Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF010919\
Data File : VF061303.D
Acq On : 9 Jan 2019 16:11
Operator : VA/AP
Sample : K1082-11
Misc : 3.88g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SP-1-6

Quant Time: Jan 10 05:55:29 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	4.89	168	62	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-5.60
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-9.79
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.56
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.89	65	64	92.74	ug/l	0.04
Spiked Amount 50.000			Recovery = 185.48%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	0.00	98	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
Target Compounds						Qvalue
3) Chloromethane	1.08	50	195	191.341	ug/l #	70
4) Vinyl Chloride	1.16	62	77	84.595	ug/l #	43
5) Bromomethane	1.29	94	859	Below Cal	#	62
6) Chloroethane	1.36	64	67	150.736	ug/l #	45
7) Trichlorofluoromethane	1.38	101	87	56.382	ug/l #	19
12) 1,1-Dichloroethene	1.80	96	134	205.671	ug/l #	1
13) Acrolein	1.99	56	547	19868.423	ug/l	99
14) Allyl chloride	2.10	41	320	268.709	ug/l #	82
15) Acrylonitrile	2.98	53	237	2419.638	ug/l #	32
16) Acetone	2.25	43	1678	10452.648	ug/l #	55
17) Carbon Disulfide	1.84	76	63	29.275	ug/l #	74
18) Methyl Acetate	2.34	43	877	2776.695	ug/l #	65
19) Methyl tert-butyl Ether	2.50	73	86	69.268	ug/l #	57
20) Methylene Chloride	2.18	84	70	103.070	ug/l #	1
21) trans-1,2-Dichloroethene	2.33	96	178	257.824	ug/l #	1
22) Diisopropyl ether	2.81	45	737	319.886	ug/l #	19
23) Vinyl Acetate	3.20	43	299	443.765	ug/l #	77
24) 1,1-Dichloroethane	2.82	63	146	109.549	ug/l #	87
25) 2-Butanone	4.33	43	238	921.135	ug/l #	56
26) 2,2-Dichloropropane	3.51	77	76	85.337	ug/l #	60
28) Bromochloromethane	3.57	49	115	195.708	ug/l #	13
29) Tetrahydrofuran	4.07	42	276	2554.854	ug/l #	59
30) Chloroform	3.97	83	71	41.967	ug/l #	16
31) Cyclohexane	3.68	56	71	50.781	ug/l #	1

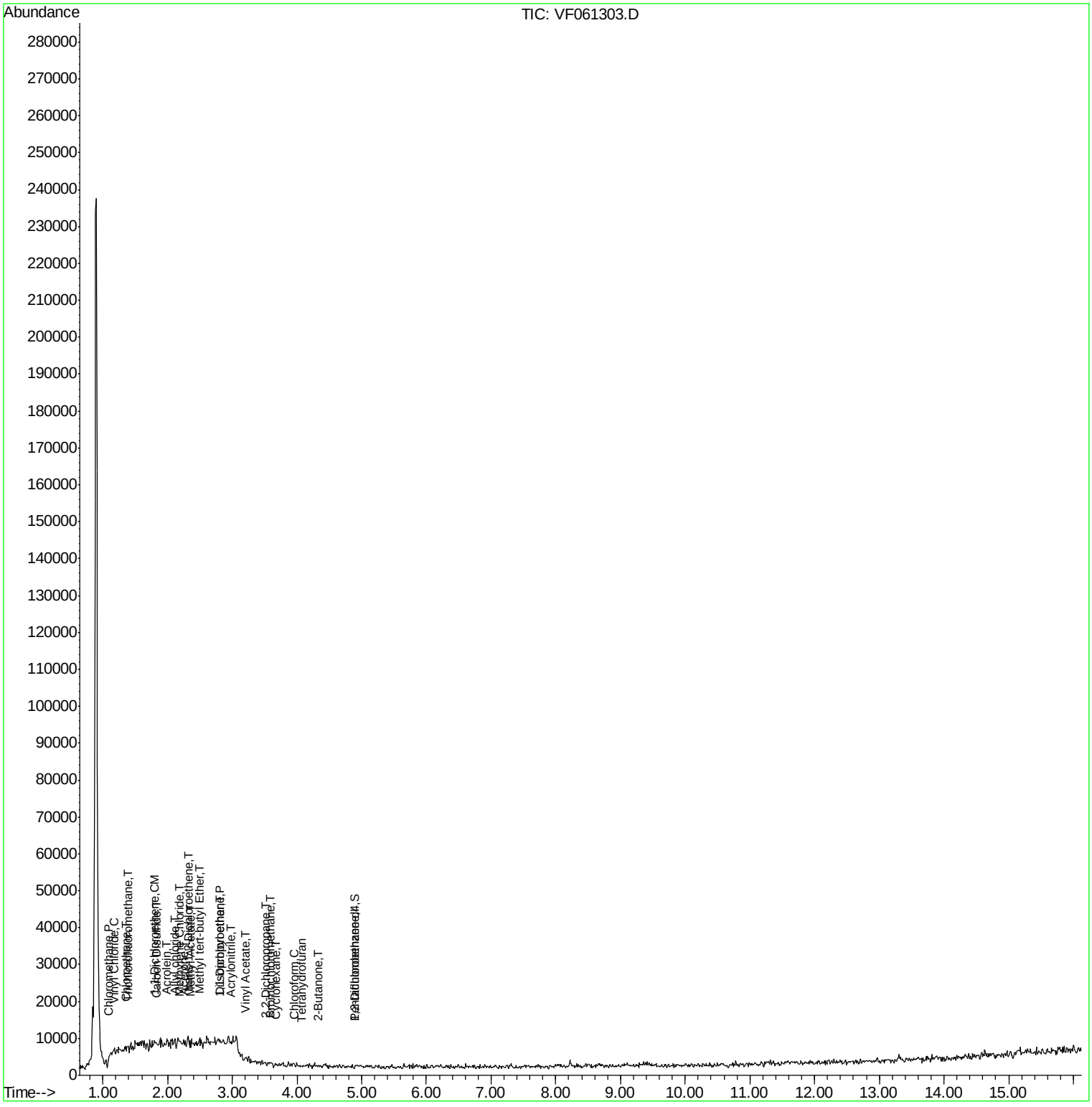
(#) = qualifier out of range (m) = manual integration (+) = signals summed

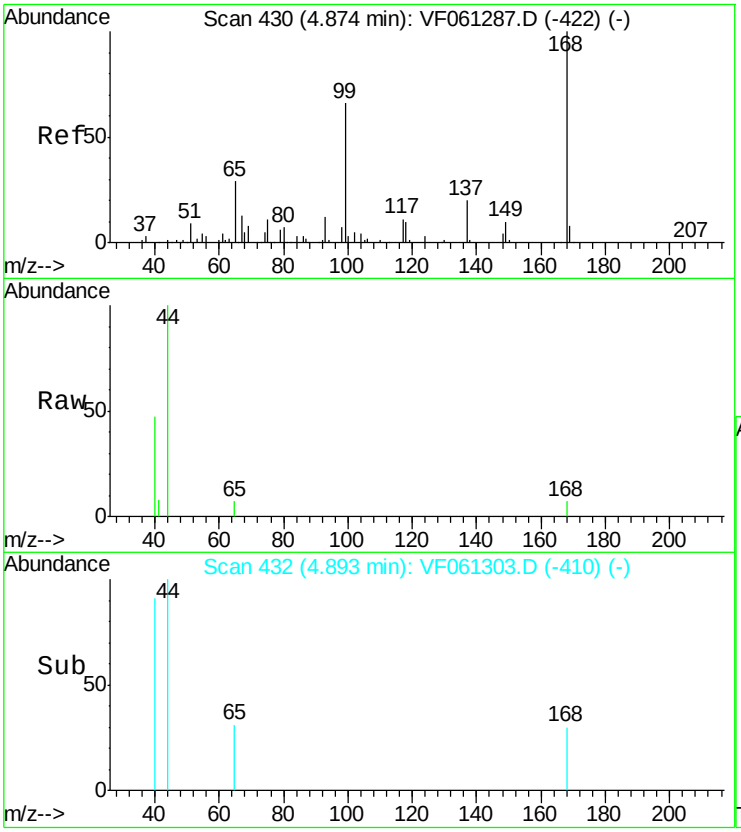
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
Data File : VF061303.D
Acq On : 9 Jan 2019 16:11
Operator : VA/AP
Sample : K1082-11
Misc : 3.88g/5mL/MSVOA-F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SP-1-6

Quant Time: Jan 10 05:55:29 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



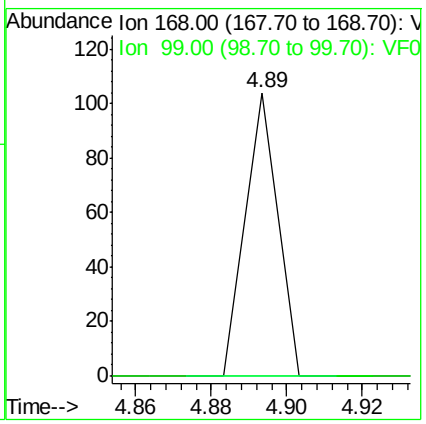


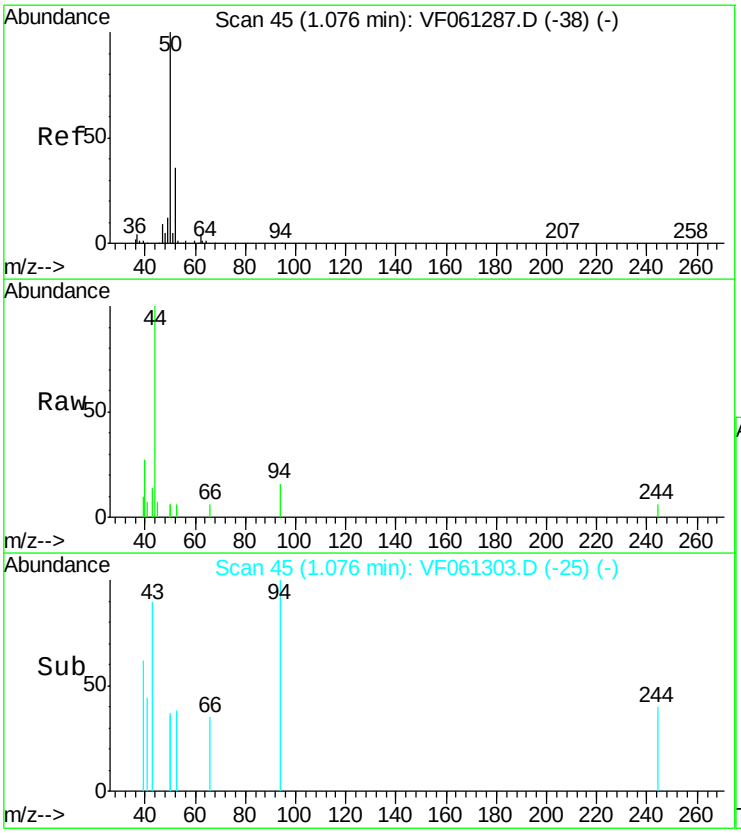
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.02 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Instrument :
MSVOA_F
ClientSampleId :
SP-1-6

Tgt Ion:168 Resp: 62

Ion	Ratio	Lower	Upper
168	100		
99	0.0	52.7	79.1#

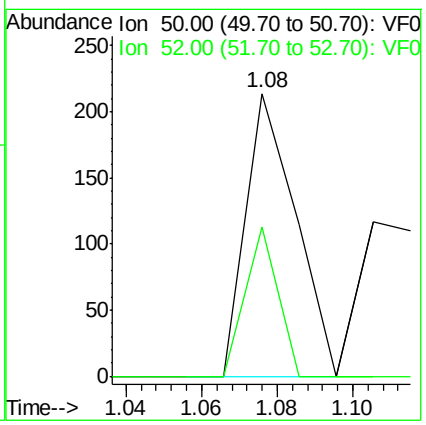


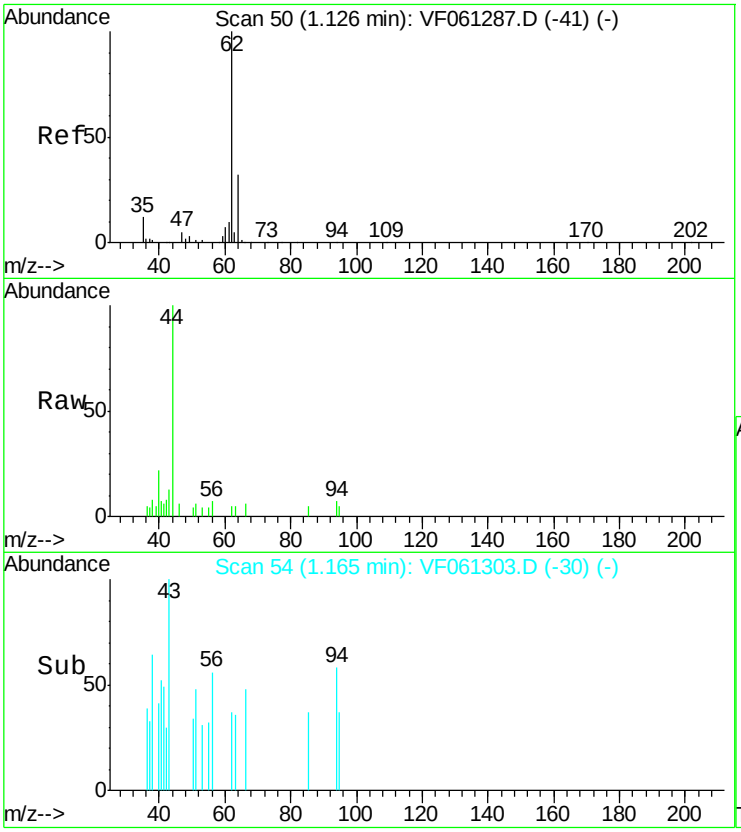


#3
Chloromethane
Concen: 191.341 ug/l
RT: 1.08 min Scan# 45
Delta R.T. -0.00 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 50 Resp: 195

Ion	Ratio	Lower	Upper
50	100		
52	52.8	28.2	42.2#



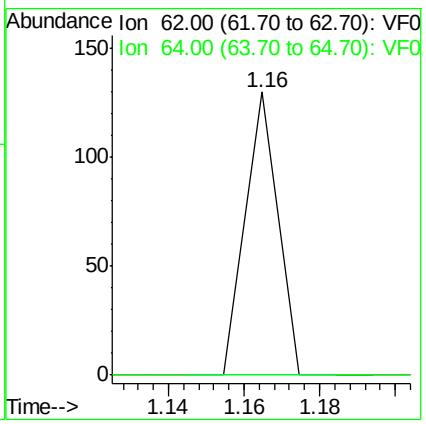


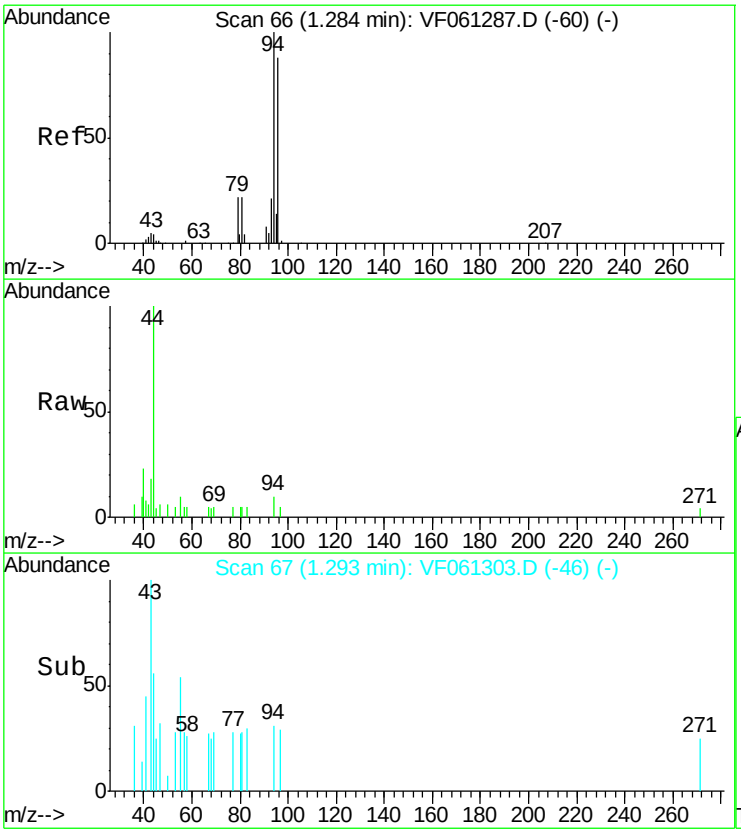
#4
Vinyl Chloride
Concen: 84.595 ug/l
RT: 1.16 min Scan# 54
Delta R.T. 0.04 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Instrument :
MSVOA_F
ClientSampleId :
SP-1-6

Tgt Ion: 62 Resp: 77

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.4	38.0#

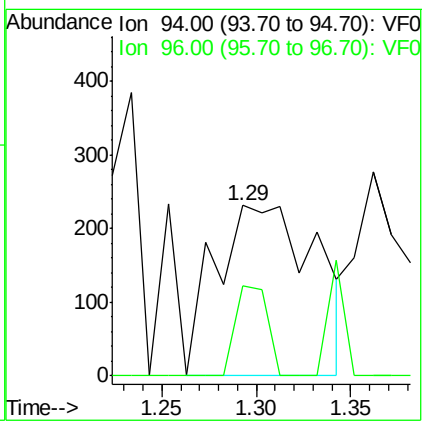


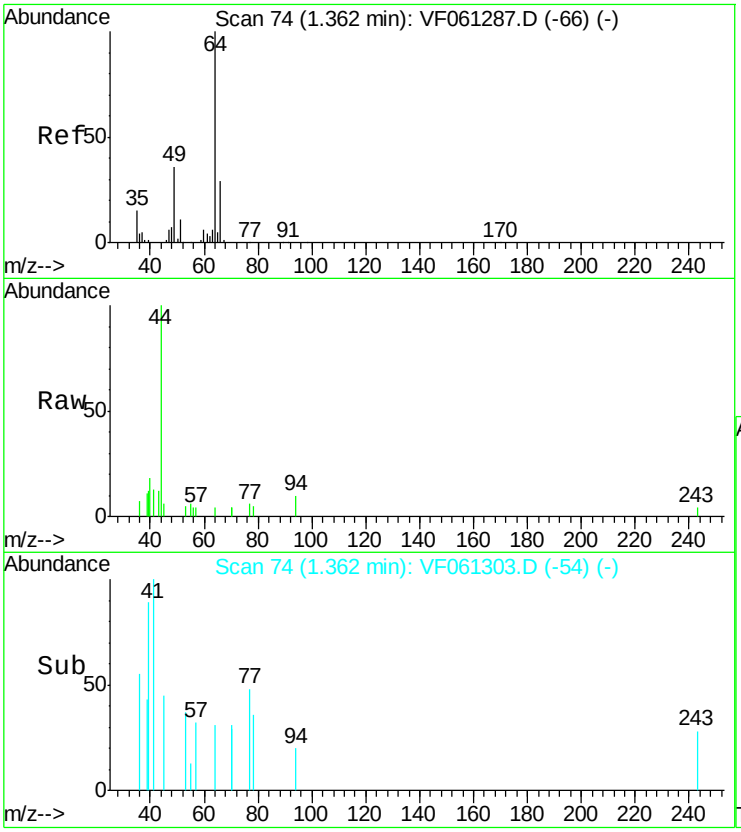


#5
Bromomethane
Concen: Below Cal
RT: 1.29 min Scan# 67
Delta R.T. 0.01 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 94 Resp: 859

Ion	Ratio	Lower	Upper
94	100		
96	52.8	70.2	105.4#



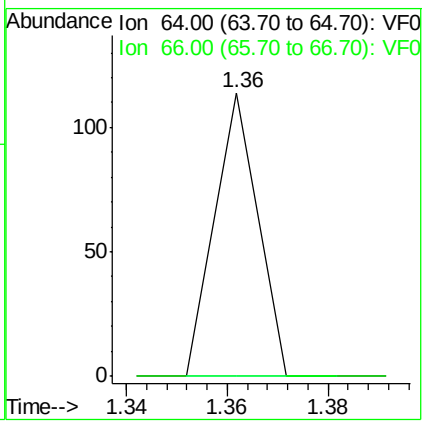


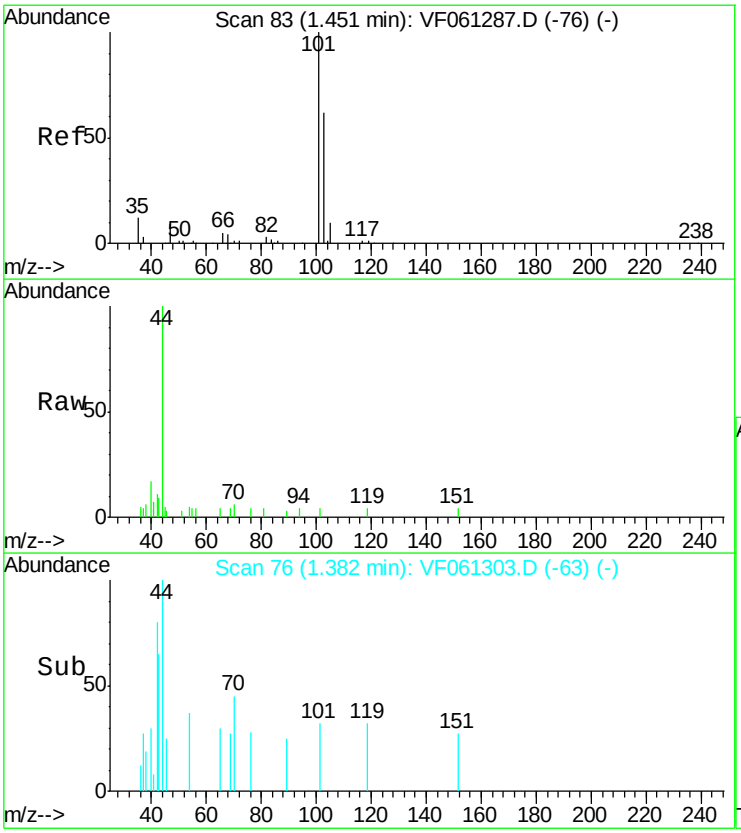
#6
Chloroethane
Concen: 150.736 ug/l
RT: 1.36 min Scan# 74
Delta R.T. -0.00 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Instrument :
MSVOA_F
ClientSampleId :
SP-1-6

Tgt Ion: 64 Resp: 67

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.4	35.0#

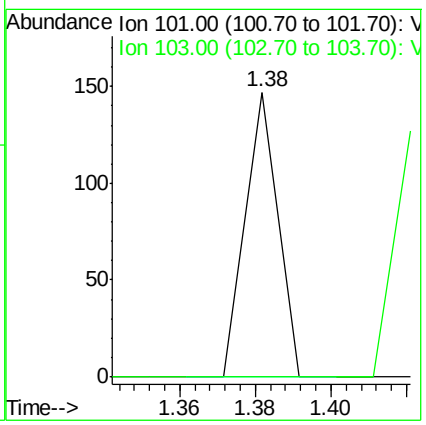


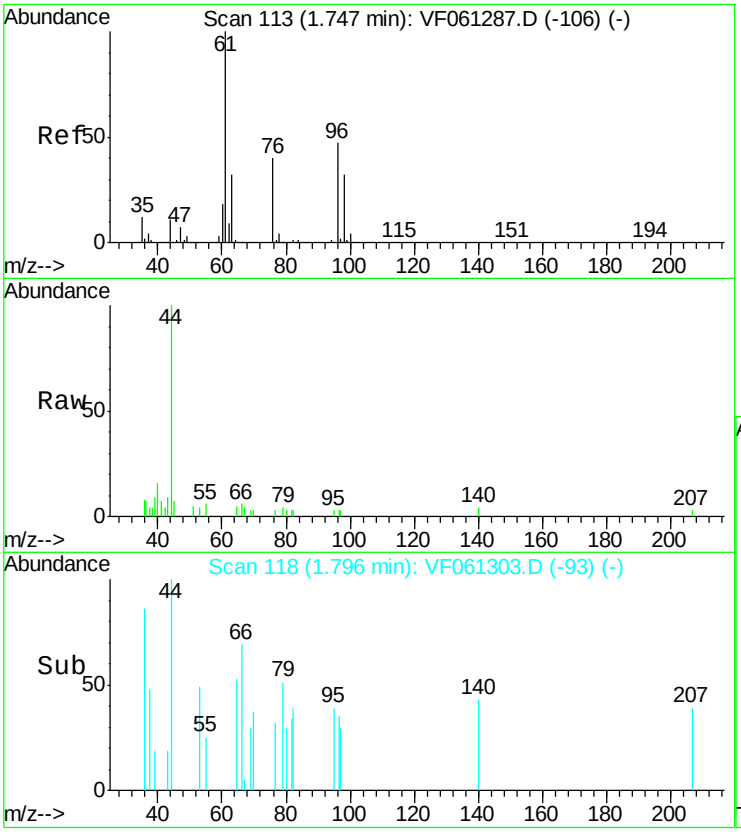


#7
Trichlorofluoromethane
Concen: 56.382 ug/l
RT: 1.38 min Scan# 76
Delta R.T. -0.07 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion:101 Resp: 87

Ion	Ratio	Lower	Upper
101	100		
103	0.0	49.9	74.9#



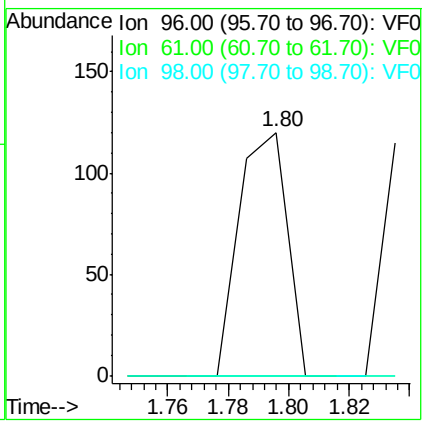


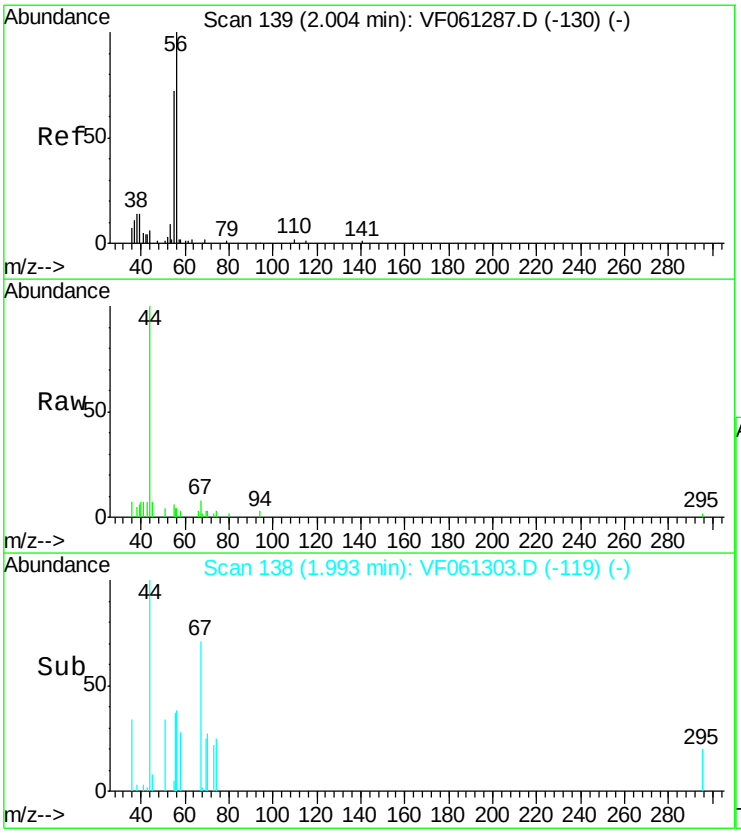
#12
1,1-Dichloroethene
Concen: 205.671 ug/l
RT: 1.80 min Scan# 118
Delta R.T. 0.05 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Instrument : MSVOA_F
ClientSampleId : SP-1-6

Tgt Ion: 96 Resp: 134

Ion	Ratio	Lower	Upper
96	100		
61	0.0	171.8	257.8#
98	0.0	54.2	81.4#

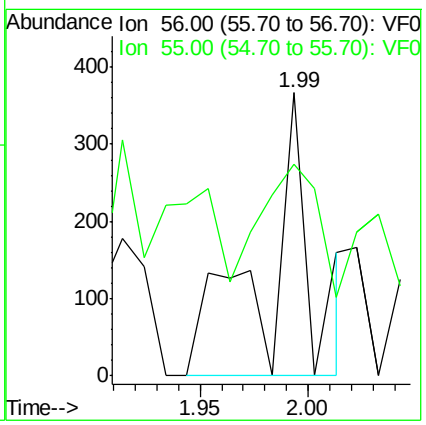


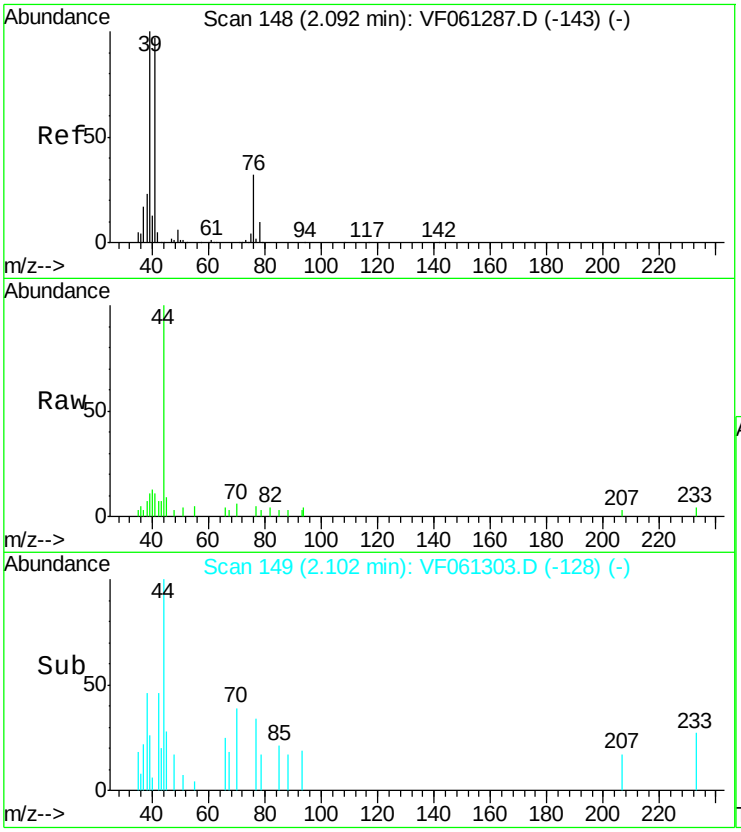


#13
Acrolein
Concen: 19868.423 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.01 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 56 Resp: 547

Ion	Ratio	Lower	Upper
56	100		
55	74.9	59.4	89.0



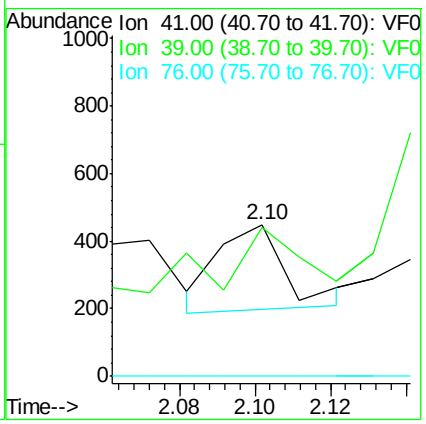


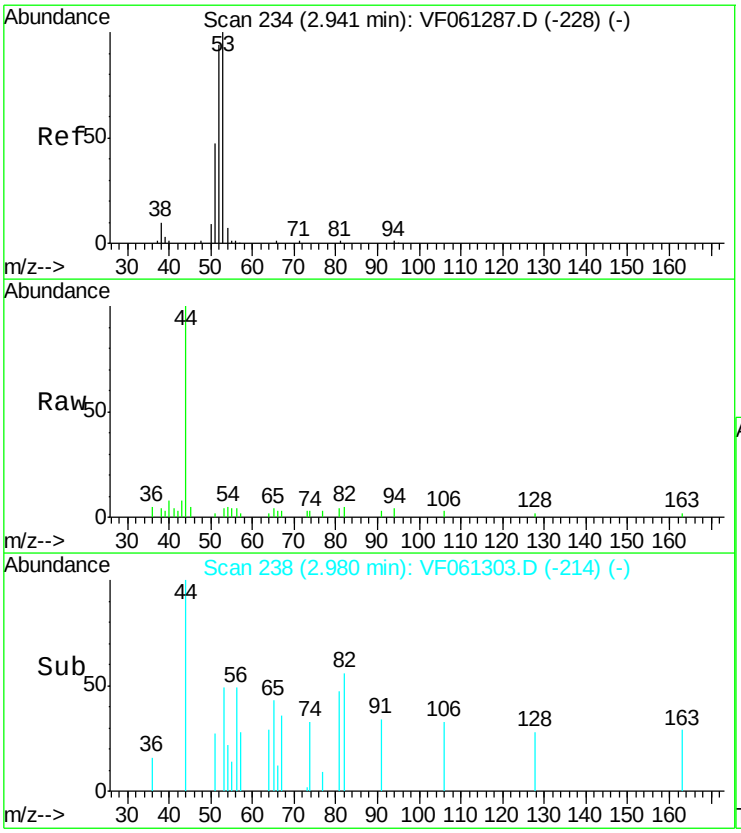
#14
Allvl chloride
Concen: 268.709 ug/l
RT: 2.10 min Scan# 149
Delta R.T. 0.01 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Instrument :
MSVOA_F
ClientSampleId :
SP-1-6

Tgt Ion: 41 Resp: 320

Ion	Ratio	Lower	Upper
41	100		
39	98.0	82.6	123.8
76	0.0	26.9	40.3#

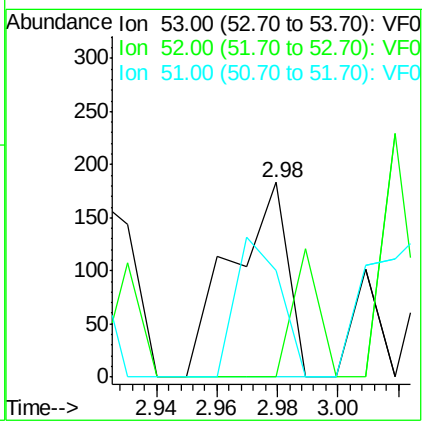


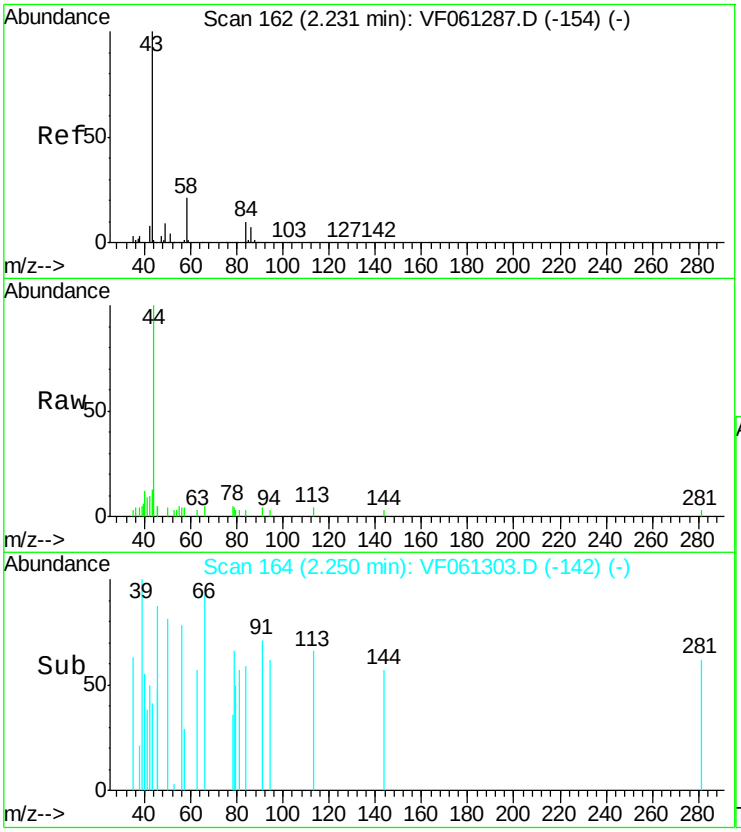


#15
Acrylonitrile
Concen: 2419.638 ug/l
RT: 2.98 min Scan# 238
Delta R.T. 0.04 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 53 Resp: 237

Ion	Ratio	Lower	Upper
53	100		
52	0.0	74.6	111.8#
51	54.6	37.8	56.6



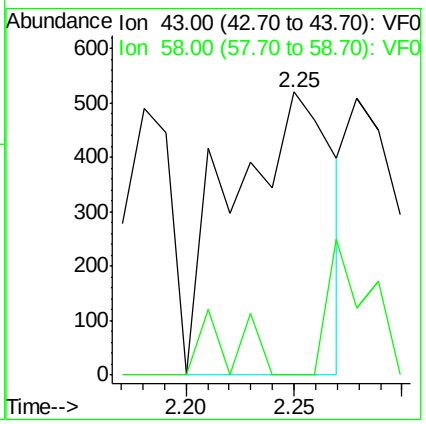


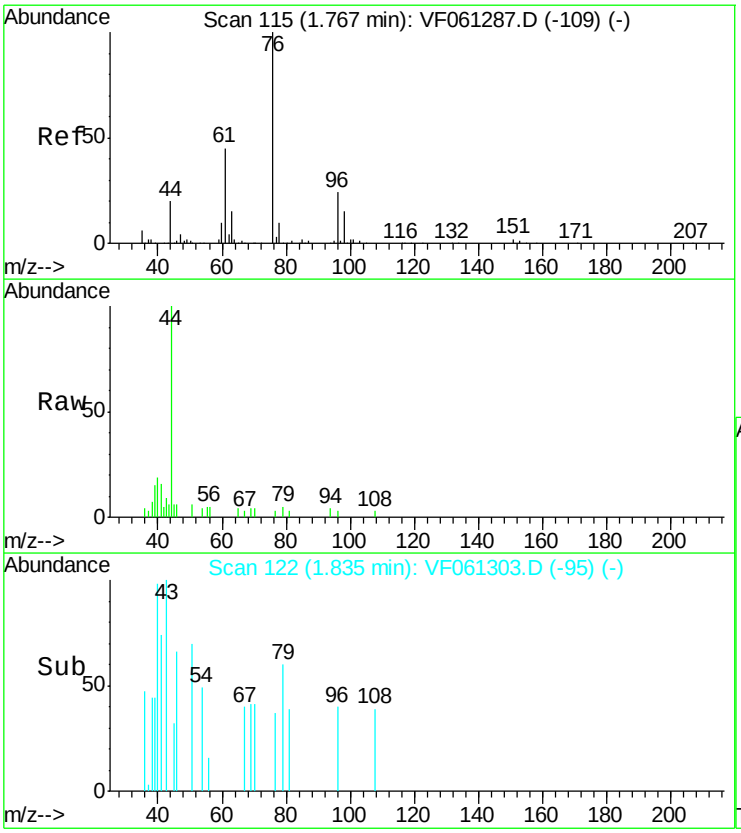
#16
Acetone
Concen: 10452.648 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.02 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Instrument :
MSVOA_F
ClientSampleId :
SP-1-6

Tgt Ion: 43 Resp: 1678

Ion	Ratio	Lower	Upper
43	100		
58	0.0	16.6	25.0#

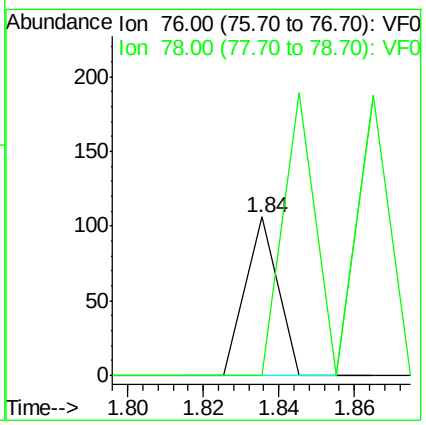


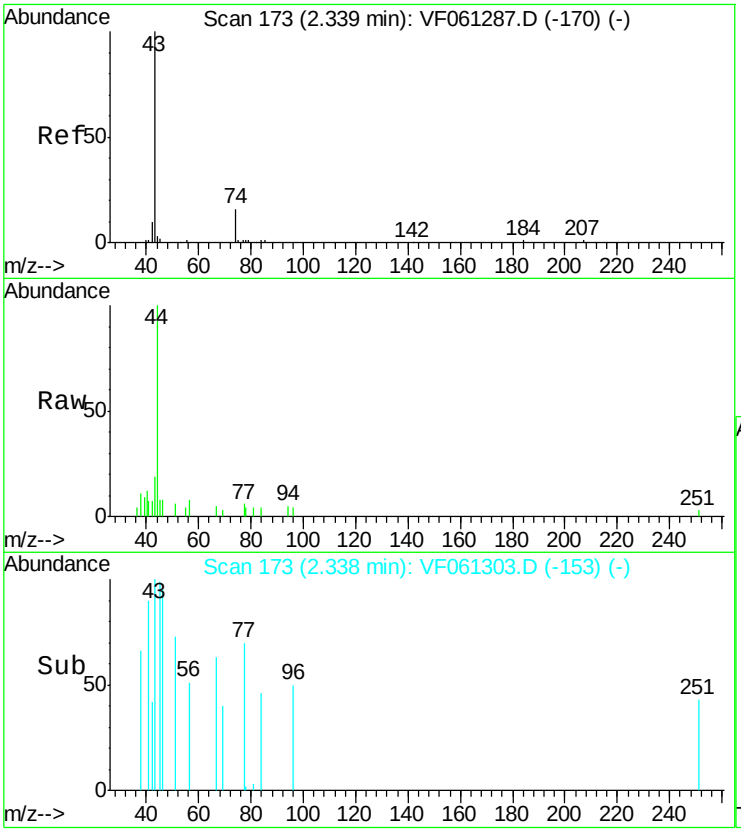


#17
Carbon Disulfide
Concen: 29.275 ug/l
RT: 1.84 min Scan# 122
Delta R.T. 0.07 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 76 Resp: 63

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.8	11.6#



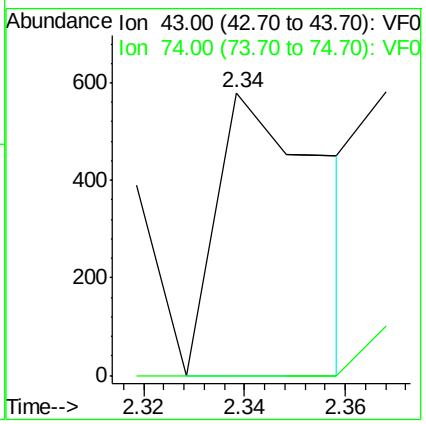


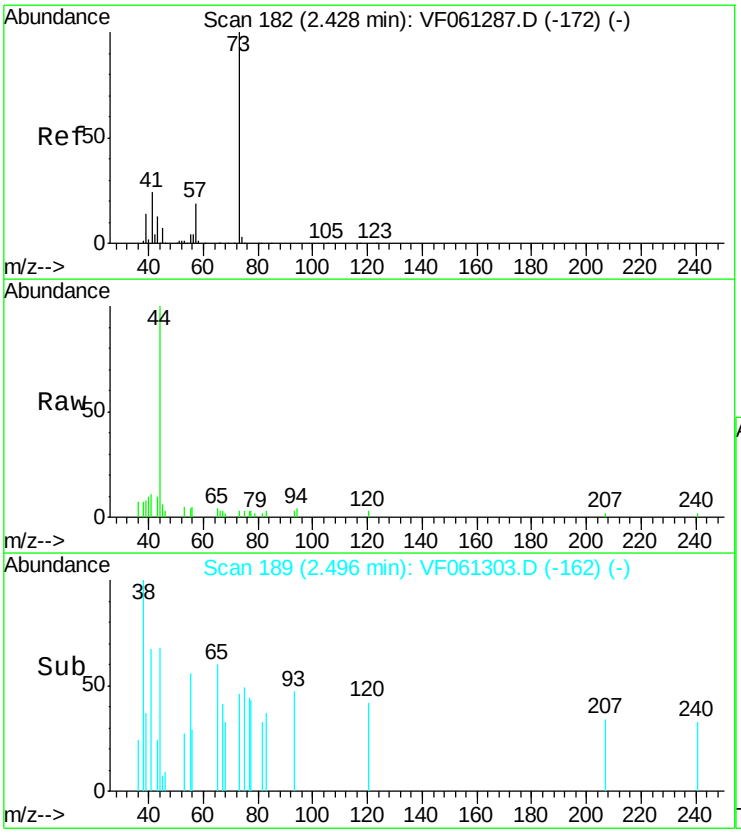
#18
Methyl Acetate
Concen: 2776.695 ug/l
RT: 2.34 min Scan# 173
Delta R.T. -0.00 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Instrument :
MSVOA_F
ClientSampleId :
SP-1-6

Tgt Ion: 43 Resp: 877

Ion	Ratio	Lower	Upper
43	100		
74	0.0	11.6	17.4#

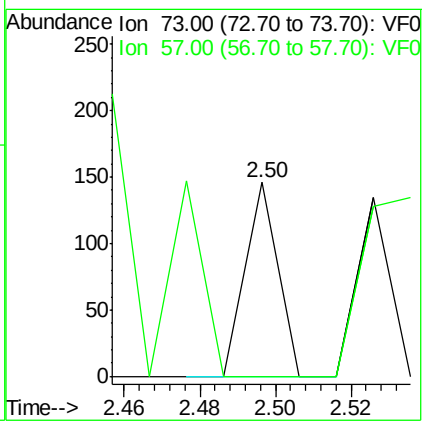


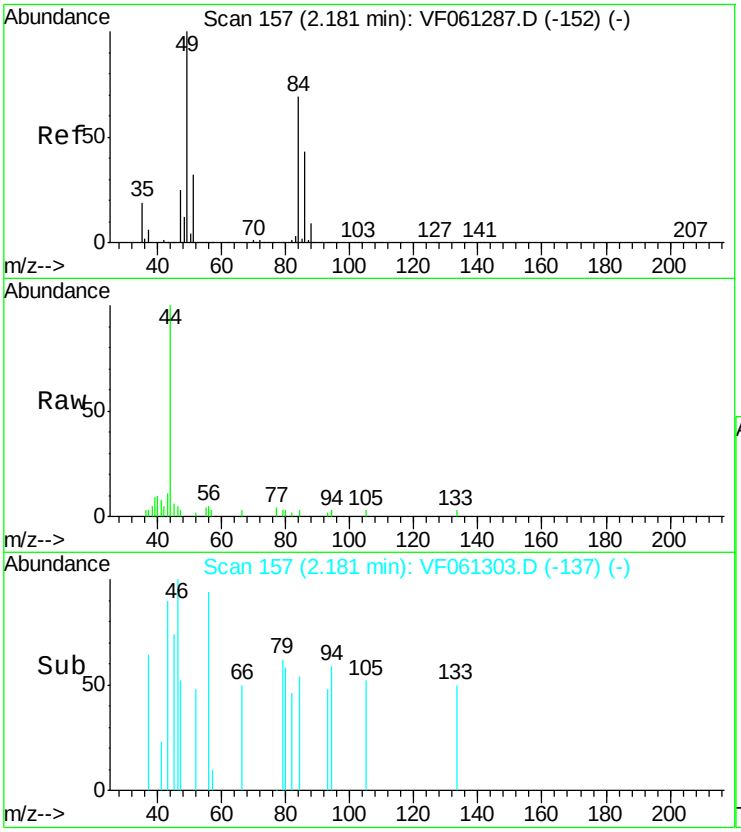


#19
Methyl tert-butyl Ether
Concen: 69.268 ug/l
RT: 2.50 min Scan# 189
Delta R.T. 0.07 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 73 Resp: 86

Ion	Ratio	Lower	Upper
73	100		
57	0.0	15.5	23.3#



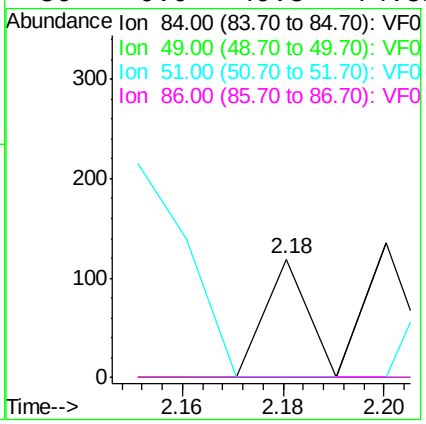


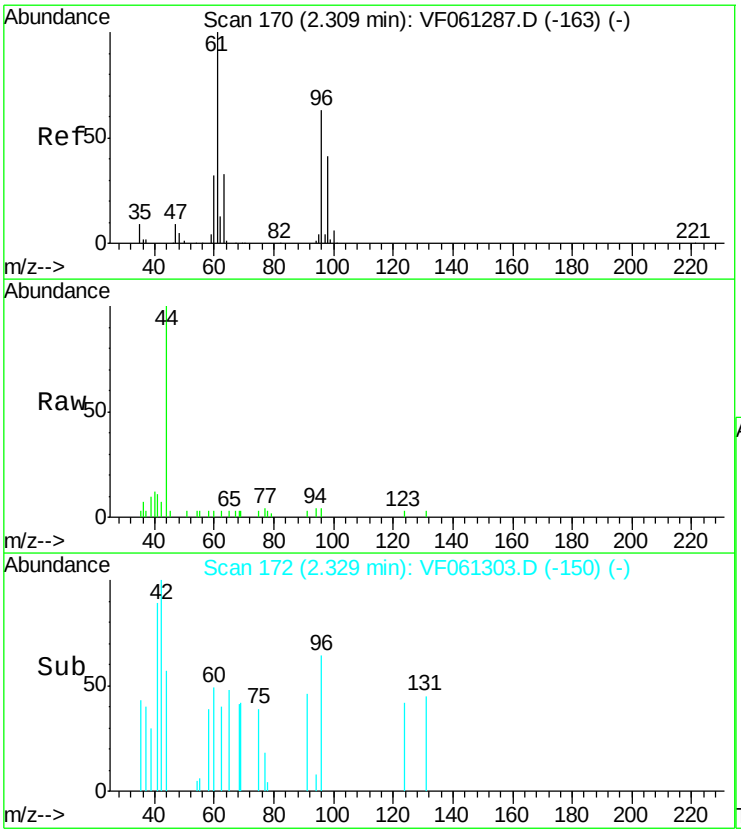
#20
Methylene Chloride
Concen: 103.070 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.00 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Instrument : MSVOA_F
ClientSampleId : SP-1-6

Tgt Ion: 84 Resp: 70

Ion	Ratio	Lower	Upper
84	100		
49	0.0	116.6	175.0#
51	0.0	37.7	56.5#
86	0.0	49.8	74.8#

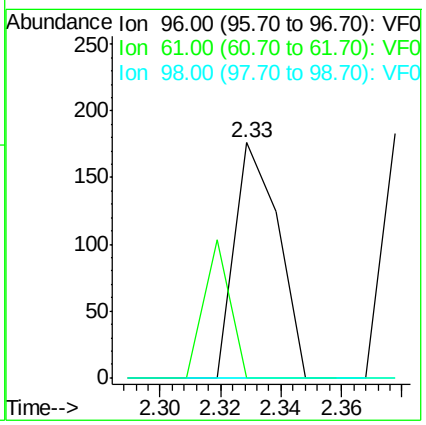


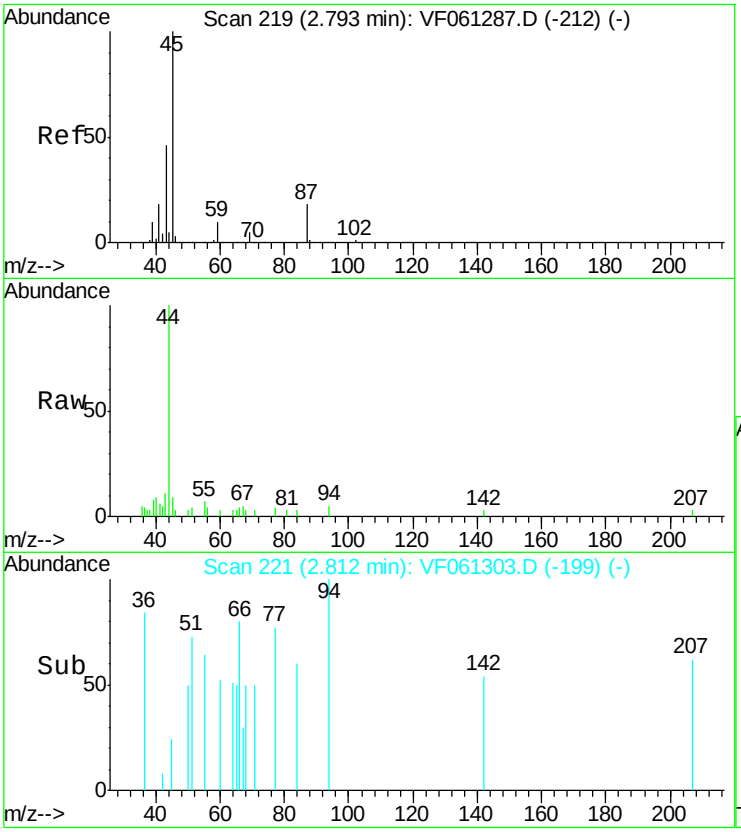


#21
trans-1,2-Dichloroethene
Concen: 257.824 ug/l
RT: 2.33 min Scan# 172
Delta R.T. 0.02 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 96 Resp: 178

Ion	Ratio	Lower	Upper
96	100		
61	0.0	127.0	190.4#
98	0.0	51.7	77.5#



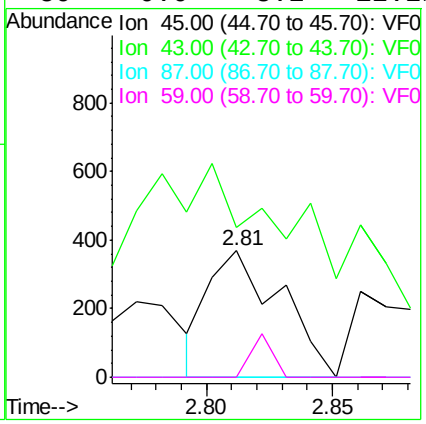


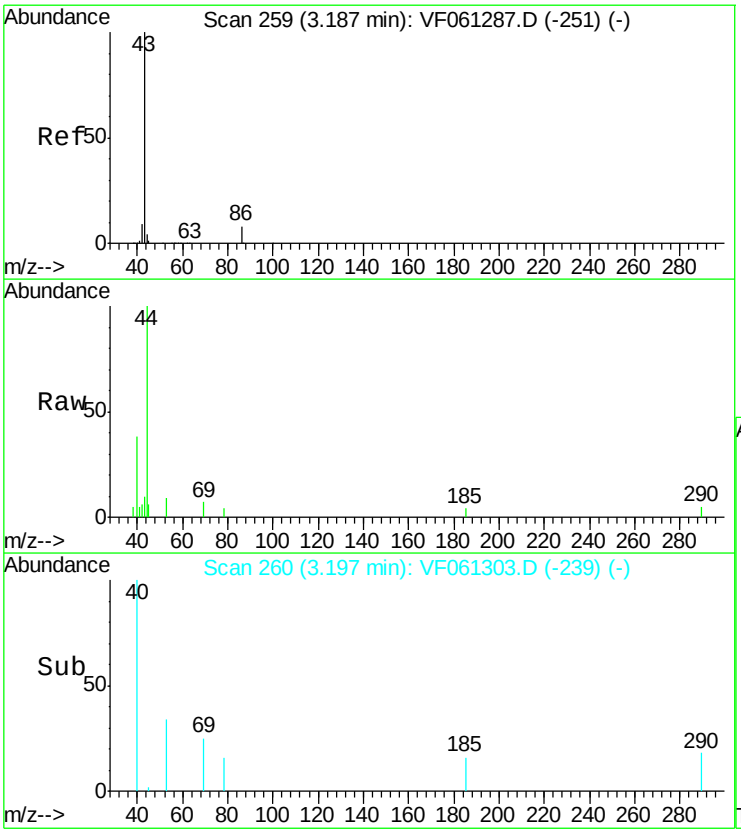
#22
Diisopropyl ether
Concen: 319.886 ug/l
RT: 2.81 min Scan# 221
Delta R.T. 0.02 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Instrument : MSVOA_F
ClientSampleId : SP-1-6

Tgt Ion: 45 Resp: 737

Ion	Ratio	Lower	Upper
45	100		
43	119.0	37.4	56.2#
87	0.0	14.2	21.2#
59	0.0	8.2	12.2#

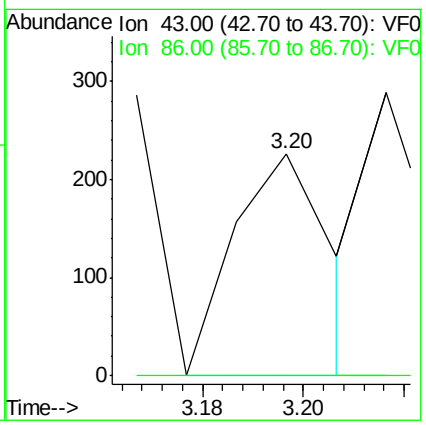


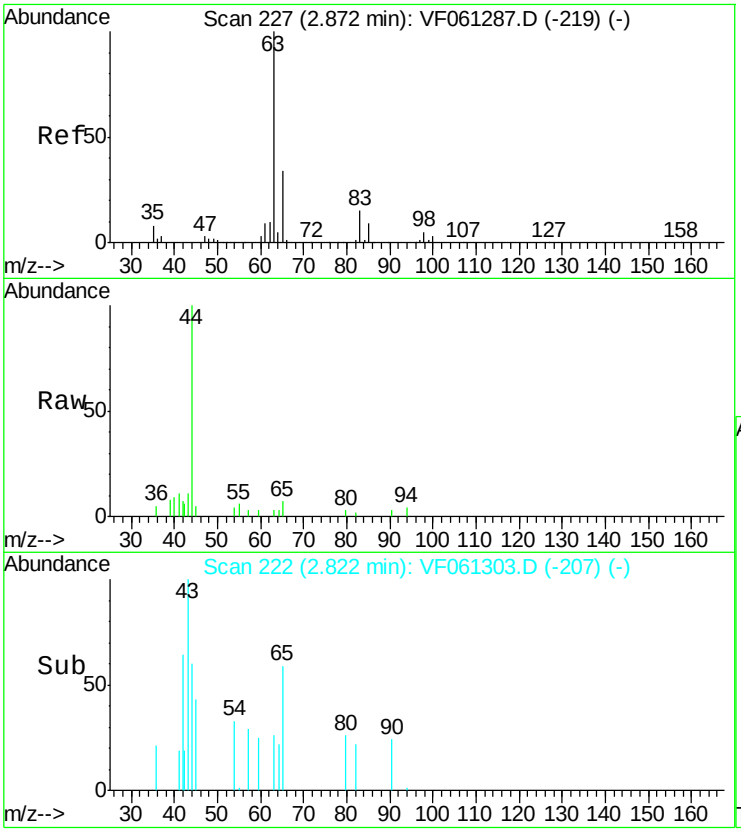


#23
Vinyl Acetate
Concen: 443.765 ug/l
RT: 3.20 min Scan# 260
Delta R.T. 0.01 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 43 Resp: 299

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.5	9.7#



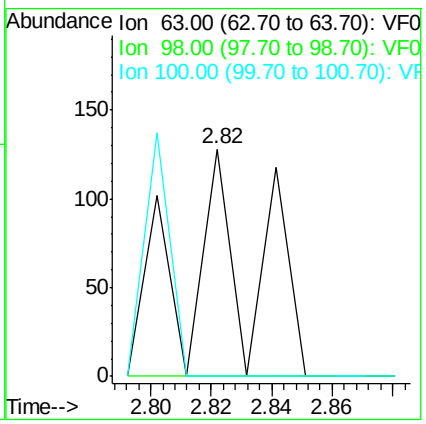


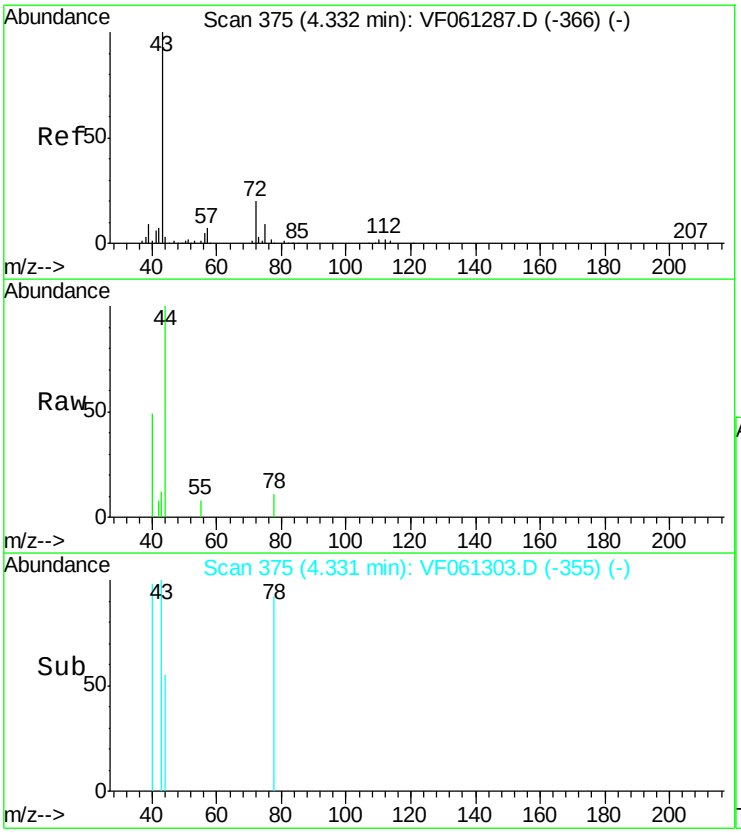
#24
1,1-Dichloroethane
Concen: 109.549 ug/l
RT: 2.82 min Scan# 222
Delta R.T. -0.05 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Instrument :
MSVOA_F
ClientSampleId :
SP-1-6

Tgt Ion: 63 Resp: 146

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.5	7.6#
100	0.0	1.7	5.0#

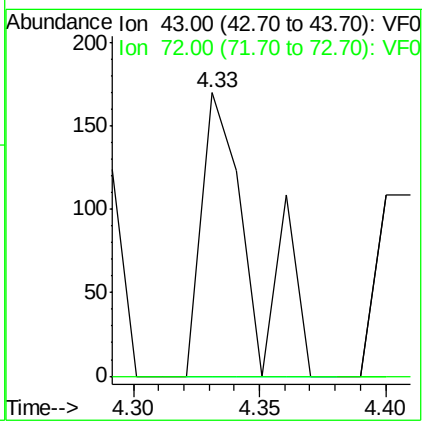


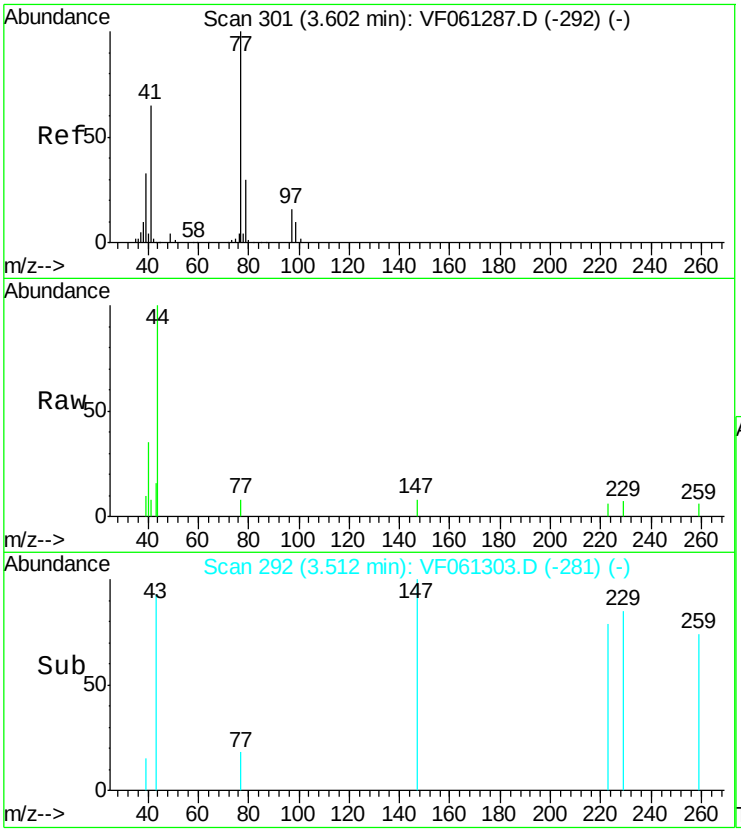


#25
2-Butanone
Concen: 921.135 ug/l
RT: 4.33 min Scan# 375
Delta R.T. -0.00 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 43 Resp: 238

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.5	24.7#



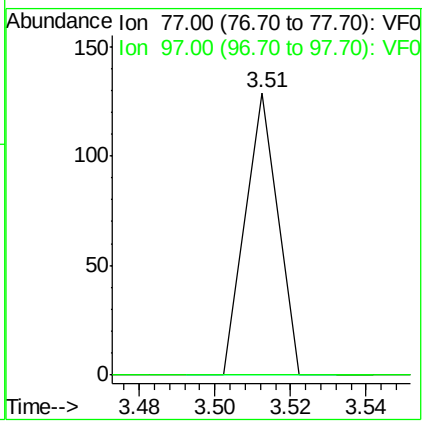


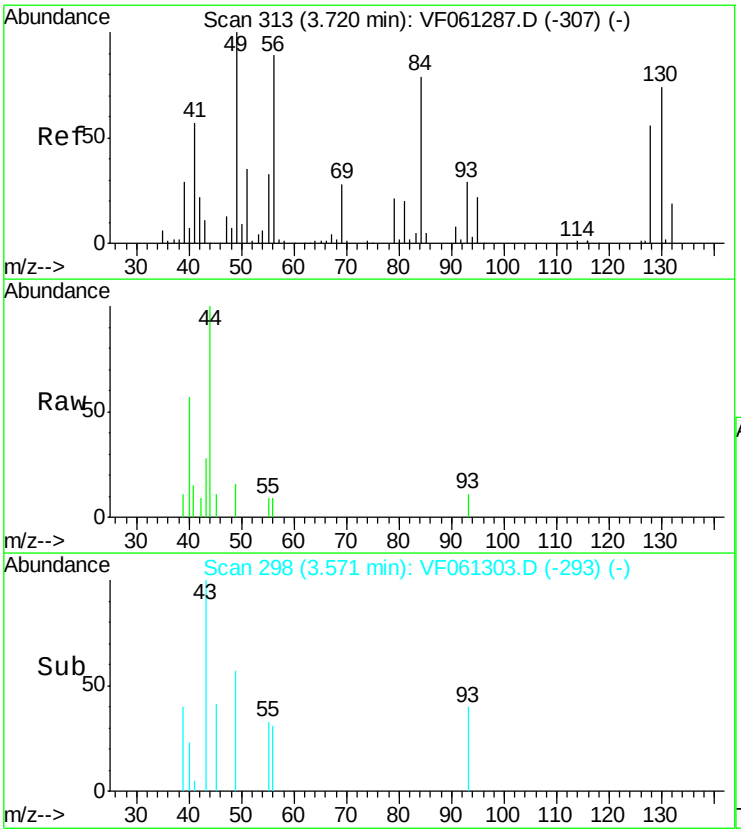
#26
2,2-Dichloropropane
Concen: 85.337 ug/l
RT: 3.51 min Scan# 292
Delta R.T. -0.09 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Instrument :
MSVOA_F
ClientSampleId :
SP-1-6

Tgt Ion: 77 Resp: 76

Ion	Ratio	Lower	Upper
77	100		
97	0.0	8.6	25.9#

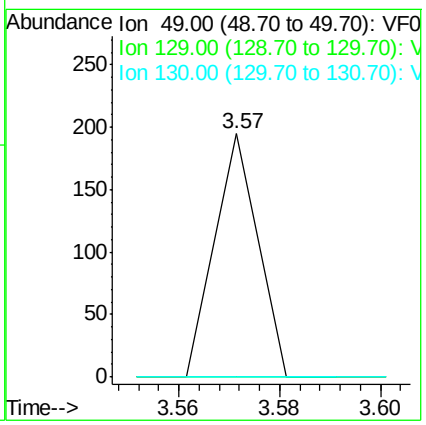


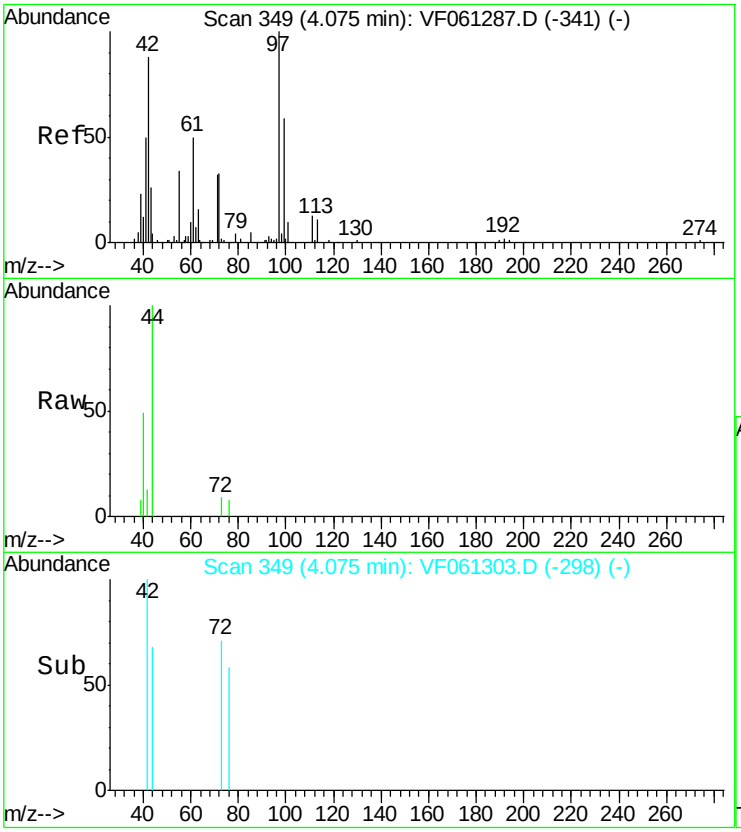


#28
Bromochloromethane
Concen: 195.708 ug/l
RT: 3.57 min Scan# 298
Delta R.T. -0.15 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 49 Resp: 115

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	0.0	58.6	88.0#



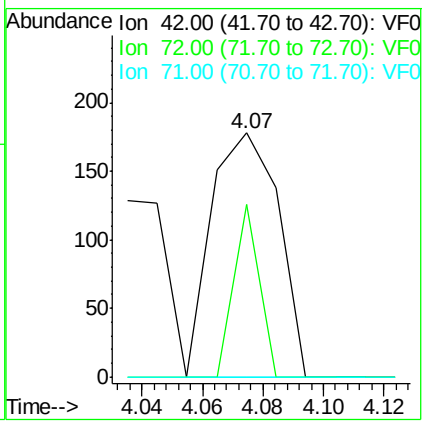


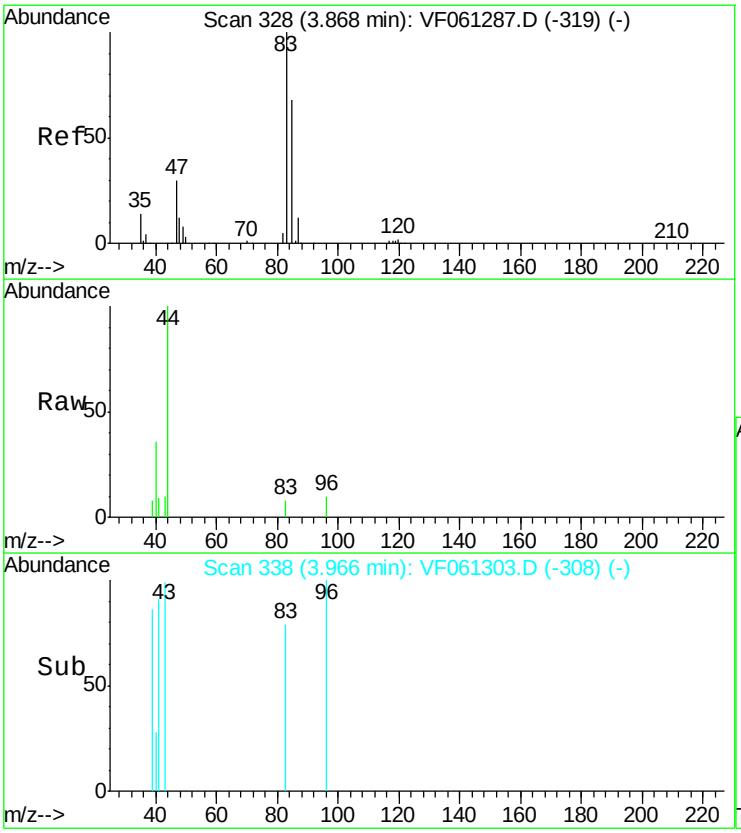
#29
Tetrahydrofuran
Concen: 2554.854 ug/l
RT: 4.07 min Scan# 349
Delta R.T. -0.00 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Instrument :
MSVOA_F
ClientSampleId :
SP-1-6

Tgt Ion: 42 Resp: 276

Ion	Ratio	Lower	Upper
42	100		
72	27.2	32.3	48.5#
71	0.0	29.5	44.3#

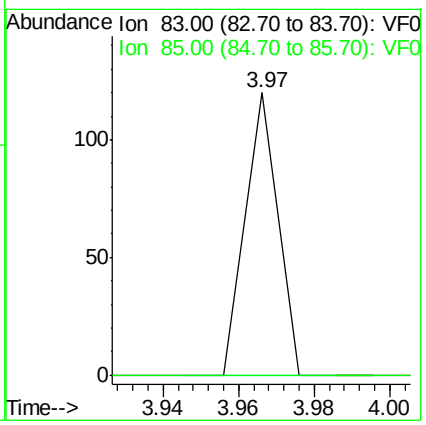


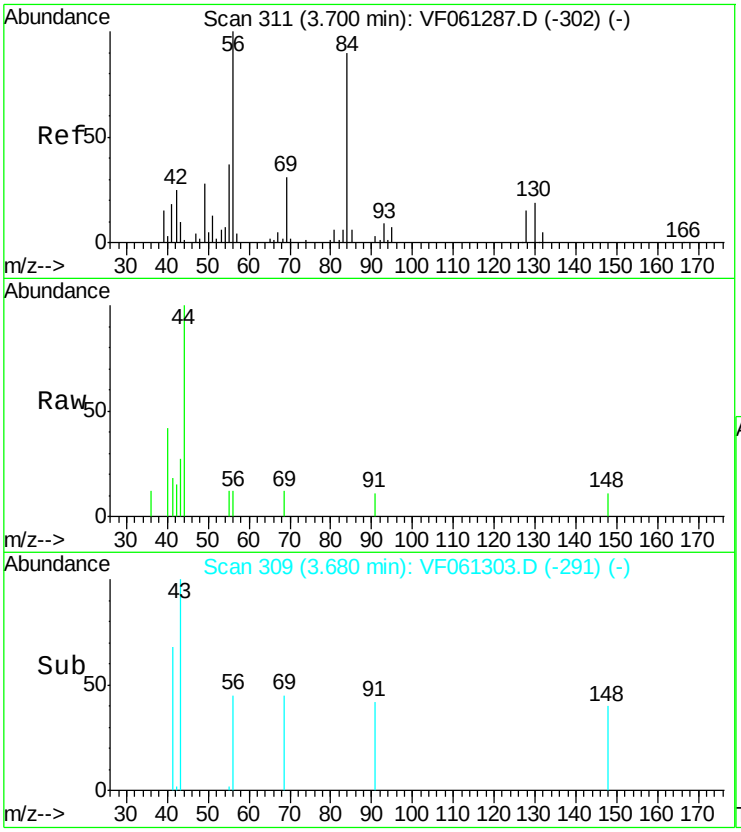


#30
Chloroform
Concen: 41.967 ug/l
RT: 3.97 min Scan# 338
Delta R.T. 0.10 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 83 Resp: 71

Ion	Ratio	Lower	Upper
83	100		
85	0.0	54.4	81.6#



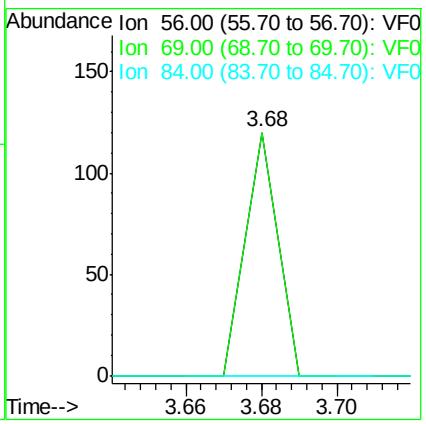


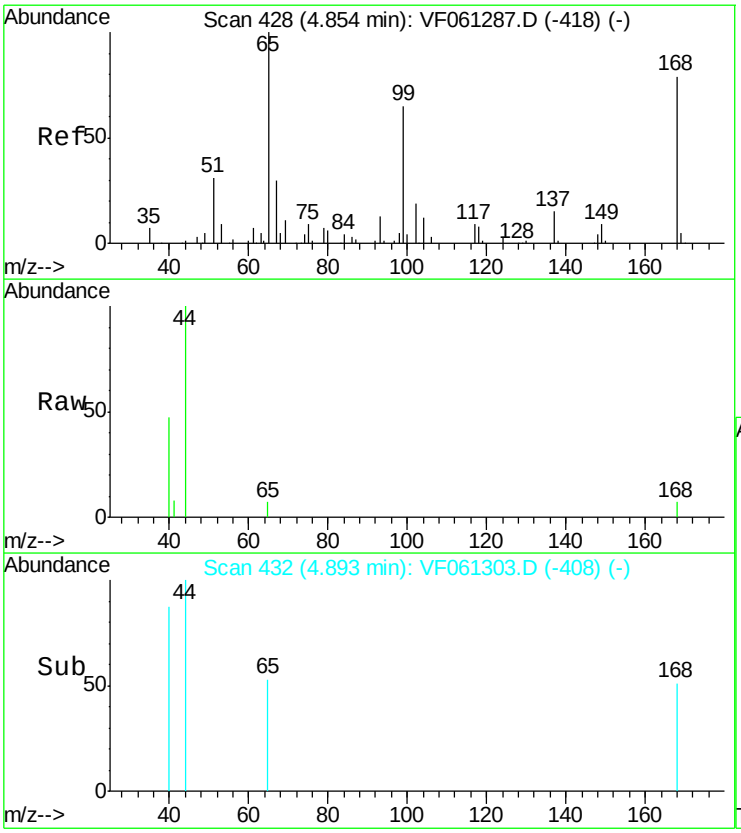
#31
Cyclohexane
Concen: 50.781 ug/l
RT: 3.68 min Scan# 309
Delta R.T. -0.02 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Instrument : MSVOA_F
ClientSampleId : SP-1-6

Tgt Ion: 56 Resp: 71

Ion	Ratio	Lower	Upper
56	100		
69	100.0	24.7	37.1#
84	0.0	72.2	108.4#

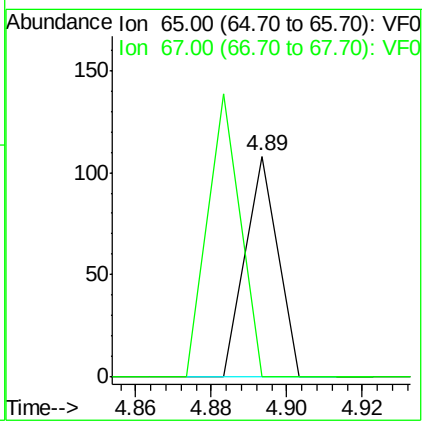


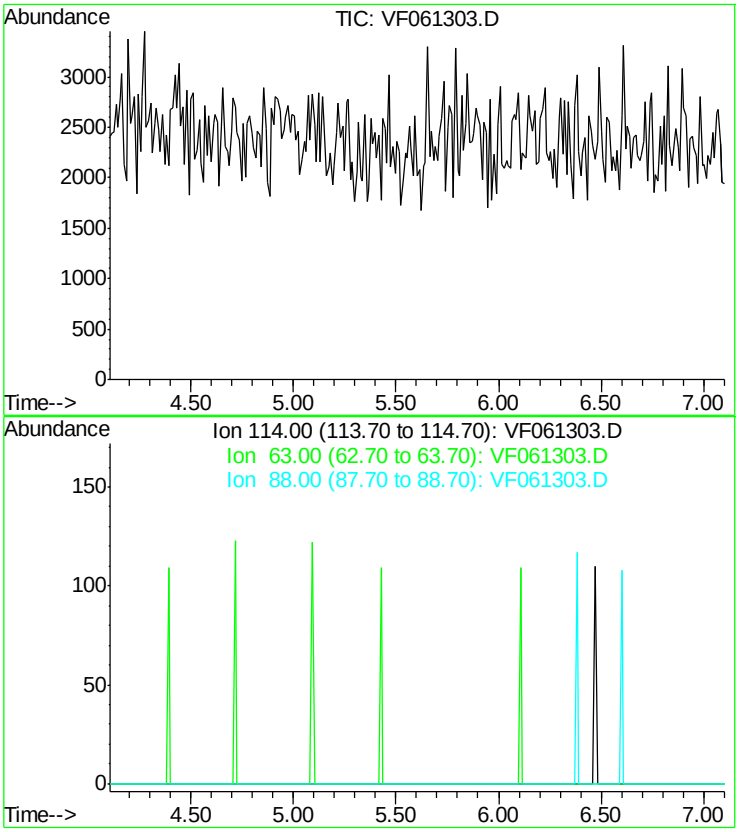


#33
1,2-Dichloroethane-d4
Concen: 92.741 ug/l
RT: 4.89 min Scan# 432
Delta R.T. 0.04 min
Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 65 Resp: 64

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	98.2





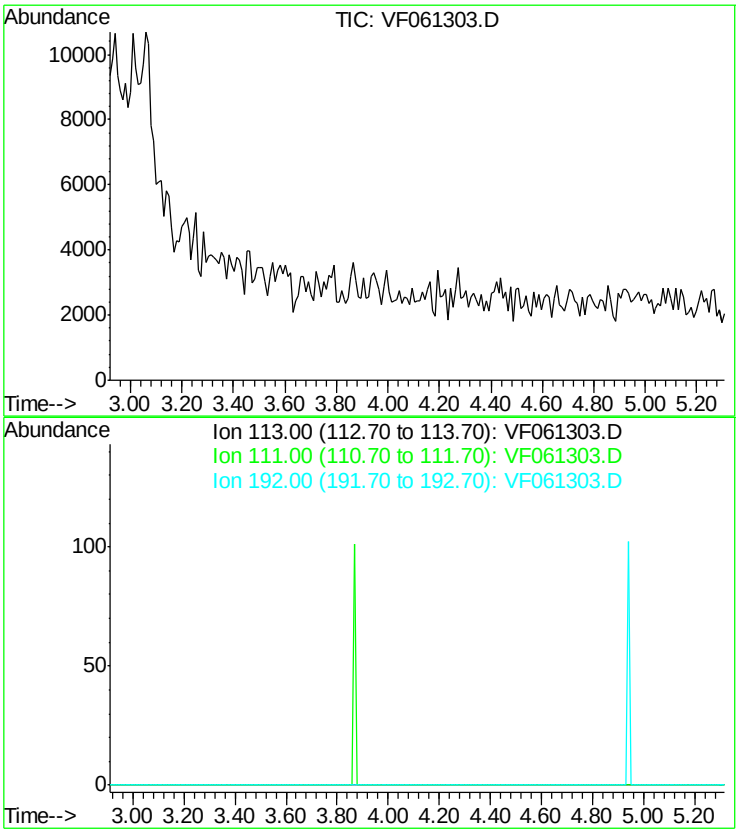
#34
1,4-Difluorobenzene
Concen: 0.000 ug/l
Expected RT: 5.60 min

Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 114

Sig	Exp Ratio
114	100
63	21.4
88	20.0

Instrument :
MSVOA_F
ClientSampleId :
SP-1-6

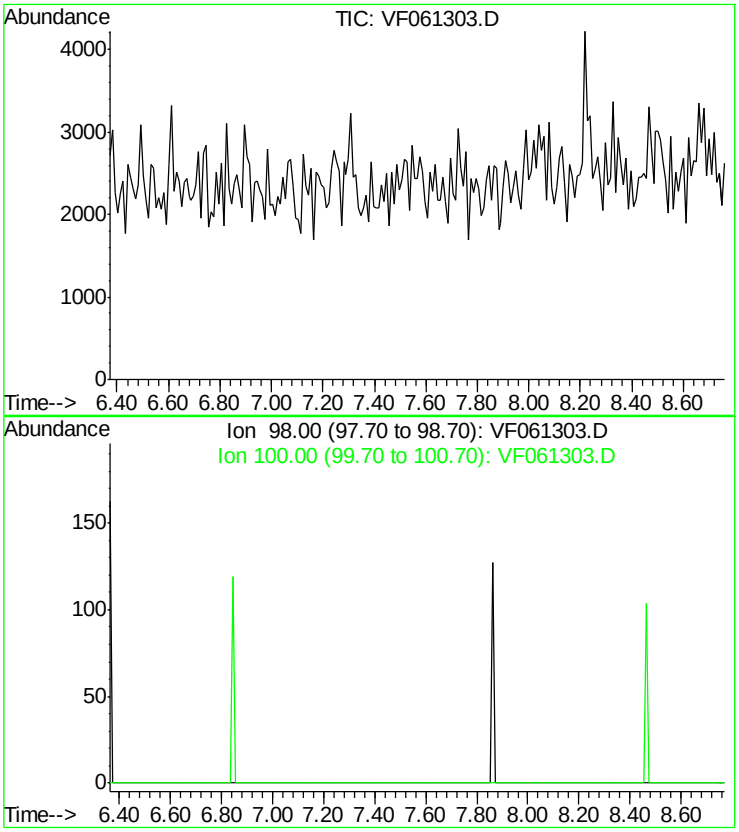


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 4.11 min

Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	97.5
192	13.3



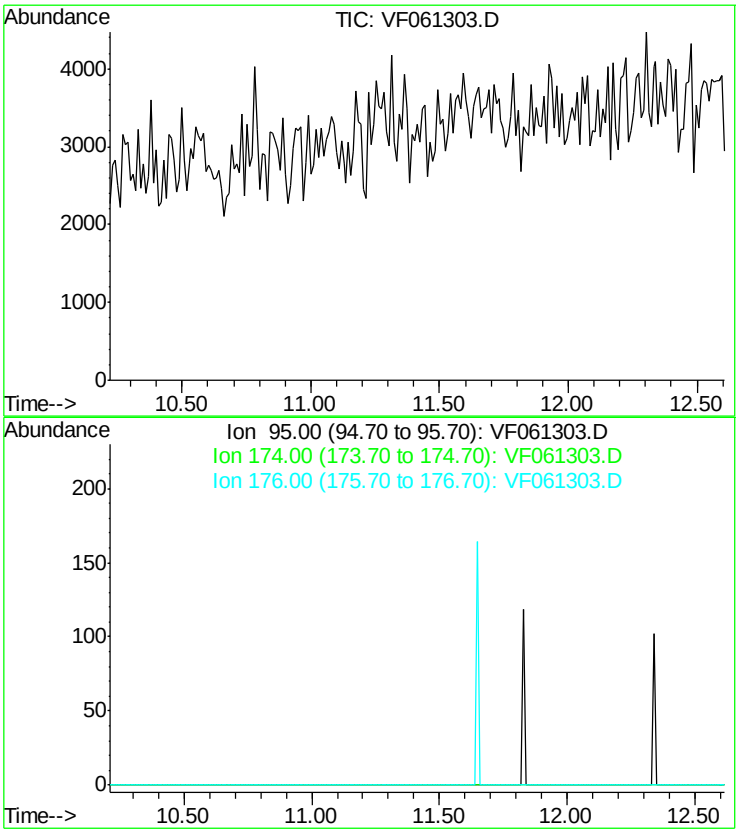
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 7.57 min

Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	69.5

Instrument :
MSVOA_F
ClientSampleId :
SP-1-6

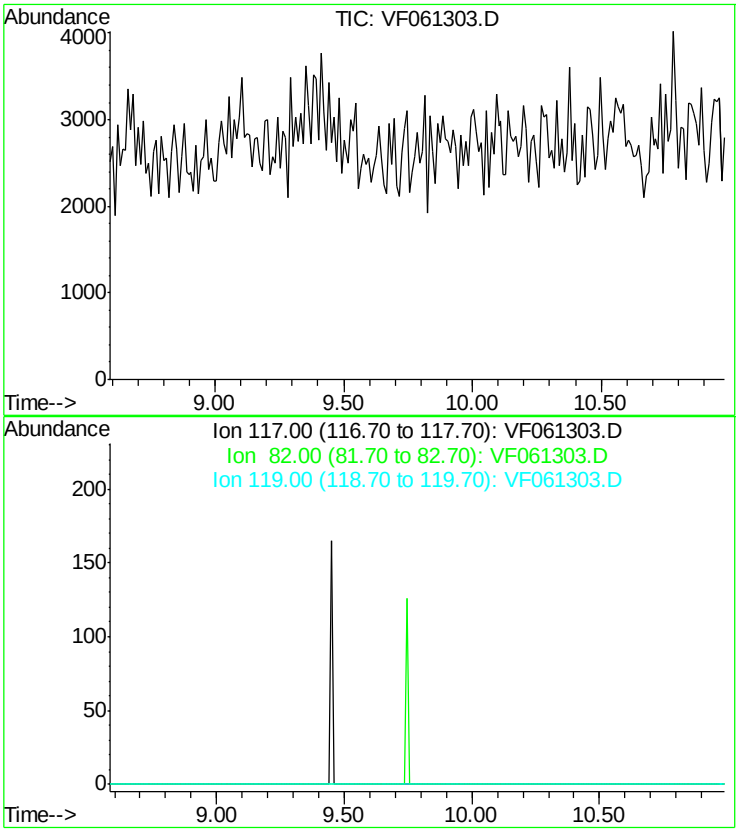


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.41 min

Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	57.1
176	58.9



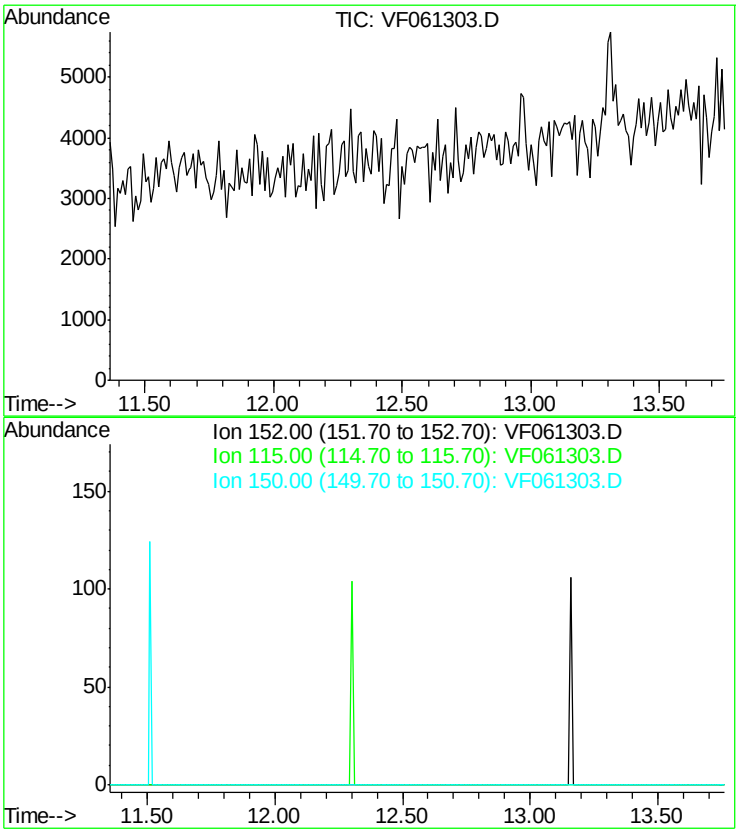
#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 9.79 min

Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	56.6
119	31.7

Instrument :
MSVOA_F
ClientSampleId :
SP-1-6



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 12.56 min

Lab File: VF061303.D
Acq: 9 Jan 2019 16:11

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	59.3
150	157.7