Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082018\
Data File : VF060001.D
Acq On : 20 Aug 2018 14:37
Operator : VA/AP
Sample : VF0820SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0820SBL01

Quant Time: Aug 21 04:24:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	130550	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	178842	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	194496	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	128458	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	134182	53.25	ug/l	-0.01
Spiked Amount 50.000			Recovery =	106.50%		
35) Dibromofluoromethane	4.30	113	102068	55.84	ug/l	-0.01
Spiked Amount 50.000			Recovery =	111.68%		
50) Toluene-d8	7.71	98	213725	52.58	ug/l	-0.01
Spiked Amount 50.000			Recovery =	105.16%		
62) 4-Bromofluorobenzene	11.51	95	134537	53.94	ug/l	-0.01
Spiked Amount 50.000			Recovery =	107.88%		
Target Compounds						Qvalue
10) Methyl Iodide	1.93	142	3096	1.38	ug/l #	91
11) Tert butyl alcohol	2.66	59	860	5.86	ug/l #	76
13) Acrolein	2.22	56	69	13.41	ug/l	87
15) Acrylonitrile	3.06	53	465	1.96	ug/l #	72
16) Acetone	2.34	43	2966	Below Cal	#	90
18) Methyl Acetate	2.46	43	2496	Below Cal	#	63
20) Methylene Chloride	2.27	84	8095	1.88	ug/l	85
23) Vinyl Acetate	3.34	43	1846	1.03	ug/l #	84
25) 2-Butanone	4.51	43	1354	2.22	ug/l #	58
29) Tetrahydrofuran	4.28	42	282	1.30	ug/l #	58
49) 1,4-Dioxane	6.62	88	71	65.65	ug/l #	25
51) 4-Methyl-2-Pentanone	8.42	43	4141	3.58	ug/l #	81
59) 2-Hexanone	9.64	43	7082	7.41	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.98	75	601	1.06	ug/l #	35
95) Naphthalene	14.53	128	4686	1.04	ug/l #	95

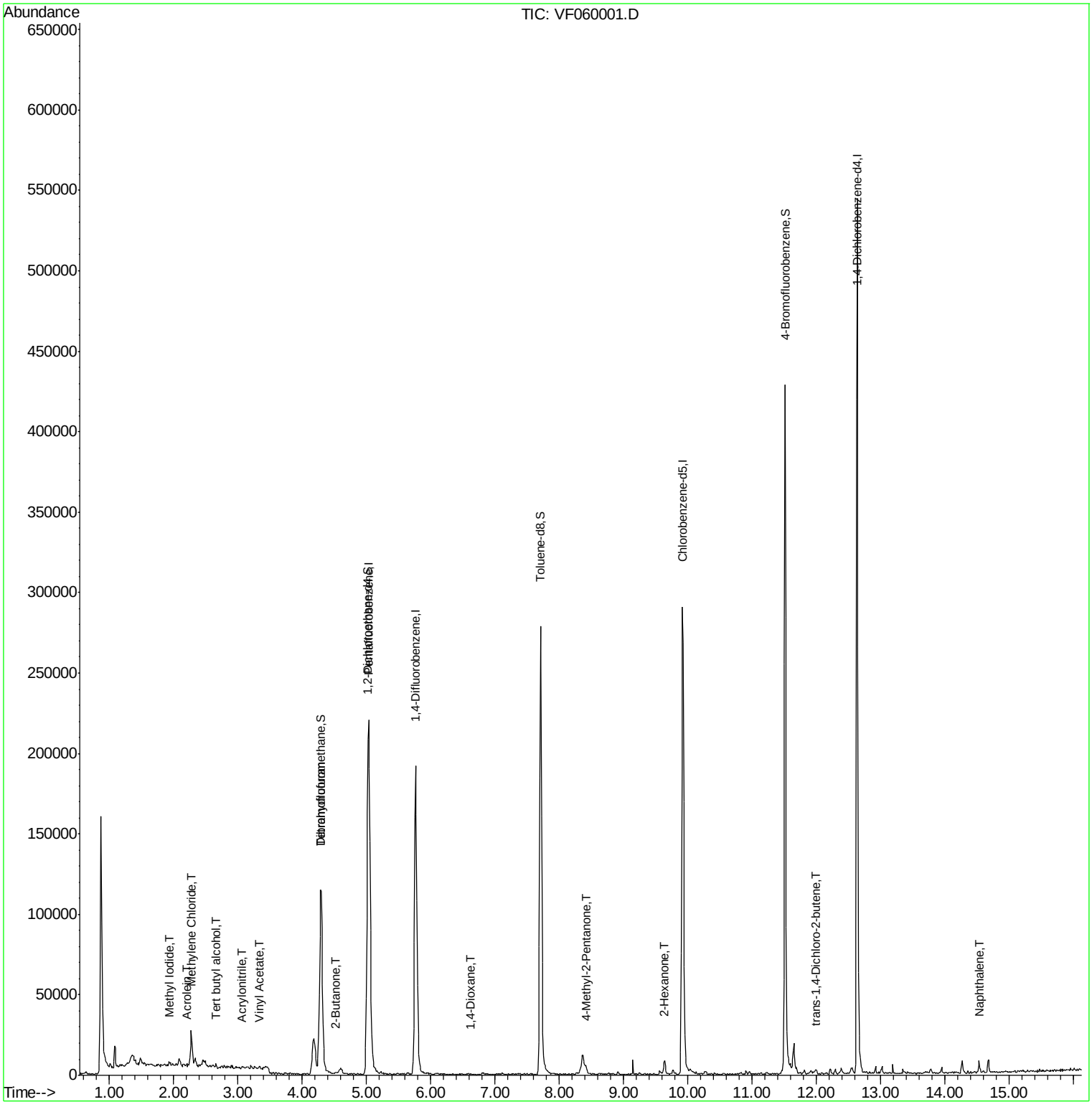
(#) = qualifier out of range (m) = manual integration (+) = signals summed

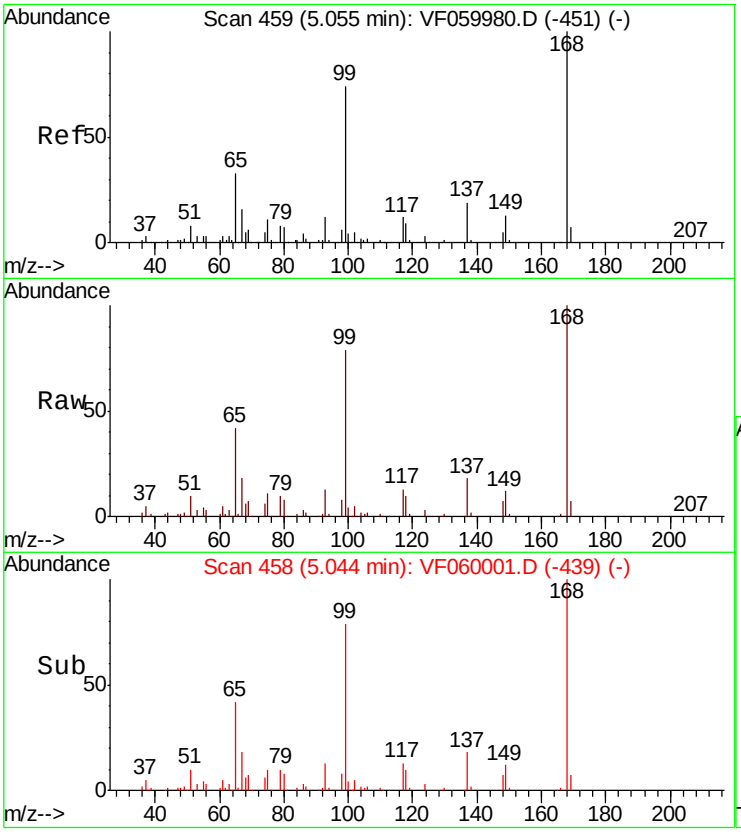
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082018\
Data File : VF060001.D
Acq On : 20 Aug 2018 14:37
Operator : VA/AP
Sample : VF0820SBL01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0820SBL01

Quant Time: Aug 21 04:24:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration



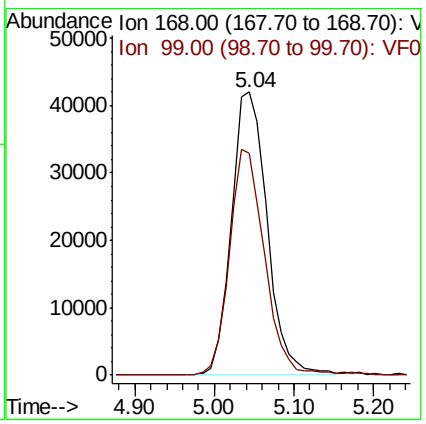


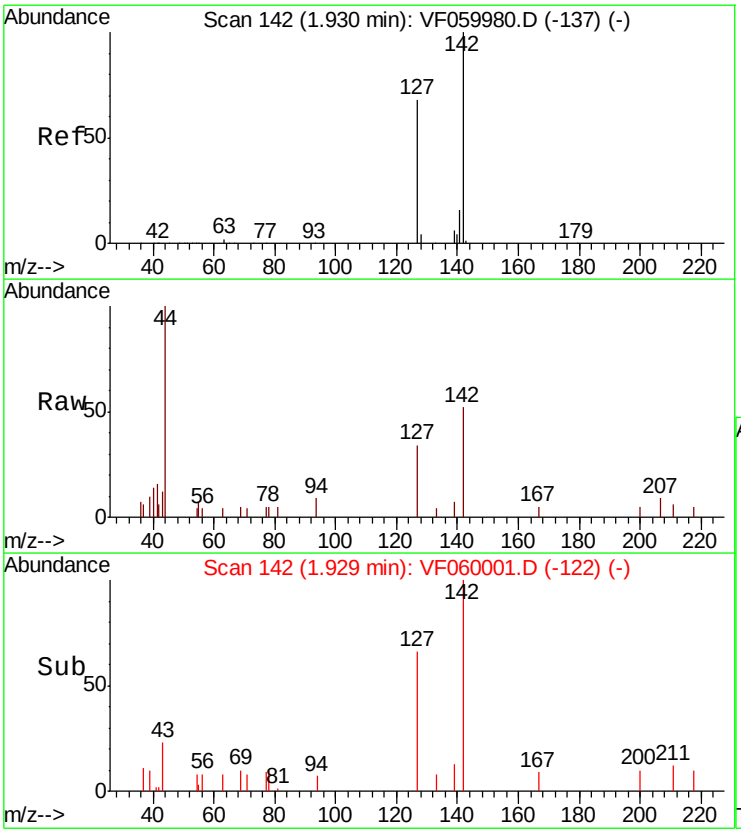
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 458
Delta R.T. -0.01 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Instrument :
MSVOA_F
ClientSampleId :
VF0820SBL01

Tgt Ion:168 Resp: 130550

Ion	Ratio	Lower	Upper
168	100		
99	78.6	59.0	88.6

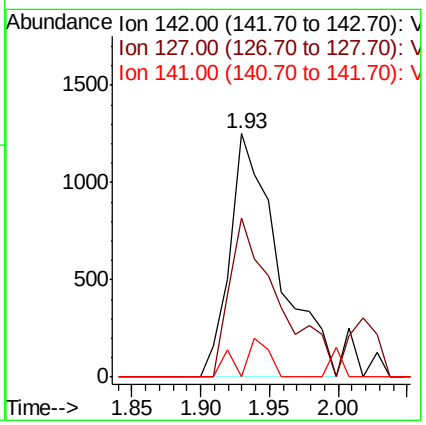


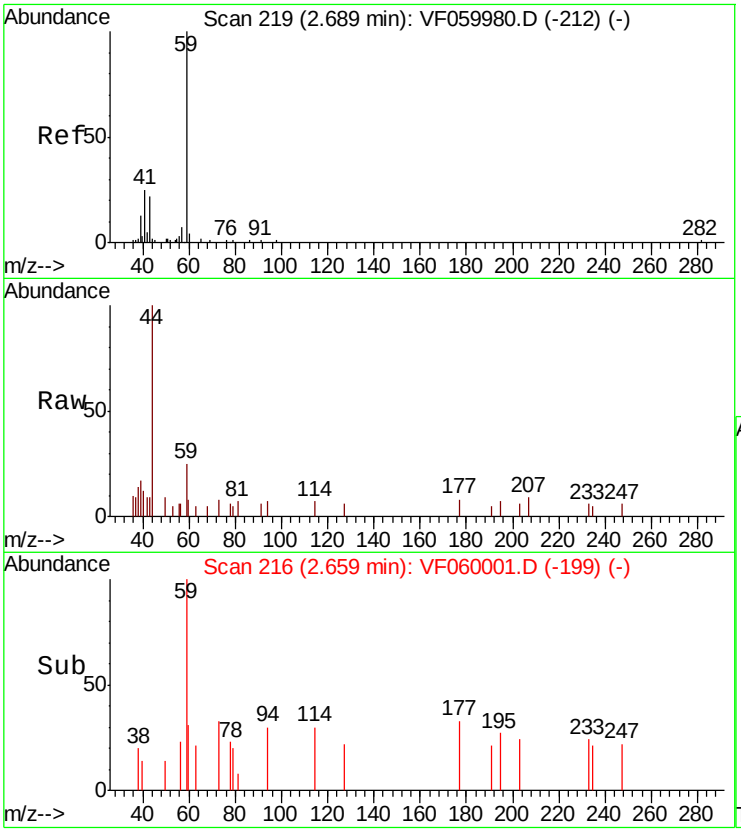


#10
Methyl Iodide
Concen: 1.38 ug/l
RT: 1.93 min Scan# 142
Delta R.T. -0.00 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Tgt Ion:142 Resp: 3096

Ion	Ratio	Lower	Upper
142	100		
127	65.6	54.1	81.1
141	0.0	12.5	18.7#



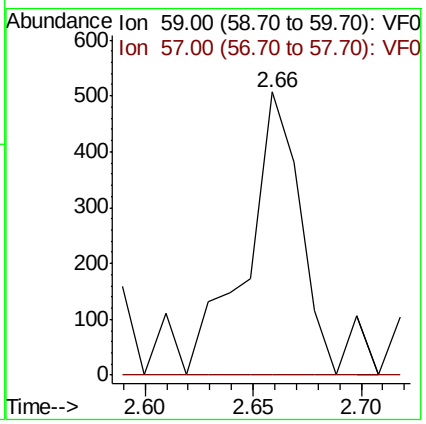


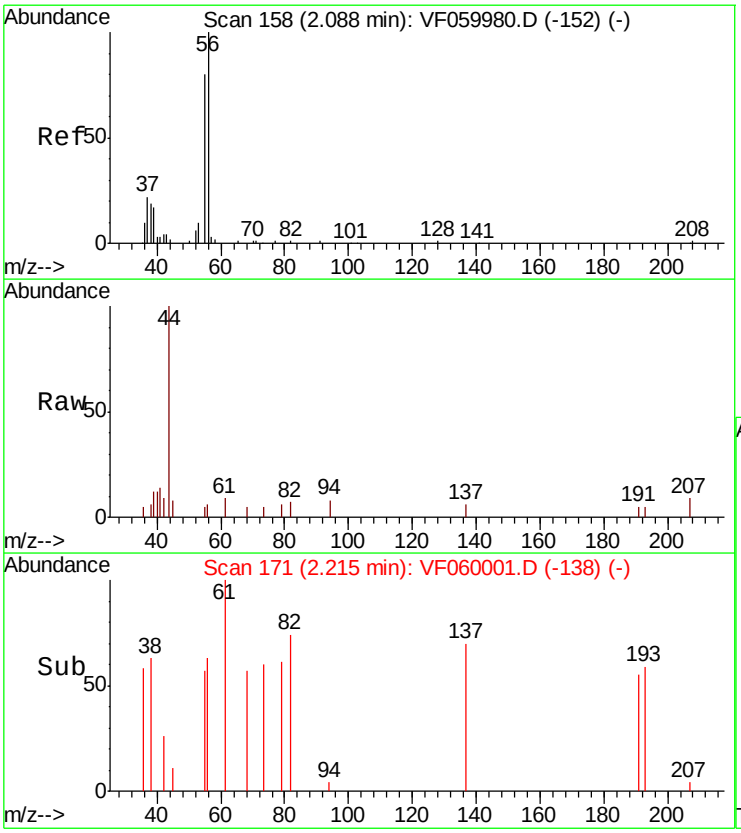
#11
Tert butyl alcohol
Concen: 5.86 ug/l
RT: 2.66 min Scan# 216
Delta R.T. -0.03 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Instrument : MSVOA_F
ClientSampleId : VF0820SBL01

Tgt Ion: 59 Resp: 860

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.8	10.2#

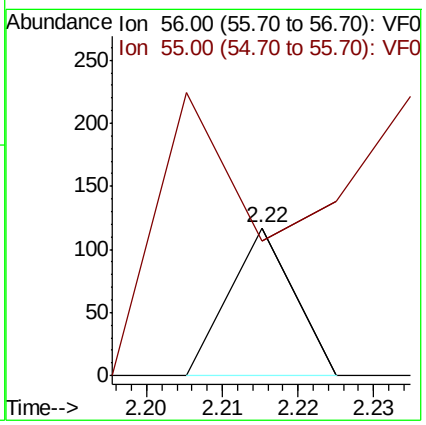


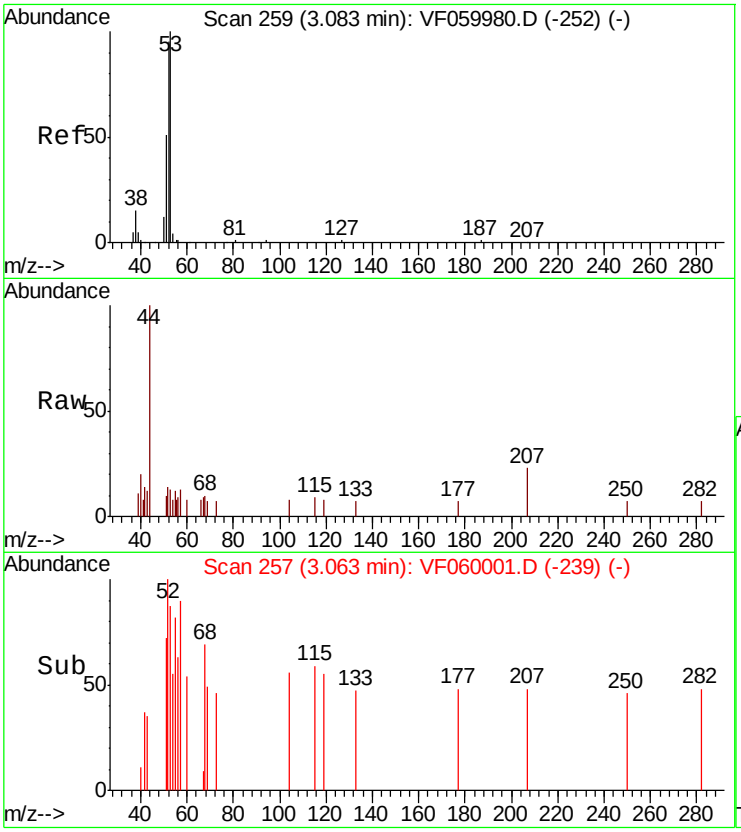


#13
Acrolein
Concen: 13.41 ug/l
RT: 2.22 min Scan# 171
Delta R.T. 0.13 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Tgt Ion: 56 Resp: 69

Ion	Ratio	Lower	Upper
56	100		
55	91.5	63.8	95.6



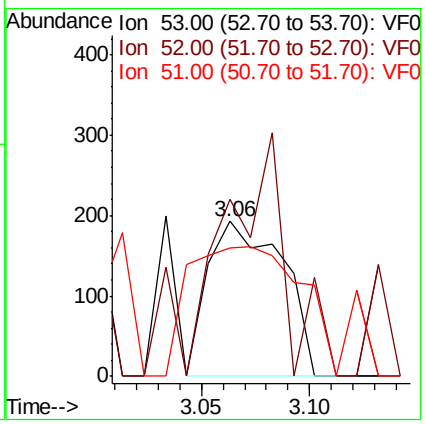


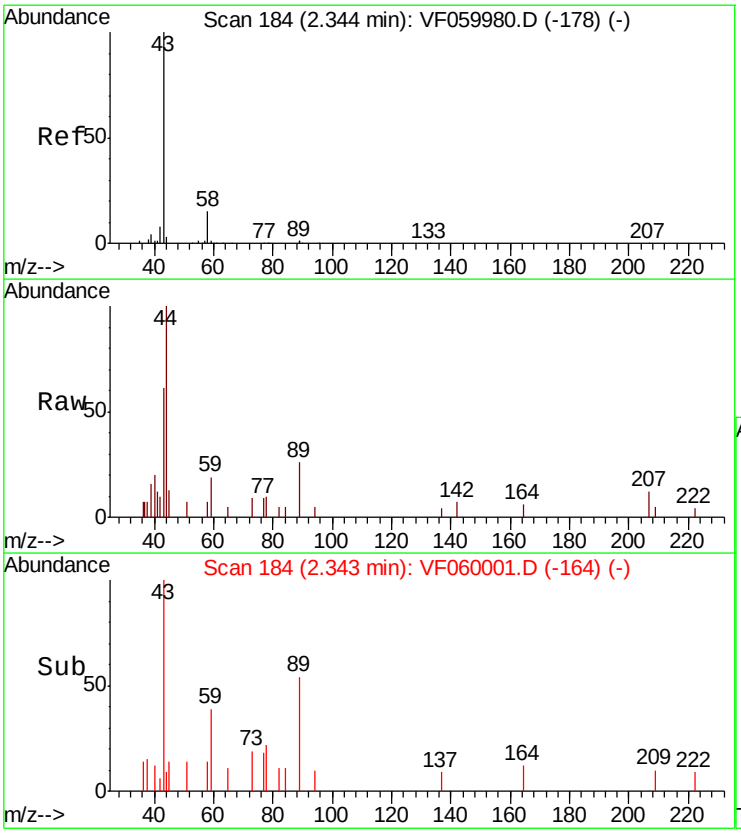
#15
Acrylonitrile
Concen: 1.96 ug/l
RT: 3.06 min Scan# 257
Delta R.T. -0.02 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Instrument : MSVOA_F
ClientSampleId : VF0820SBL01

Tgt Ion: 53 Resp: 465

Ion	Ratio	Lower	Upper
53	100		
52	114.5	76.0	114.0#
51	82.4	41.9	62.9#

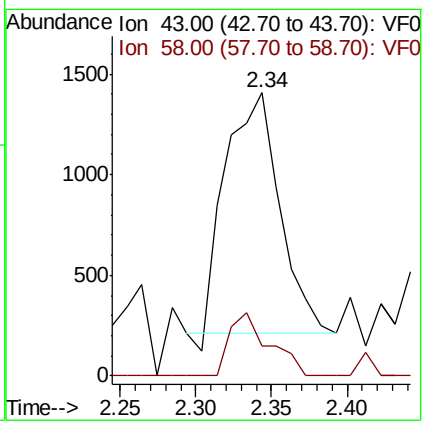


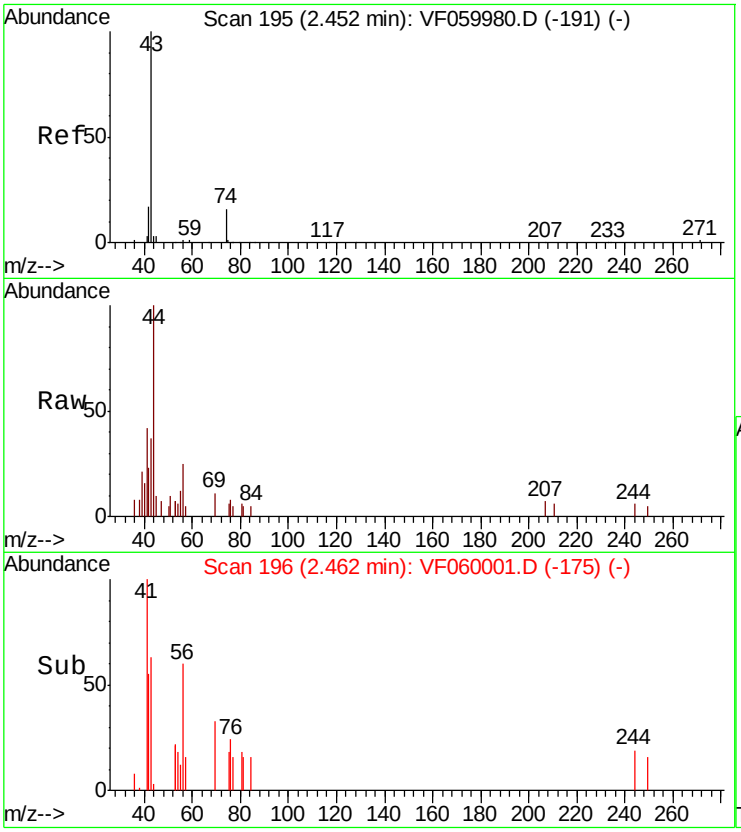


#16
Acetone
Concen: Below Cal
RT: 2.34 min Scan# 184
Delta R.T. 0.00 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Tgt Ion: 43 Resp: 2966

Ion	Ratio	Lower	Upper
43	100		
58	10.7	11.9	17.9#



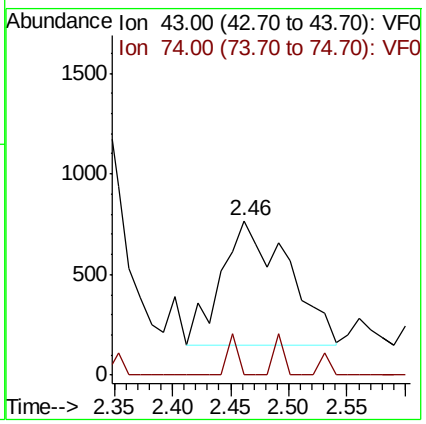


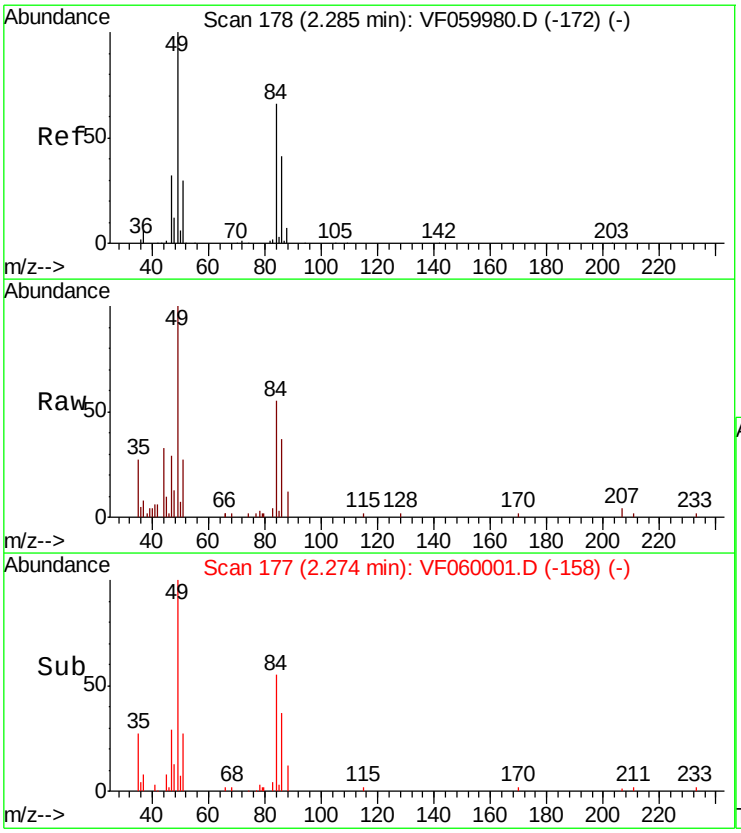
#18
Methyl Acetate
Concen: Below Cal
RT: 2.46 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Instrument : MSVOA_F
ClientSampleId : VF0820SBL01

Tgt Ion: 43 Resp: 2496

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.3	18.5#

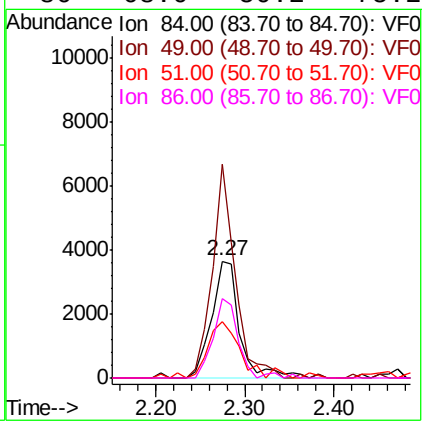


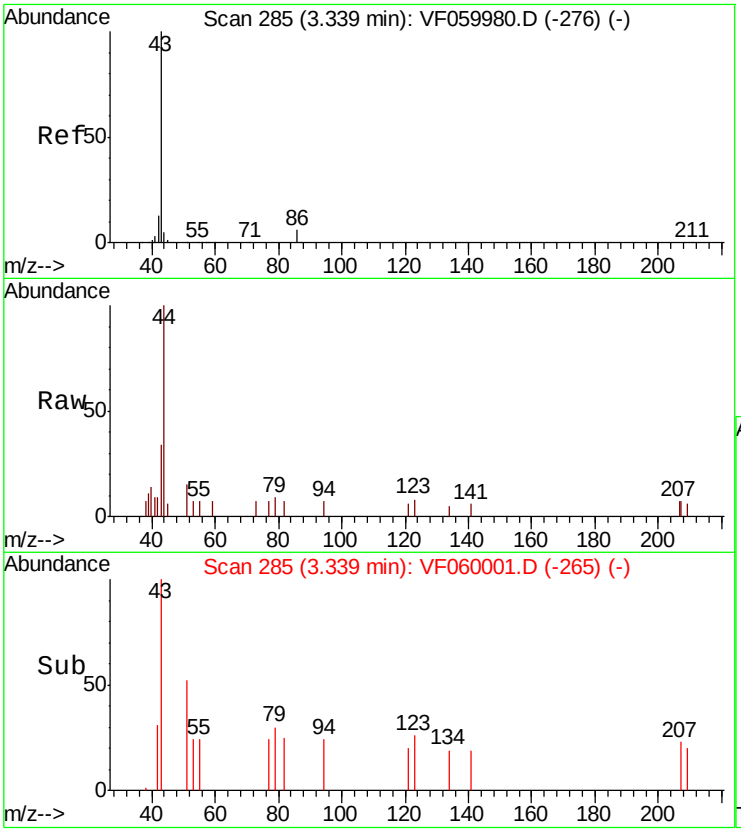


#20
Methylene Chloride
Concen: 1.88 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.01 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Tgt Ion: 84 Resp: 8095

Ion	Ratio	Lower	Upper
84	100		
49	182.4	122.5	183.7
51	48.5	37.1	55.7
86	68.0	50.2	75.2



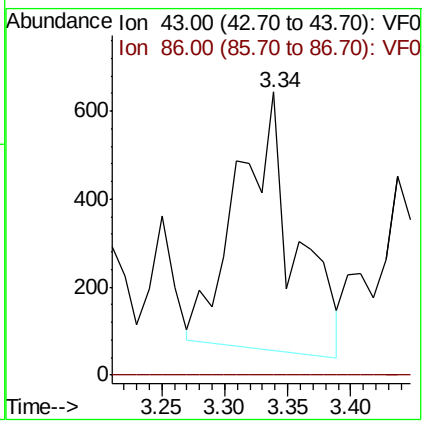


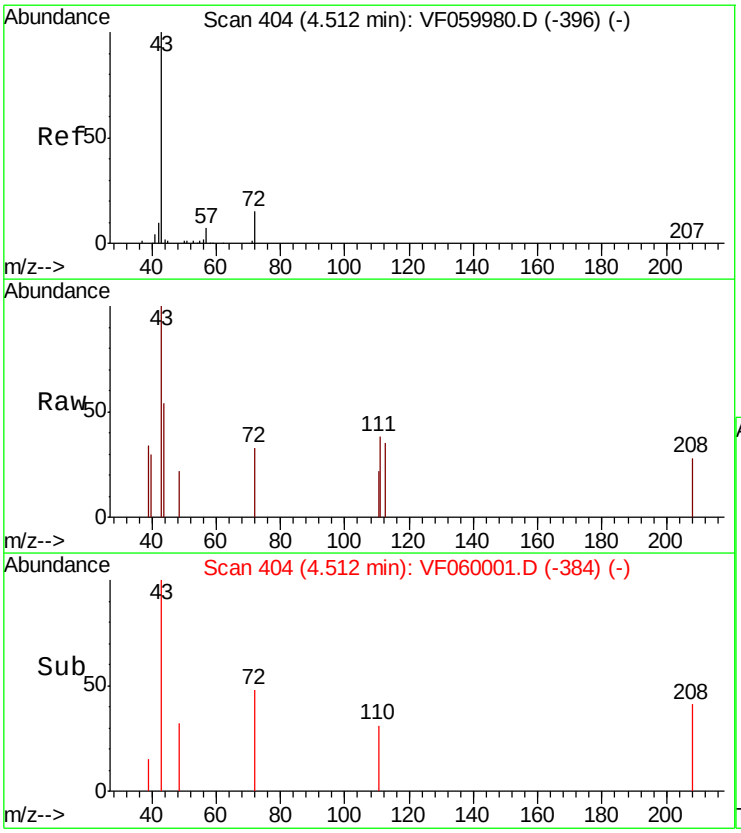
#23
Vinyl Acetate
Concen: 1.03 ug/l
RT: 3.34 min Scan# 285
Delta R.T. -0.00 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Instrument : MSVOA_F
ClientSampleId : VF0820SBL01

Tgt Ion: 43 Resp: 1846

Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.4	6.6#

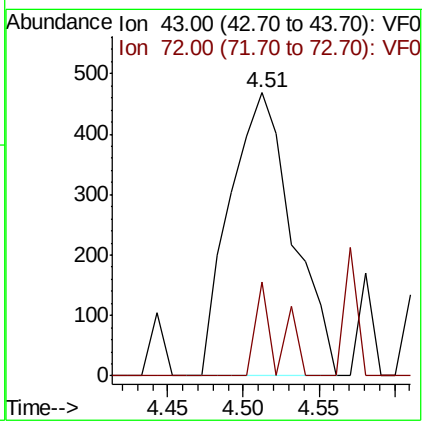


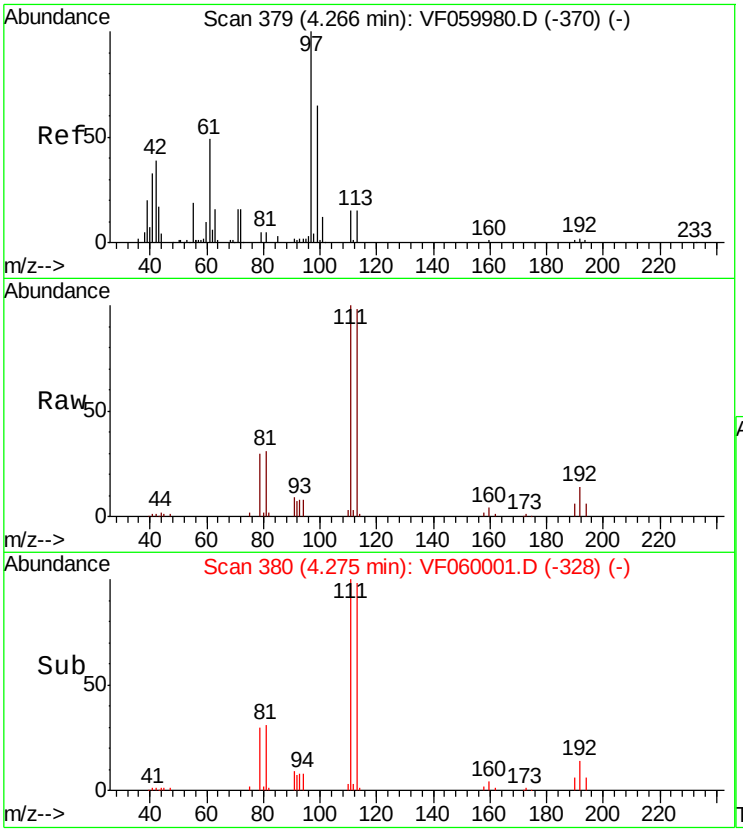


#25
2-Butanone
Concen: 2.22 ug/l
RT: 4.51 min Scan# 404
Delta R.T. -0.00 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Tgt Ion: 43 Resp: 1354

Ion	Ratio	Lower	Upper
43	100		
72	33.3	12.5	18.7#



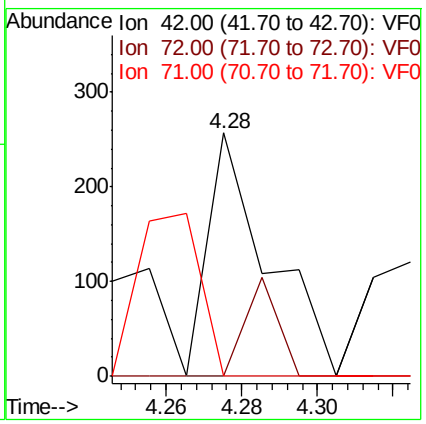


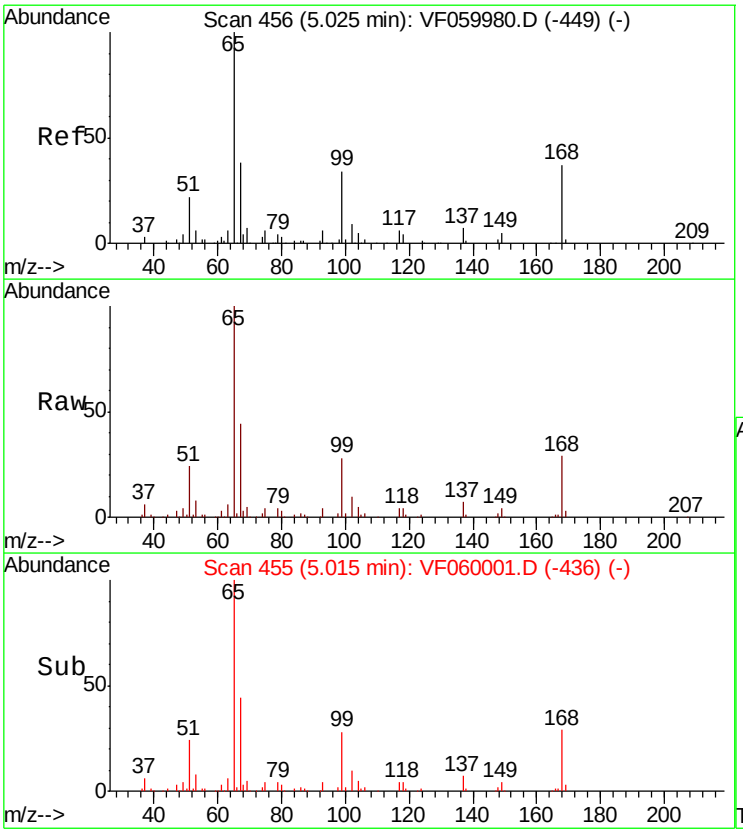
#29
Tetrahydrofuran
Concen: 1.30 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.01 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Instrument :
MSVOA_F
ClientSampleId :
VF0820SBL01

Tgt Ion: 42 Resp: 282

Ion	Ratio	Lower	Upper
42	100		
72	22.0	29.8	44.6#
71	70.6	29.0	43.4#

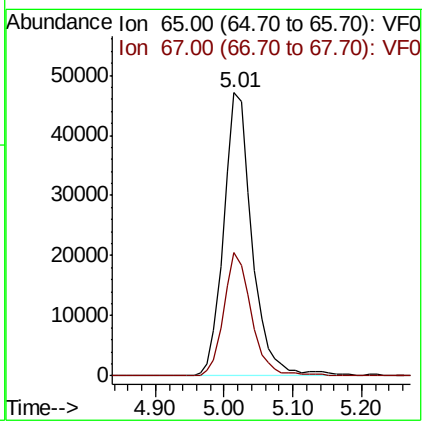


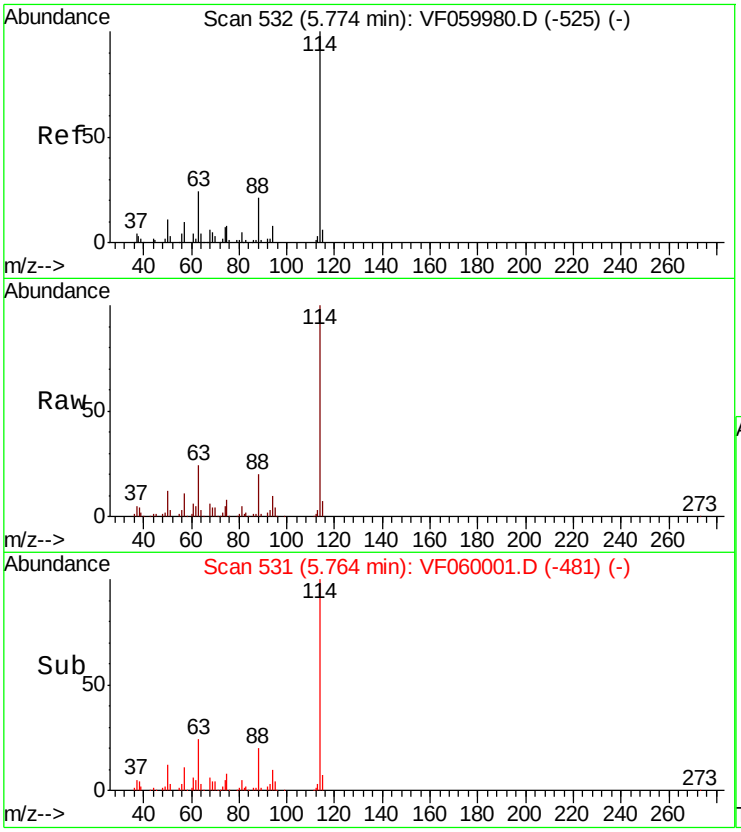


#33
1,2-Dichloroethane-d4
Concen: 53.25 ug/l
RT: 5.01 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Tgt Ion: 65 Resp: 134182

Ion	Ratio	Lower	Upper
65	100		
67	43.8	0.0	82.6



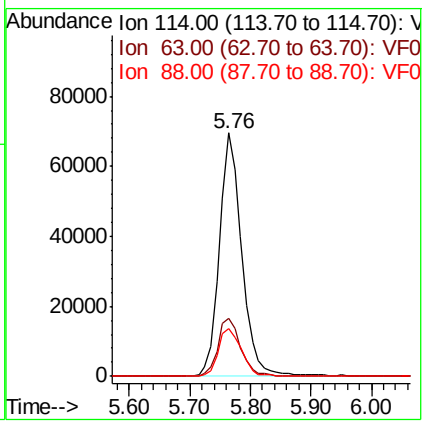


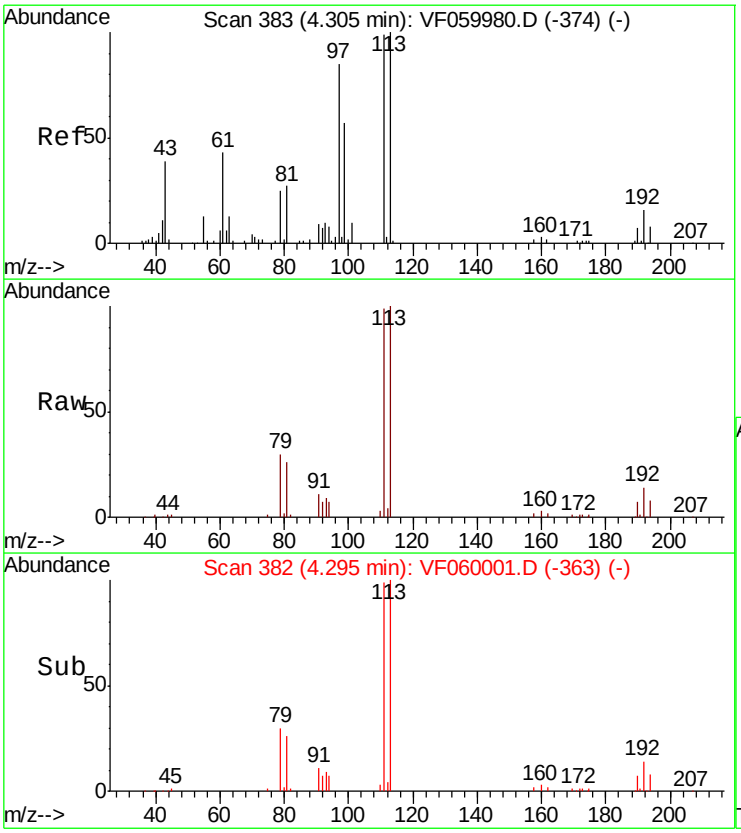
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.76 min Scan# 531
Delta R.T. -0.01 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Instrument :
MSVOA_F
ClientSampleId :
VF0820SBL01

Tgt Ion:114 Resp: 178842

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	48.6
88	19.6	0.0	42.8

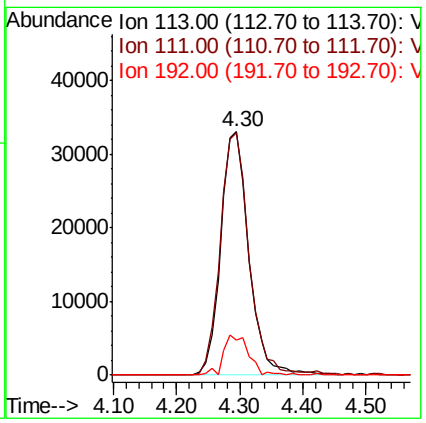


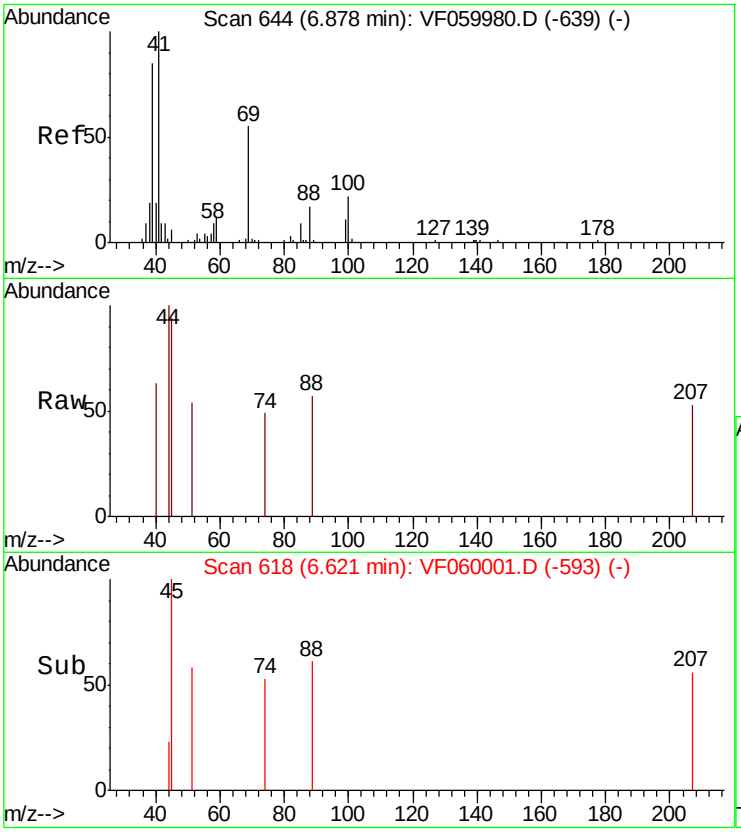


#35
Dibromofluoromethane
Concen: 55.84 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Tgt Ion:113 Resp: 102068

Ion	Ratio	Lower	Upper
113	100		
111	99.4	79.5	119.3
192	14.5	12.4	18.6



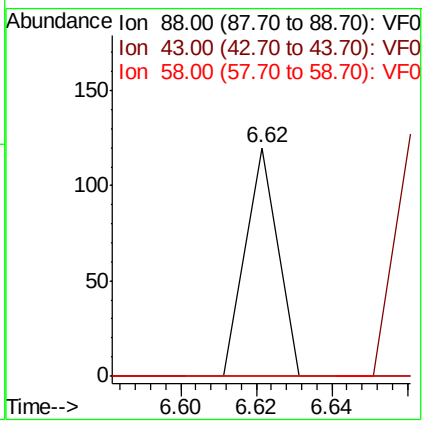


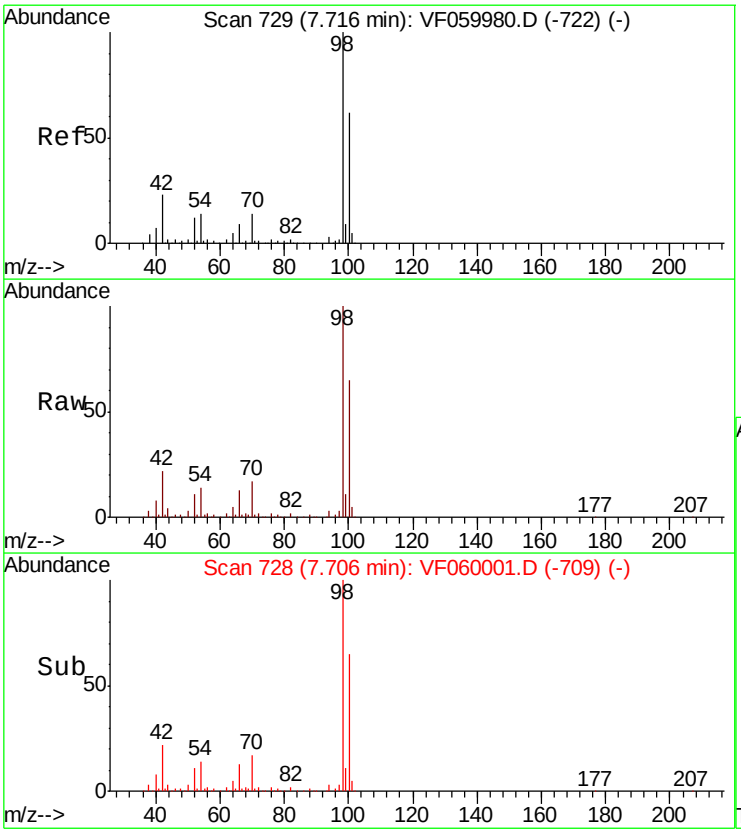
#49
1,4-Dioxane
Concen: 65.65 ug/l
RT: 6.62 min Scan# 618
Delta R.T. -0.26 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Instrument : MSVOA_F
ClientSampleId : VF0820SBL01

Tgt Ion: 88 Resp: 71

Ion	Ratio	Lower	Upper
88	100		
43	0.0	43.2	64.8#
58	0.0	42.0	63.0#

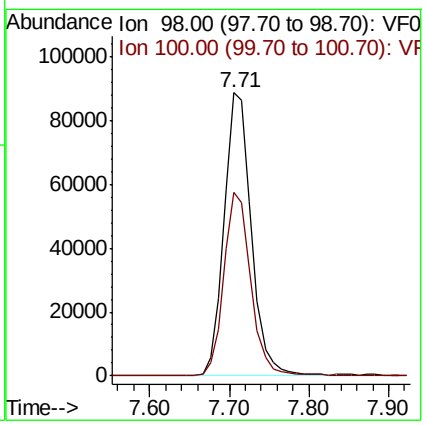


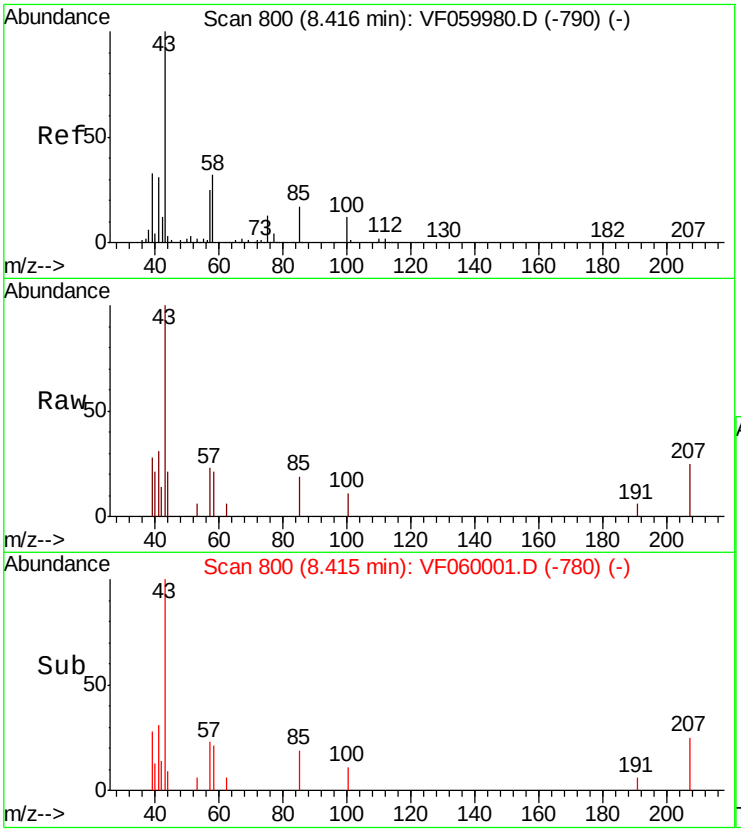


#50
Toluene-d8
Concen: 52.58 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Tgt Ion: 98 Resp: 213725

Ion	Ratio	Lower	Upper
98	100		
100	64.9	49.8	74.8



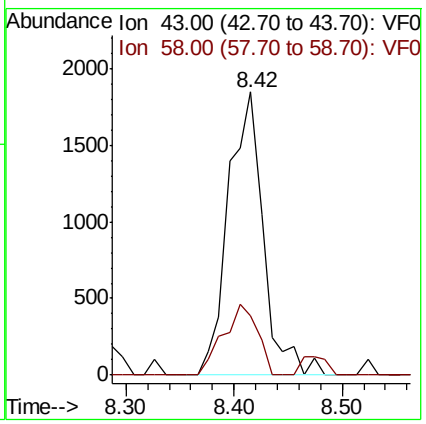


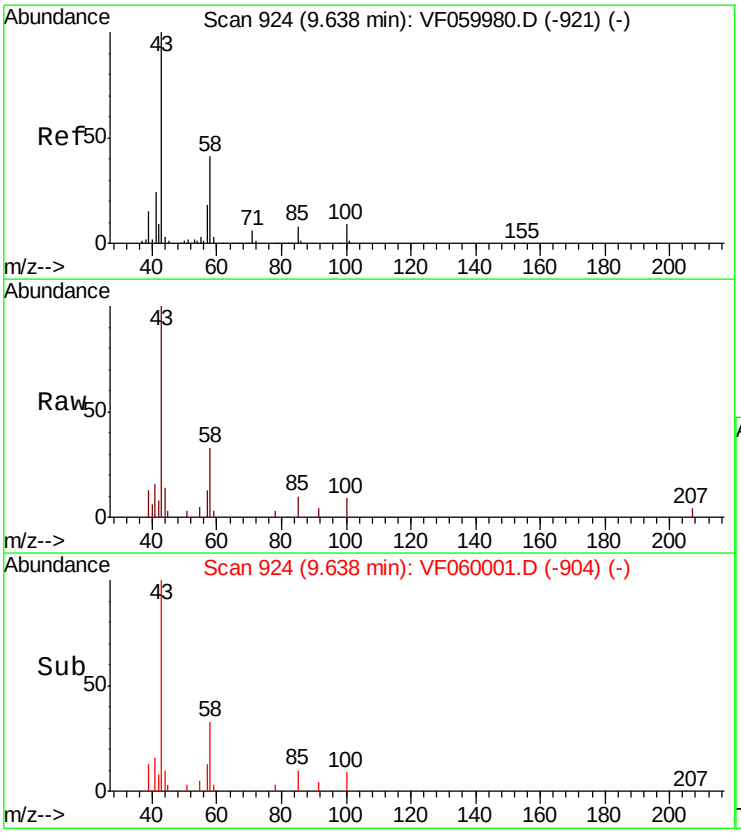
#51
4-Methyl-2-Pentanone
Concen: 3.58 ug/l
RT: 8.42 min Scan# 800
Delta R.T. -0.00 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Instrument : MSVOA_F
ClientSampleId : VF0820SBL01

Tgt Ion: 43 Resp: 4141

Ion	Ratio	Lower	Upper
43	100		
58	21.1	25.6	38.4#

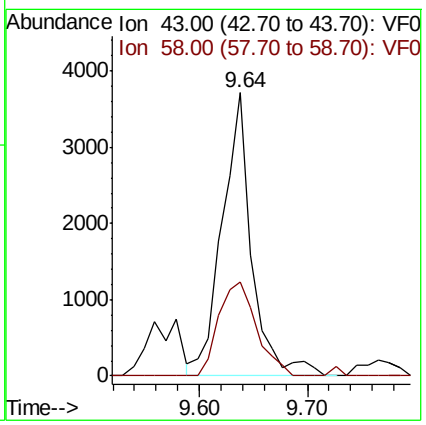


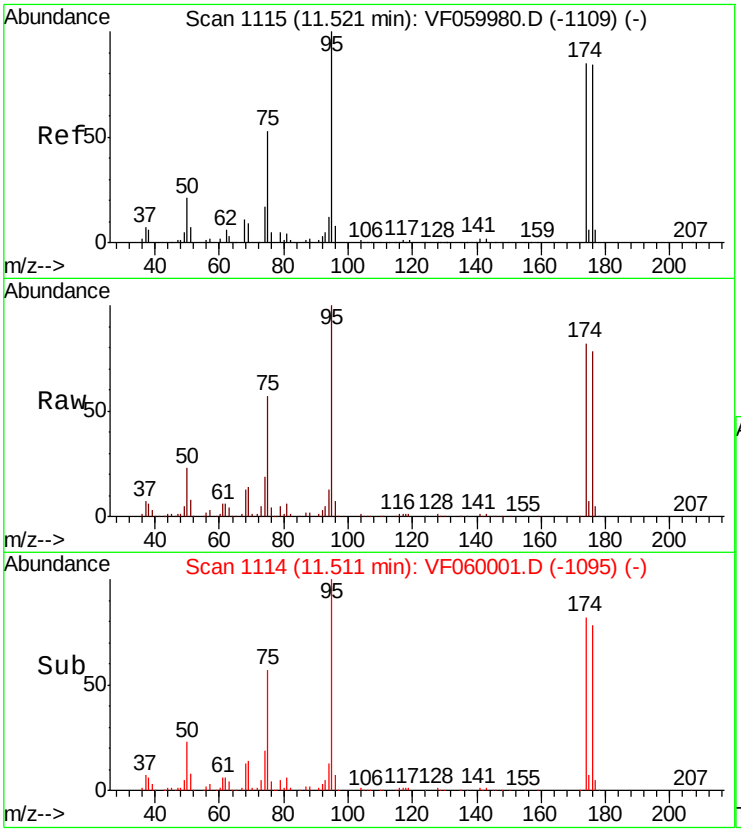


#59
2-Hexanone
Concen: 7.41 ug/l
RT: 9.64 min Scan# 924
Delta R.T. -0.00 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Tgt Ion: 43 Resp: 7082

Ion	Ratio	Lower	Upper
43	100		
58	33.2	20.1	60.3



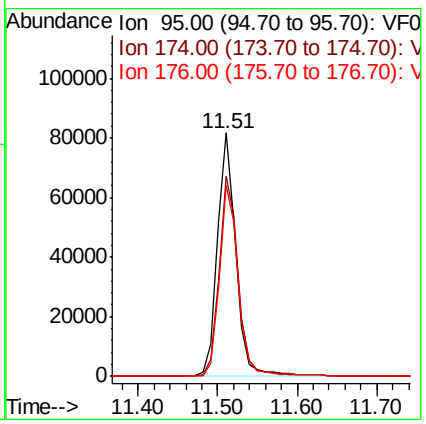


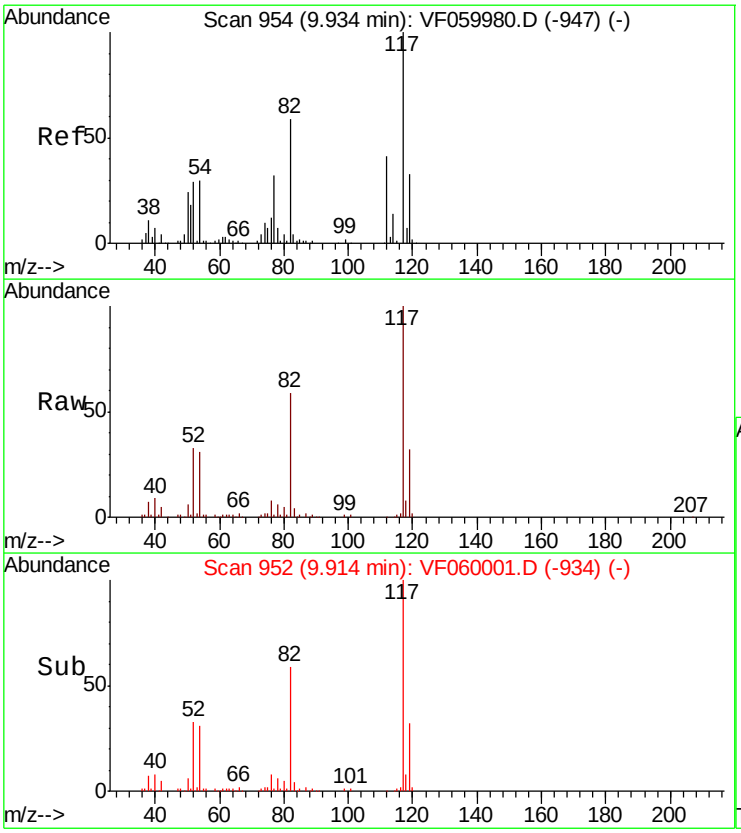
#62
4-Bromofluorobenzene
Concen: 53.94 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Instrument : MSVOA_F
ClientSampleId : VF0820SBL01

Tgt Ion: 95 Resp: 134537

Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	169.8
176	78.3	0.0	167.8

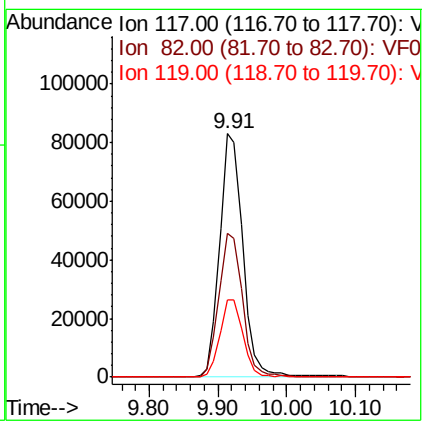


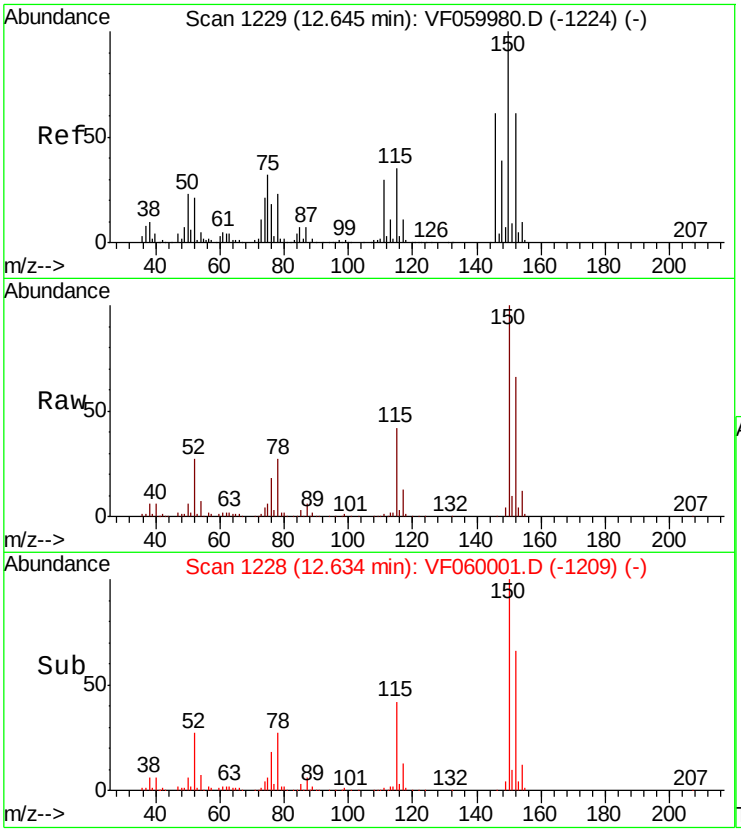


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Tgt Ion:117 Resp: 194496

Ion	Ratio	Lower	Upper
117	100		
82	59.1	47.2	70.8
119	31.8	26.1	39.1



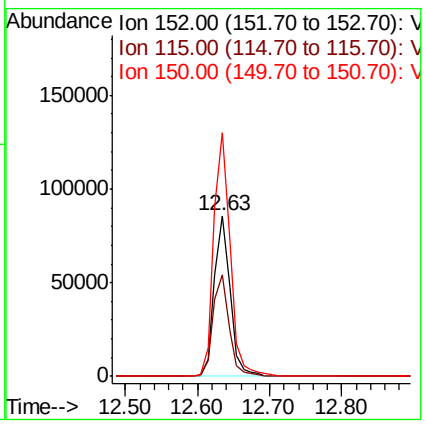


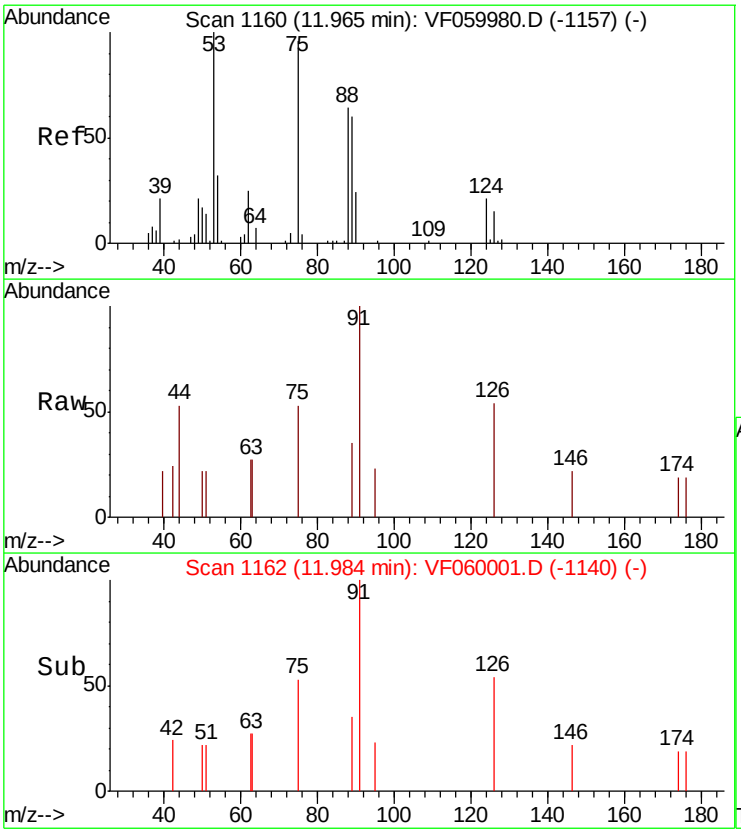
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Instrument :
MSVOA_F
ClientSampleId :
VF0820SBL01

Tgt Ion:152 Resp: 128458

Ion	Ratio	Lower	Upper
152	100		
115	62.8	29.1	87.3
150	151.2	0.0	330.2

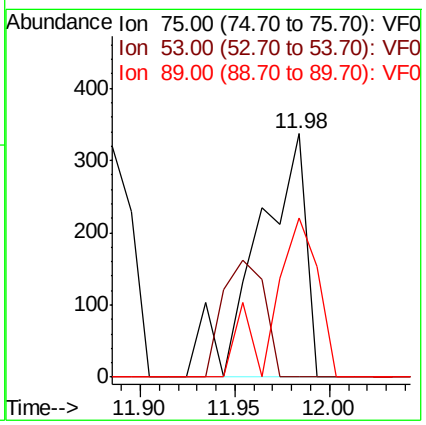


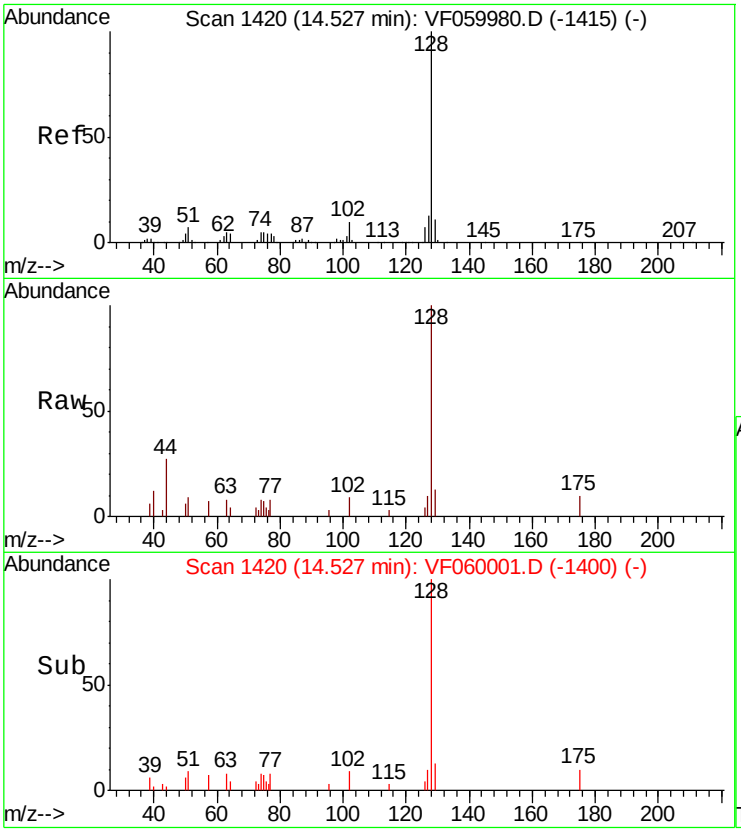


#81
trans-1,4-Dichloro-2-butene
Concen: 1.06 ug/l
RT: 11.98 min Scan# 1162
Delta R.T. 0.02 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Tgt Ion: 75 Resp: 601

Ion	Ratio	Lower	Upper
75	100		
53	0.0	87.4	131.0#
89	65.6	52.8	79.2





#95
Naphthalene
Concen: 1.04 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VF060001.D
Acq: 20 Aug 2018 14:37

Instrument :
MSVOA_F
ClientSampleId :
VF0820SBL01

Tgt Ion:128 Resp: 4686

Ion	Ratio	Lower	Upper
128	100		
127	9.9	10.2	15.2#
129	12.6	9.0	13.4