Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF020819\
Data File : VF061576.D
Acq On : 9 Feb 2019 00:01
Operator : VA/AP
Sample : K1348-01RE
Misc : 6.49g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OK-01-020719RE

Quant Time: Feb 09 04:34:26 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	166208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.57	114	294205	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	258743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	126669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	98646	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.14%			
35) Dibromofluoromethane	4.10	113	105352	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.76%			
50) Toluene-d8	7.54	98	226608	35.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.26%			
62) 4-Bromofluorobenzene	11.39	95	116149	39.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.16%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.56	59	247	2.844	ug/l #	23
13) Acrolein	1.98	56	243	13.451	ug/l #	43
14) Allyl chloride	2.09	41	294	Below Cal	#	79
16) Acetone	2.23	43	17928	43.550	ug/l	92
18) Methyl Acetate	2.36	43	2530	3.099	ug/l #	61
20) Methylene Chloride	2.17	84	5678	2.390	ug/l	93
23) Vinyl Acetate	3.19	43	1039	3.637	ug/l #	78
25) 2-Butanone	4.33	43	1441	2.105	ug/l #	57
29) Tetrahydrofuran	4.08	42	1735	5.886	ug/l #	70
58) 2-Chloroethyl Vinyl ether	7.30	63	60	27.826	ug/l #	47

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

Quantitation Report (Not Reviewed)

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OK-01-020719RE

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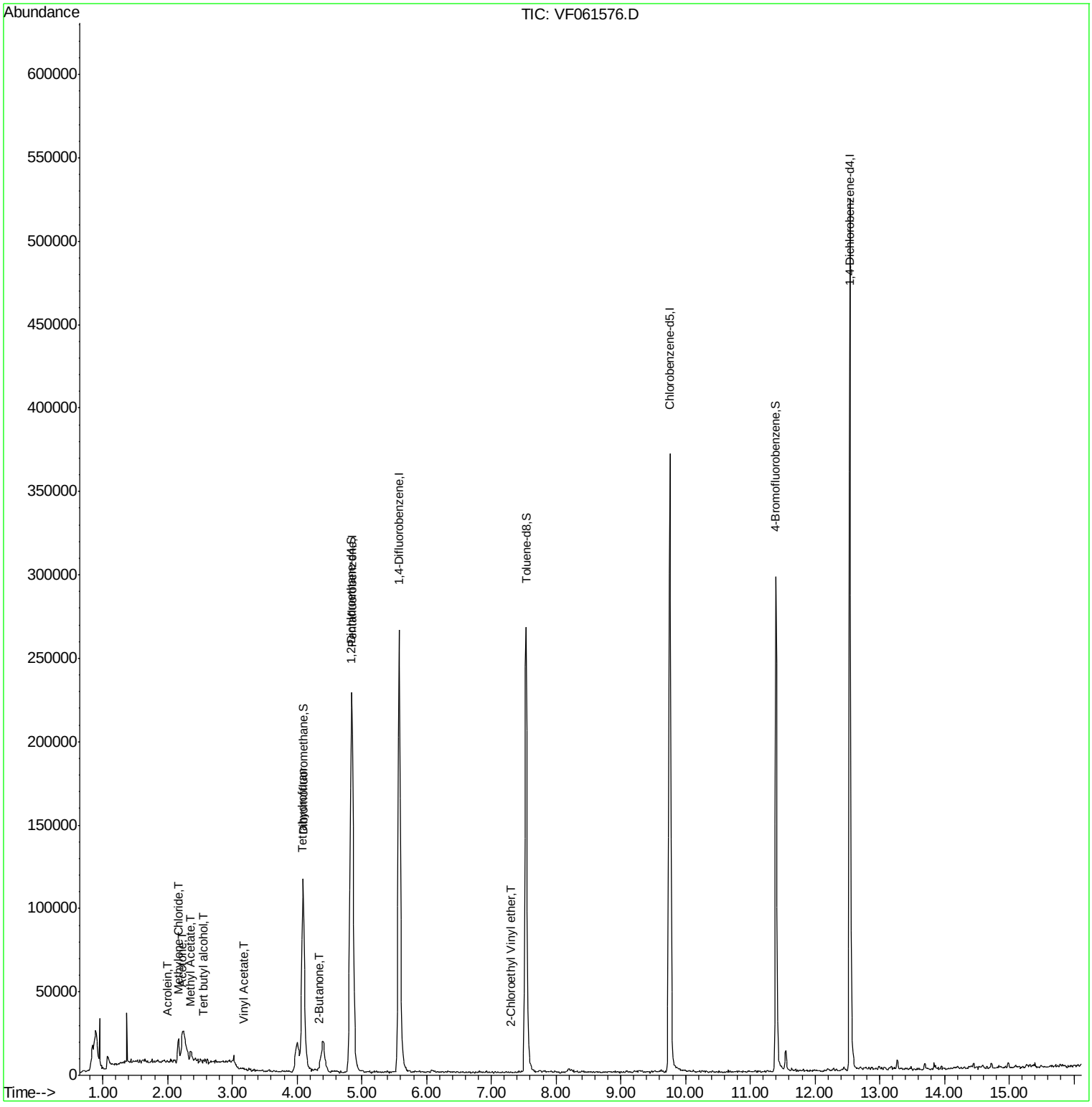
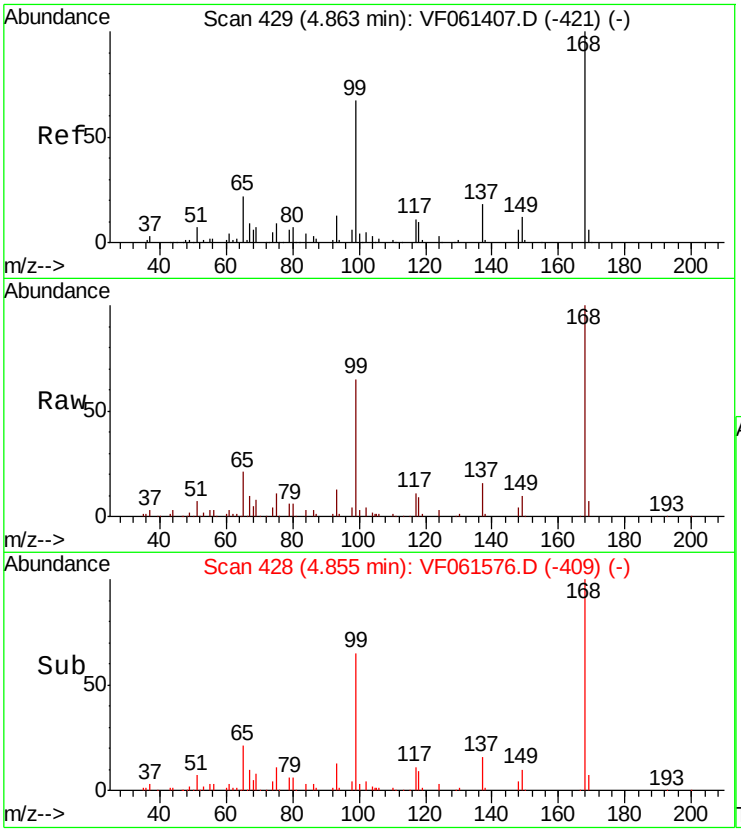


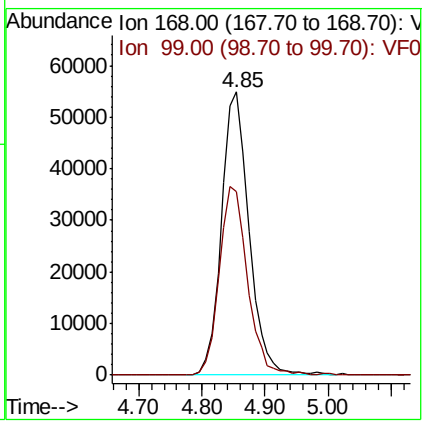


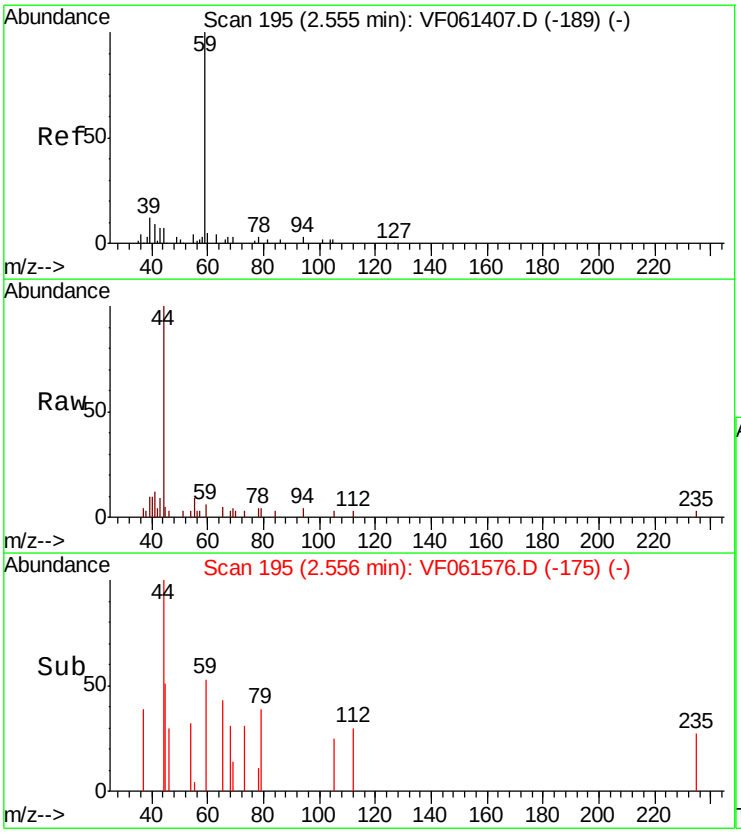
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Instrument :
MSVOA_F
ClientSampleId :
OK-01-020719RE

Tgt Ion:168 Resp: 166208

Ion	Ratio	Lower	Upper
168	100		
99	64.7	53.5	80.3

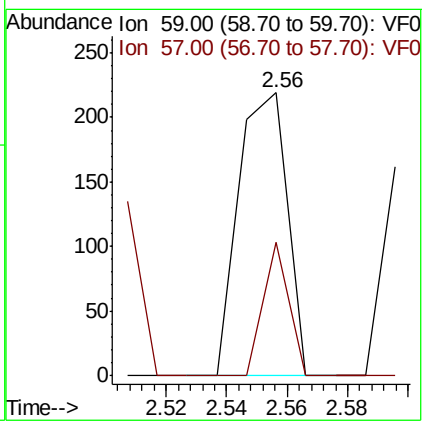


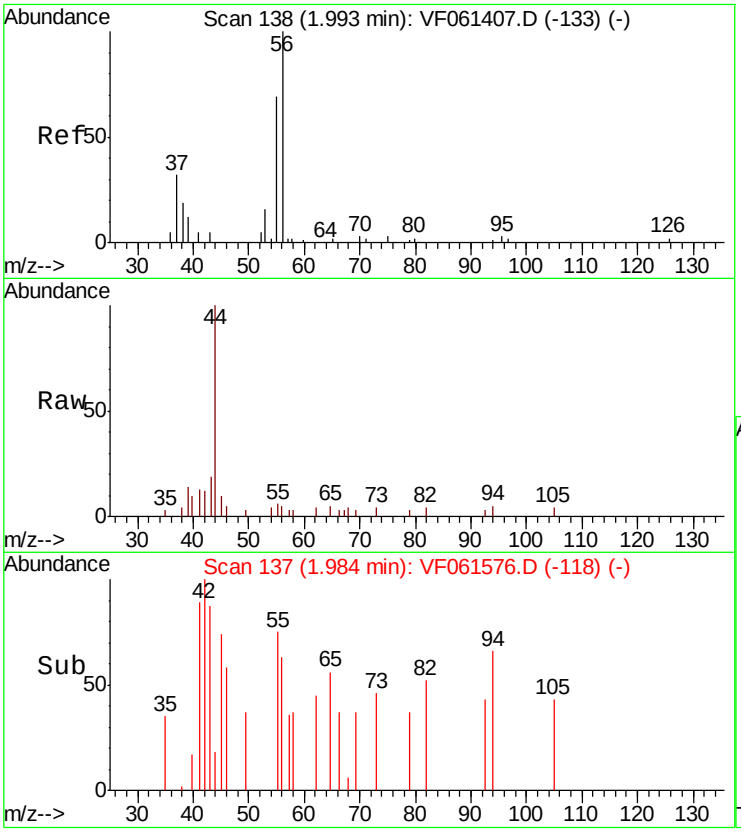


#11
Tert butyl alcohol
Concen: 2.844 ug/l
RT: 2.56 min Scan# 195
Delta R.T. 0.00 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Tgt Ion: 59 Resp: 247

Ion	Ratio	Lower	Upper
59	100		
57	47.0	11.9	17.9#



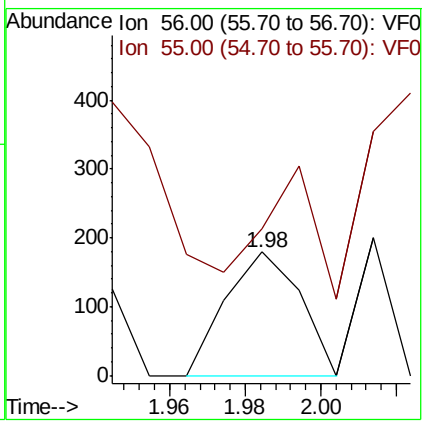


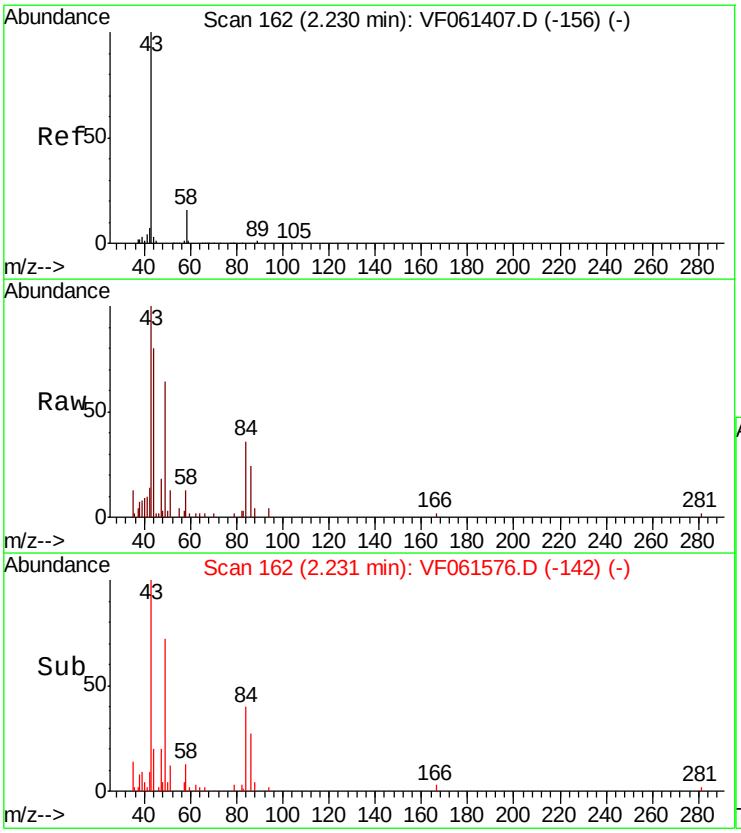
#13
Acrolein
Concen: 13.451 ug/l
RT: 1.98 min Scan# 137
Delta R.T. -0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Instrument :
MSVOA_F
ClientSampleId :
OK-01-020719RE

Tgt Ion: 56 Resp: 243

Ion	Ratio	Lower	Upper
56	100		
55	119.0	57.5	86.3#

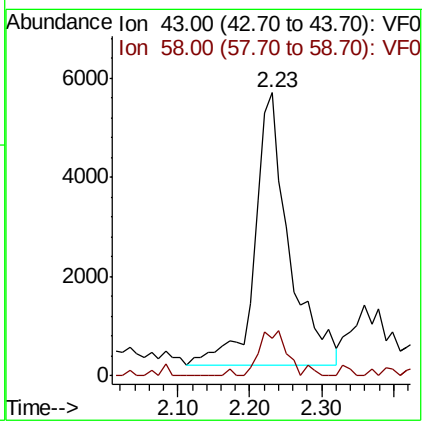


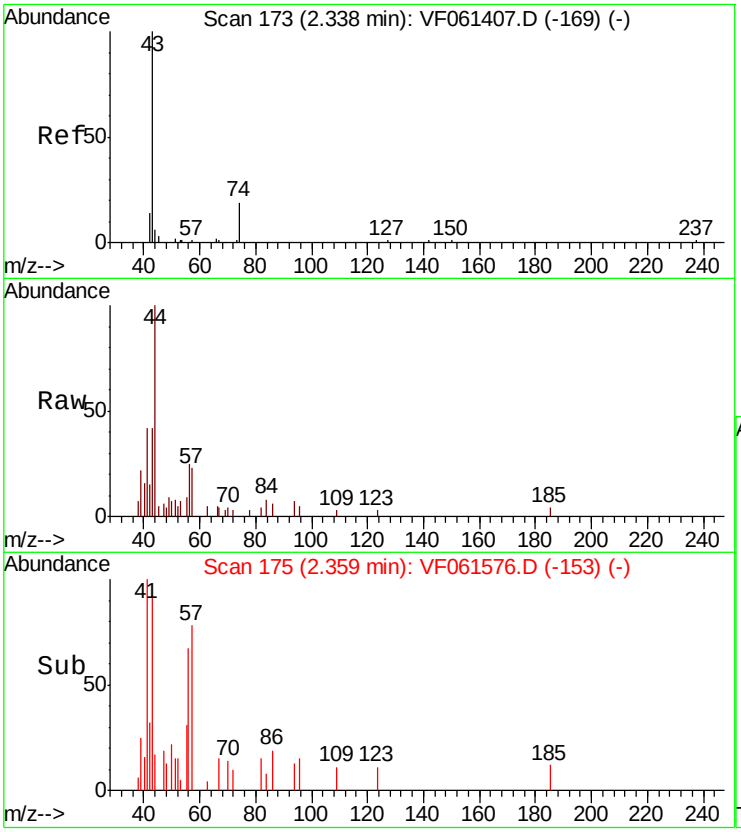


#16
Acetone
Concen: 43.550 ug/l
RT: 2.23 min Scan# 162
Delta R.T. 0.00 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Tgt Ion: 43 Resp: 17928

Ion	Ratio	Lower	Upper
43	100		
58	13.4	13.3	19.9



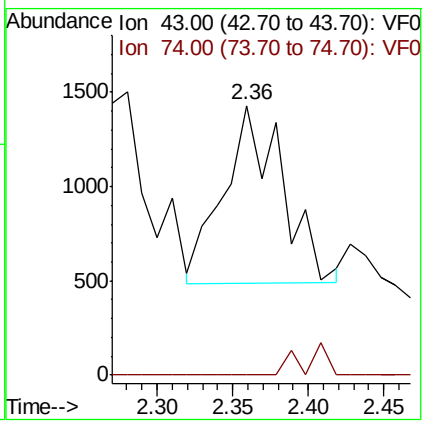


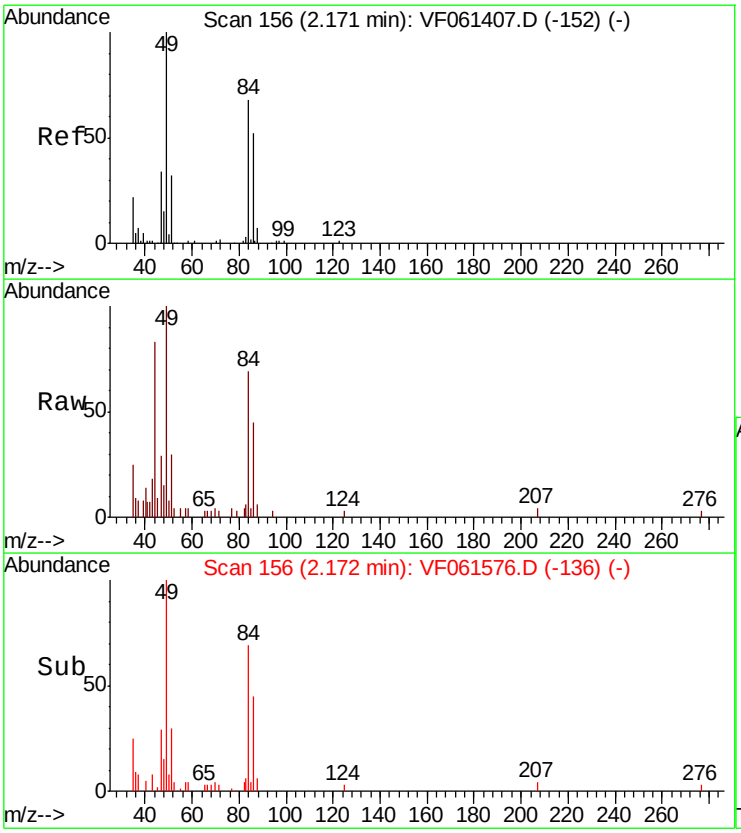
#18
Methyl Acetate
Concen: 3.099 ug/l
RT: 2.36 min Scan# 175
Delta R.T. 0.02 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Instrument : MSVOA_F
ClientSampleId : OK-01-020719RE

Tgt Ion: 43 Resp: 2530

Ion	Ratio	Lower	Upper
43	100		
74	0.0	13.4	20.0#

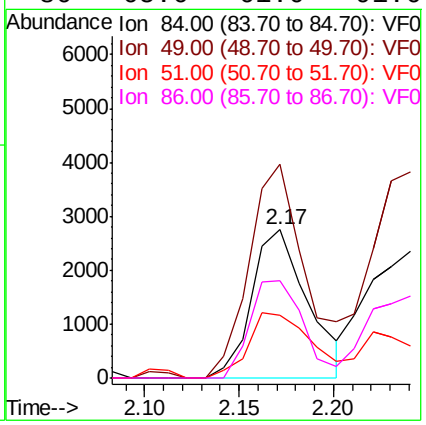


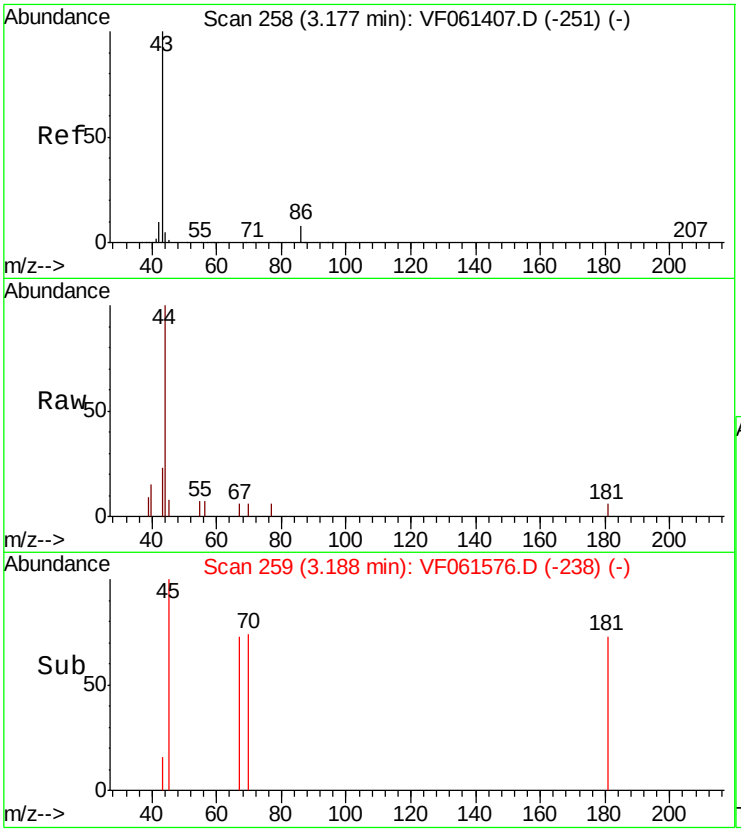


#20
Methylene Chloride
Concen: 2.390 ug/l
RT: 2.17 min Scan# 156
Delta R.T. 0.00 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Tgt Ion: 84 Resp: 5678

Ion	Ratio	Lower	Upper
84	100		
49	144.1	120.0	180.0
51	42.6	38.6	58.0
86	65.6	61.0	91.6



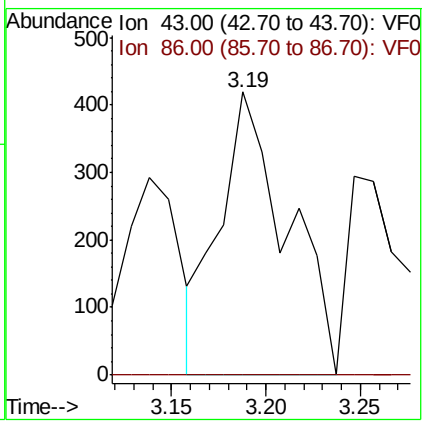


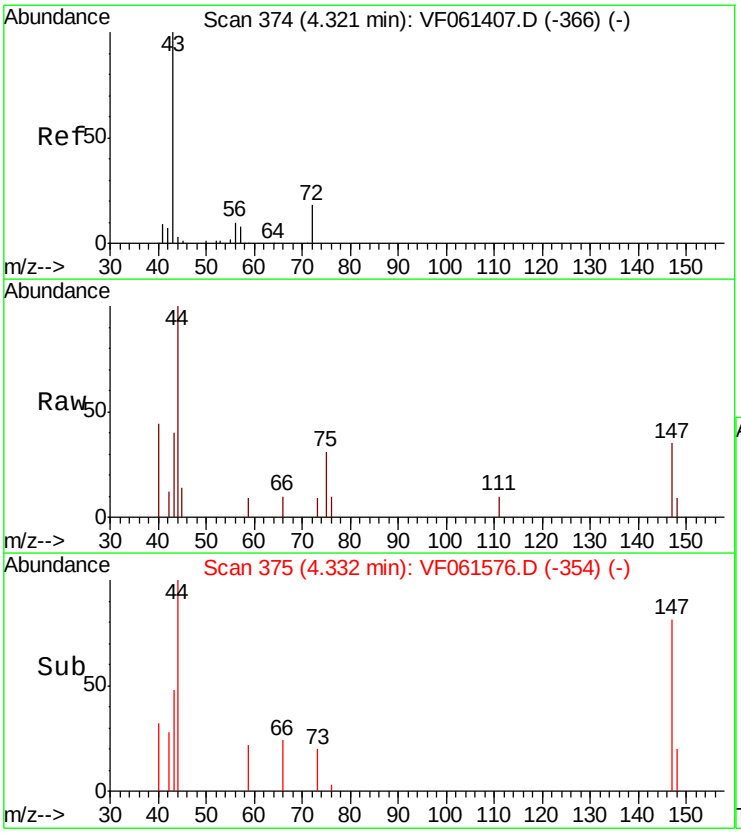
#23
Vinyl Acetate
Concen: 3.637 ug/l
RT: 3.19 min Scan# 259
Delta R.T. 0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Instrument : MSVOA_F
ClientSampleId : OK-01-020719RE

Tgt Ion: 43 Resp: 1039

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#

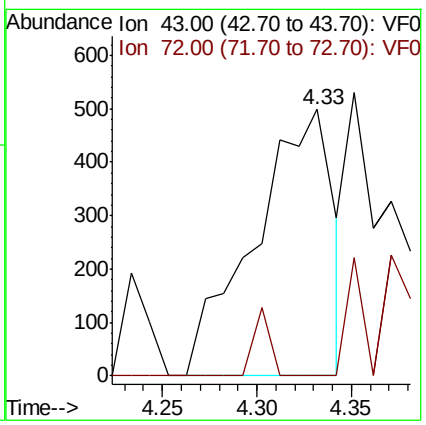


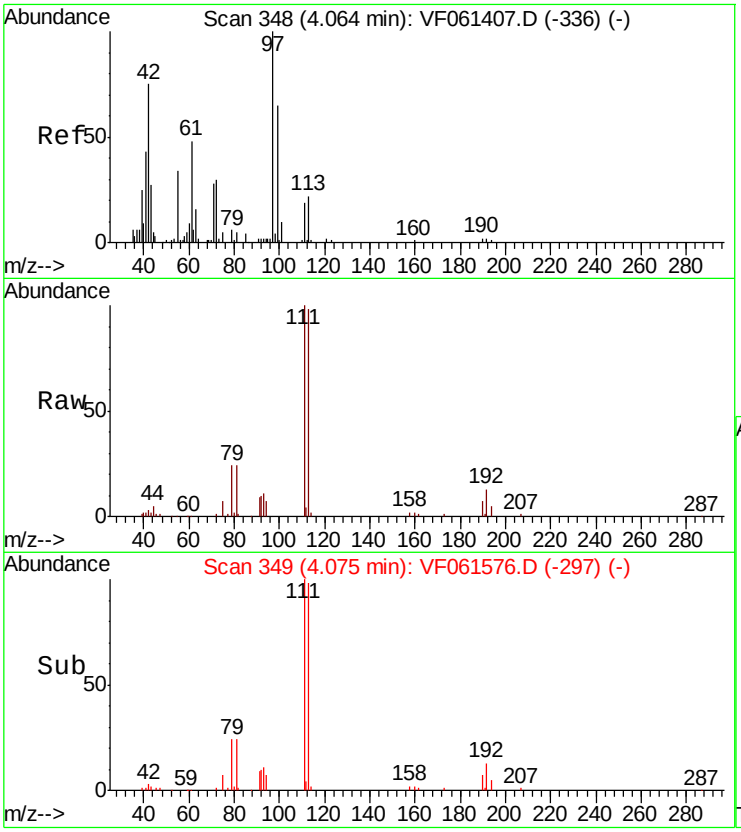


#25
2-Butanone
Concen: 2.105 ug/l
RT: 4.33 min Scan# 375
Delta R.T. 0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Tgt Ion: 43 Resp: 1441

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.8	23.6#



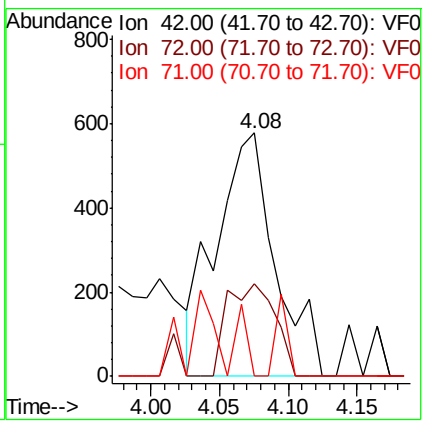


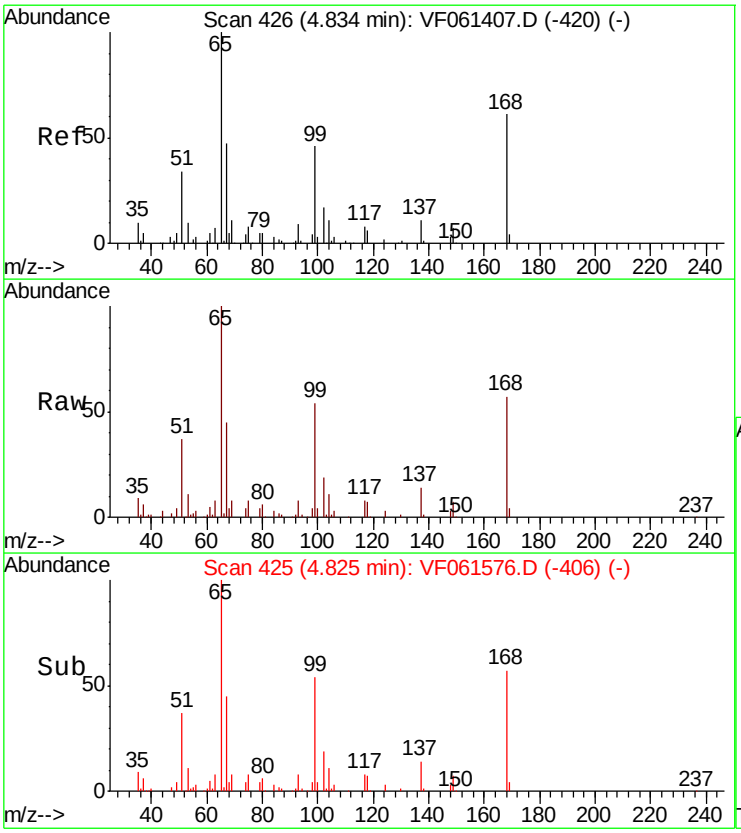
#29
Tetrahydrofuran
Concen: 5.886 ug/l
RT: 4.08 min Scan# 349
Delta R.T. 0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Instrument :
MSVOA_F
ClientSampleId :
OK-01-020719RE

Tgt Ion: 42 Resp: 1735

Ion	Ratio	Lower	Upper
42	100		
72	30.9	28.9	43.3
71	6.7	29.6	44.4#

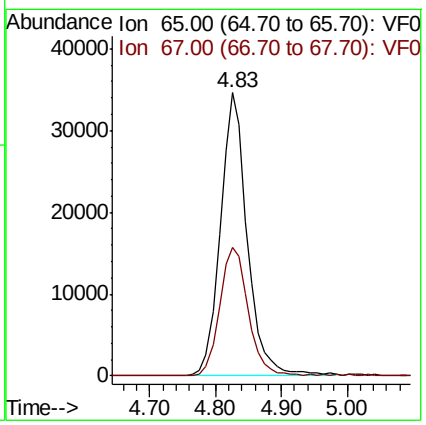


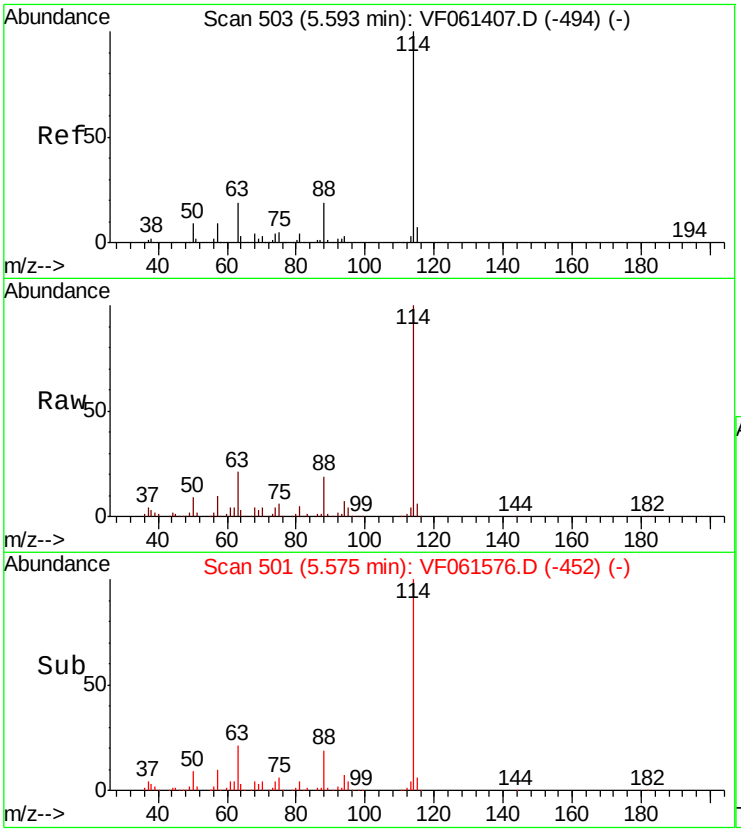


#33
1,2-Dichloroethane-d4
Concen: 48.072 ug/l
RT: 4.83 min Scan# 425
Delta R.T. -0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Tgt Ion: 65 Resp: 98646

Ion	Ratio	Lower	Upper
65	100		
67	45.4	0.0	99.8



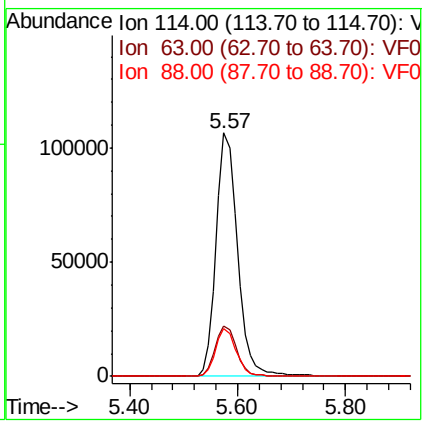


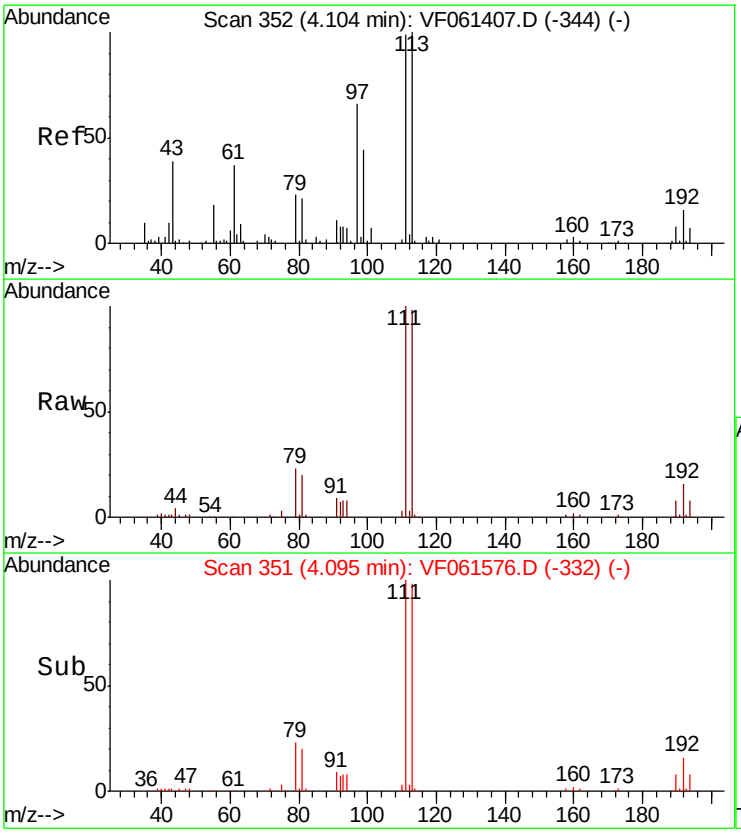
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.02 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Instrument :
MSVOA_F
ClientSampleId :
OK-01-020719RE

Tgt Ion:114 Resp: 294205

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.0
88	19.4	0.0	37.4

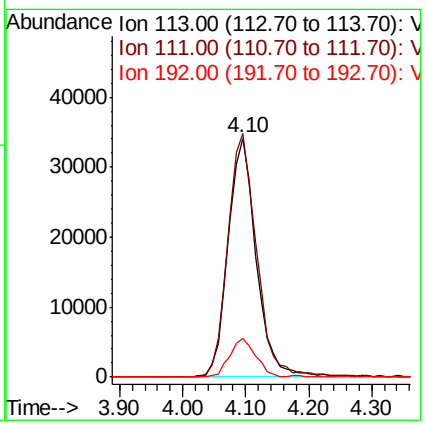


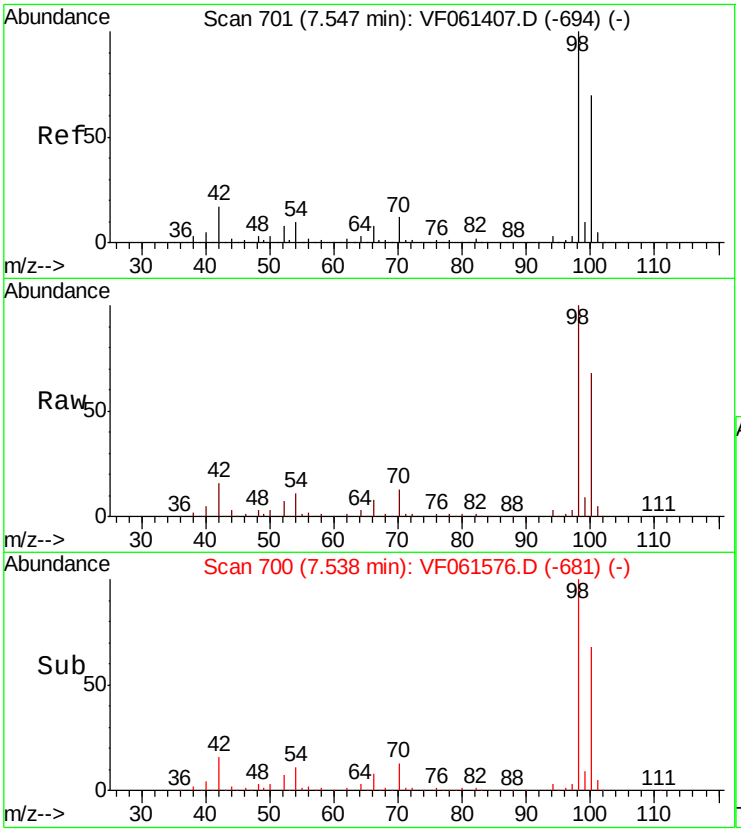


#35
Dibromofluoromethane
Concen: 45.380 ug/l
RT: 4.10 min Scan# 351
Delta R.T. -0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Tgt Ion:113 Resp: 105352

Ion	Ratio	Lower	Upper
113	100		
111	100.8	79.4	119.0
192	16.6	12.4	18.6



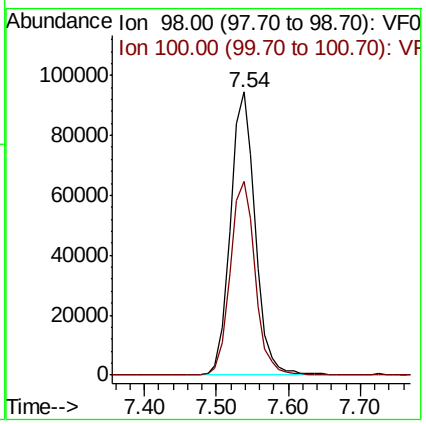


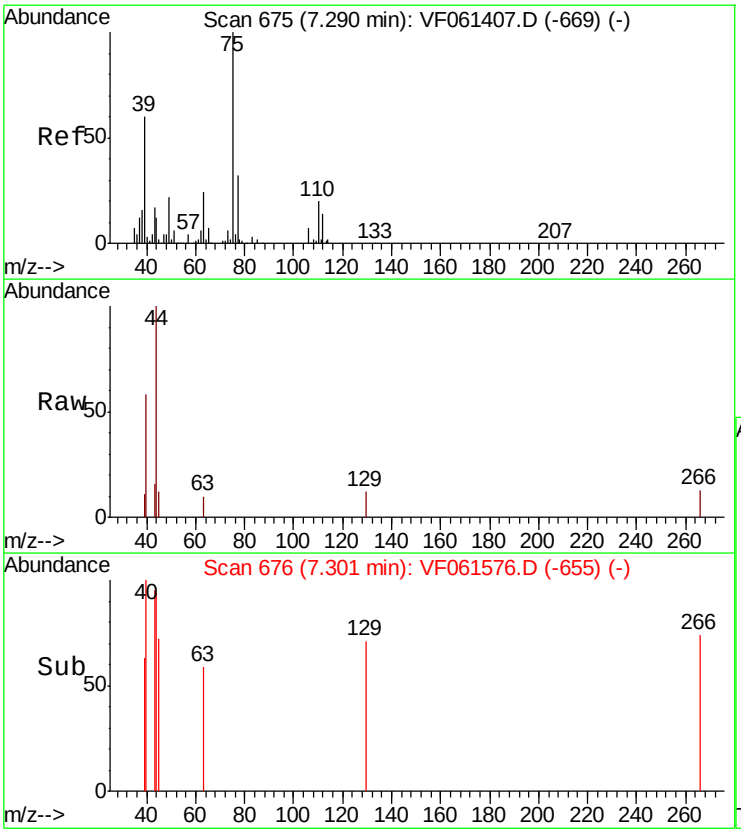
#50
Toluene-d8
Concen: 35.627 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Instrument :
MSVOA_F
ClientSampleId :
OK-01-020719RE

Tgt Ion: 98 Resp: 226608

Ion	Ratio	Lower	Upper
98	100		
100	68.5	55.6	83.4

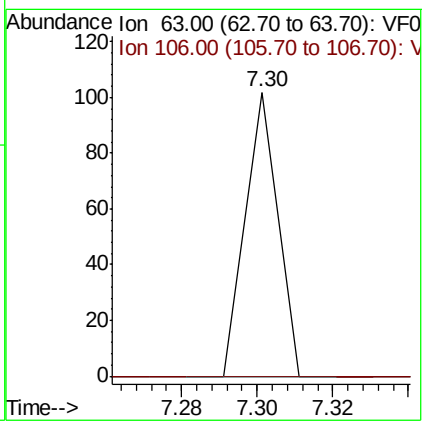


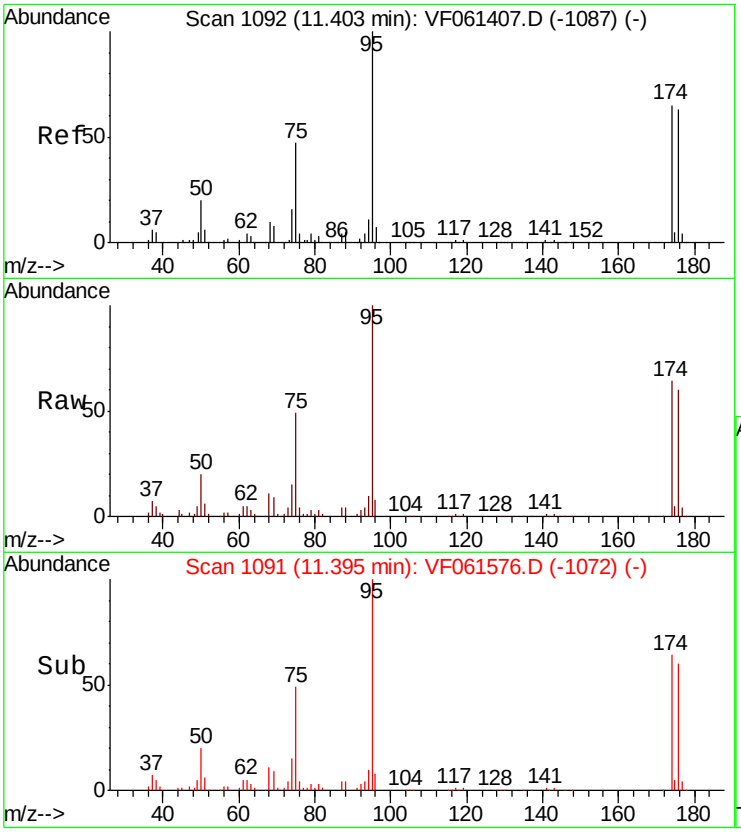


#58
2-Chloroethyl Vinyl ether
Concen: 27.826 ug/l
RT: 7.30 min Scan# 676
Delta R.T. 0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Tgt Ion: 63 Resp: 60

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.9	32.9#



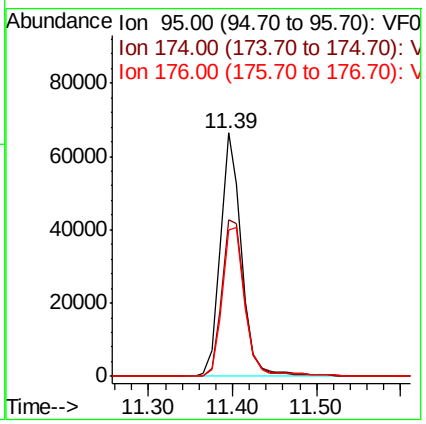


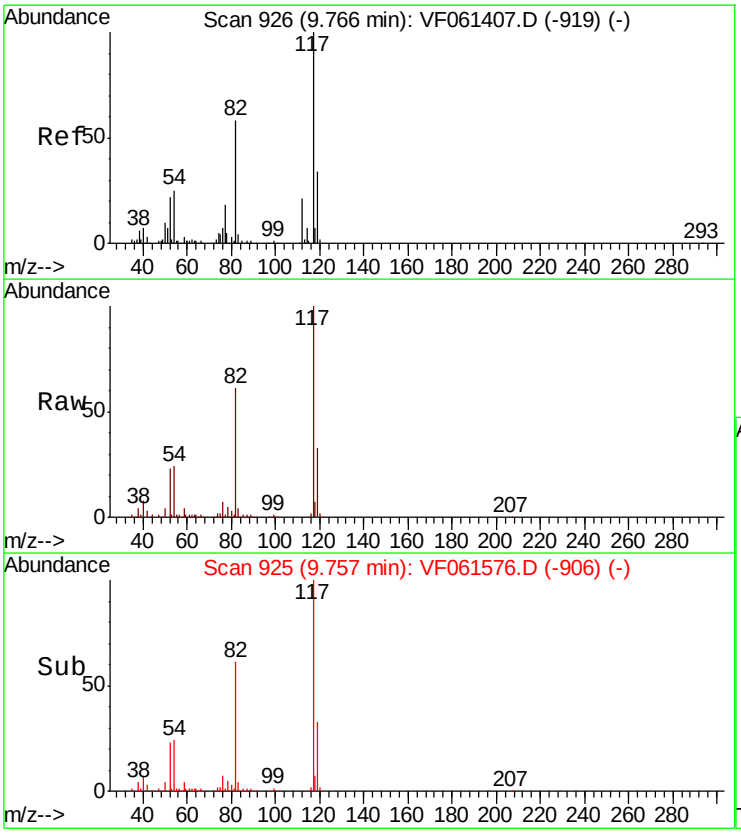
#62
4-Bromofluorobenzene
Concen: 39.083 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Instrument : MSVOA_F
ClientSampleId : OK-01-020719RE

Tgt Ion: 95 Resp: 116149

Ion	Ratio	Lower	Upper
95	100		
174	64.1	0.0	130.4
176	59.9	0.0	126.2

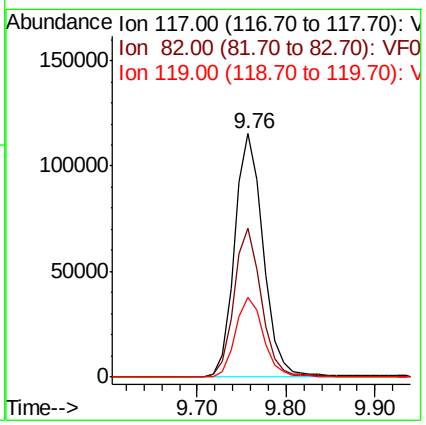


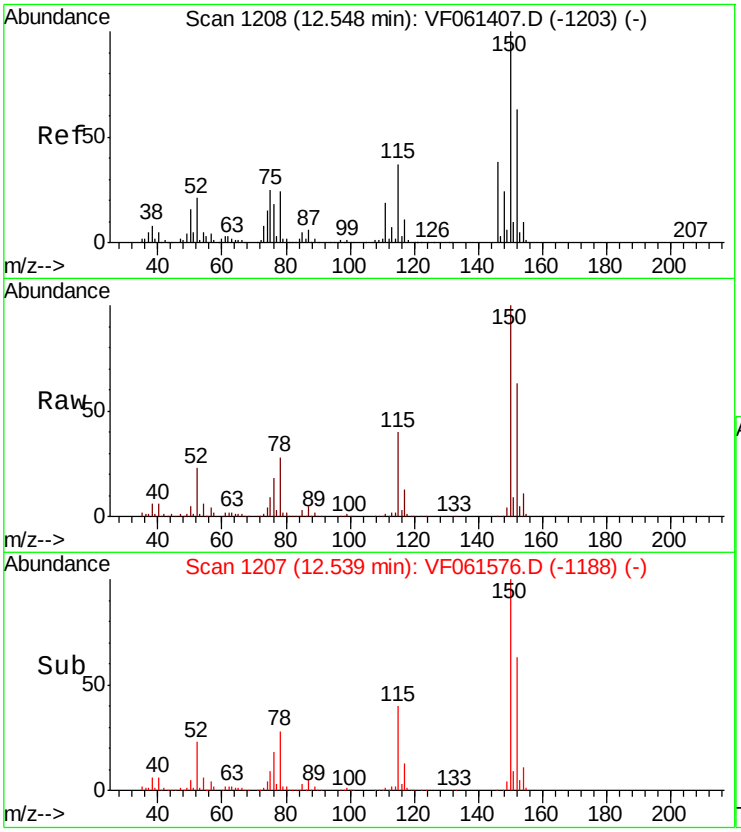


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: VF061576.D
Acq: 9 Feb 2019 00:01

Tgt Ion:117 Resp: 258743

Ion	Ratio	Lower	Upper
117	100		
82	61.2	46.4	69.6
119	32.6	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: VF061576.D
Acq: 9 Feb 2019 00:01

Instrument :
MSVOA_F
ClientSampleId :
OK-01-020719RE

Tgt Ion:152 Resp: 126669

Ion	Ratio	Lower	Upper
152	100		
115	63.5	30.0	90.0
150	158.7	0.0	321.4