Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
Data File : VF061633.D
Acq On : 14 Feb 2019 11:35
Operator : VA/AP
Sample : VF0214SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0214SBL01

Quant Time: Feb 15 00:45:34 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	4.86	168	326105	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	510751	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	446219	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	264723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	134420	56.21	ug/l	-0.02
Spiked Amount 50.000			Recovery = 112.42%			
35) Dibromofluoromethane	4.10	113	198250	52.27	ug/l	-0.02
Spiked Amount 50.000			Recovery = 104.54%			
50) Toluene-d8	7.55	98	567201	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.04%			
62) 4-Bromofluorobenzene	11.41	95	245278	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.20%			
Target Compounds						Qvalue
8) Diethyl Ether	1.62	74	1487	1.339	ug/l	96
11) Tert butyl alcohol	2.54	59	490	3.541	ug/l #	1
13) Acrolein	2.01	56	624	3.587	ug/l #	40
15) Acrylonitrile	2.94	53	1938	3.948	ug/l	88
16) Acetone	2.24	43	3185	6.208	ug/l #	76
18) Methyl Acetate	2.38	43	3350	2.898	ug/l #	59
20) Methylene Chloride	2.18	84	5032	Below Cal		89
25) 2-Butanone	4.35	43	1696	1.513	ug/l #	79
29) Tetrahydrofuran	4.07	42	1948	3.824	ug/l #	71
49) 1,4-Dioxane	6.70	88	195	12.391	ug/l #	7
51) 4-Methyl-2-Pentanone	8.26	43	5638	2.837	ug/l	94
59) 2-Hexanone	9.49	43	7279	5.224	ug/l	80
74) N-amyl acetate	11.37	43	5591	1.236	ug/l	97
95) Naphthalene	14.45	128	14453	1.335	ug/l	99

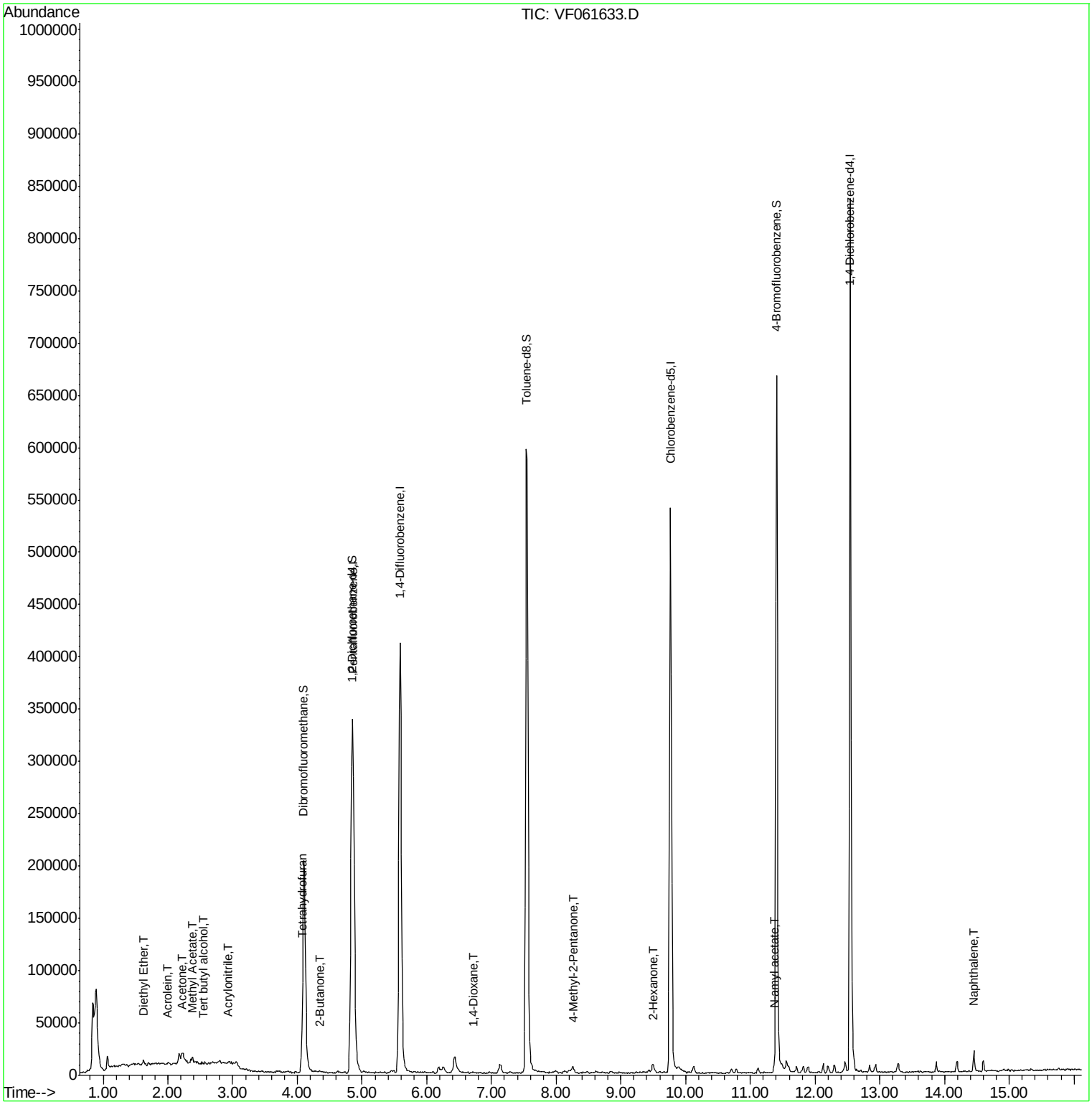
(#) = qualifier out of range (m) = manual integration (+) = signals summed

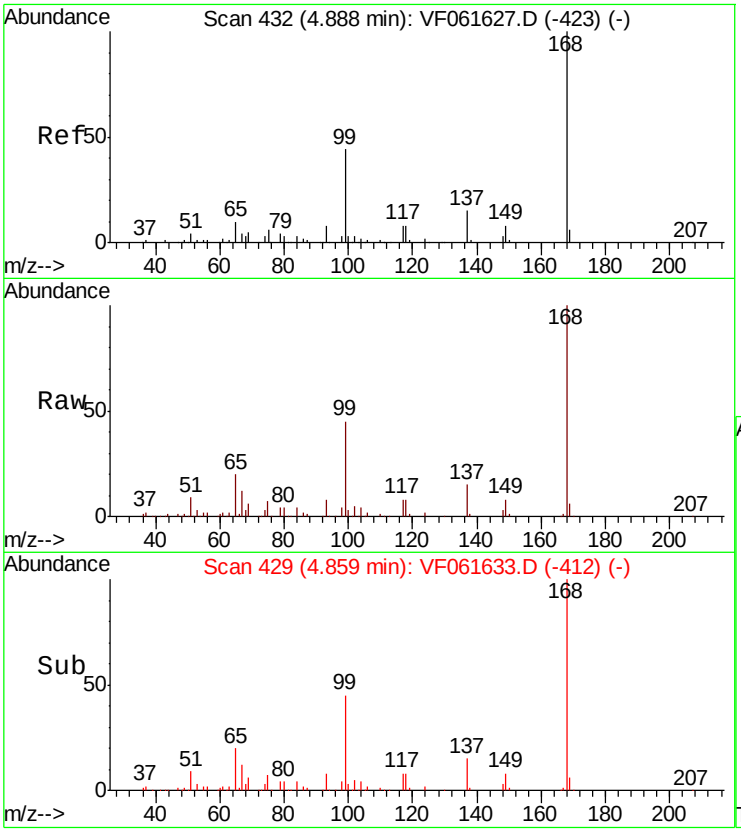
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
Data File : VF061633.D
Acq On : 14 Feb 2019 11:35
Operator : VA/AP
Sample : VF0214SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0214SBL01

Quant Time: Feb 15 00:45:34 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



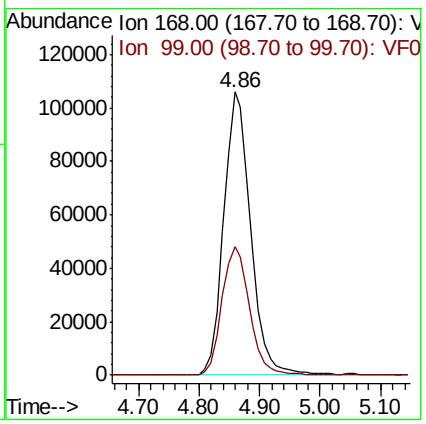


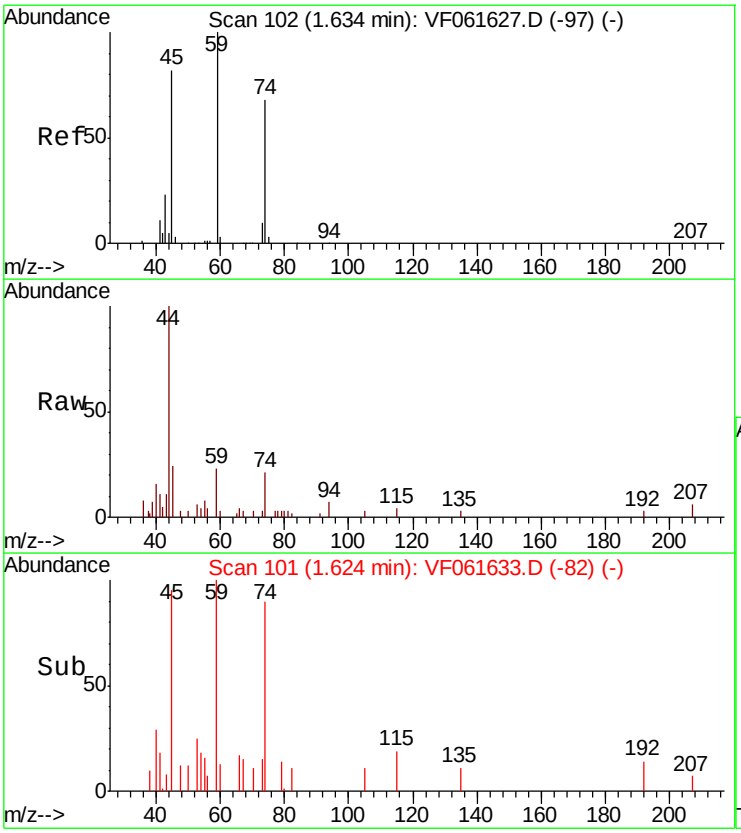
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.03 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Instrument :
MSVOA_F
ClientSampleId :
VF0214SBL01

Tgt Ion:168 Resp: 326105

Ion	Ratio	Lower	Upper
168	100		
99	45.2	34.9	52.3

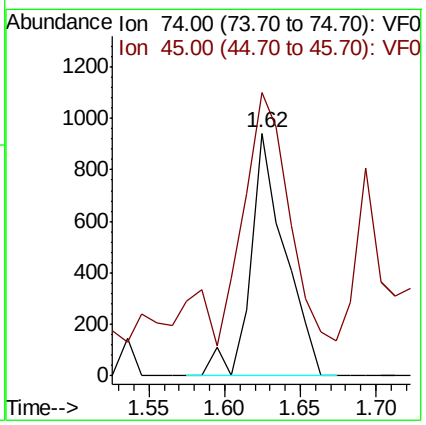


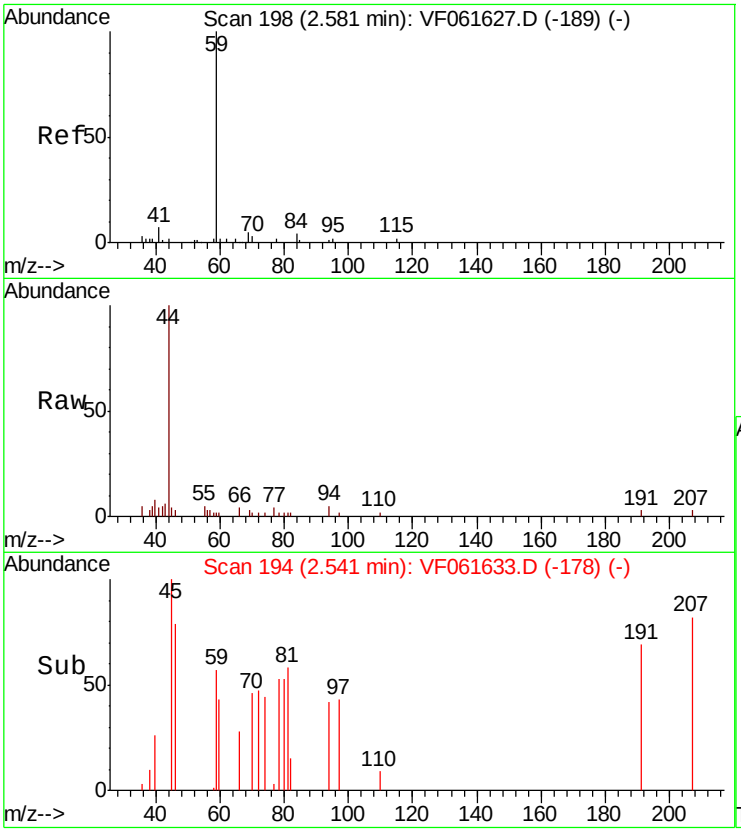


#8
Diethyl Ether
Concen: 1.339 ug/l
RT: 1.62 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Tgt Ion: 74 Resp: 1487

Ion	Ratio	Lower	Upper
74	100		
45	116.7	60.8	182.3



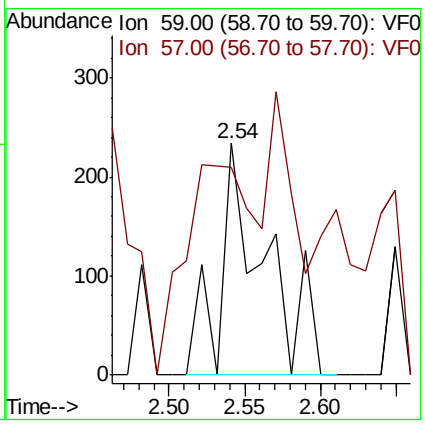


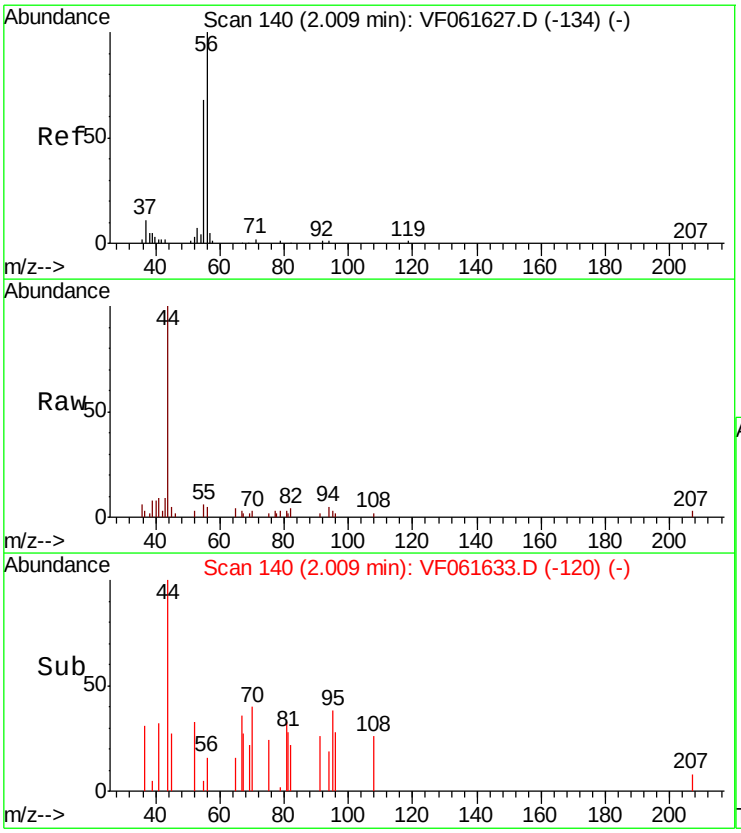
#11
Tert butyl alcohol
Concen: 3.541 ug/l
RT: 2.54 min Scan# 194
Delta R.T. -0.04 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Instrument :
MSVOA_F
ClientSampleId :
VF0214SBL01

Tgt Ion: 59 Resp: 490

Ion	Ratio	Lower	Upper
59	100		
57	89.7	12.5	18.7#

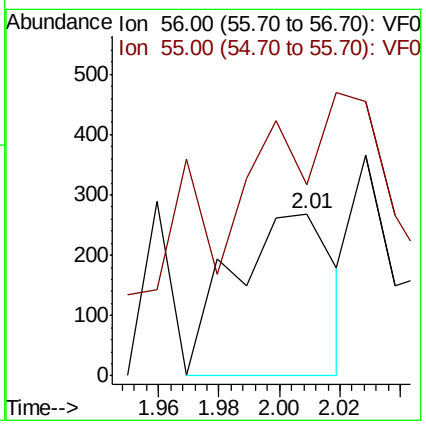


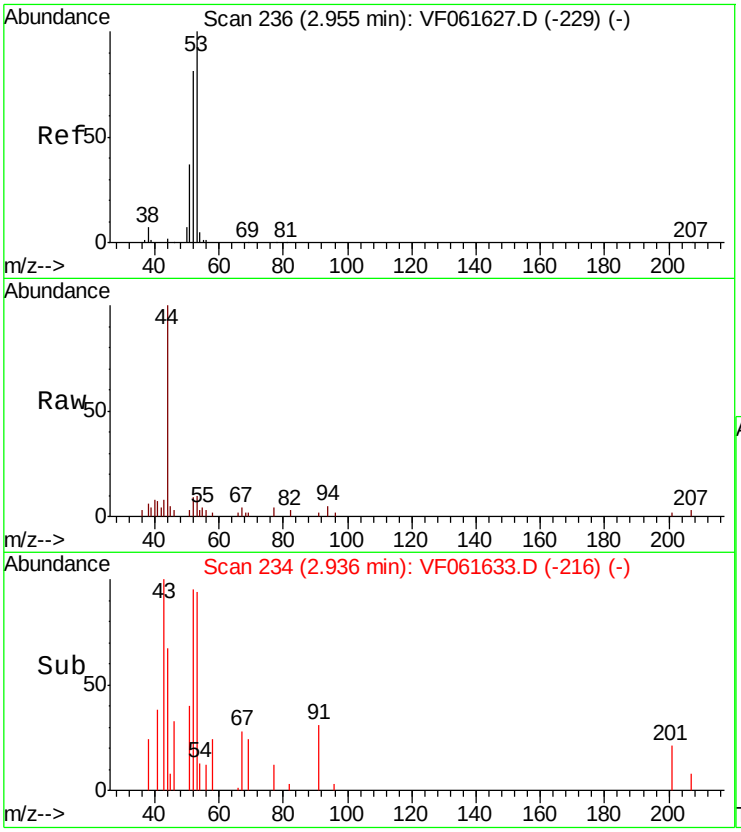


#13
Acrolein
Concen: 3.587 ug/l
RT: 2.01 min Scan# 140
Delta R.T. 0.00 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Tgt Ion: 56 Resp: 624

Ion	Ratio	Lower	Upper
56	100		
55	117.5	55.0	82.6#



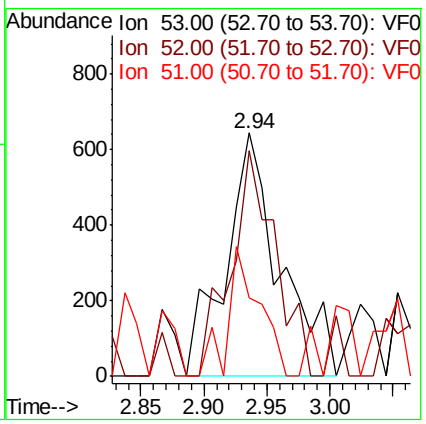


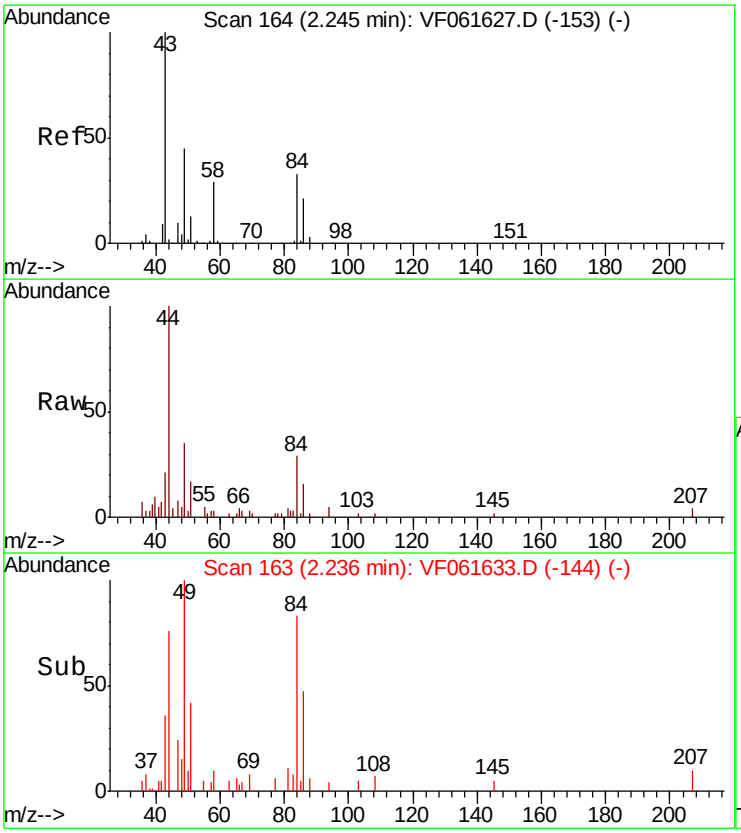
#15
Acrylonitrile
Concen: 3.948 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.02 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Instrument :
MSVOA_F
ClientSampleId :
VF0214SBL01

Tgt Ion: 53 Resp: 1938

Ion	Ratio	Lower	Upper
53	100		
52	92.5	64.6	97.0
51	32.1	29.8	44.8

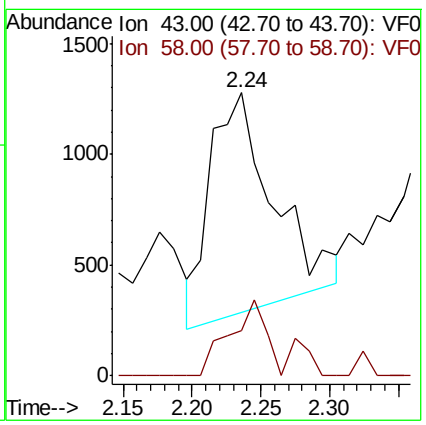


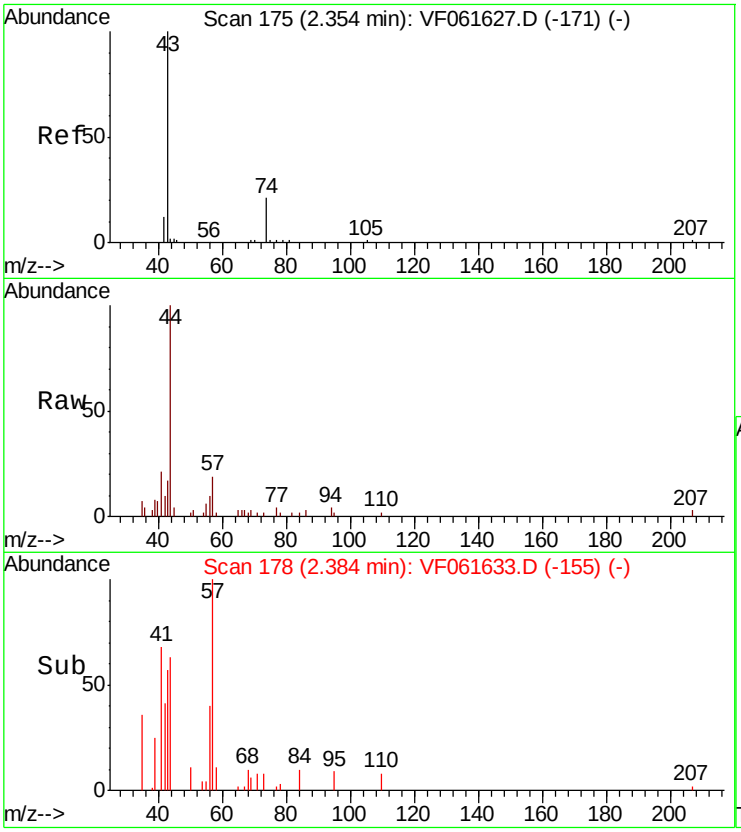


#16
Acetone
Concen: 6.208 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Tgt Ion: 43 Resp: 3185

Ion	Ratio	Lower	Upper
43	100		
58	16.0	22.9	34.3#



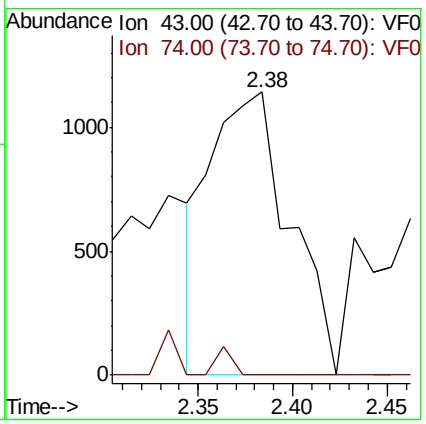


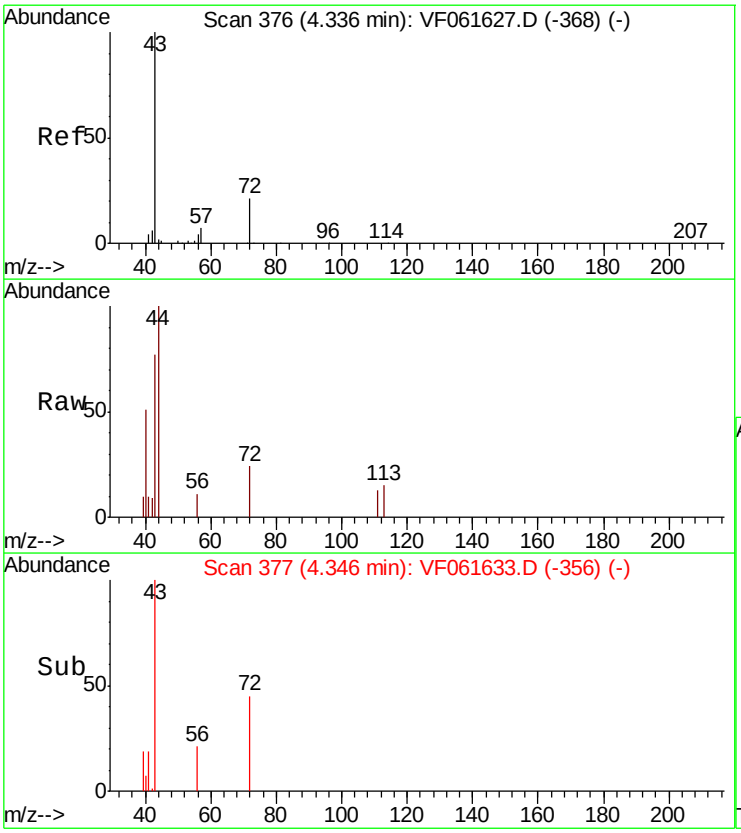
#18
Methyl Acetate
Concen: 2.898 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.03 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Instrument : MSVOA_F
ClientSampleId : VF0214SBL01

Tgt Ion: 43 Resp: 3350

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#

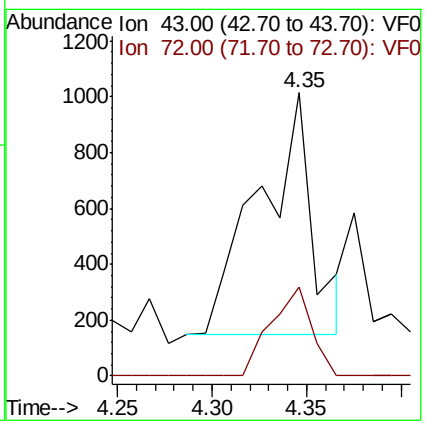


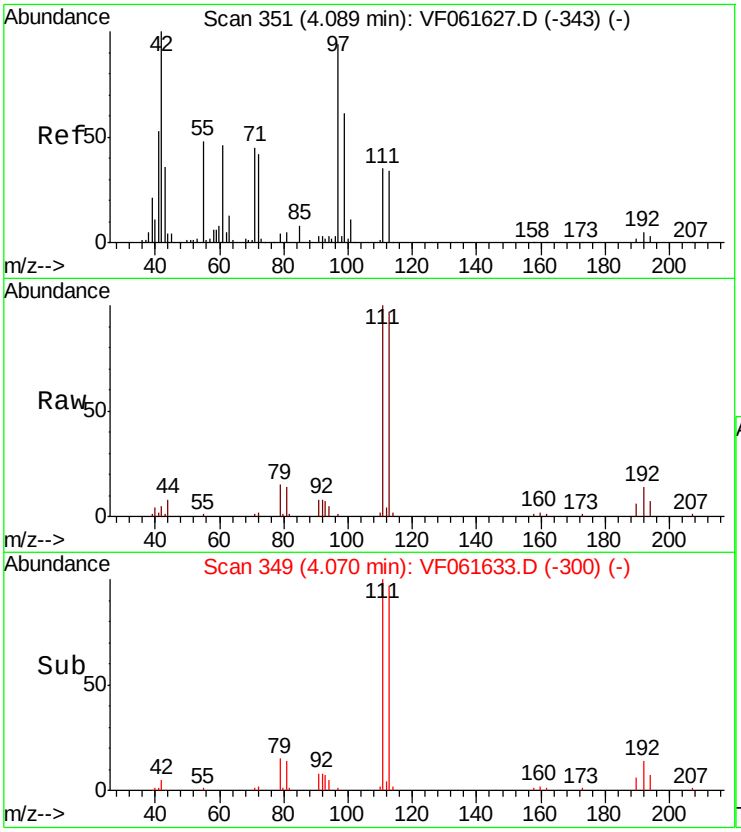


#25
2-Butanone
Concen: 1.513 ug/l
RT: 4.35 min Scan# 377
Delta R.T. 0.01 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Tgt Ion: 43 Resp: 1696

Ion	Ratio	Lower	Upper
43	100		
72	31.4	17.1	25.7#



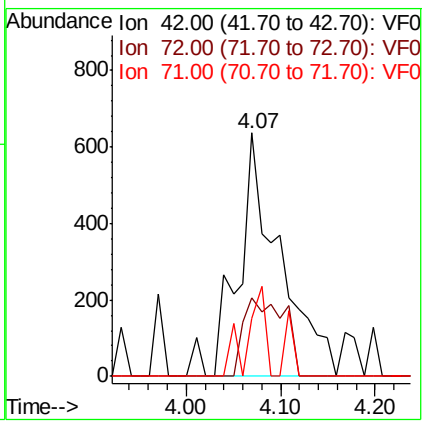


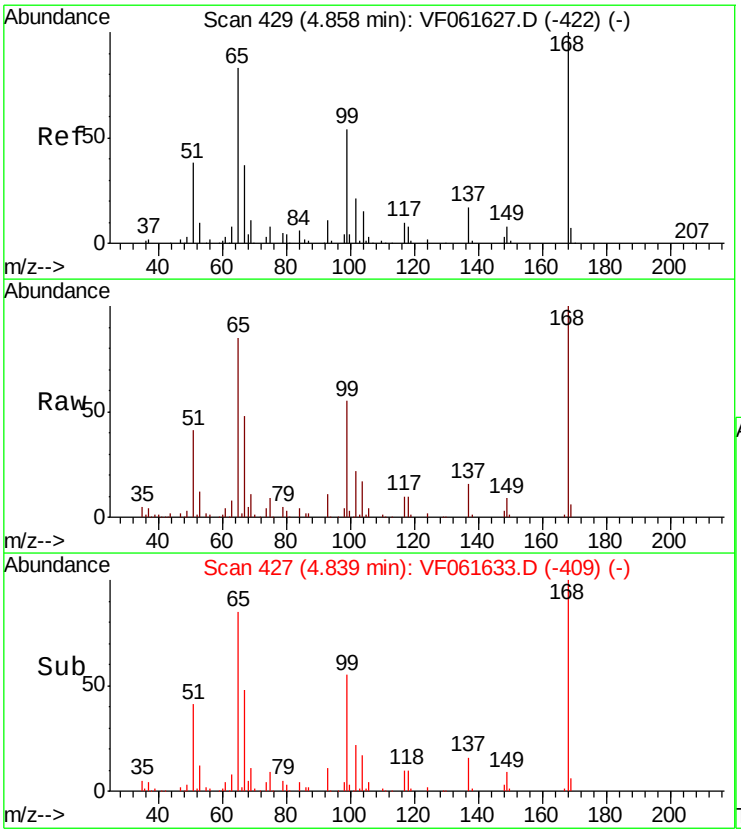
#29
Tetrahydrofuran
Concen: 3.824 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.02 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Instrument :
MSVOA_F
ClientSampleId :
VF0214SBL01

Tgt Ion: 42 Resp: 1948

Ion	Ratio	Lower	Upper
42	100		
72	31.7	35.2	52.8#
71	16.0	32.9	49.3#

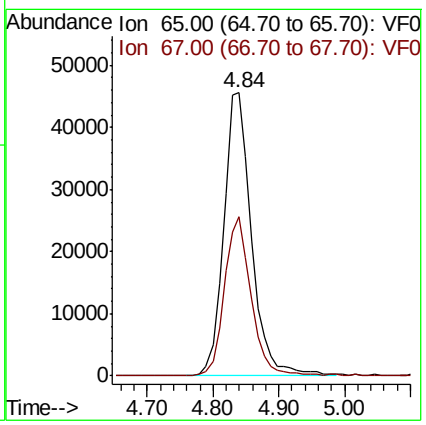


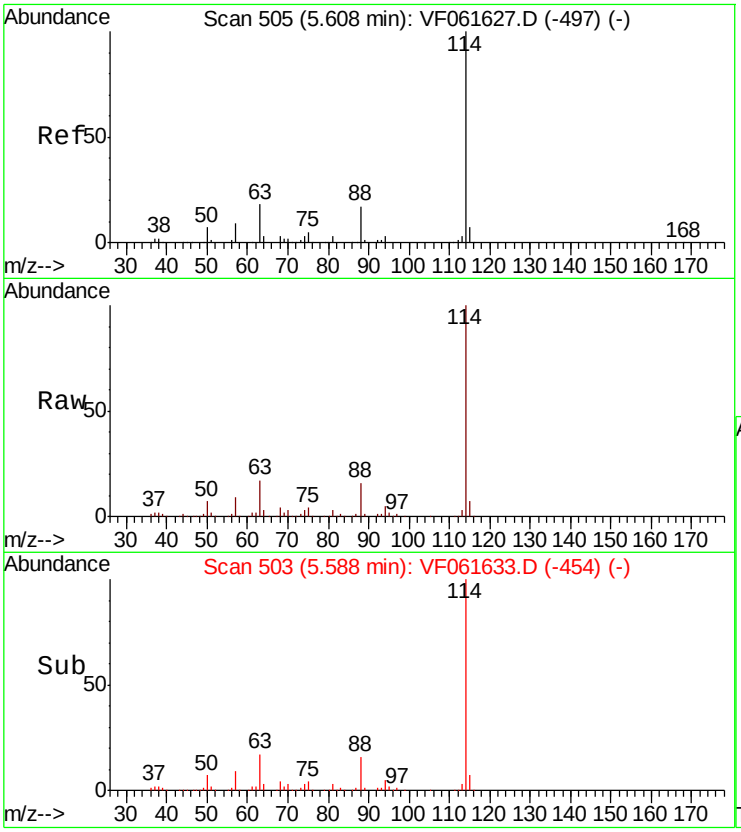


#33
1,2-Dichloroethane-d4
Concen: 56.210 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.02 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Tgt Ion: 65 Resp: 134420

Ion	Ratio	Lower	Upper
65	100		
67	56.1	0.0	104.0



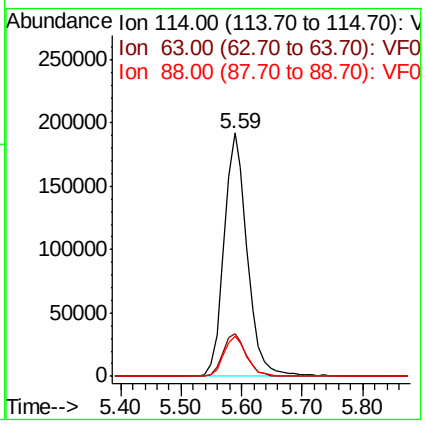


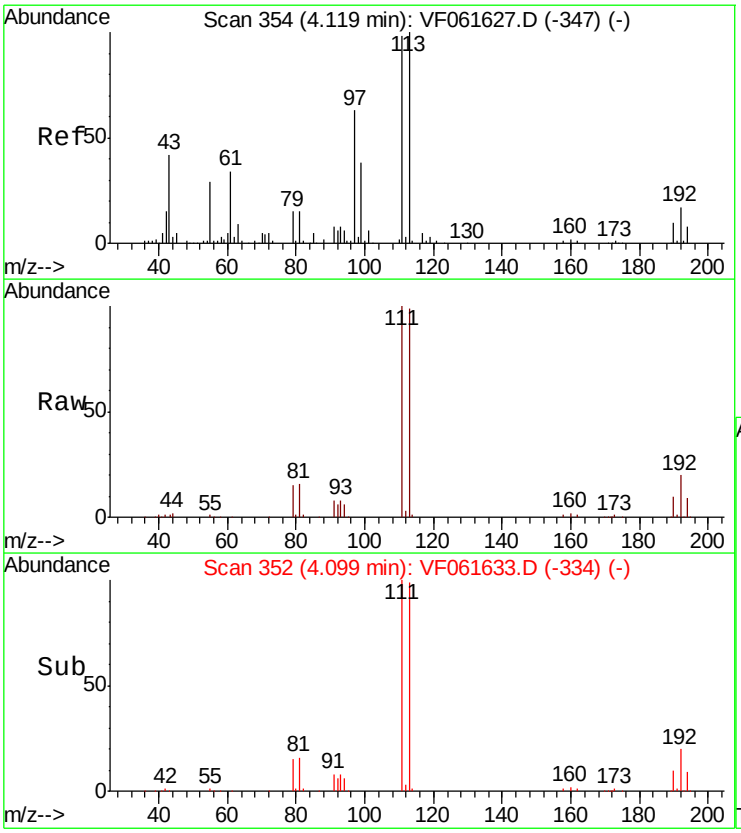
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.02 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Instrument :
MSVOA_F
ClientSampleId :
VF0214SBL01

Tgt Ion:114 Resp: 510751

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	36.6
88	16.5	0.0	34.4

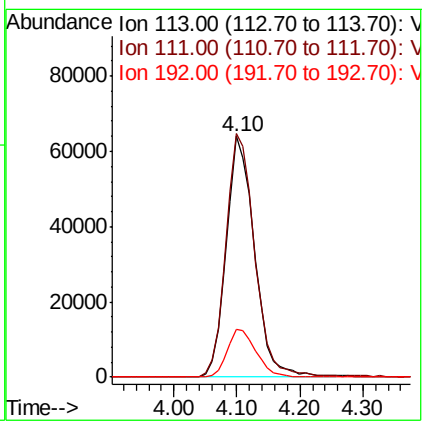


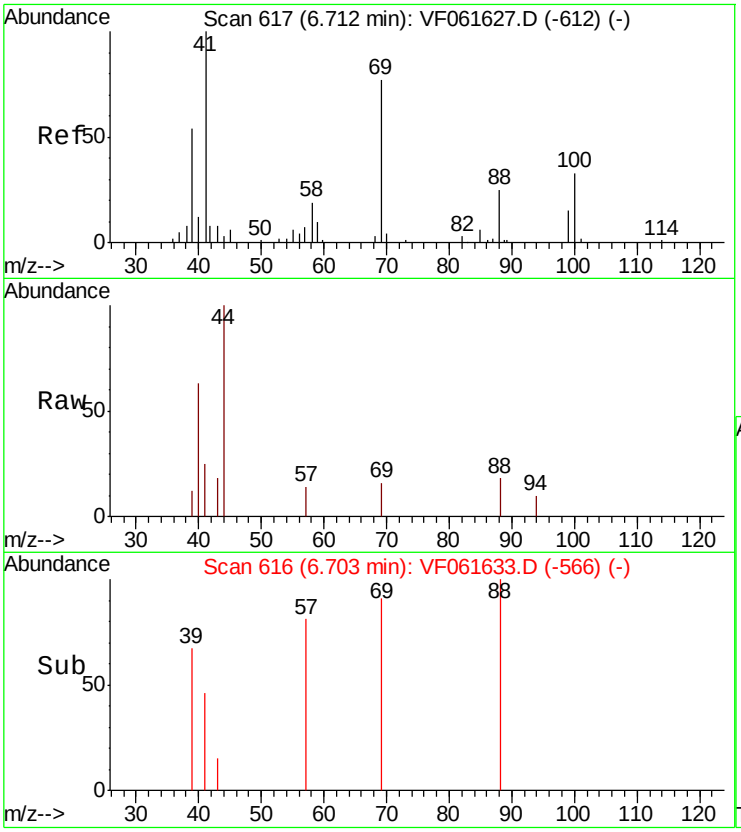


#35
Dibromofluoromethane
Concen: 52.269 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.02 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Tgt Ion:113 Resp: 198250

Ion	Ratio	Lower	Upper
113	100		
111	101.1	78.8	118.2
192	19.7	13.4	20.0



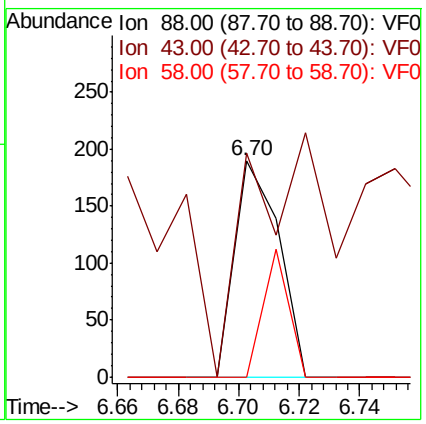


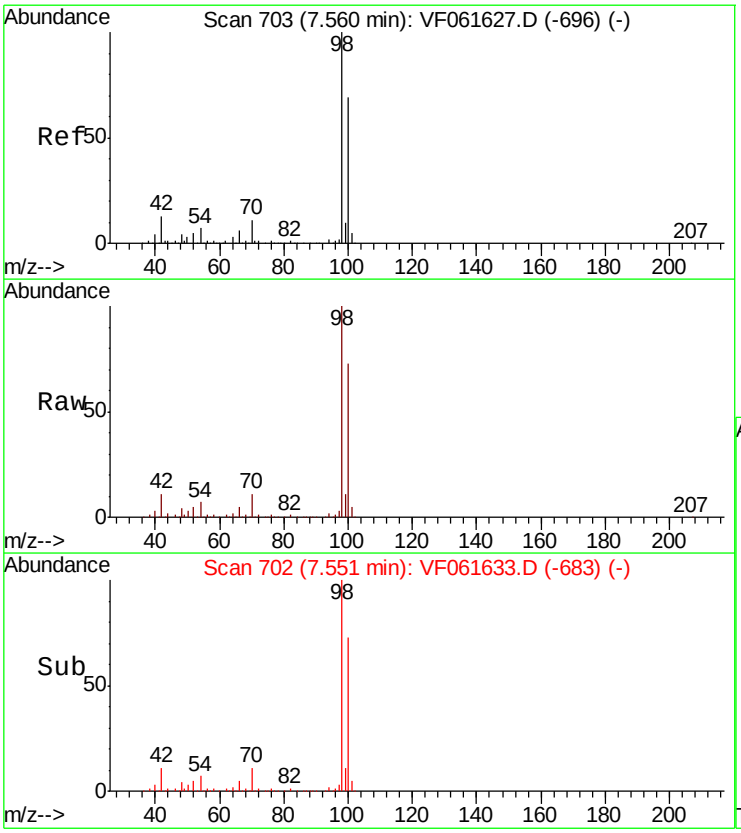
#49
1,4-Dioxane
Concen: 12.391 ug/l
RT: 6.70 min Scan# 616
Delta R.T. -0.01 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Instrument : MSVOA_F
ClientSampleId : VF0214SBL01

Tgt Ion: 88 Resp: 195

Ion	Ratio	Lower	Upper
88	100		
43	103.7	32.3	48.5#
58	0.0	59.4	89.2#

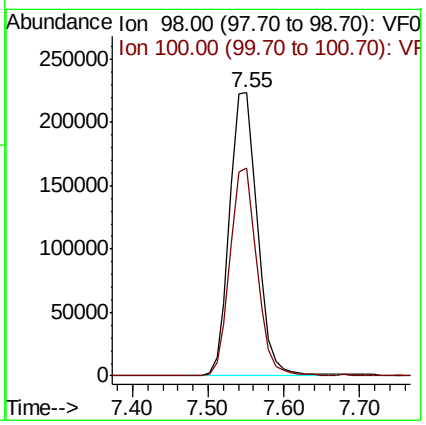


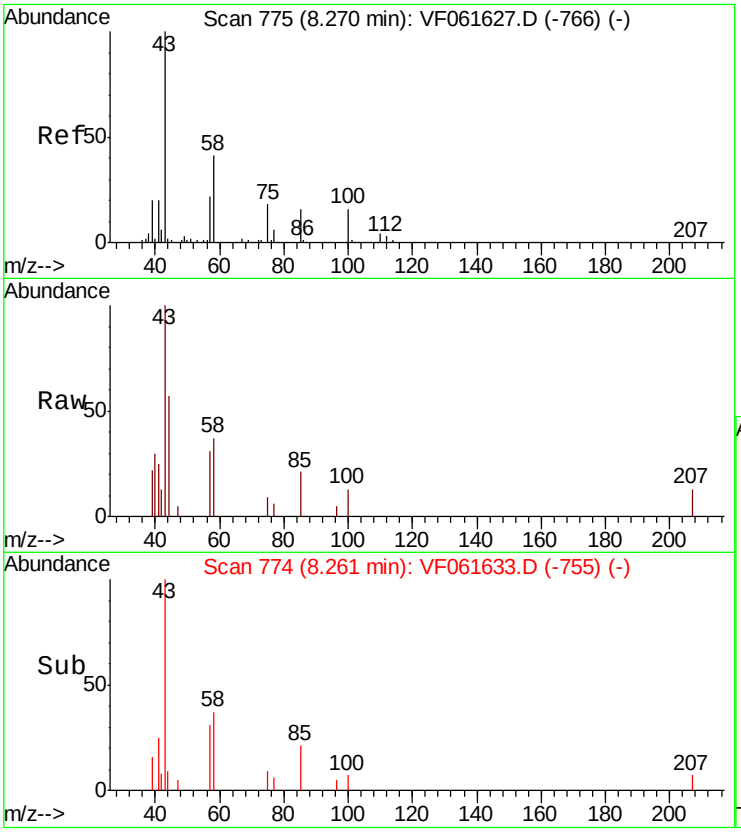


#50
Toluene-d8
Concen: 52.020 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Tgt Ion: 98 Resp: 567201

Ion	Ratio	Lower	Upper
98	100		
100	73.3	55.4	83.2



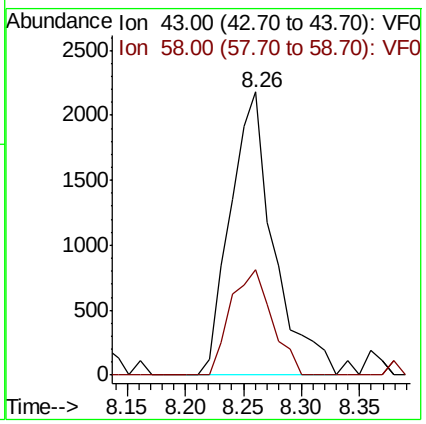


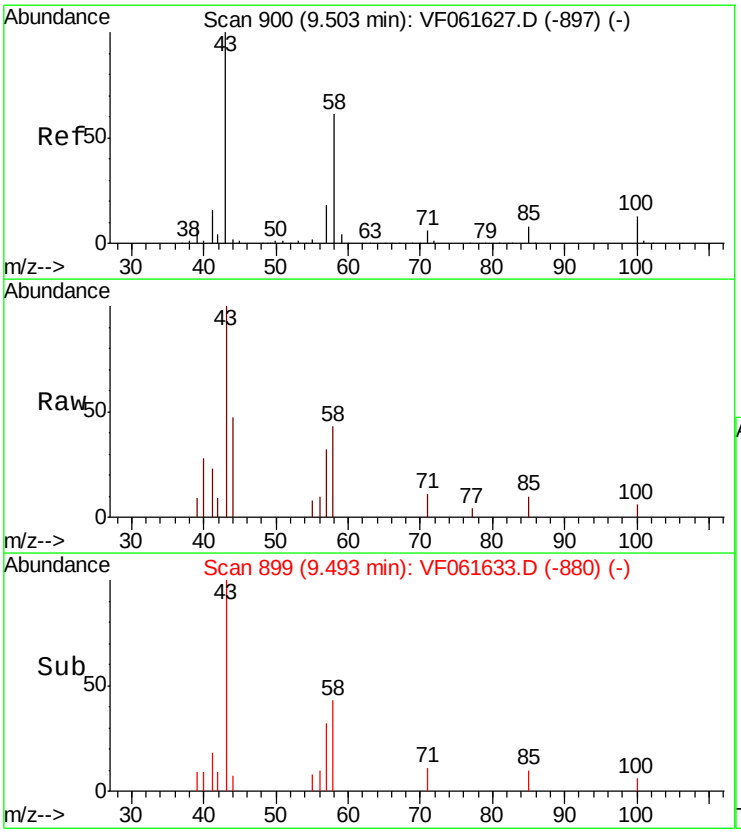
#51
4-Methyl-2-Pentanone
Concen: 2.837 ug/l
RT: 8.26 min Scan# 774
Delta R.T. -0.01 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Instrument :
MSVOA_F
ClientSampleId :
VF0214SBL01

Tgt Ion: 43 Resp: 5638

Ion	Ratio	Lower	Upper
43	100		
58	37.4	33.1	49.7

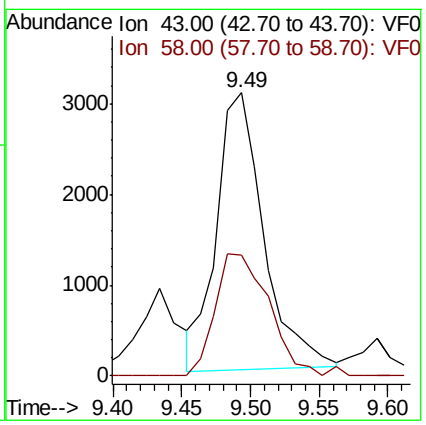


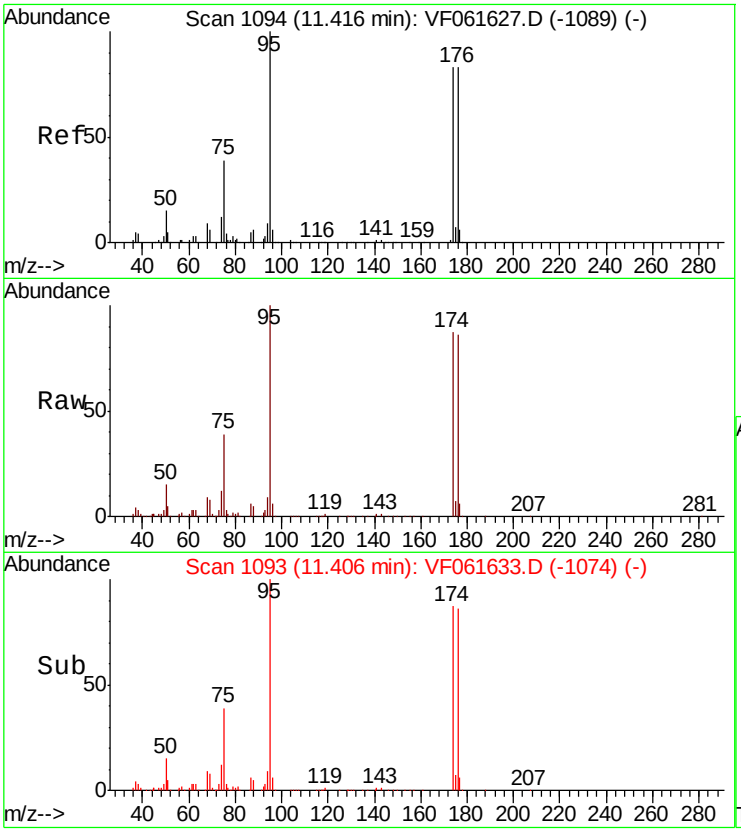


#59
2-Hexanone
Concen: 5.224 ug/l
RT: 9.49 min Scan# 899
Delta R.T. -0.01 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Tgt Ion: 43 Resp: 7279

Ion	Ratio	Lower	Upper
43	100		
58	42.6	28.5	85.5



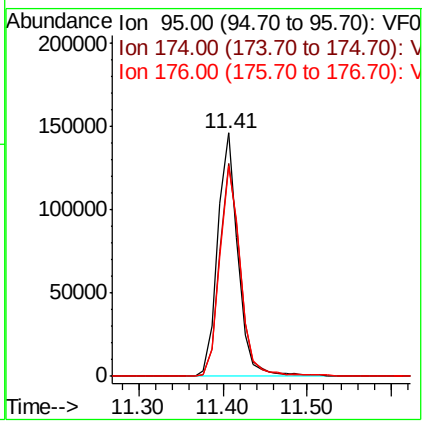


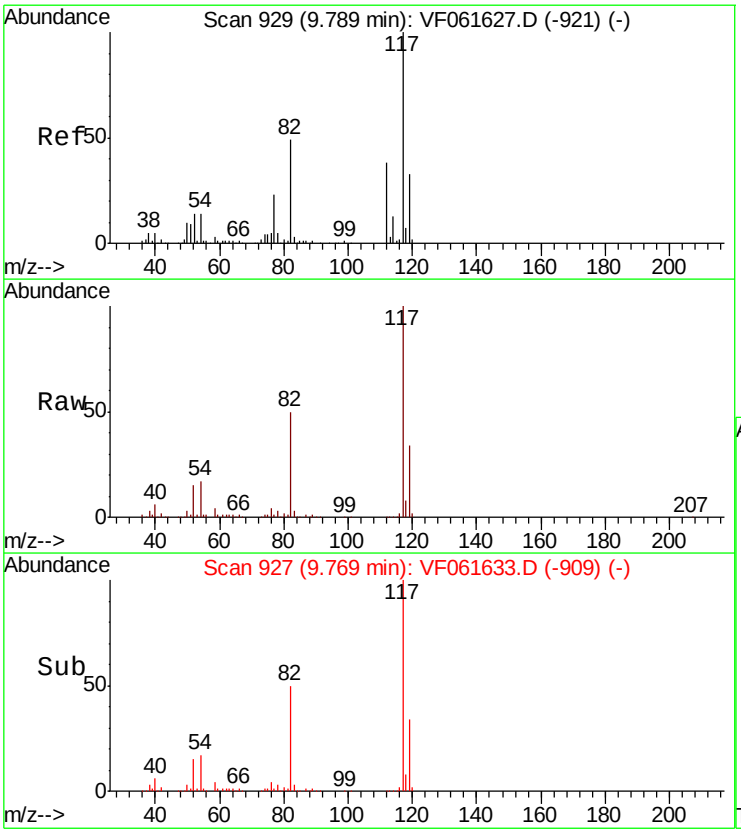
#62
4-Bromofluorobenzene
Concen: 55.597 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Instrument :
MSVOA_F
ClientSampleId :
VF0214SBL01

Tgt Ion: 95 Resp: 245278

Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	165.8
176	86.4	0.0	167.0

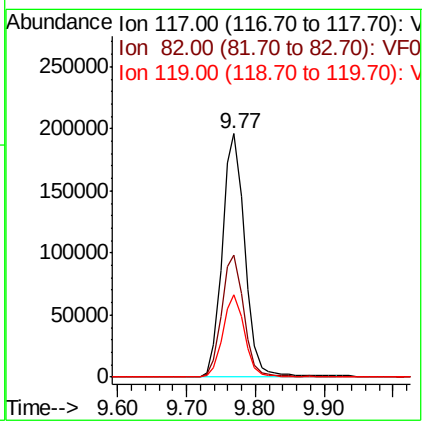


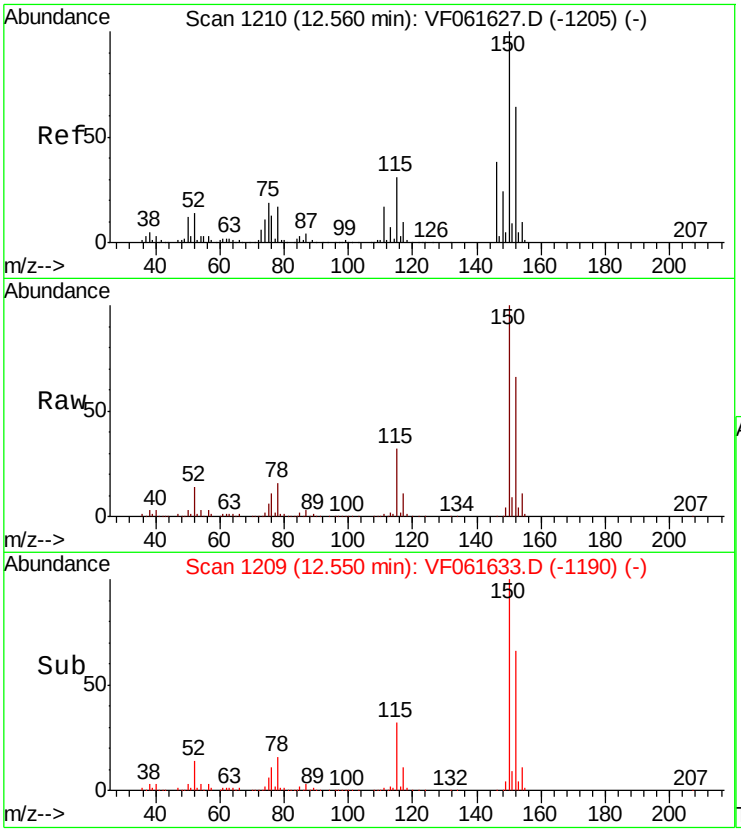


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Tgt Ion:117 Resp: 446219

Ion	Ratio	Lower	Upper
117	100		
82	50.0	39.3	58.9
119	33.9	26.6	40.0



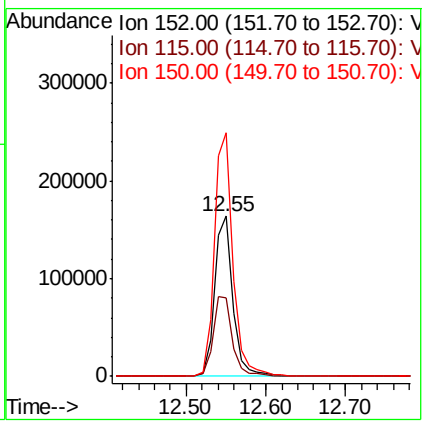


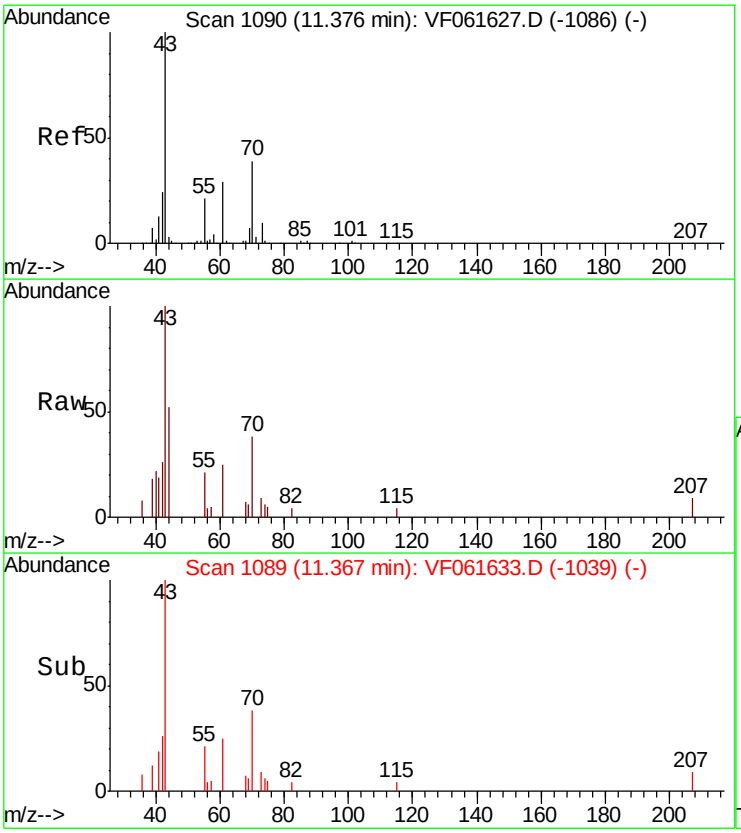
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Instrument : MSVOA_F
ClientSampleId : VF0214SBL01

Tgt Ion:152 Resp: 264723

Ion	Ratio	Lower	Upper
152	100		
115	49.4	24.3	72.8
150	152.2	0.0	312.0

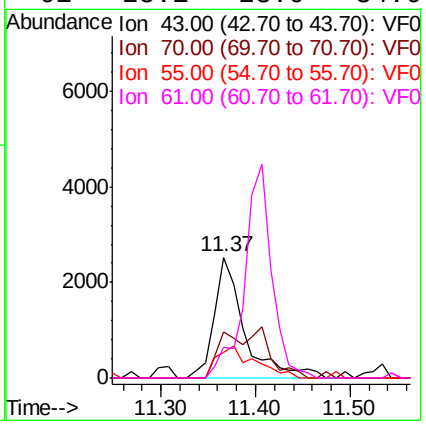


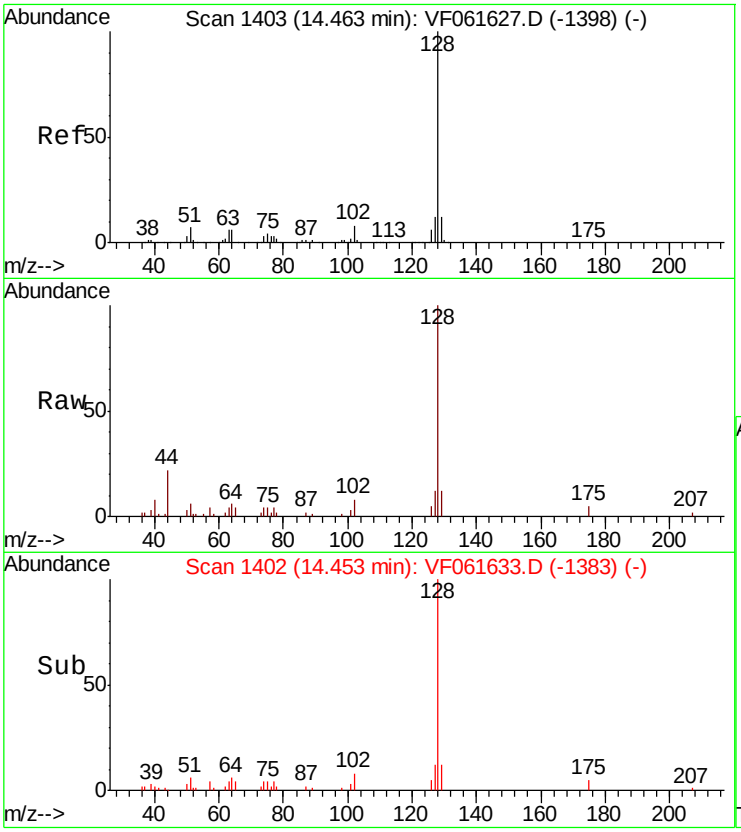


#74
N-amyl acetate
Concen: 1.236 ug/l
RT: 11.37 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Tgt Ion: 43 Resp: 5591

Ion	Ratio	Lower	Upper
43	100		
70	38.5	31.5	47.3
55	20.8	16.7	25.1
61	25.1	23.0	34.6





#95
Naphthalene
Concen: 1.335 ug/l
RT: 14.45 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF061633.D
Acq: 14 Feb 2019 11:35

Instrument :
MSVOA_F
ClientSampleId :
VF0214SBL01

Tgt Ion:128 Resp: 14453

Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.6
129	12.2	9.4	14.2