Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF011119\
Data File : VF061371.D
Acq On : 11 Jan 2019 16:39
Operator : VA/AP
Sample : K1011-01
Misc : 6.19g/5mL/MSVOA-F/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OR-02-011019-A

Quant Time: Jan 12 03:33:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	222894	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	393188	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	354313	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	134051	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	130139	52.46	ug/l	-0.03
Spiked Amount 50.000			Recovery = 104.92%			
35) Dibromofluoromethane	4.10	113	151613	50.39	ug/l	-0.02
Spiked Amount 50.000			Recovery = 100.78%			
50) Toluene-d8	7.54	98	396480	44.53	ug/l	-0.03
Spiked Amount 50.000			Recovery = 89.06%			
62) 4-Bromofluorobenzene	11.39	95	160004	41.16	ug/l	-0.02
Spiked Amount 50.000			Recovery = 82.32%			
Target Compounds						Qvalue
5) Bromomethane	1.21	94	610	3.115	ug/l #	6
8) Diethyl Ether	1.63	74	1228	1.508	ug/l	65
11) Tert butyl alcohol	2.56	59	157	1.581	ug/l #	58
13) Acrolein	2.00	56	225	Below Cal	#	20
16) Acetone	2.23	43	12350	21.399	ug/l	95
20) Methylene Chloride	2.18	84	10338	4.234	ug/l #	82
29) Tetrahydrofuran	4.08	42	936	2.410	ug/l #	70
49) 1,4-Dioxane	6.39	88	63	6.968	ug/l #	2
51) 4-Methyl-2-Pentanone	8.25	43	1727	1.036	ug/l #	38
56) Ethyl methacrylate	8.60	69	2538	1.178	ug/l	95
95) Naphthalene	14.44	128	6615	1.166	ug/l #	95

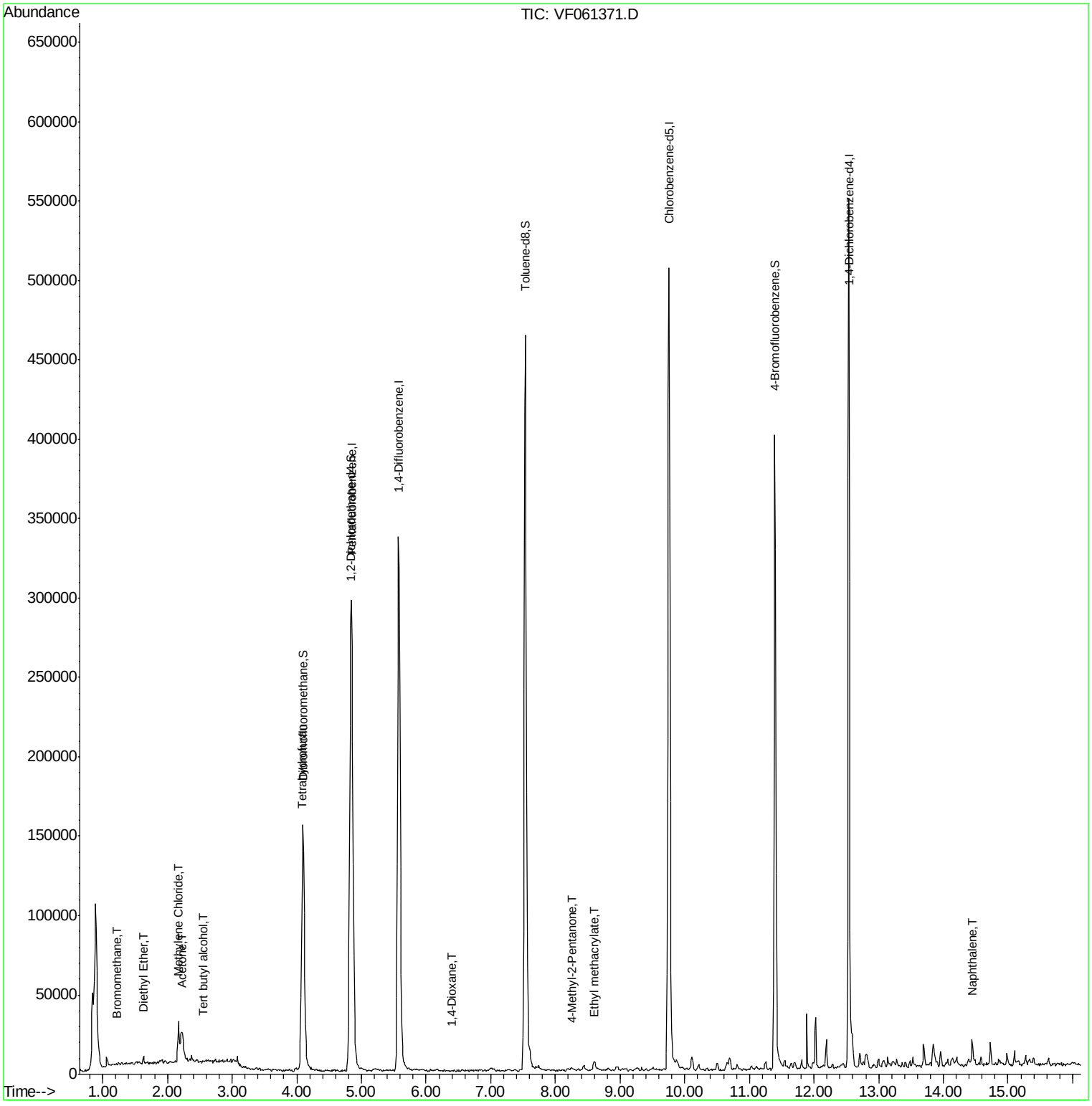
(#) = qualifier out of range (m) = manual integration (+) = signals summed

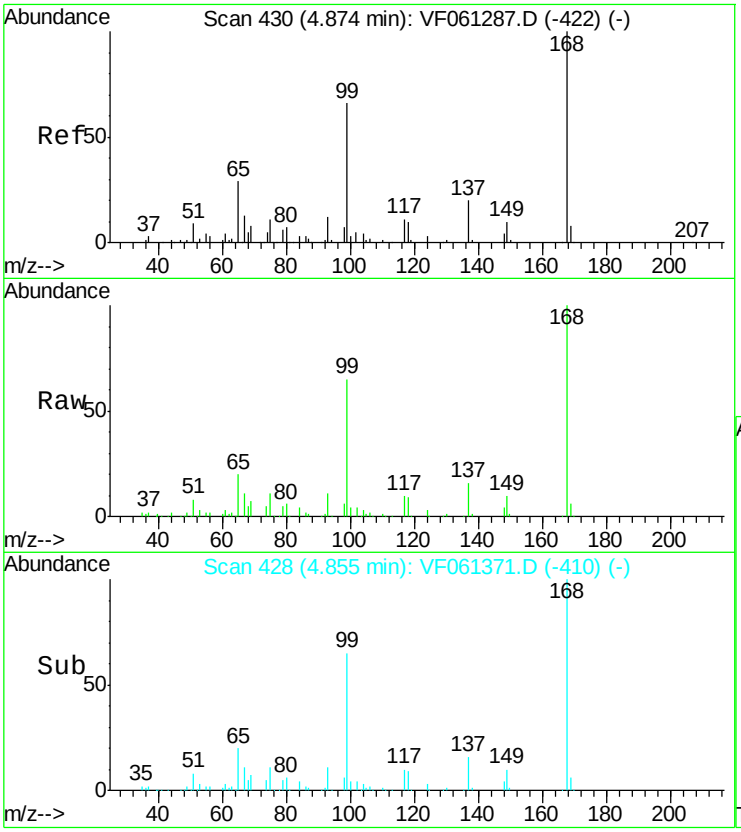
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF011119\
Data File : VF061371.D
Acq On : 11 Jan 2019 16:39
Operator : VA/AP
Sample : K1011-01
Misc : 6.19g/5mL/MSVOA-F/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OR-02-011019-A

Quant Time: Jan 12 03:33:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration



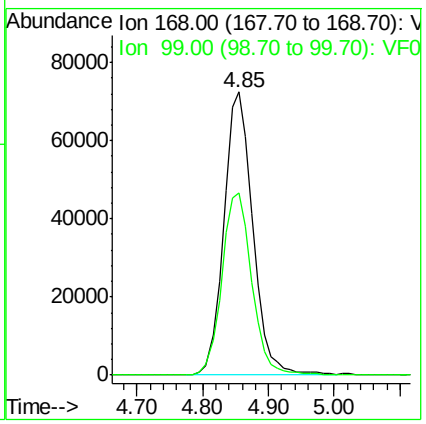


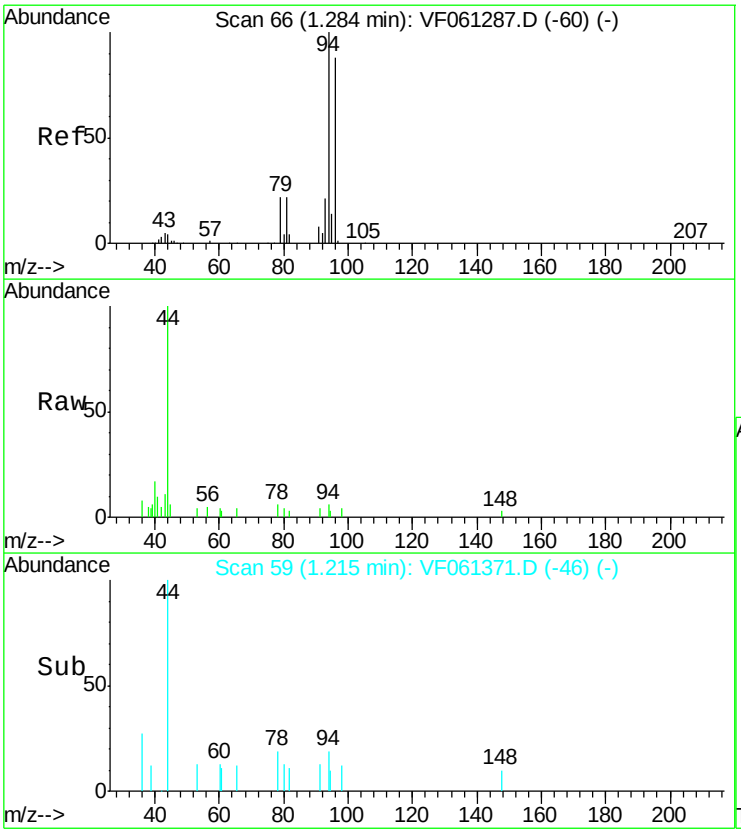
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.02 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Instrument :
MSVOA_F
ClientSampleId :
OR-02-011019-A

Tgt Ion:168 Resp: 222894

Ion	Ratio	Lower	Upper
168	100		
99	64.5	52.7	79.1

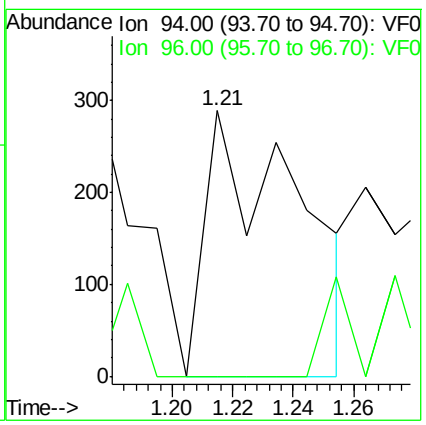


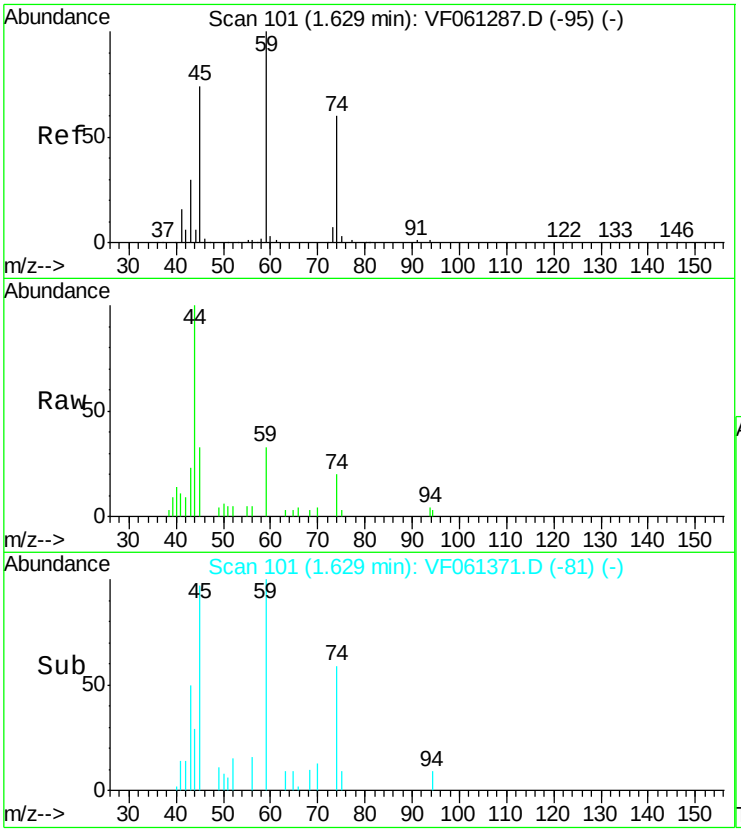


#5
Bromomethane
Concen: 3.115 ug/l
RT: 1.21 min Scan# 59
Delta R.T. -0.07 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Tgt Ion: 94 Resp: 610

Ion	Ratio	Lower	Upper
94	100		
96	0.0	70.2	105.4#



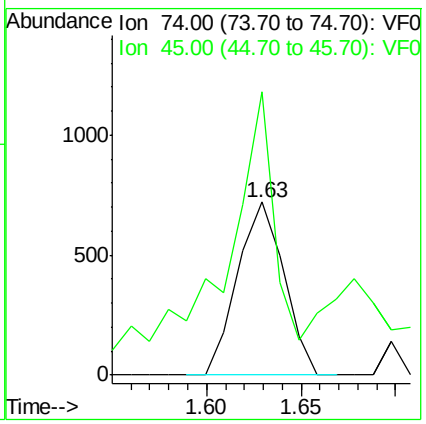


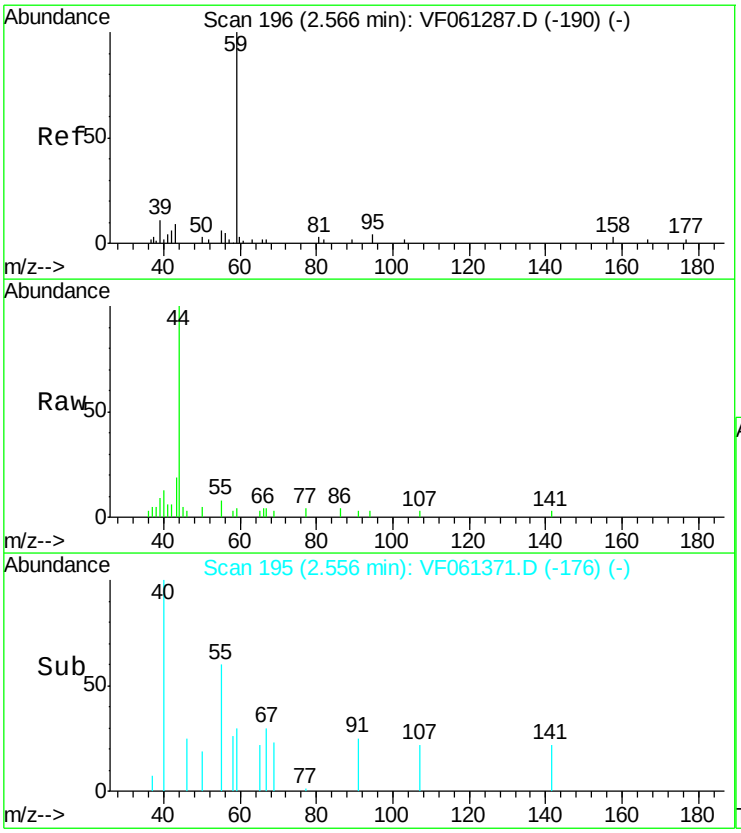
#8
Diethyl Ether
Concen: 1.508 ug/l
RT: 1.63 min Scan# 101
Delta R.T. 0.00 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Instrument : MSVOA_F
ClientSampleId : OR-02-011019-A

Tgt Ion: 74 Resp: 1228

Ion	Ratio	Lower	Upper
74	100		
45	163.5	62.1	186.3

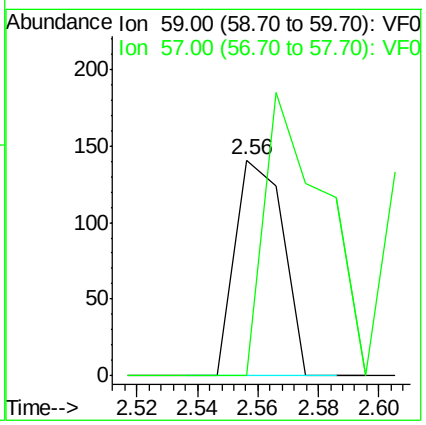


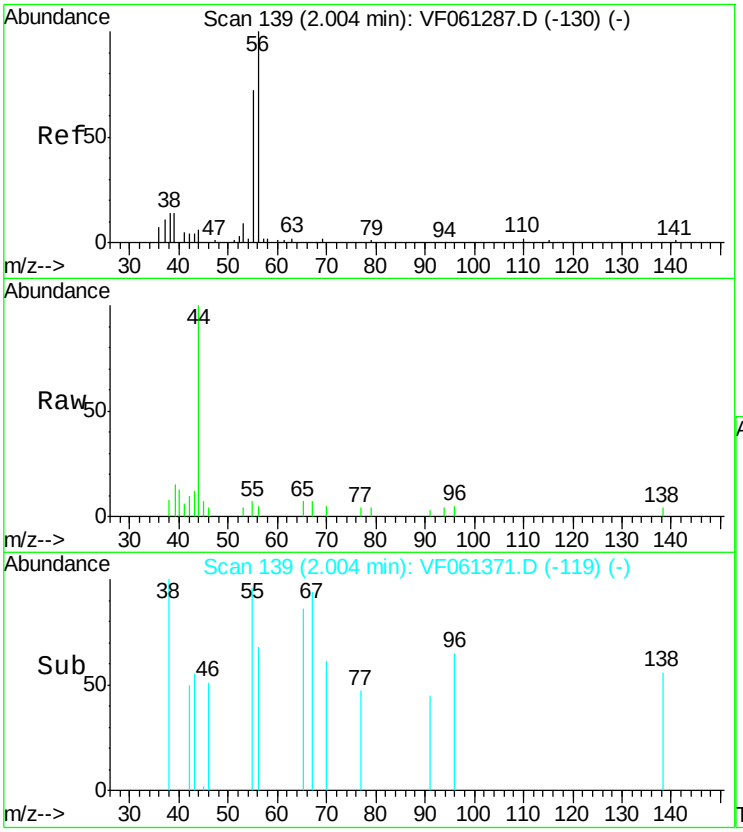


#11
Tert butyl alcohol
Concen: 1.581 ug/l
RT: 2.56 min Scan# 195
Delta R.T. -0.01 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Tgt Ion: 59 Resp: 157

Ion	Ratio	Lower	Upper
59	100		
57	0.0	15.1	22.7#



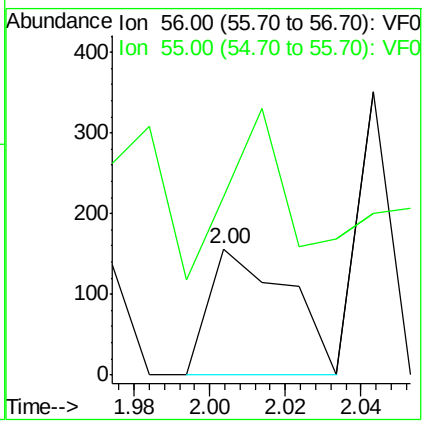


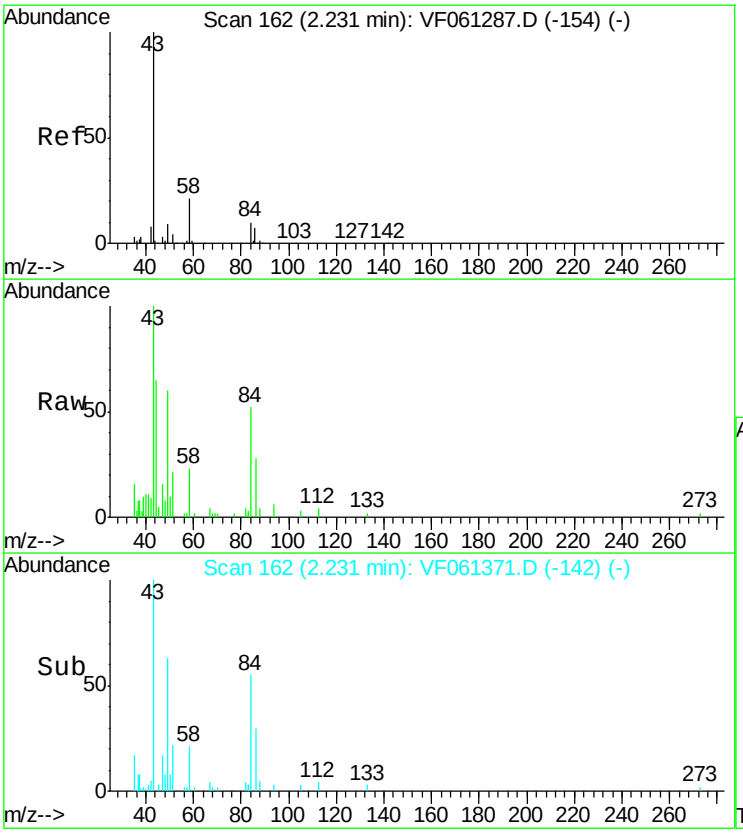
#13
Acrolein
Concen: Below Cal
RT: 2.00 min Scan# 139
Delta R.T. 0.00 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Instrument :
MSVOA_F
ClientSampleId :
OR-02-011019-A

Tgt Ion: 56 Resp: 225

Ion	Ratio	Lower	Upper
56	100		
55	141.7	59.4	89.0#

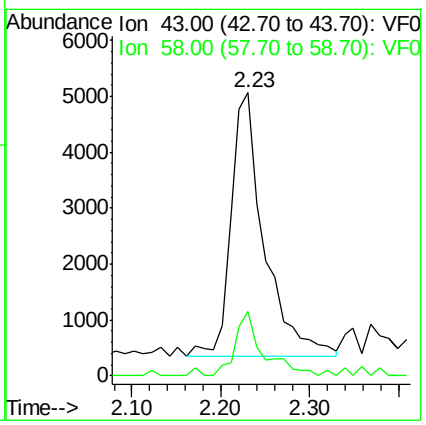


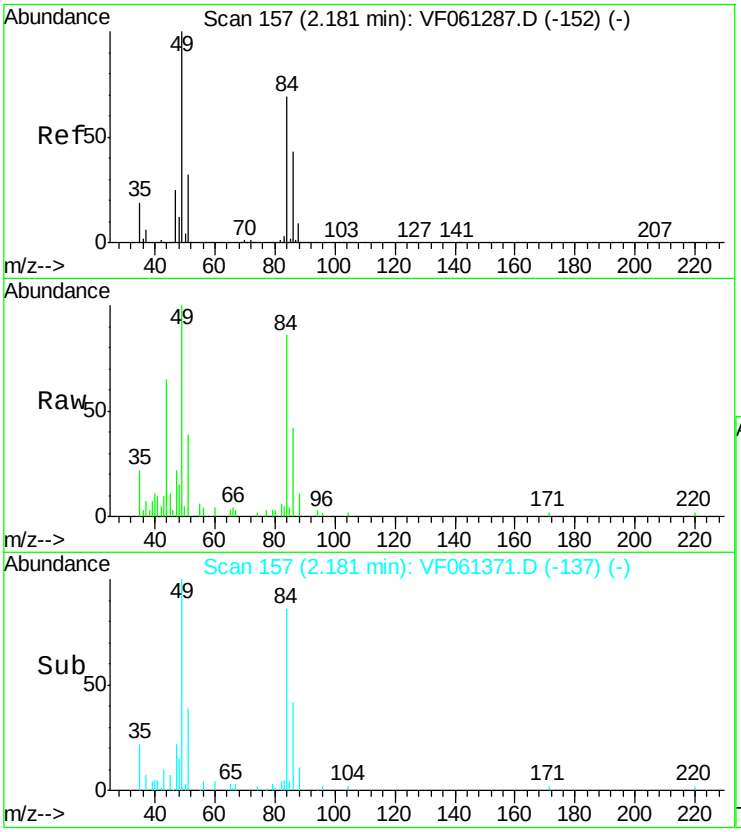


#16
Acetone
Concen: 21.399 ug/l
RT: 2.23 min Scan# 162
Delta R.T. 0.00 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Tgt Ion: 43 Resp: 12350

Ion	Ratio	Lower	Upper
43	100		
58	22.9	16.6	25.0



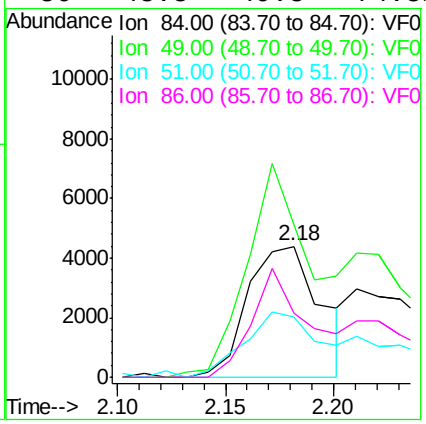


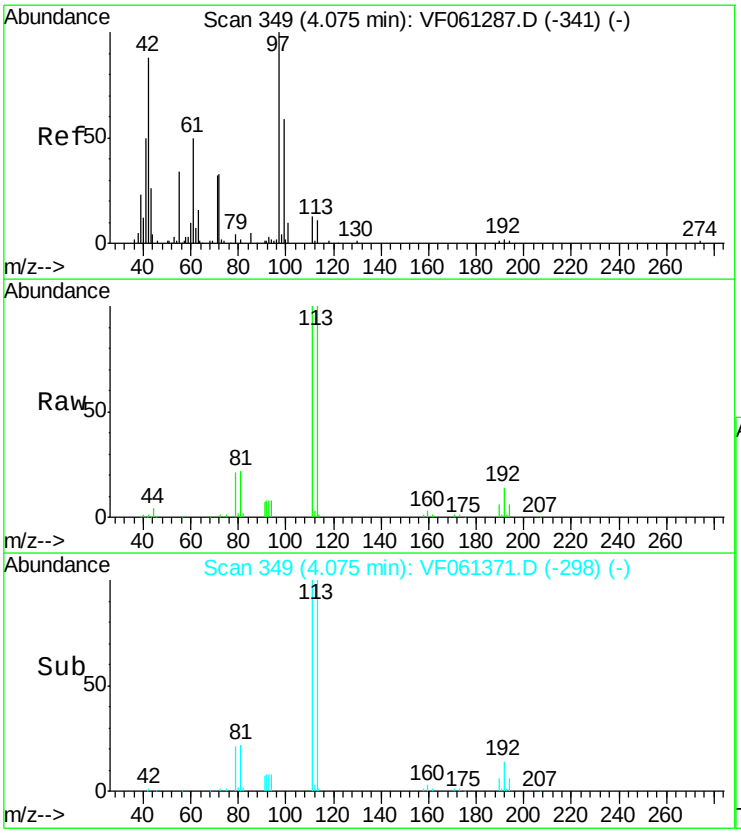
#20
Methylene Chloride
Concen: 4.234 ug/l
RT: 2.18 min Scan# 157
Delta R.T. 0.00 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Instrument : MSVOA_F
ClientSampleId : OR-02-011019-A

Tgt Ion: 84 Resp: 10338

Ion	Ratio	Lower	Upper
84	100		
49	116.3	116.6	175.0#
51	45.7	37.7	56.5
86	48.8	49.8	74.8#

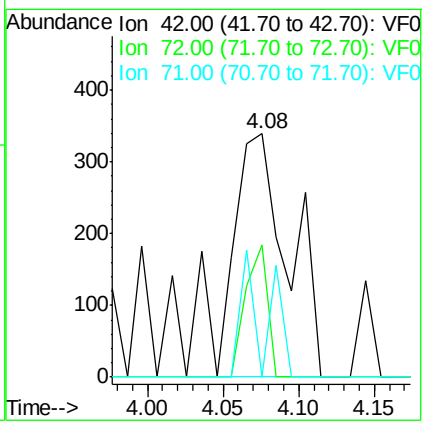


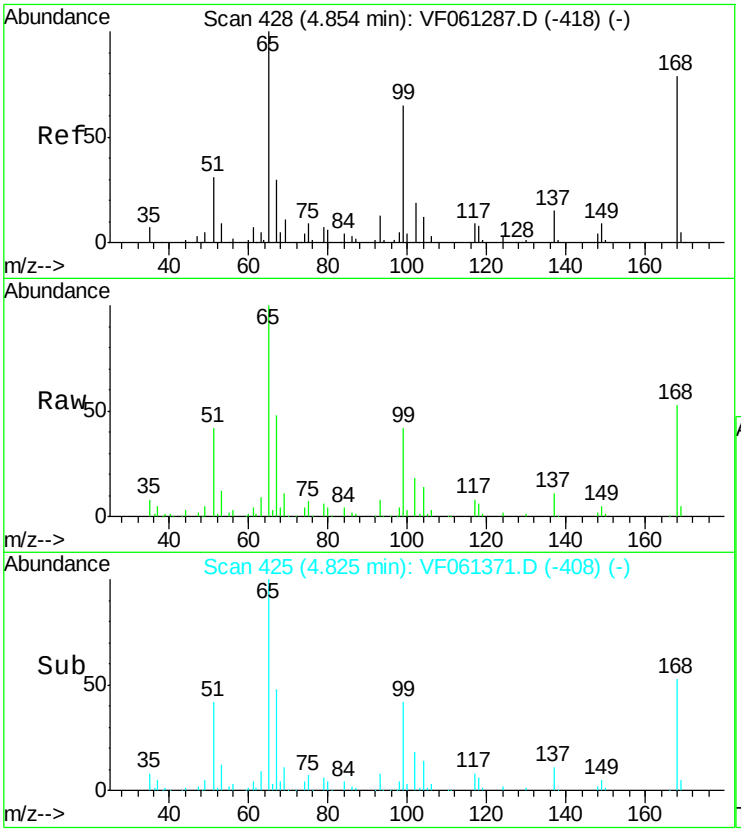


#29
Tetrahydrofuran
Concen: 2.410 ug/l
RT: 4.08 min Scan# 349
Delta R.T. 0.00 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Tgt Ion: 42 Resp: 936

Ion	Ratio	Lower	Upper
42	100		
72	19.7	32.3	48.5#
71	21.0	29.5	44.3#



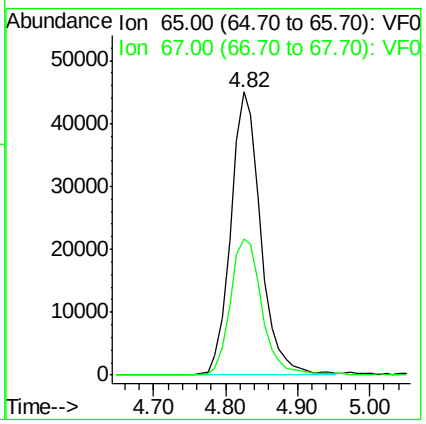


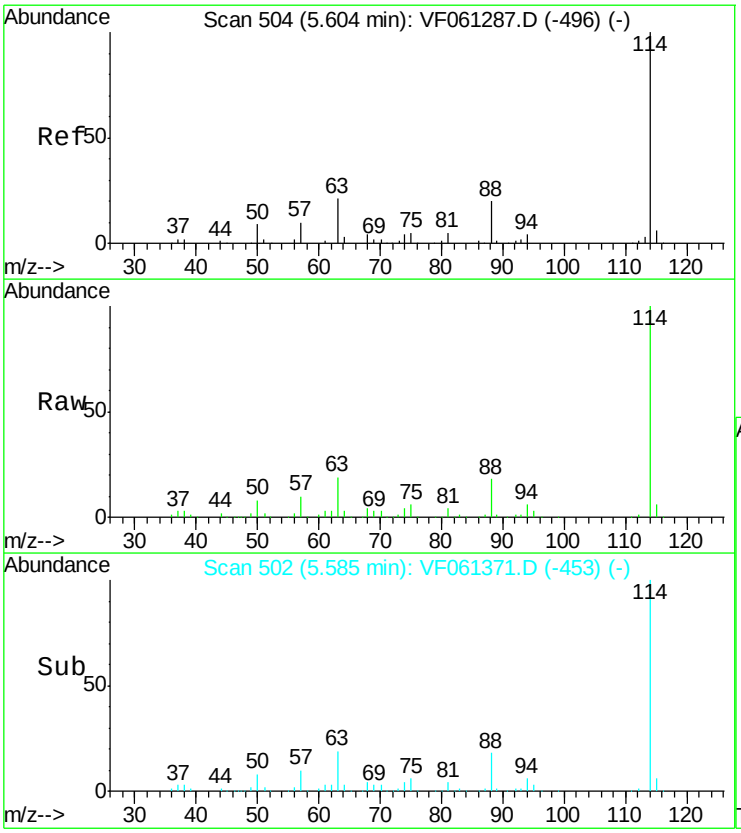
#33
1,2-Dichloroethane-d4
Concen: 52.456 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.03 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Instrument : MSVOA_F
ClientSampleId : OR-02-011019-A

Tgt Ion: 65 Resp: 130139

Ion	Ratio	Lower	Upper
65	100		
67	48.1	0.0	98.2

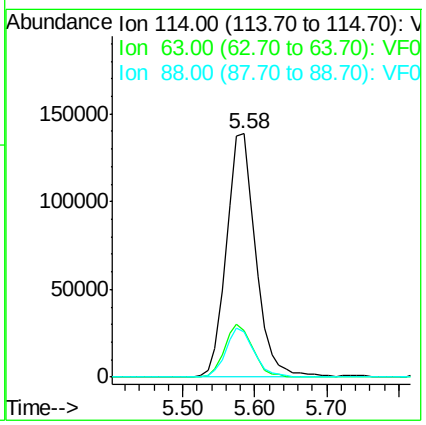


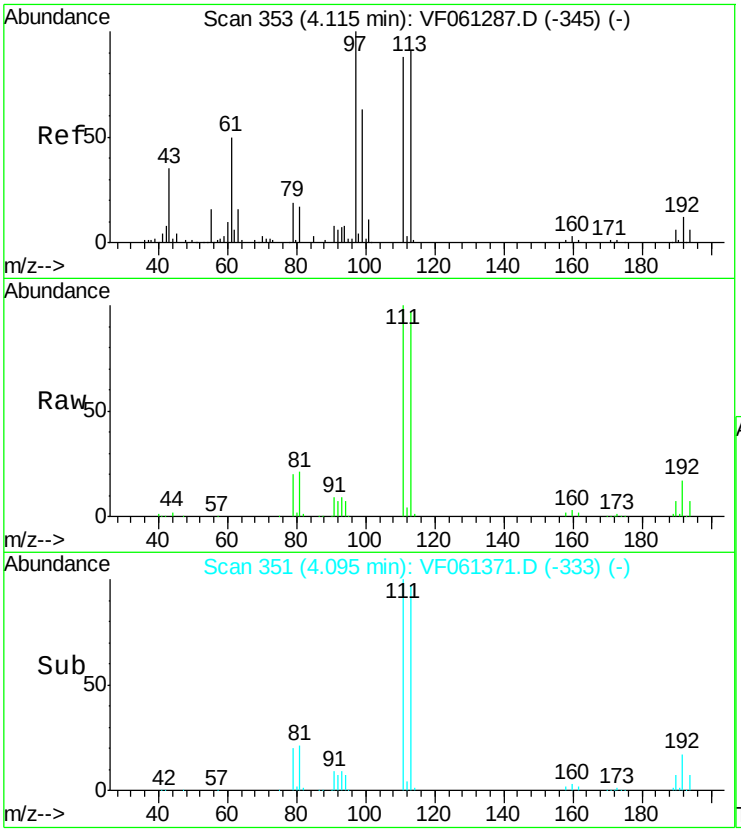


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.02 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Tgt Ion:114 Resp: 393188

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	42.8
88	18.3	0.0	40.0



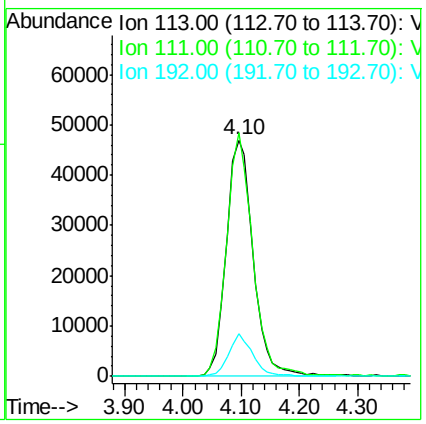


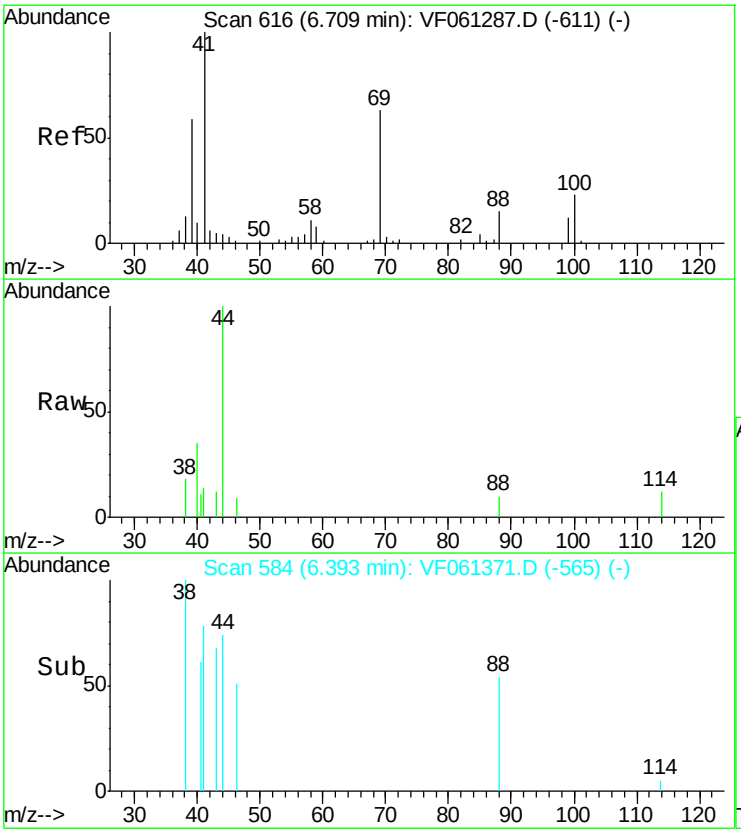
#35
Dibromofluoromethane
Concen: 50.394 ug/l
RT: 4.10 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Instrument :
MSVOA_F
ClientSampleId :
OR-02-011019-A

Tgt Ion:113 Resp: 151613

Ion	Ratio	Lower	Upper
113	100		
111	103.1	78.0	117.0
192	17.8	10.6	16.0#

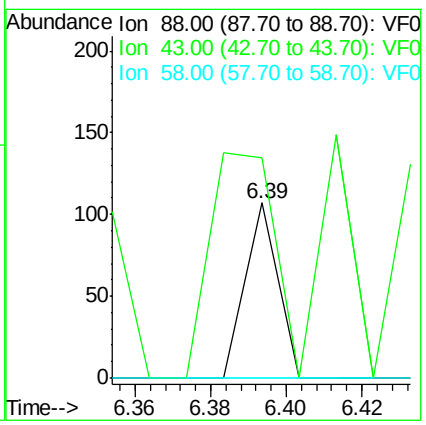


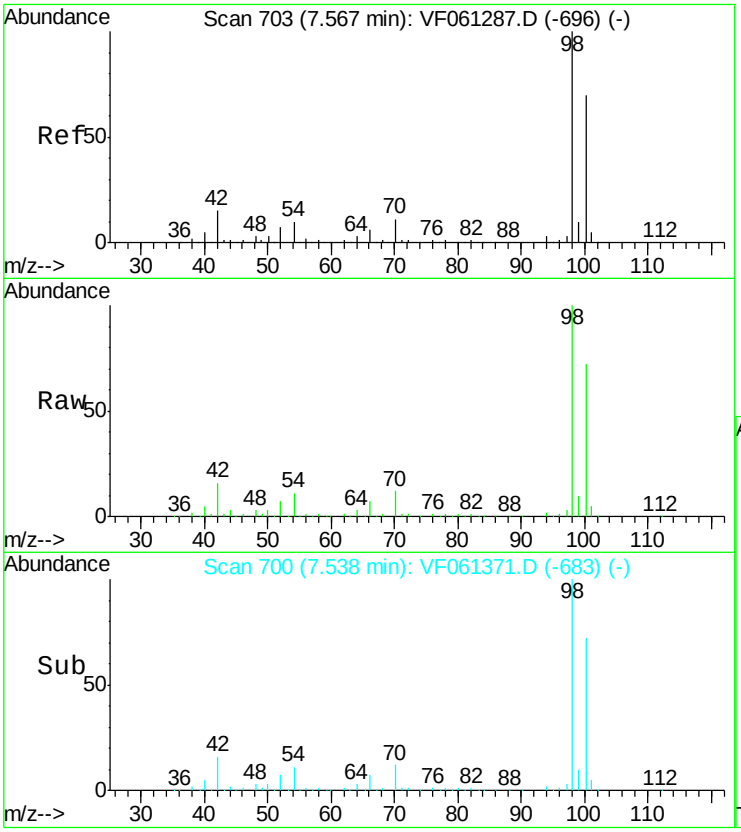


#49
1,4-Dioxane
Concen: 6.968 ug/l
RT: 6.39 min Scan# 584
Delta R.T. -0.32 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	126.2	38.5	57.7#
58	0.0	57.0	85.4#



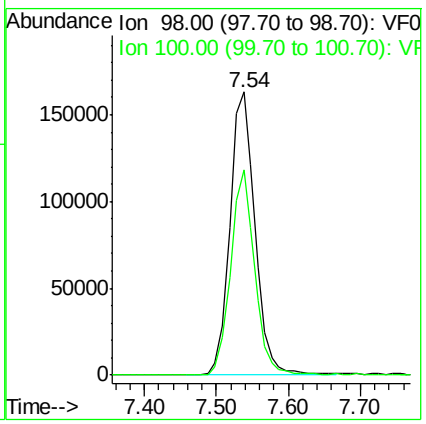


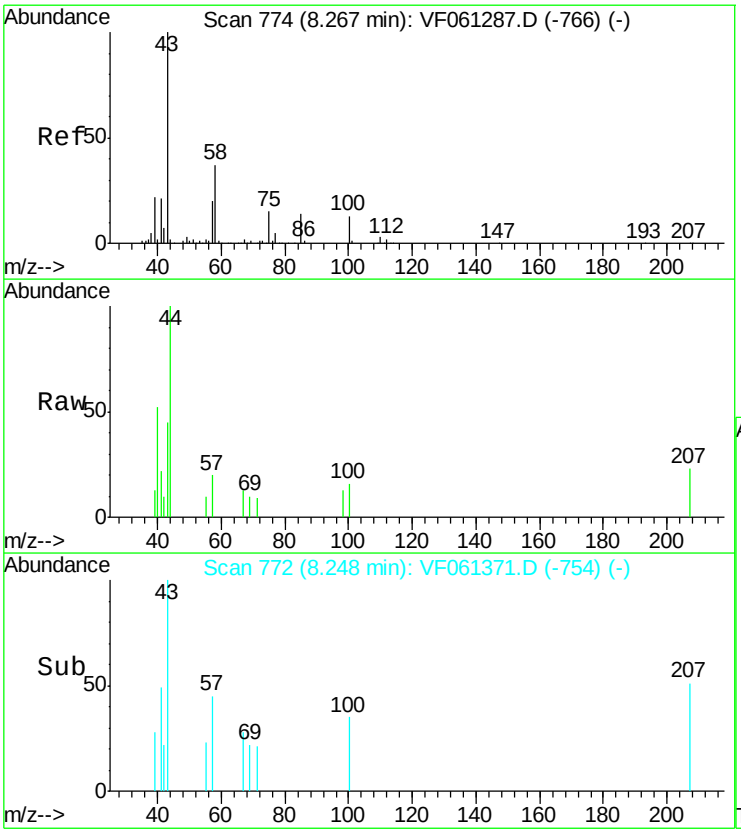
#50
Toluene-d8
Concen: 44.533 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Instrument :
MSVOA_F
ClientSampleId :
OR-02-011019-A

Tgt Ion: 98 Resp: 396480

Ion	Ratio	Lower	Upper
98	100		
100	72.4	55.6	83.4

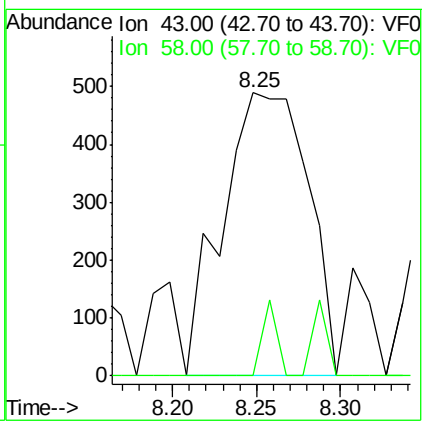


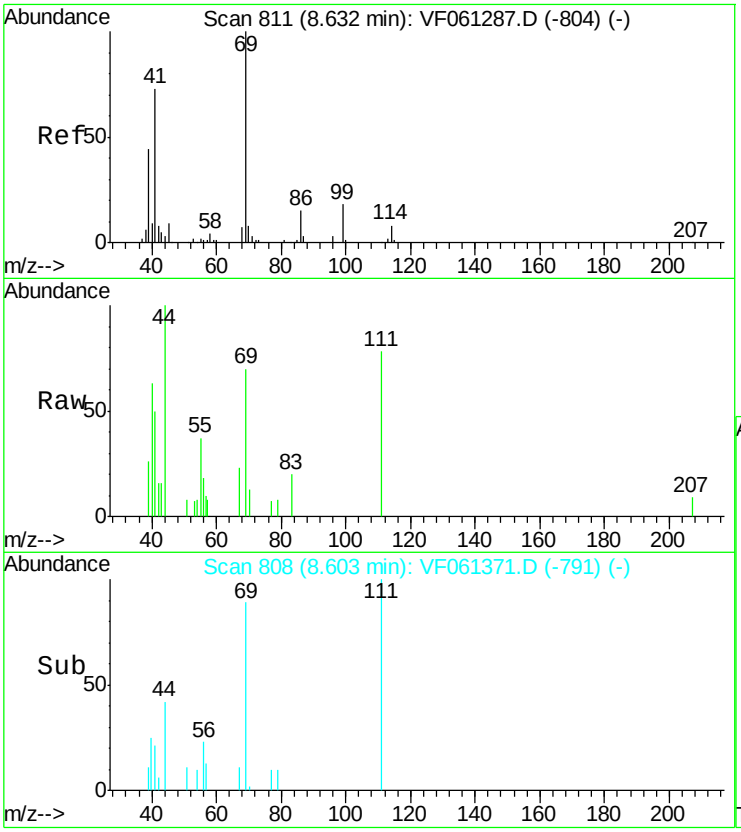


#51
4-Methyl-2-Pentanone
Concen: 1.036 ug/l
RT: 8.25 min Scan# 772
Delta R.T. -0.02 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Tgt Ion: 43 Resp: 1727

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.6	44.4#



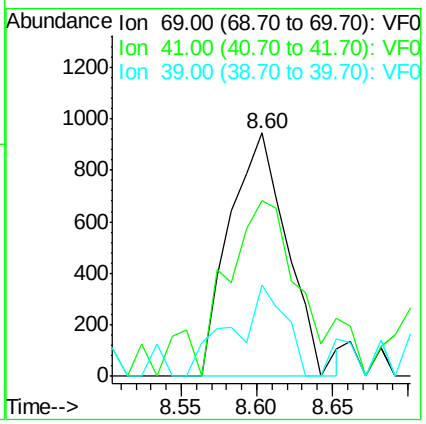


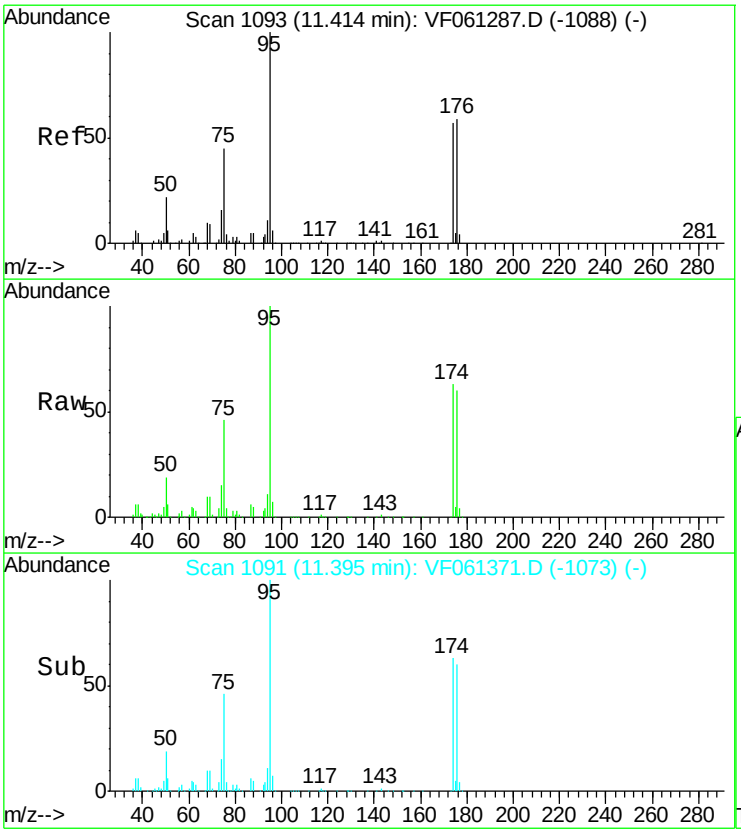
#56
Ethyl methacrylate
Concen: 1.178 ug/l
RT: 8.60 min Scan# 808
Delta R.T. -0.03 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Instrument : MSVOA_F
ClientSampleId : OR-02-011019-A

Tgt Ion: 69 Resp: 2538

Ion	Ratio	Lower	Upper
69	100		
41	72.1	59.0	88.4
39	37.7	35.3	52.9

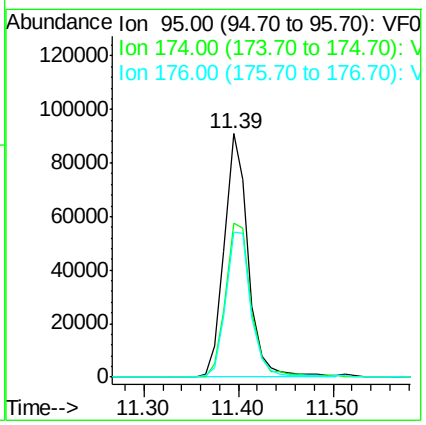


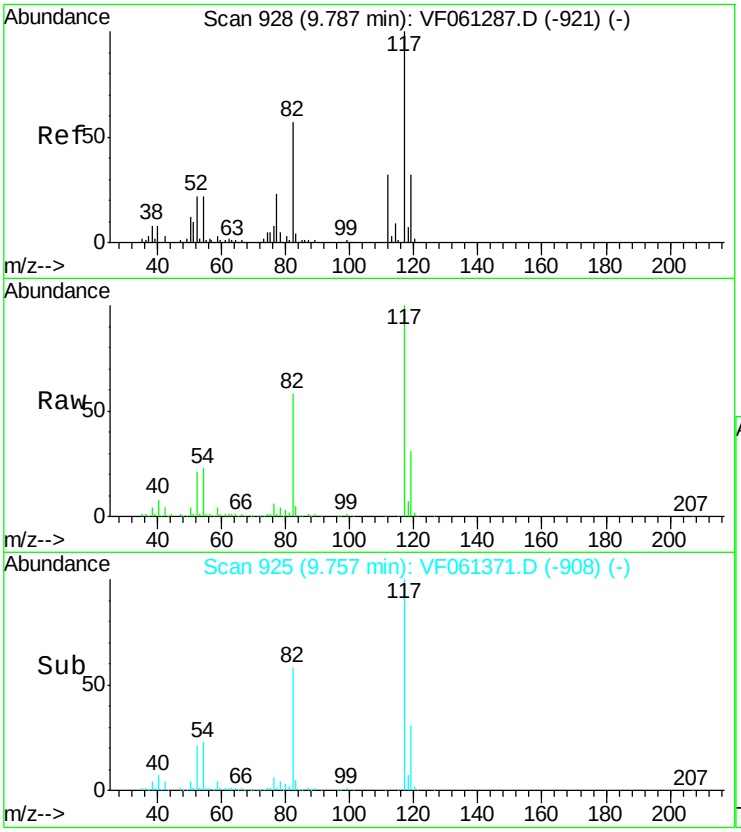


#62
4-Bromofluorobenzene
Concen: 41.158 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Tgt Ion: 95 Resp: 160004

Ion	Ratio	Lower	Upper
95	100		
174	63.1	0.0	114.2
176	59.7	0.0	117.8



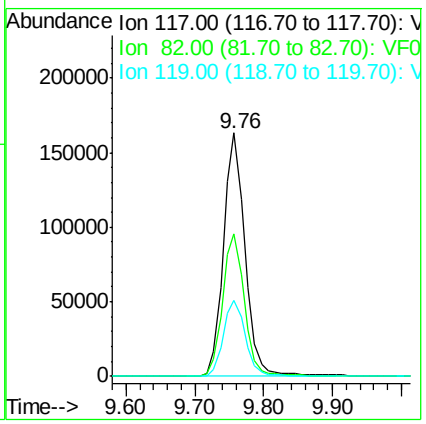


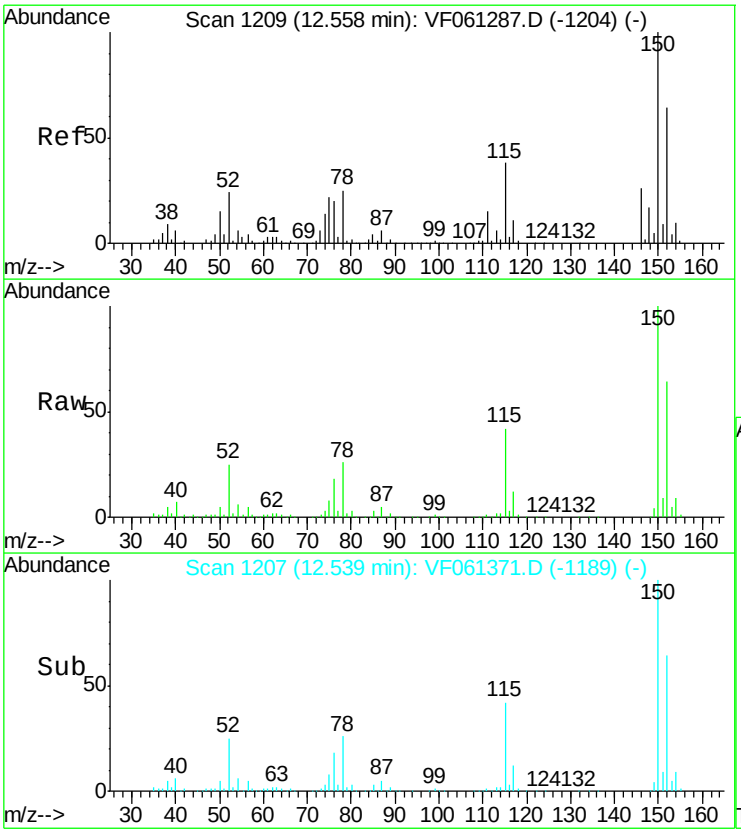
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Instrument : MSVOA_F
ClientSampleId : OR-02-011019-A

Tgt Ion:117 Resp: 354313

Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.3	67.9
119	31.1	25.4	38.0

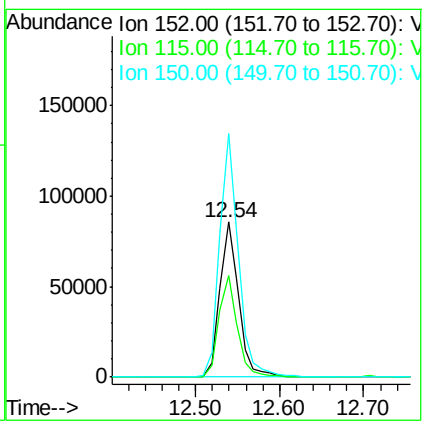


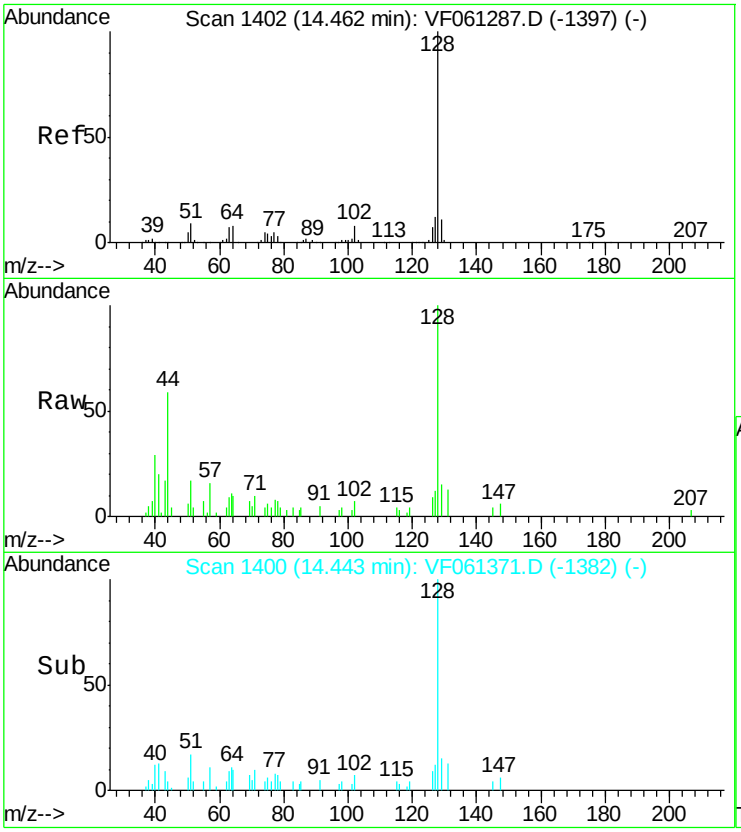


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Tgt Ion:152 Resp: 134051

Ion	Ratio	Lower	Upper
152	100		
115	65.4	29.6	88.9
150	156.9	0.0	315.4





#95
Naphthalene
Concen: 1.166 ug/l
RT: 14.44 min Scan# 1400
Delta R.T. -0.02 min
Lab File: VF061371.D
Acq: 11 Jan 2019 16:39

Instrument :
MSVOA_F
ClientSampleId :
OR-02-011019-A

Tgt Ion:128 Resp: 6615

Ion	Ratio	Lower	Upper
128	100		
127	11.8	9.4	14.0
129	15.0	8.8	13.2#