Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF012319\
Data File : VF061488.D
Acq On : 23 Jan 2019 17:43
Operator : VA/AP
Sample : K1223-06
Misc : 4.98g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : TS-R

Quant Time: Jan 24 02:56:13 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	4.87	168	148841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	271471	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	197479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	60038	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	106937	58.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.38%			
35) Dibromofluoromethane	4.11	113	115301	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.66%			
50) Toluene-d8	7.55	98	247017	42.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.18%			
62) 4-Bromofluorobenzene	11.41	95	81801	29.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 59.66%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.58	59	221	2.841	ug/l #	64
13) Acrolein	2.00	56	511	17.649	ug/l	88
14) Allyl chloride	2.08	41	359	Below Cal	#	68
16) Acetone	2.24	43	34581	93.804	ug/l	96
18) Methyl Acetate	2.24	43	34581	47.300	ug/l #	61
20) Methylene Chloride	2.18	84	1971	Below Cal	#	73
23) Vinyl Acetate	3.18	43	356	3.363	ug/l #	78
25) 2-Butanone	4.33	43	117828	192.199	ug/l	97
29) Tetrahydrofuran	4.06	42	469	1.777	ug/l #	38
43) Isopropyl Acetate	6.89	43	9582	6.068	ug/l #	51
49) 1,4-Dioxane	6.81	88	62	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.26	43	3318	2.858	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.43	63	84	27.986	ug/l #	47
59) 2-Hexanone	9.51	43	2908	3.592	ug/l	65
86) p-Isopropyltoluene	12.46	119	7704	1.694	ug/l	90
95) Naphthalene	14.46	128	3056	1.190	ug/l #	89

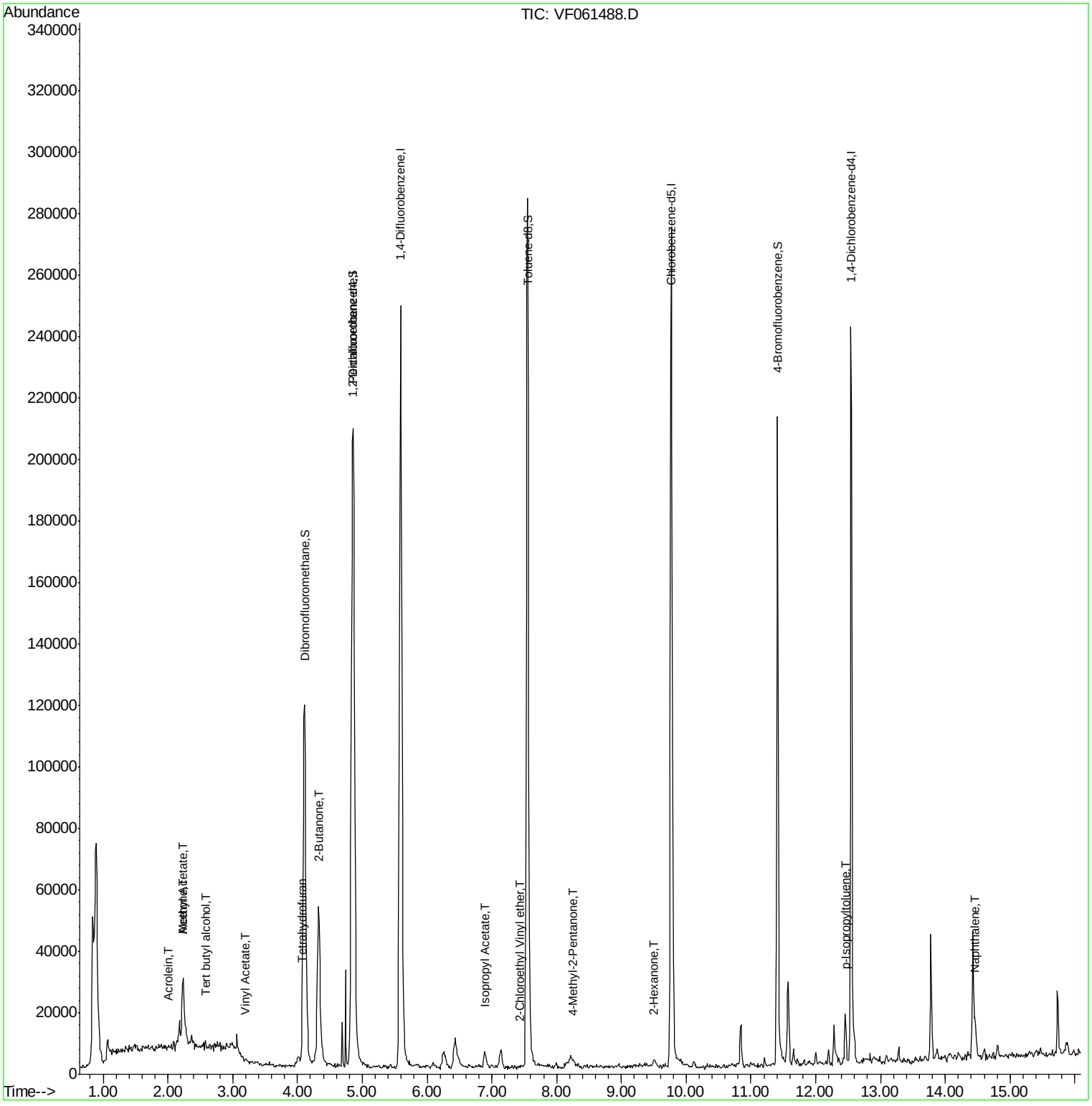
(#) = qualifier out of range (m) = manual integration (+) = signals summed

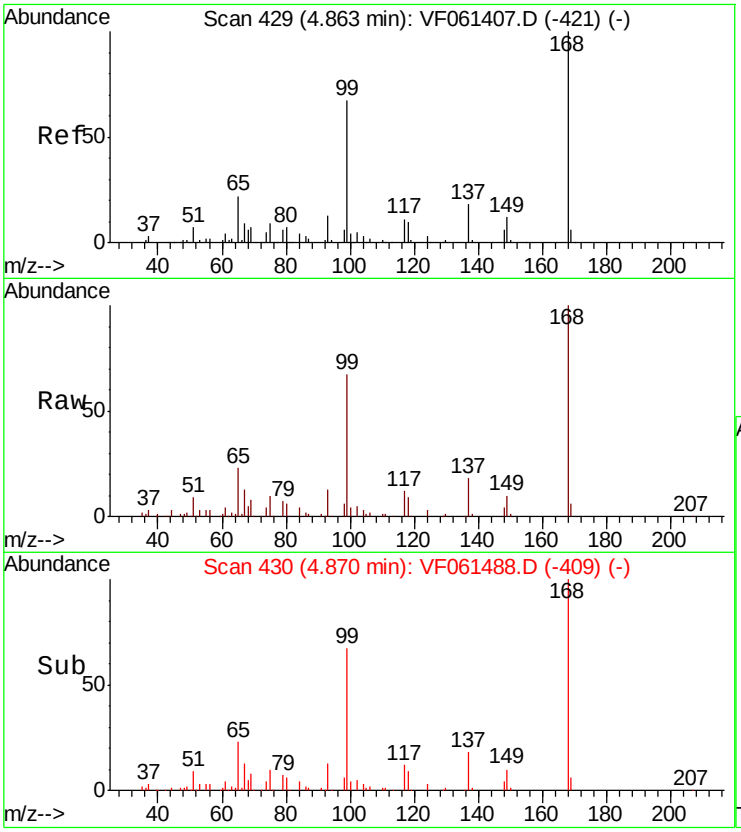
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF012319\
Data File : VF061488.D
Acq On : 23 Jan 2019 17:43
Operator : VA/AP
Sample : K1223-06
Misc : 4.98g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
TS-R

Quant Time: Jan 24 02:56:13 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



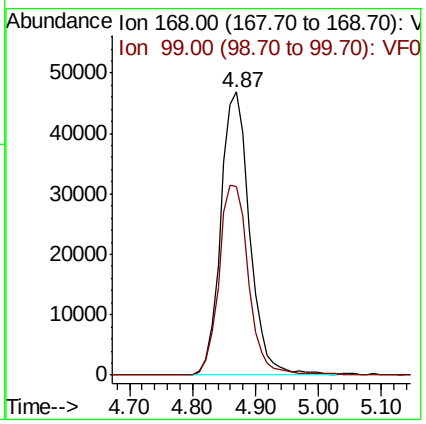


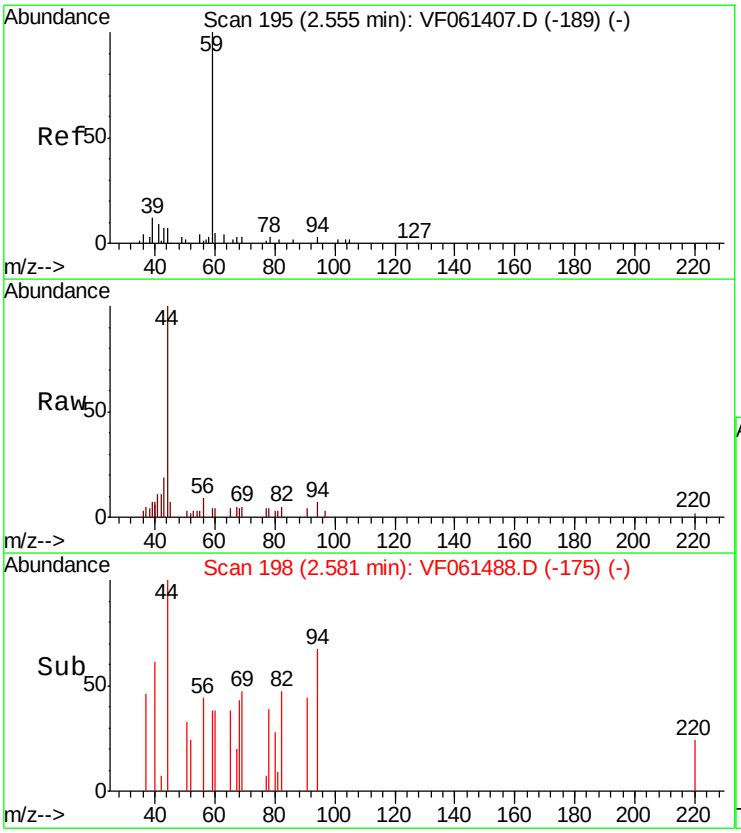
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.01 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Instrument :
MSVOA_F
ClientSampleId :
TS-R

Tgt Ion:168 Resp: 148841

Ion	Ratio	Lower	Upper
168	100		
99	66.7	53.5	80.3

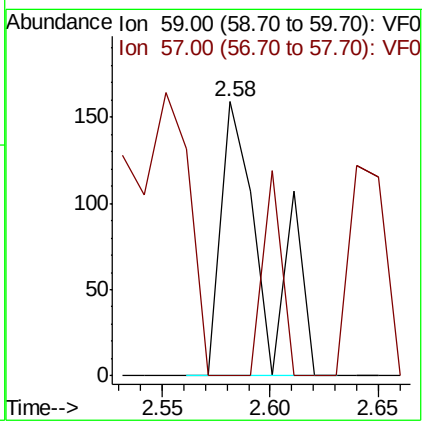


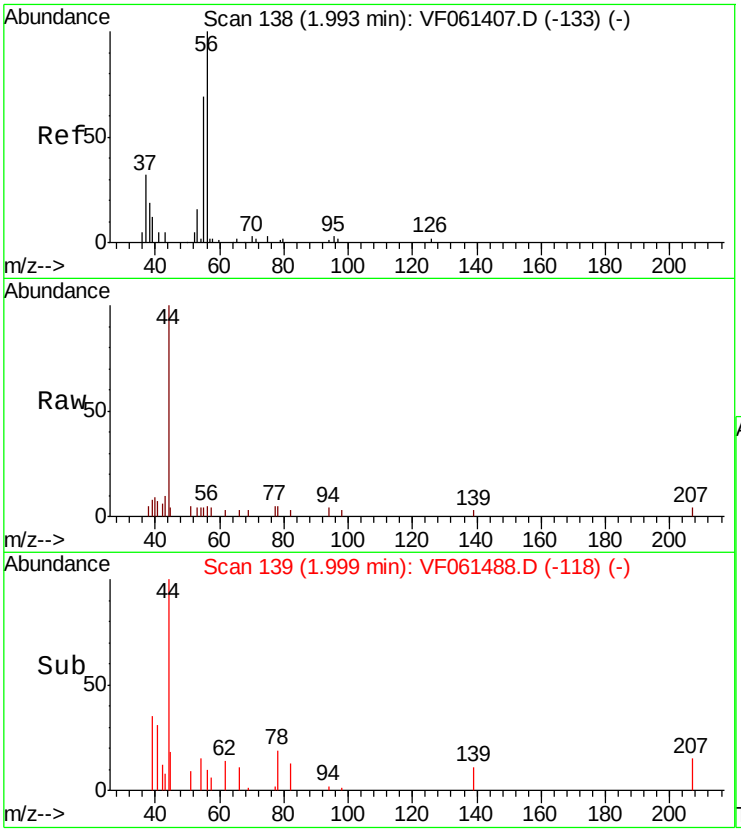


#11
Tert butyl alcohol
Concen: 2.841 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Tgt Ion: 59 Resp: 221

Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.9	17.9#



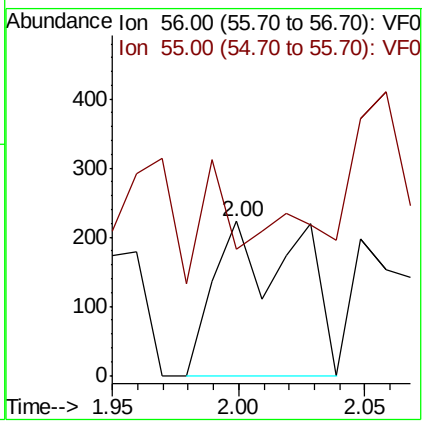


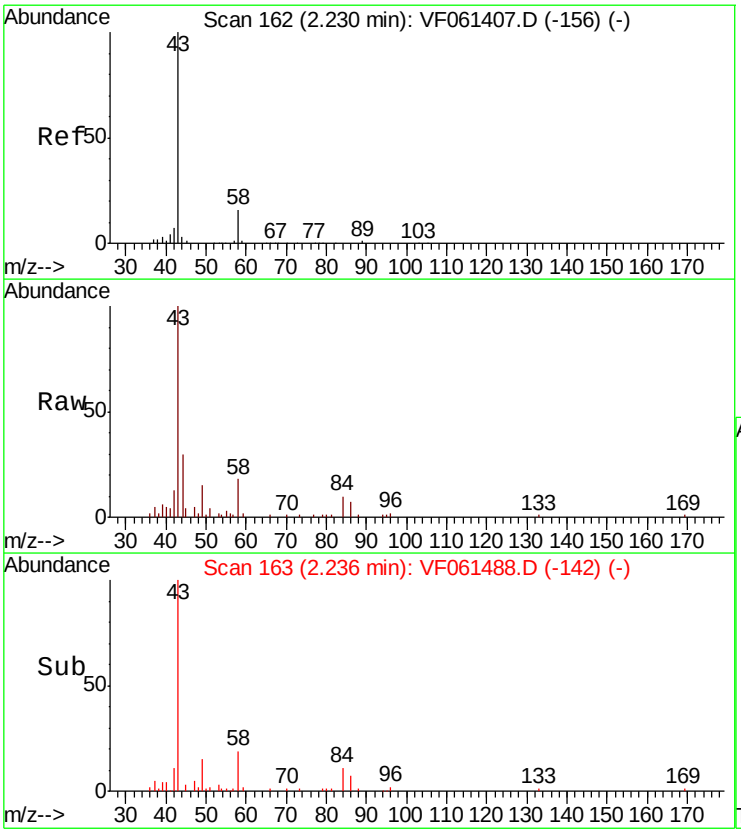
#13
Acrolein
Concen: 17.649 ug/l
RT: 2.00 min Scan# 139
Delta R.T. 0.01 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Instrument :
MSVOA_F
ClientSampleId :
TS-R

Tgt Ion: 56 Resp: 511

Ion	Ratio	Lower	Upper
56	100		
55	81.6	57.5	86.3

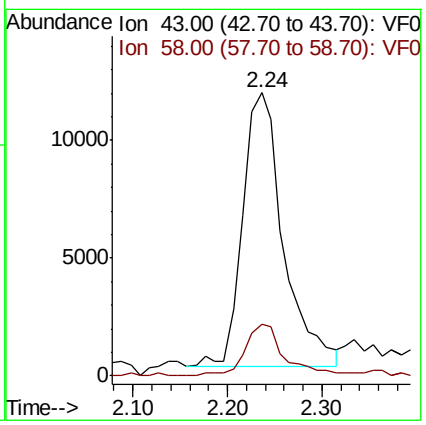


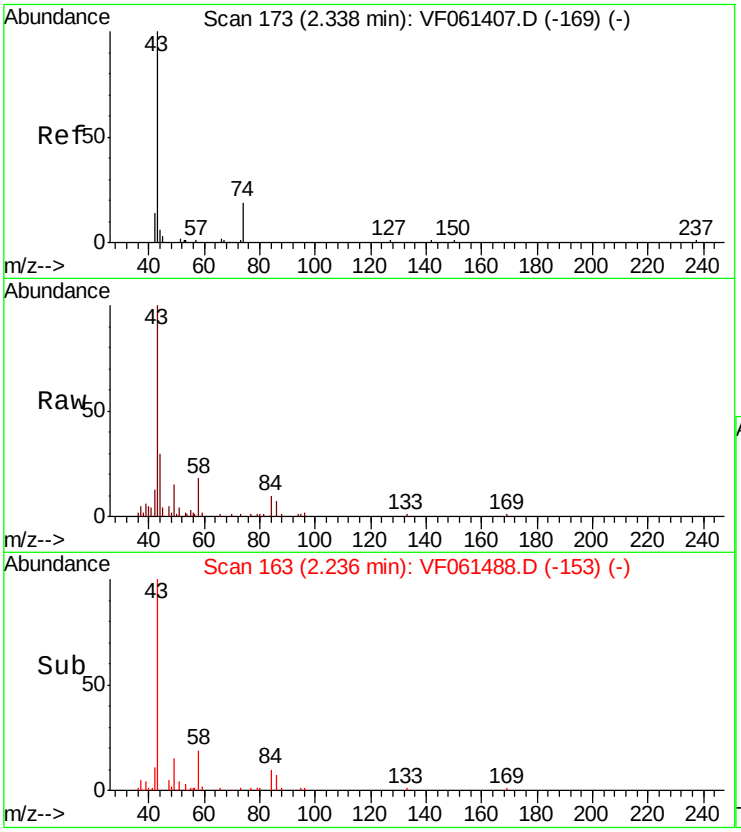


#16
Acetone
Concen: 93.804 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Tgt Ion: 43 Resp: 34581

Ion	Ratio	Lower	Upper
43	100		
58	18.3	13.3	19.9



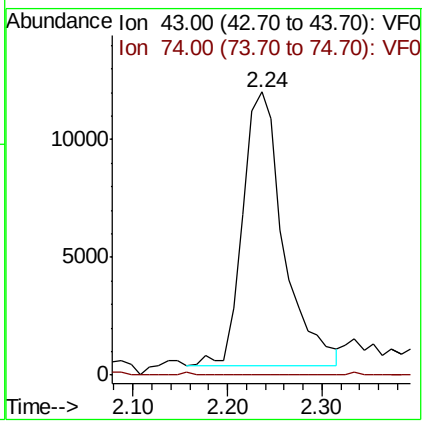


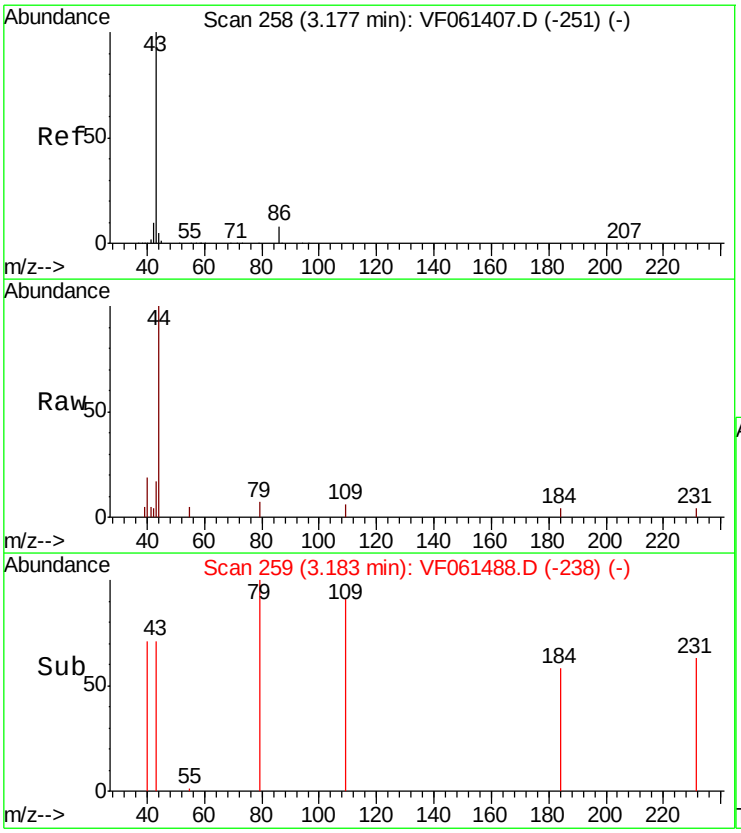
#18
Methyl Acetate
Concen: 47.300 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.10 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Instrument : MSVOA_F
ClientSampleId : TS-R

Tgt Ion: 43 Resp: 34581

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#

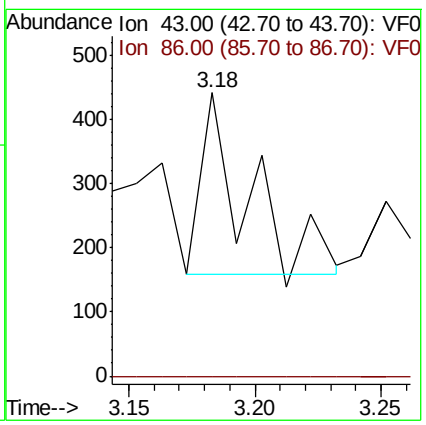


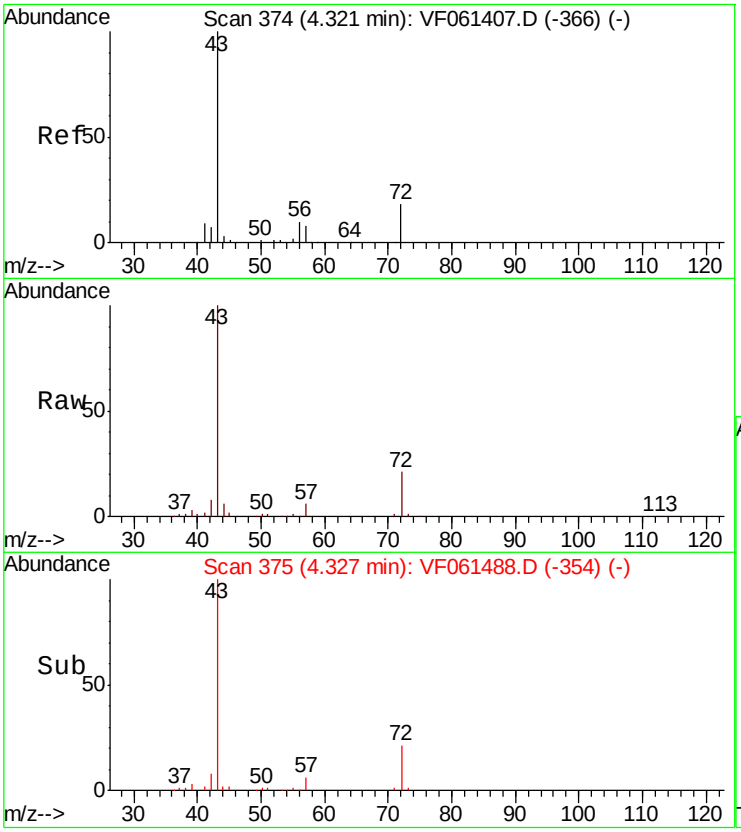


#23
Vinyl Acetate
Concen: 3.363 ug/l
RT: 3.18 min Scan# 259
Delta R.T. 0.01 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Tgt Ion: 43 Resp: 356

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#



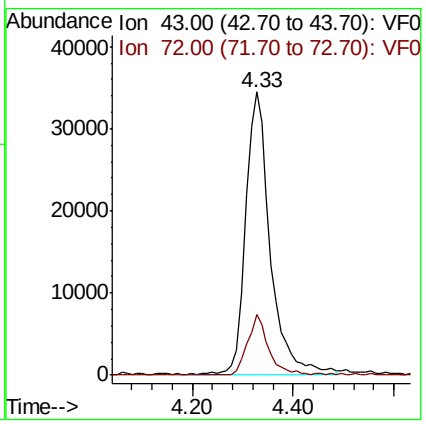


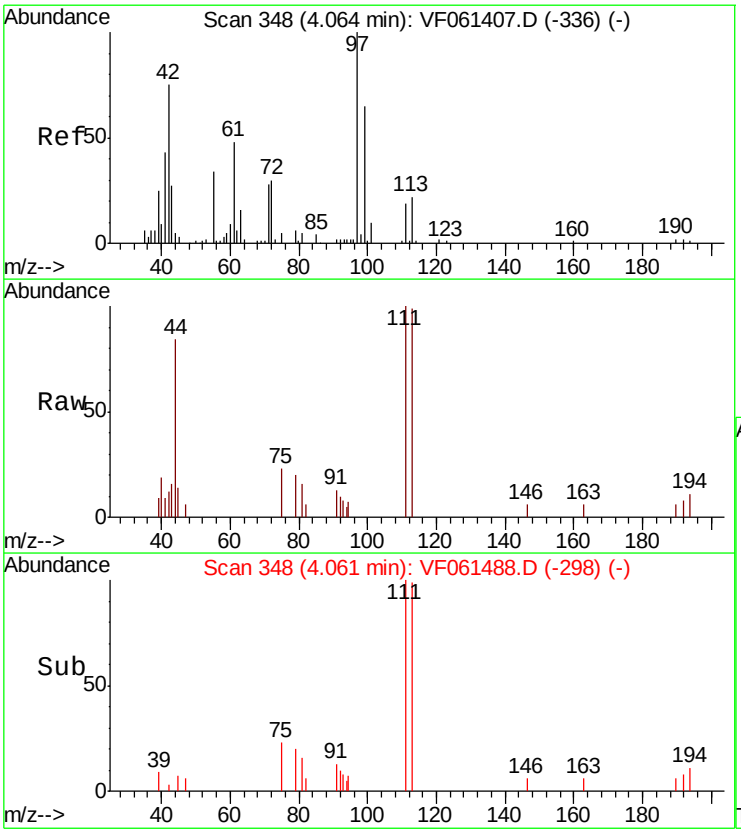
#25
2-Butanone
Concen: 192.199 ug/l
RT: 4.33 min Scan# 375
Delta R.T. 0.01 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Instrument : MSVOA_F
ClientSampleId : TS-R

Tgt Ion: 43 Resp: 117828

Ion	Ratio	Lower	Upper
43	100		
72	21.3	15.8	23.6

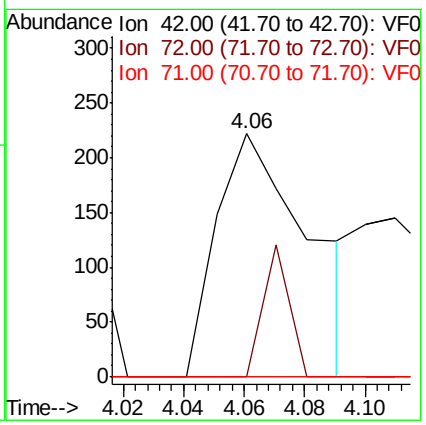


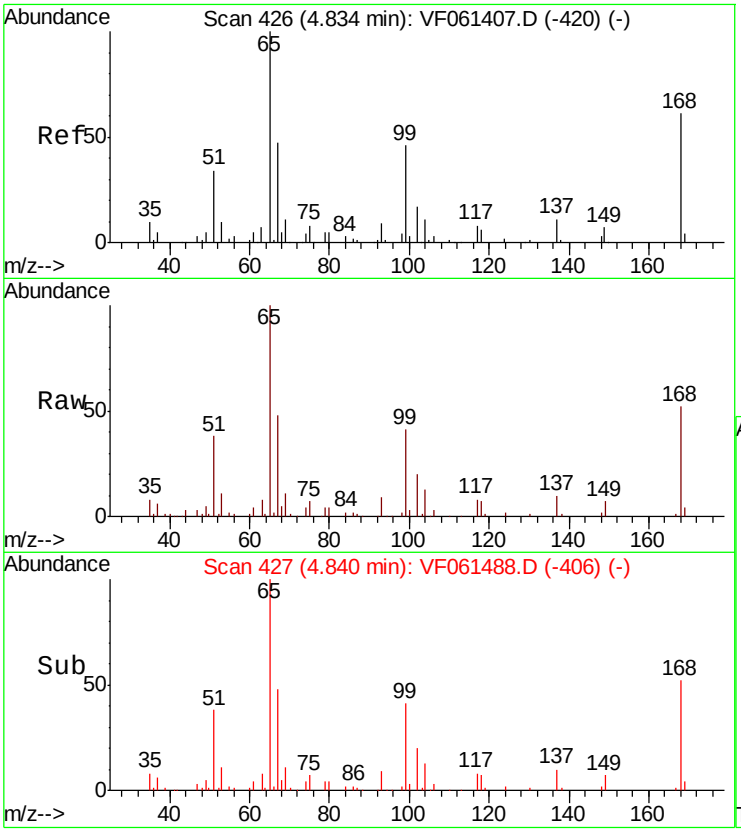


#29
Tetrahydrofuran
Concen: 1.777 ug/l
RT: 4.06 min Scan# 348
Delta R.T. -0.00 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Tgt Ion: 42 Resp: 469

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



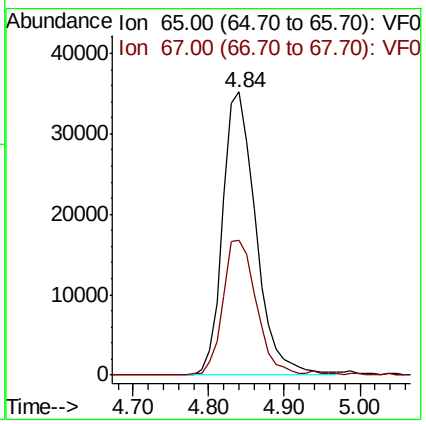


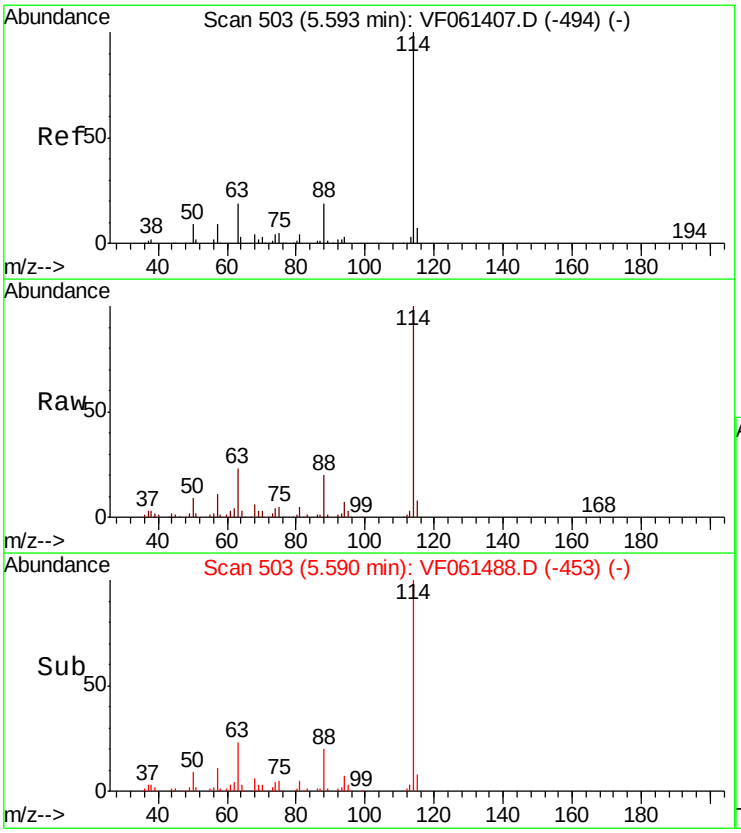
#33
1,2-Dichloroethane-d4
Concen: 58.193 ug/l
RT: 4.84 min Scan# 427
Delta R.T. 0.01 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Instrument :
MSVOA_F
ClientSampleId :
TS-R

Tgt Ion: 65 Resp: 106937

Ion	Ratio	Lower	Upper
65	100		
67	47.8	0.0	99.8

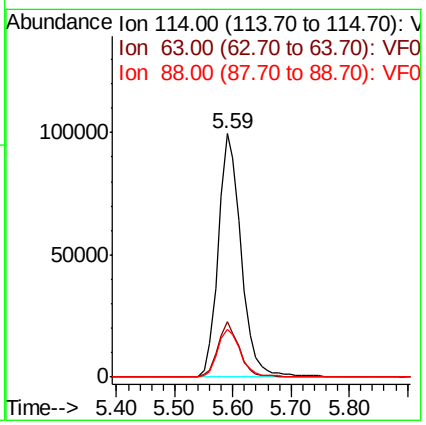


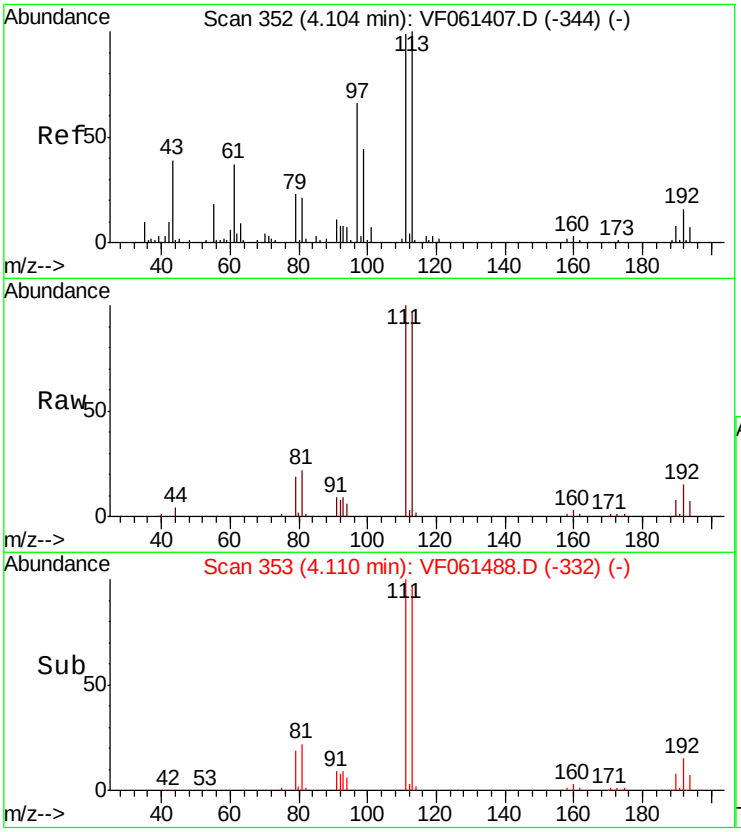


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.00 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Tgt Ion:114 Resp: 271471

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	39.0
88	19.8	0.0	37.4



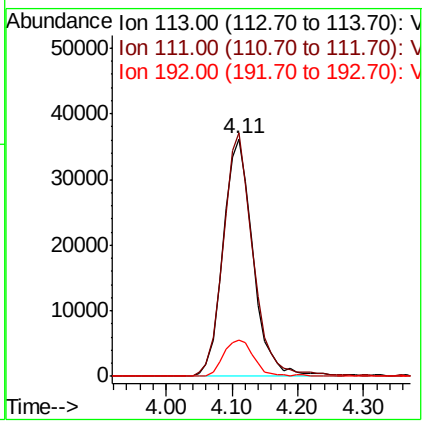


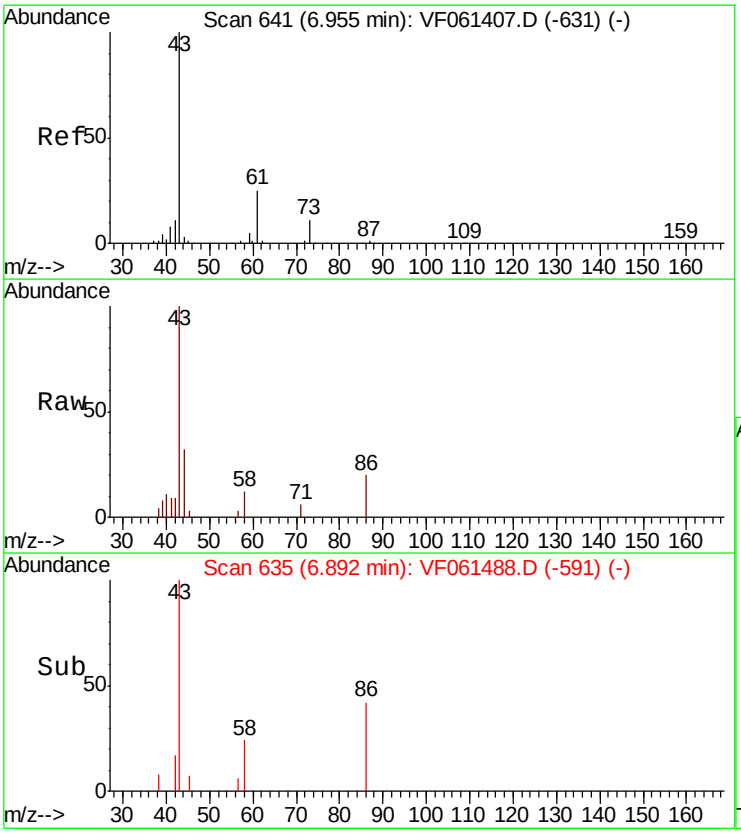
#35
Dibromofluoromethane
Concen: 53.825 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Instrument : MSVOA_F
ClientSampleId : TS-R

Tgt Ion:113 Resp: 115301

Ion	Ratio	Lower	Upper
113	100		
111	102.6	79.4	119.0
192	15.4	12.4	18.6

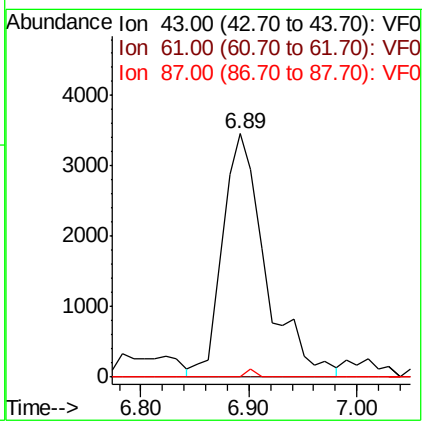


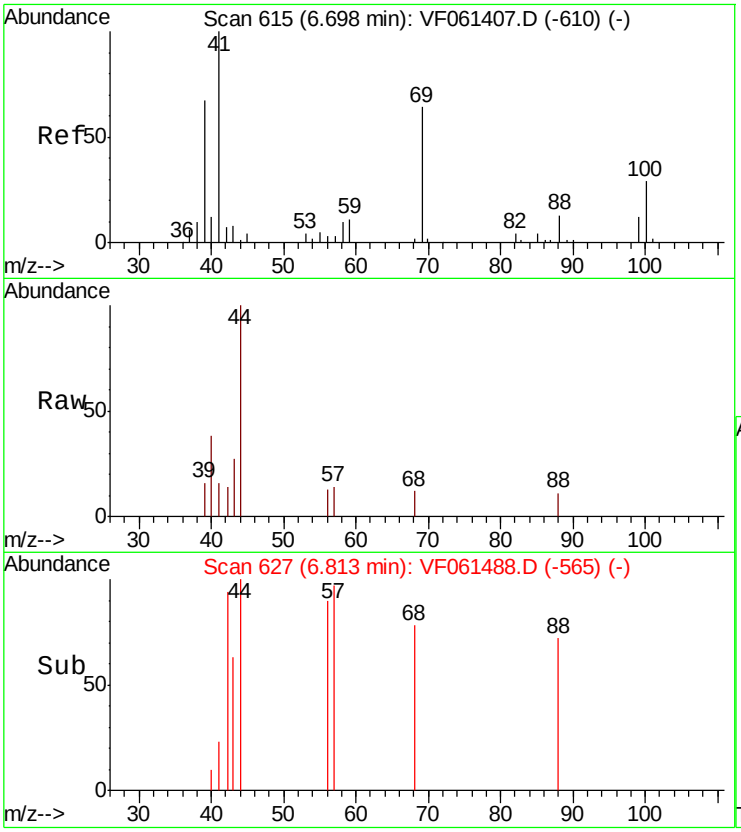


#43
Isopropyl Acetate
Concen: 6.068 ug/l
RT: 6.89 min Scan# 635
Delta R.T. -0.06 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Tgt Ion: 43 Resp: 9582

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



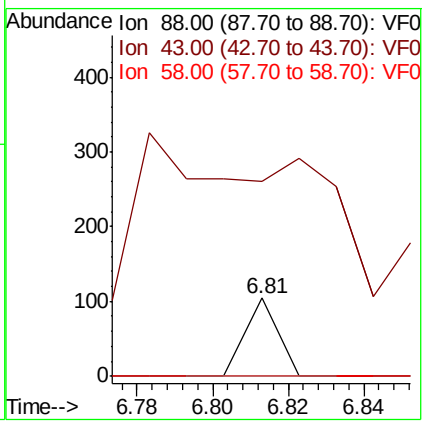


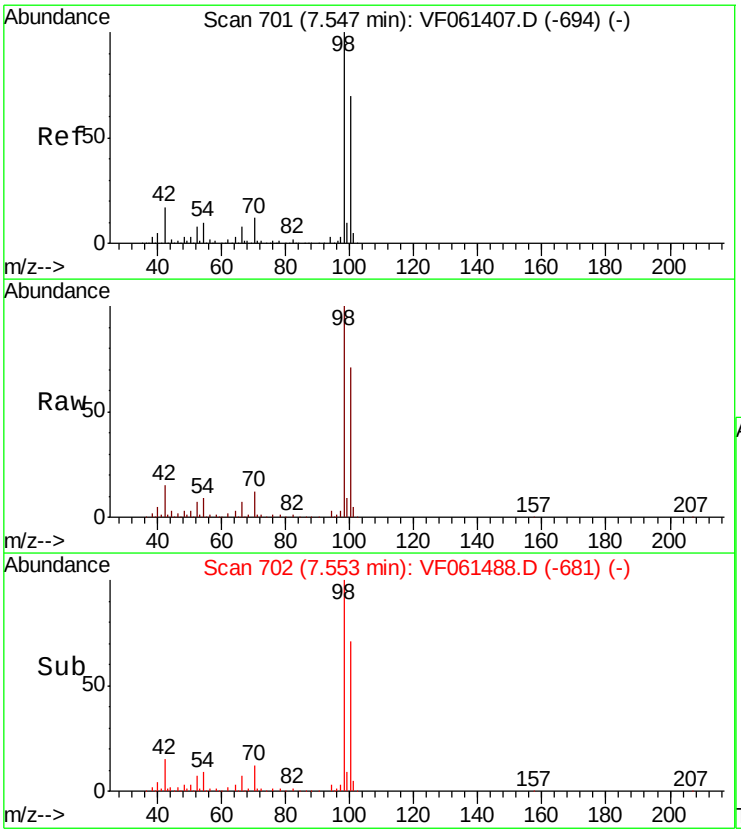
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.81 min Scan# 627
Delta R.T. 0.11 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Instrument :
MSVOA_F
ClientSampleId :
TS-R

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	251.0	55.5	83.3#
58	0.0	59.9	89.9#

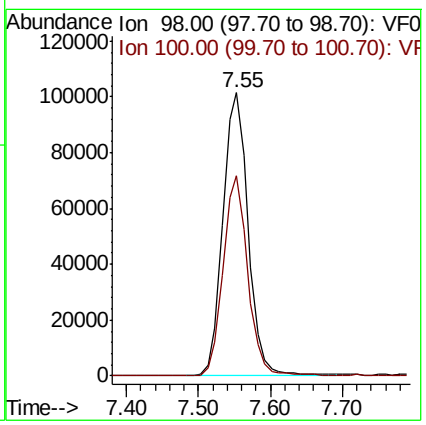


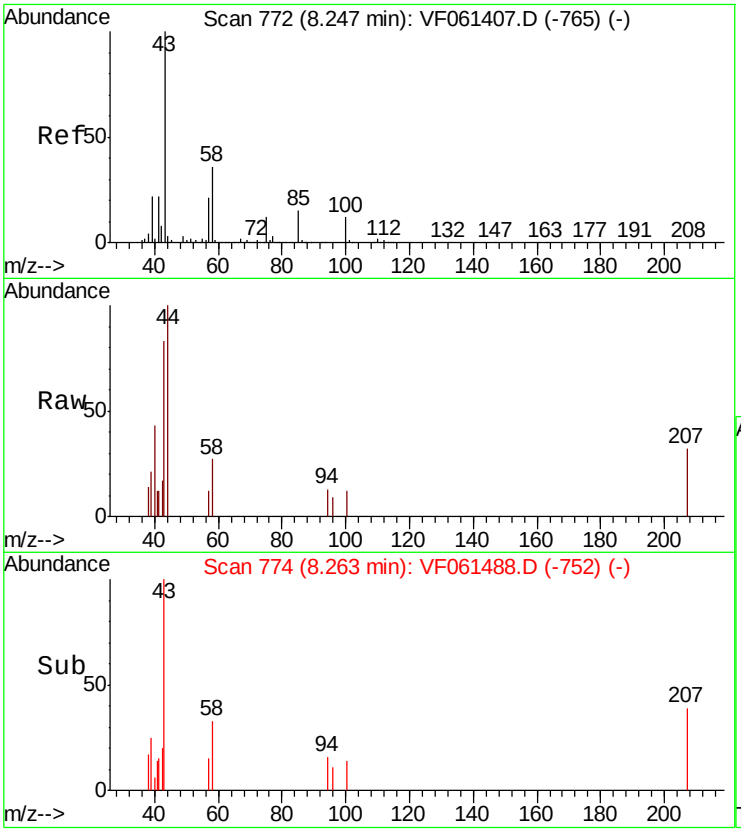


#50
Toluene-d8
Concen: 42.088 ug/l
RT: 7.55 min Scan# 702
Delta R.T. 0.01 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Tgt Ion: 98 Resp: 247017

Ion	Ratio	Lower	Upper
98	100		
100	70.6	55.6	83.4



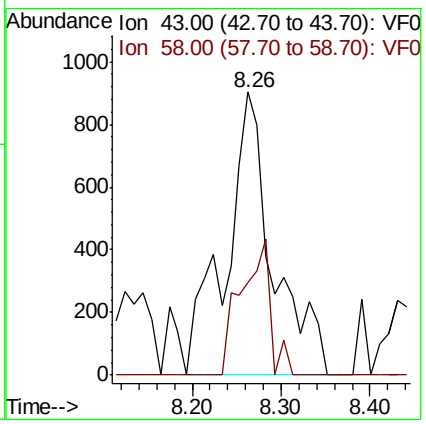


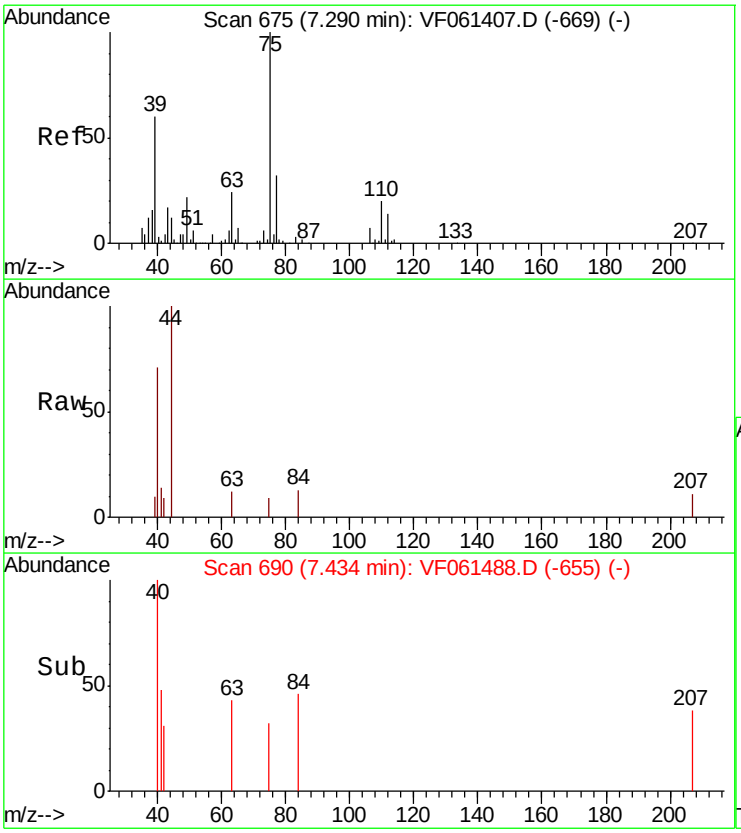
#51
4-Methyl-2-Pentanone
Concen: 2.858 ug/l
RT: 8.26 min Scan# 774
Delta R.T. 0.02 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Instrument : MSVOA_F
ClientSampleId : TS-R

Tgt Ion: 43 Resp: 3318

Ion	Ratio	Lower	Upper
43	100		
58	32.8	28.8	43.2

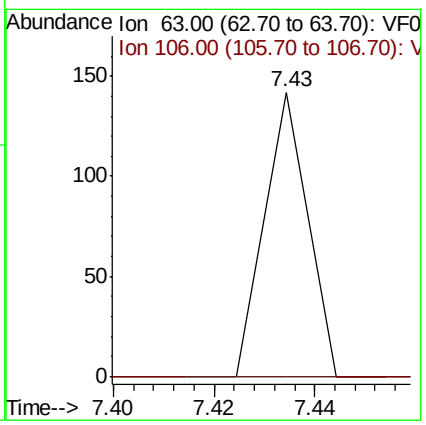


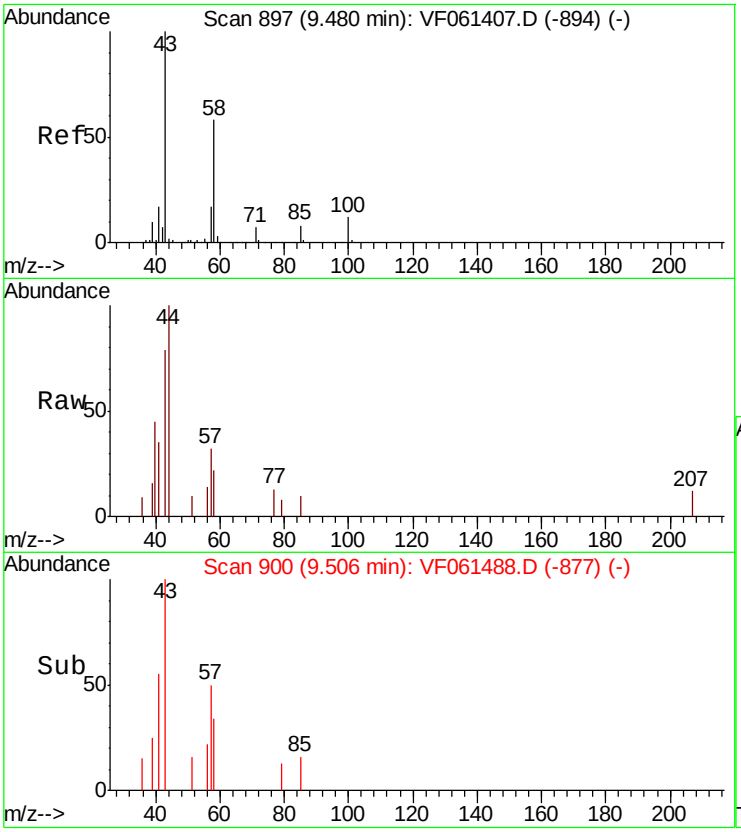


#58
2-Chloroethyl Vinyl ether
Concen: 27.986 ug/l
RT: 7.43 min Scan# 690
Delta R.T. 0.14 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Tgt Ion: 63 Resp: 84

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.9	32.9#



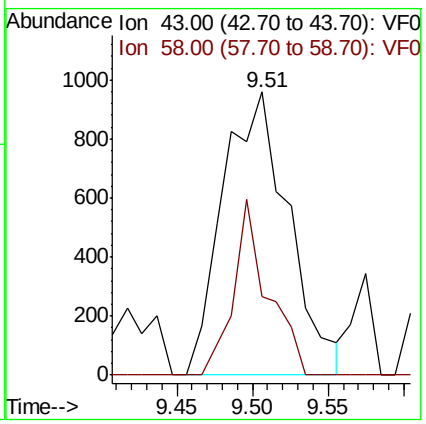


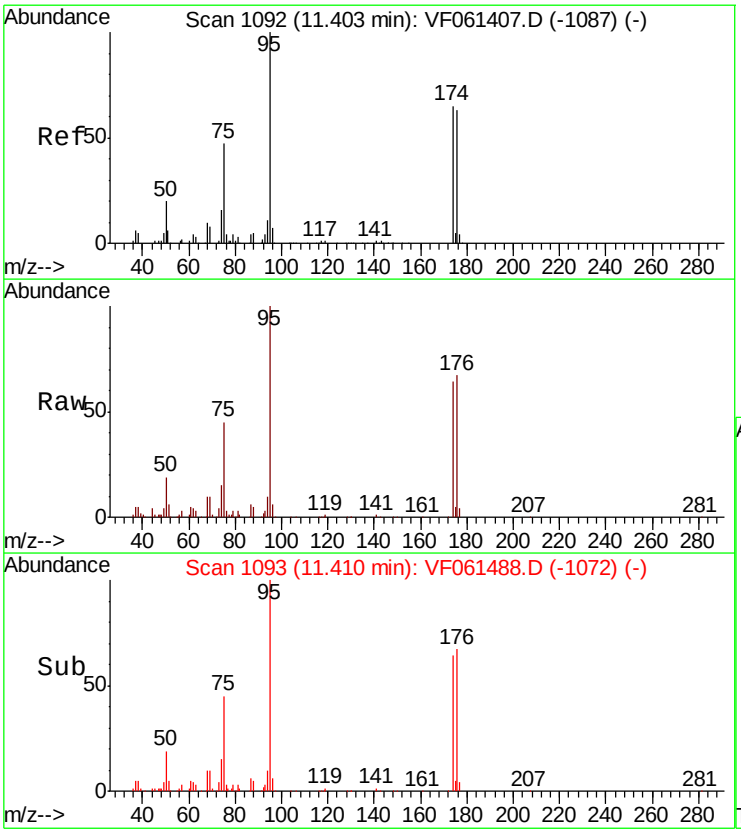
#59
2-Hexanone
Concen: 3.592 ug/l
RT: 9.51 min Scan# 900
Delta R.T. 0.03 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Instrument : MSVOA_F
ClientSampleId : TS-R

Tgt Ion: 43 Resp: 2908

Ion	Ratio	Lower	Upper
43	100		
58	27.5	25.9	77.6

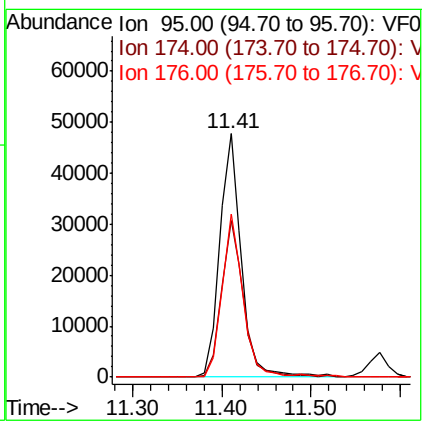


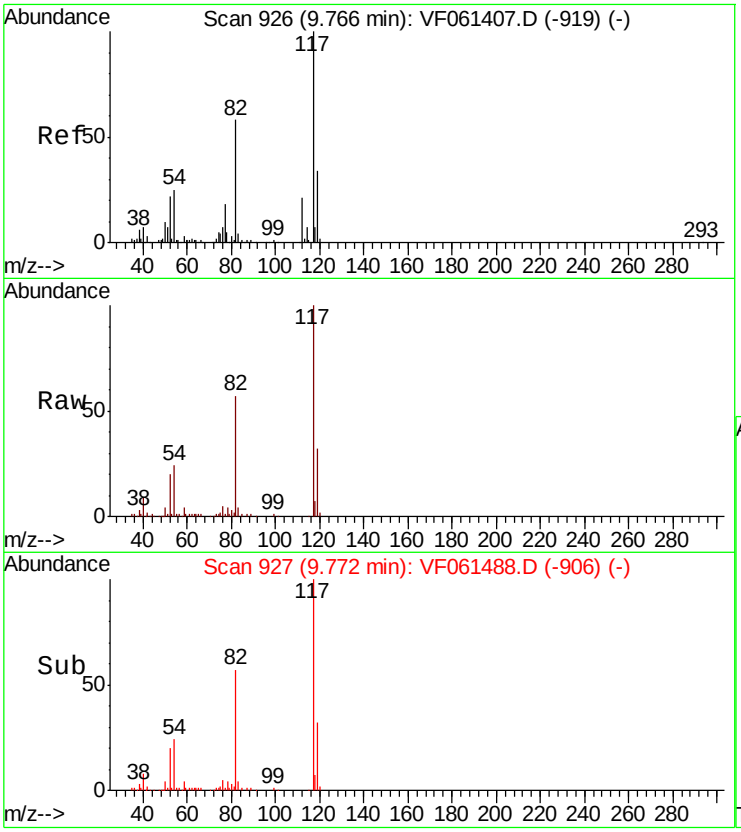


#62
4-Bromofluorobenzene
Concen: 29.830 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Tgt Ion: 95 Resp: 81801

Ion	Ratio	Lower	Upper
95	100		
174	64.2	0.0	130.4
176	66.8	0.0	126.2



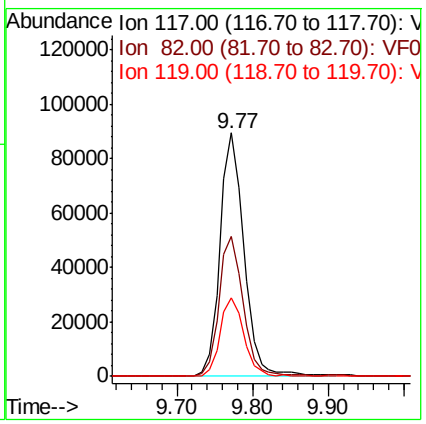


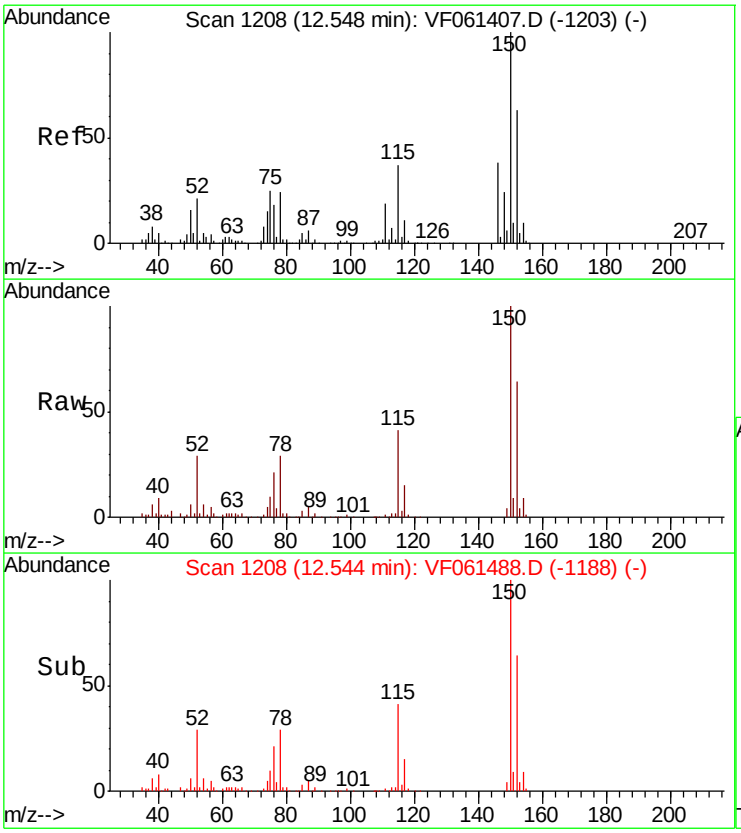
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Instrument : MSVOA_F
ClientSampleId : TS-R

Tgt Ion:117 Resp: 197479

Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.4	69.6
119	32.1	27.2	40.8

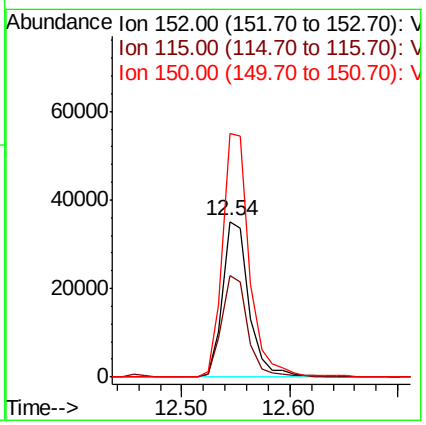


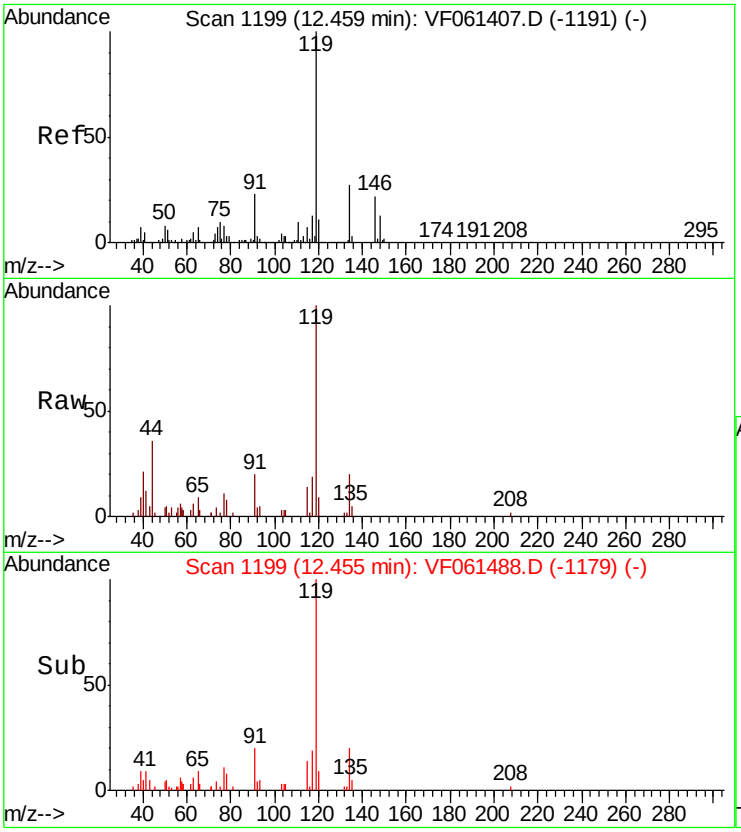


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Tgt Ion:152 Resp: 60038

Ion	Ratio	Lower	Upper
152	100		
115	65.0	30.0	90.0
150	156.7	0.0	321.4



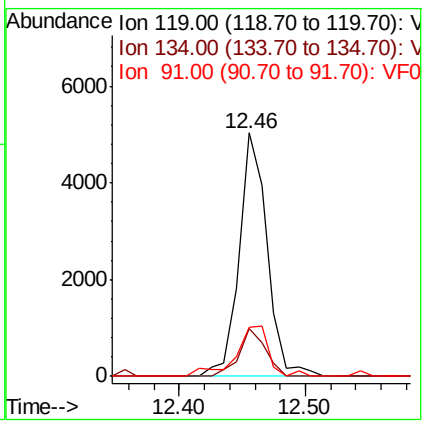


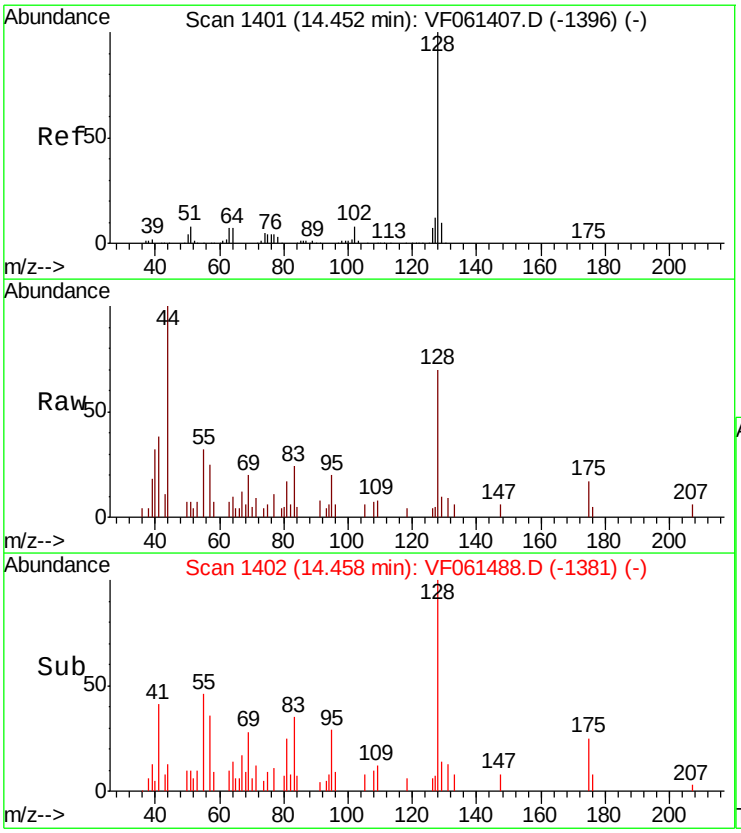
#86
p-Isopropyltoluene
Concen: 1.694 ug/l
RT: 12.46 min Scan# 1199
Delta R.T. -0.00 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Instrument :
MSVOA_F
ClientSampleId :
TS-R

Tgt Ion:119 Resp: 7704

Ion	Ratio	Lower	Upper
119	100		
134	19.8	13.4	40.2
91	20.0	11.4	34.2





#95
Naphthalene
Concen: 1.190 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.01 min
Lab File: VF061488.D
Acq: 23 Jan 2019 17:43

Tgt Ion:128 Resp: 3056

Ion	Ratio	Lower	Upper
128	100		
127	7.2	9.5	14.3#
129	14.4	8.4	12.6#