Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF022619\
Data File : VF061759.D
Acq On : 26 Feb 2019 23:47
Operator : VA/AP
Sample : K1620-03RE
Misc : 6.11g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SB-02

Quant Time: Feb 27 04:10:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	301396	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.57	114	454349	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.75	117	387806	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.53	152	201110	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	105739	47.84	ug/l	-0.04
Spiked Amount 50.000			Recovery = 95.68%			
35) Dibromofluoromethane	4.09	113	153454	45.48	ug/l	-0.03
Spiked Amount 50.000			Recovery = 90.96%			
50) Toluene-d8	7.53	98	366107	37.75	ug/l	-0.03
Spiked Amount 50.000			Recovery = 75.50%			
62) 4-Bromofluorobenzene	11.39	95	161955	41.27	ug/l	-0.03
Spiked Amount 50.000			Recovery = 82.54%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.53	59	378	2.955	ug/l #	1
13) Acrolein	1.90	56	206	1.281	ug/l	86
15) Acrylonitrile	2.93	53	1366	3.011	ug/l #	64
16) Acetone	2.22	43	8050	16.976	ug/l	98
18) Methyl Acetate	2.36	43	4801	4.494	ug/l #	59
20) Methylene Chloride	2.17	84	5276	Below Cal		92
25) 2-Butanone	4.32	43	3145	3.036	ug/l #	55
29) Tetrahydrofuran	4.07	42	1938	4.117	ug/l #	63
40) Benzene	4.61	78	13670	1.161	ug/l	92
49) 1,4-Dioxane	6.73	88	67	4.786	ug/l #	14
51) 4-Methyl-2-Pentanone	8.24	43	3221	1.822	ug/l	90
52) Toluene	7.60	92	11962	1.675	ug/l	92
59) 2-Hexanone	9.48	43	1731	1.397	ug/l	90

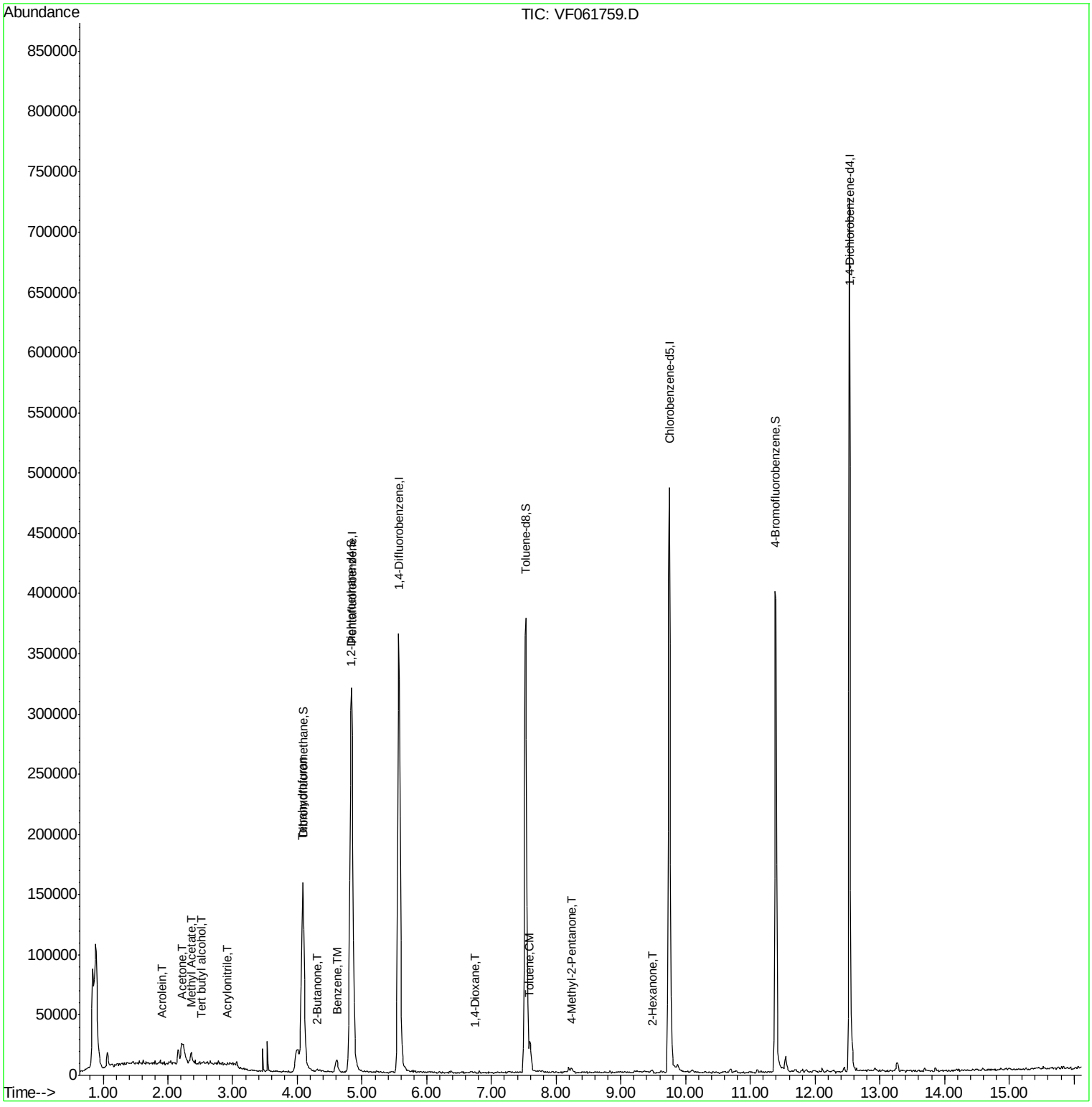
(#) = qualifier out of range (m) = manual integration (+) = signals summed

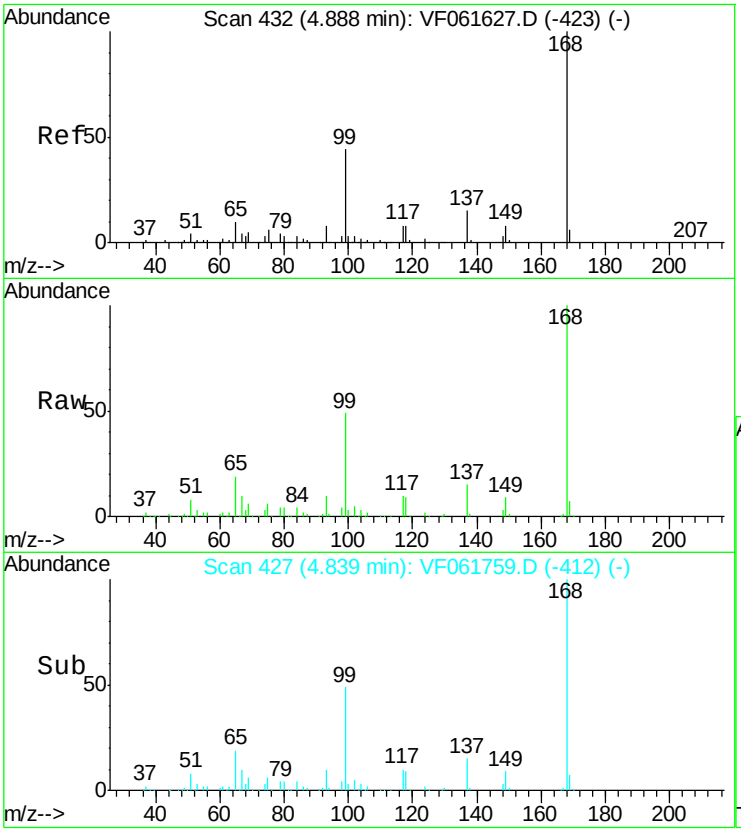
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022619\
Data File : VF061759.D
Acq On : 26 Feb 2019 23:47
Operator : VA/AP
Sample : K1620-03RE
Misc : 6.11g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SB-02

Quant Time: Feb 27 04:10:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration



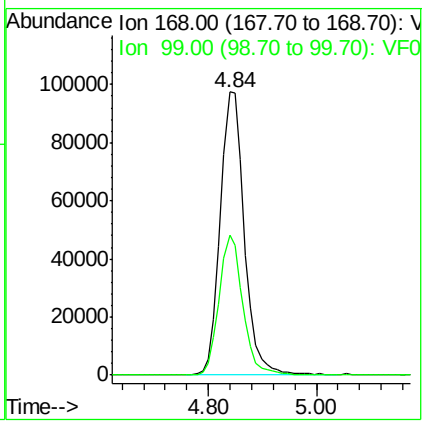


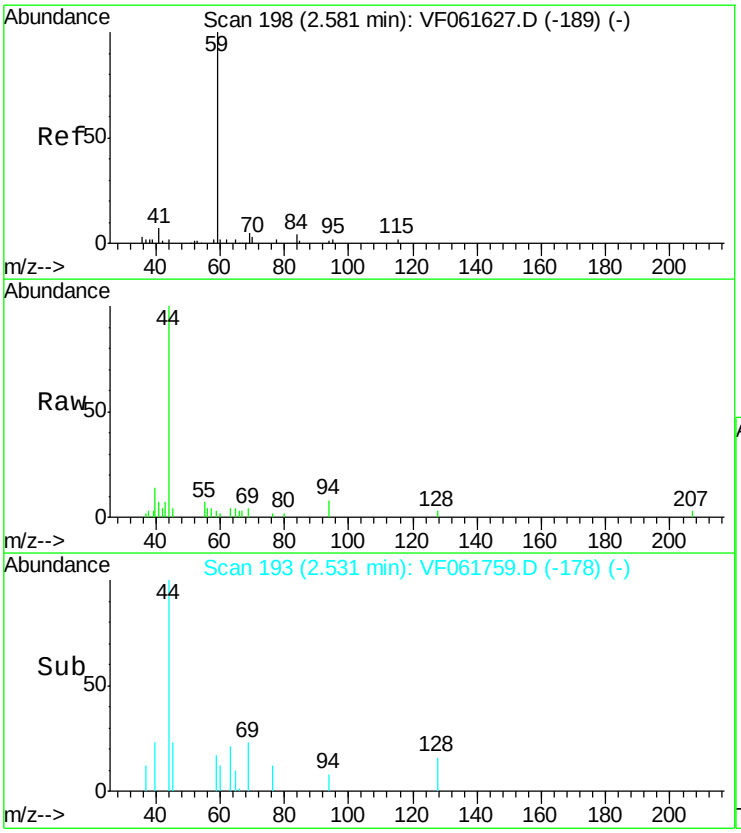
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.05 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Instrument :
MSVOA_F
ClientSampleId :
SB-02

Tgt Ion:168 Resp: 301396

Ion	Ratio	Lower	Upper
168	100		
99	49.4	34.9	52.3

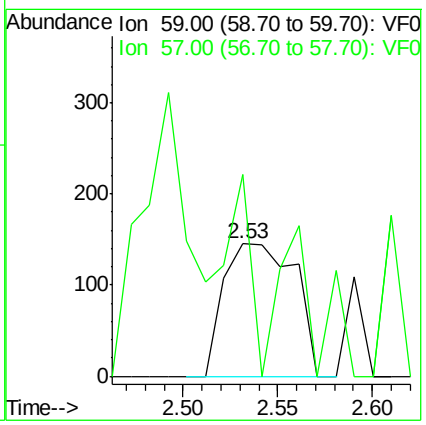


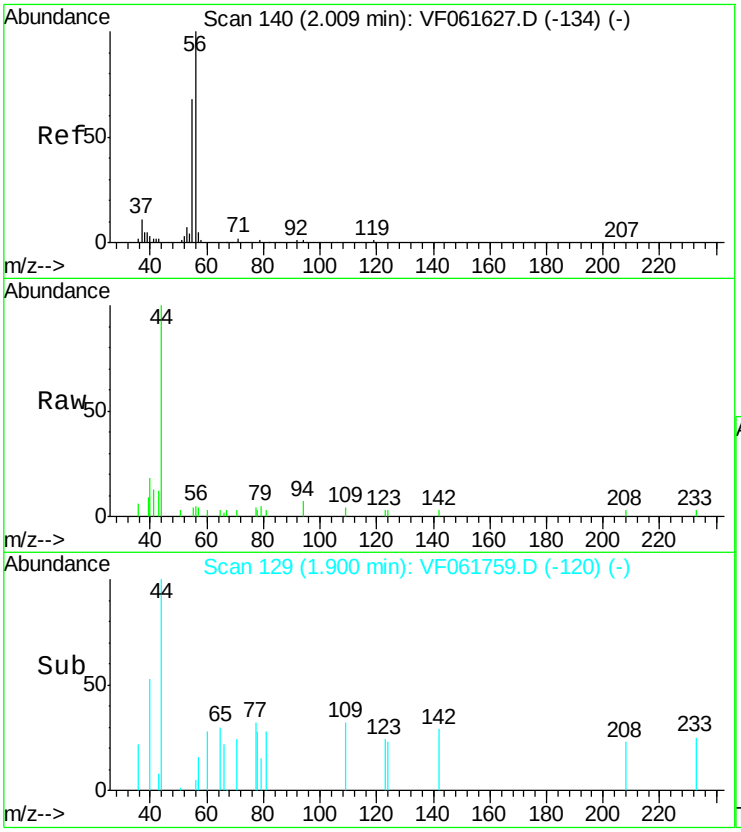


#11
Tert butyl alcohol
Concen: 2.955 ug/l
RT: 2.53 min Scan# 193
Delta R.T. -0.05 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion: 59 Resp: 378

Ion	Ratio	Lower	Upper
59	100		
57	153.1	12.5	18.7#



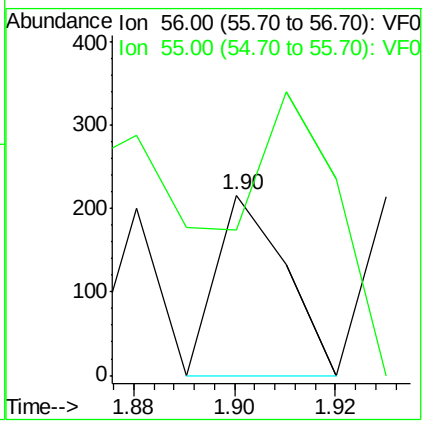


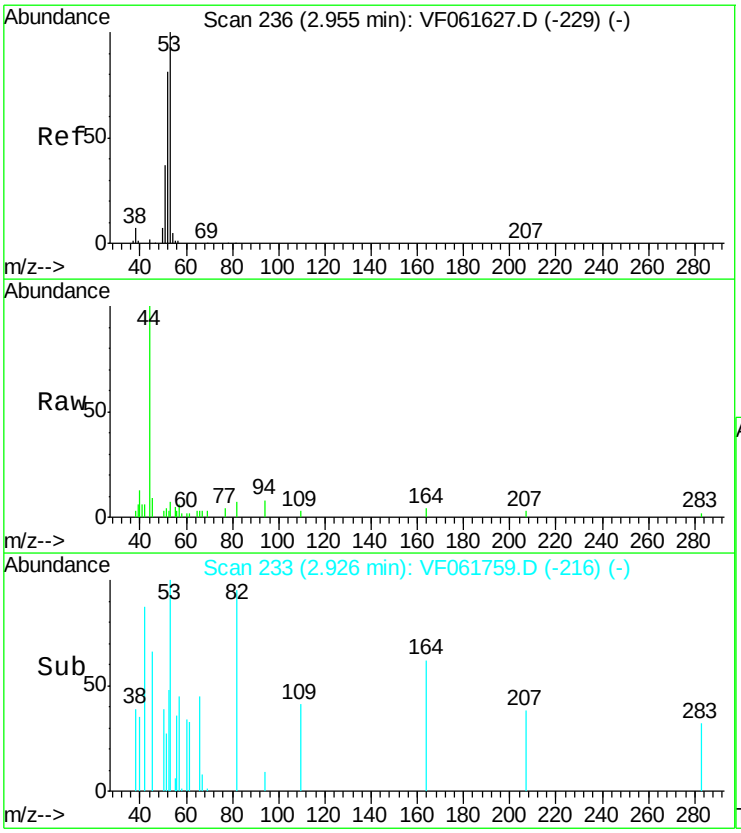
#13
Acrolein
Concen: 1.281 ug/l
RT: 1.90 min Scan# 129
Delta R.T. -0.11 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Instrument : MSVOA_F
ClientSampleId : SB-02

Tgt Ion: 56 Resp: 206

Ion	Ratio	Lower	Upper
56	100		
55	80.6	55.0	82.6

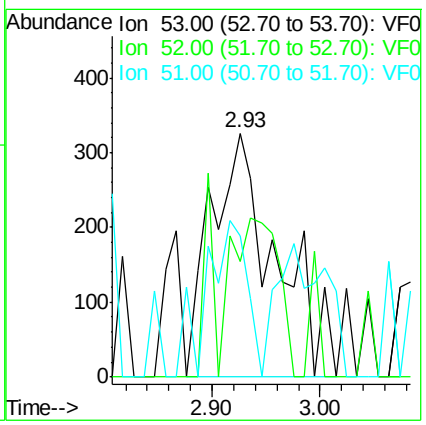


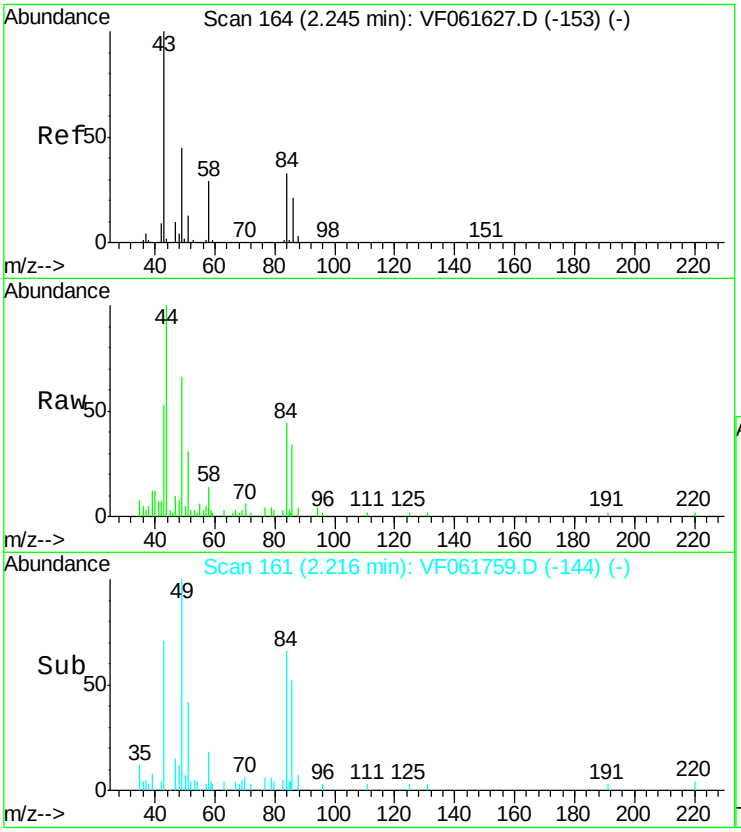


#15
Acrylonitrile
Concen: 3.011 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion: 53 Resp: 1366

Ion	Ratio	Lower	Upper
53	100		
52	47.5	64.6	97.0#
51	57.7	29.8	44.8#



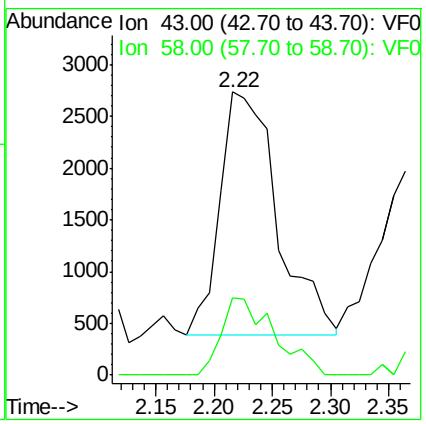


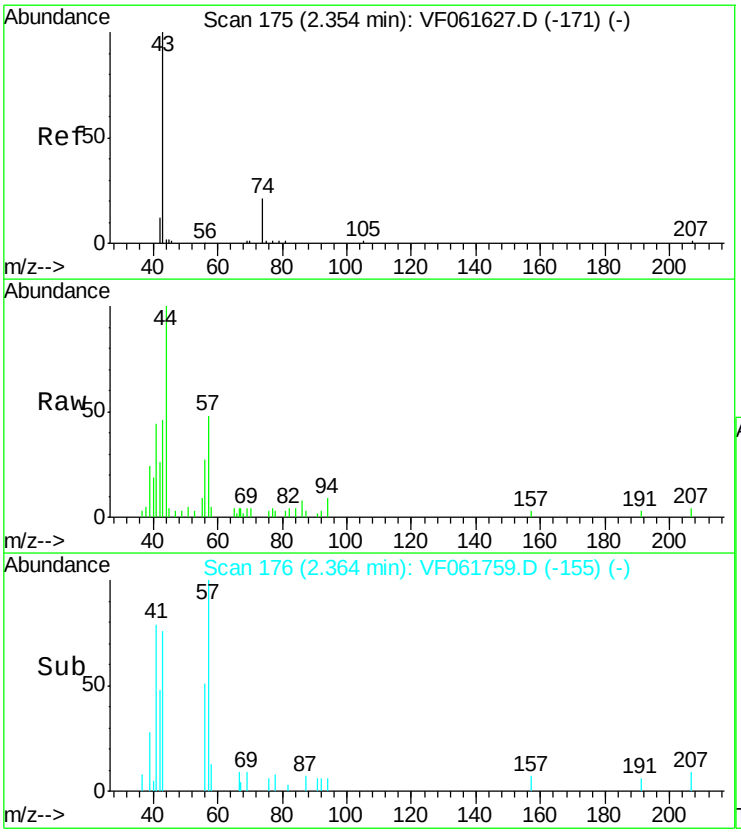
#16
Acetone
Concen: 16.976 ug/l
RT: 2.22 min Scan# 161
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Instrument : MSVOA_F
ClientSampleId : SB-02

Tgt Ion: 43 Resp: 8050

Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.9	34.3

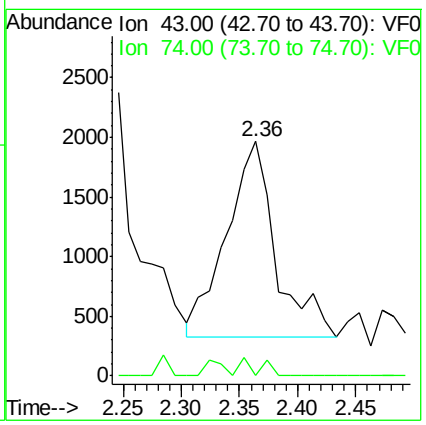


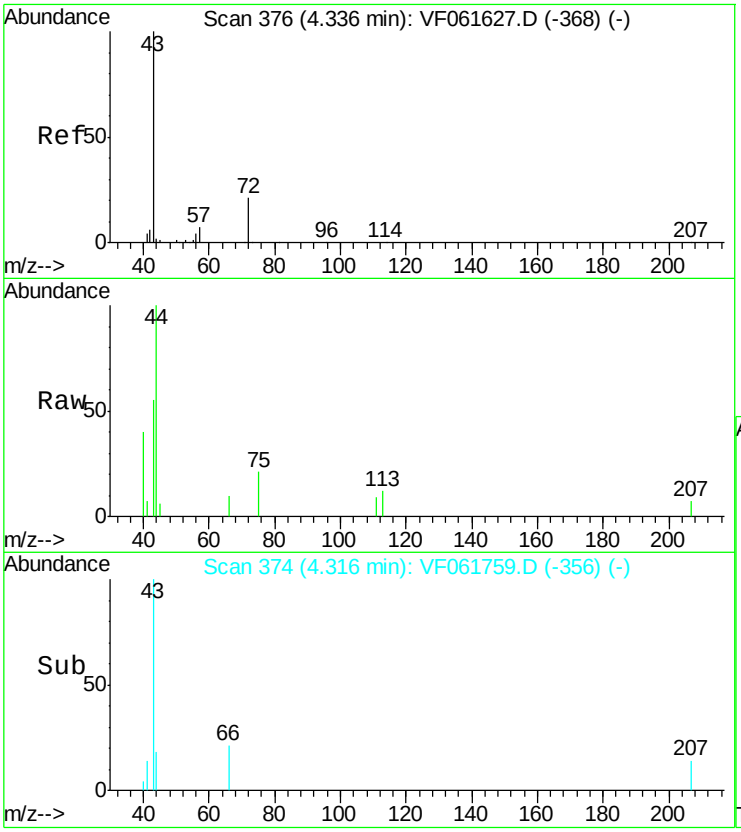


#18
Methyl Acetate
Concen: 4.494 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion: 43 Resp: 4801

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#



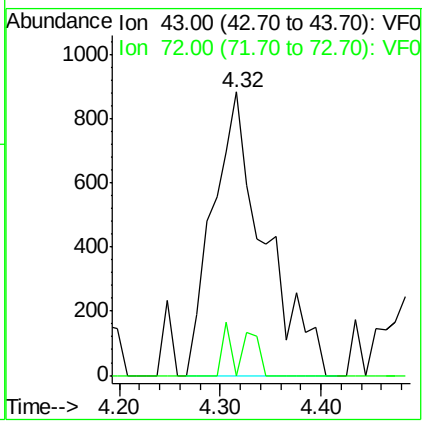


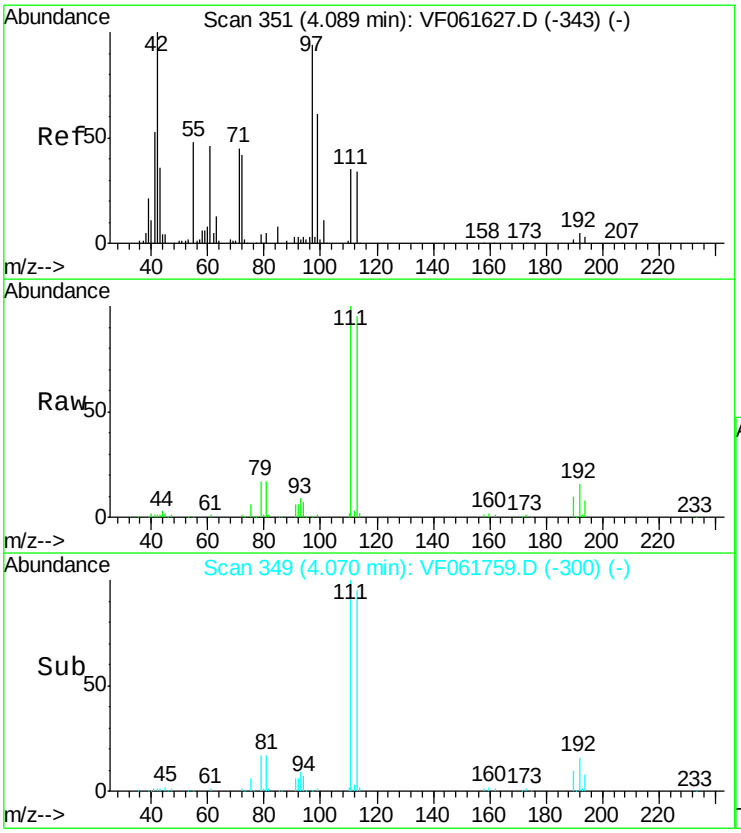
#25
2-Butanone
Concen: 3.036 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.02 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Instrument : MSVOA_F
ClientSampleId : SB-02

Tgt Ion: 43 Resp: 3145

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.1	25.7#

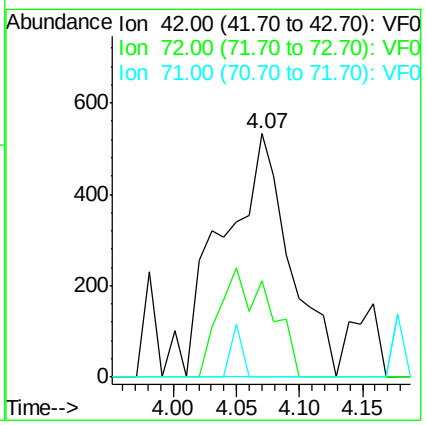


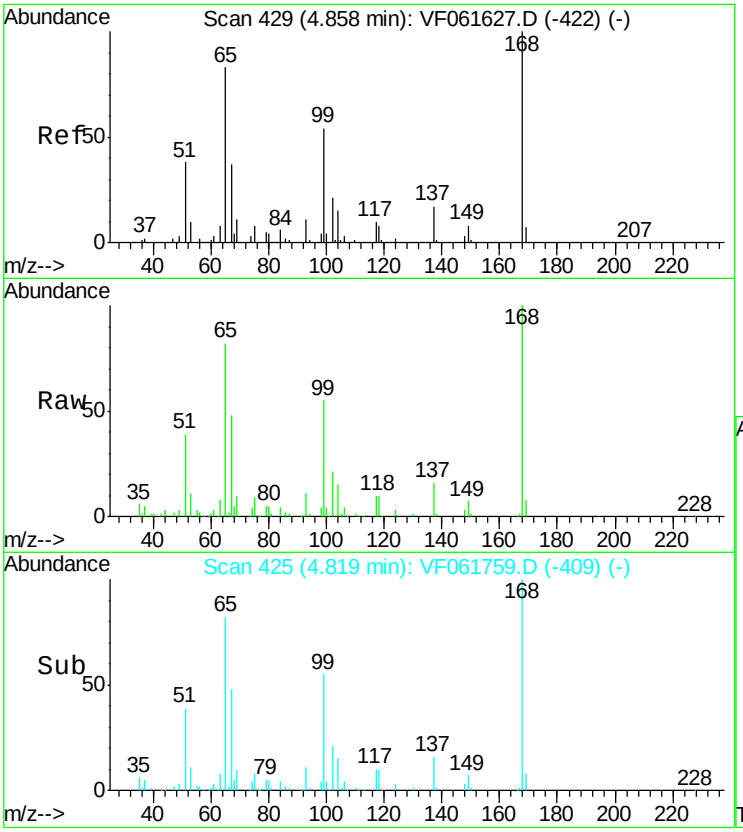


#29
Tetrahydrofuran
Concen: 4.117 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.02 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion: 42 Resp: 1938

Ion	Ratio	Lower	Upper
42	100		
72	34.2	35.2	52.8#
71	3.6	32.9	49.3#



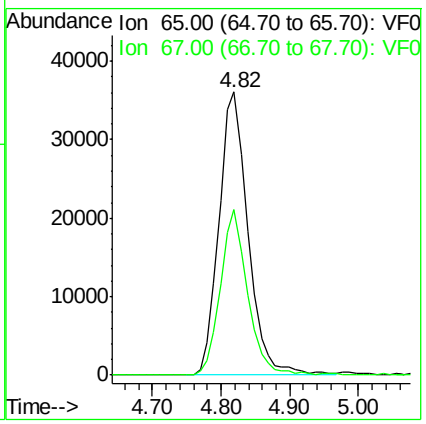


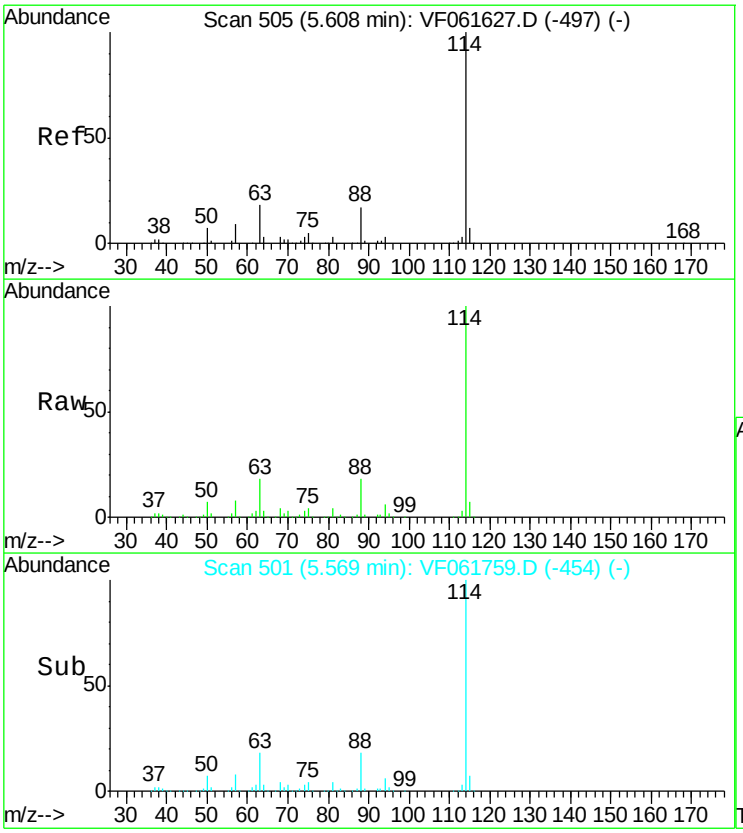
#33
1,2-Dichloroethane-d4
Concen: 47.842 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Instrument :
MSVOA_F
ClientSampleId :
SB-02

Tgt Ion: 65 Resp: 105739

Ion	Ratio	Lower	Upper
65	100		
67	58.6	0.0	104.0

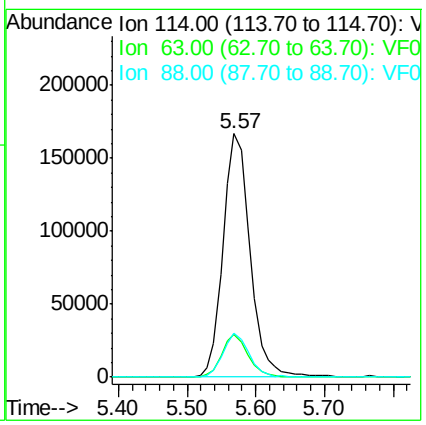


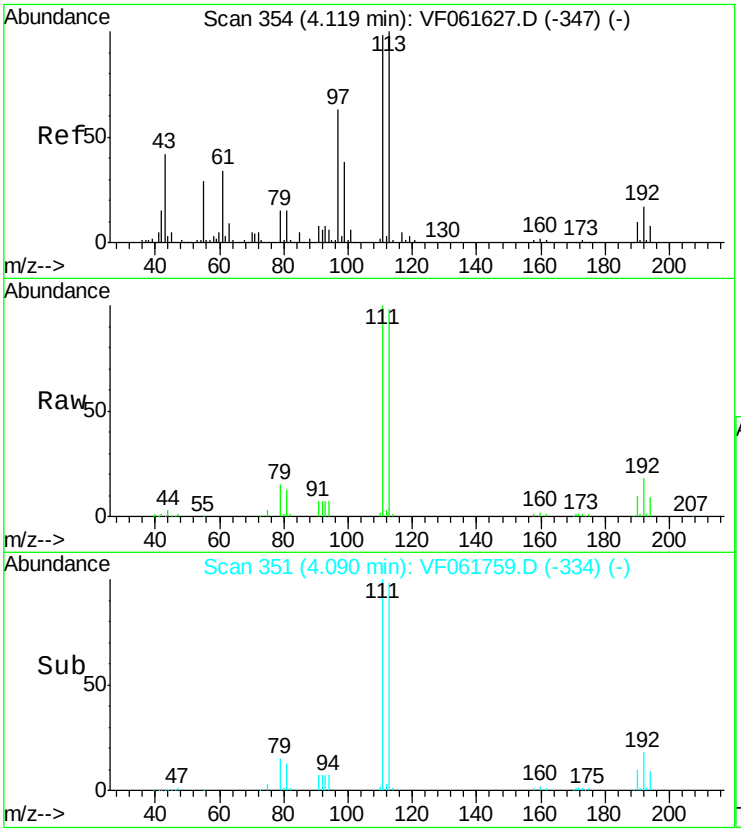


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.04 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion:114 Resp: 454349

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.6
88	17.9	0.0	34.4



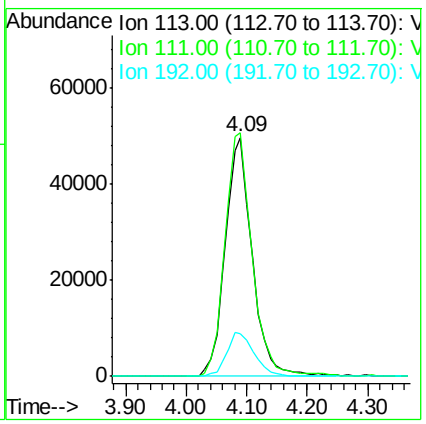


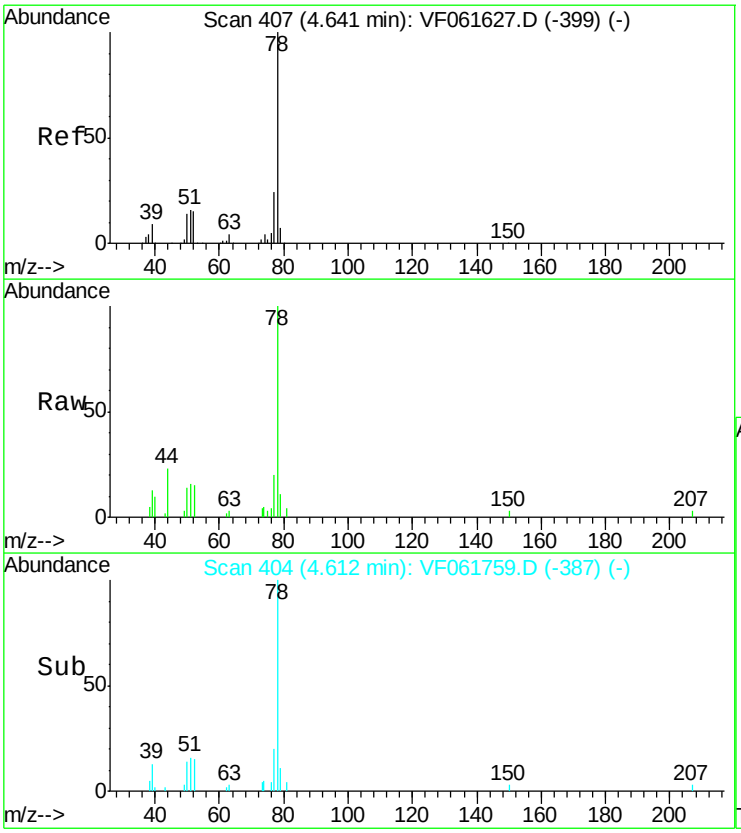
#35
Dibromofluoromethane
Concen: 45.481 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Instrument :
MSVOA_F
ClientSampleId :
SB-02

Tgt Ion:113 Resp: 153454

Ion	Ratio	Lower	Upper
113	100		
111	102.0	78.8	118.2
192	18.1	13.4	20.0

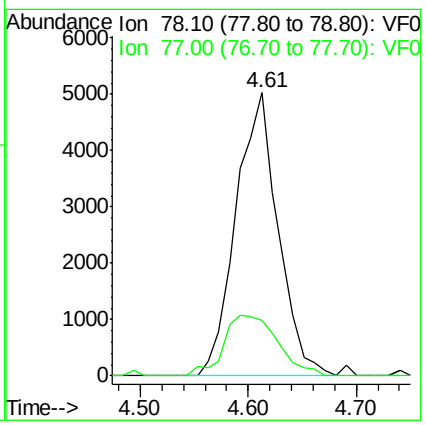


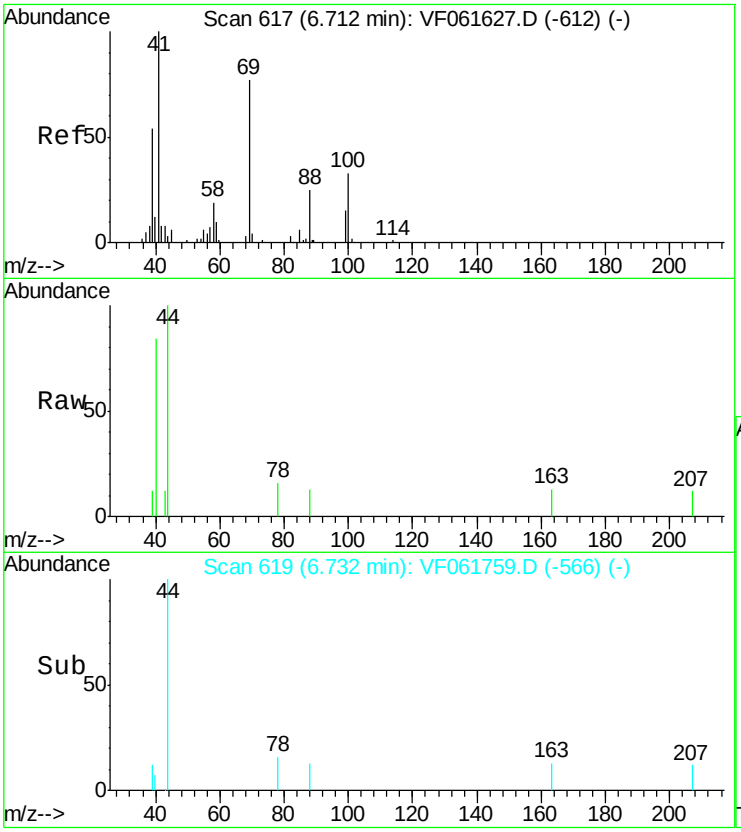


#40
Benzene
Concen: 1.161 ug/l
RT: 4.61 min Scan# 404
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion: 78 Resp: 13670

Ion	Ratio	Lower	Upper
78	100		
77	19.8	19.0	28.6



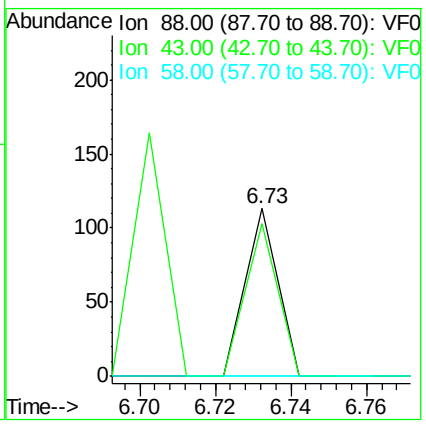


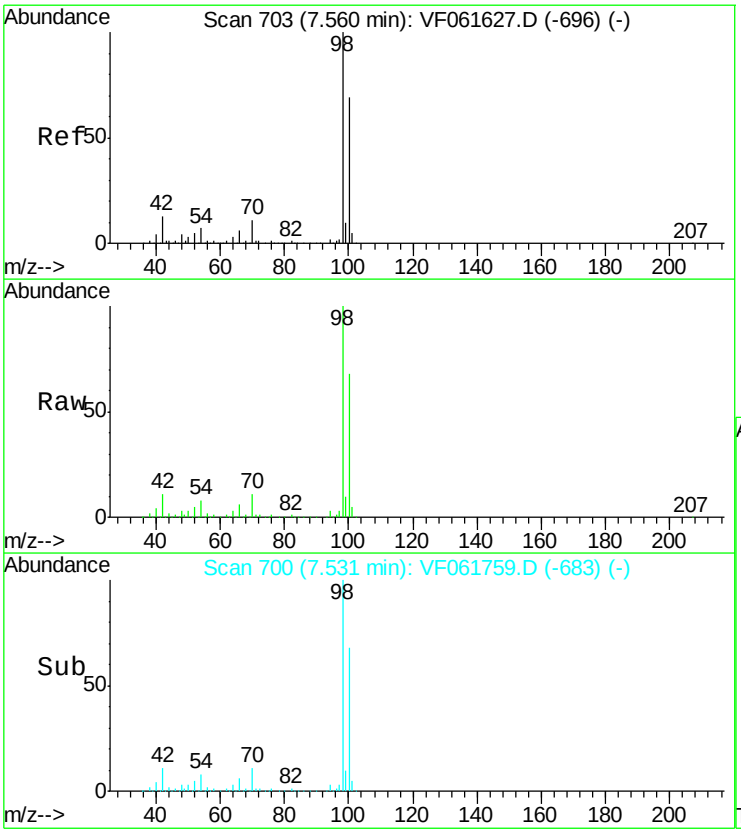
#49
1,4-Dioxane
Concen: 4.786 ug/l
RT: 6.73 min Scan# 619
Delta R.T. 0.02 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Instrument : MSVOA_F
ClientSampleId : SB-02

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	91.2	32.3	48.5#
58	0.0	59.4	89.2#

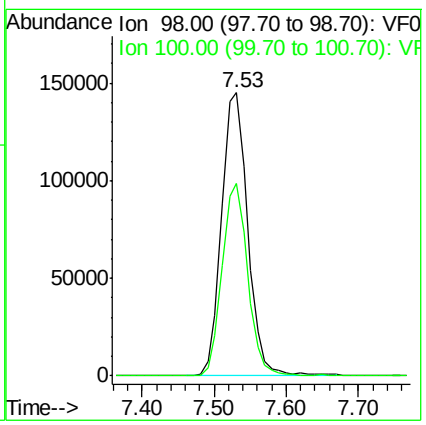


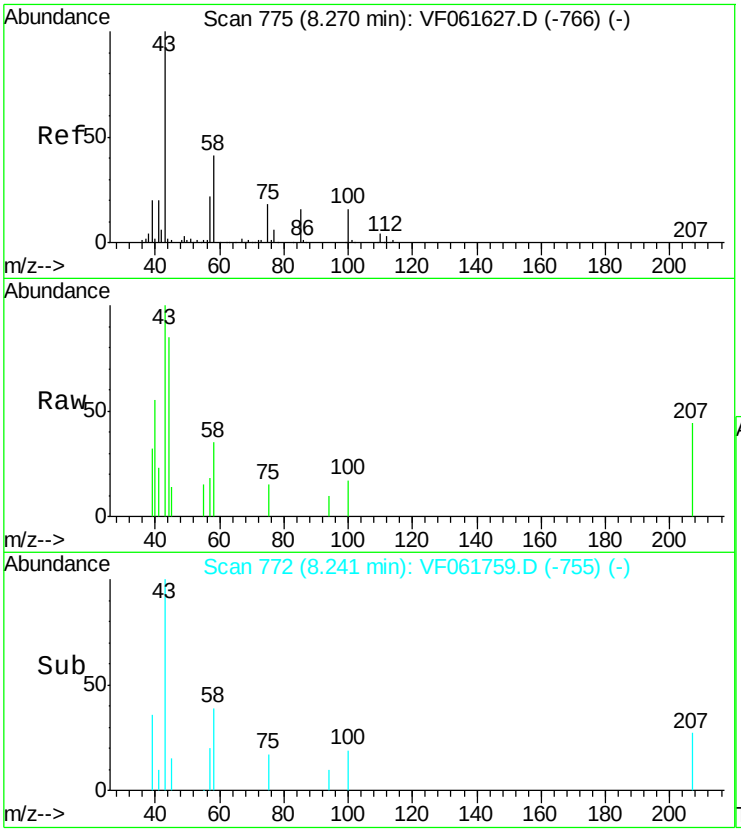


#50
Toluene-d8
Concen: 37.745 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion: 98 Resp: 366107

Ion	Ratio	Lower	Upper
98	100		
100	68.1	55.4	83.2



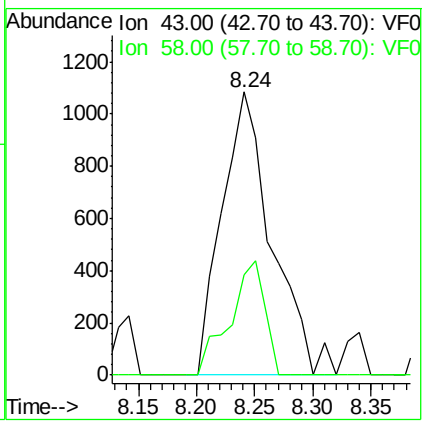


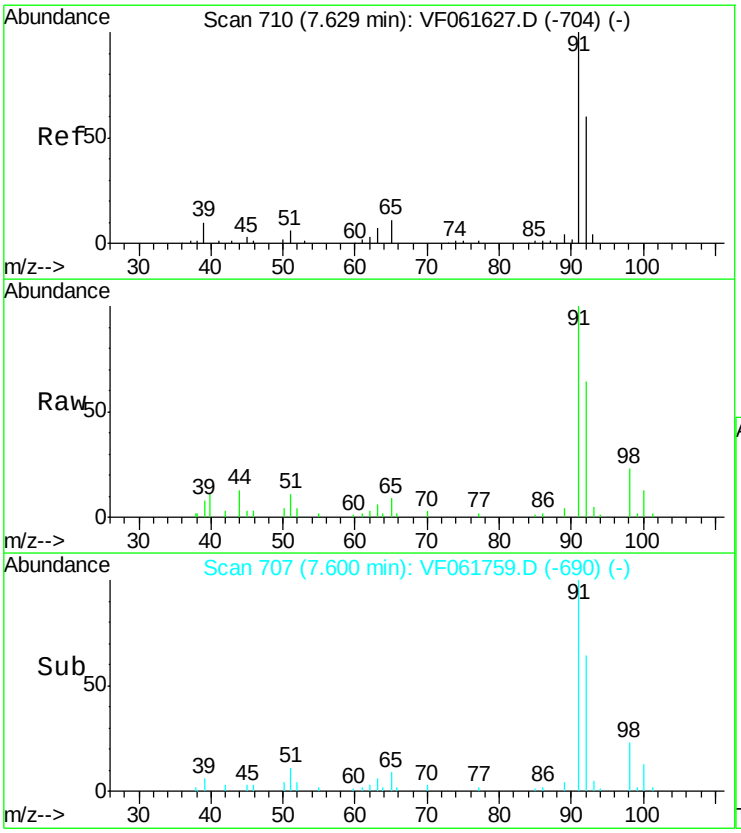
#51
4-Methyl-2-Pentanone
Concen: 1.822 ug/l
RT: 8.24 min Scan# 772
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Instrument : MSVOA_F
ClientSampleId : SB-02

Tgt Ion: 43 Resp: 3221

Ion	Ratio	Lower	Upper
43	100		
58	35.4	33.1	49.7

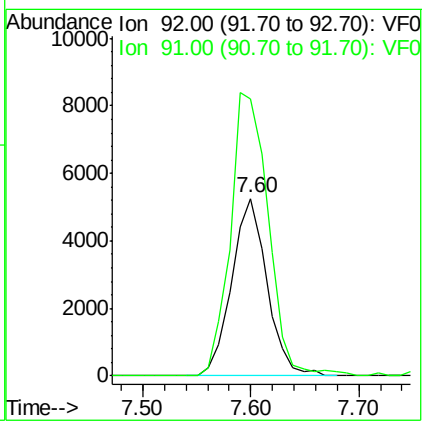


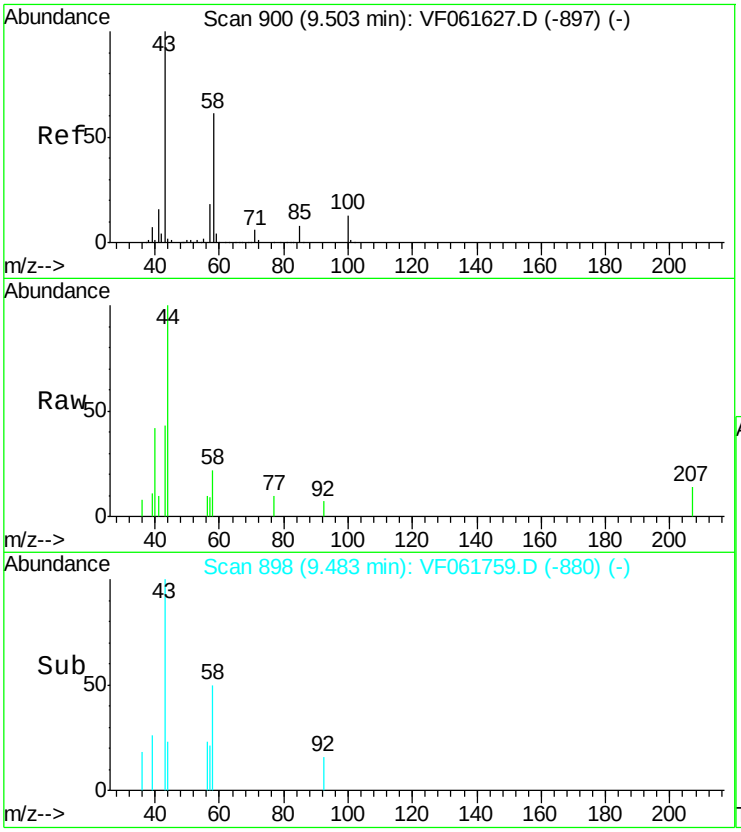


#52
Toluene
Concen: 1.675 ug/l
RT: 7.60 min Scan# 707
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion: 92 Resp: 11962

Ion	Ratio	Lower	Upper
92	100		
91	156.1	133.9	200.9



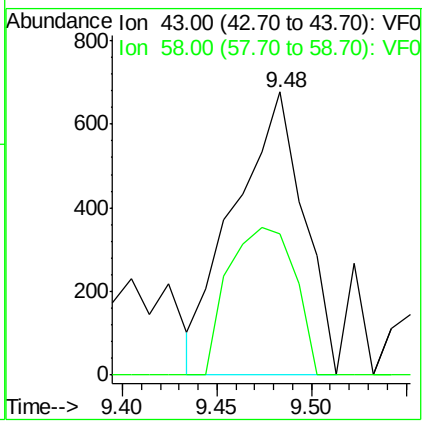


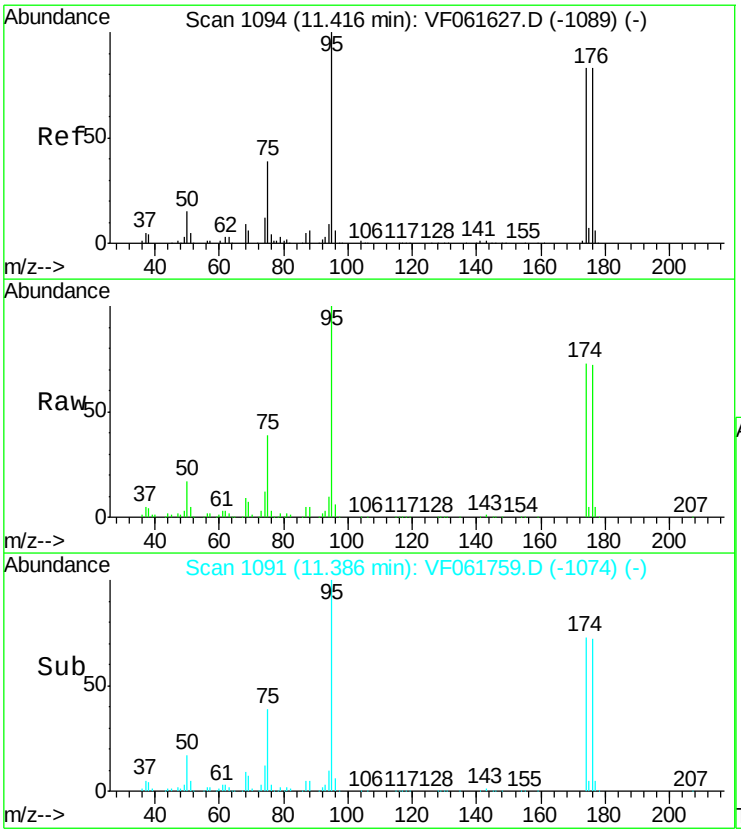
#59
2-Hexanone
Concen: 1.397 ug/l
RT: 9.48 min Scan# 898
Delta R.T. -0.02 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Instrument : MSVOA_F
ClientSampleId : SB-02

Tgt Ion: 43 Resp: 1731

Ion	Ratio	Lower	Upper
43	100		
58	49.9	28.5	85.5

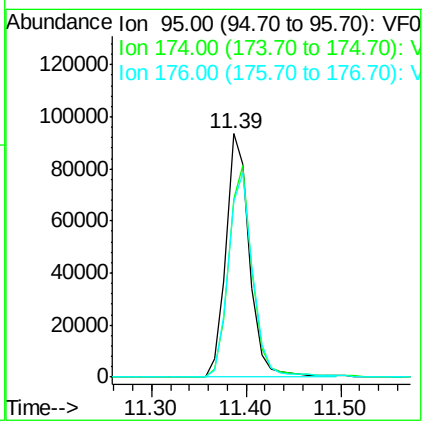


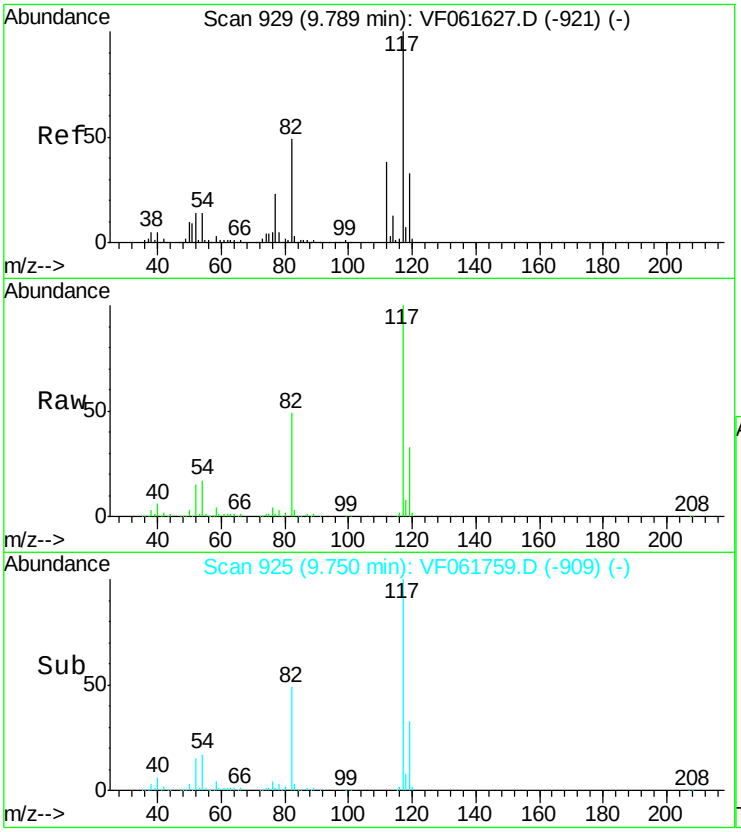


#62
4-Bromofluorobenzene
Concen: 41.267 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion: 95 Resp: 161955

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	165.8
176	72.0	0.0	167.0



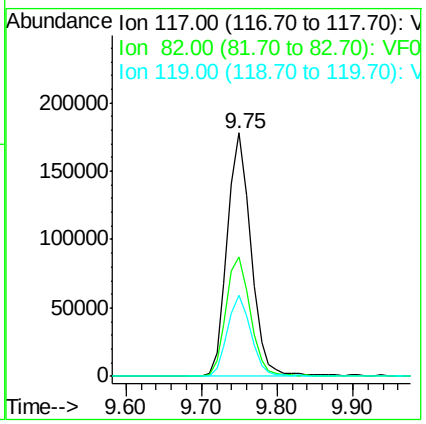


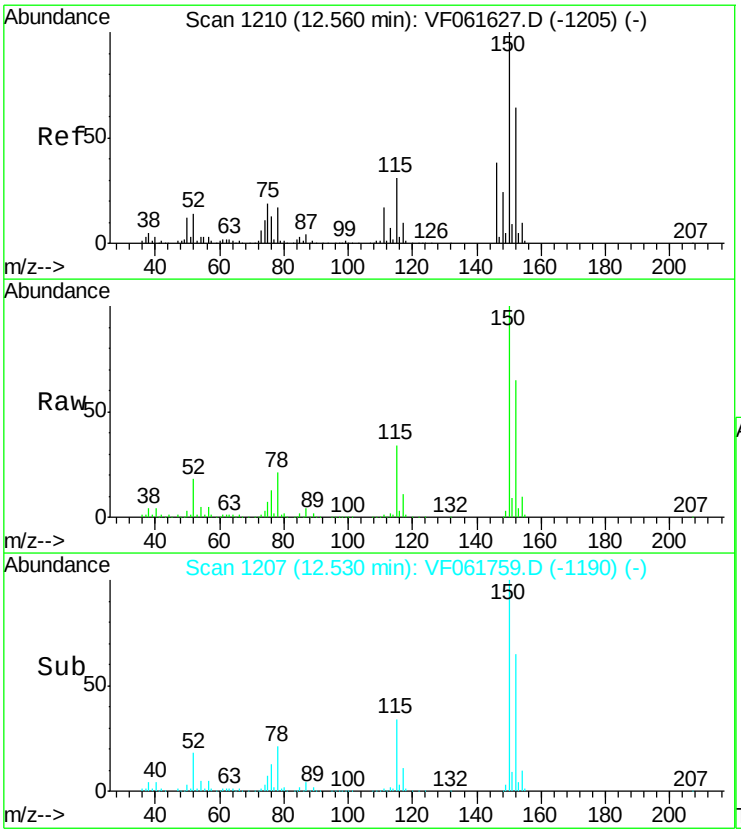
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.04 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Instrument : MSVOA_F
ClientSampleId : SB-02

Tgt Ion:117 Resp: 387806

Ion	Ratio	Lower	Upper
117	100		
82	48.9	39.3	58.9
119	33.1	26.6	40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.03 min
Lab File: VF061759.D
Acq: 26 Feb 2019 23:47

Tgt Ion:152 Resp: 201110

Ion	Ratio	Lower	Upper
152	100		
115	52.0	24.3	72.8
150	152.9	0.0	312.0