Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF012419\
Data File : VF061504.D
Acq On : 24 Jan 2019 17:07
Operator : VA/AP
Sample : K1223-01RE
Misc : 4.74g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TS-MRE

Quant Time: Jan 25 04:09:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	156791	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	5.63	114	289674	50.00	ug/l	0.04
63) Chlorobenzene-d5	9.81	117	156491	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	12.58	152	39380	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.88	65	100257	51.79	ug/l	0.05
Spiked Amount 50.000			Recovery = 103.58%			
35) Dibromofluoromethane	4.14	113	104477	45.71	ug/l	0.04
Spiked Amount 50.000			Recovery = 91.42%			
50) Toluene-d8	7.59	98	197601	31.55	ug/l	0.04
Spiked Amount 50.000			Recovery = 63.10%			
62) 4-Bromofluorobenzene	11.43	95	48925	16.72	ug/l	0.03
Spiked Amount 50.000			Recovery = 33.44%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.56	59	186	2.270	ug/l #	64
13) Acrolein	2.01	56	344	15.009	ug/l	98
14) Allyl chloride	2.12	41	340	Below Cal	#	49
15) Acrylonitrile	2.95	53	403	1.920	ug/l #	20
16) Acetone	2.26	43	42816	110.253	ug/l	99
18) Methyl Acetate	2.26	43	41178	53.468	ug/l #	61
20) Methylene Chloride	2.20	84	1670	Below Cal		87
23) Vinyl Acetate	3.20	43	747	3.532	ug/l #	61
25) 2-Butanone	4.37	43	118718	183.832	ug/l	96
29) Tetrahydrofuran	4.11	42	557	2.003	ug/l #	67
43) Isopropyl Acetate	6.94	43	12285	7.291	ug/l #	51
49) 1,4-Dioxane	7.05	88	64	Below Cal	#	13
51) 4-Methyl-2-Pentanone	8.29	43	3277	2.645	ug/l #	78
58) 2-Chloroethyl Vinyl ether	7.34	63	611	30.707	ug/l #	47
59) 2-Hexanone	9.53	43	3190	3.693	ug/l	81
86) p-Isopropyltoluene	12.48	119	14056	4.713	ug/l	94
95) Naphthalene	14.47	128	3989	2.369	ug/l #	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012419\
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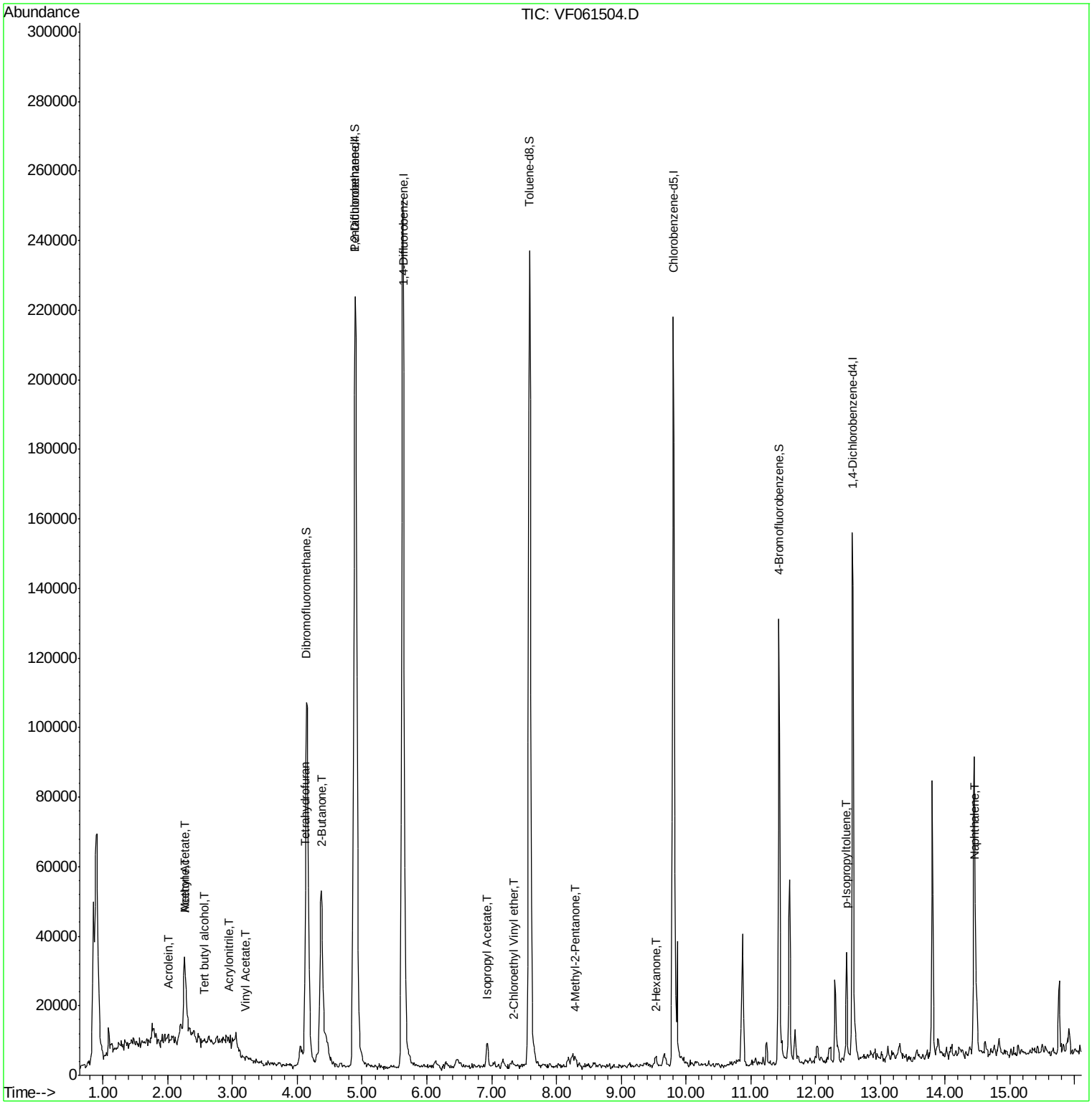
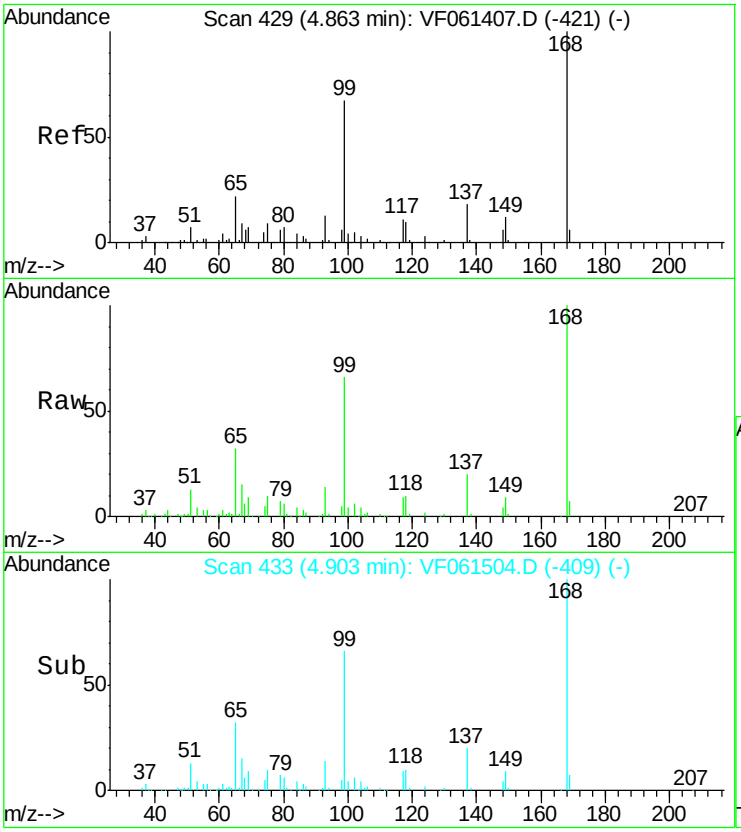
Acq On : 24 Jan 2019 17:07
Operator : VA/AP
Sample : K1223-01RE
Misc : 4.74g/5mL/MSVOA-F/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TS-MRE

Quant Time: Jan 25 04:09:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration



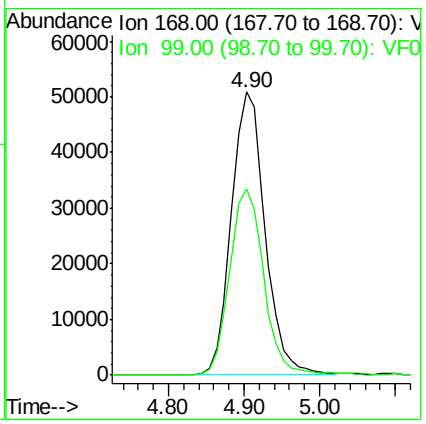


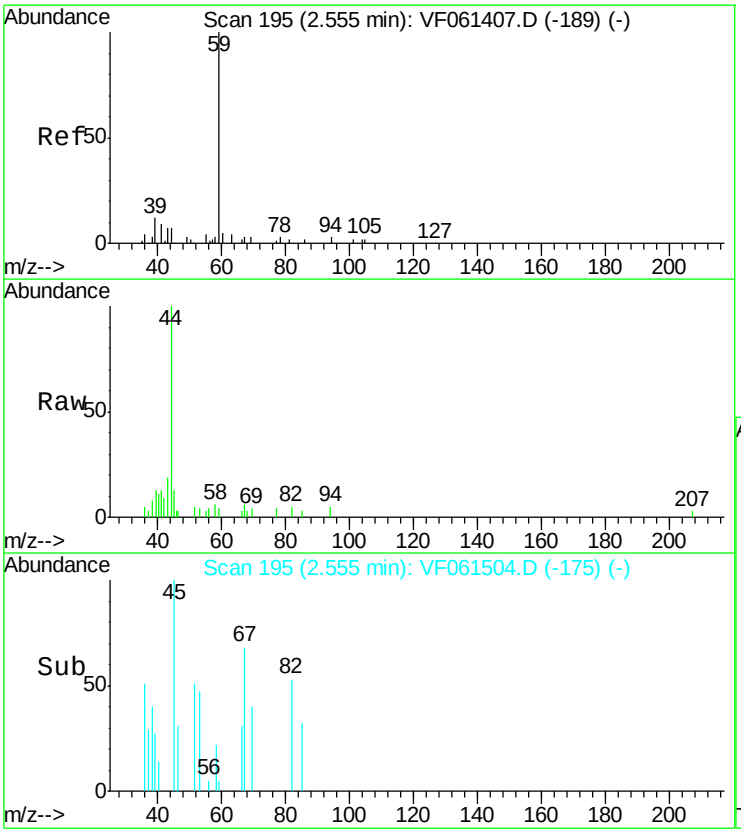
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.90 min Scan# 433
Delta R.T. 0.04 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Instrument :
MSVOA_F
ClientSampleId :
TS-MRE

Tgt Ion:168 Resp: 156791

Ion	Ratio	Lower	Upper
168	100		
99	65.8	53.5	80.3

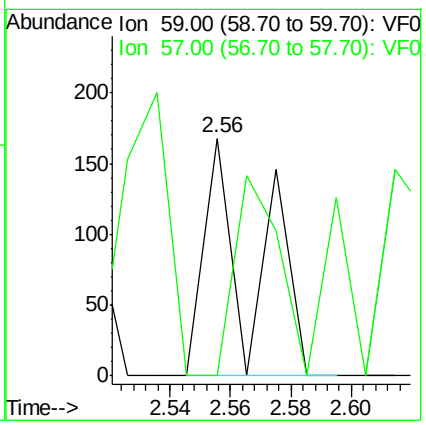


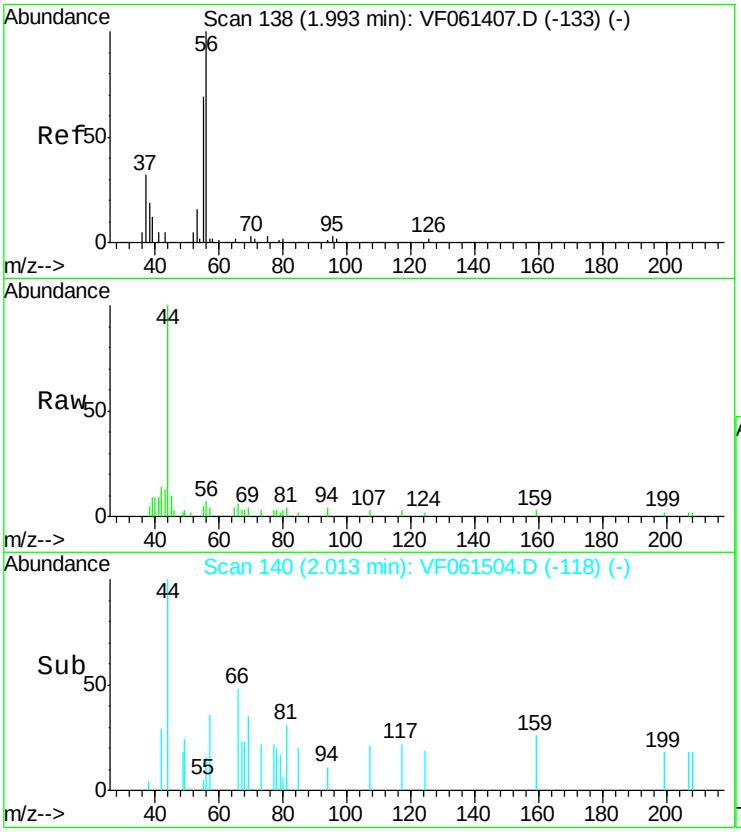


#11
Tert butyl alcohol
Concen: 2.270 ug/l
RT: 2.56 min Scan# 195
Delta R.T. 0.00 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Tgt Ion: 59 Resp: 186

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.9	17.9#



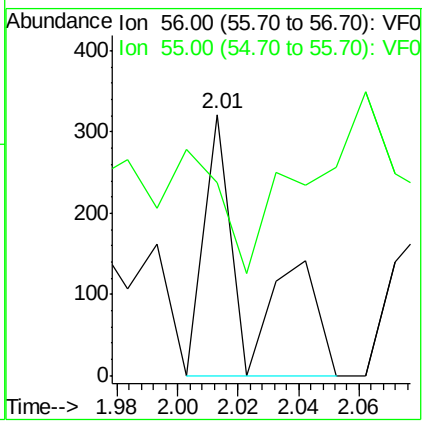


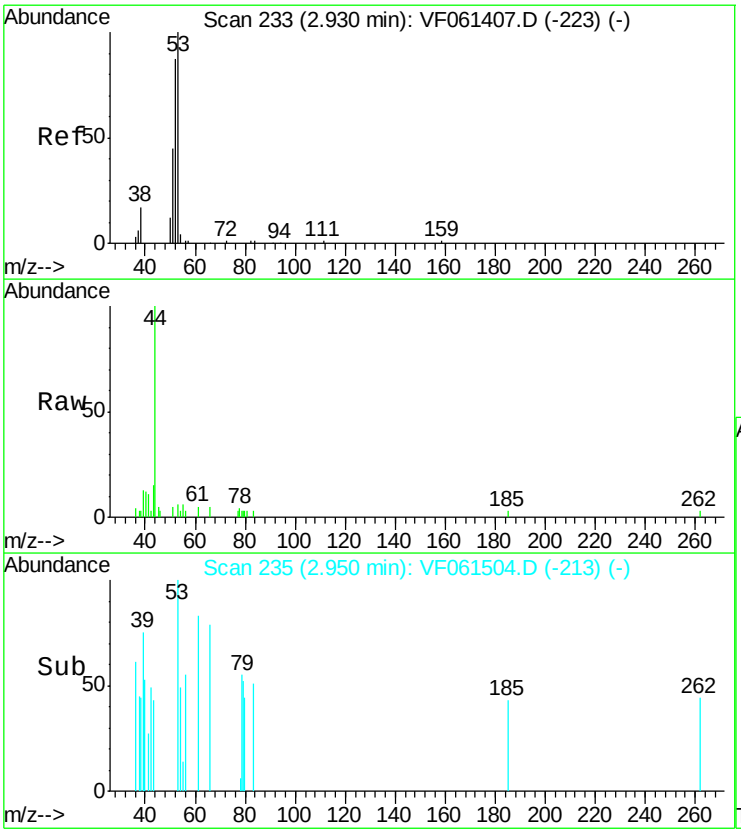
#13
Acrolein
Concen: 15.009 ug/l
RT: 2.01 min Scan# 140
Delta R.T. 0.02 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Instrument :
MSVOA_F
ClientSampleId :
TS-MRE

Tgt Ion: 56 Resp: 344

Ion	Ratio	Lower	Upper
56	100		
55	73.6	57.5	86.3

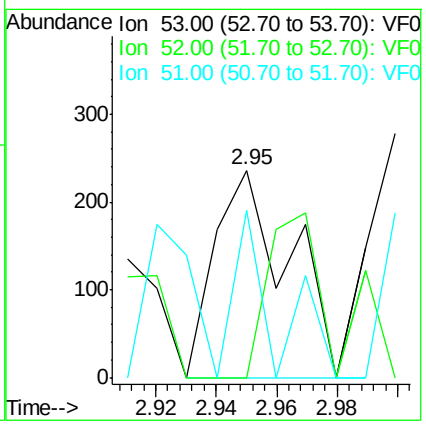


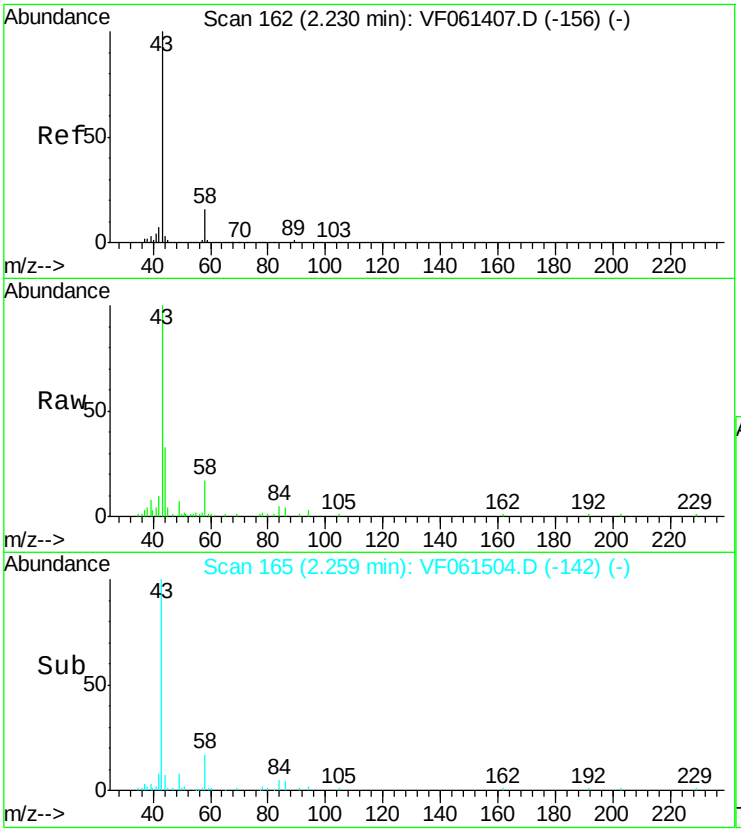


#15
Acrylonitrile
Concen: 1.920 ug/l
RT: 2.95 min Scan# 235
Delta R.T. 0.02 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Tgt Ion: 53 Resp: 403

Ion	Ratio	Lower	Upper
53	100		
52	0.0	69.6	104.4#
51	80.5	36.8	55.2#



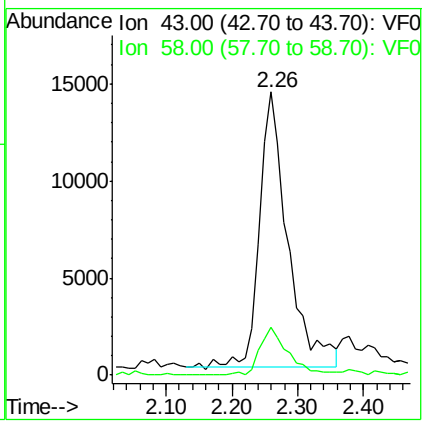


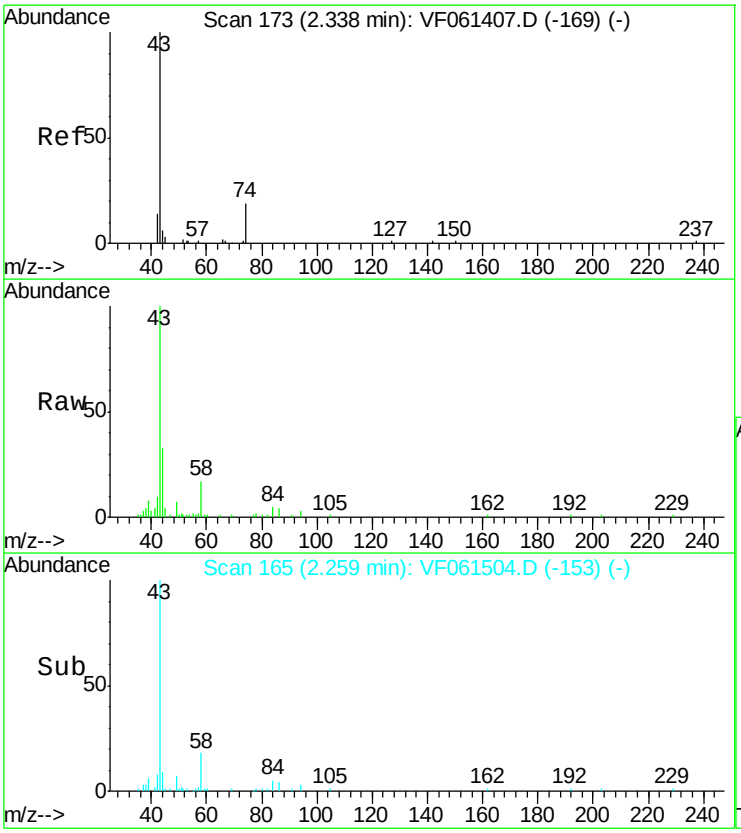
#16
Acetone
Concen: 110.253 ug/l
RT: 2.26 min Scan# 165
Delta R.T. 0.03 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Instrument :
MSVOA_F
ClientSampleId :
TS-MRE

Tgt Ion: 43 Resp: 42816

Ion	Ratio	Lower	Upper
43	100		
58	17.1	13.3	19.9

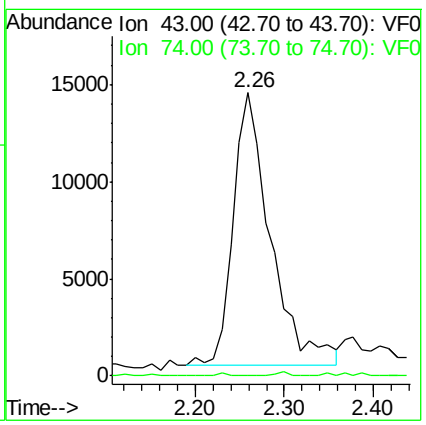


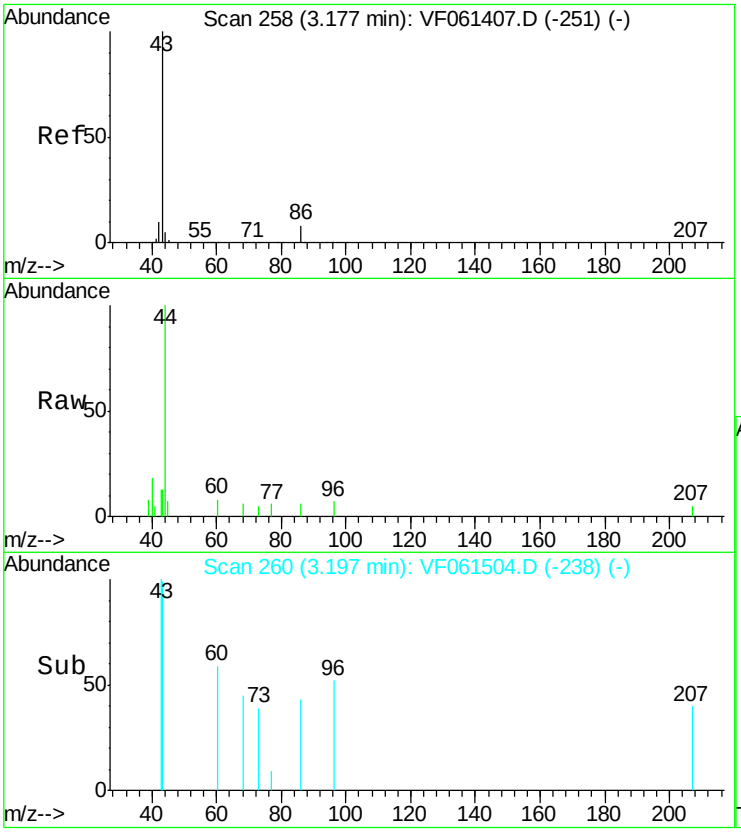


#18
Methyl Acetate
Concen: 53.468 ug/l
RT: 2.26 min Scan# 165
Delta R.T. -0.08 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Tgt Ion: 43 Resp: 41178

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#



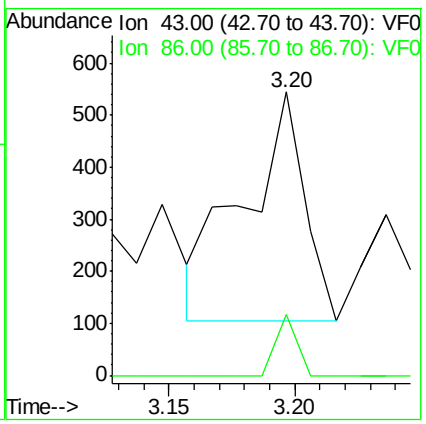


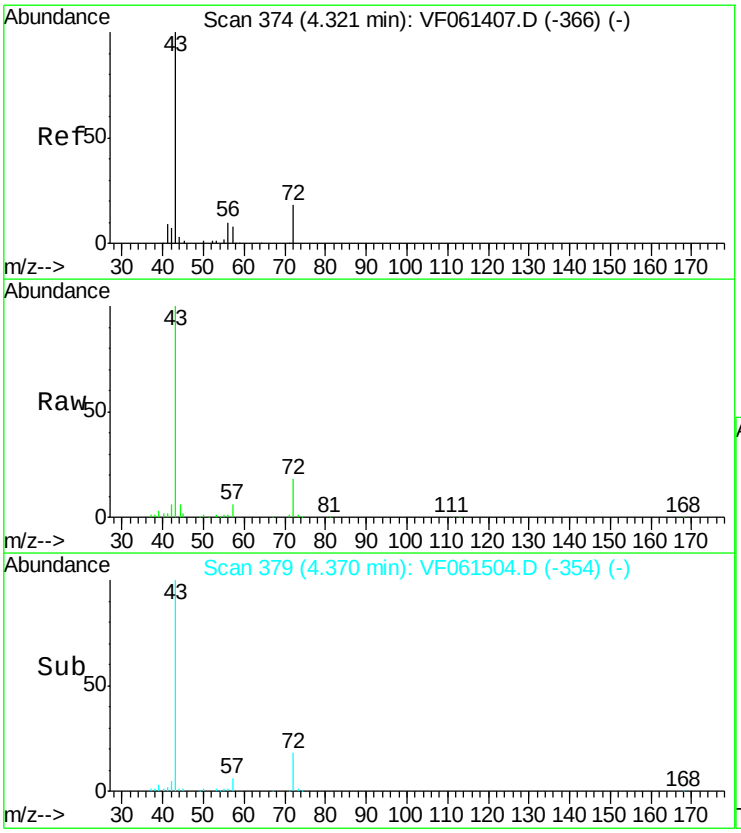
#23
Vinyl Acetate
Concen: 3.532 ug/l
RT: 3.20 min Scan# 260
Delta R.T. 0.02 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Instrument : MSVOA_F
ClientSampleId : TS-MRE

Tgt Ion: 43 Resp: 747

Ion	Ratio	Lower	Upper
43	100		
86	21.5	6.2	9.4#

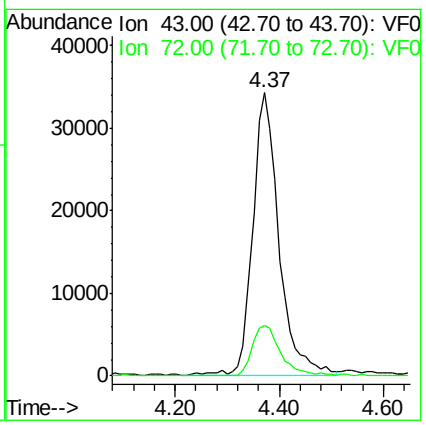


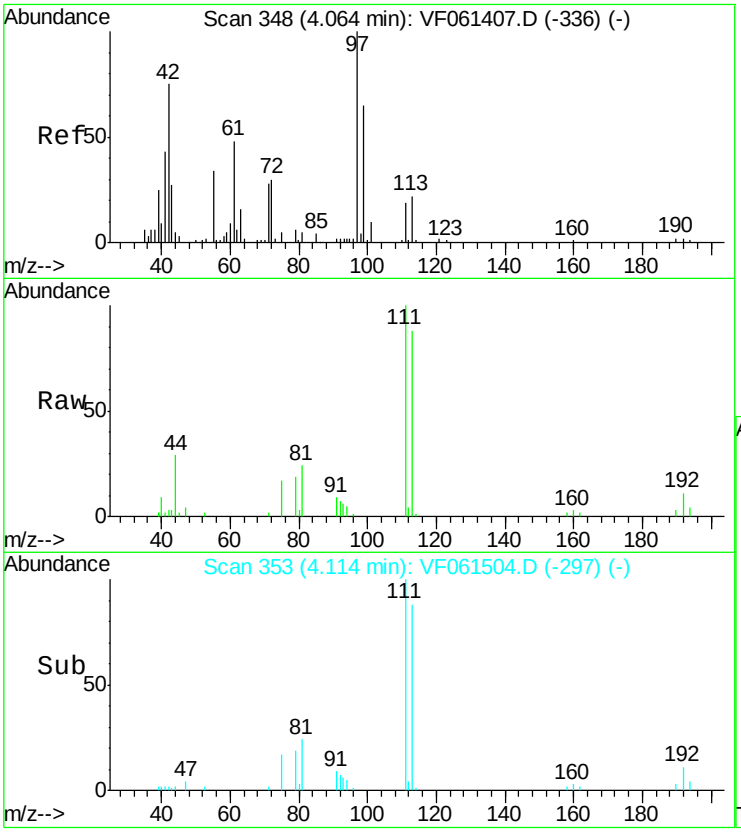


#25
2-Butanone
Concen: 183.832 ug/l
RT: 4.37 min Scan# 379
Delta R.T. 0.05 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Tgt Ion: 43 Resp: 118718

Ion	Ratio	Lower	Upper
43	100		
72	18.0	15.8	23.6



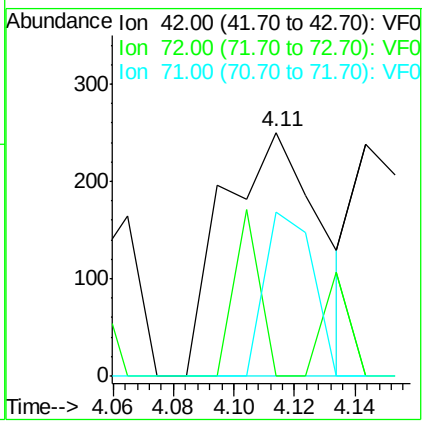


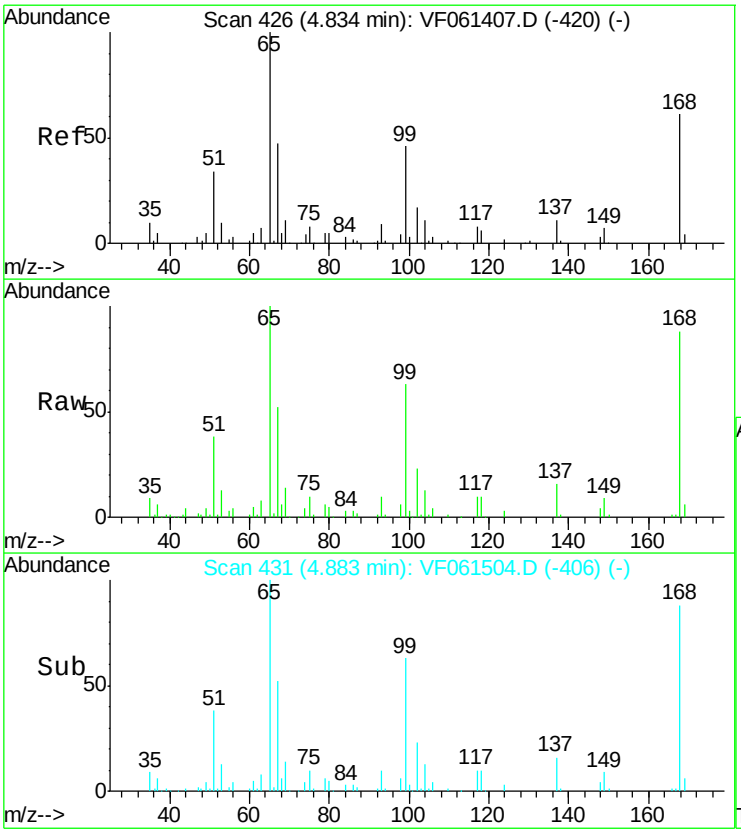
#29
Tetrahydrofuran
Concen: 2.003 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.05 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Instrument :
MSVOA_F
ClientSampleId :
TS-MRE

Tgt Ion: 42 Resp: 557

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.9	43.3#
71	33.8	29.6	44.4

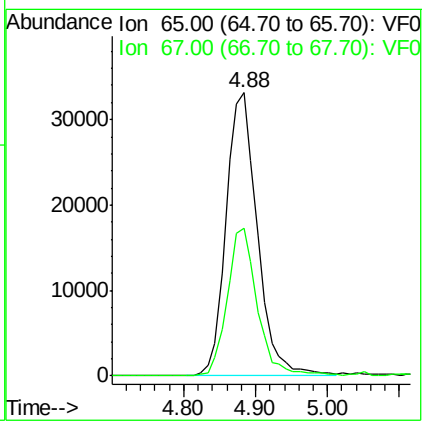


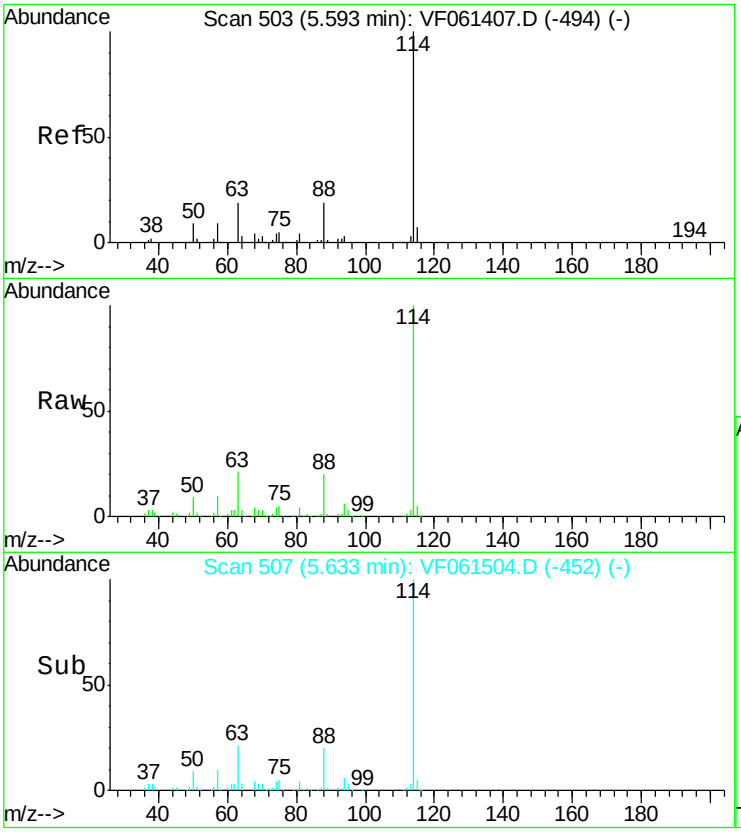


#33
1,2-Dichloroethane-d4
Concen: 51.791 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.05 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Tgt Ion: 65 Resp: 100257

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	99.8



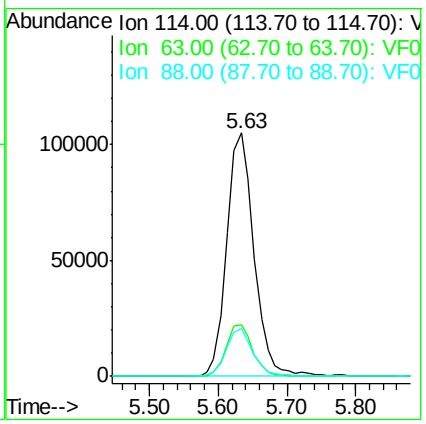


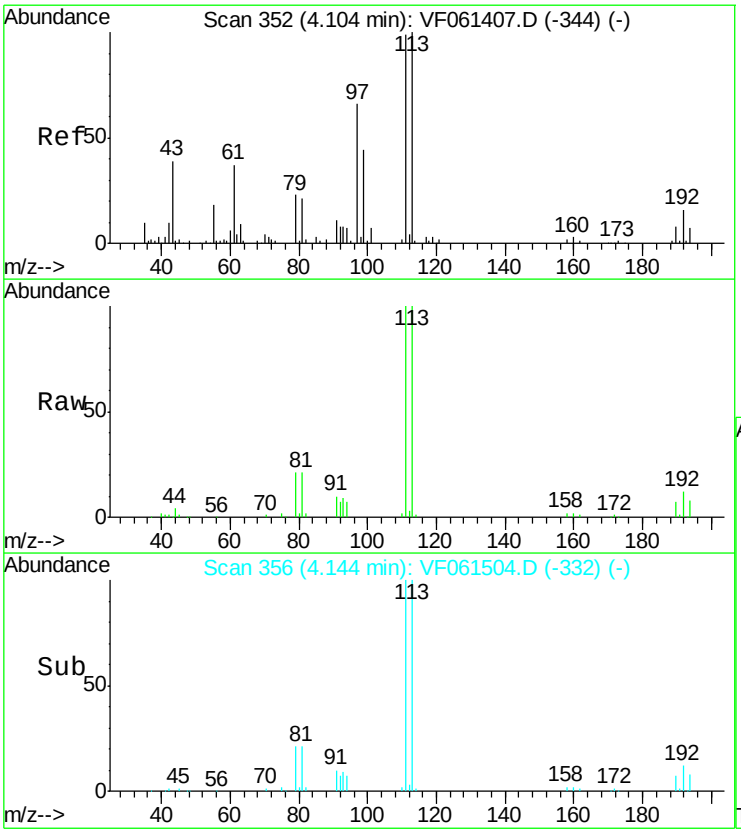
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 507
Delta R.T. 0.04 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Instrument :
MSVOA_F
ClientSampleId :
TS-MRE

Tgt Ion:114 Resp: 289674

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.0
88	19.9	0.0	37.4

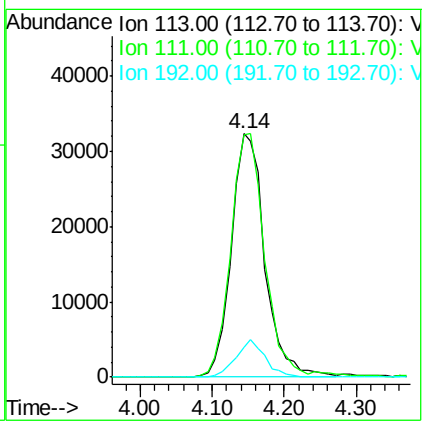


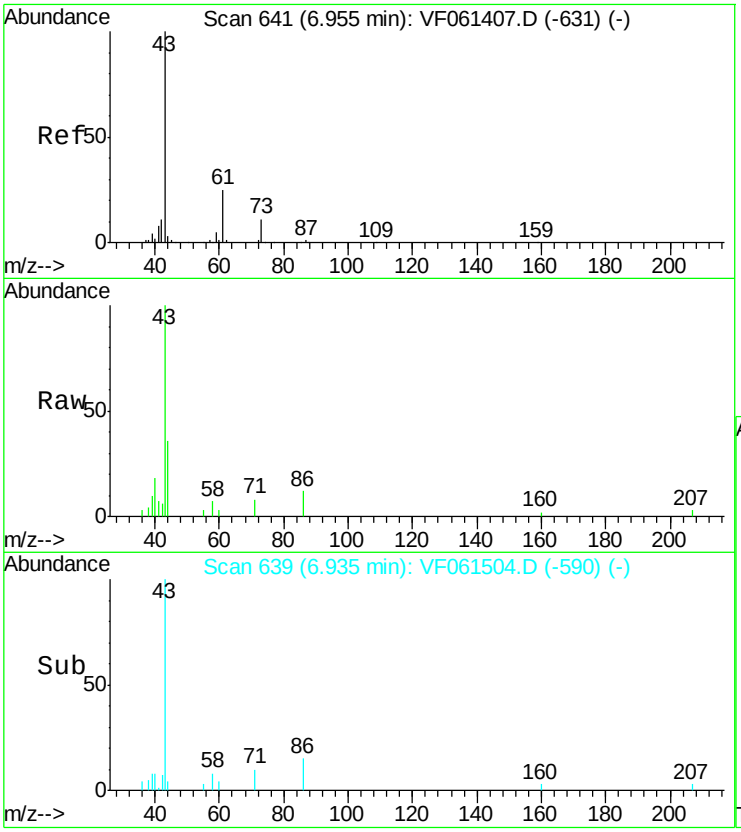


#35
Dibromofluoromethane
Concen: 45.707 ug/l
RT: 4.14 min Scan# 356
Delta R.T. 0.04 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Tgt Ion:113 Resp: 104477

Ion	Ratio	Lower	Upper
113	100		
111	99.8	79.4	119.0
192	12.3	12.4	18.6#



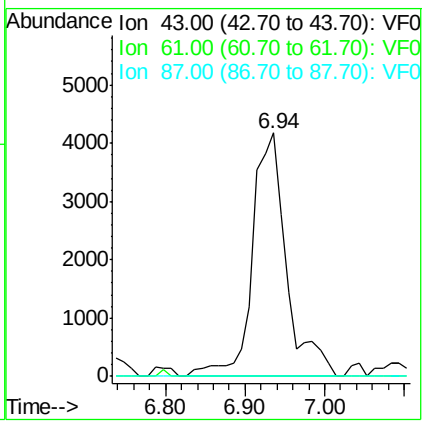


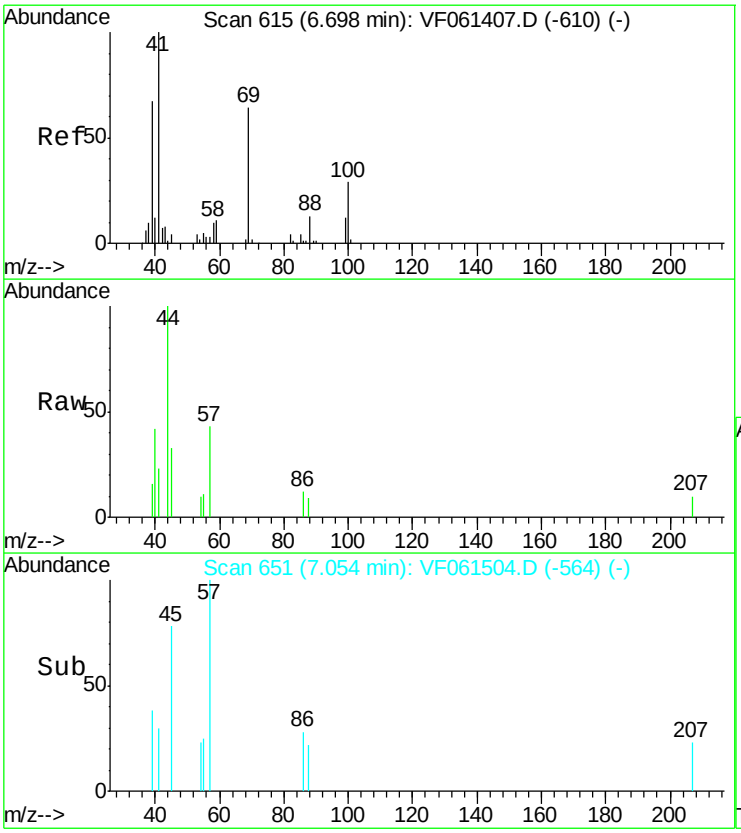
#43
Isopropyl Acetate
Concen: 7.291 ug/l
RT: 6.94 min Scan# 639
Delta R.T. -0.02 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Instrument : MSVOA_F
ClientSampleId : TS-MRE

Tgt Ion: 43 Resp: 12285

Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.3	30.5#
87	0.0	0.5	0.7#

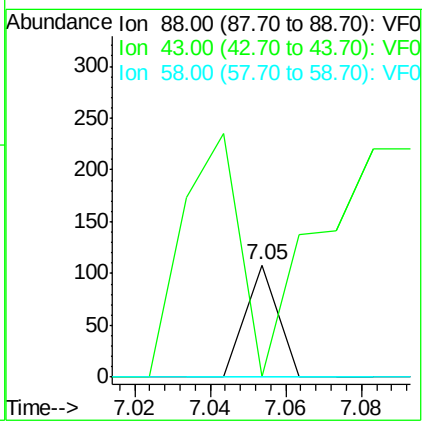


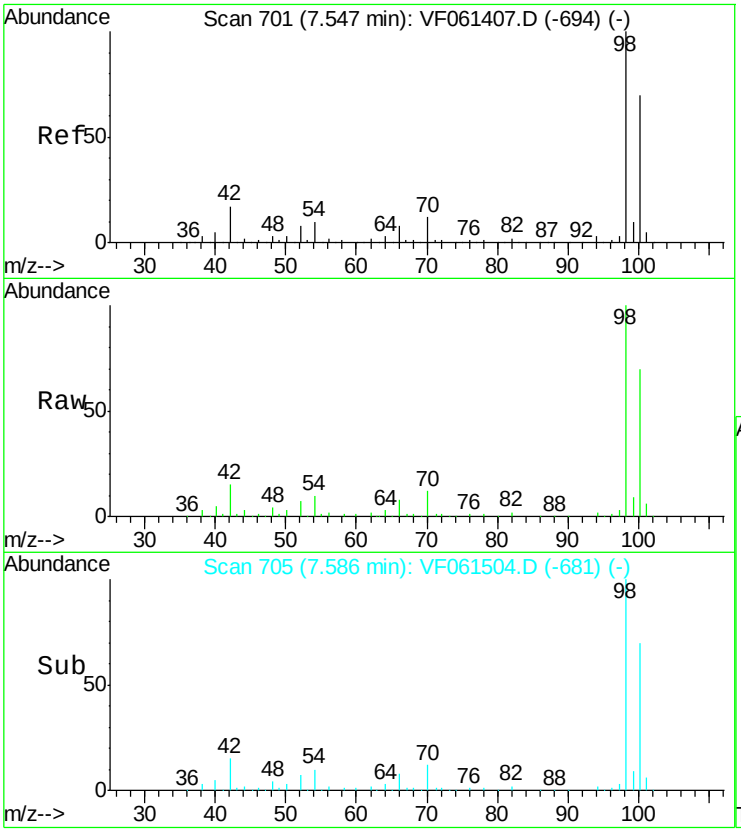


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.05 min Scan# 651
Delta R.T. 0.36 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
43	0.0	55.5	83.3#
58	0.0	59.9	89.9#



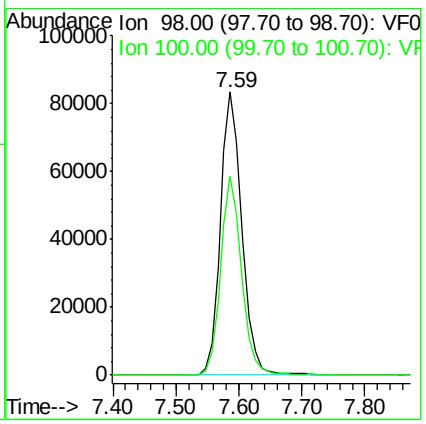


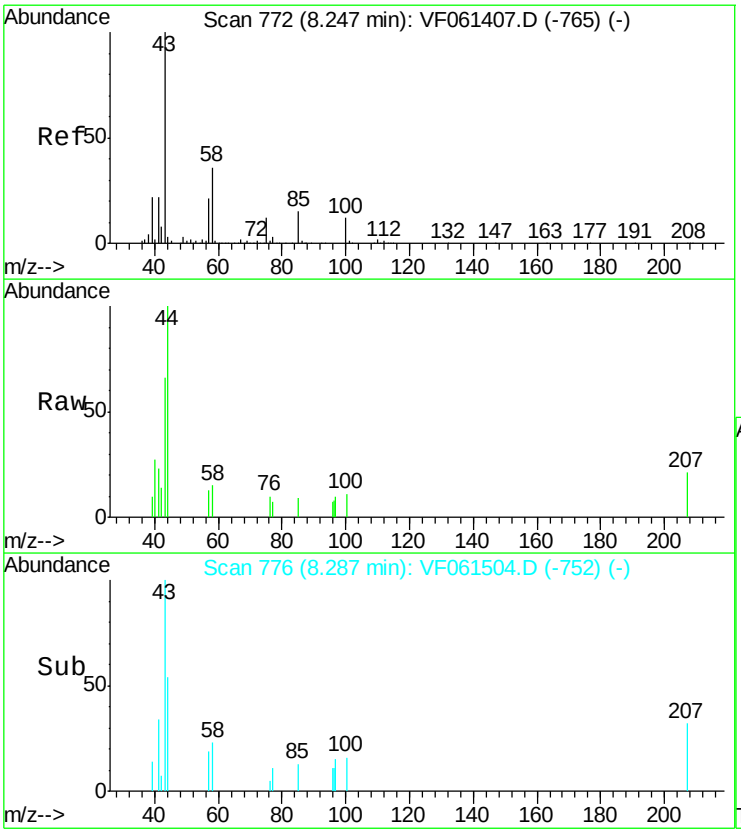
#50
Toluene-d8
Concen: 31.552 ug/l
RT: 7.59 min Scan# 705
Delta R.T. 0.04 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Instrument :
MSVOA_F
ClientSampleId :
TS-MRE

Tgt Ion: 98 Resp: 197601

Ion	Ratio	Lower	Upper
98	100		
100	70.1	55.6	83.4

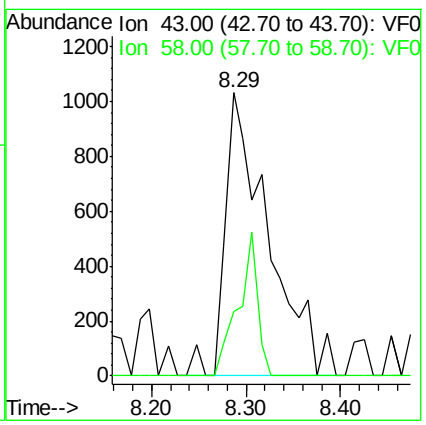


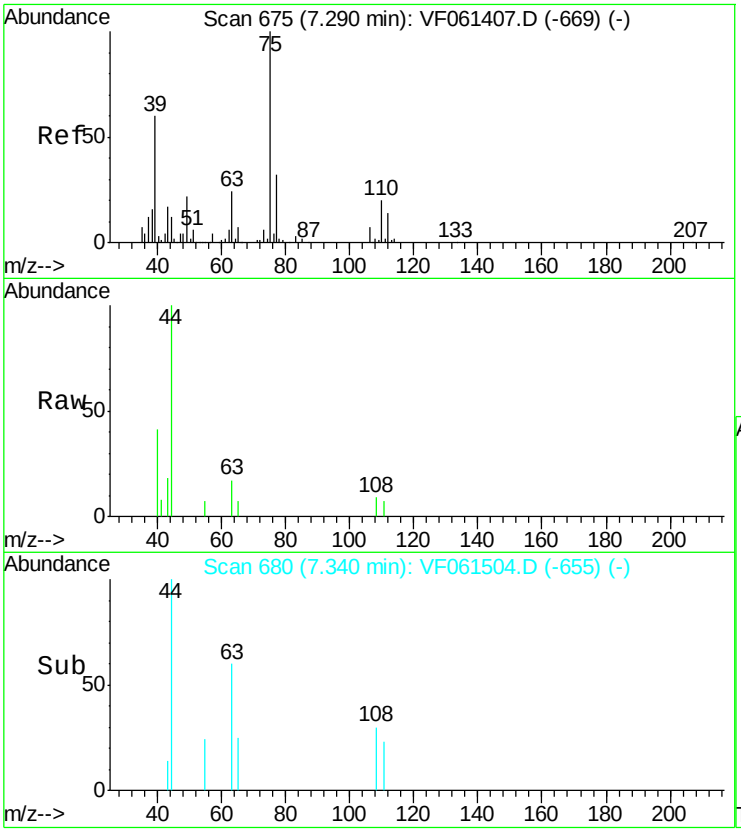


#51
4-Methyl-2-Pentanone
Concen: 2.645 ug/l
RT: 8.29 min Scan# 776
Delta R.T. 0.04 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Tgt Ion: 43 Resp: 3277

Ion	Ratio	Lower	Upper
43	100		
58	22.8	28.8	43.2#



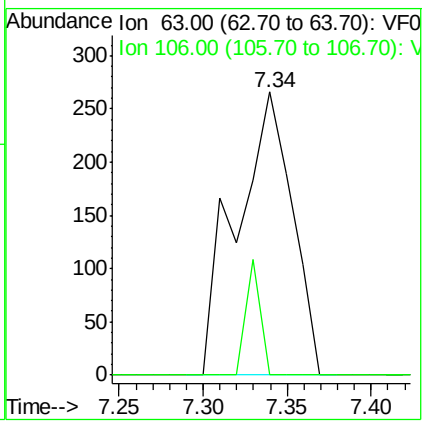


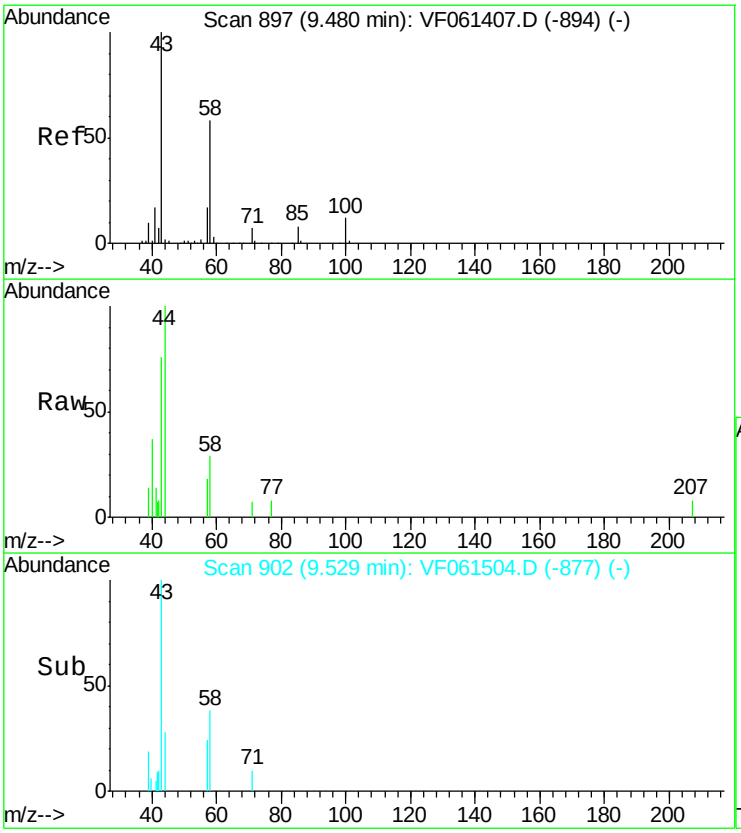
#58
2-Chloroethyl Vinyl ether
Concen: 30.707 ug/l
RT: 7.34 min Scan# 680
Delta R.T. 0.05 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Instrument : MSVOA_F
ClientSampleId : TS-MRE

Tgt Ion: 63 Resp: 611

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.9	32.9#

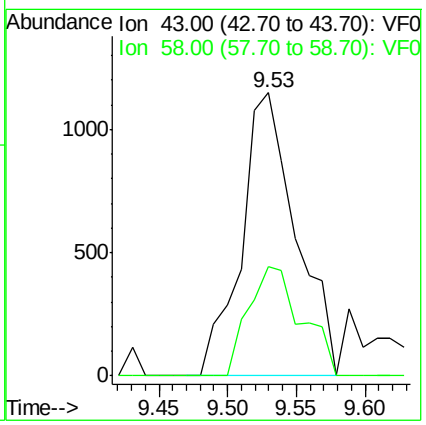


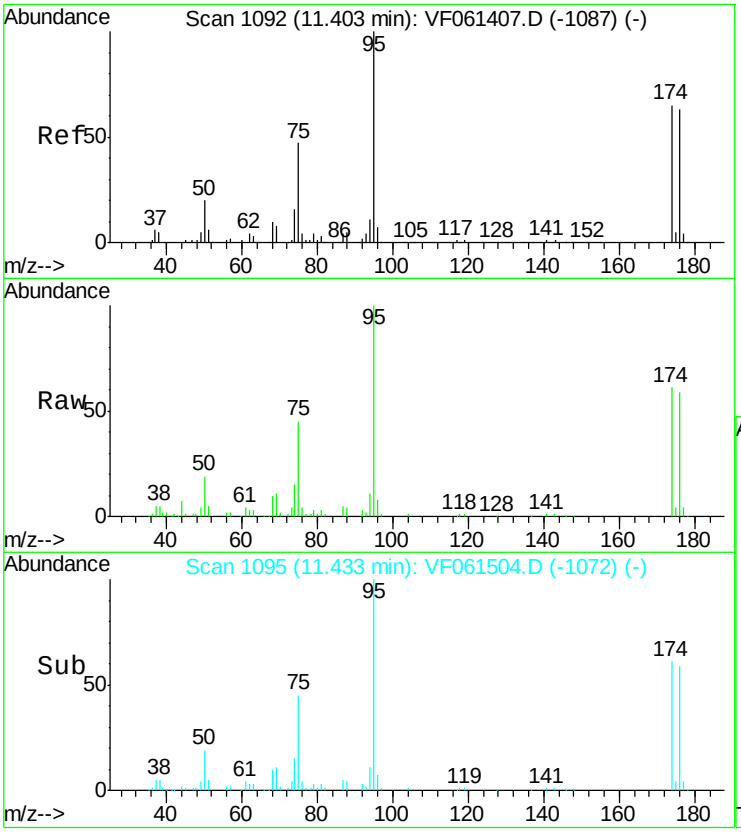


#59
2-Hexanone
Concen: 3.693 ug/l
RT: 9.53 min Scan# 902
Delta R.T. 0.05 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Tgt Ion: 43 Resp: 3190

Ion	Ratio	Lower	Upper
43	100		
58	38.5	25.9	77.6



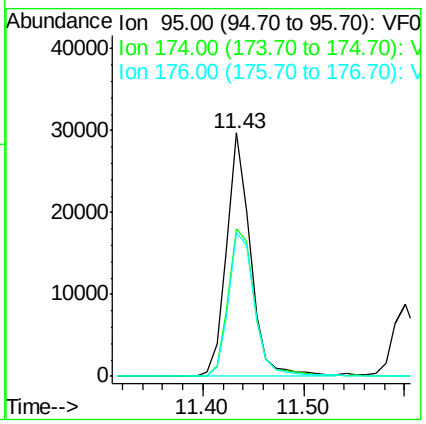


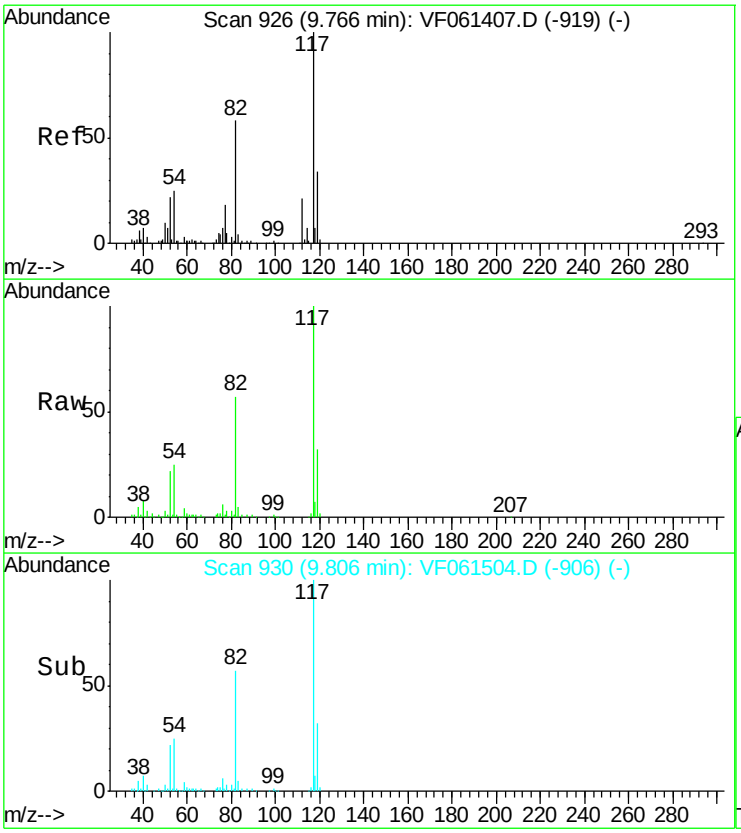
#62
4-Bromofluorobenzene
Concen: 16.720 ug/l
RT: 11.43 min Scan# 1095
Delta R.T. 0.03 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Instrument :
MSVOA_F
ClientSampleId :
TS-MRE

Tgt Ion: 95 Resp: 48925

Ion	Ratio	Lower	Upper
95	100		
174	60.6	0.0	130.4
176	59.3	0.0	126.2

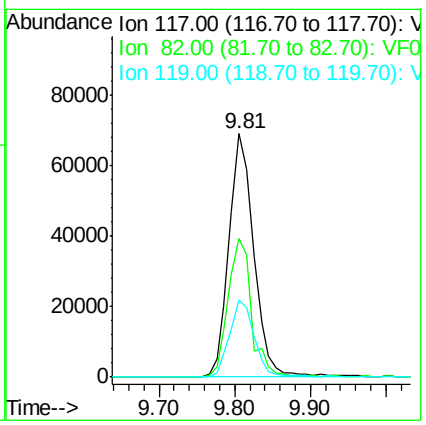


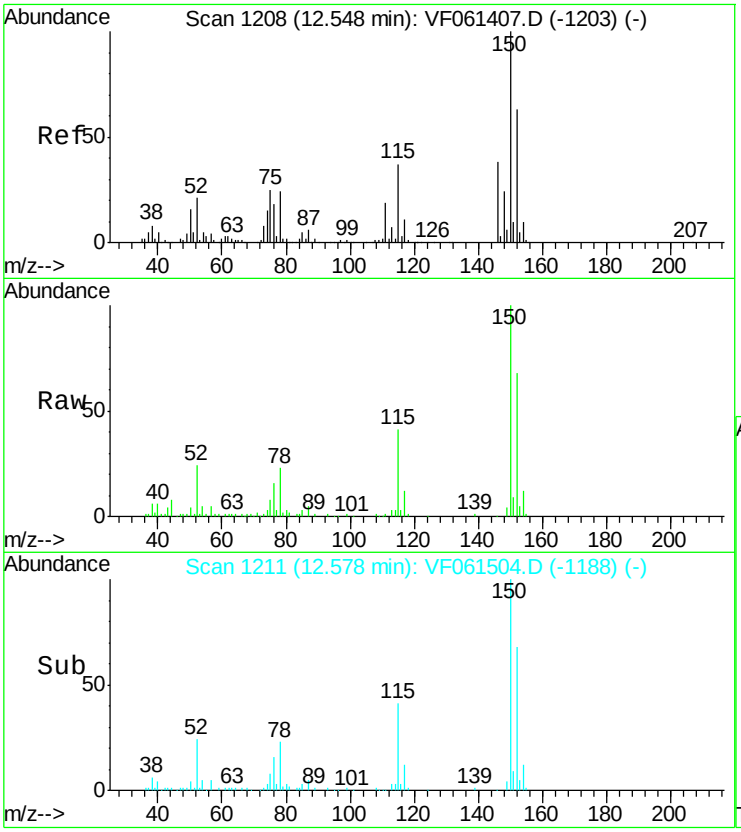


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.81 min Scan# 930
Delta R.T. 0.04 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Tgt Ion:117 Resp: 156491

Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.4	69.6
119	32.0	27.2	40.8



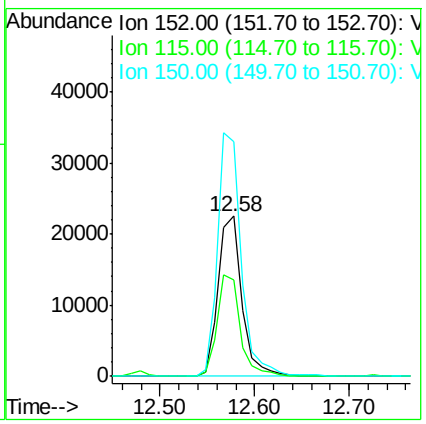


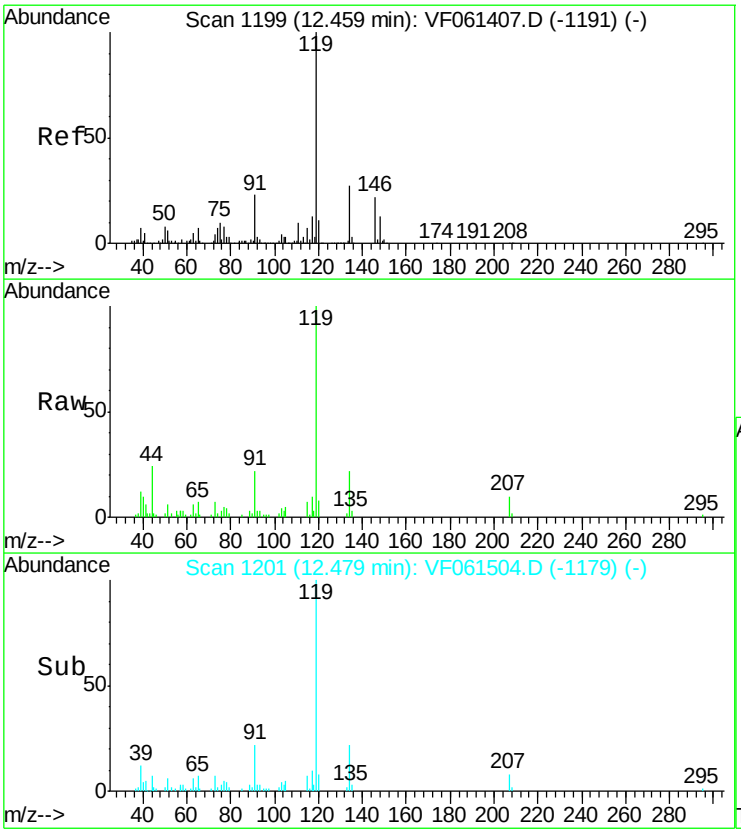
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.58 min Scan# 1211
Delta R.T. 0.03 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Instrument : MSVOA_F
ClientSampleId : TS-MRE

Tgt Ion:152 Resp: 39380

Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.0	90.0
150	146.9	0.0	321.4

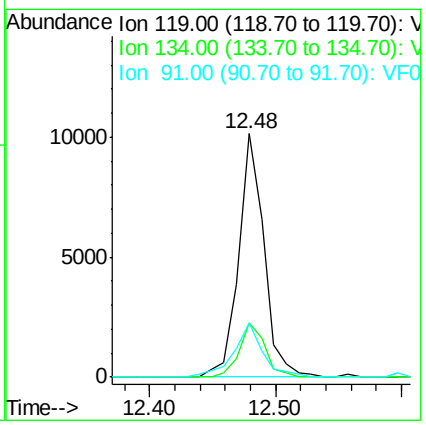


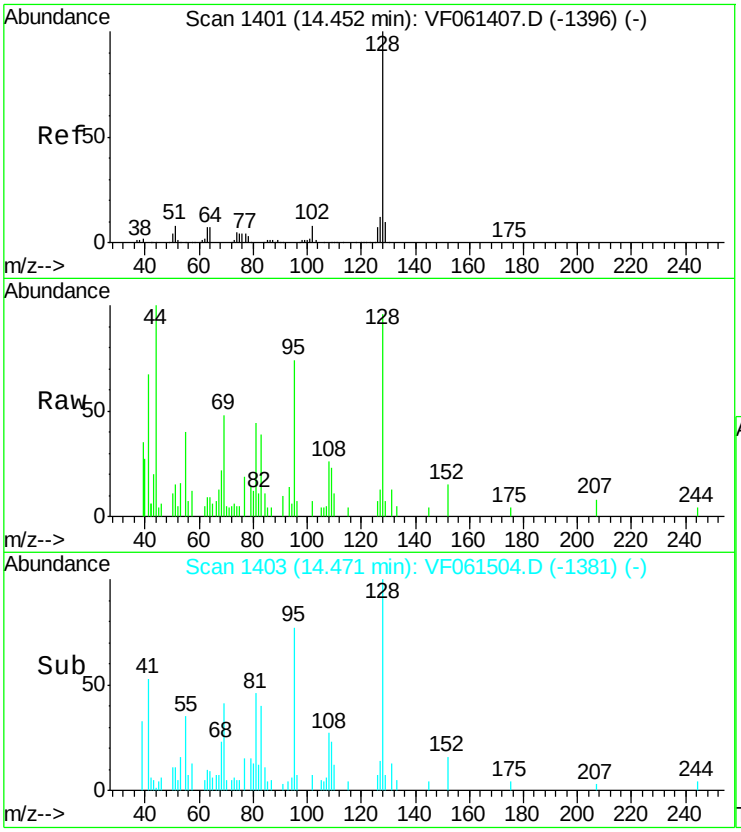


#86
p-Isopropyltoluene
Concen: 4.713 ug/l
RT: 12.48 min Scan# 1201
Delta R.T. 0.02 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Tgt Ion:119 Resp: 14056

Ion	Ratio	Lower	Upper
119	100		
134	22.1	13.4	40.2
91	22.0	11.4	34.2





#95
Naphthalene
Concen: 2.369 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. 0.02 min
Lab File: VF061504.D
Acq: 24 Jan 2019 17:07

Instrument :
MSVOA_F
ClientSampleId :
TS-MRE

Tgt Ion:128 Resp: 3989

Ion	Ratio	Lower	Upper
128	100		
127	14.0	9.5	14.3
129	7.1	8.4	12.6#