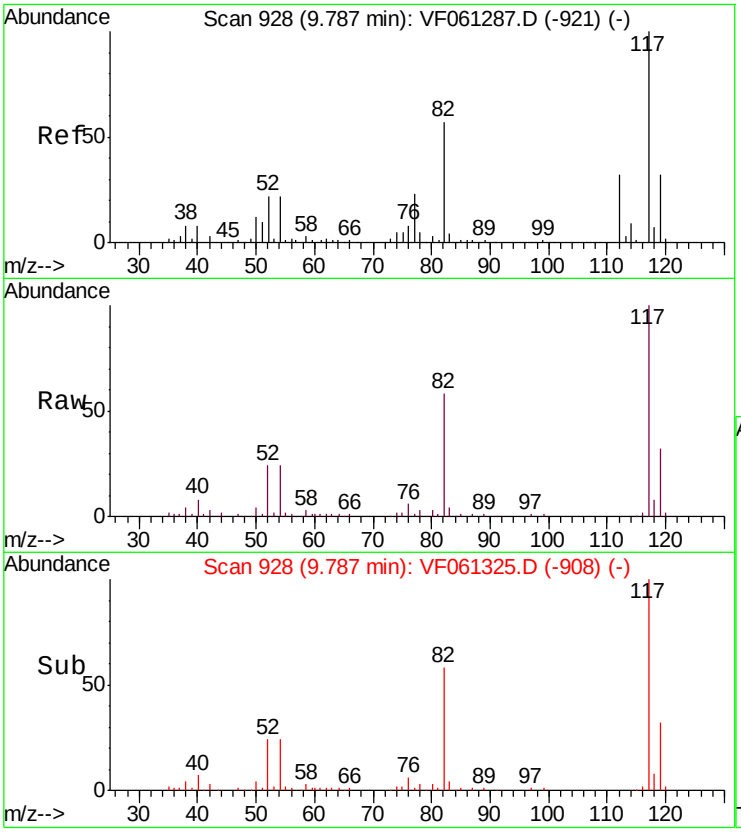


#62
4-Bromofluorobenzene
Concen: 47.075 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Tgt Ion: 95 Resp: 123834

Ion	Ratio	Lower	Upper
95	100		
174	66.8	0.0	114.2
176	64.5	0.0	117.8



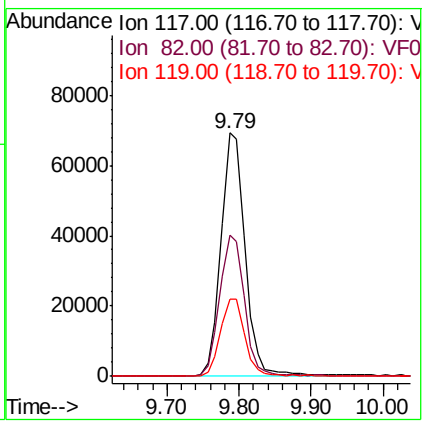


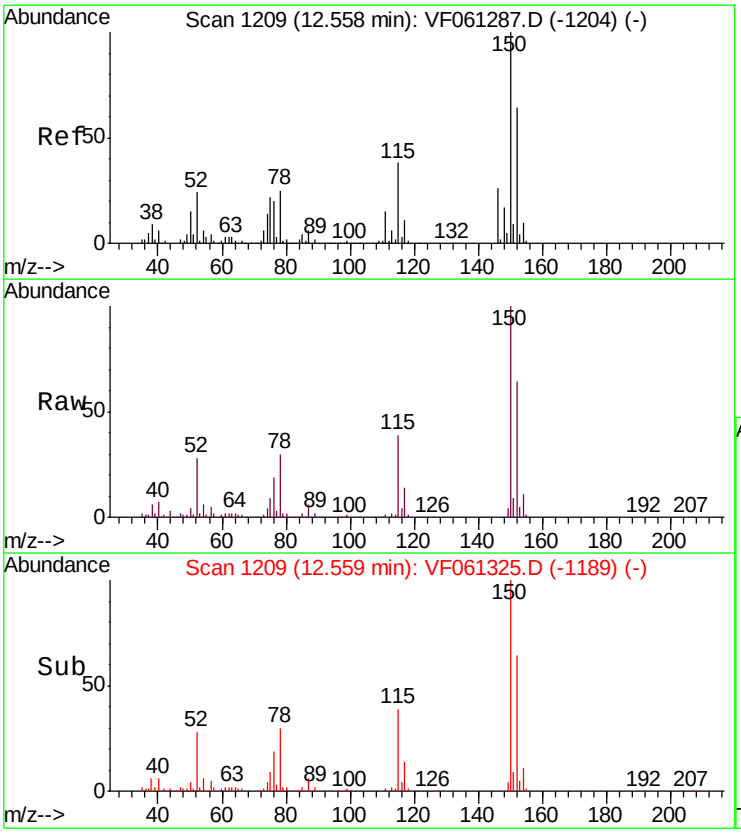
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Instrument :
MSVOA_F
ClientSampleId :
JC-03-010819-G

Tgt Ion:117 Resp: 161608

Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.3	67.9
119	31.9	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061325.D
Acq: 10 Jan 2019 4:38

Tgt Ion:152 Resp: 96854

Ion	Ratio	Lower	Upper
152	100		
115	61.8	29.6	88.9
150	157.1	0.0	315.4