Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF030119\
Data File : VF061802.D
Acq On : 1 Mar 2019 14:49
Operator : VA/AP
Sample : VF0301SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0301SBL01

Quant Time: Mar 02 02:44:42 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	4.85	168	296002	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	432952	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	376611	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	226318	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	129303	59.57	ug/l	-0.04
Spiked Amount 50.000			Recovery = 119.14%			
35) Dibromofluoromethane	4.09	113	191844	59.67	ug/l	-0.03
Spiked Amount 50.000			Recovery = 119.34%			
50) Toluene-d8	7.54	98	481021	52.04	ug/l	-0.02
Spiked Amount 50.000			Recovery = 104.08%			
62) 4-Bromofluorobenzene	11.40	95	213331	57.04	ug/l	-0.02
Spiked Amount 50.000			Recovery = 114.08%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.55	59	448	3.566	ug/l #	63
13) Acrolein	2.14	56	529	3.351	ug/l	91
15) Acrylonitrile	2.93	53	1895	4.253	ug/l #	56
16) Acetone	2.22	43	2467	5.297	ug/l	96
18) Methyl Acetate	2.36	43	4149	3.955	ug/l #	71
20) Methylene Chloride	2.17	84	3802	Below Cal		90
25) 2-Butanone	4.32	43	2261	2.223	ug/l	99
29) Tetrahydrofuran	4.07	42	1251	2.706	ug/l #	64
49) 1,4-Dioxane	6.70	88	67	5.023	ug/l #	1
51) 4-Methyl-2-Pentanone	8.25	43	5637	3.346	ug/l	88
59) 2-Hexanone	9.48	43	7877	6.669	ug/l	75
74) N-amyl acetate	11.37	43	5288	1.367	ug/l #	89
95) Naphthalene	14.44	128	14198	1.534	ug/l	98

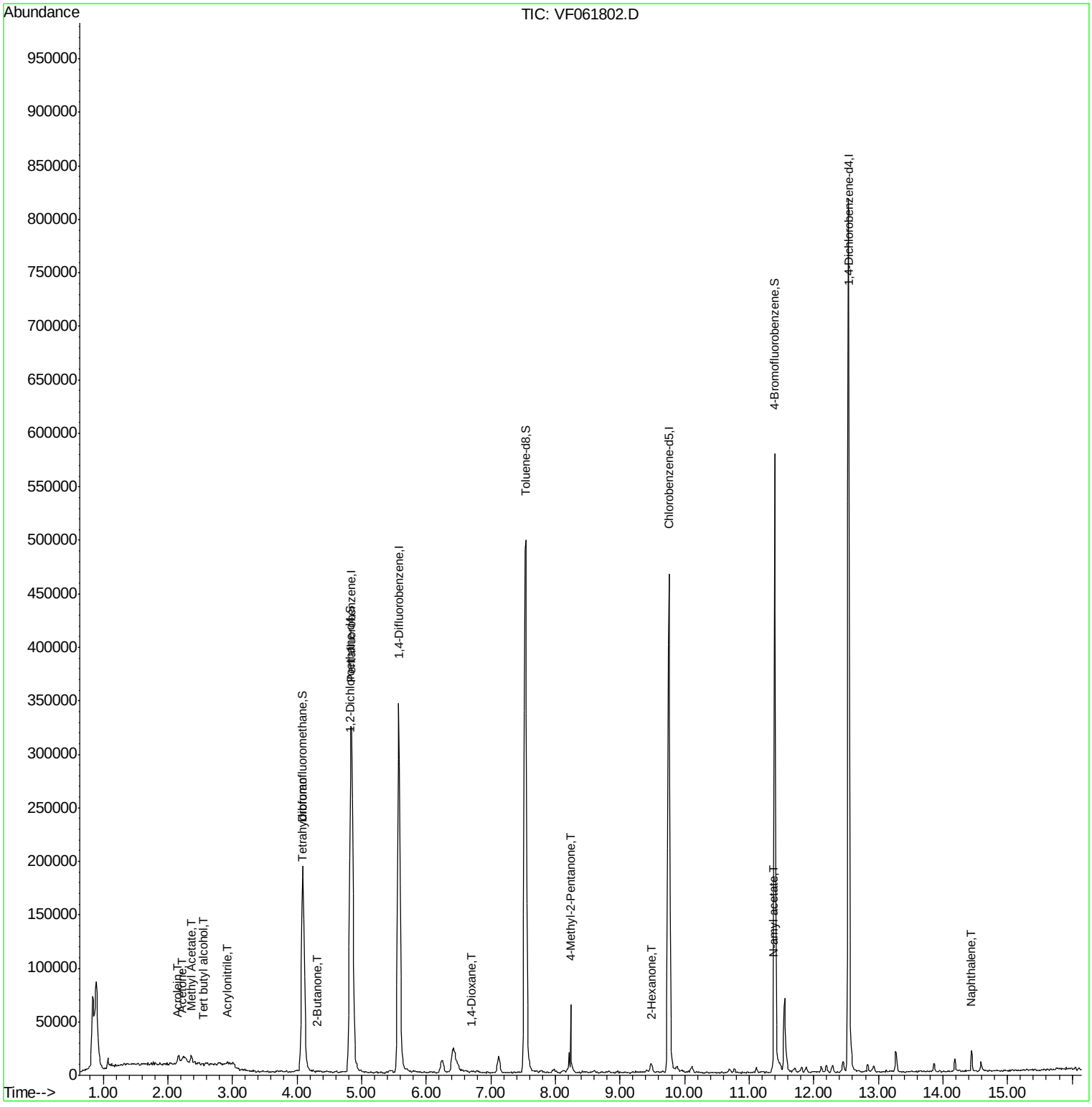
(#) = qualifier out of range (m) = manual integration (+) = signals summed

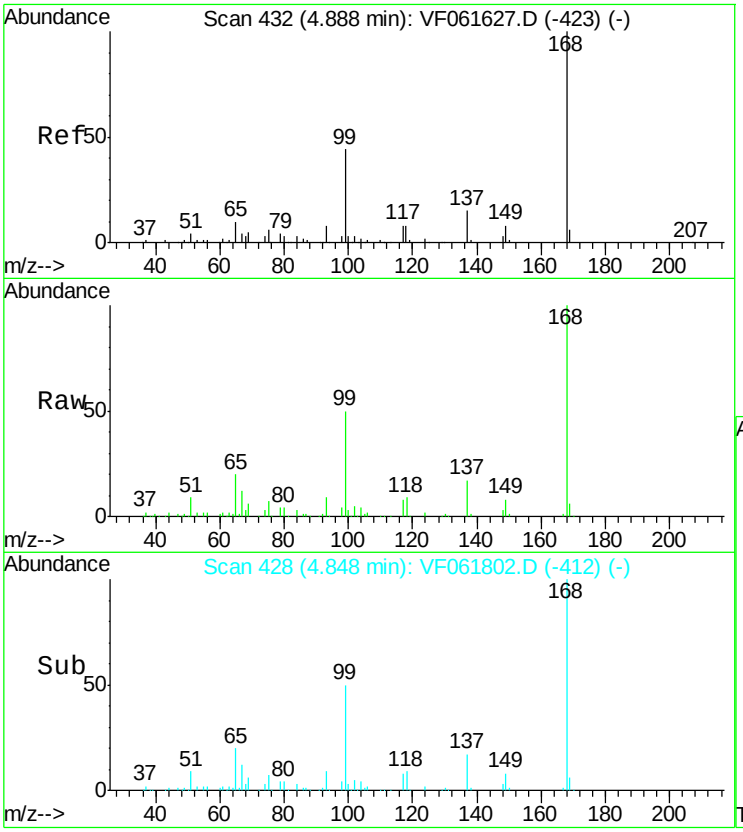
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030119\
Data File : VF061802.D
Acq On : 1 Mar 2019 14:49
Operator : VA/AP
Sample : VF0301SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0301SBL01

Quant Time: Mar 02 02:44:42 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



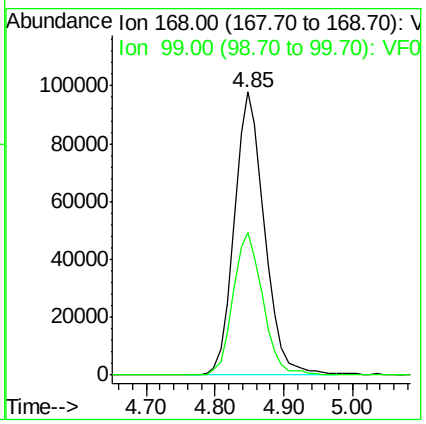


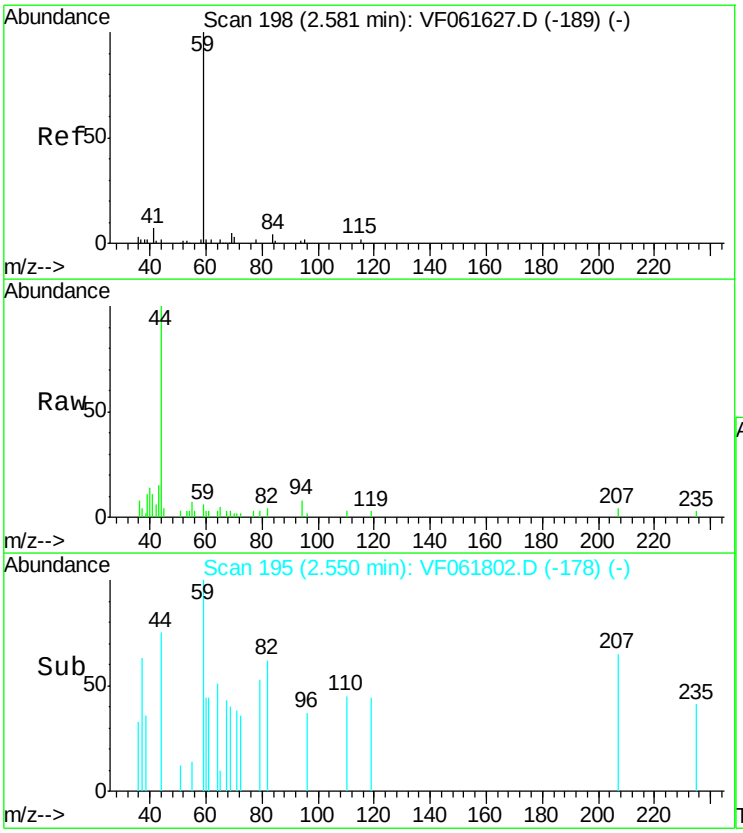
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.04 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :
VF0301SBL01

Tgt Ion:168 Resp: 296002

Ion	Ratio	Lower	Upper
168	100		
99	50.3	34.9	52.3

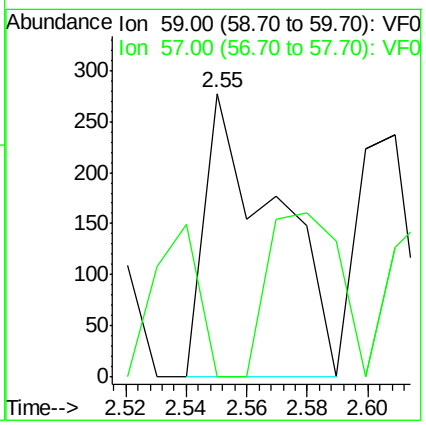


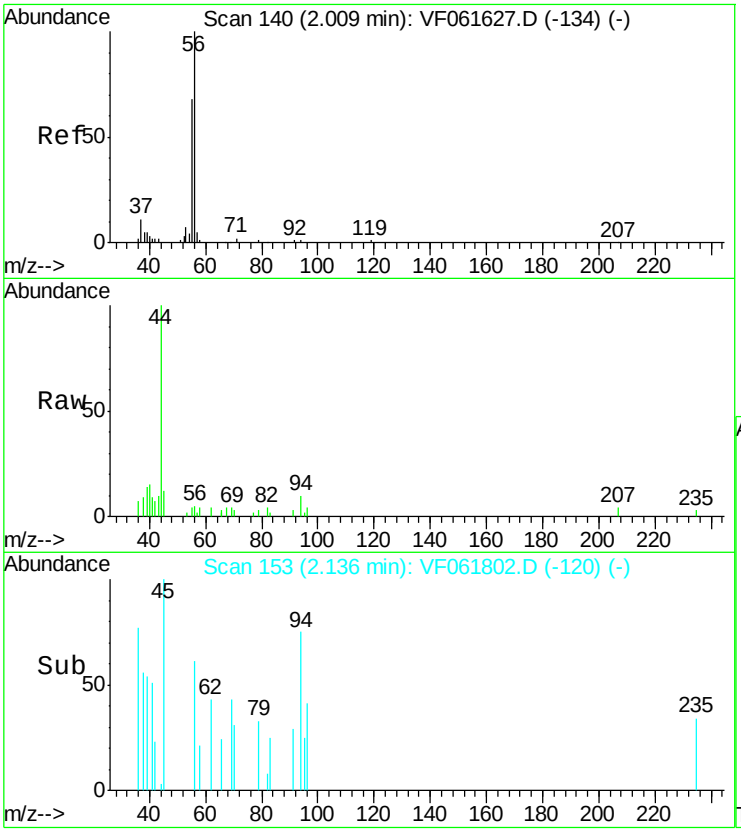


#11
Tert butyl alcohol
Concen: 3.566 ug/l
RT: 2.55 min Scan# 195
Delta R.T. -0.03 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Tgt Ion: 59 Resp: 448

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.5	18.7#



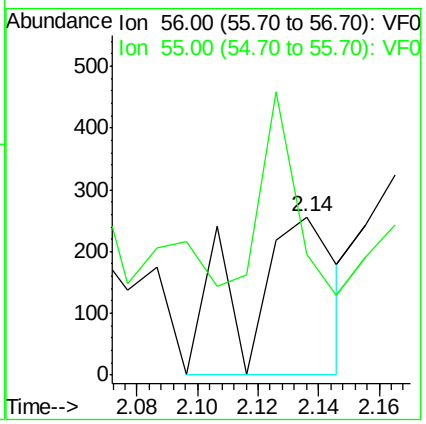


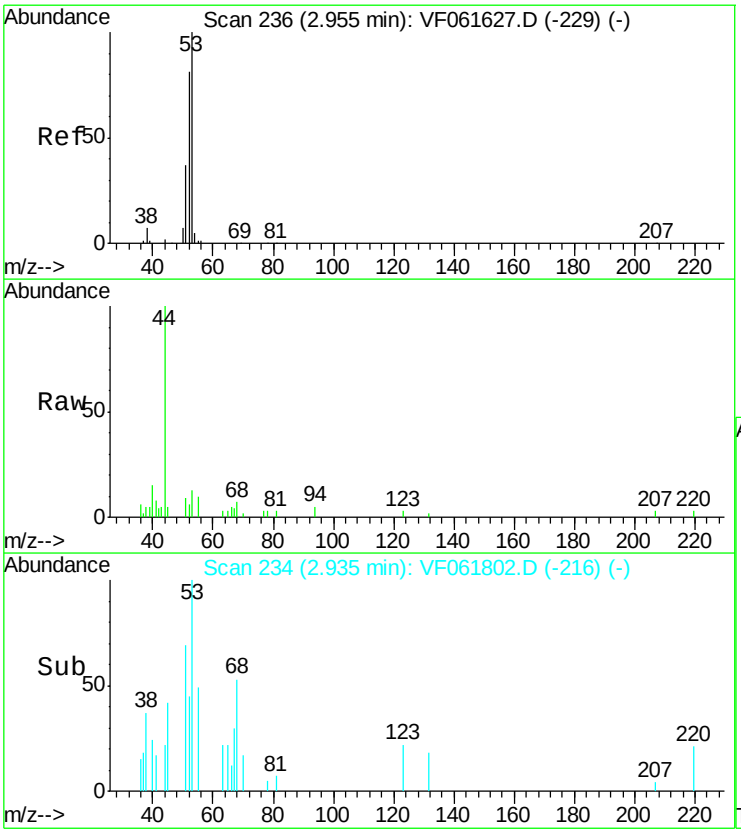
#13
Acrolein
Concen: 3.351 ug/l
RT: 2.14 min Scan# 153
Delta R.T. 0.13 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :
VF0301SBL01

Tgt Ion: 56 Resp: 529

Ion	Ratio	Lower	Upper
56	100		
55	76.2	55.0	82.6

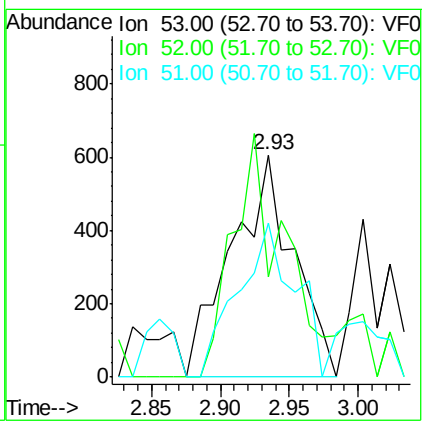


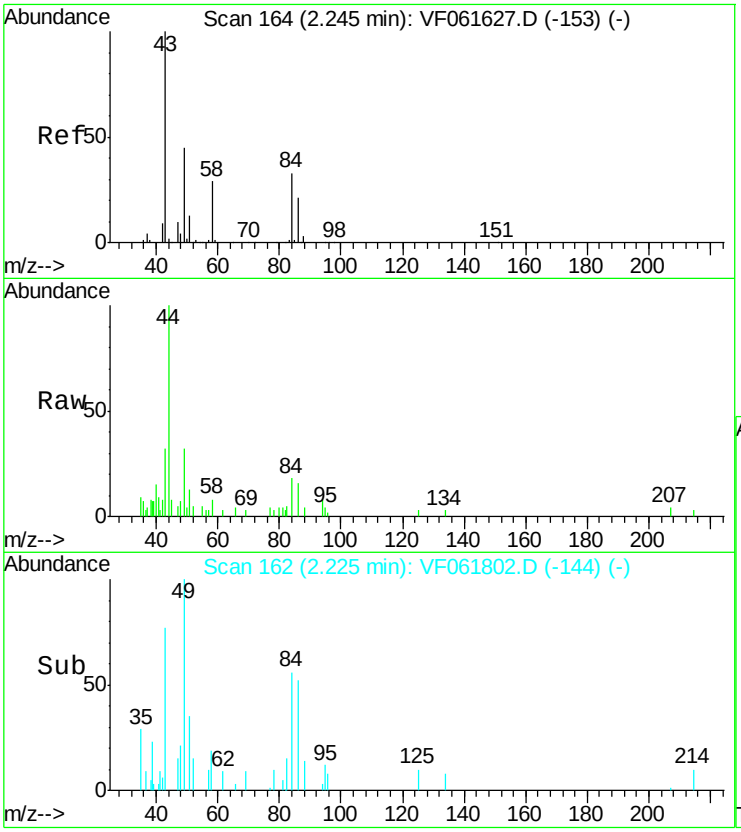


#15
Acrylonitrile
Concen: 4.253 ug/l
RT: 2.93 min Scan# 234
Delta R.T. -0.02 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Tgt Ion: 53 Resp: 1895

Ion	Ratio	Lower	Upper
53	100		
52	45.1	64.6	97.0#
51	69.2	29.8	44.8#



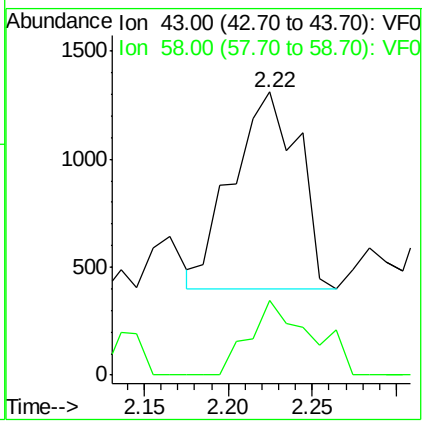


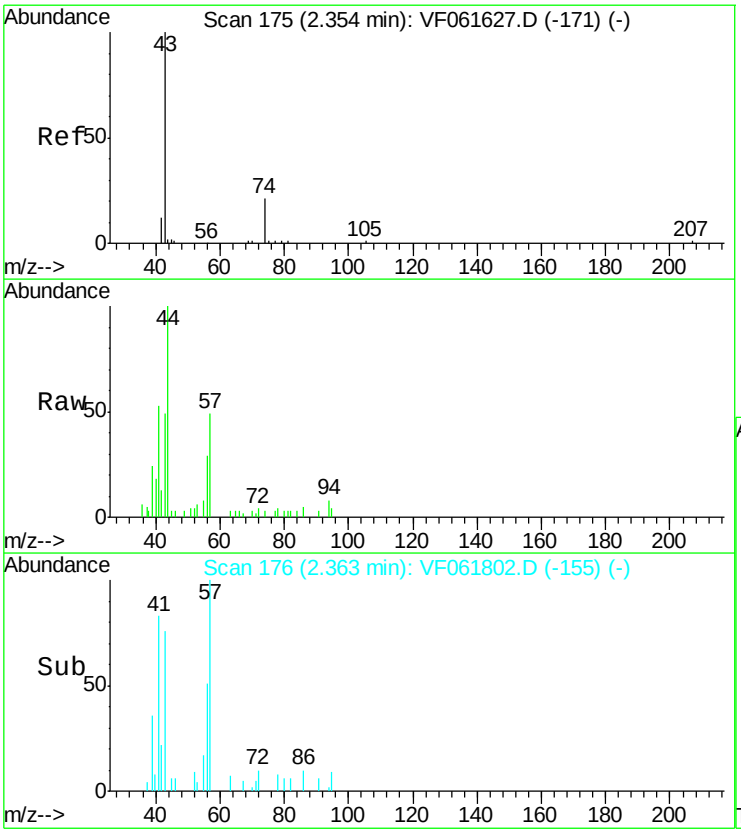
#16
Acetone
Concen: 5.297 ug/l
RT: 2.22 min Scan# 162
Delta R.T. -0.02 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :
VF0301SBL01

Tgt Ion: 43 Resp: 2467

Ion	Ratio	Lower	Upper
43	100		
58	26.6	22.9	34.3

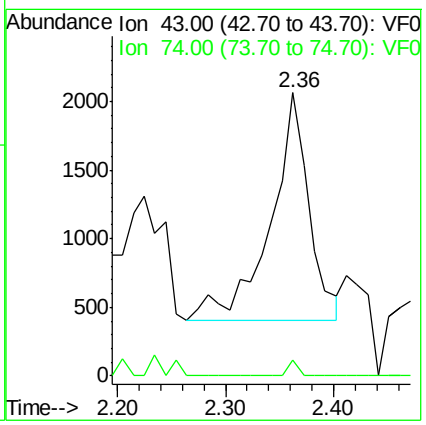


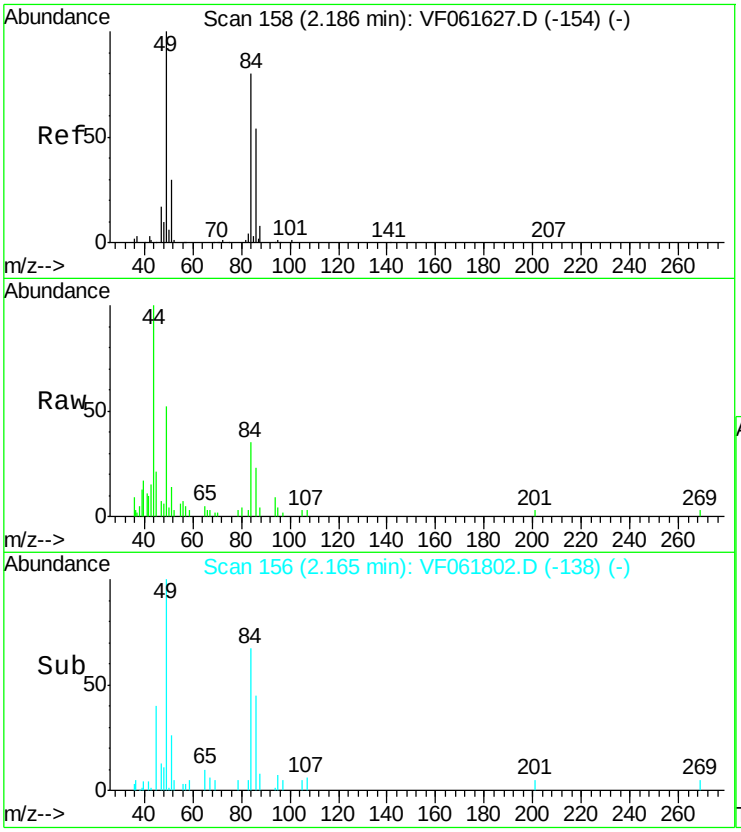


#18
Methyl Acetate
Concen: 3.955 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.01 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Tgt Ion: 43 Resp: 4149

Ion	Ratio	Lower	Upper
43	100		
74	5.4	14.6	21.8#



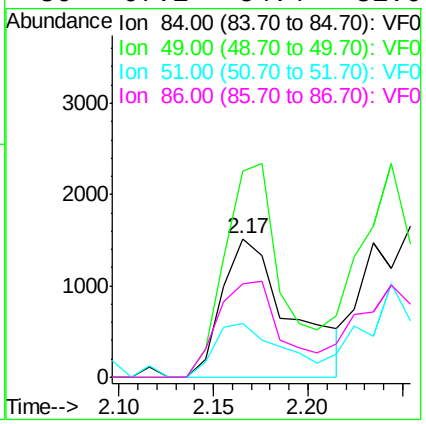


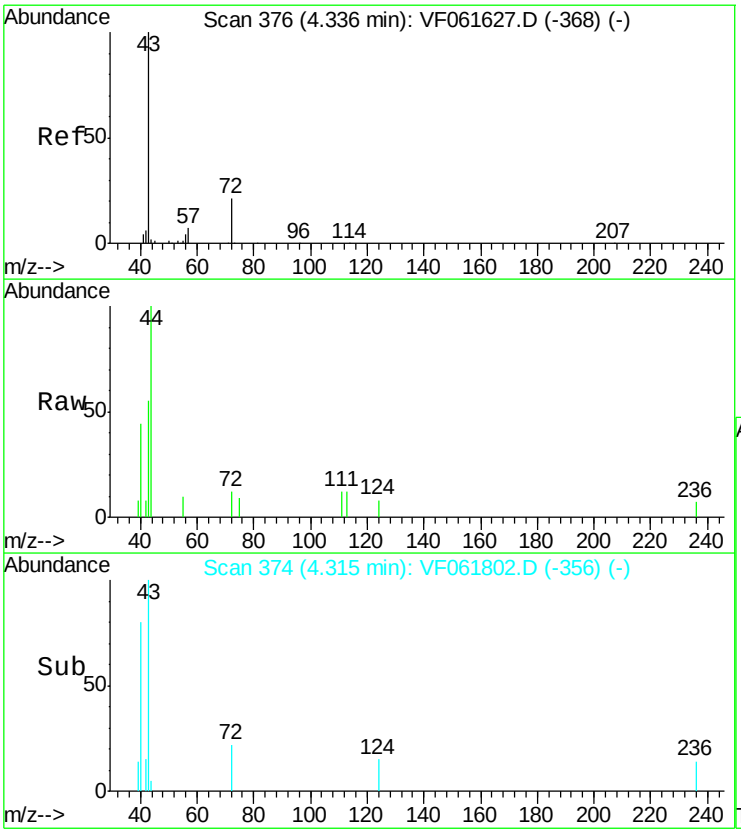
#20
Methylene Chloride
Concen: Below Cal
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Instrument : MSVOA_F
ClientSampleId : VF0301SBL01

Tgt Ion: 84 Resp: 3802

Ion	Ratio	Lower	Upper
84	100		
49	148.4	101.8	152.8
51	39.2	31.1	46.7
86	67.1	54.4	81.6

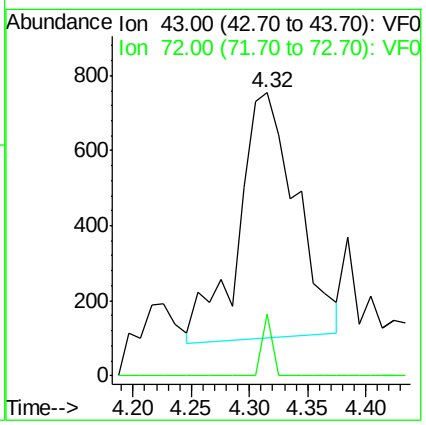


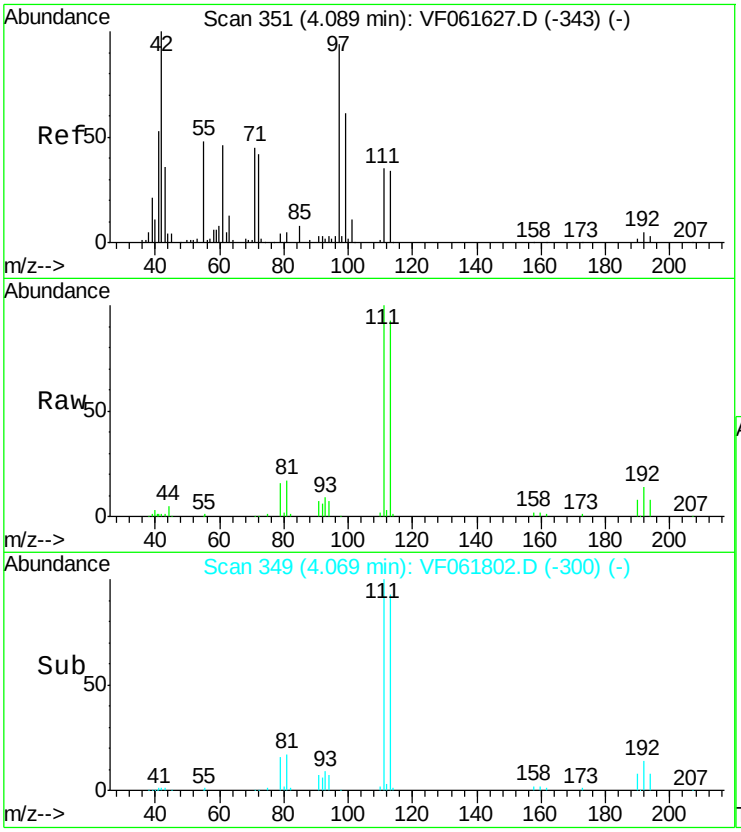


#25
2-Butanone
Concen: 2.223 ug/l
RT: 4.32 min Scan# 374
Delta R.T. -0.02 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Tgt Ion: 43 Resp: 2261

Ion	Ratio	Lower	Upper
43	100		
72	21.8	17.1	25.7



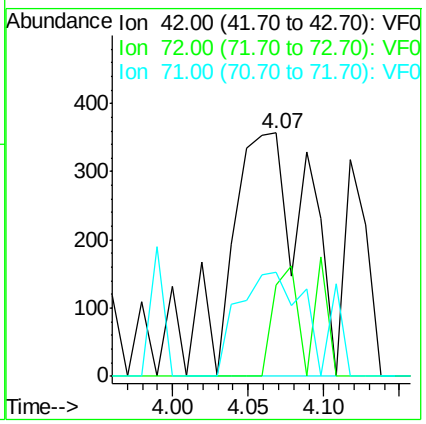


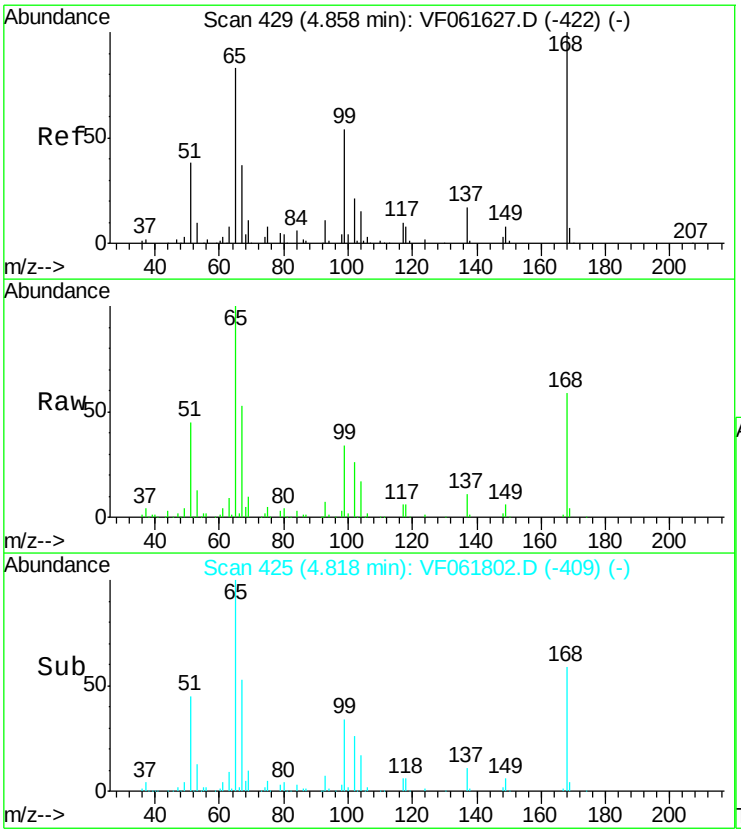
#29
Tetrahydrofuran
Concen: 2.706 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.02 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Instrument : MSVOA_F
ClientSampleId : VF0301SBL01

Tgt Ion: 42 Resp: 1251

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.2	52.8#
71	41.9	32.9	49.3

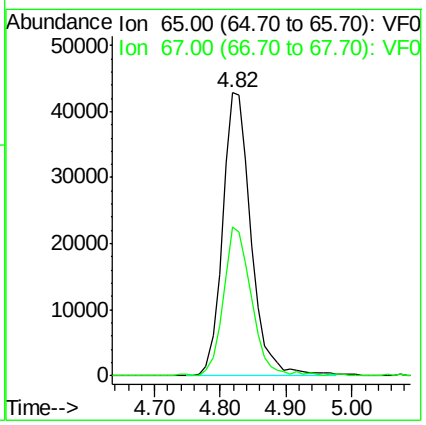


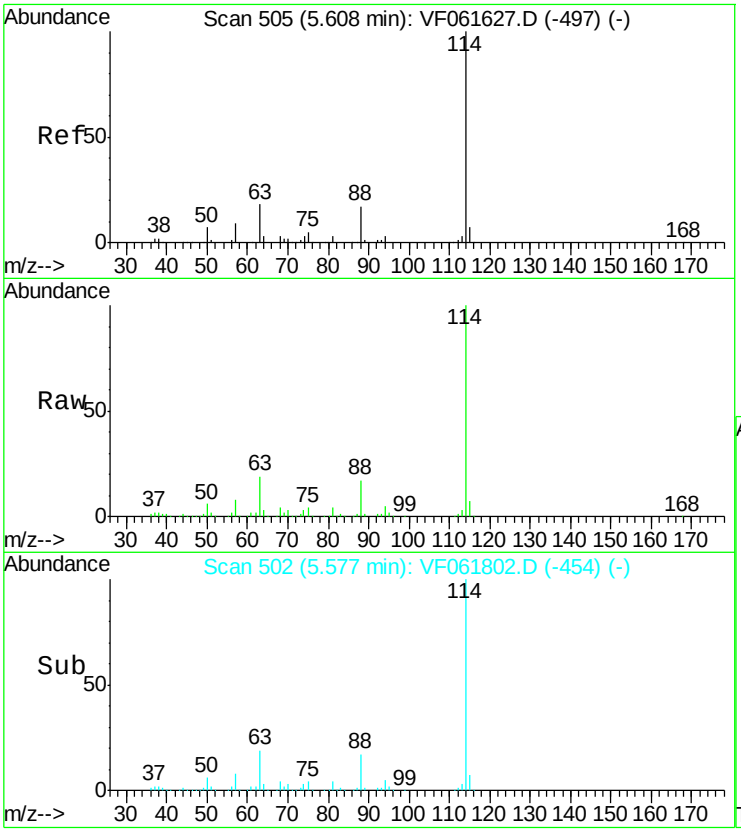


#33
1,2-Dichloroethane-d4
Concen: 59.570 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.04 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Tgt Ion: 65 Resp: 129303

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.0



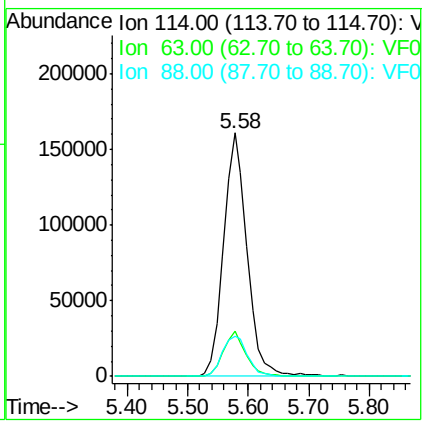


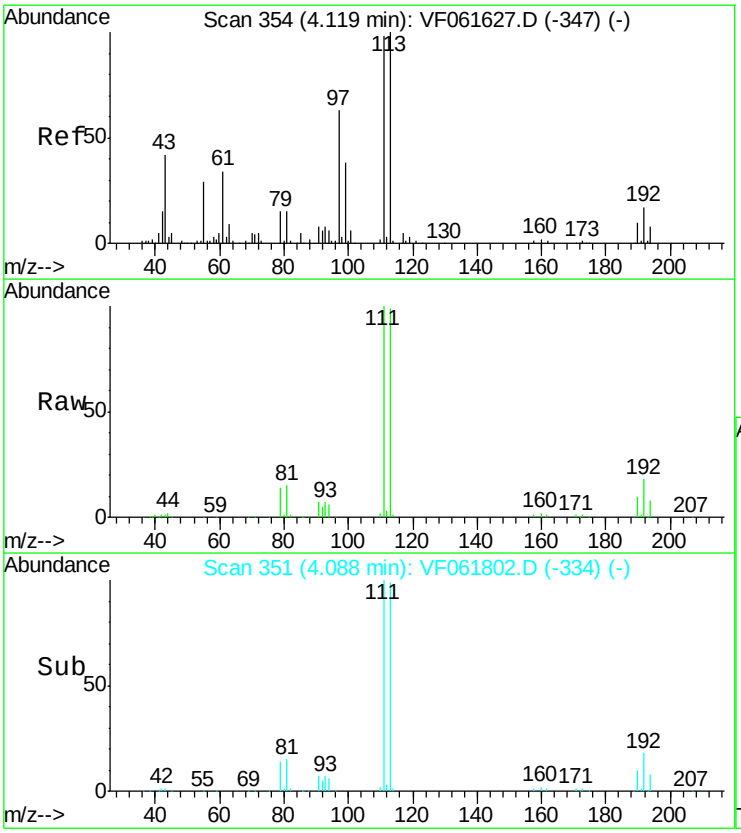
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.03 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :
VF0301SBL01

Tgt Ion:114 Resp: 432952

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.6
88	16.6	0.0	34.4

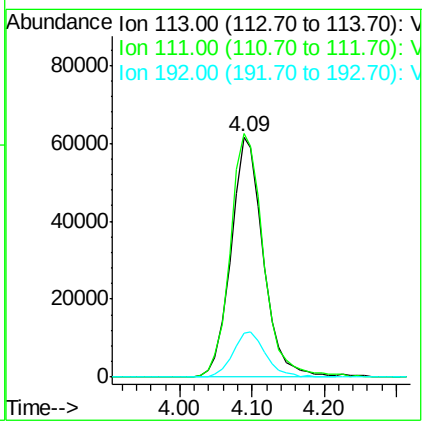


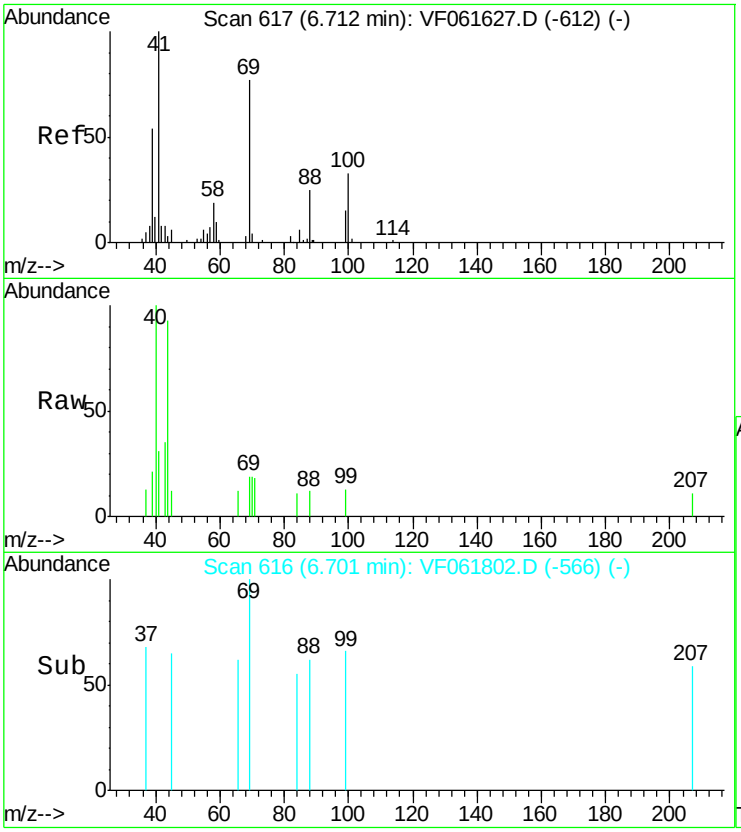


#35
Dibromofluoromethane
Concen: 59.669 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.03 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Tgt Ion:113 Resp: 191844

Ion	Ratio	Lower	Upper
113	100		
111	101.4	78.8	118.2
192	18.5	13.4	20.0



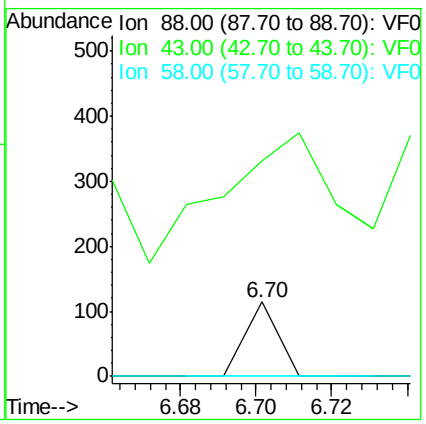


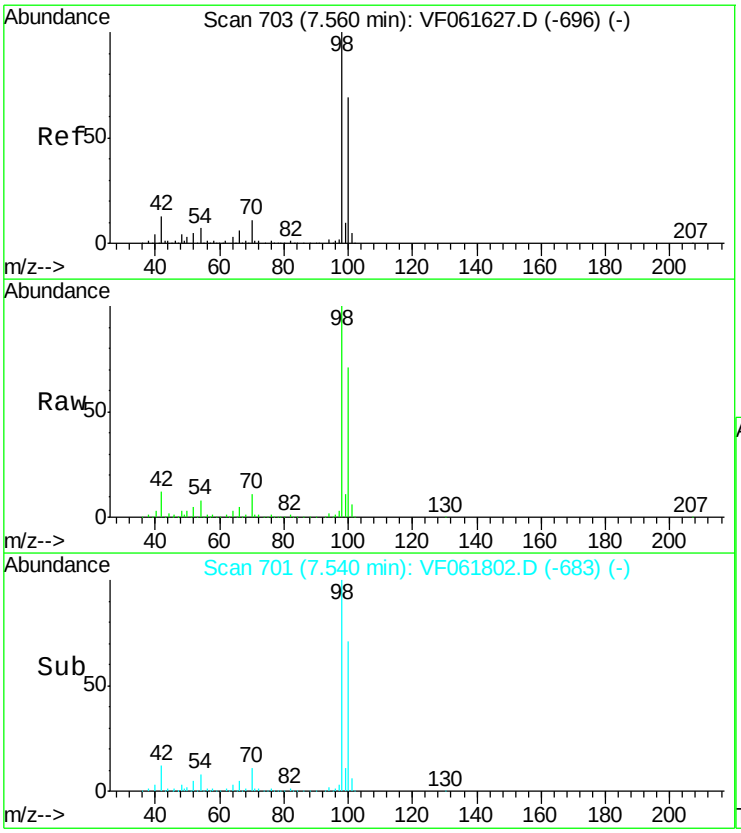
#49
1,4-Dioxane
Concen: 5.023 ug/l
RT: 6.70 min Scan# 616
Delta R.T. -0.01 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :
VF0301SBL01

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	290.4	32.3	48.5#
58	0.0	59.4	89.2#

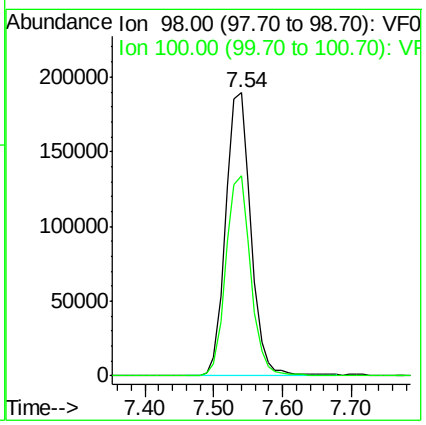


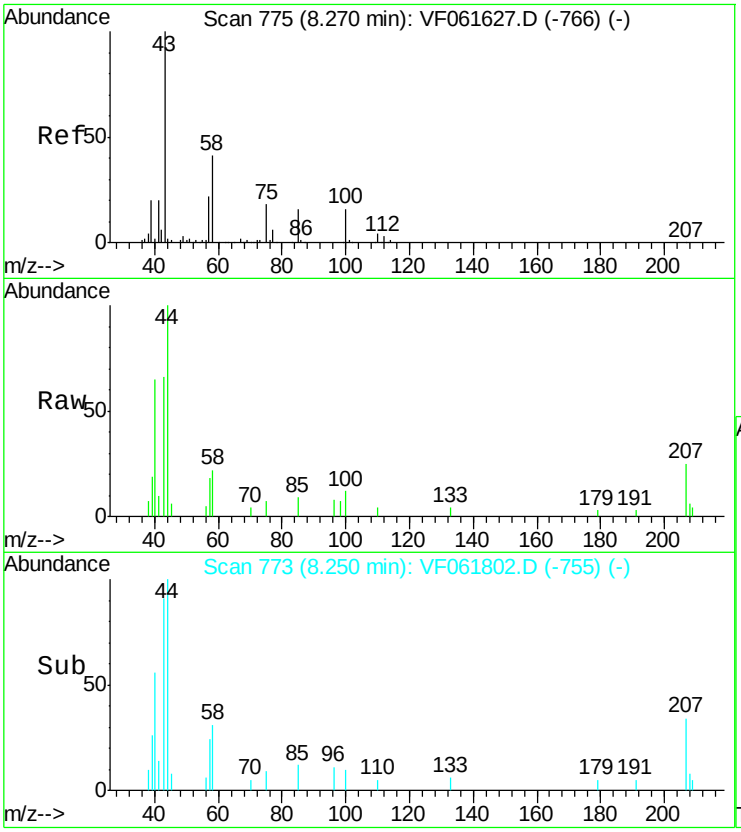


#50
Toluene-d8
Concen: 52.044 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Tgt Ion: 98 Resp: 481021

Ion	Ratio	Lower	Upper
98	100		
100	70.6	55.4	83.2



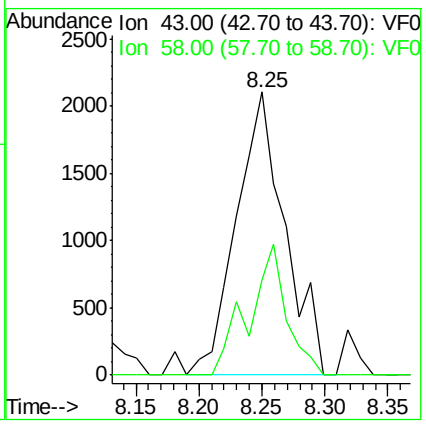


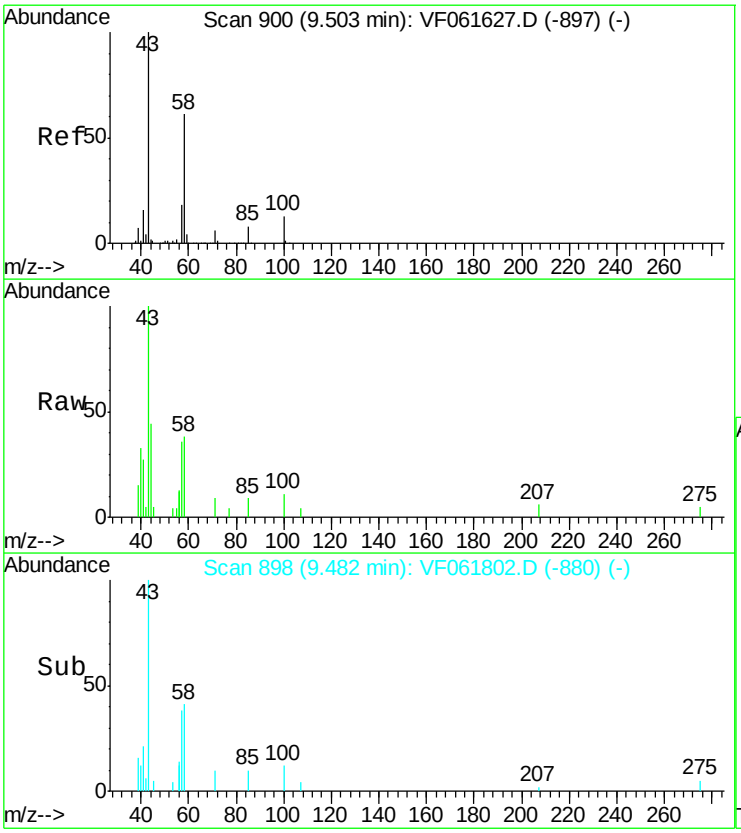
#51
4-Methyl-2-Pentanone
Concen: 3.346 ug/l
RT: 8.25 min Scan# 773
Delta R.T. -0.02 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :
VF0301SBL01

Tgt Ion: 43 Resp: 5637

Ion	Ratio	Lower	Upper
43	100		
58	33.6	33.1	49.7

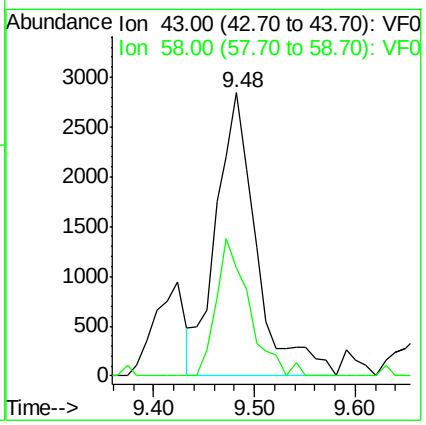


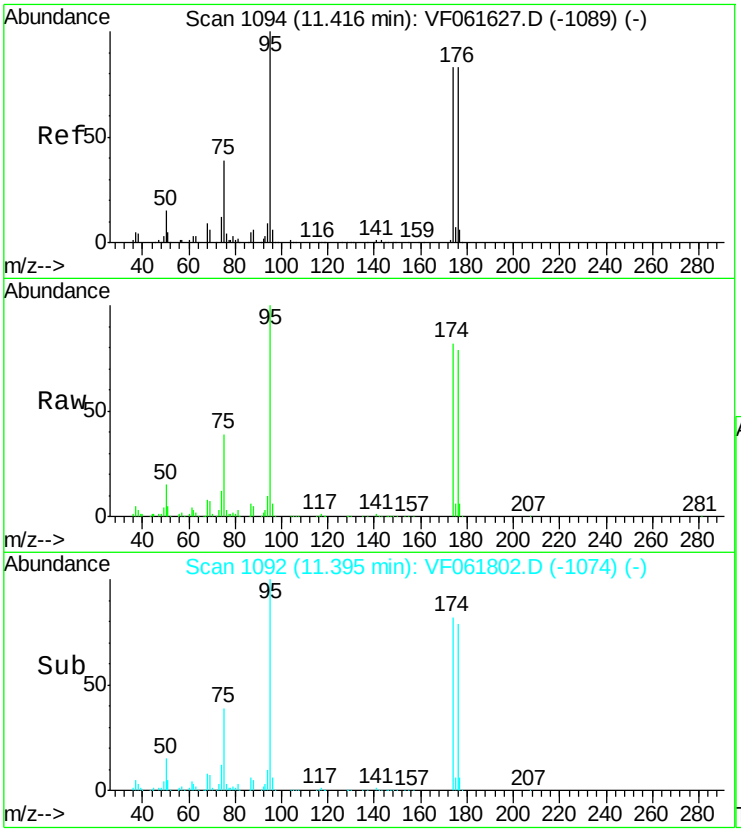


#59
2-Hexanone
Concen: 6.669 ug/l
RT: 9.48 min Scan# 898
Delta R.T. -0.02 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Tgt Ion: 43 Resp: 7877

Ion	Ratio	Lower	Upper
43	100		
58	38.2	28.5	85.5



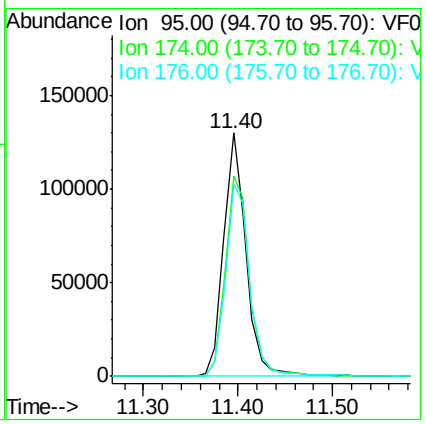


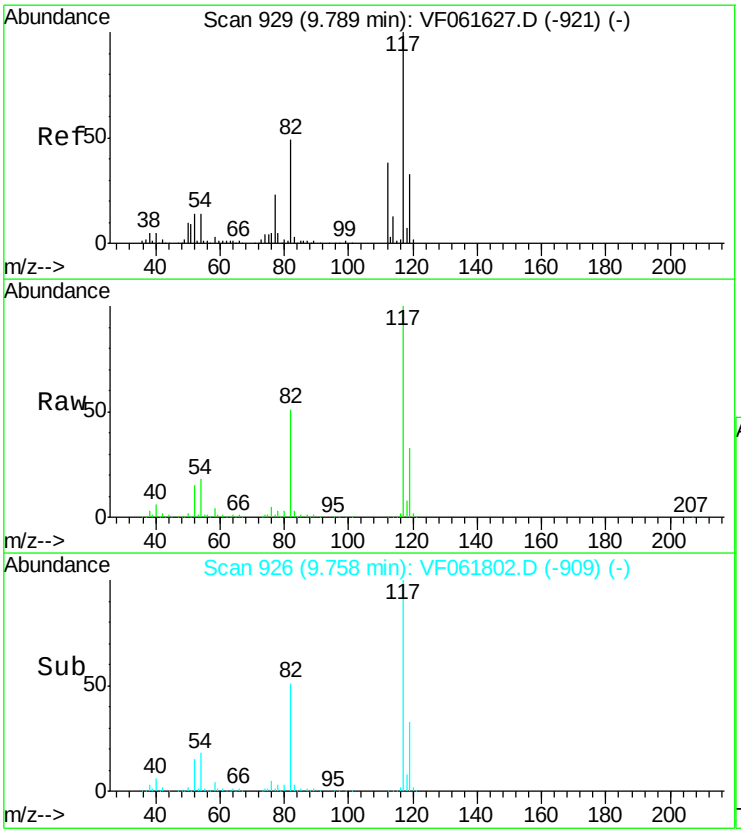
#62
4-Bromofluorobenzene
Concen: 57.045 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :
VF0301SBL01

Tgt Ion: 95 Resp: 213331

Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	165.8
176	78.9	0.0	167.0

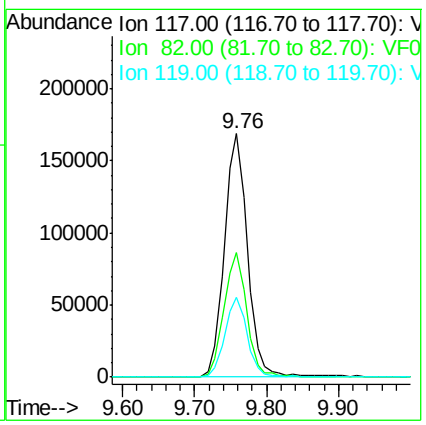


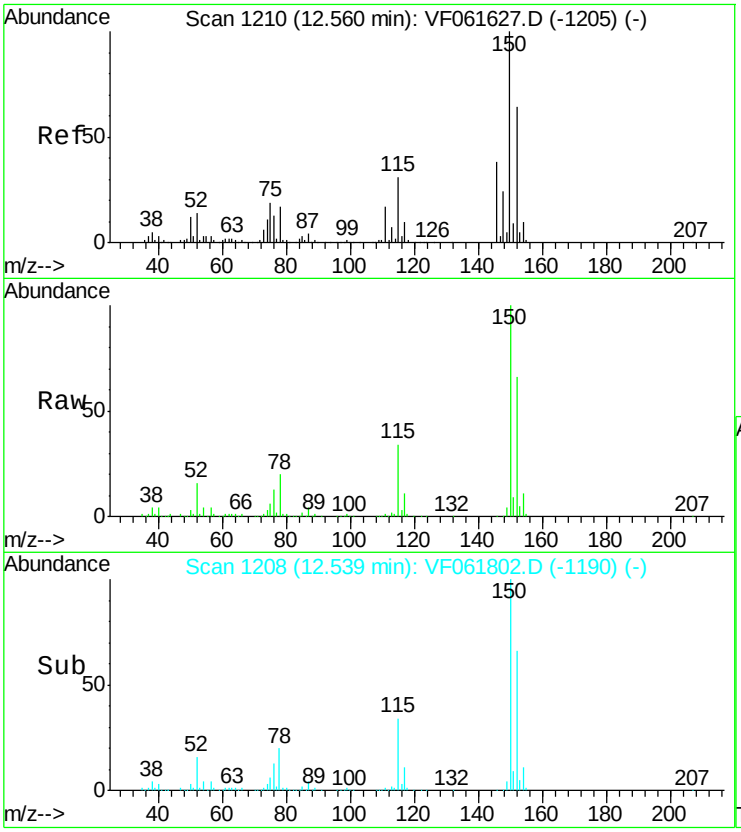


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Tgt Ion:117 Resp: 376611

Ion	Ratio	Lower	Upper
117	100		
82	51.4	39.3	58.9
119	32.7	26.6	40.0



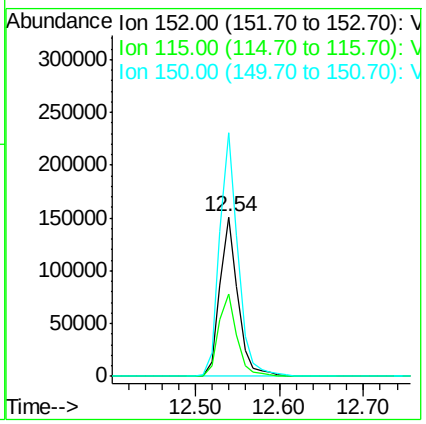


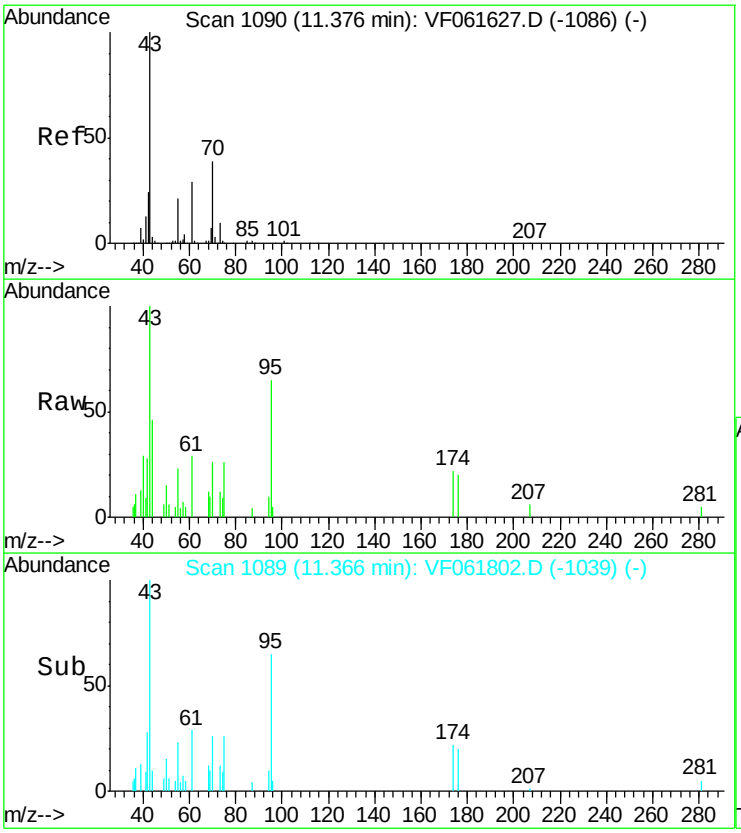
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :
VF0301SBL01

Tgt Ion:152 Resp: 226318

Ion	Ratio	Lower	Upper
152	100		
115	51.2	24.3	72.8
150	152.6	0.0	312.0

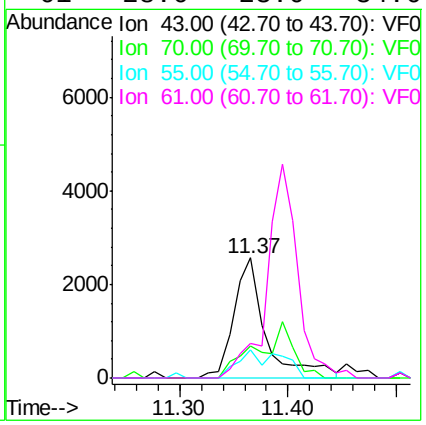


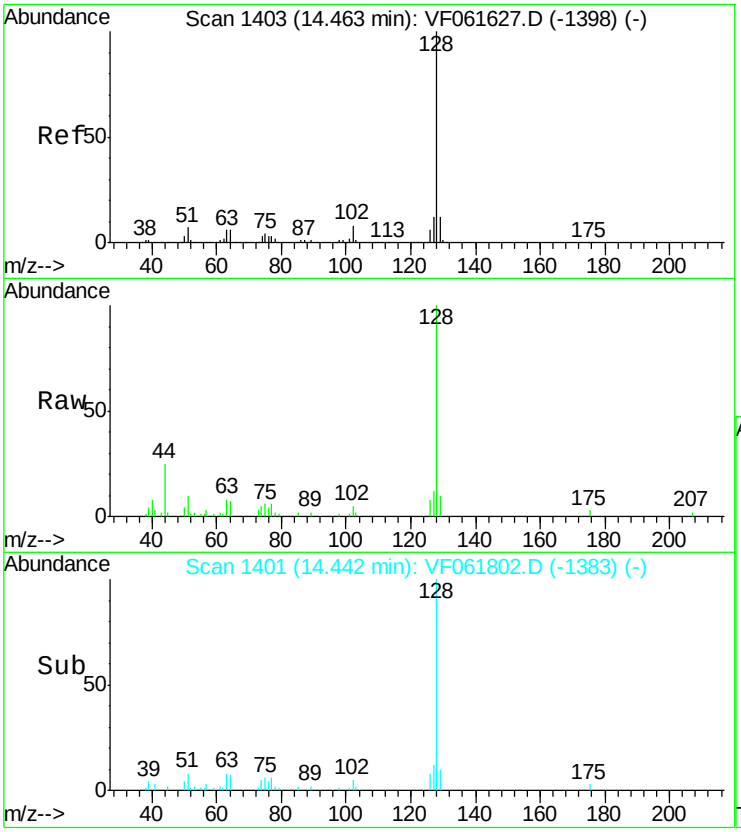


#74
N-amyl acetate
Concen: 1.367 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Tgt Ion: 43 Resp: 5288

Ion	Ratio	Lower	Upper
43	100		
70	26.4	31.5	47.3#
55	23.3	16.7	25.1
61	28.6	23.0	34.6





#95
Naphthalene
Concen: 1.534 ug/l
RT: 14.44 min Scan# 1401
Delta R.T. -0.02 min
Lab File: VF061802.D
Acq: 1 Mar 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :
VF0301SBL01

Tgt Ion:128 Resp: 14198

Ion	Ratio	Lower	Upper
128	100		
127	11.8	9.8	14.6
129	10.3	9.4	14.2