Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110518\
Data File : VF060582.D
Acq On : 5 Nov 2018 20:12
Operator : VA/AP
Sample : J5741-23RE
Misc : 6.58/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 06 06:57:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	243734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	460226	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	388263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	203600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	106684	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.64%			
35) Dibromofluoromethane	4.11	113	143873	40.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.92%			
50) Toluene-d8	7.55	98	321053	30.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 60.96%			
62) 4-Bromofluorobenzene	11.41	95	157571	34.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.94	85	514	Below Cal		77
6) Chloroethane	1.40	64	160	Below Cal	#	28
8) Diethyl Ether	1.65	74	746	1.094	ug/l	94
11) Tert butyl alcohol	2.57	59	1559	5.459	ug/l #	1
13) Acrolein	2.01	56	413	Below Cal	#	44
15) Acrylonitrile	2.93	53	858	2.923	ug/l #	39
16) Acetone	2.24	43	50852	87.632	ug/l	96
18) Methyl Acetate	2.35	43	3396	4.211	ug/l #	79
20) Methylene Chloride	2.22	84	2115	Below Cal	#	92
25) 2-Butanone	4.33	43	3104	Below Cal	#	82
29) Tetrahydrofuran	4.07	42	320	Below Cal	#	36
49) 1,4-Dioxane	6.49	88	75	3.707	ug/l #	1
51) 4-Methyl-2-Pentanone	8.26	43	3868	1.869	ug/l #	87
58) 2-Chloroethyl Vinyl ether	7.60	63	137	Below Cal		100
59) 2-Hexanone	9.51	43	3811	Below Cal	#	57
74) N-amyl acetate	11.37	43	698	Below Cal	#	55
89) n-Butylbenzene	12.85	91	2014	Below Cal		91

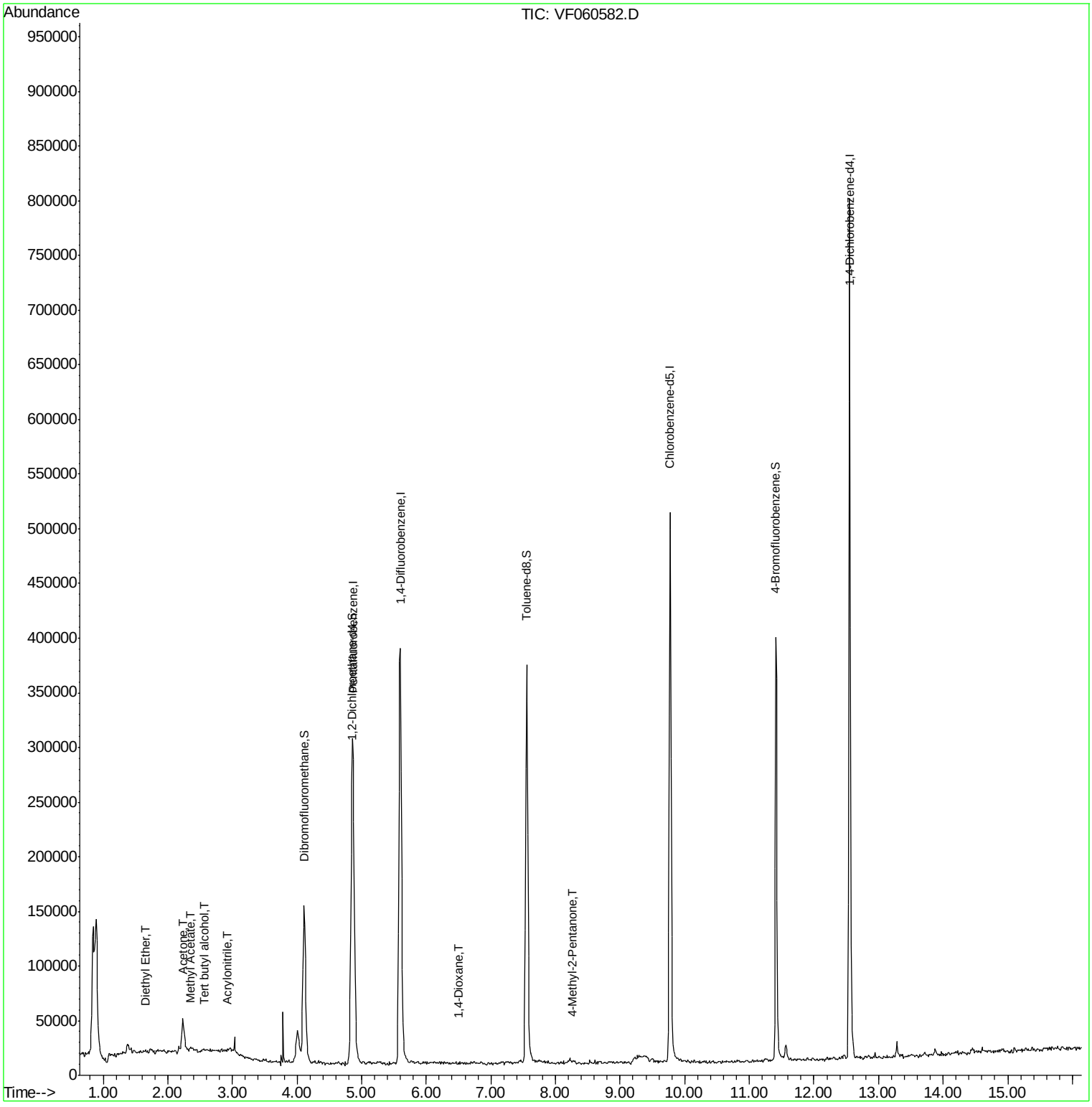
(#) = qualifier out of range (m) = manual integration (+) = signals summed

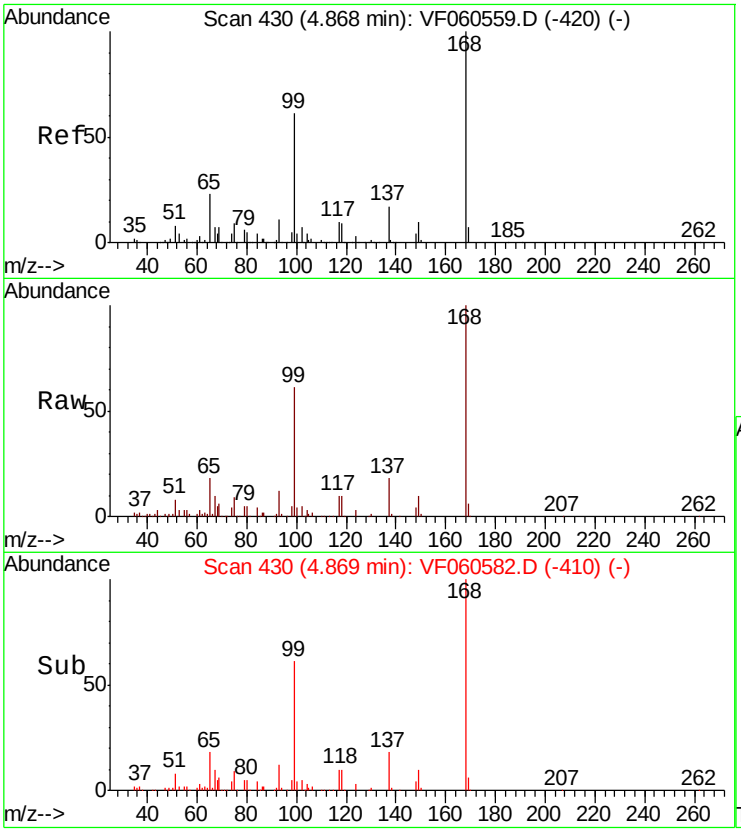
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060582.D
Acq On : 5 Nov 2018 20:12
Operator : VA/AP
Sample : J5741-23RE
Misc : 6.58/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 06 06:57:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration



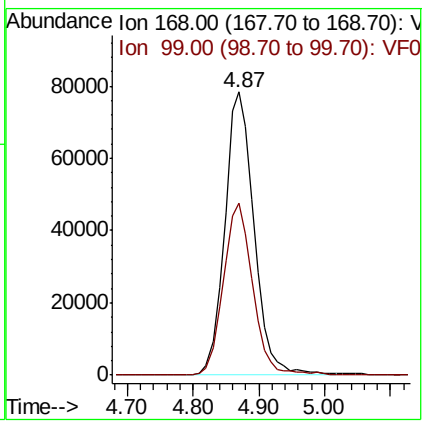


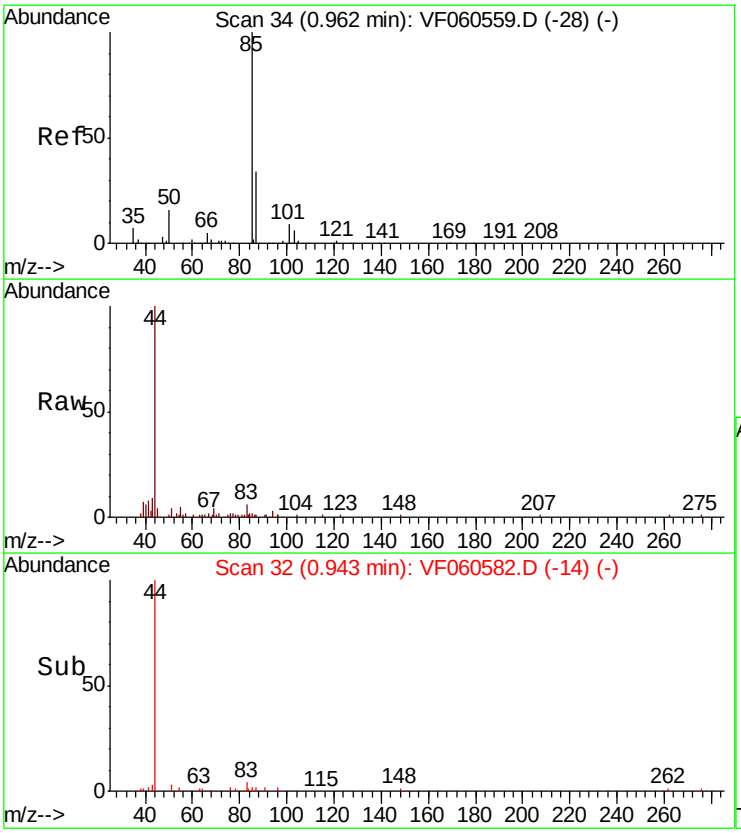
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.00 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 243734

Ion	Ratio	Lower	Upper
168	100		
99	60.8	48.6	72.8

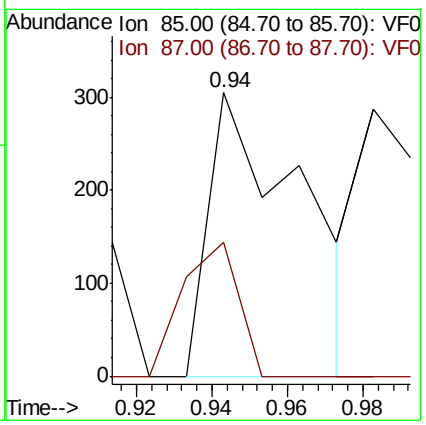


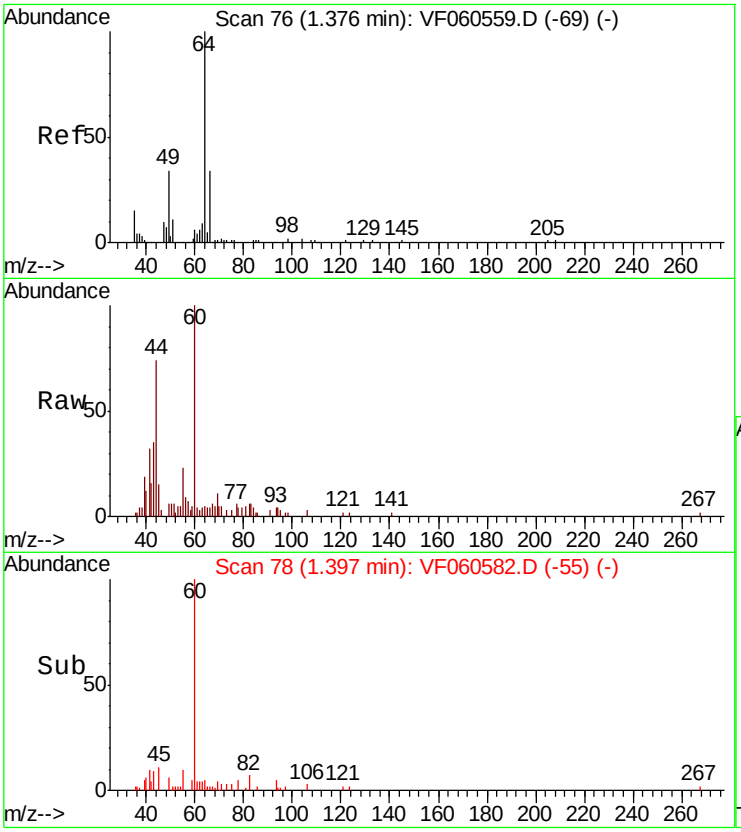


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.94 min Scan# 32
Delta R.T. -0.02 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Tgt Ion: 85 Resp: 514

Ion	Ratio	Lower	Upper
85	100		
87	47.2	16.9	50.7



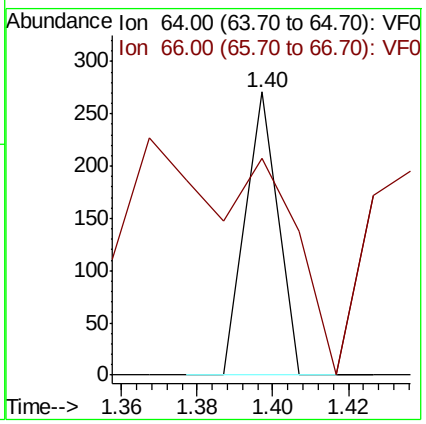


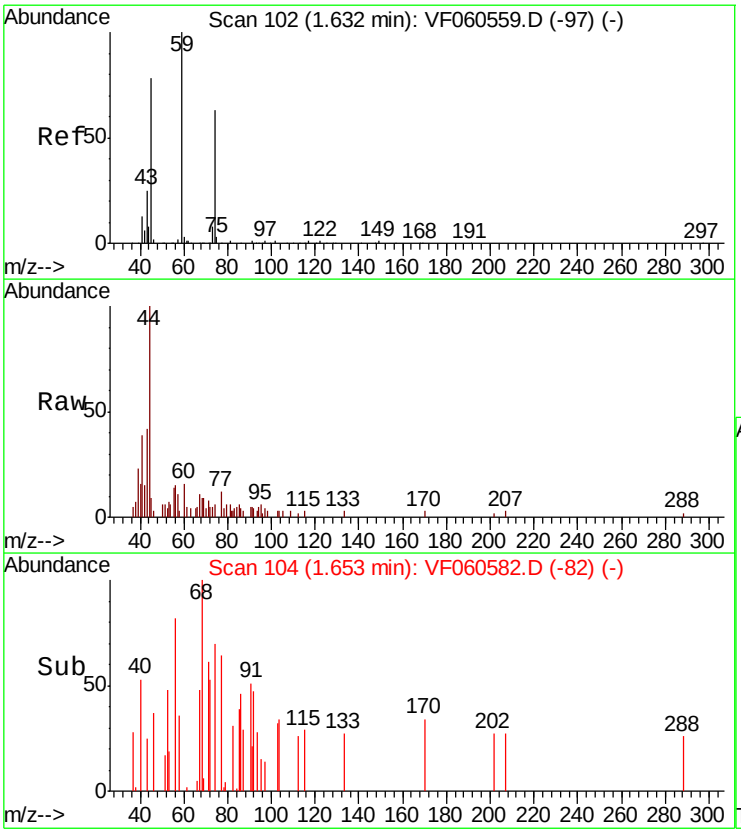
#6
Chloroethane
Concen: Below Cal
RT: 1.40 min Scan# 78
Delta R.T. 0.02 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 64 Resp: 160

Ion	Ratio	Lower	Upper
64	100		
66	76.8	27.8	41.8#

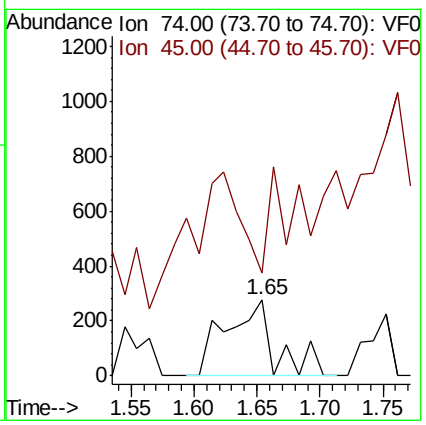


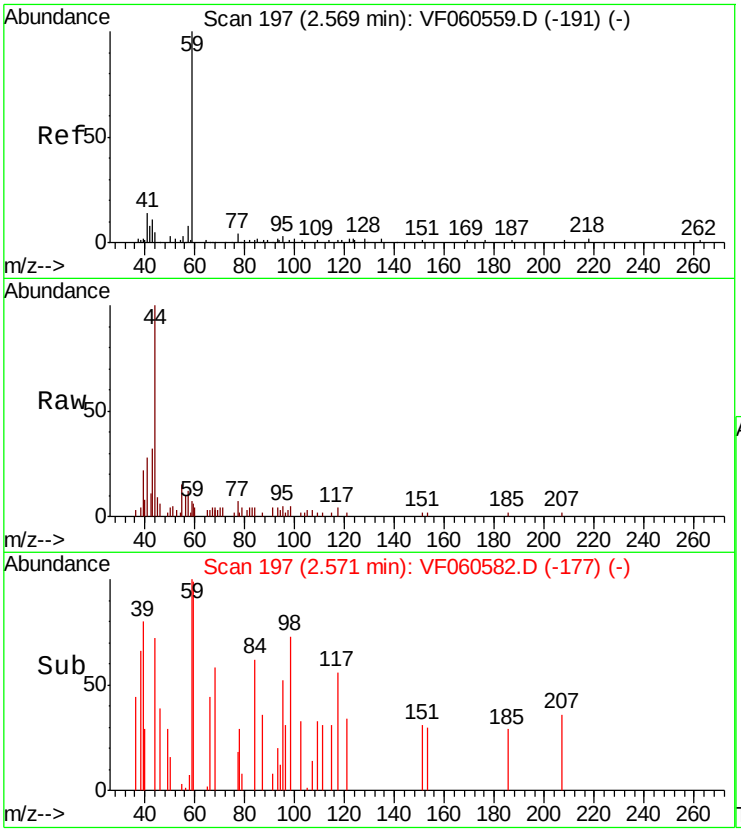


#8
Diethyl Ether
Concen: 1.094 ug/l
RT: 1.65 min Scan# 104
Delta R.T. 0.02 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Tgt Ion: 74 Resp: 746

Ion	Ratio	Lower	Upper
74	100		
45	134.8	63.8	191.5



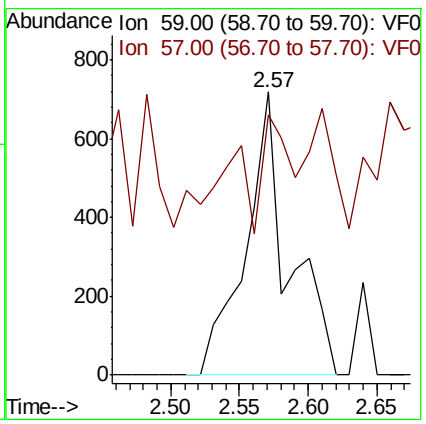


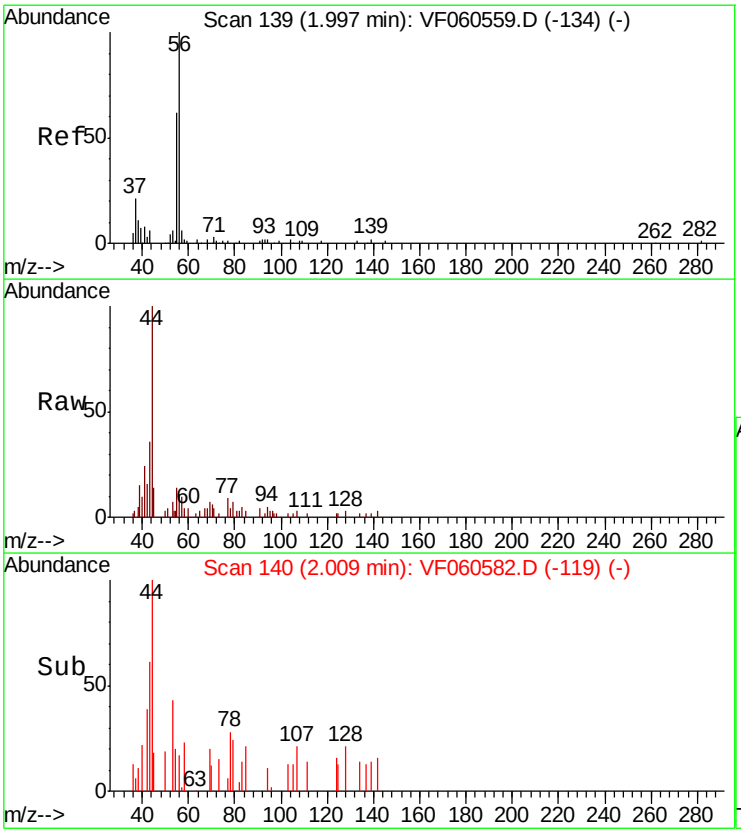
#11
Tert butyl alcohol
Concen: 5.459 ug/l
RT: 2.57 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 1559

Ion	Ratio	Lower	Upper
59	100		
57	91.9	19.0	28.4#

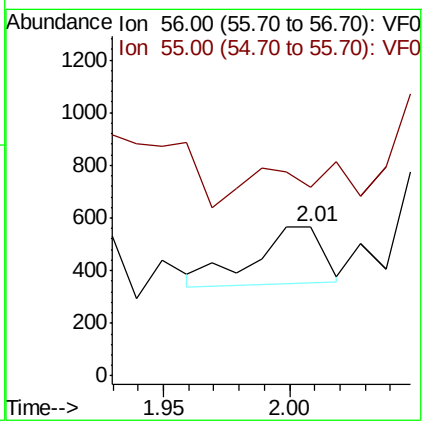


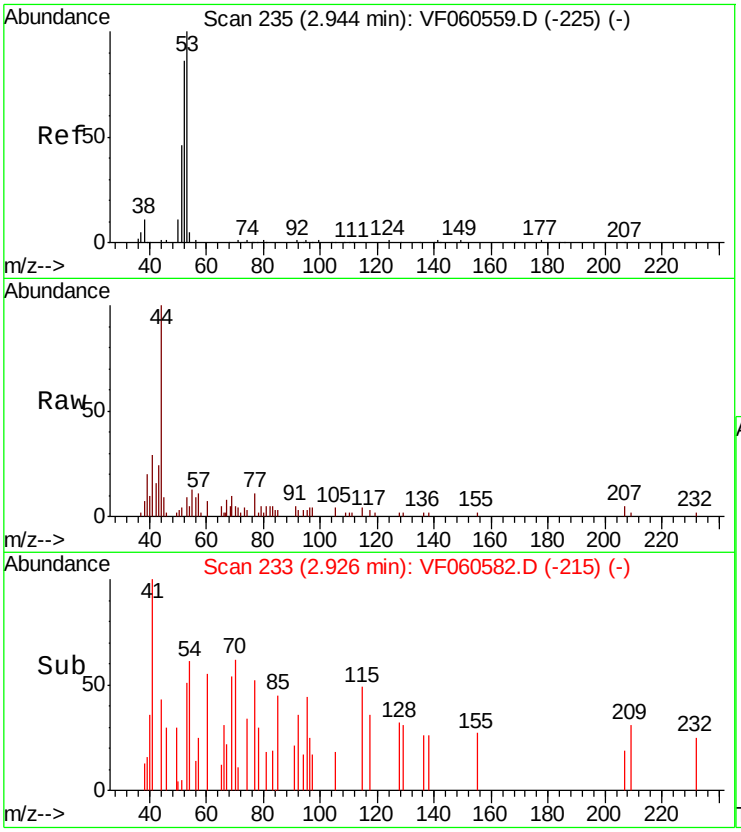


#13
Acrolein
Concen: Below Cal
RT: 2.01 min Scan# 140
Delta R.T. 0.01 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Tgt Ion: 56 Resp: 413

Ion	Ratio	Lower	Upper
56	100		
55	126.1	61.8	92.6#



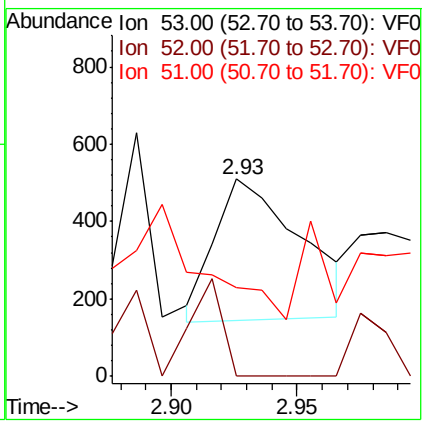


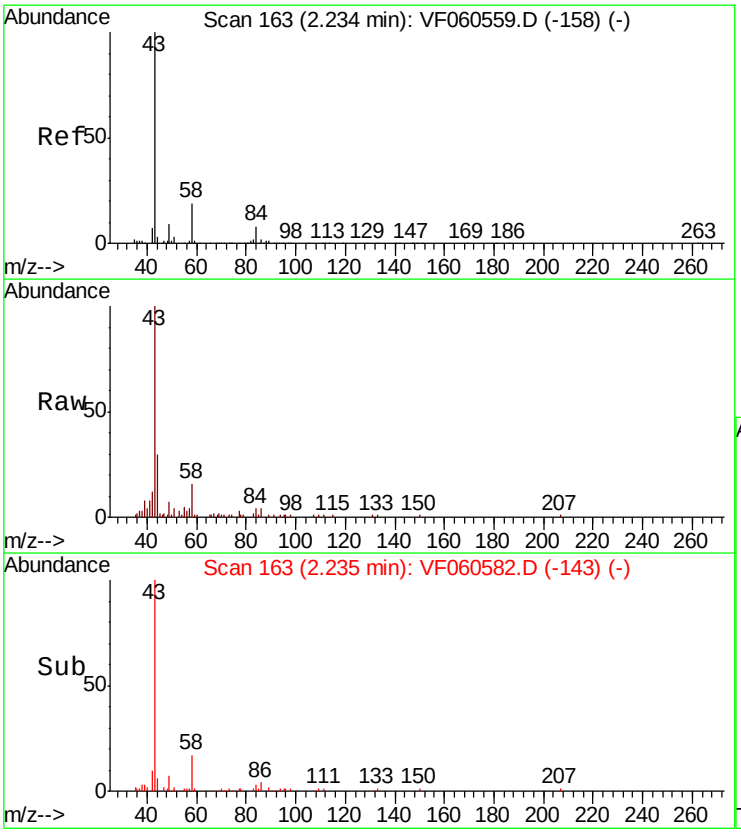
#15
Acrylonitrile
Concen: 2.923 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.02 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 858

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.5	102.7#
51	44.9	38.2	57.2

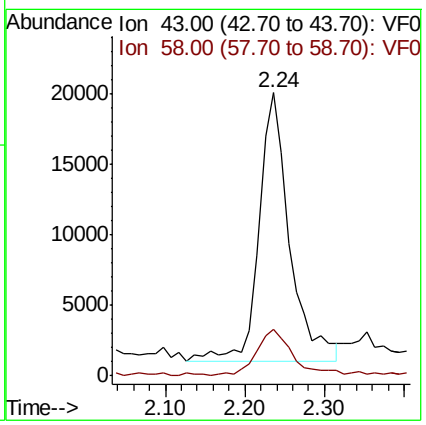


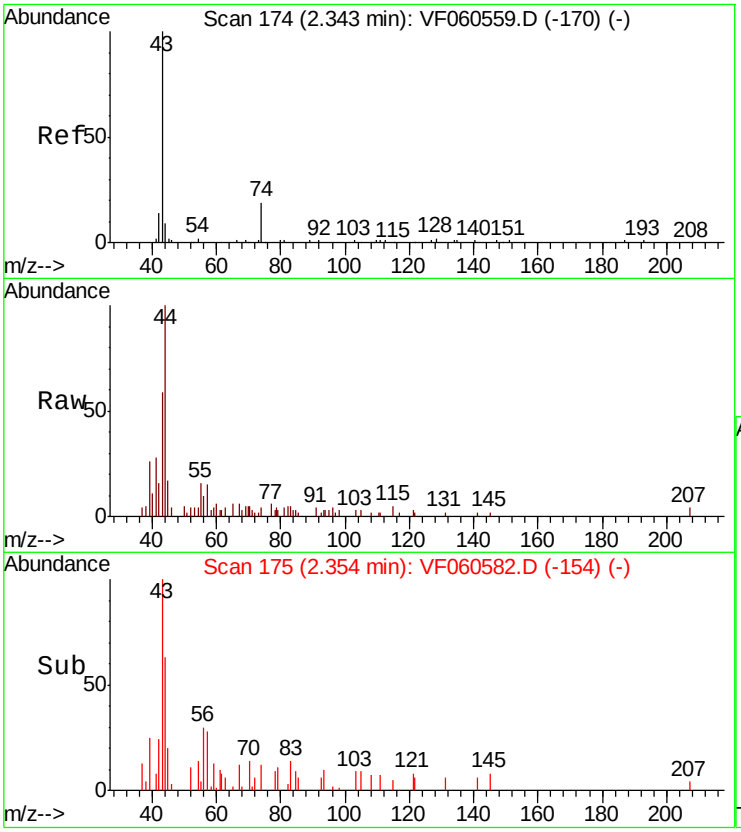


#16
Acetone
Concen: 87.632 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Tgt Ion: 43 Resp: 50852

Ion	Ratio	Lower	Upper
43	100		
58	16.4	14.6	22.0



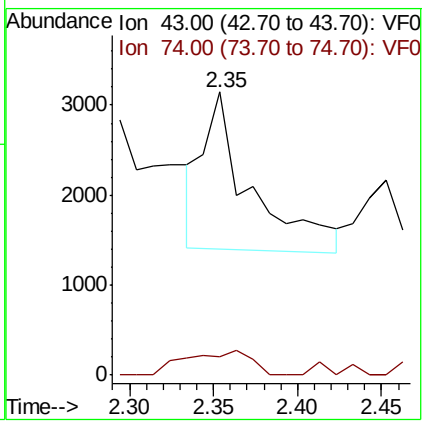


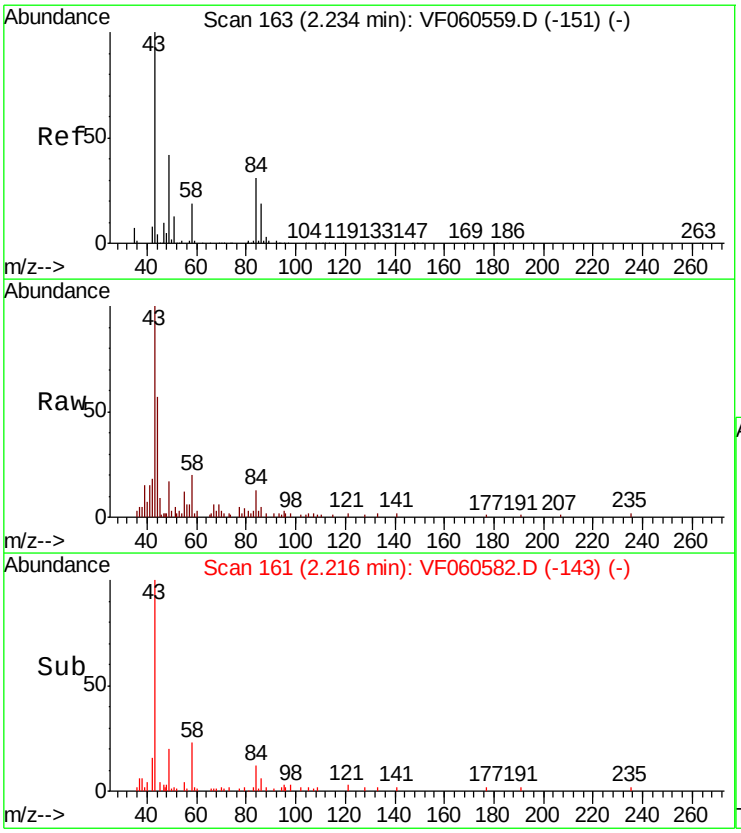
#18
Methyl Acetate
Concen: 4.211 ug/l
RT: 2.35 min Scan# 175
Delta R.T. 0.01 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3396

Ion	Ratio	Lower	Upper
43	100		
74	6.5	12.1	18.1#

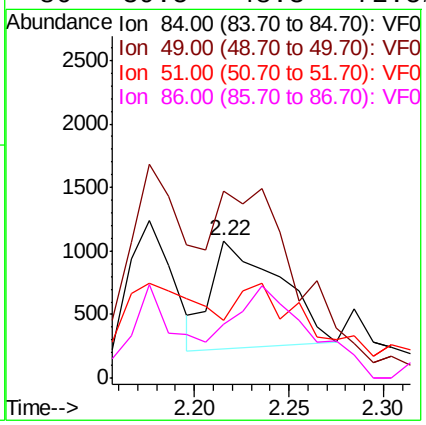


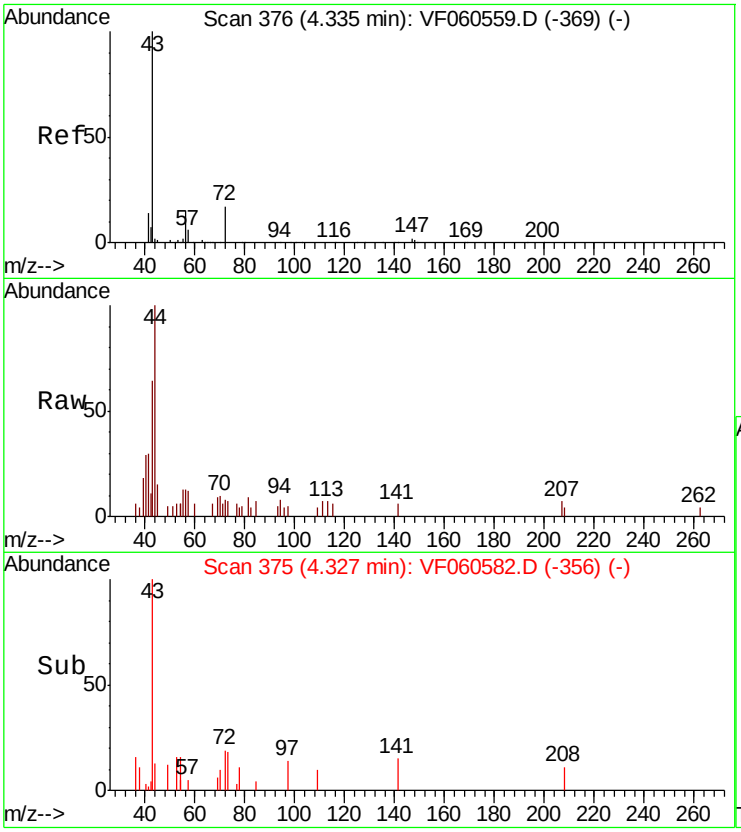


#20
Methylene Chloride
Concen: Below Cal
RT: 2.22 min Scan# 161
Delta R.T. -0.02 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Tgt Ion: 84 Resp: 2115

Ion	Ratio	Lower	Upper
84	100		
49	136.3	109.9	164.9
51	42.4	35.8	53.8
86	39.5	48.3	72.5#



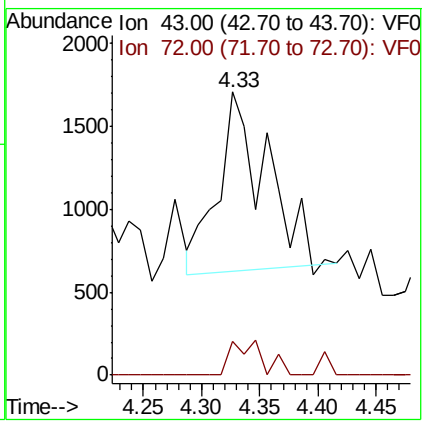


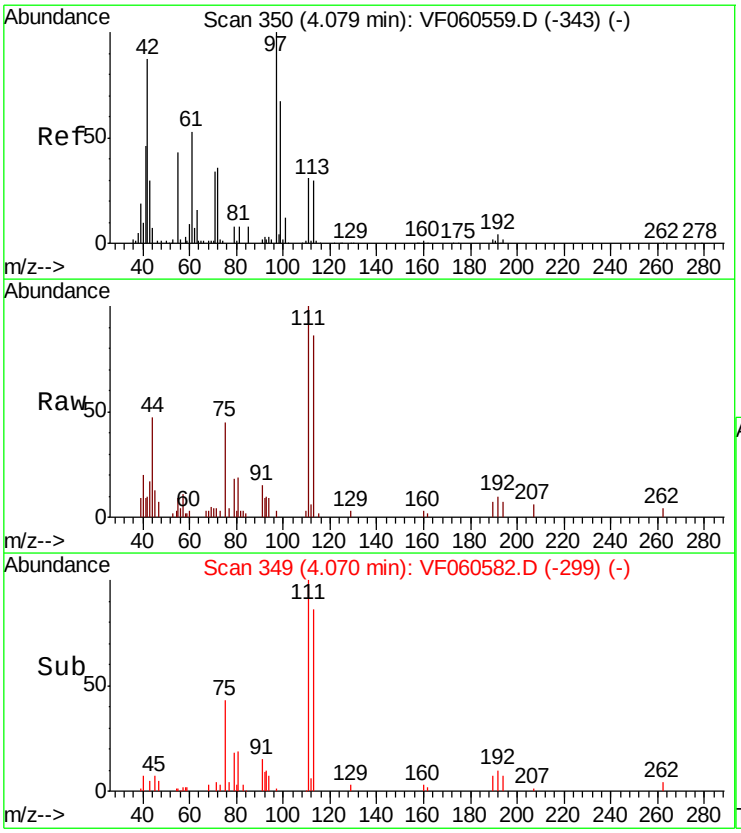
#25
2-Butanone
Concen: Below Cal
RT: 4.33 min Scan# 375
Delta R.T. -0.01 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3104

Ion	Ratio	Lower	Upper
43	100		
72	11.8	16.2	24.2#

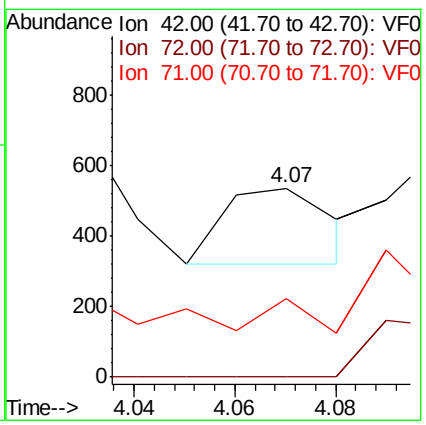


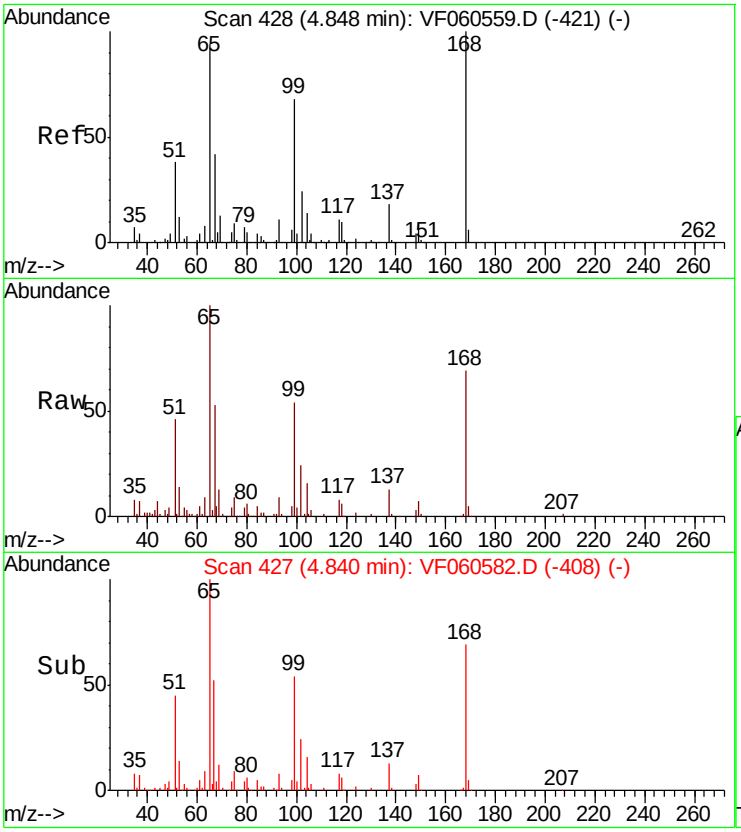


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.07 min Scan# 349
Delta R.T. -0.01 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Tgt Ion: 42 Resp: 320

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	0.0	31.8	47.6#



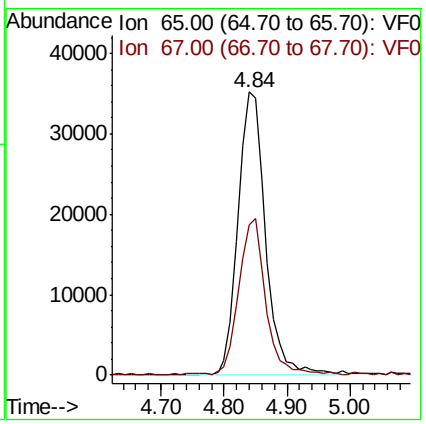


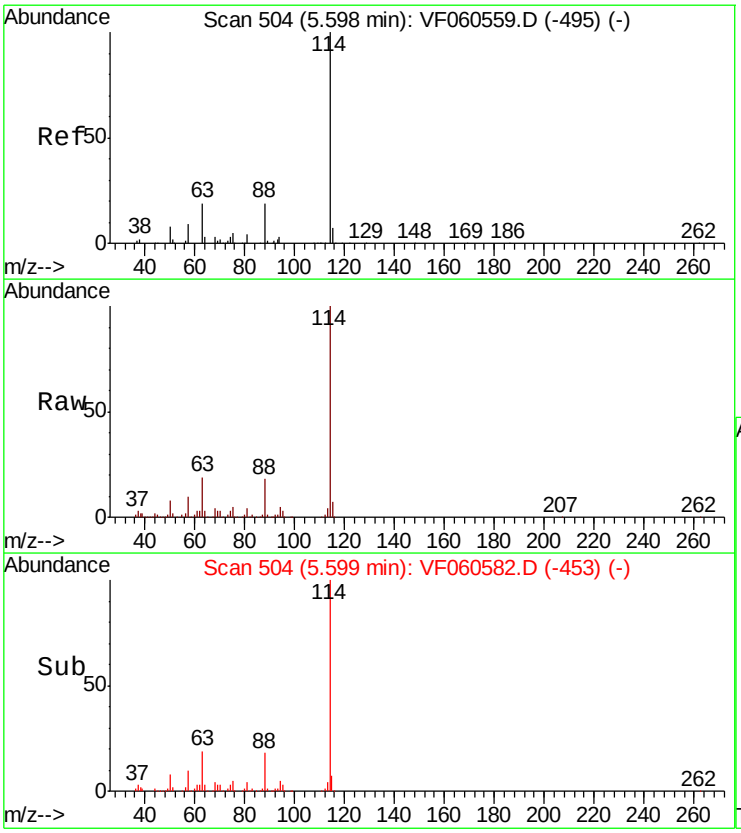
#33
1,2-Dichloroethane-d4
Concen: 43.321 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 106684

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	101.8

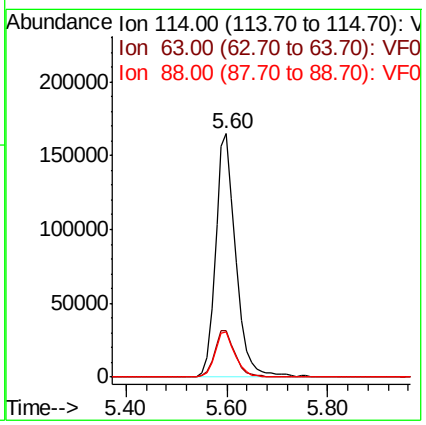


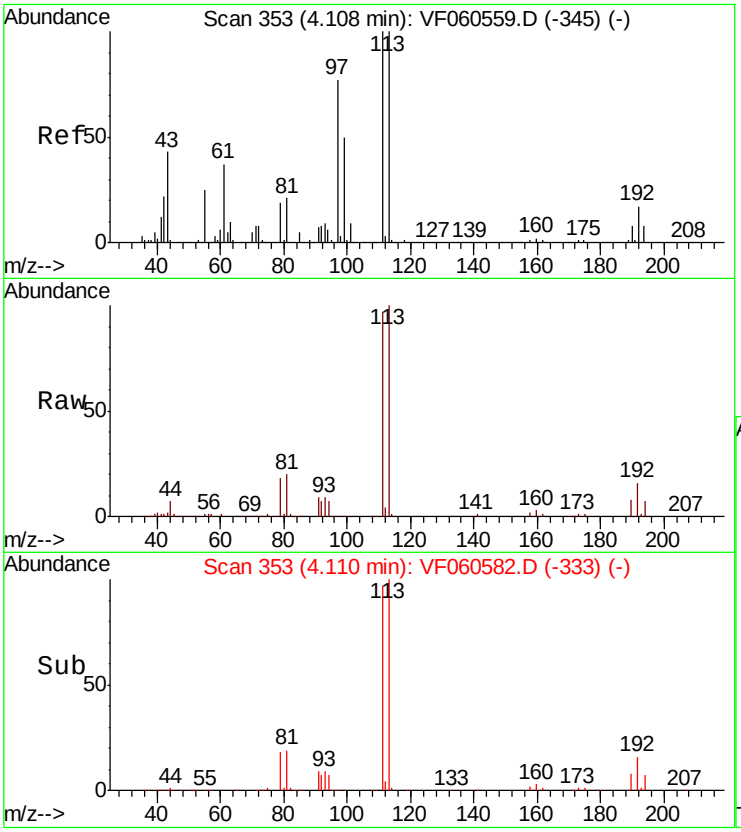


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.00 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Tgt Ion:114 Resp: 460226

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.0
88	18.4	0.0	38.2



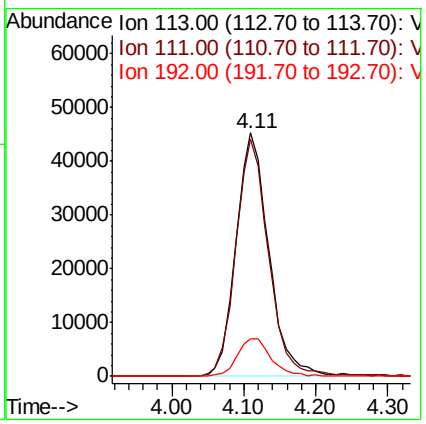


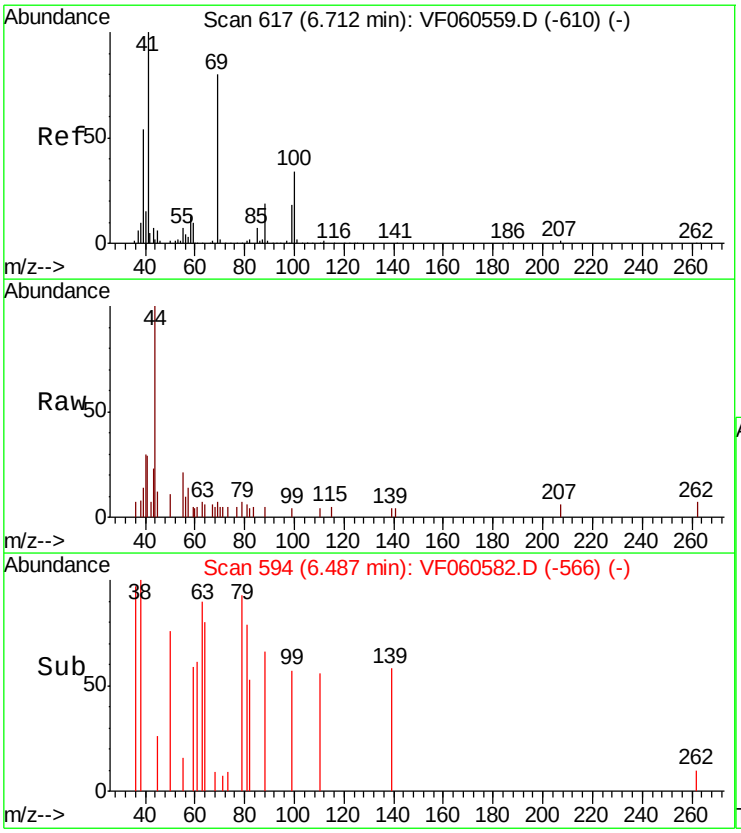
#35
Dibromofluoromethane
Concen: 40.463 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 143873

Ion	Ratio	Lower	Upper
113	100		
111	97.5	79.9	119.9
192	15.6	13.3	19.9

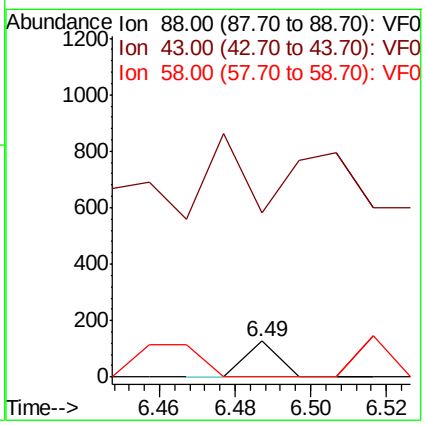


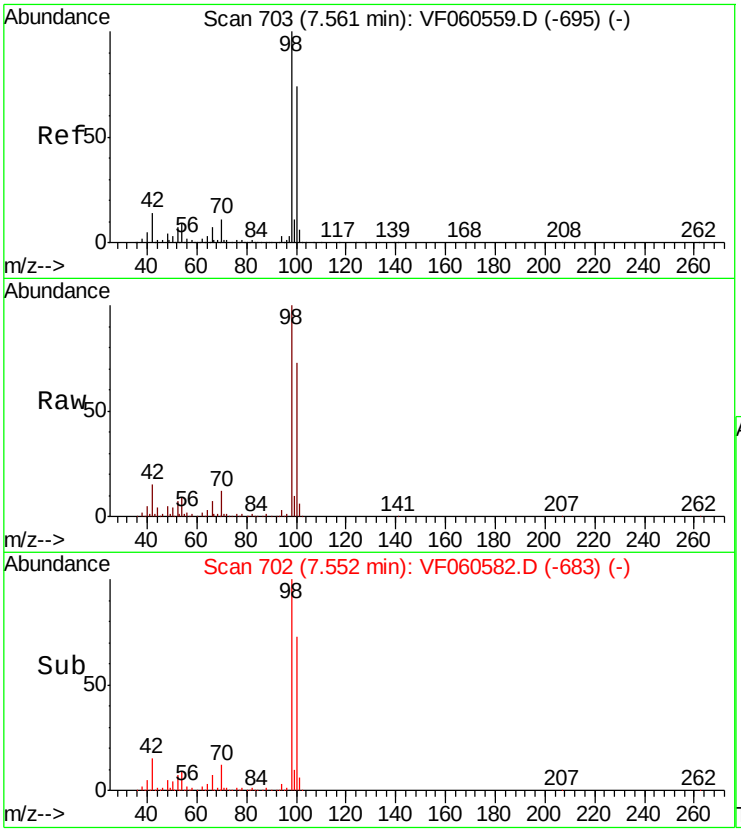


#49
1,4-Dioxane
Concen: 3.707 ug/l
RT: 6.49 min Scan# 594
Delta R.T. -0.23 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Tgt Ion: 88 Resp: 75

Ion	Ratio	Lower	Upper
88	100		
43	459.1	61.2	91.8#
58	0.0	56.9	85.3#



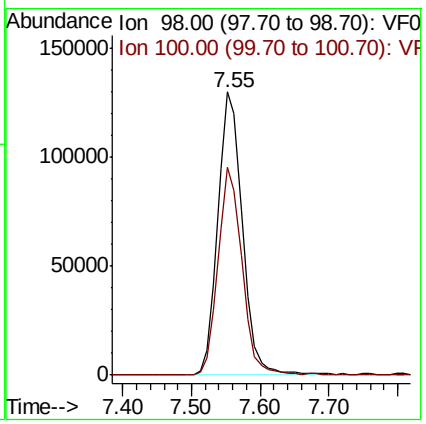


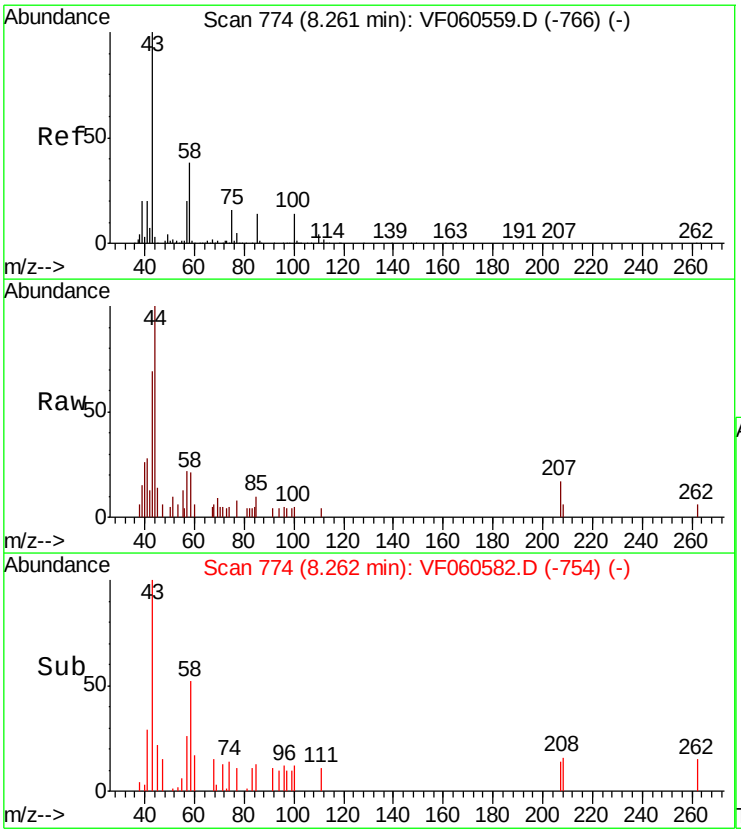
#50
Toluene-d8
Concen: 30.481 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 321053

Ion	Ratio	Lower	Upper
98	100		
100	73.5	59.4	89.2

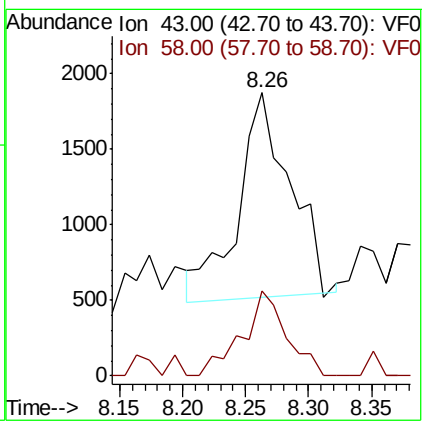


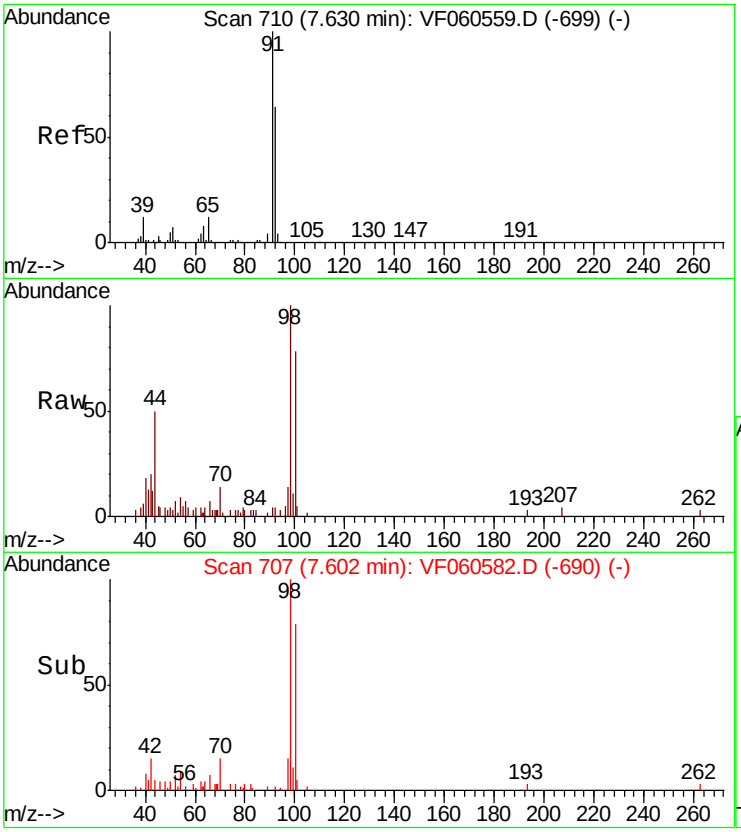


#51
4-Methyl-2-Pentanone
Concen: 1.869 ug/l
RT: 8.26 min Scan# 774
Delta R.T. 0.00 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Tgt Ion: 43 Resp: 3868

Ion	Ratio	Lower	Upper
43	100		
58	29.9	30.1	45.1#



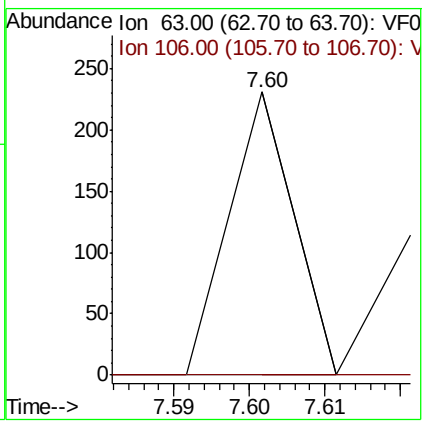


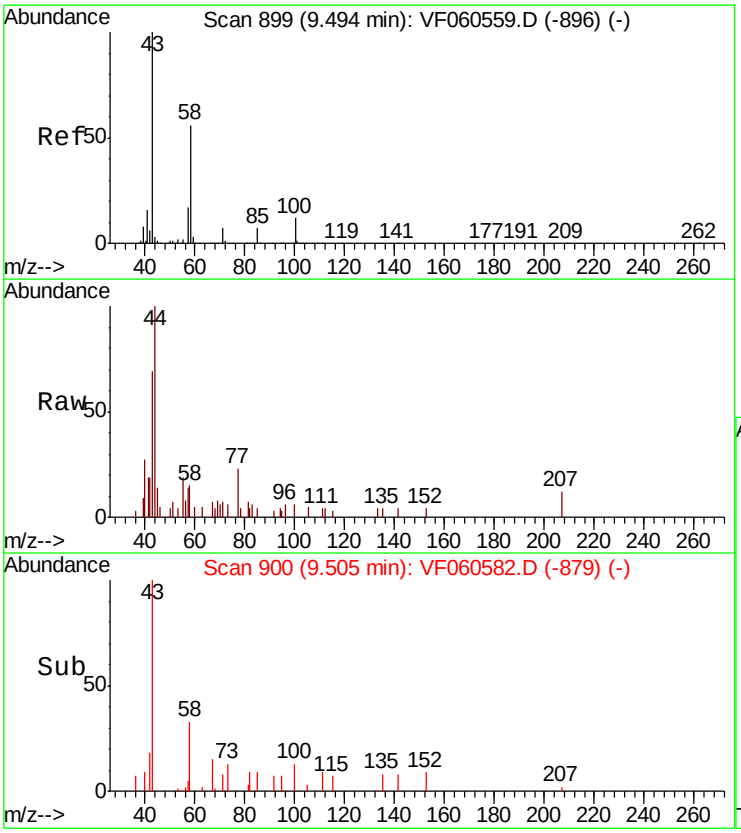
#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.60 min Scan# 707
Delta R.T. -0.03 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 63 Resp: 137

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

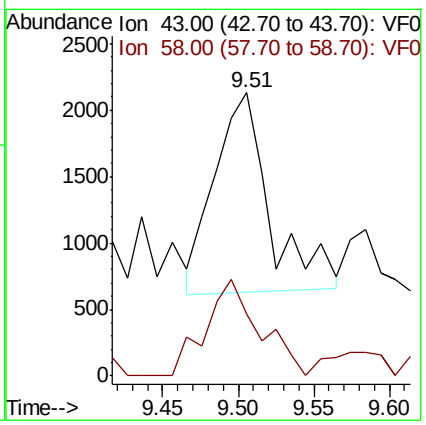


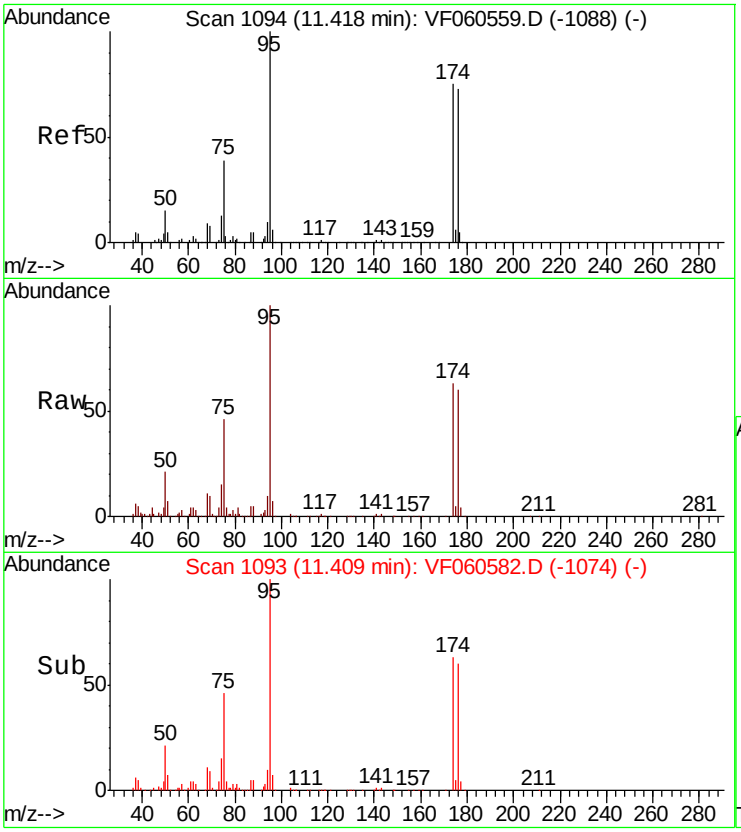


#59
2-Hexanone
Concen: Below Cal
RT: 9.51 min Scan# 900
Delta R.T. 0.01 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Tgt Ion: 43 Resp: 3811

Ion	Ratio	Lower	Upper
43	100		
58	21.8	26.1	78.3#



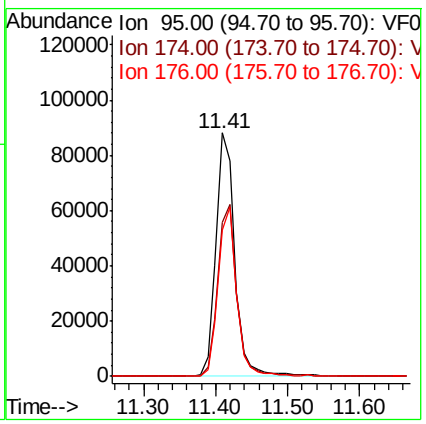


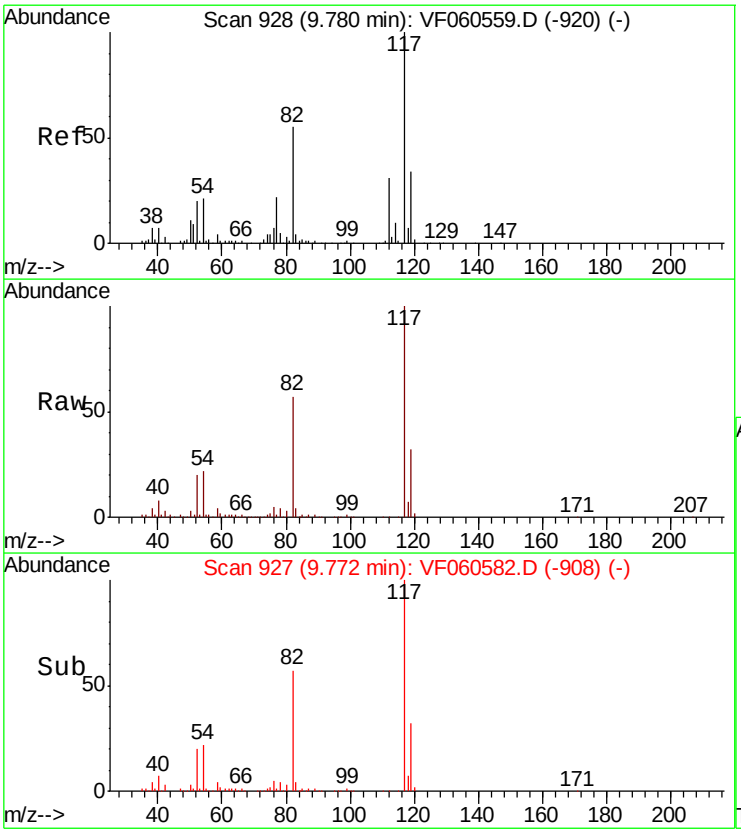
#62
4-Bromofluorobenzene
Concen: 34.200 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 157571

Ion	Ratio	Lower	Upper
95	100		
174	63.4	0.0	149.0
176	60.4	0.0	145.6

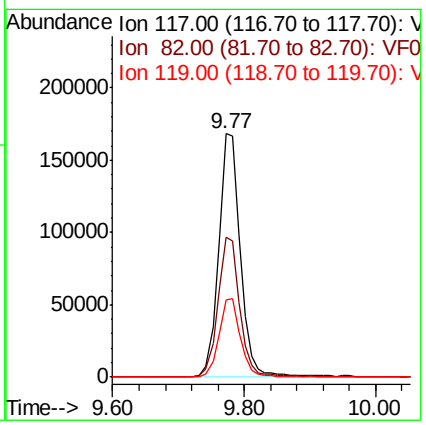


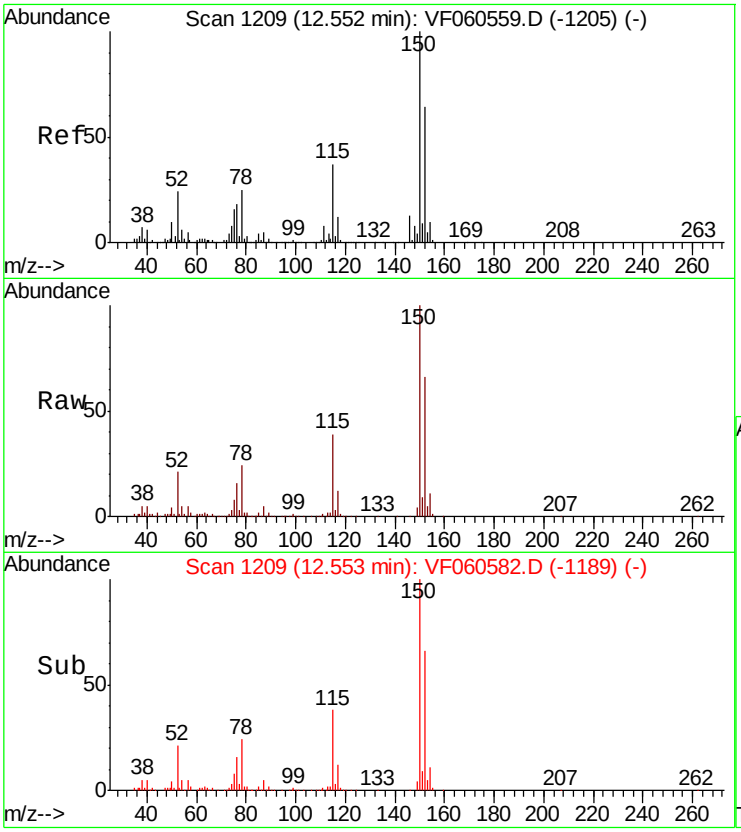


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Tgt Ion:117 Resp: 388263

Ion	Ratio	Lower	Upper
117	100		
82	57.3	43.9	65.9
119	31.5	27.4	41.0



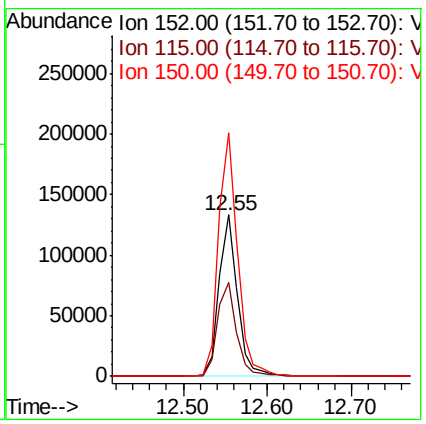


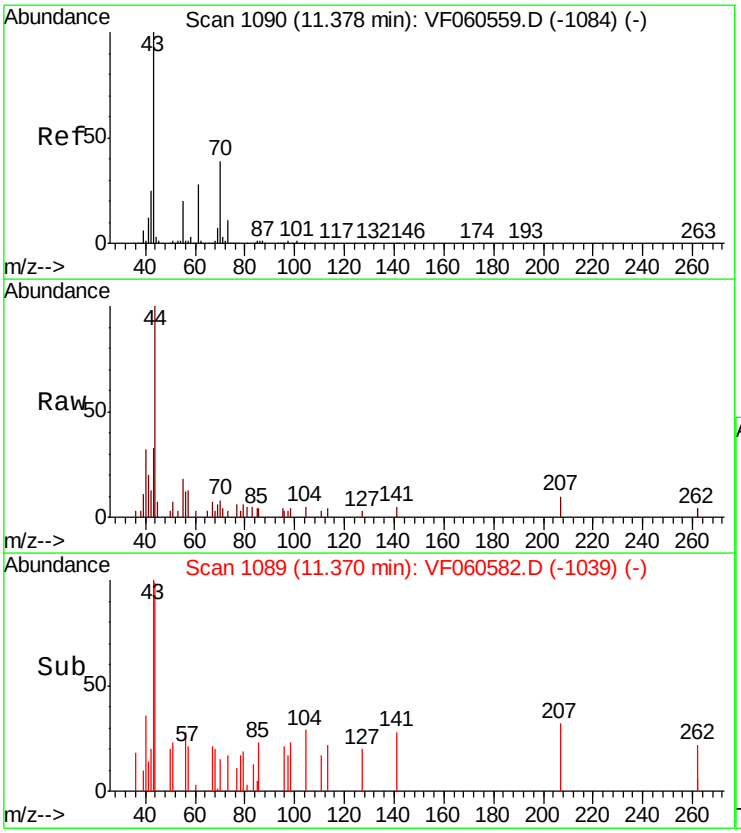
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 203600

Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.6	88.8
150	151.2	0.0	315.6





#74
N-amyl acetate
Concen: Below Cal
RT: 11.37 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VF060582.D
Acq: 5 Nov 2018 20:12

Tgt Ion: 43 Resp: 698

Ion	Ratio	Lower	Upper
43	100		
70	23.7	30.9	46.3#
55	55.1	16.6	24.8#
61	0.0	22.0	33.0#