Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021119\
Data File : VF061582.D
Acq On : 11 Feb 2019 13:10
Operator : VA/AP
Sample : VF0211SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Feb 12 03:24:54 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	4.85	168	182137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.57	114	315124	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	290281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	153921	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	118294	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.22%			
35) Dibromofluoromethane	4.09	113	131063	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.42%			
50) Toluene-d8	7.54	98	337197	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.98%			
62) 4-Bromofluorobenzene	11.39	95	168152	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.66%			
Target Compounds						Qvalue
13) Acrolein	2.00	56	790	19.574	ug/l	94
14) Allyl chloride	2.07	41	466	Below Cal	#	58
15) Acrylonitrile	2.93	53	674	2.764	ug/l #	12
16) Acetone	2.22	43	1921	4.258	ug/l	92
18) Methyl Acetate	2.37	43	8089	9.042	ug/l #	61
20) Methylene Chloride	2.17	84	2082	Below Cal	#	67
23) Vinyl Acetate	3.17	43	342	3.327	ug/l #	78
25) 2-Butanone	4.32	43	968	1.290	ug/l #	64
29) Tetrahydrofuran	4.04	42	517	1.600	ug/l #	38
51) 4-Methyl-2-Pentanone	8.25	43	2590	1.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.29	63	62	27.815	ug/l #	47
59) 2-Hexanone	9.48	43	4458	4.744	ug/l	96
74) N-amyl acetate	11.36	43	4114	1.390	ug/l #	78
95) Naphthalene	14.44	128	7361	1.118	ug/l #	96

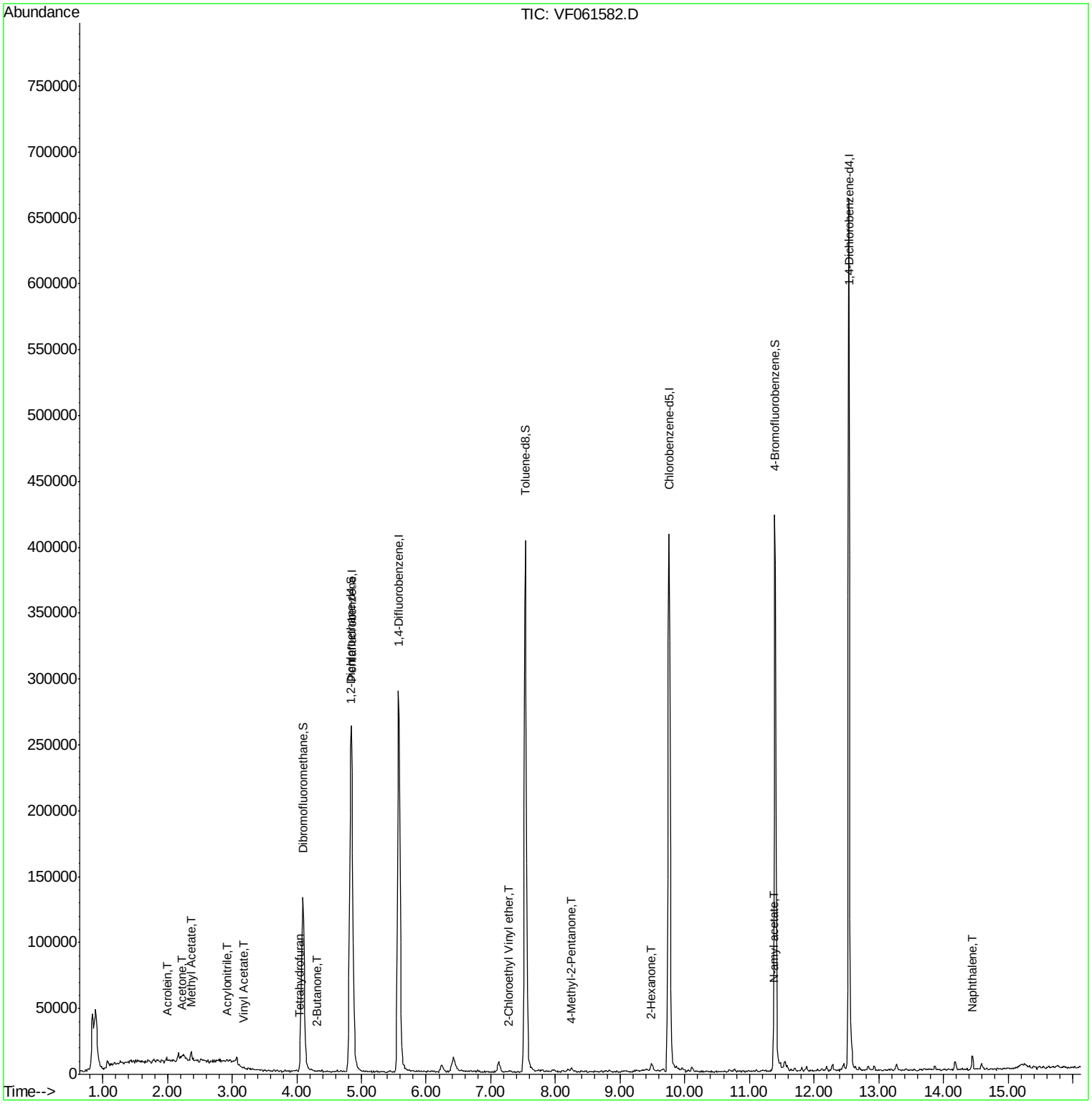
(#) = qualifier out of range (m) = manual integration (+) = signals summed

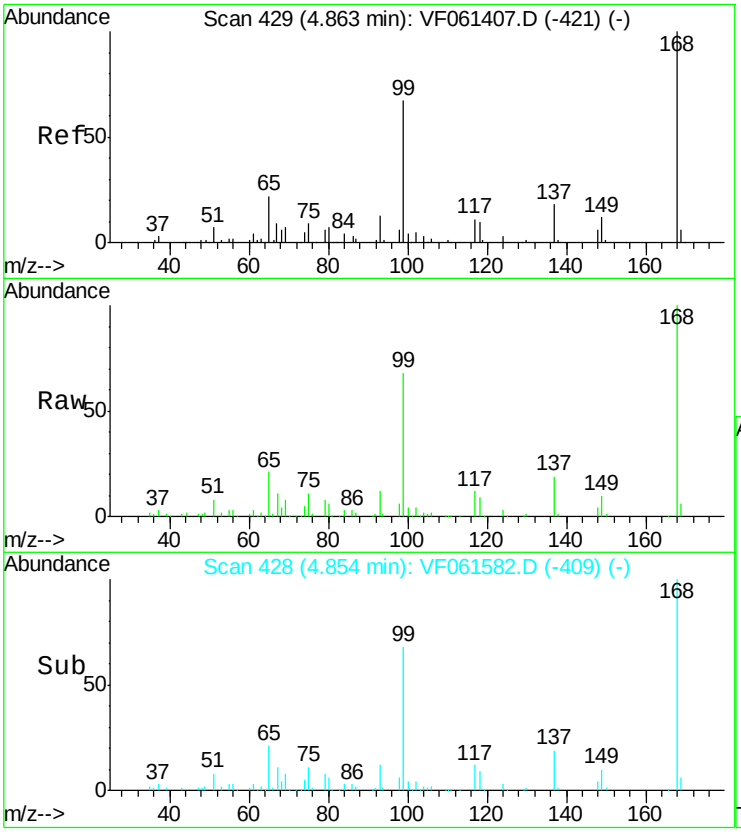
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021119\
Data File : VF061582.D
Acq On : 11 Feb 2019 13:10
Operator : VA/AP
Sample : VF0211SBL01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Feb 12 03:24:54 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



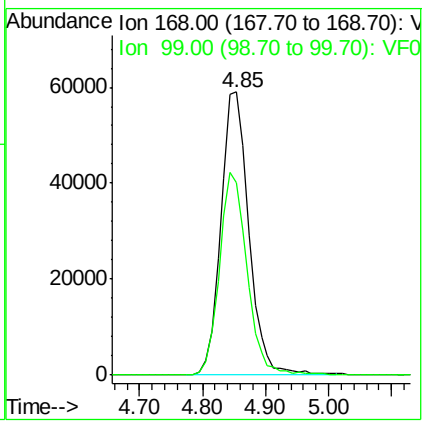


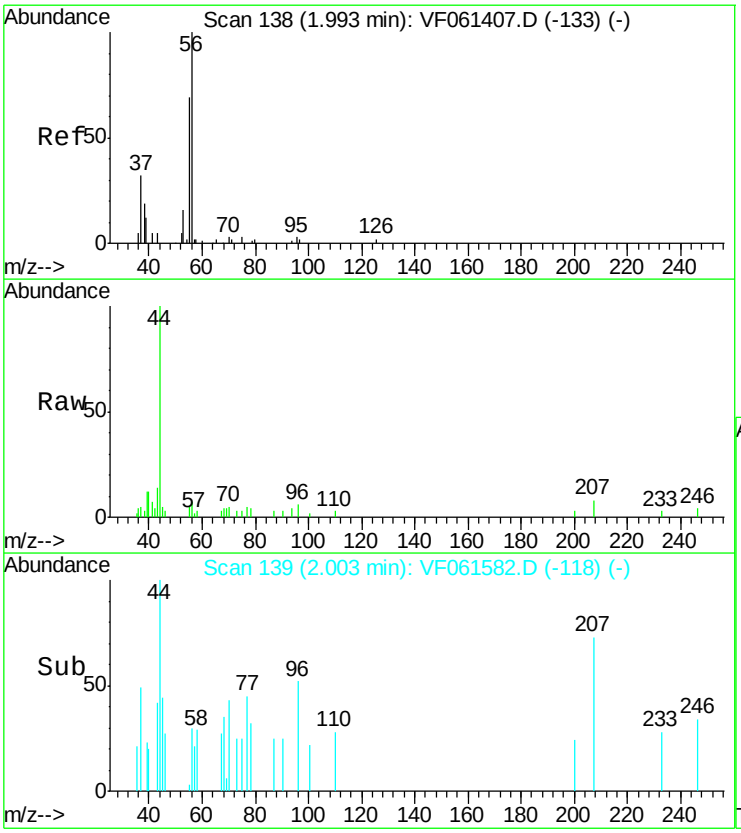
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 182137

Ion	Ratio	Lower	Upper
168	100		
99	68.0	53.5	80.3

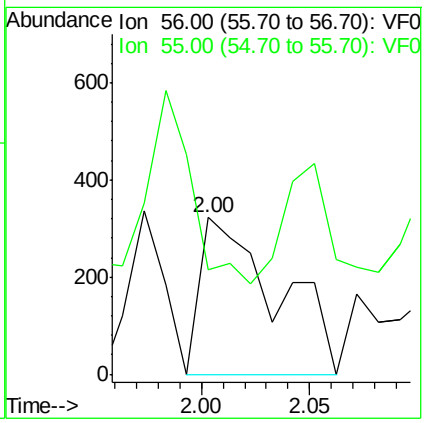


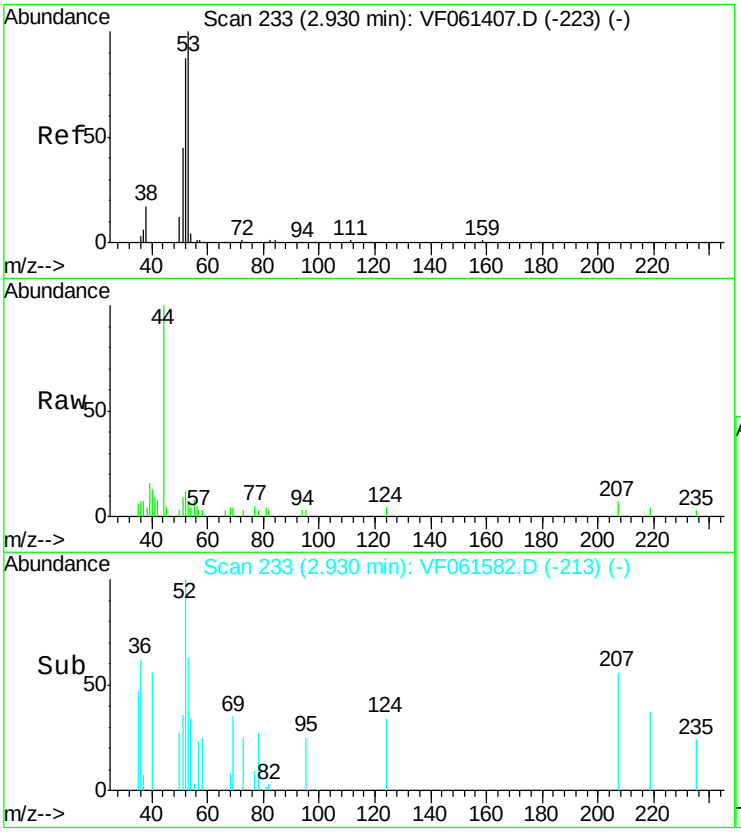


#13
Acrolein
Concen: 19.574 ug/l
RT: 2.00 min Scan# 139
Delta R.T. 0.01 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Tgt Ion: 56 Resp: 790

Ion	Ratio	Lower	Upper
56	100		
55	67.1	57.5	86.3



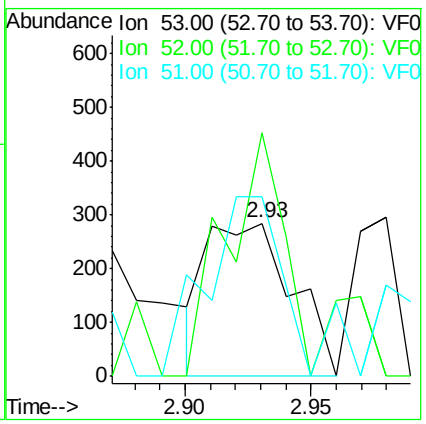


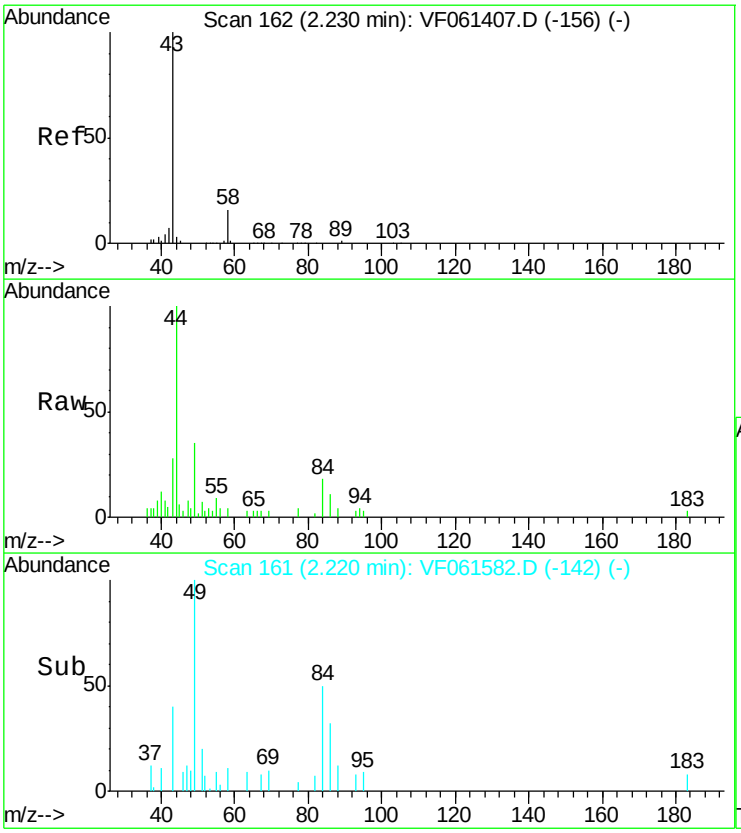
#15
Acrylonitrile
Concen: 2.764 ug/l
RT: 2.93 min Scan# 233
Delta R.T. 0.00 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 674

Ion	Ratio	Lower	Upper
53	100		
52	158.9	69.6	104.4#
51	116.8	36.8	55.2#

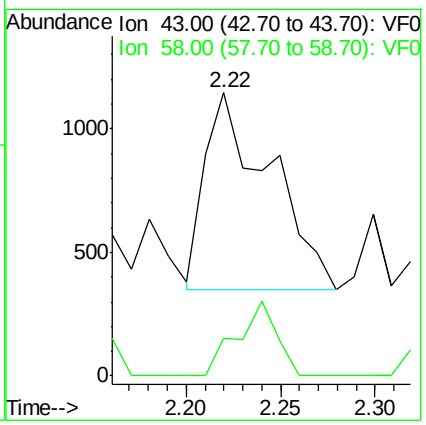


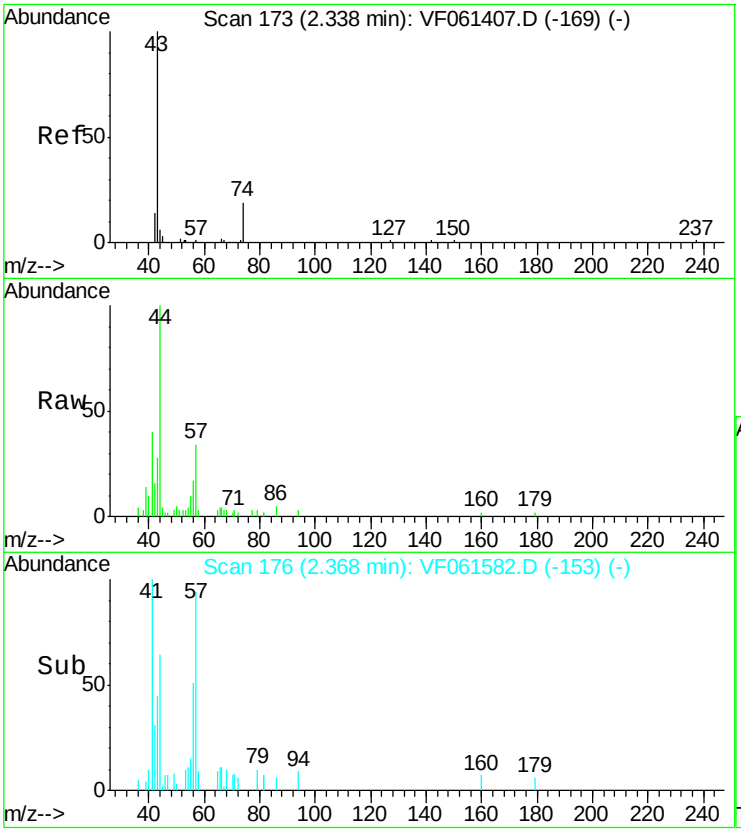


#16
Acetone
Concen: 4.258 ug/l
RT: 2.22 min Scan# 161
Delta R.T. -0.01 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Tgt Ion: 43 Resp: 1921

Ion	Ratio	Lower	Upper
43	100		
58	13.4	13.3	19.9



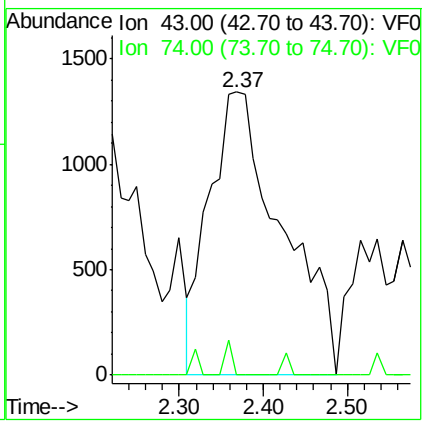


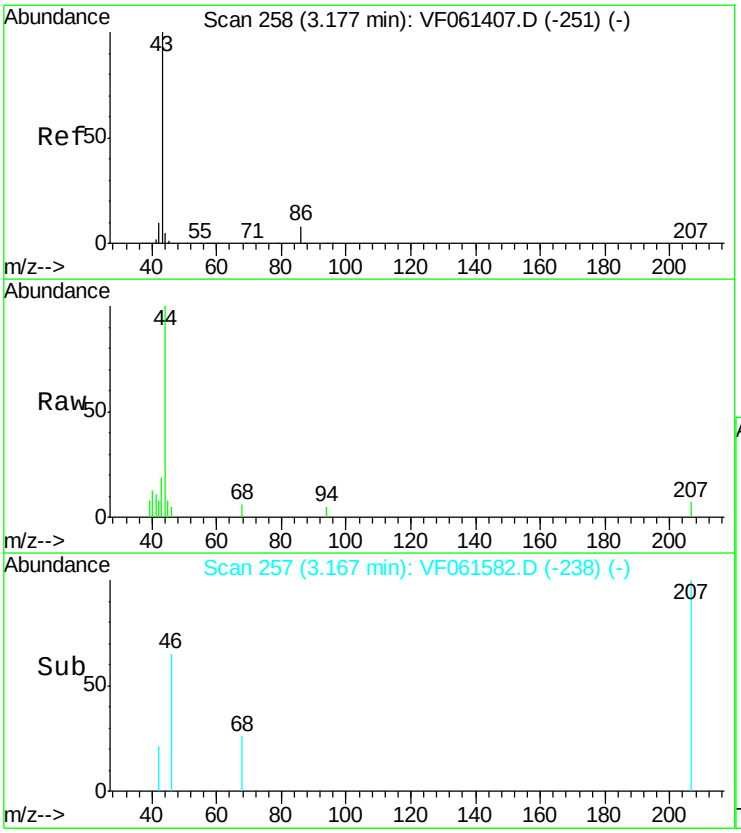
#18
Methyl Acetate
Concen: 9.042 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.03 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 8089

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#

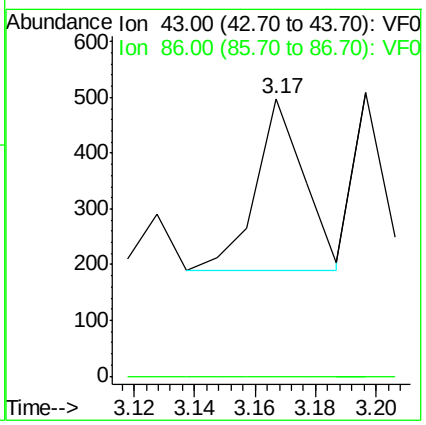


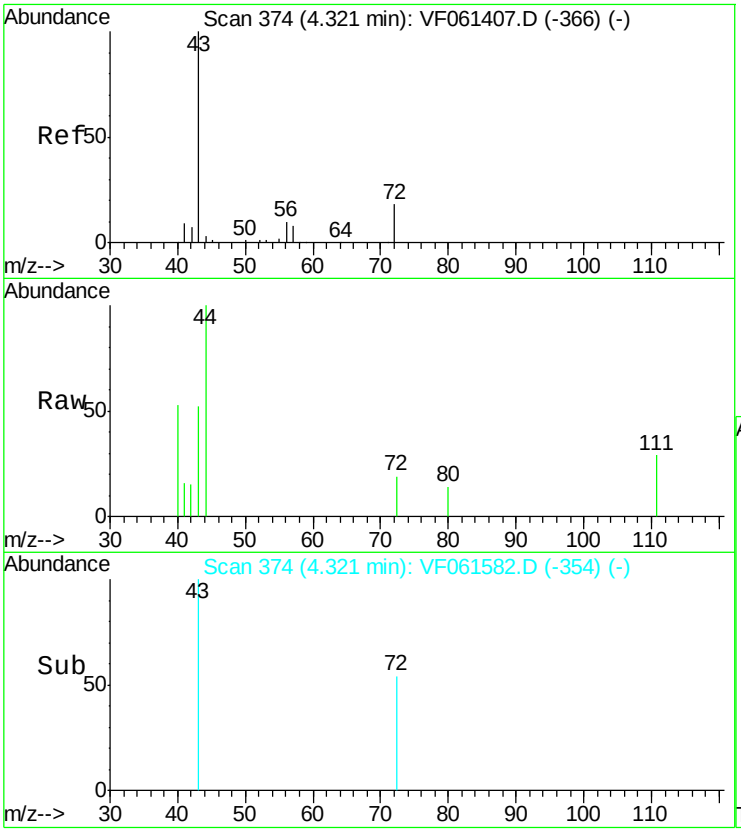


#23
Vinyl Acetate
Concen: 3.327 ug/l
RT: 3.17 min Scan# 257
Delta R.T. -0.01 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Tgt Ion: 43 Resp: 342

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#



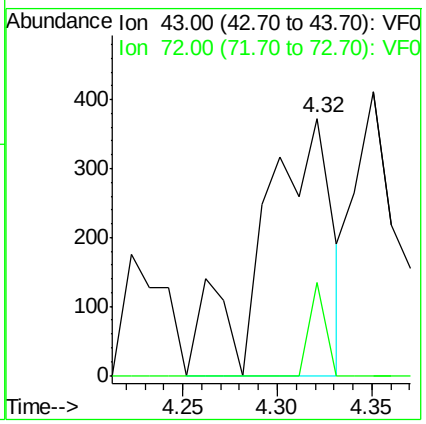


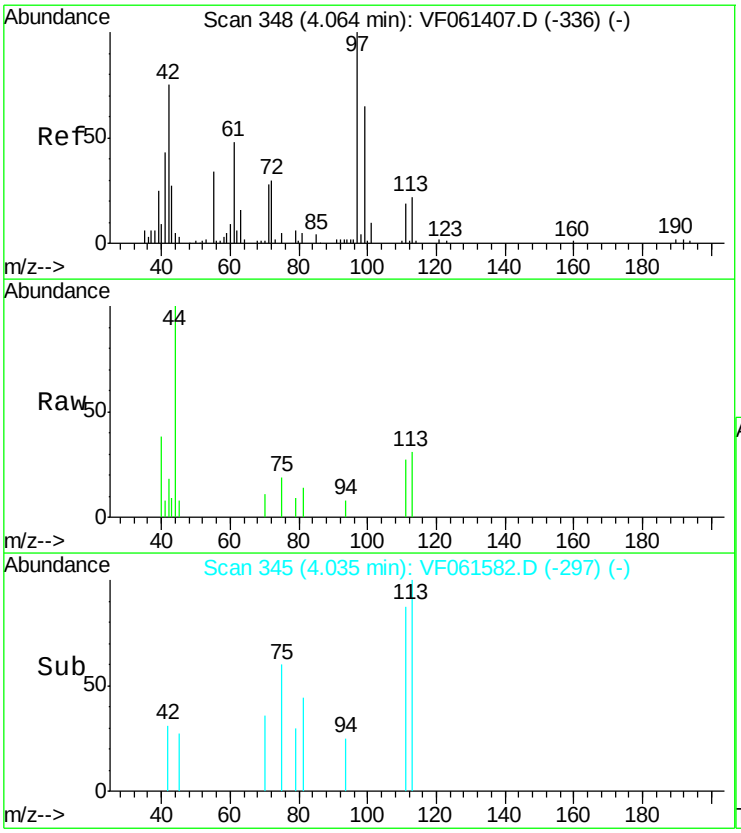
#25
2-Butanone
Concen: 1.290 ug/l
RT: 4.32 min Scan# 374
Delta R.T. 0.00 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 968

Ion	Ratio	Lower	Upper
43	100		
72	36.2	15.8	23.6#

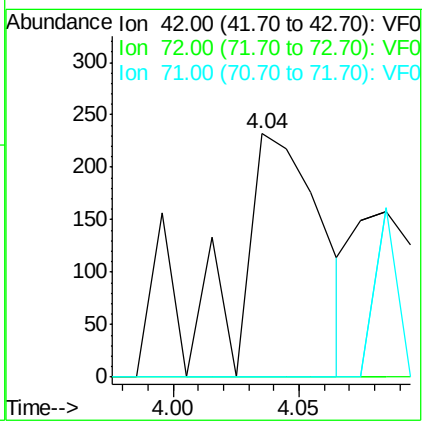


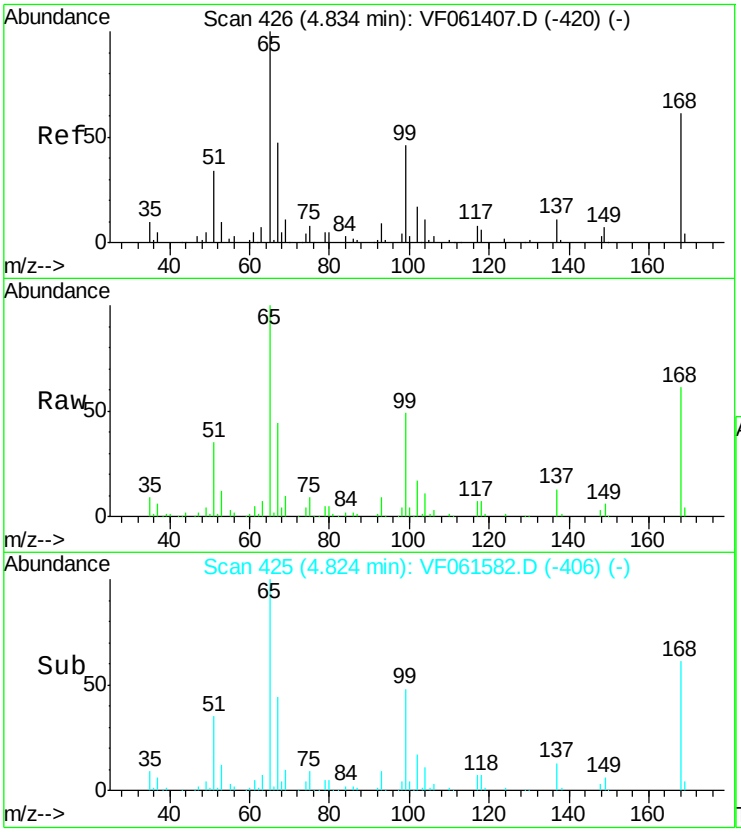


#29
Tetrahydrofuran
Concen: 1.600 ug/l
RT: 4.04 min Scan# 345
Delta R.T. -0.03 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Tgt Ion: 42 Resp: 517

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



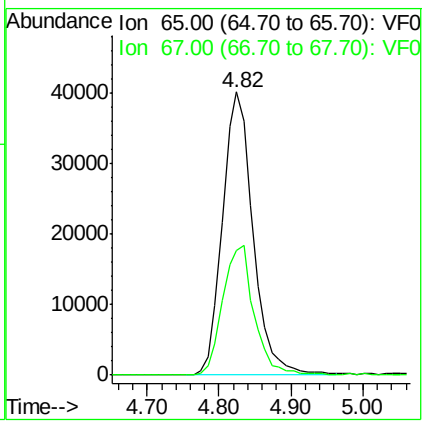


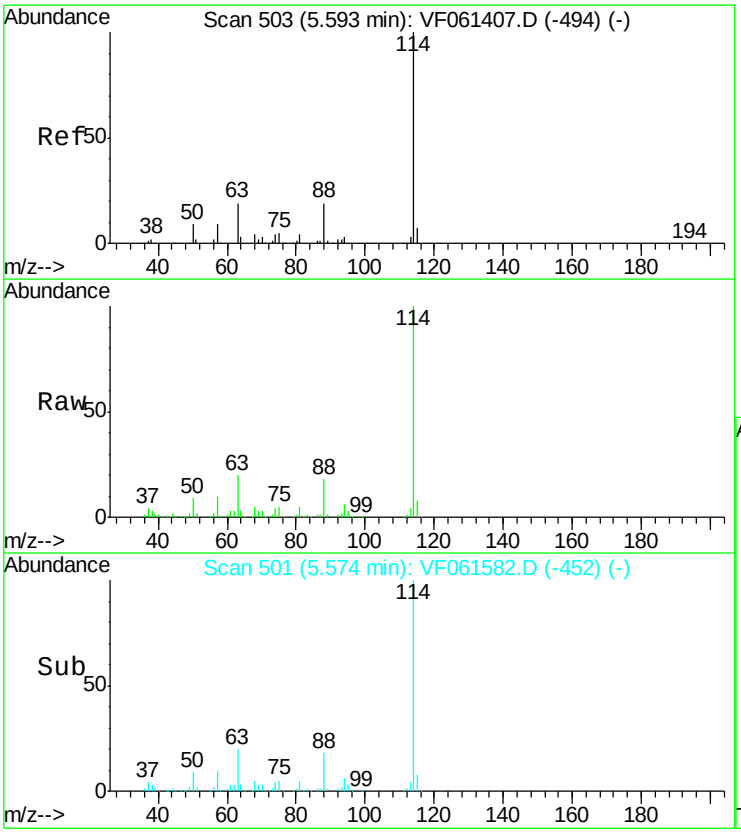
#33
1,2-Dichloroethane-d4
Concen: 52.605 ug/l
RT: 4.82 min Scan# 425
Delta R.T. -0.01 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 118294

Ion	Ratio	Lower	Upper
65	100		
67	44.1	0.0	99.8

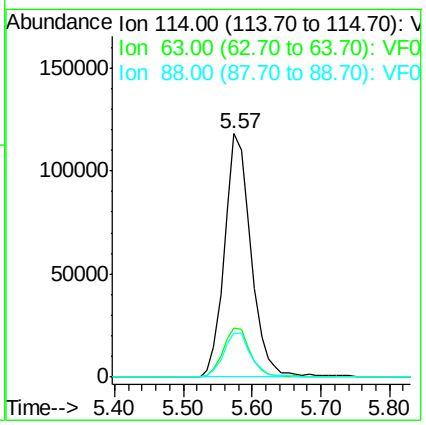


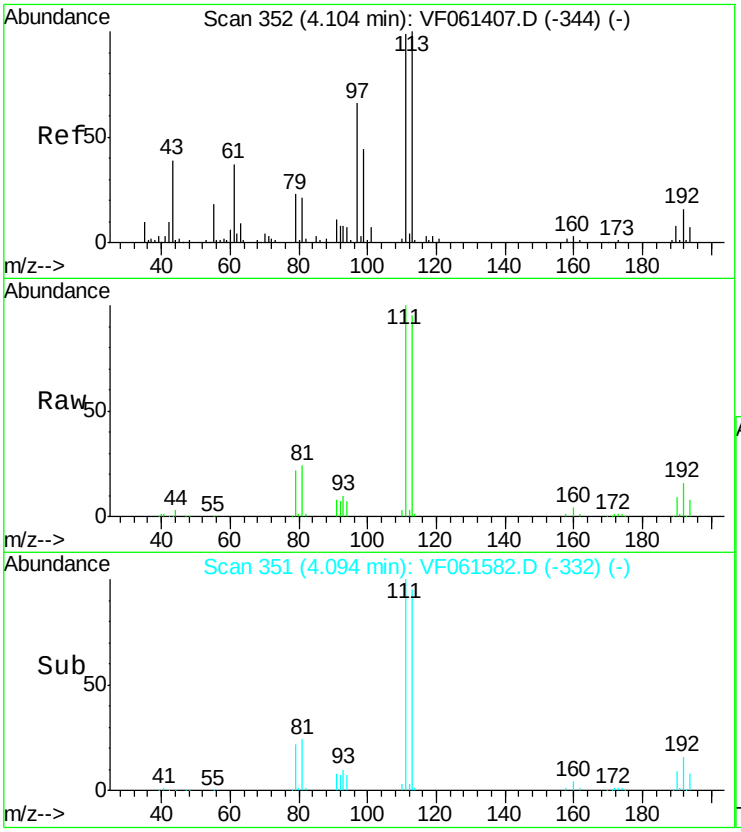


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.02 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Tgt Ion:114 Resp: 315124

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	18.1	0.0	37.4



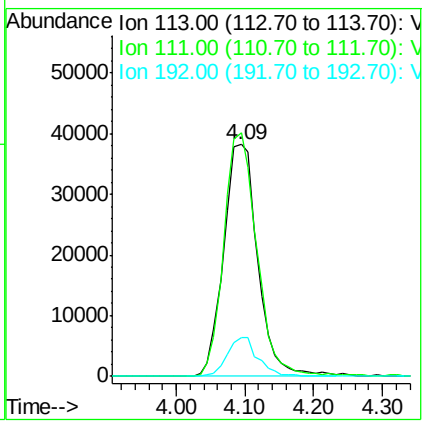


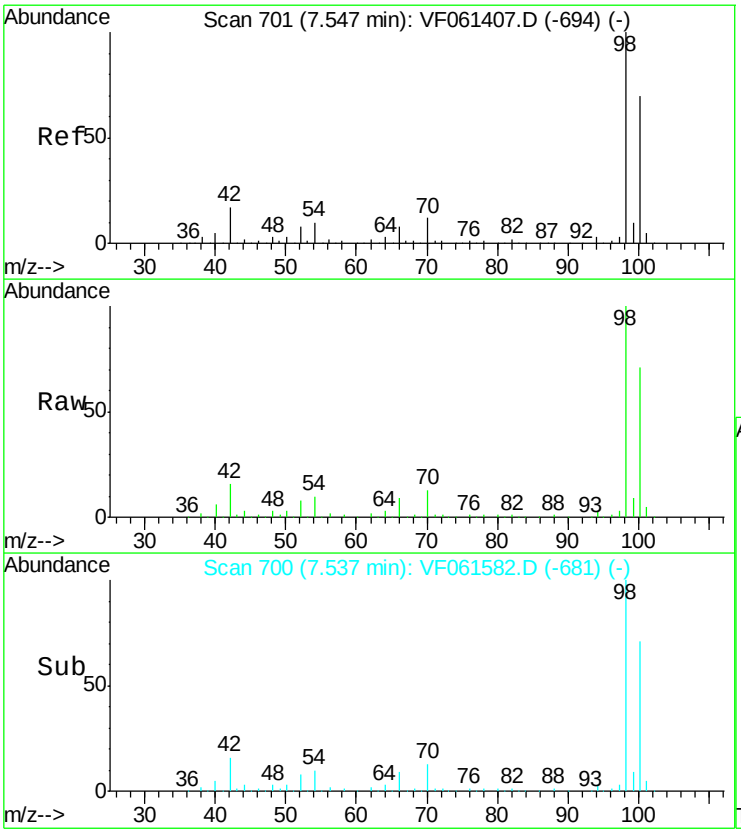
#35
Dibromofluoromethane
Concen: 52.708 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.01 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 131063

Ion	Ratio	Lower	Upper
113	100		
111	105.0	79.4	119.0
192	17.2	12.4	18.6

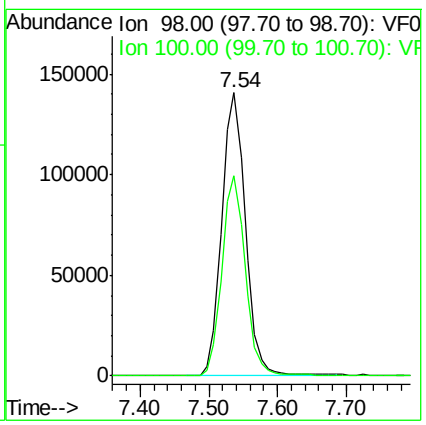


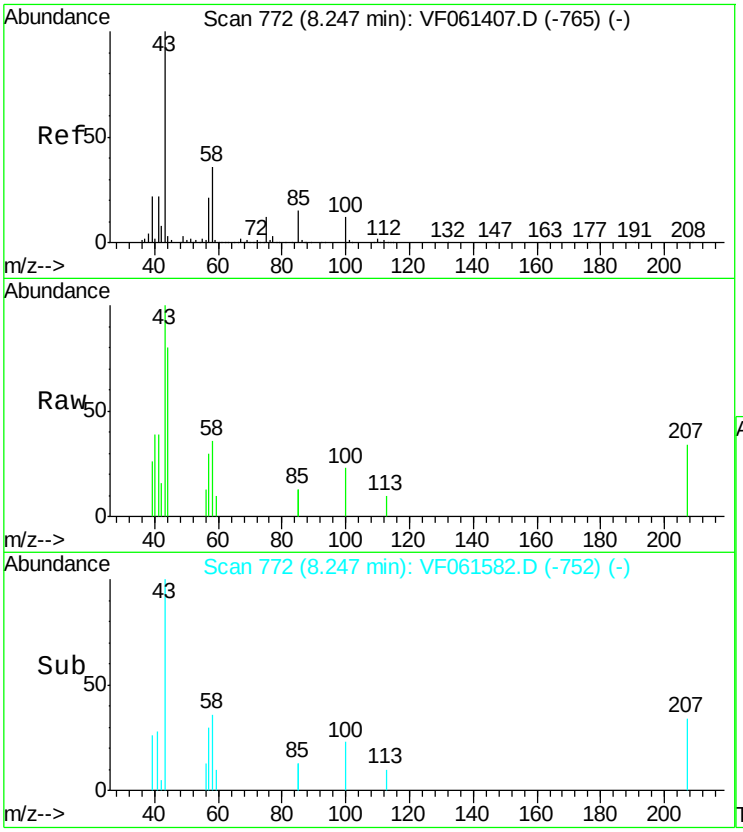


#50
Toluene-d8
Concen: 49.494 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.01 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Tgt Ion: 98 Resp: 337197

Ion	Ratio	Lower	Upper
98	100		
100	70.8	55.6	83.4



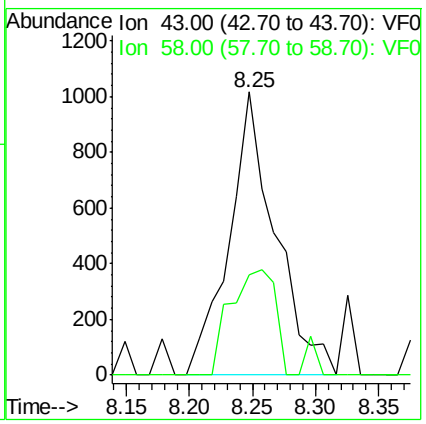


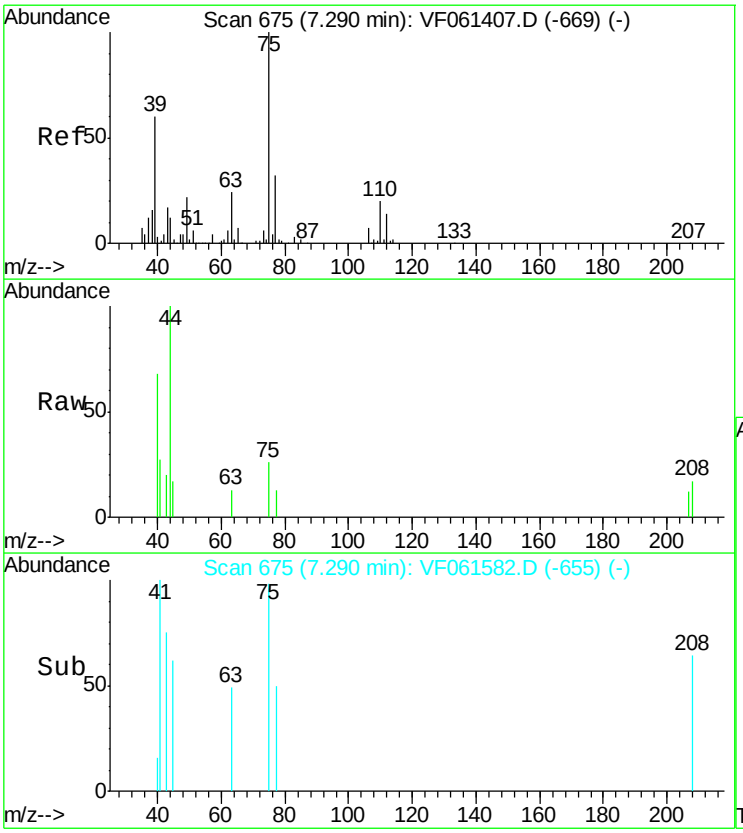
#51
4-Methyl-2-Pentanone
Concen: 1.922 ug/l
RT: 8.25 min Scan# 772
Delta R.T. 0.00 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2590

Ion	Ratio	Lower	Upper
43	100		
58	35.6	28.8	43.2

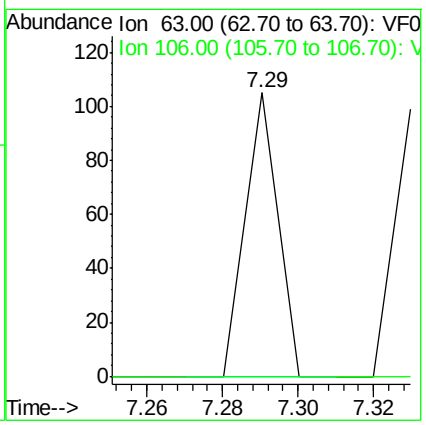


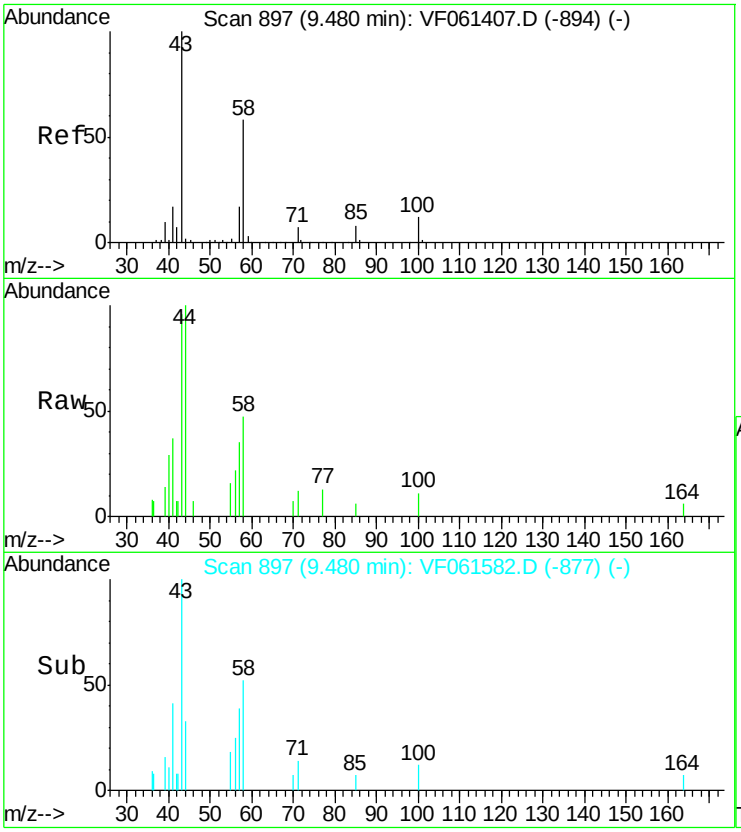


#58
2-Chloroethyl Vinyl ether
Concen: 27.815 ug/l
RT: 7.29 min Scan# 675
Delta R.T. 0.00 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Tgt Ion: 63 Resp: 62

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.9	32.9#



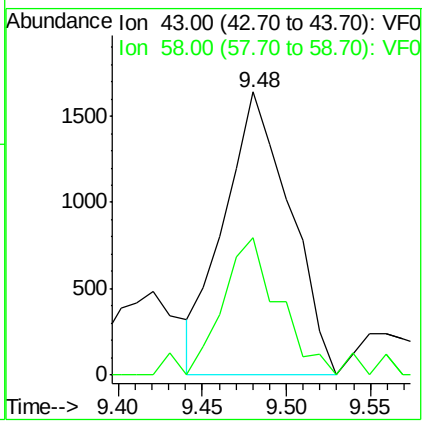


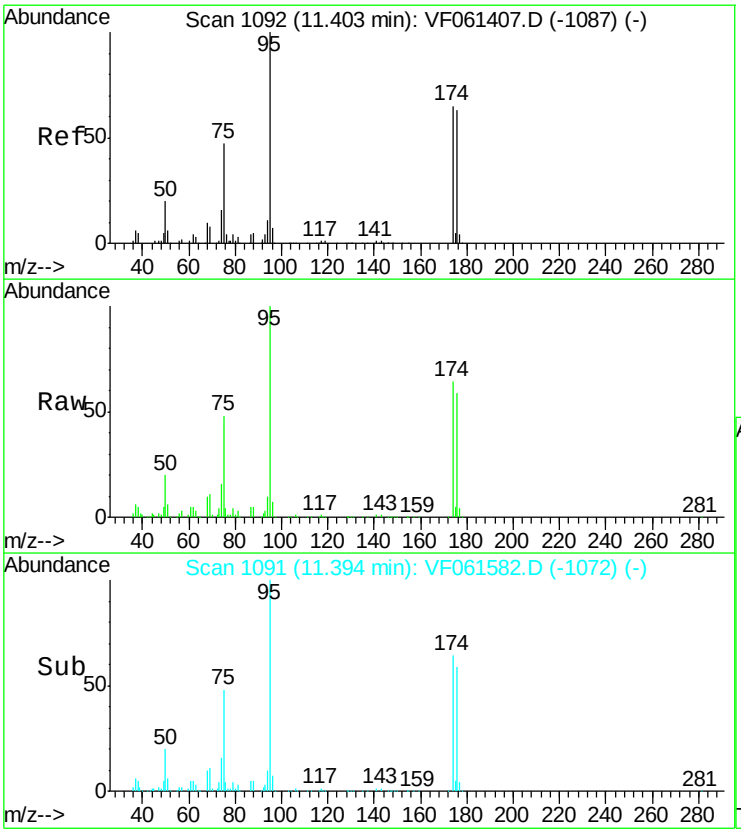
#59
2-Hexanone
Concen: 4.744 ug/l
RT: 9.48 min Scan# 897
Delta R.T. 0.00 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 4458

Ion	Ratio	Lower	Upper
43	100		
58	48.6	25.9	77.6

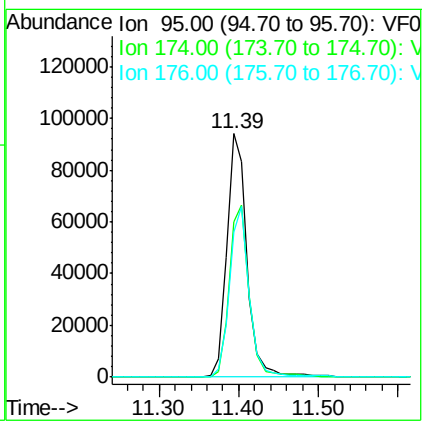


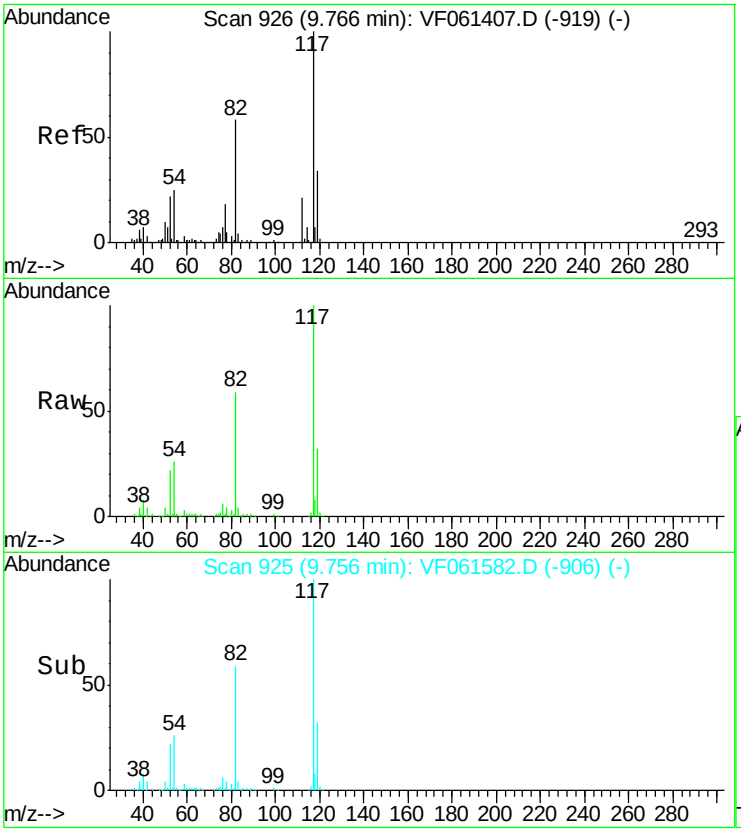


#62
4-Bromofluorobenzene
Concen: 52.826 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Tgt Ion: 95 Resp: 168152

Ion	Ratio	Lower	Upper
95	100		
174	63.9	0.0	130.4
176	59.3	0.0	126.2



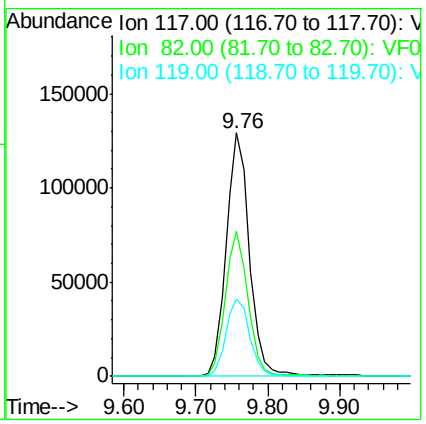


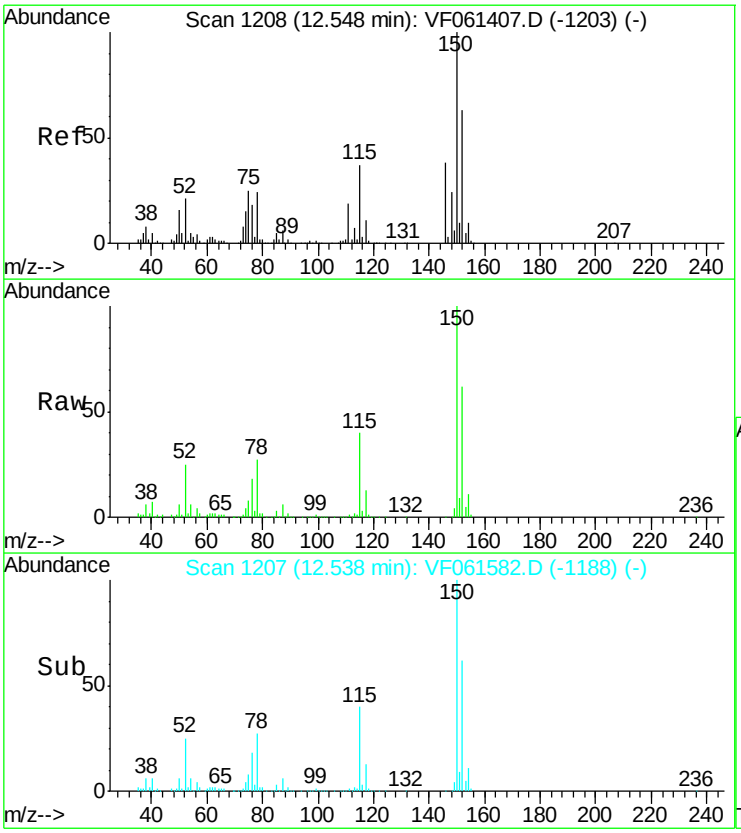
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 290281

Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.4	69.6
119	31.8	27.2	40.8

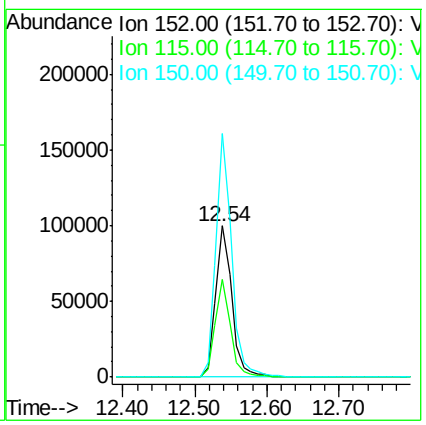


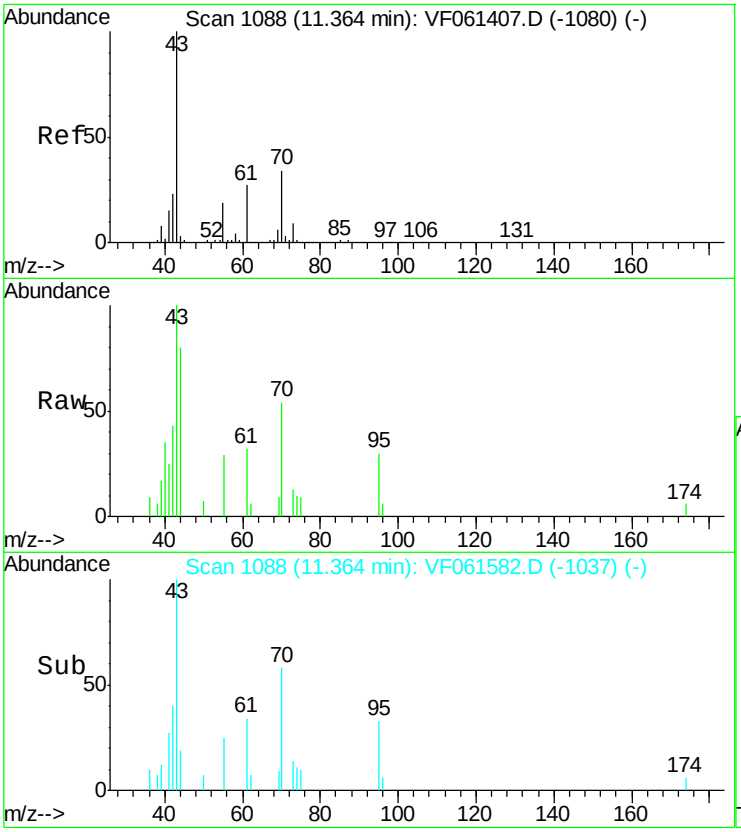


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.01 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Tgt Ion:152 Resp: 153921

Ion	Ratio	Lower	Upper
152	100		
115	64.4	30.0	90.0
150	161.0	0.0	321.4



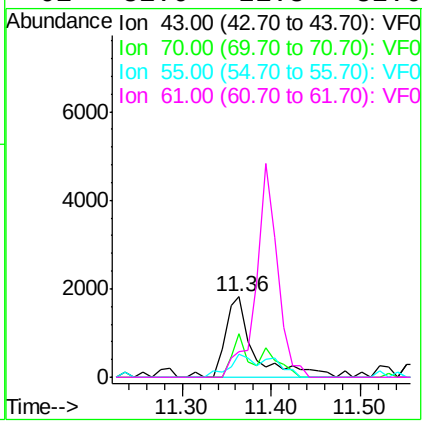


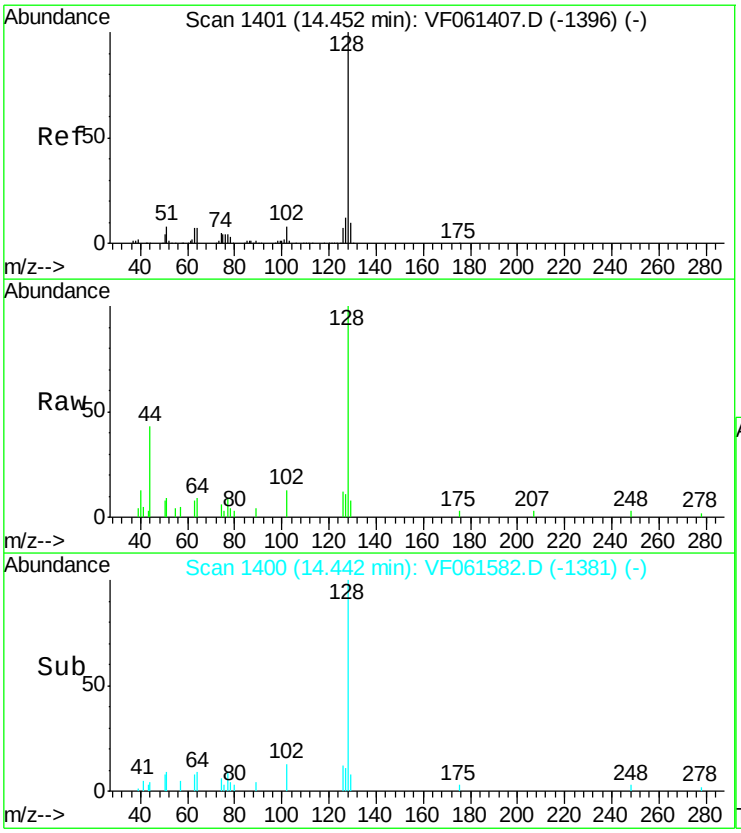
#74
N-amyl acetate
Concen: 1.390 ug/l
RT: 11.36 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 4114

Ion	Ratio	Lower	Upper
43	100		
70	53.6	27.6	41.4#
55	29.0	15.4	23.2#
61	31.6	21.8	32.6





#95
Naphthalene
Concen: 1.118 ug/l
RT: 14.44 min Scan# 1400
Delta R.T. -0.01 min
Lab File: VF061582.D
Acq: 11 Feb 2019 13:10

Tgt Ion:128 Resp: 7361

Ion	Ratio	Lower	Upper
128	100		
127	11.3	9.5	14.3
129	8.3	8.4	12.6#