Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110518\
Data File : VF060607.D
Acq On : 6 Nov 2018 11:01
Operator : VA/AP
Sample : J5803-04RE
Misc : 5.00/5mL/MSVOA-F/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 06 10:32:34 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	4.88	168	178209	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	333949	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	296589	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.57	152	160981	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	108471	60.24	ug/l	0.01
Spiked Amount 50.000			Recovery = 120.48%			
35) Dibromofluoromethane	4.13	113	124824	48.38	ug/l	0.02
Spiked Amount 50.000			Recovery = 96.76%			
50) Toluene-d8	7.57	98	328745	43.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.02%			
62) 4-Bromofluorobenzene	11.42	95	163294	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.96	85	929	Below Cal		90
3) Chloromethane	1.09	50	1833	1.175	ug/l #	45
6) Chloroethane	1.36	64	189	Below Cal #		1
8) Diethyl Ether	1.64	74	658	1.320	ug/l #	13
11) Tert butyl alcohol	2.56	59	264	Below Cal #		1
13) Acrolein	2.00	56	426	Below Cal #		52
15) Acrylonitrile	2.93	53	546	2.544	ug/l #	60
16) Acetone	2.24	43	1226	2.890	ug/l #	74
18) Methyl Acetate	2.40	43	2658	4.474	ug/l #	64
20) Methylene Chloride	2.19	84	5290	Below Cal #		88
25) 2-Butanone	4.43	43	1458	Below Cal		94
29) Tetrahydrofuran	4.07	42	633	Below Cal #		66
49) 1,4-Dioxane	6.58	88	72	4.905	ug/l #	1
51) 4-Methyl-2-Pentanone	8.29	43	2416	1.609	ug/l #	86
58) 2-Chloroethyl Vinyl ether	7.58	63	309	Below Cal		100
59) 2-Hexanone	9.50	43	3089	Below Cal		63
74) N-amyl acetate	11.36	43	448	Below Cal #		41
89) n-Butylbenzene	12.85	91	1470	Below Cal		72

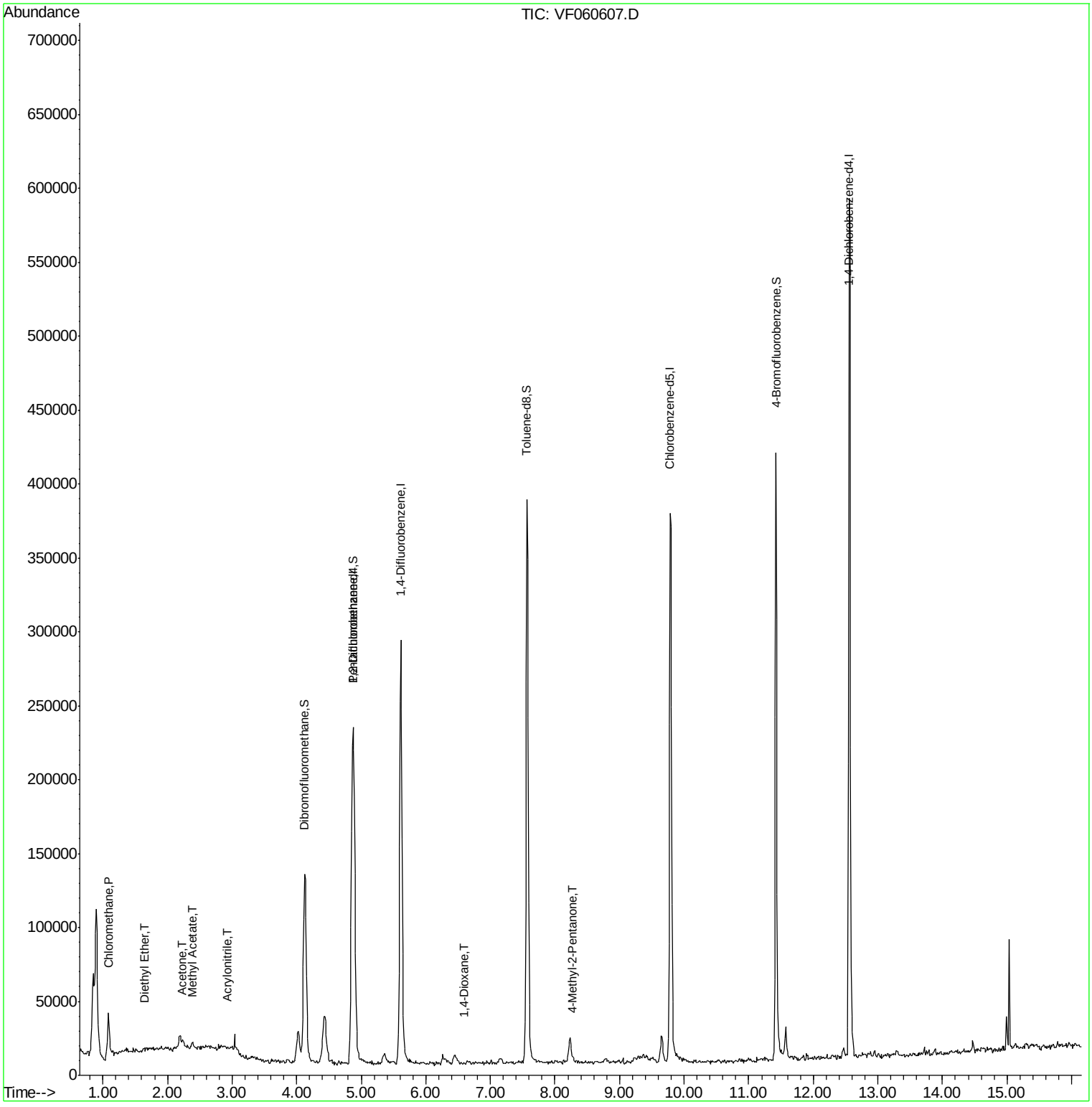
(#) = qualifier out of range (m) = manual integration (+) = signals summed

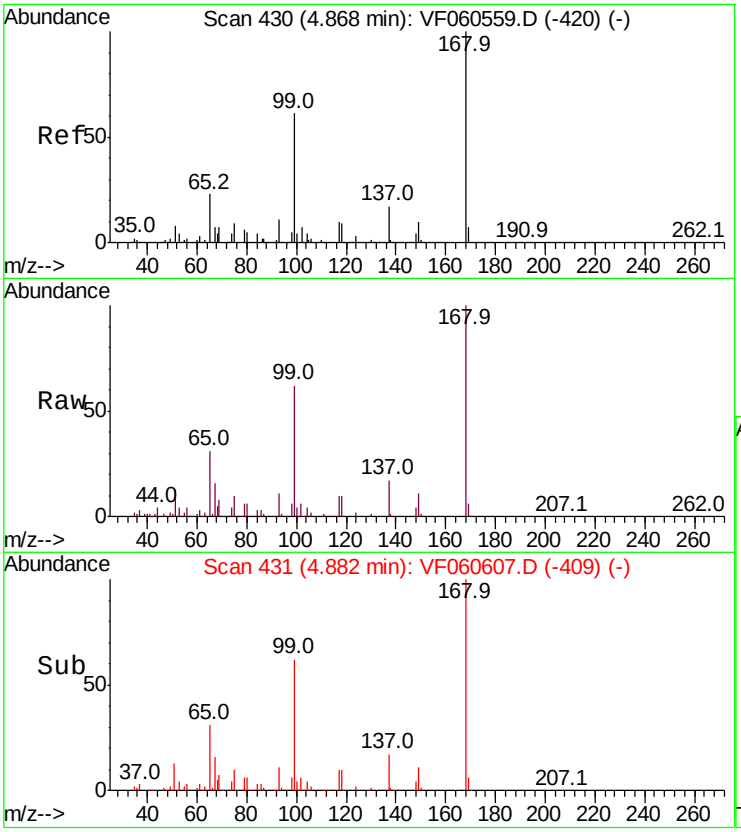
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060607.D
Acq On : 6 Nov 2018 11:01
Operator : VA/AP
Sample : J5803-04RE
Misc : 5.00/5mL/MSVOA-F/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 06 10:32:34 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



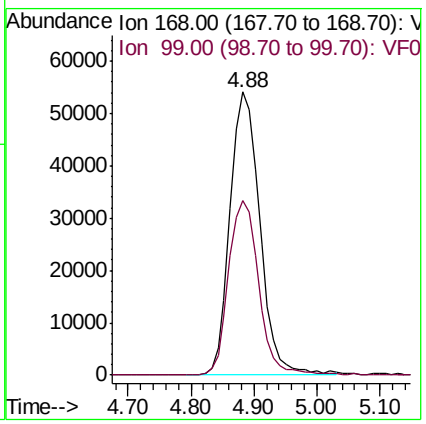


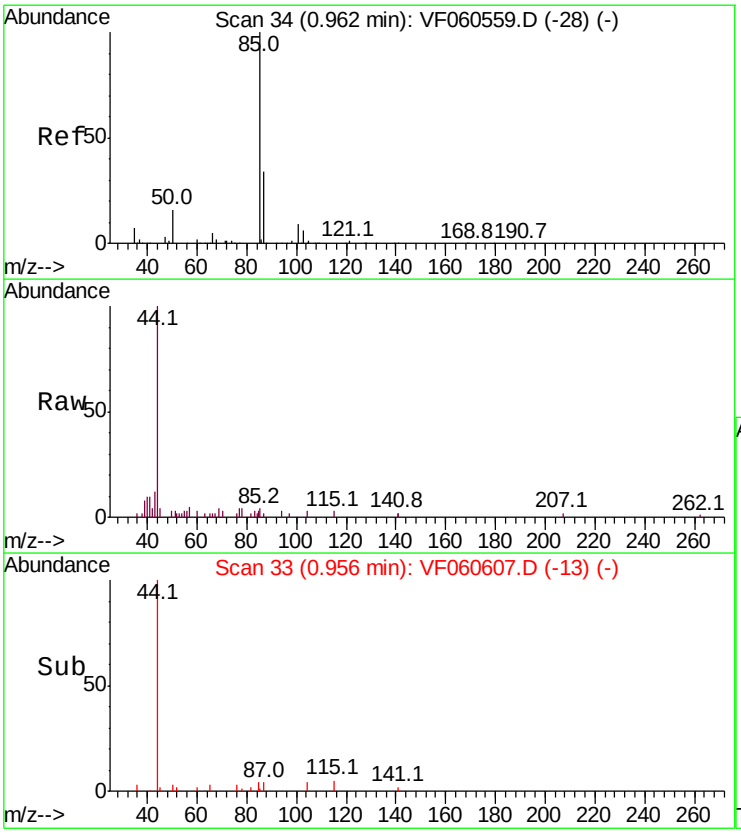
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 178209

Ion	Ratio	Lower	Upper
168	100		
99	61.9	48.6	72.8

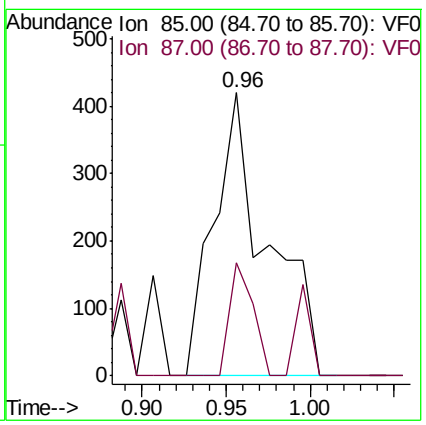


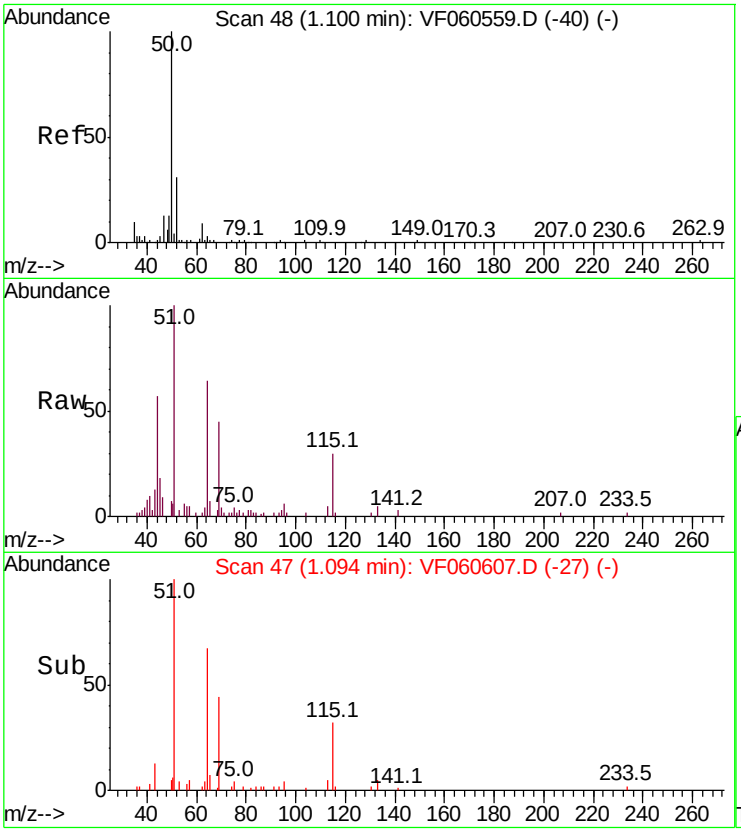


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.96 min Scan# 33
Delta R.T. -0.00 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Tgt Ion: 85 Resp: 929

Ion	Ratio	Lower	Upper
85	100		
87	39.8	16.9	50.7



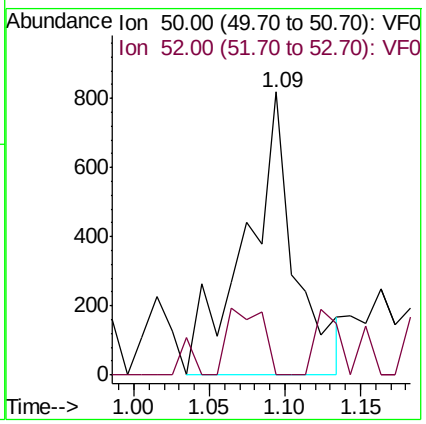


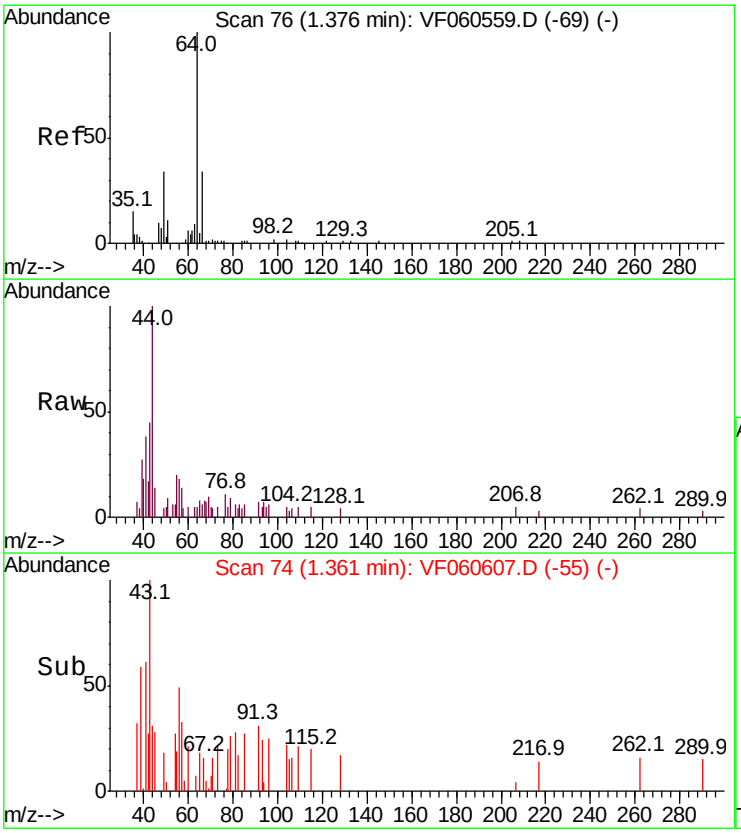
#3
Chloromethane
Concen: 1.175 ug/l
RT: 1.09 min Scan# 47
Delta R.T. -0.01 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 50 Resp: 1833

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.0	36.0#

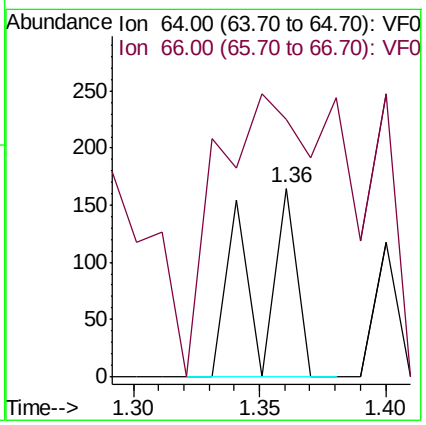


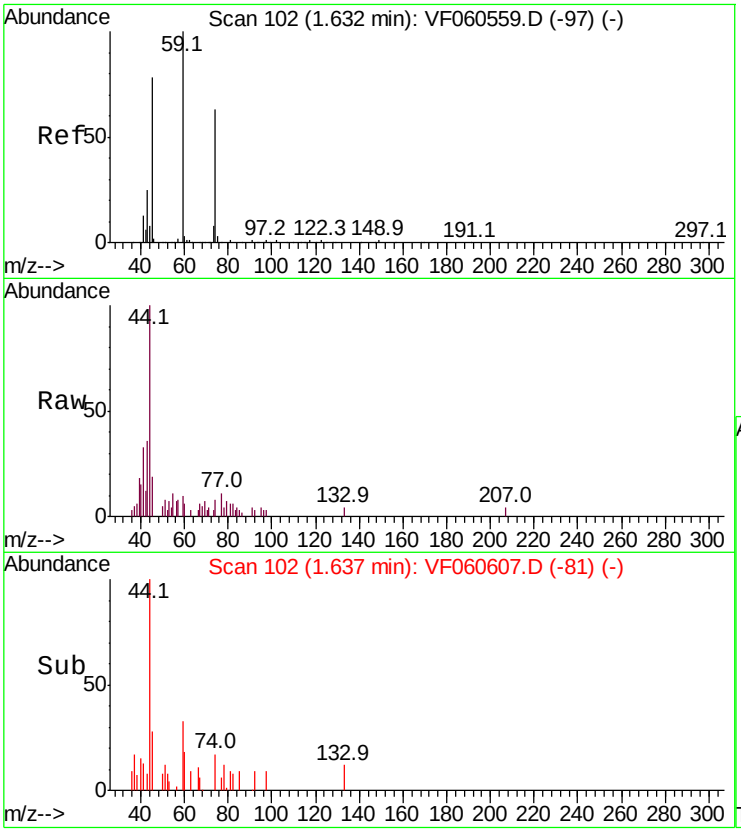


#6
Chloroethane
Concen: Below Cal
RT: 1.36 min Scan# 74
Delta R.T. -0.01 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Tgt Ion: 64 Resp: 189

Ion	Ratio	Lower	Upper
64	100		
66	136.4	27.8	41.8#



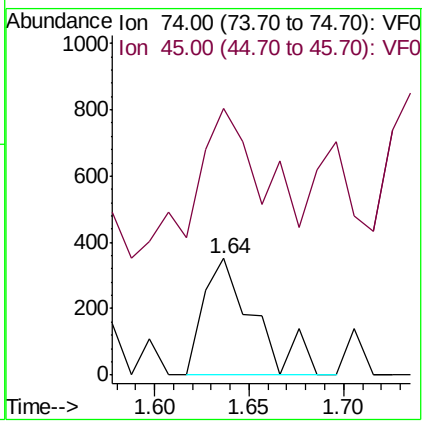


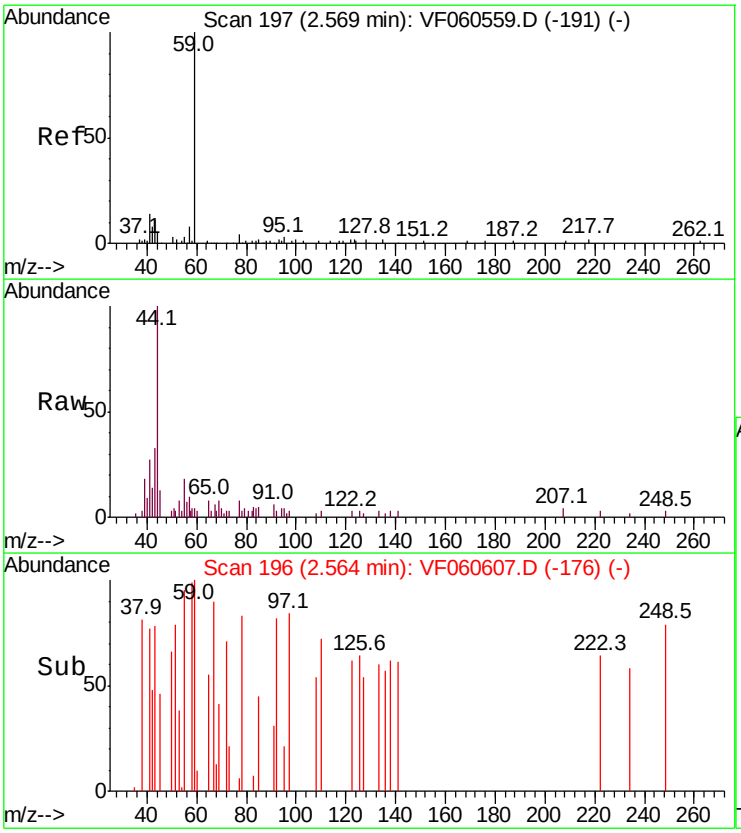
#8
Diethyl Ether
Concen: 1.320 ug/l
RT: 1.64 min Scan# 102
Delta R.T. 0.00 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 74 Resp: 658

Ion	Ratio	Lower	Upper
74	100		
45	228.4	63.8	191.5#

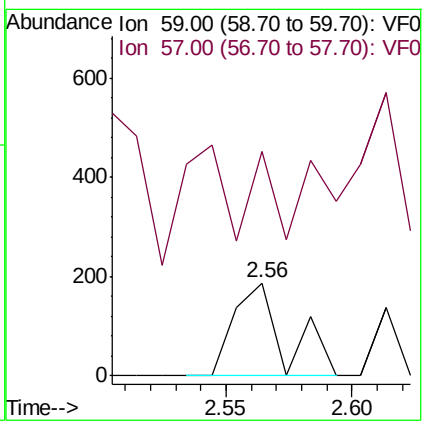


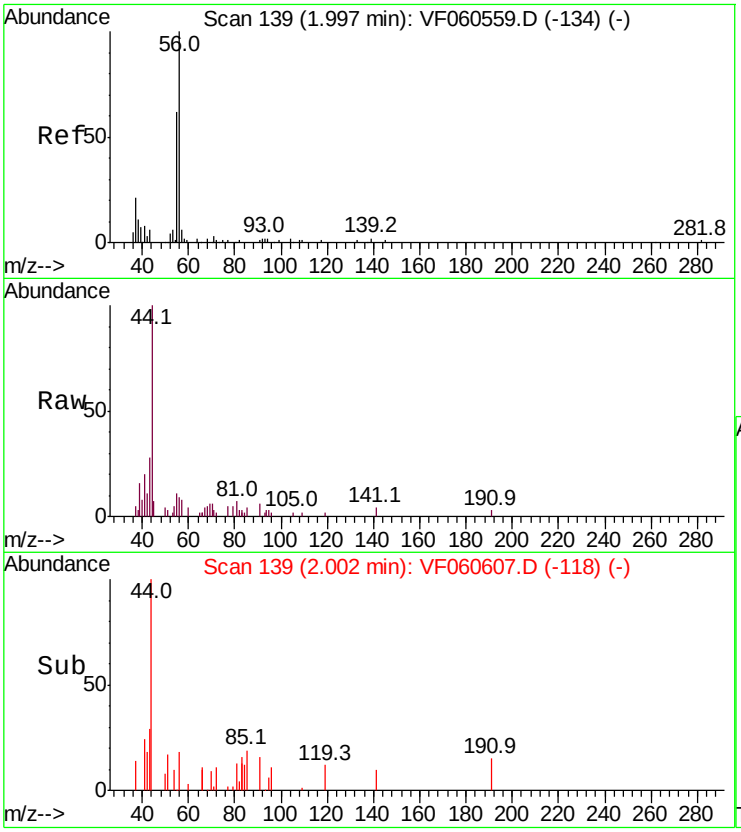


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.56 min Scan# 196
Delta R.T. -0.00 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Tgt Ion: 59 Resp: 264

Ion	Ratio	Lower	Upper
59	100		
57	241.0	19.0	28.4#



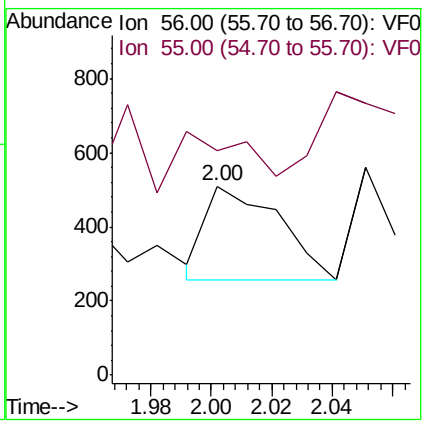


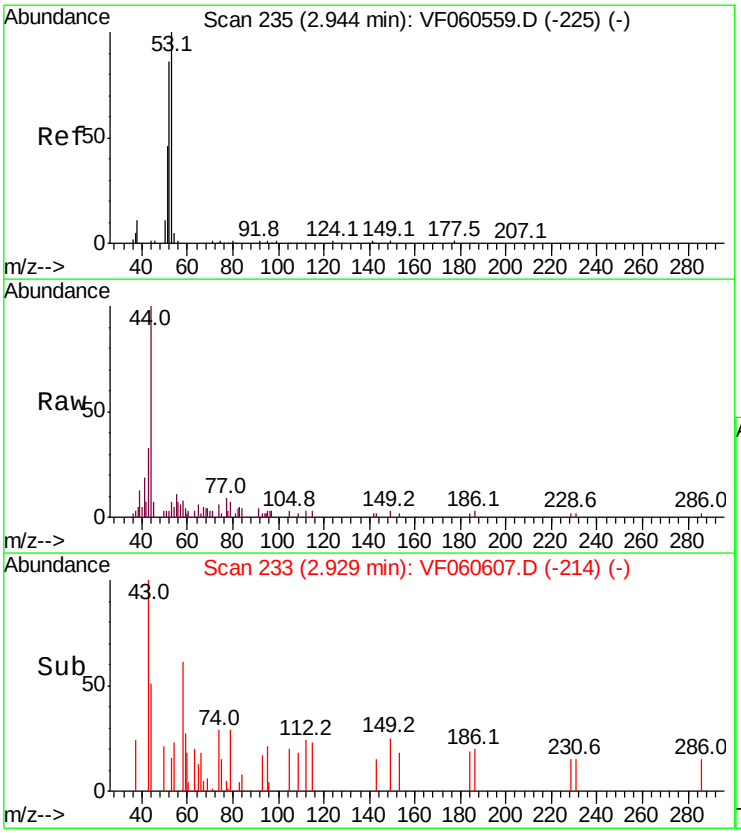
#13
Acrolein
Concen: Below Cal
RT: 2.00 min Scan# 139
Delta R.T. 0.00 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 56 Resp: 426

Ion	Ratio	Lower	Upper
56	100		
55	119.1	61.8	92.6#

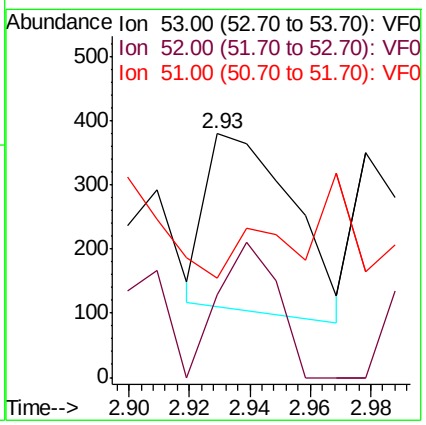


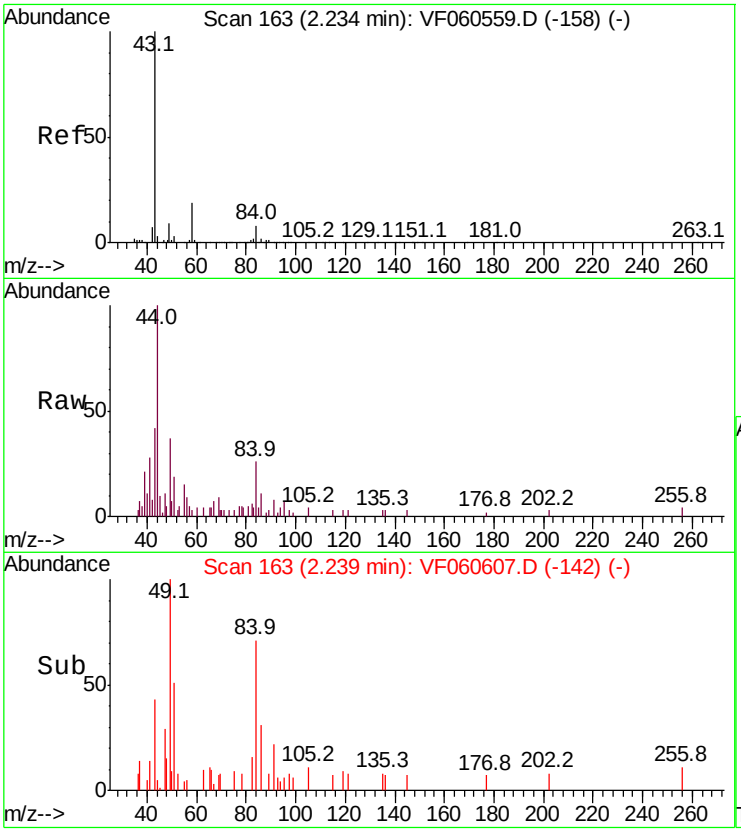


#15
Acrylonitrile
Concen: 2.544 ug/l
RT: 2.93 min Scan# 233
Delta R.T. -0.02 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Tgt Ion: 53 Resp: 546

Ion	Ratio	Lower	Upper
53	100		
52	34.0	68.5	102.7#
51	40.6	38.2	57.2



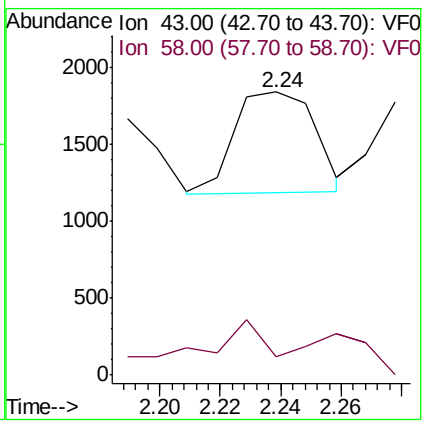


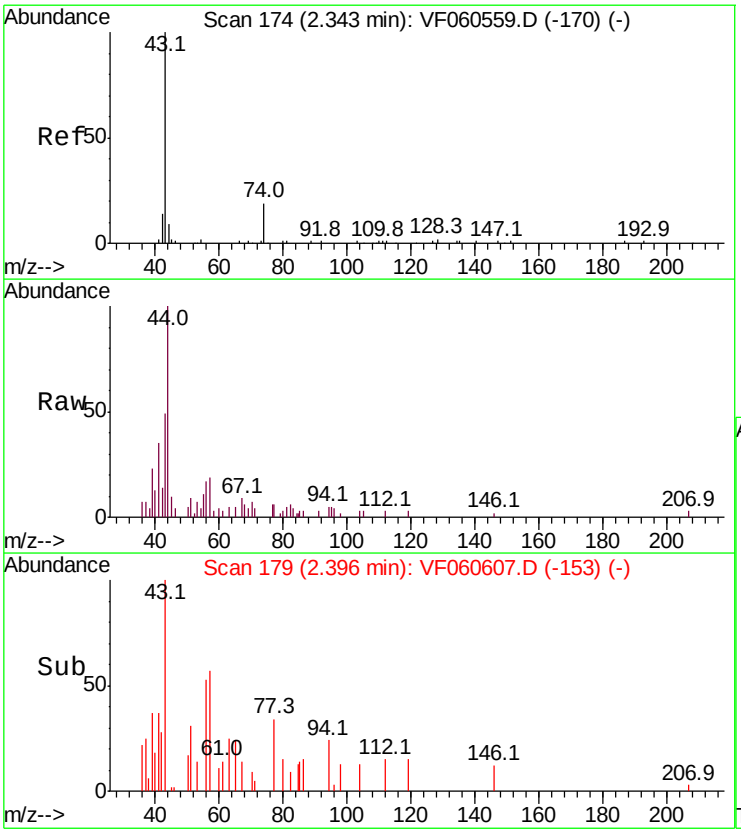
#16
Acetone
Concen: 2.890 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1226

Ion	Ratio	Lower	Upper
43	100		
58	6.6	14.6	22.0#

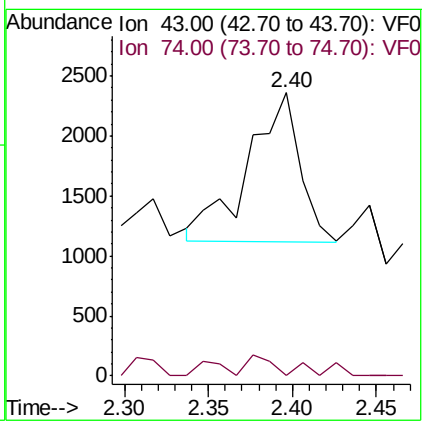


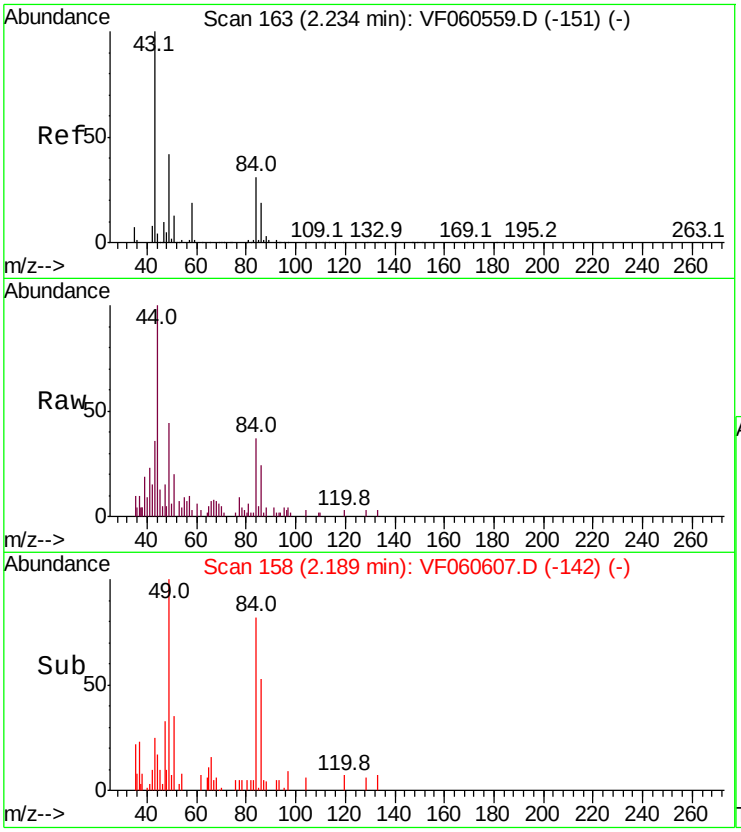


#18
Methyl Acetate
Concen: 4.474 ug/l
RT: 2.40 min Scan# 179
Delta R.T. 0.05 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Tgt Ion: 43 Resp: 2658

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#



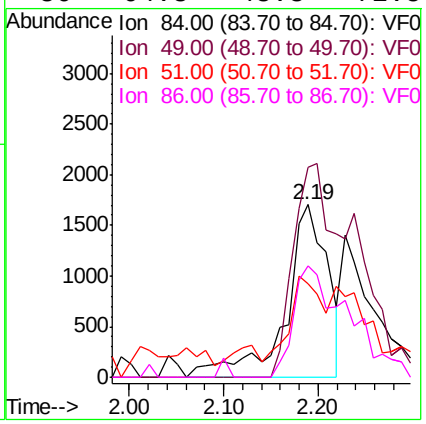


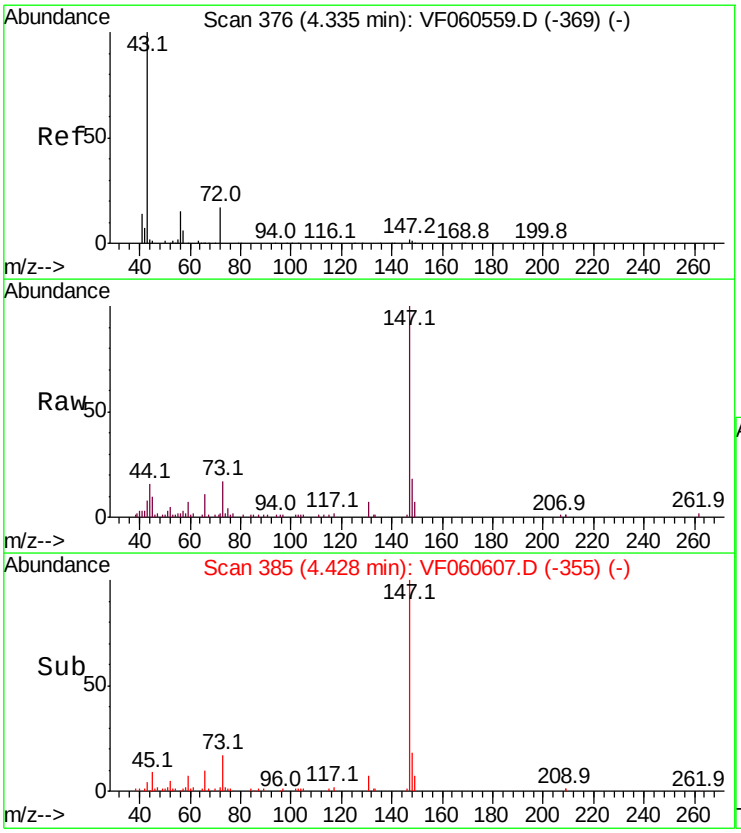
#20
Methylene Chloride
Concen: Below Cal
RT: 2.19 min Scan# 158
Delta R.T. -0.04 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 84 Resp: 5290

Ion	Ratio	Lower	Upper
84	100		
49	121.3	109.9	164.9
51	53.9	35.8	53.8#
86	64.8	48.3	72.5

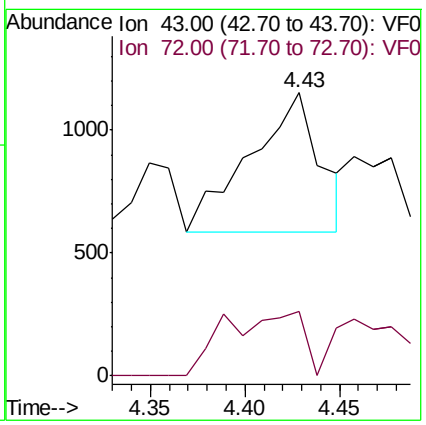


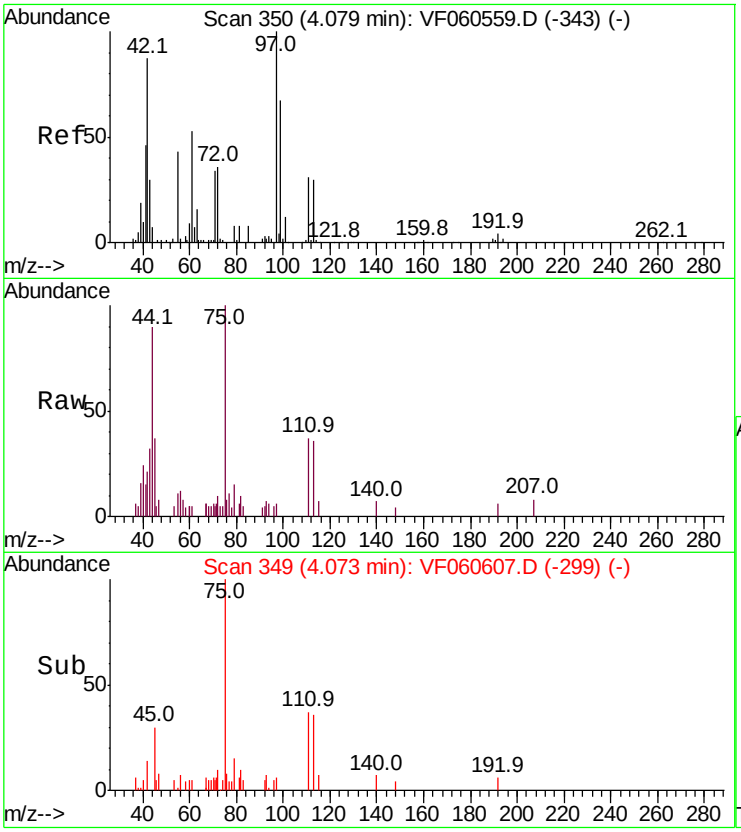


#25
2-Butanone
Concen: Below Cal
RT: 4.43 min Scan# 385
Delta R.T. 0.09 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Tgt Ion: 43 Resp: 1458

Ion	Ratio	Lower	Upper
43	100		
72	22.9	16.2	24.2



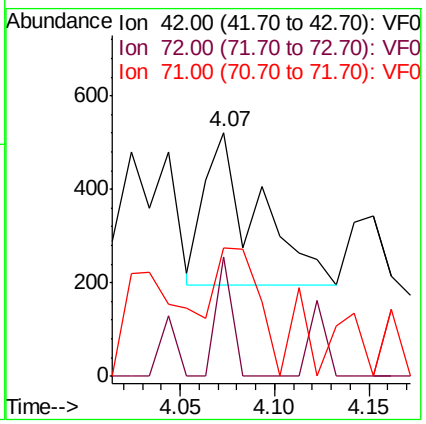


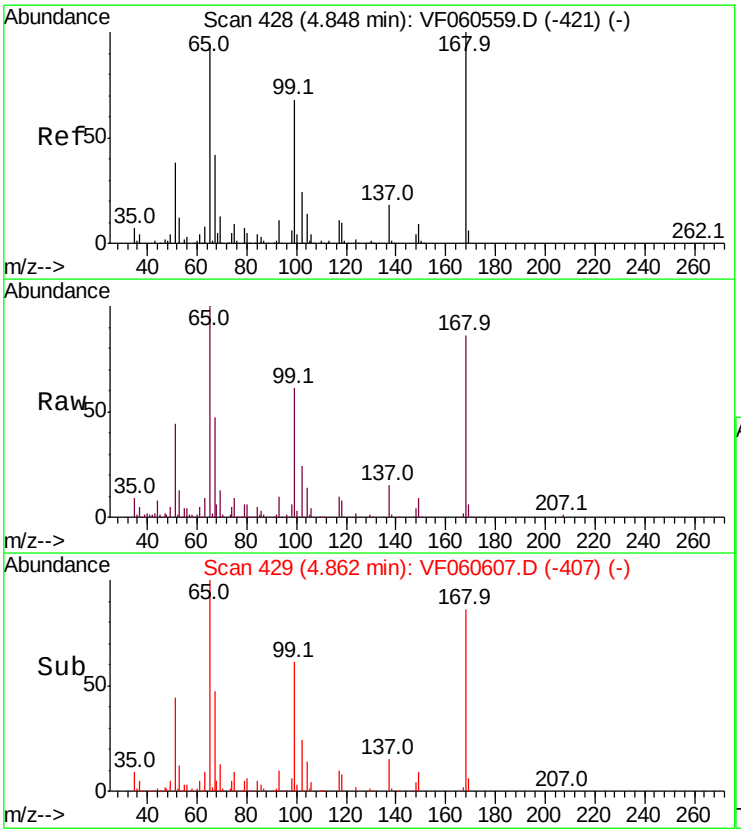
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.07 min Scan# 349
Delta R.T. -0.00 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 633

Ion	Ratio	Lower	Upper
42	100		
72	23.7	31.4	47.0#
71	65.9	31.8	47.6#

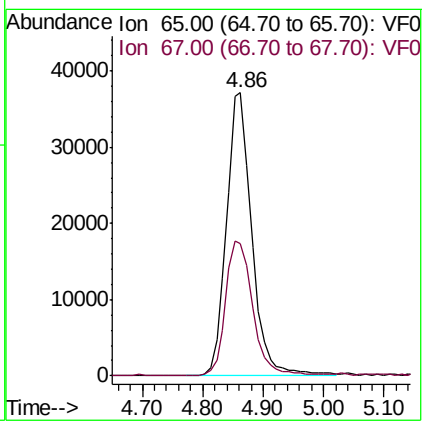


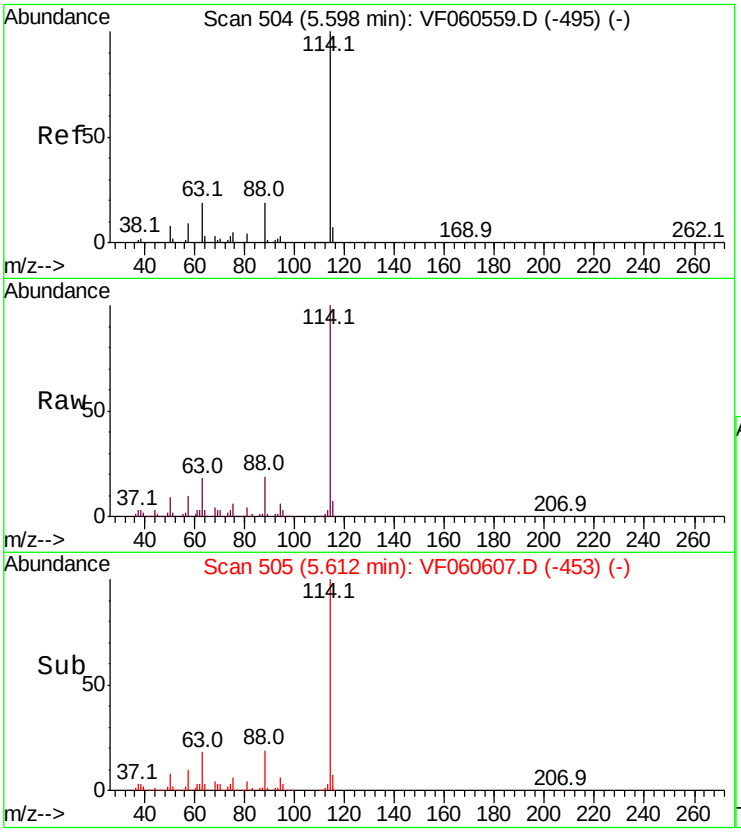


#33
1,2-Dichloroethane-d4
Concen: 60.243 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.01 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Tgt Ion: 65 Resp: 108471

Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	101.8



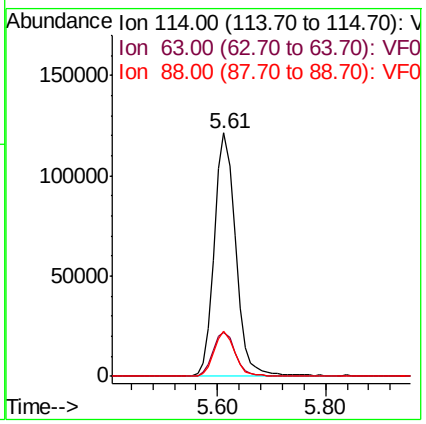


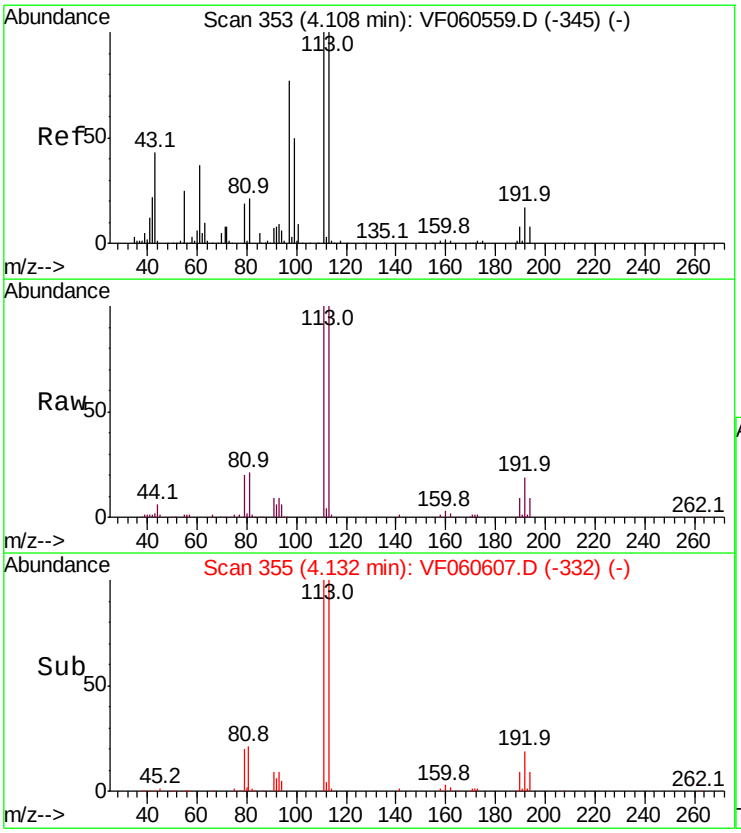
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 333949

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	39.0
88	18.7	0.0	38.2

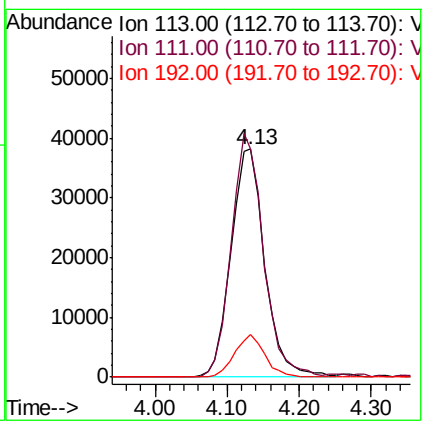


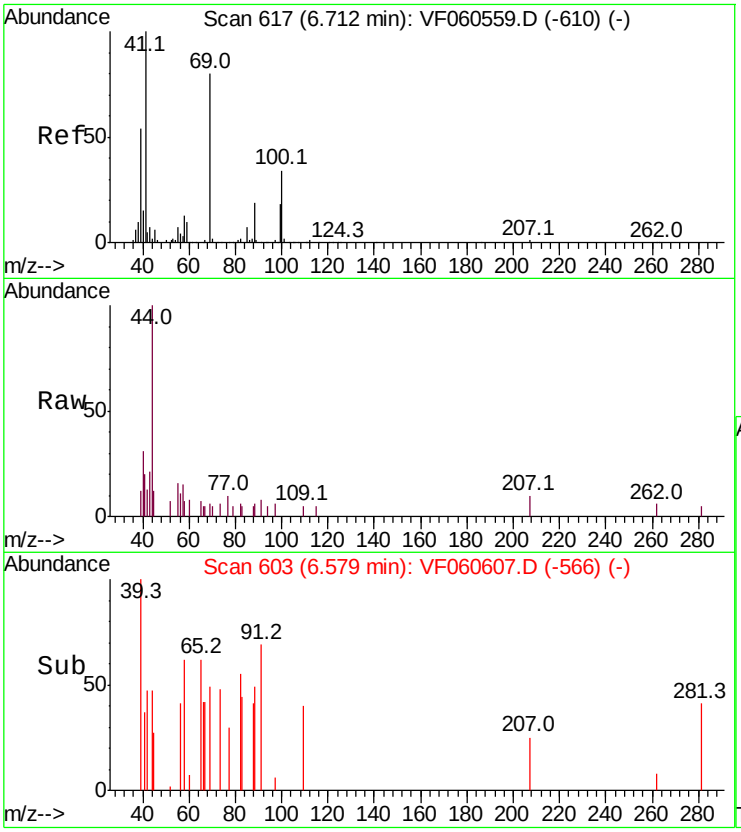


#35
Dibromofluoromethane
Concen: 48.380 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Tgt Ion:113 Resp: 124824

Ion	Ratio	Lower	Upper
113	100		
111	100.1	79.9	119.9
192	18.8	13.3	19.9



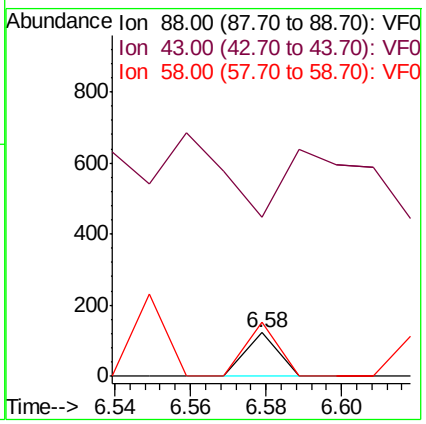


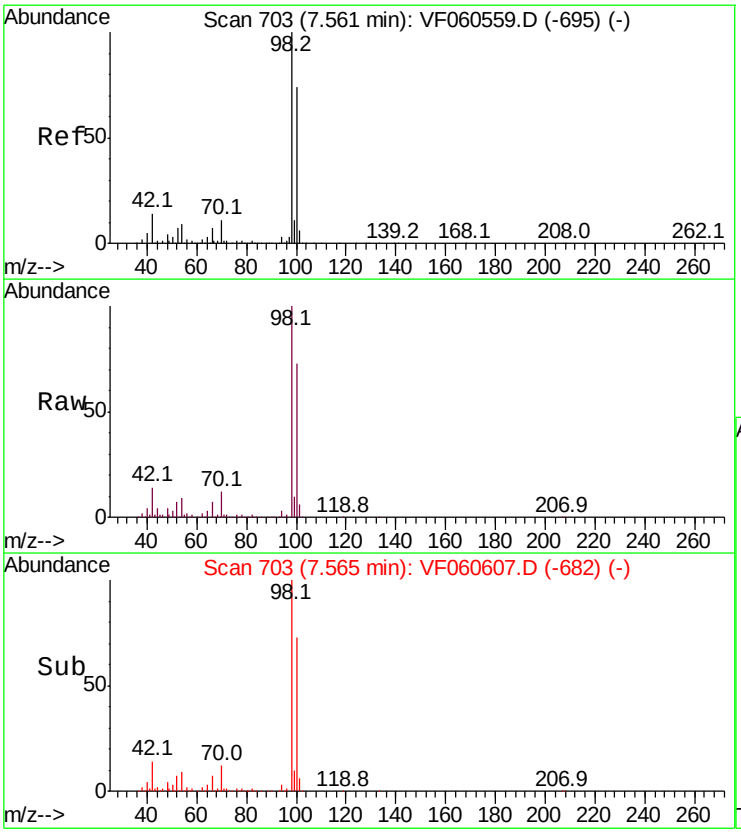
#49
1,4-Dioxane
Concen: 4.905 ug/l
RT: 6.58 min Scan# 603
Delta R.T. -0.13 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 72

Ion	Ratio	Lower	Upper
88	100		
43	367.2	61.2	91.8#
58	125.4	56.9	85.3#

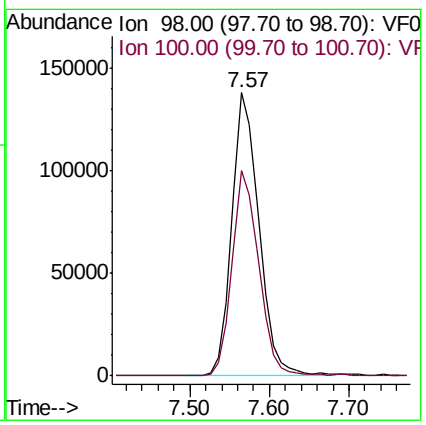


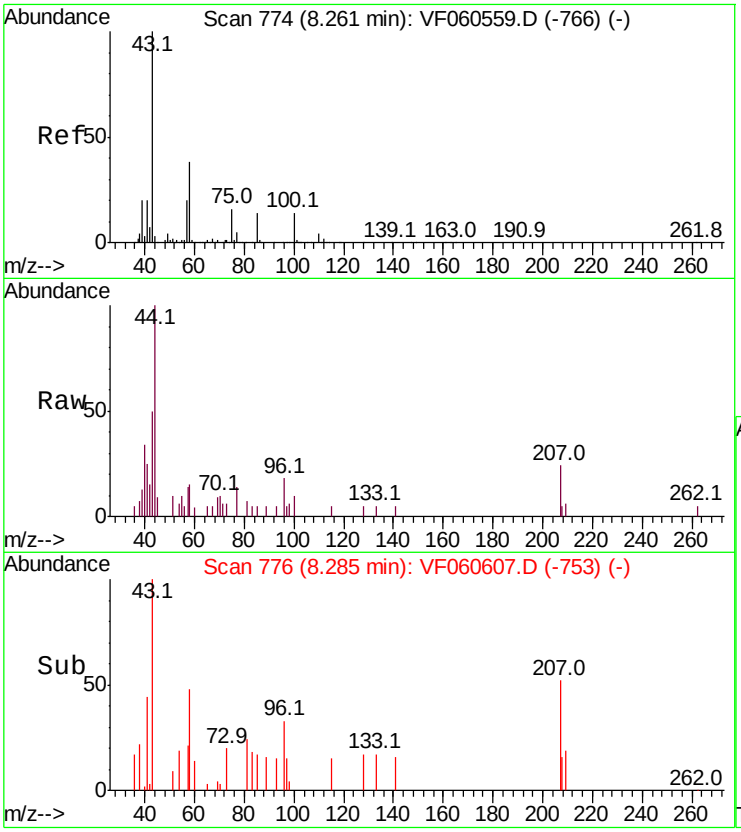


#50
Toluene-d8
Concen: 43.013 ug/l
RT: 7.57 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Tgt Ion: 98 Resp: 328745

Ion	Ratio	Lower	Upper
98	100		
100	72.7	59.4	89.2



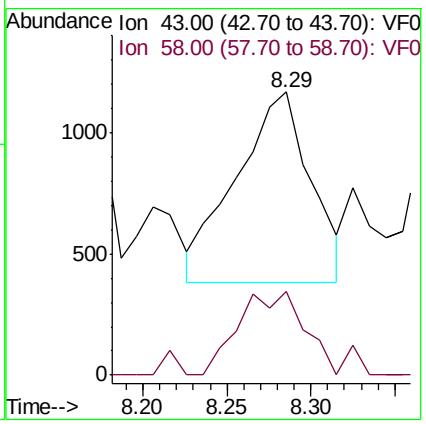


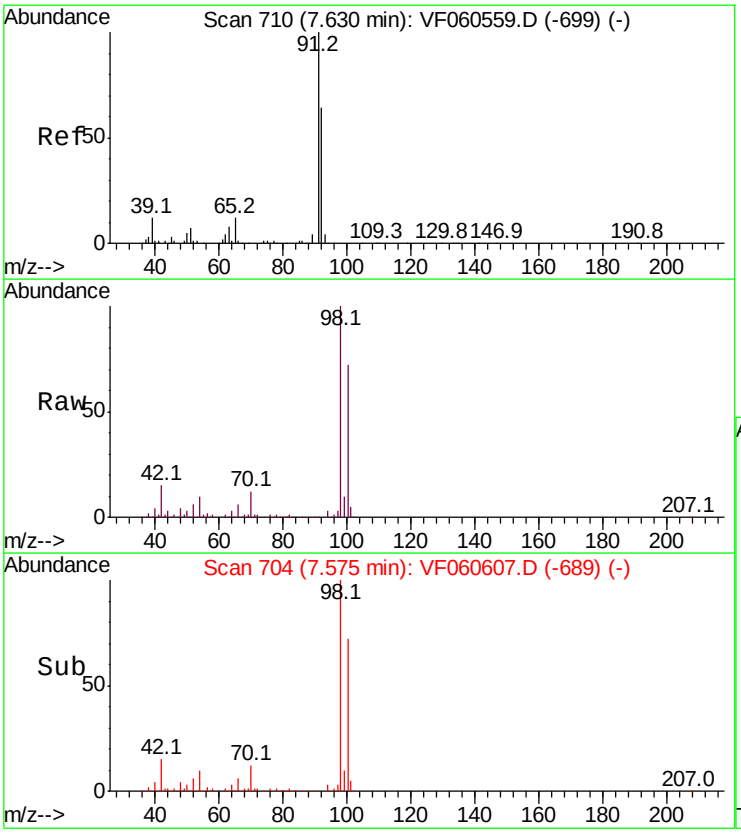
#51
4-Methyl-2-Pentanone
Concen: 1.609 ug/l
RT: 8.29 min Scan# 776
Delta R.T. 0.02 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2416

Ion	Ratio	Lower	Upper
43	100		
58	29.5	30.1	45.1#

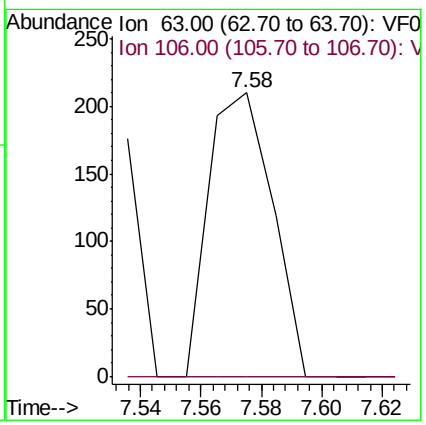


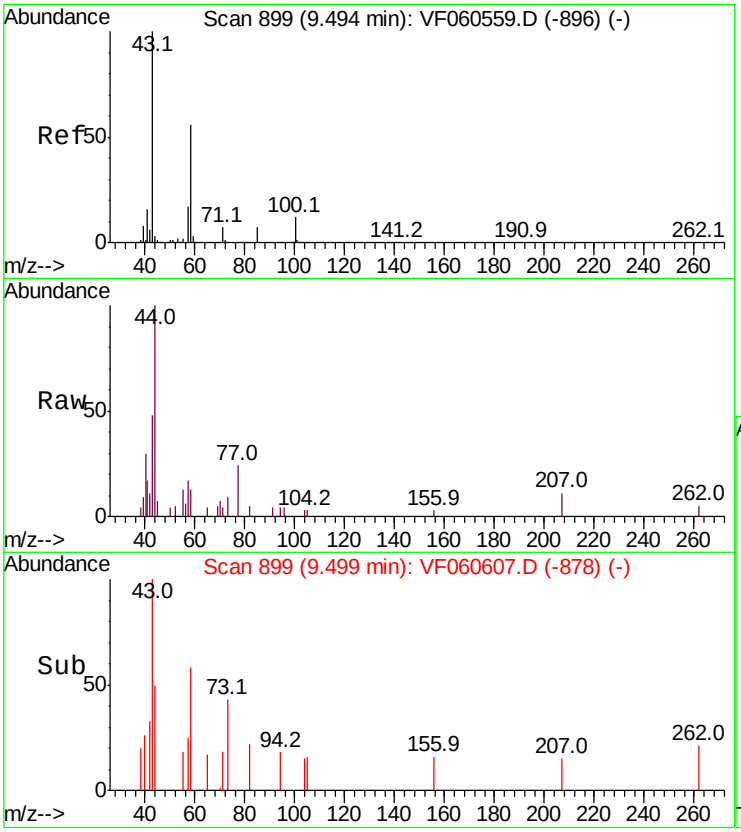


#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.58 min Scan# 704
Delta R.T. -0.05 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Tgt Ion: 63 Resp: 309

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



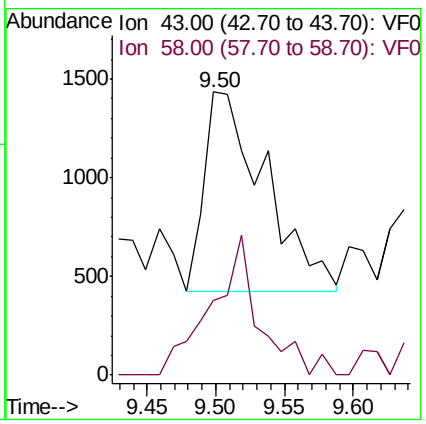


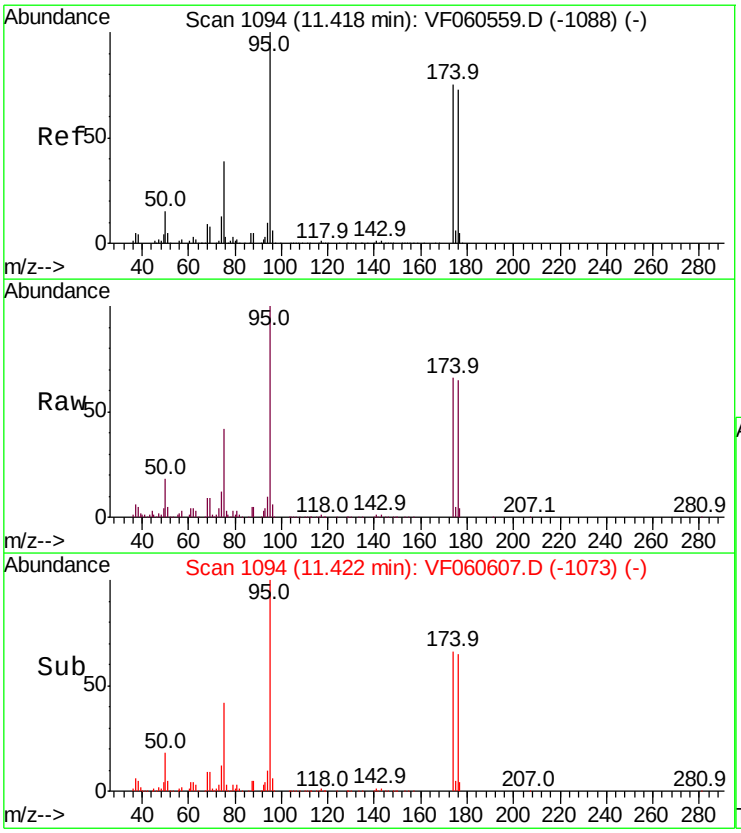
#59
2-Hexanone
Concen: Below Cal
RT: 9.50 min Scan# 899
Delta R.T. 0.00 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3089

Ion	Ratio	Lower	Upper
43	100		
58	26.2	26.1	78.3

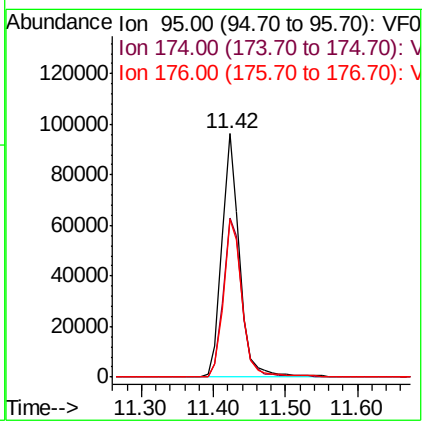


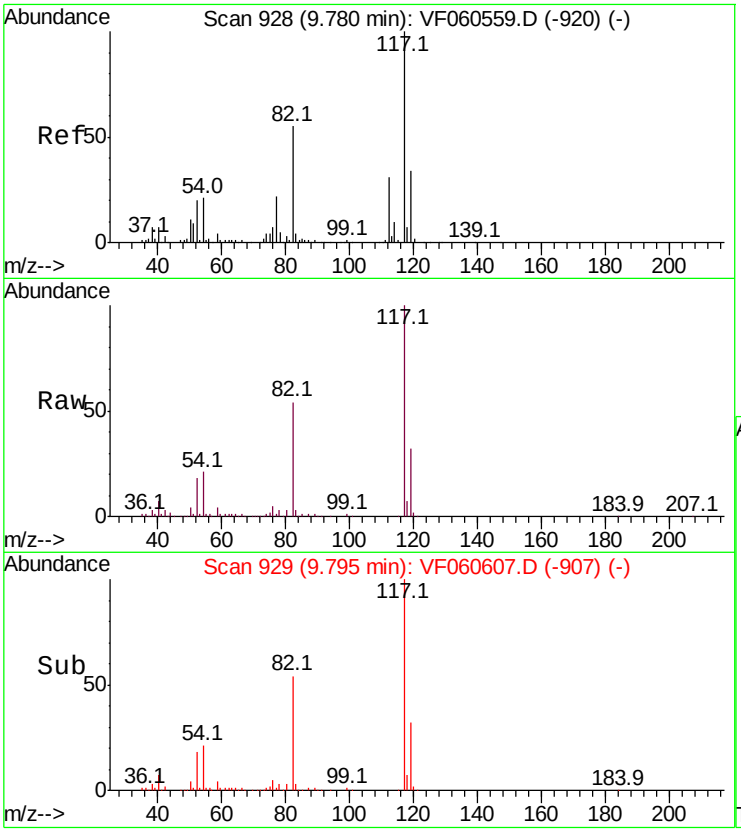


#62
4-Bromofluorobenzene
Concen: 48.844 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Tgt Ion: 95 Resp: 163294

Ion	Ratio	Lower	Upper
95	100		
174	65.6	0.0	149.0
176	64.6	0.0	145.6



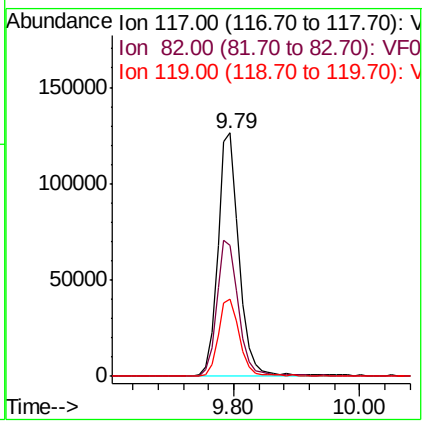


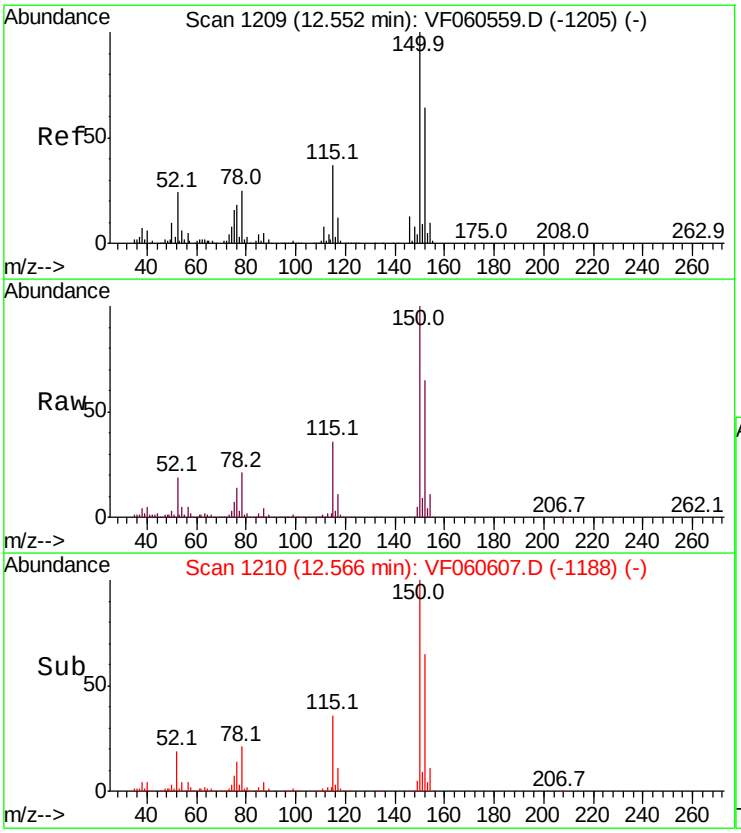
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 296589

Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.9	65.9
119	31.6	27.4	41.0

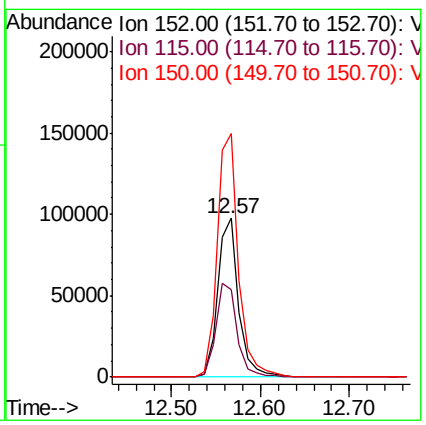


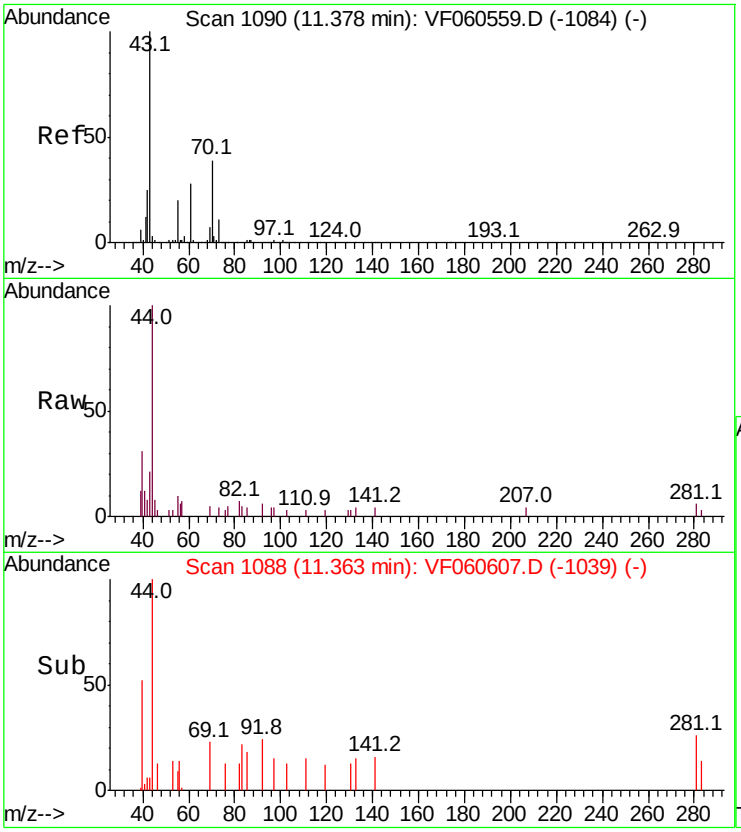


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Tgt Ion:152 Resp: 160981

Ion	Ratio	Lower	Upper
152	100		
115	55.4	29.6	88.8
150	153.5	0.0	315.6





#74
N-amyl acetate
Concen: Below Cal
RT: 11.36 min Scan# 1088
Delta R.T. -0.02 min
Lab File: VF060607.D
Acq: 6 Nov 2018 11:01

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 448

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.9	46.3#
55	49.0	16.6	24.8#
61	0.0	22.0	33.0#