Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110918\
Data File : VF060673.D
Acq On : 9 Nov 2018 15:45
Operator : VA/AP
Sample : J5864-02
Misc : 4.35g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : OLDMANS-2

Quant Time: Nov 12 04:13:13 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	240518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	401254	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	379397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	212328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	135462	55.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.48%			
35) Dibromofluoromethane	4.11	113	158501	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.26%			
50) Toluene-d8	7.55	98	410433	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.38%			
62) 4-Bromofluorobenzene	11.41	95	195122	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.96	85	950	Below Cal		84
6) Chloroethane	1.36	64	62	Below Cal	#	1
11) Tert butyl alcohol	2.57	59	992	1.046	ug/l #	1
13) Acrolein	2.00	56	175	Below Cal	#	1
16) Acetone	2.31	43	1017	1.776	ug/l	94
18) Methyl Acetate	2.36	43	844	1.419	ug/l #	64
20) Methylene Chloride	2.19	84	2935	Below Cal		91
25) 2-Butanone	4.33	43	547	Below Cal	#	56
29) Tetrahydrofuran	4.01	42	88	Below Cal	#	34
49) 1,4-Dioxane	6.39	88	77	4.366	ug/l #	1
51) 4-Methyl-2-Pentanone	8.26	43	4872	2.701	ug/l	92
58) 2-Chloroethyl Vinyl ether	7.65	63	70	Below Cal		100
59) 2-Hexanone	9.49	43	2784	Below Cal		89
74) N-amyl acetate	11.36	43	1621	Below Cal	#	59
89) n-Butylbenzene	12.85	91	2065	Below Cal		85

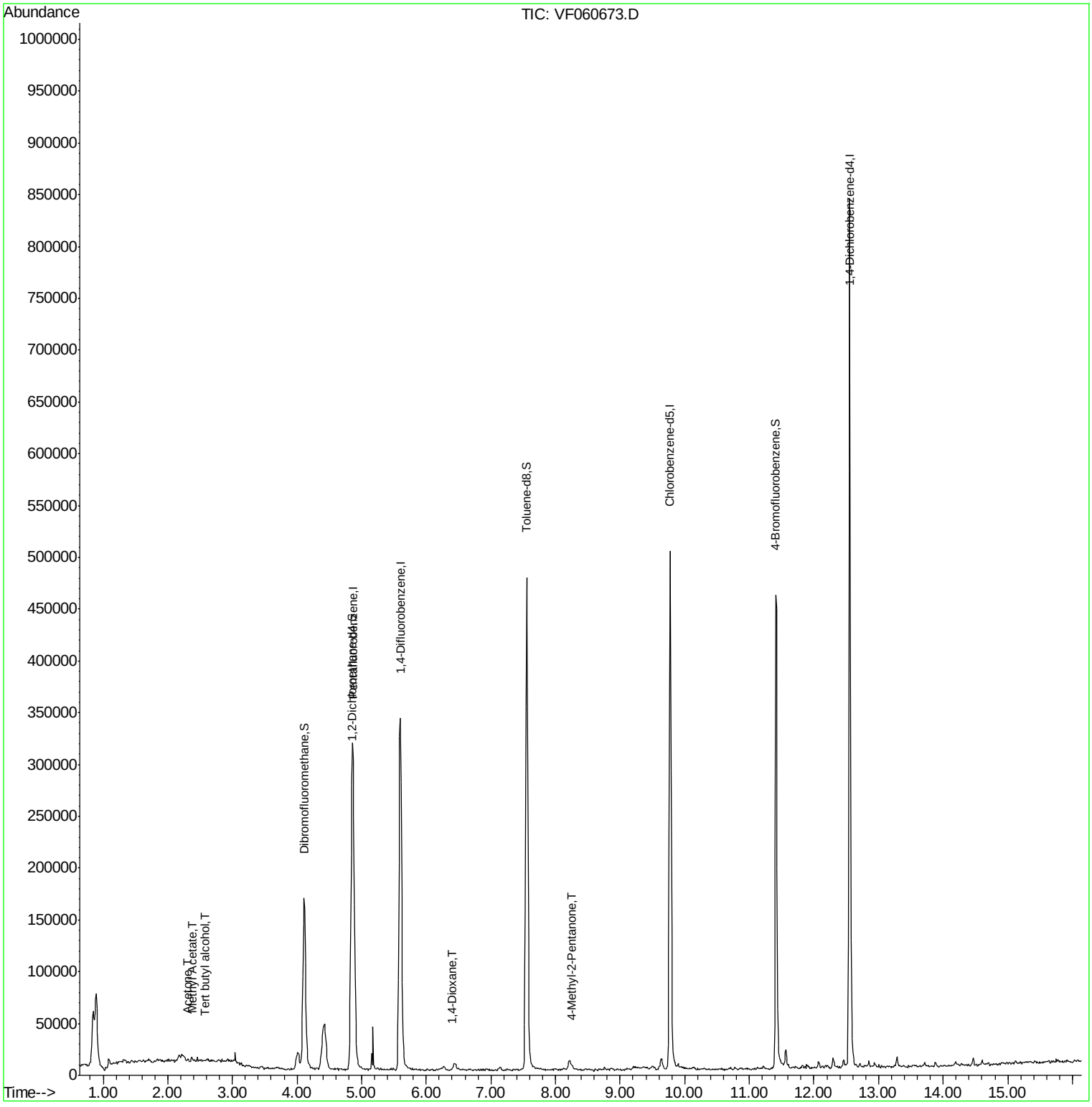
(#) = qualifier out of range (m) = manual integration (+) = signals summed

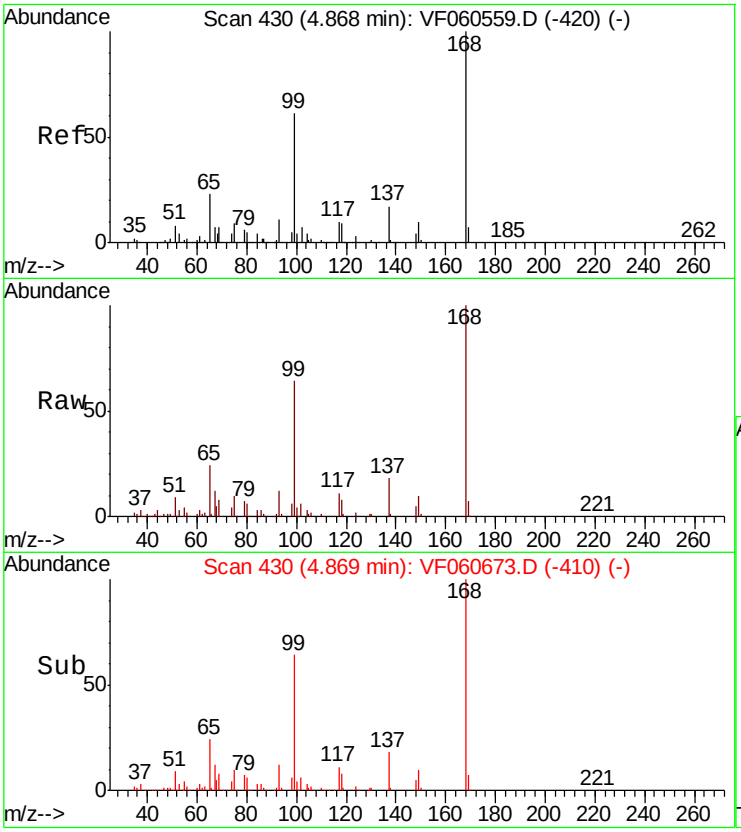
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110918\
Data File : VF060673.D
Acq On : 9 Nov 2018 15:45
Operator : VA/AP
Sample : J5864-02
Misc : 4.35g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-2

Quant Time: Nov 12 04:13:13 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



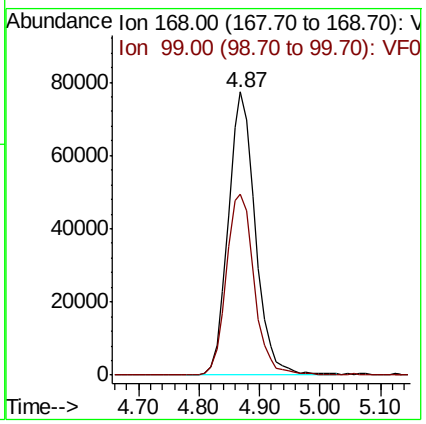


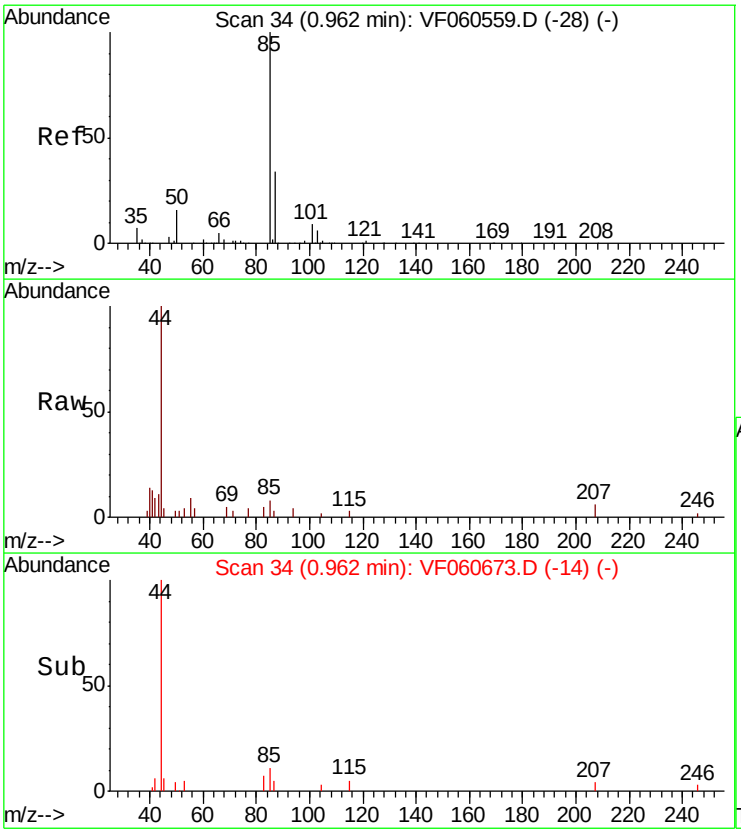
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.00 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-2

Tgt Ion:168 Resp: 240518

Ion	Ratio	Lower	Upper
168	100		
99	64.1	48.6	72.8

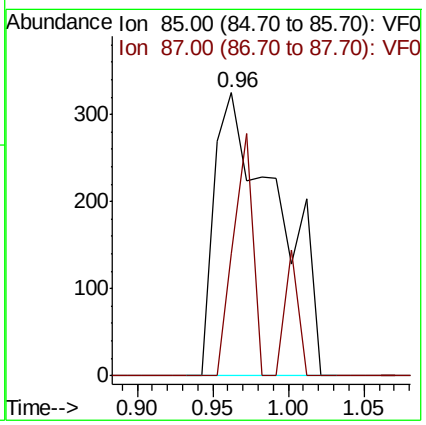


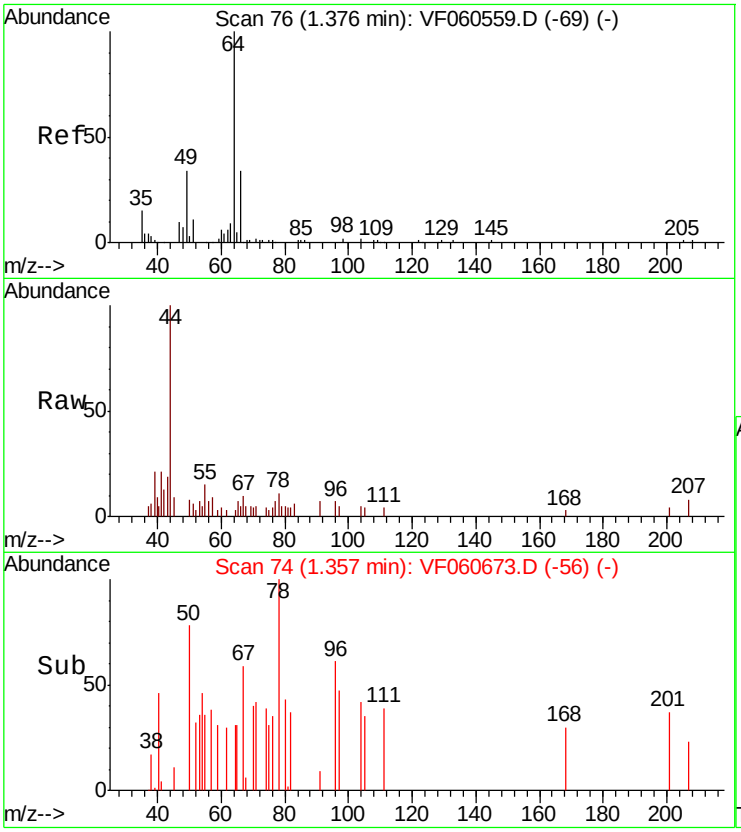


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.96 min Scan# 34
Delta R.T. 0.00 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Tgt Ion: 85 Resp: 950

Ion	Ratio	Lower	Upper
85	100		
87	43.1	16.9	50.7



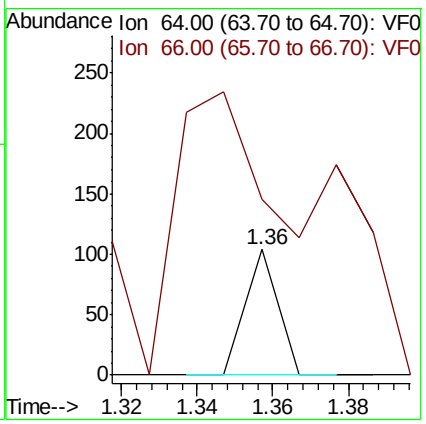


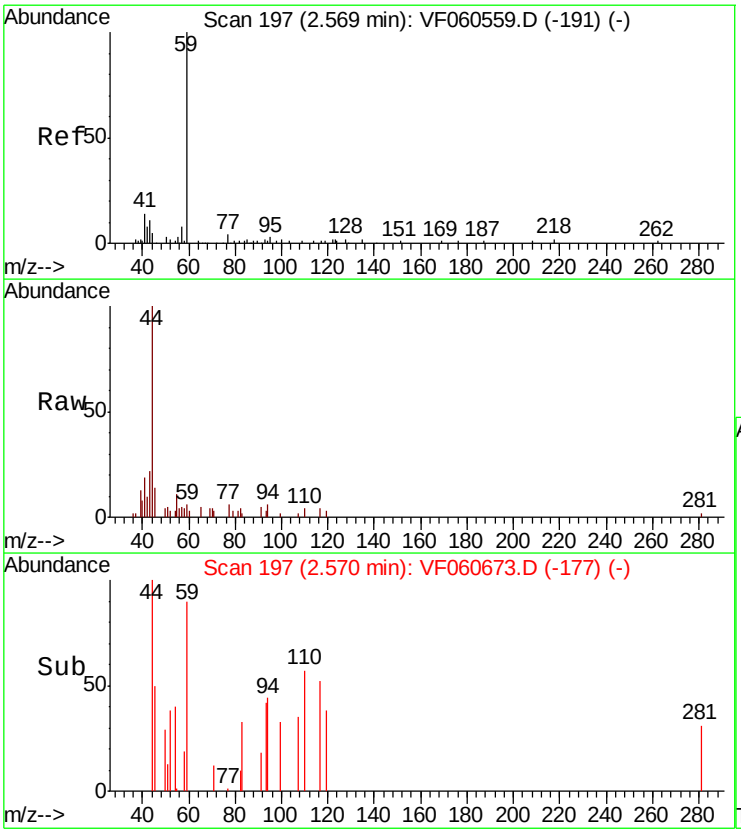
#6
Chloroethane
Concen: Below Cal
RT: 1.36 min Scan# 74
Delta R.T. -0.02 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Instrument : MSVOA_F
ClientSampleId : OLDMANS-2

Tgt Ion: 64 Resp: 62

Ion	Ratio	Lower	Upper
64	100		
66	139.4	27.8	41.8#

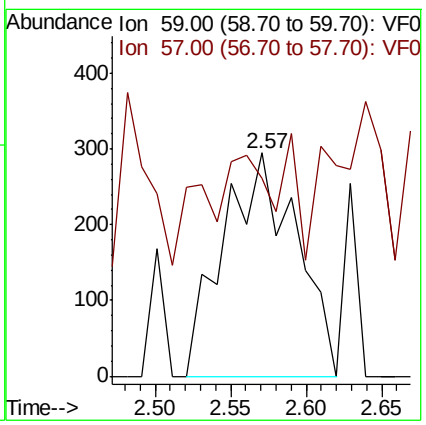


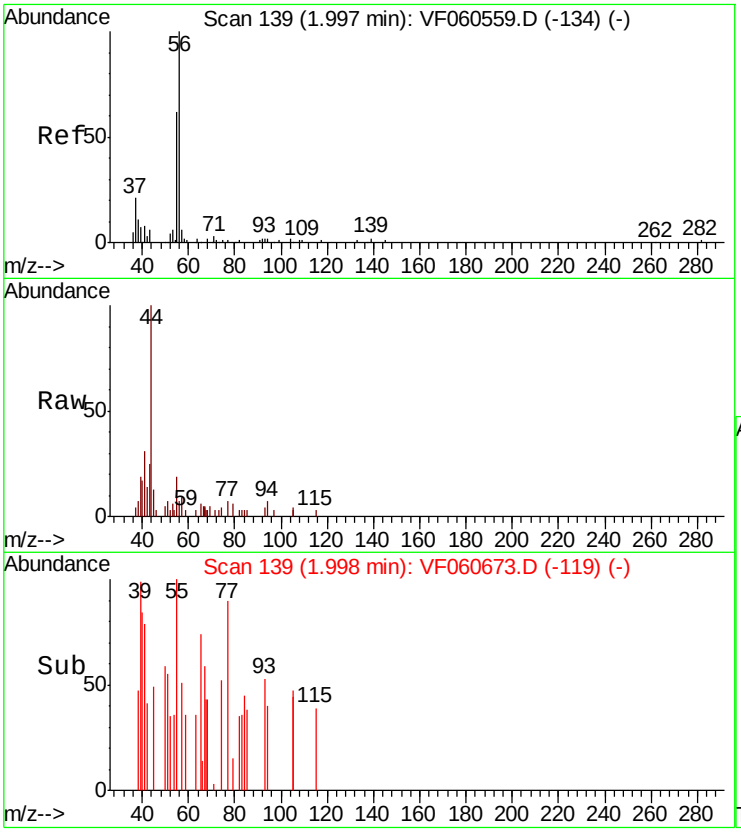


#11
Tert butyl alcohol
Concen: 1.046 ug/l
RT: 2.57 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Tgt Ion: 59 Resp: 992

Ion	Ratio	Lower	Upper
59	100		
57	88.5	19.0	28.4#



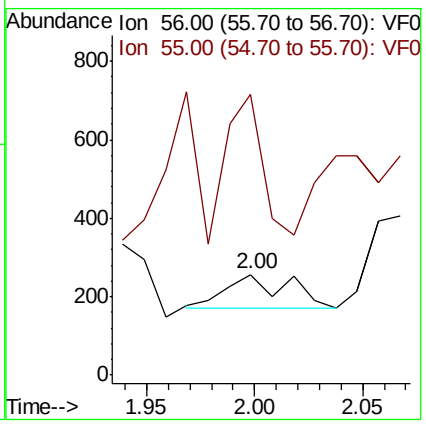


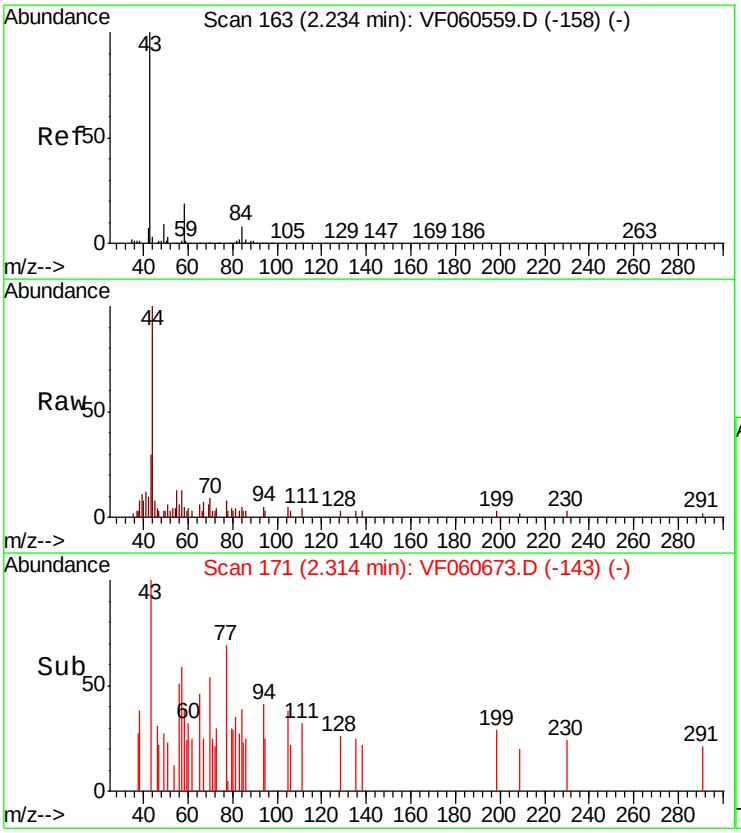
#13
Acrolein
Concen: Below Cal
RT: 2.00 min Scan# 139
Delta R.T. 0.00 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-2

Tgt Ion: 56 Resp: 175

Ion	Ratio	Lower	Upper
56	100		
55	278.6	61.8	92.6#

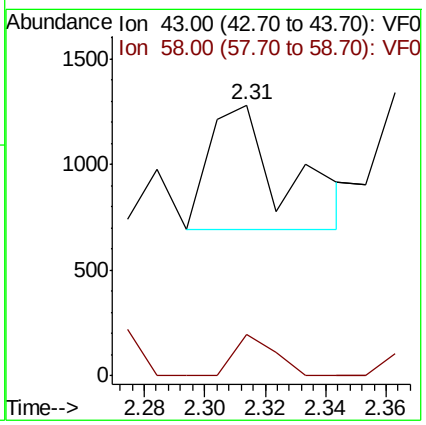


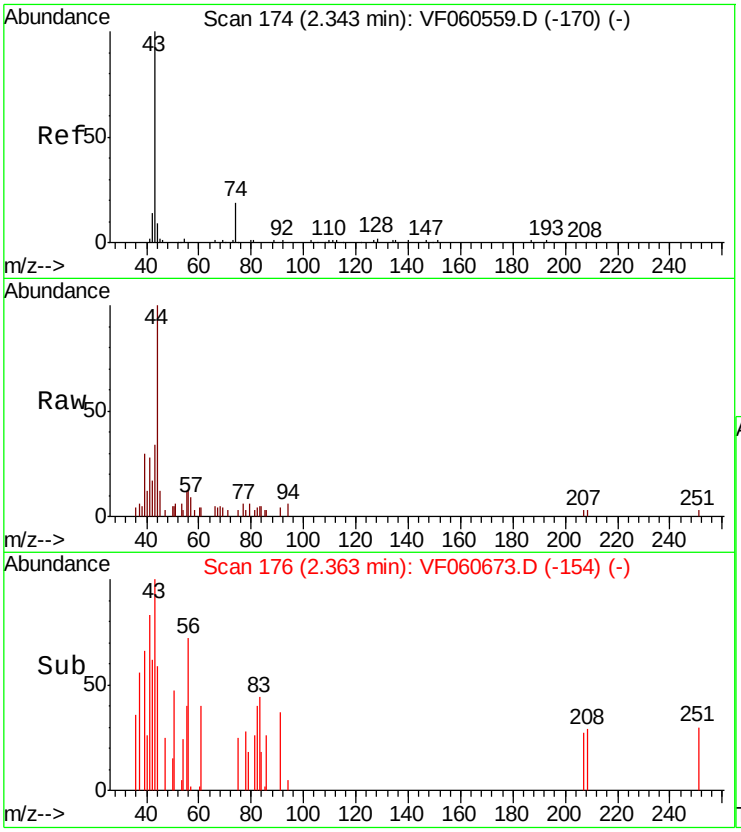


#16
Acetone
Concen: 1.776 ug/l
RT: 2.31 min Scan# 171
Delta R.T. 0.08 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Tgt Ion: 43 Resp: 1017

Ion	Ratio	Lower	Upper
43	100		
58	15.5	14.6	22.0



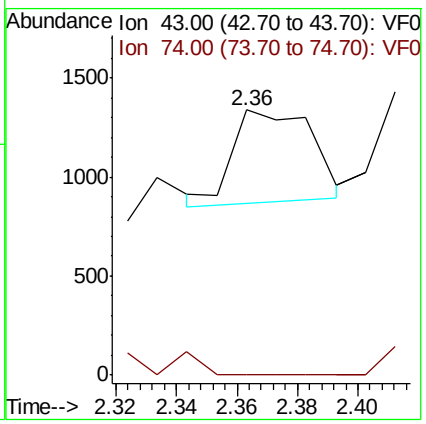


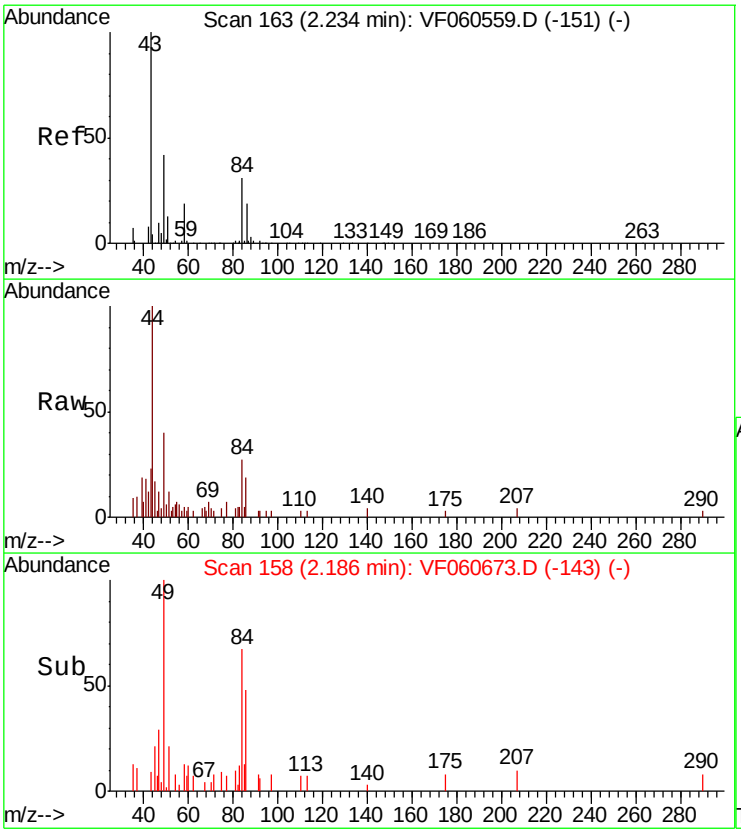
#18
Methyl Acetate
Concen: 1.419 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.02 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Instrument : MSVOA_F
ClientSampleId : OLDMANS-2

Tgt Ion: 43 Resp: 844

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#

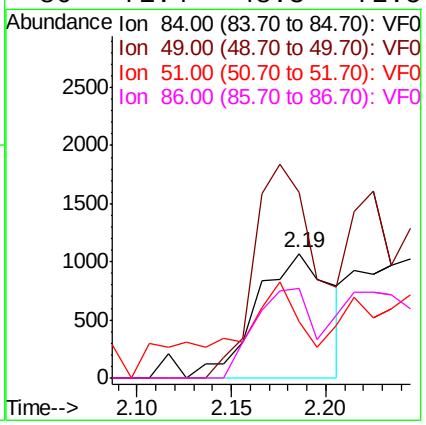


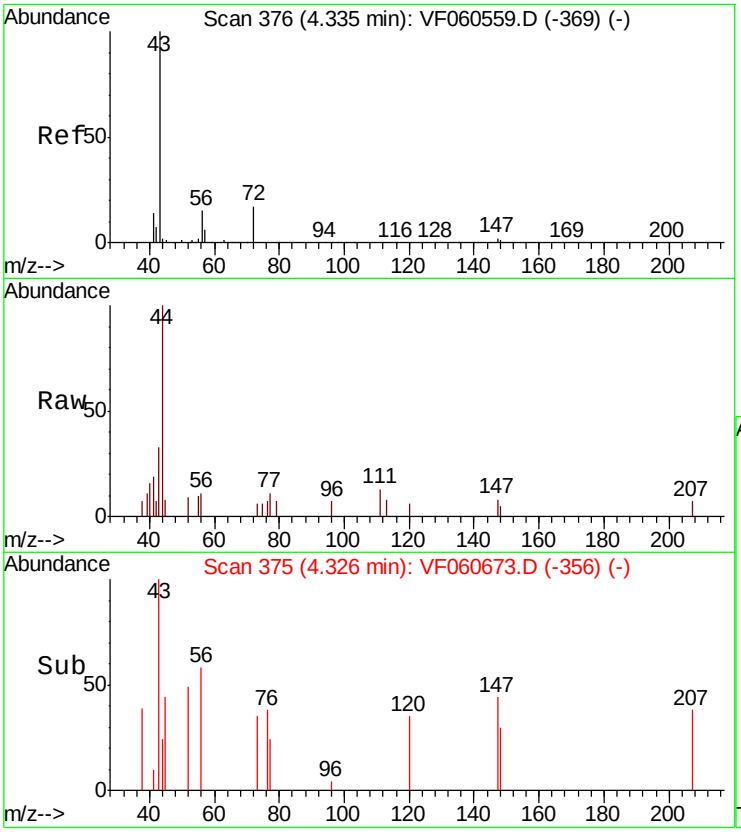


#20
Methylene Chloride
Concen: Below Cal
RT: 2.19 min Scan# 158
Delta R.T. -0.05 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Tgt Ion: 84 Resp: 2935

Ion	Ratio	Lower	Upper
84	100		
49	149.3	109.9	164.9
51	45.1	35.8	53.8
86	71.4	48.3	72.5



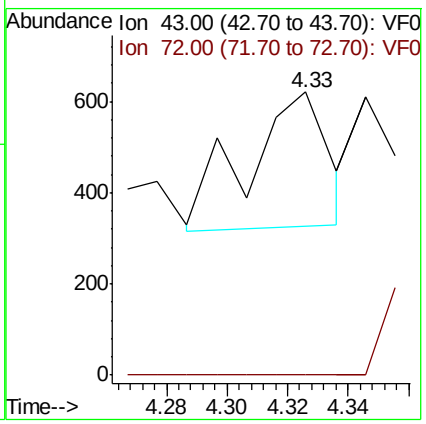


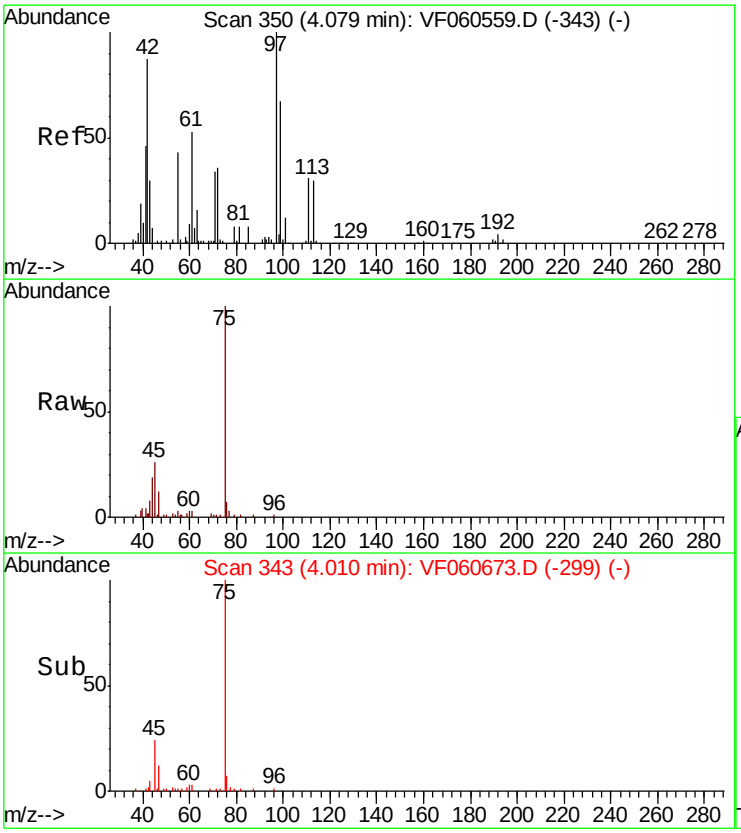
#25
2-Butanone
Concen: Below Cal
RT: 4.33 min Scan# 375
Delta R.T. -0.01 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Instrument : MSVOA_F
ClientSampleId : OLDMANS-2

Tgt Ion: 43 Resp: 547

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.2#

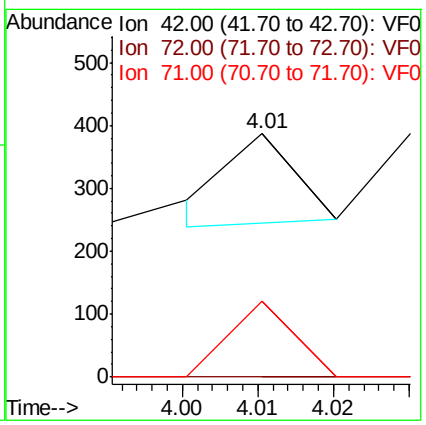


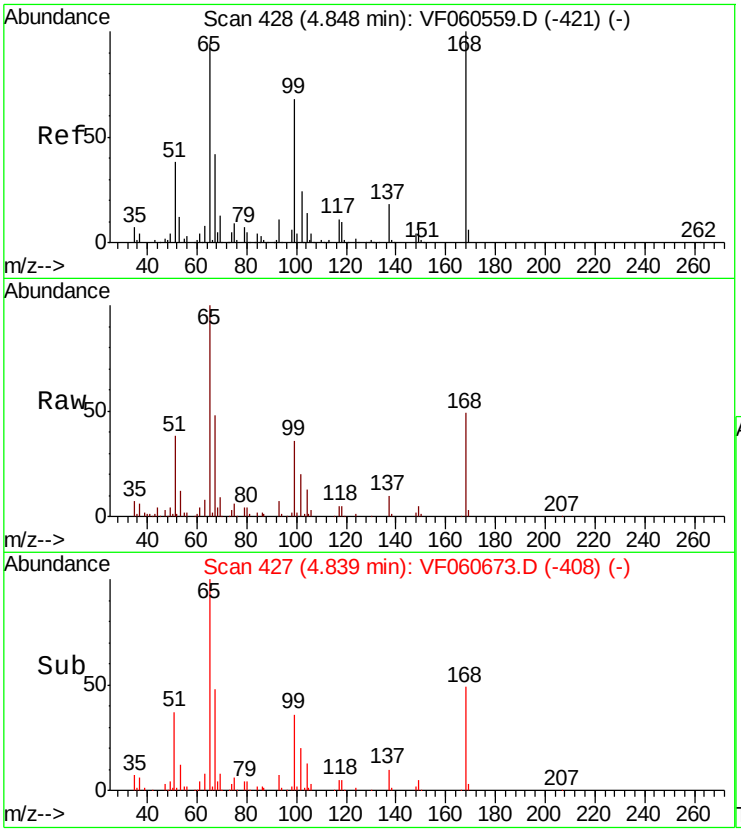


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.01 min Scan# 343
Delta R.T. -0.07 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Tgt Ion: 42 Resp: 88

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	81.8	31.8	47.6#



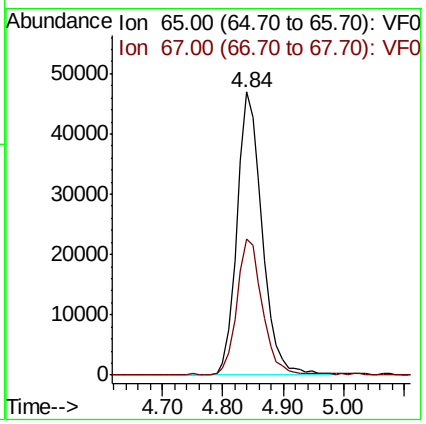


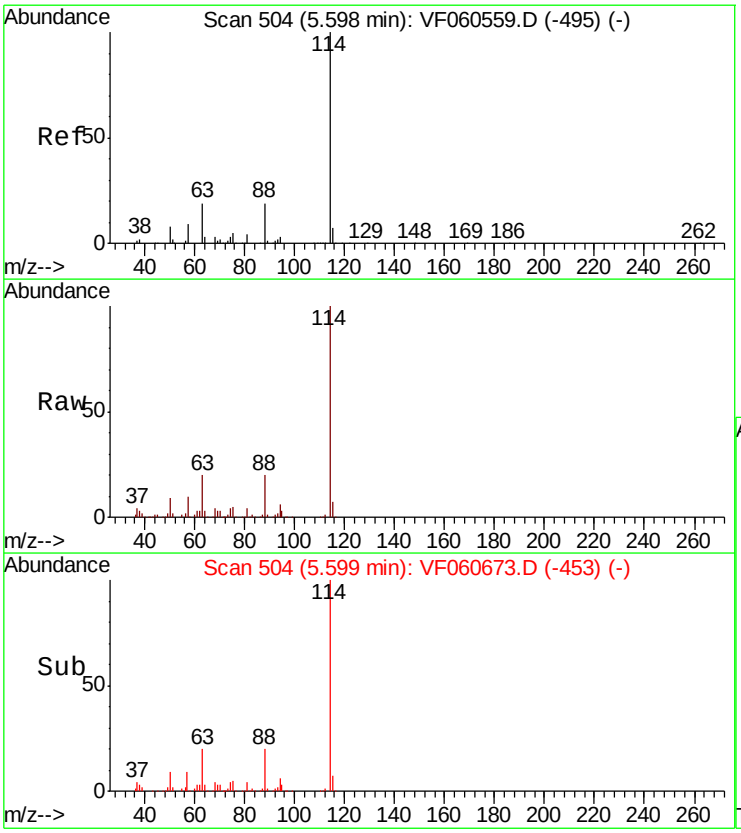
#33
1,2-Dichloroethane-d4
Concen: 55.743 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-2

Tgt Ion: 65 Resp: 135462

Ion	Ratio	Lower	Upper
65	100		
67	48.3	0.0	101.8

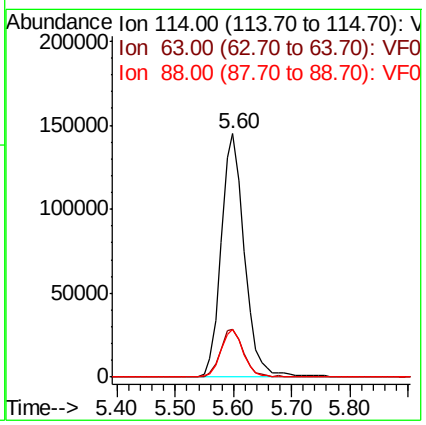


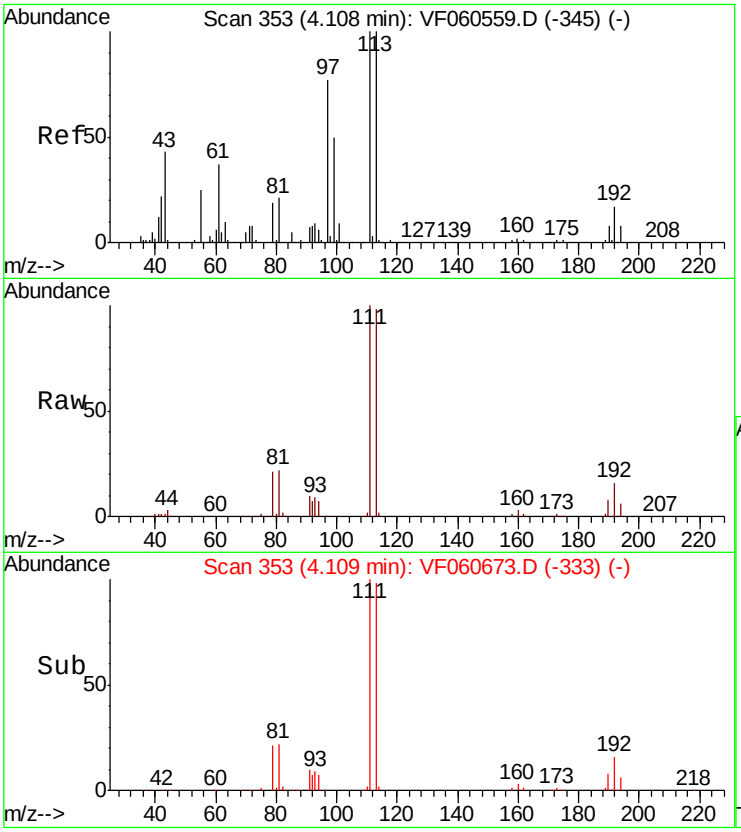


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.00 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Tgt Ion:114 Resp: 401254

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	19.7	0.0	38.2



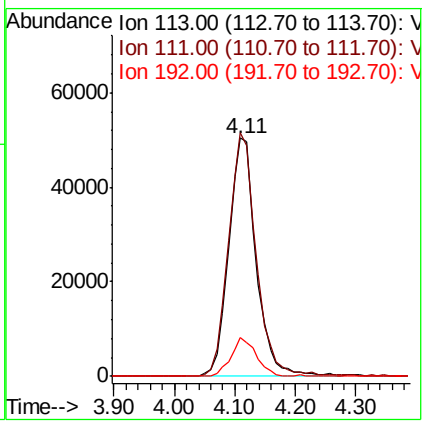


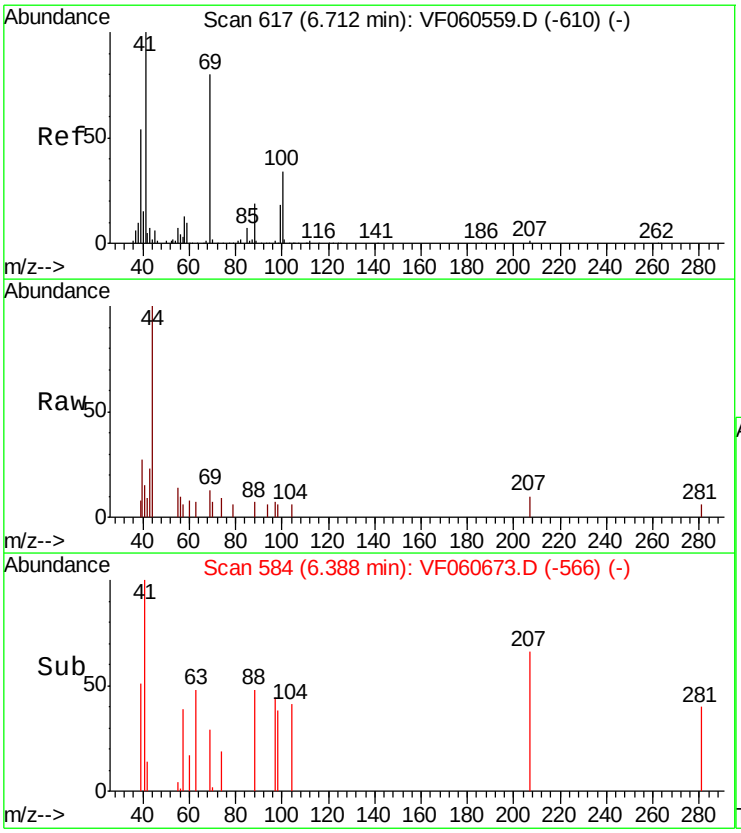
#35
Dibromofluoromethane
Concen: 51.128 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-2

Tgt Ion:113 Resp: 158501

Ion	Ratio	Lower	Upper
113	100		
111	102.2	79.9	119.9
192	16.6	13.3	19.9

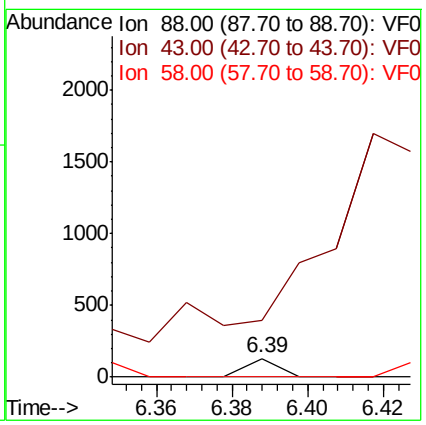


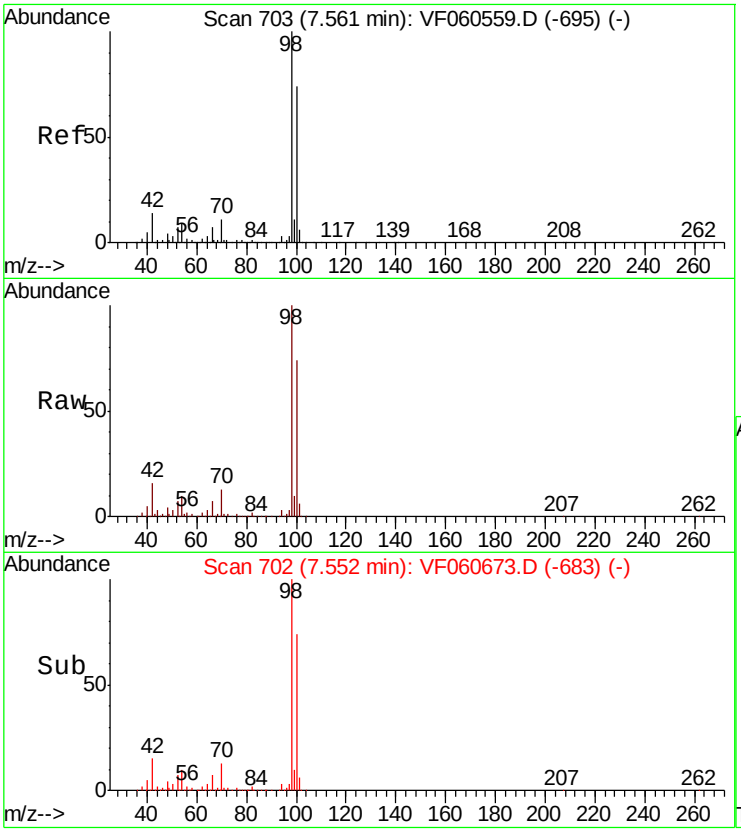


#49
1,4-Dioxane
Concen: 4.366 ug/l
RT: 6.39 min Scan# 584
Delta R.T. -0.32 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Tgt Ion: 88 Resp: 77

Ion	Ratio	Lower	Upper
88	100		
43	304.6	61.2	91.8#
58	0.0	56.9	85.3#



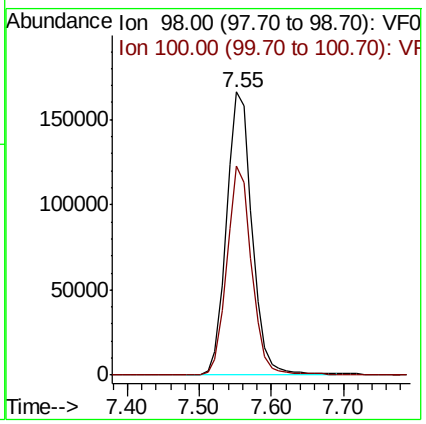


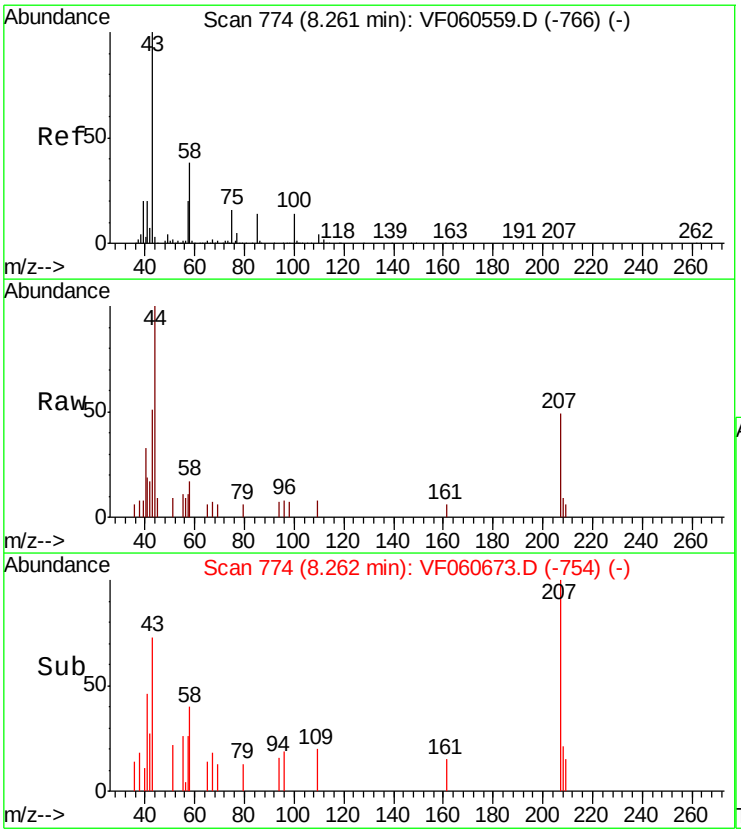
#50
Toluene-d8
Concen: 44.693 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Instrument : MSVOA_F
ClientSampleId : OLDMANS-2

Tgt Ion: 98 Resp: 410433

Ion	Ratio	Lower	Upper
98	100		
100	73.9	59.4	89.2

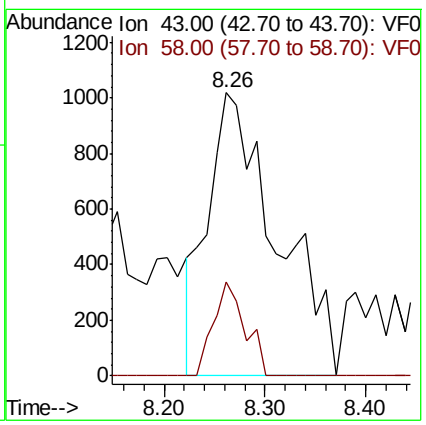


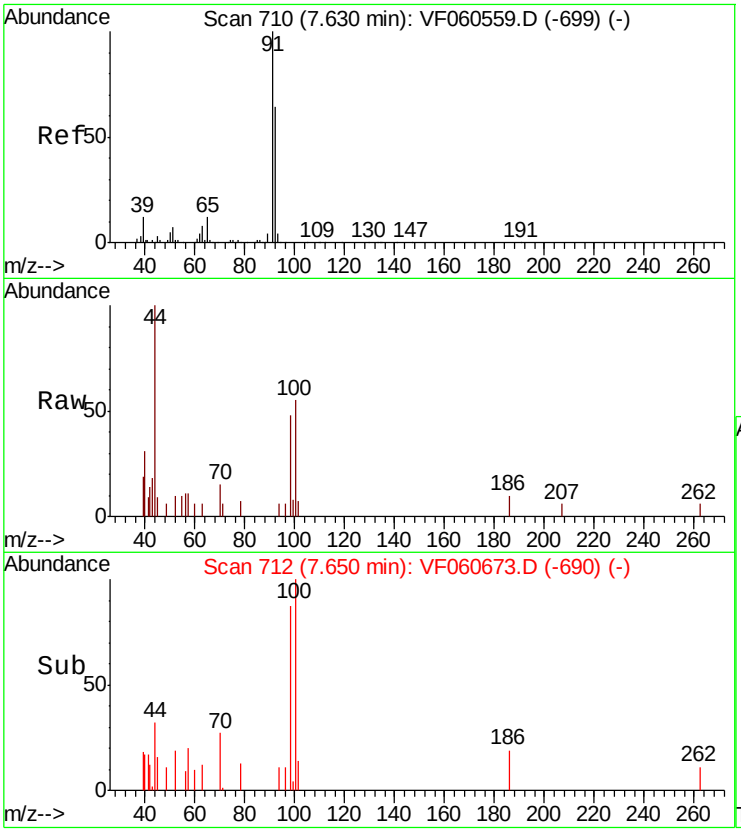


#51
4-Methyl-2-Pentanone
Concen: 2.701 ug/l
RT: 8.26 min Scan# 774
Delta R.T. 0.00 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Tgt Ion: 43 Resp: 4872

Ion	Ratio	Lower	Upper
43	100		
58	33.0	30.1	45.1



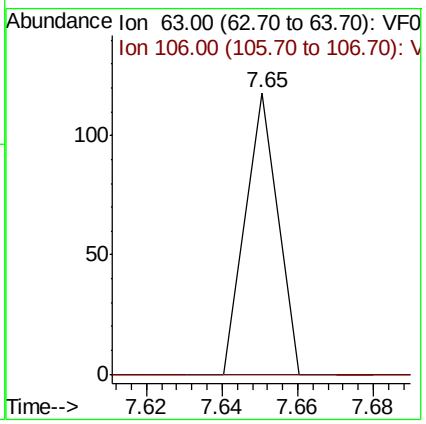


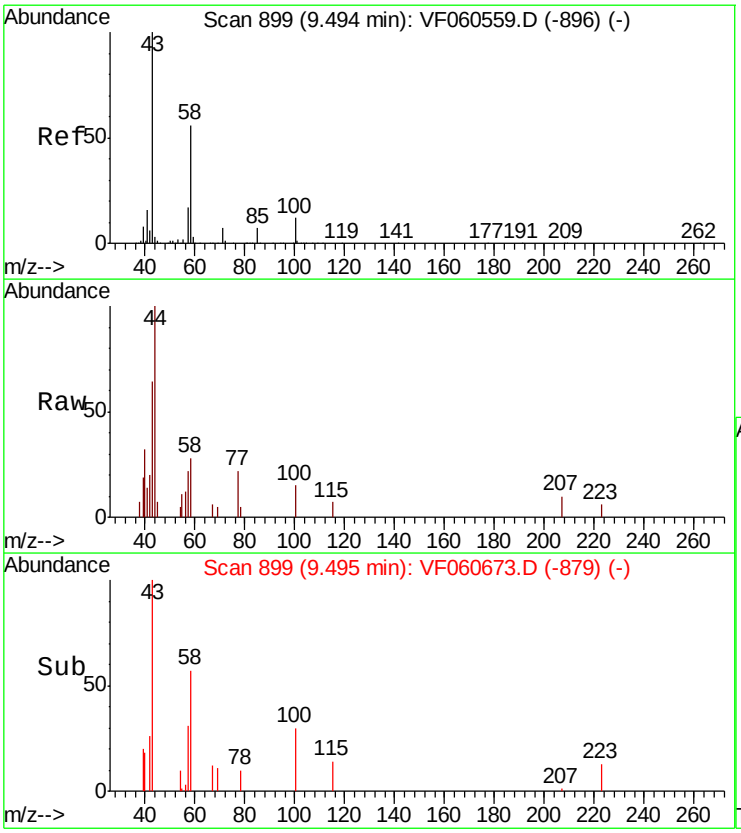
#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.65 min Scan# 712
Delta R.T. 0.02 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Instrument : MSVOA_F
ClientSampleId : OLDMANS-2

Tgt Ion: 63 Resp: 70

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

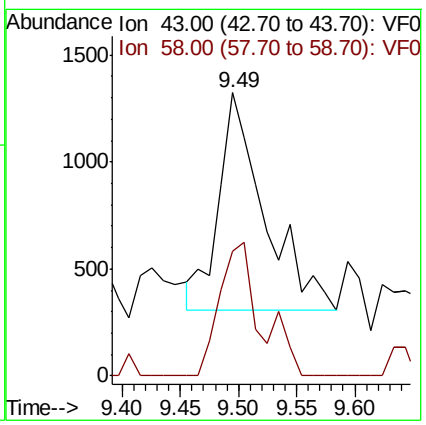


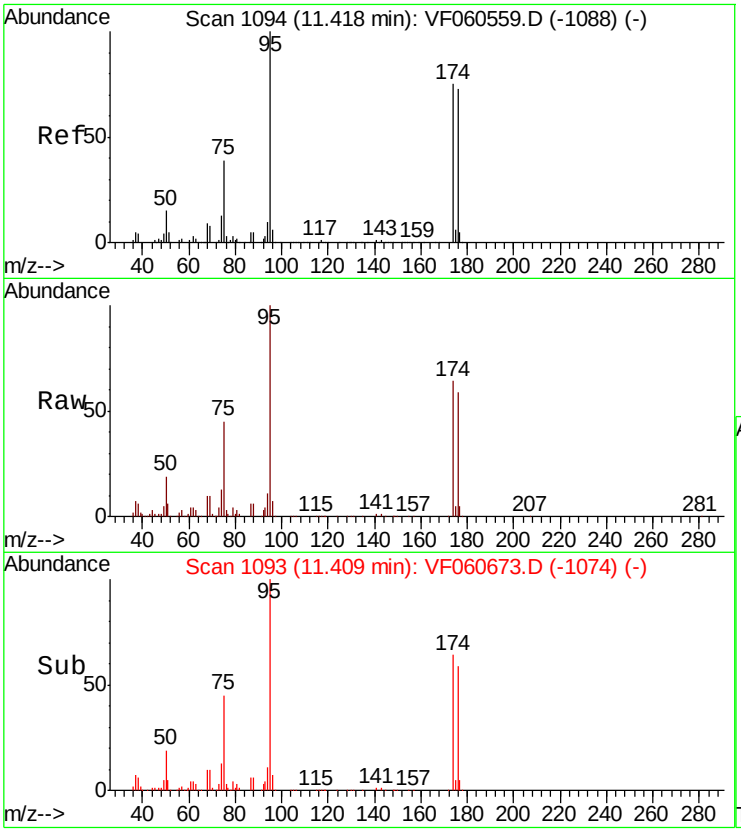


#59
2-Hexanone
Concen: Below Cal
RT: 9.49 min Scan# 899
Delta R.T. 0.00 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Tgt Ion: 43 Resp: 2784

Ion	Ratio	Lower	Upper
43	100		
58	44.2	26.1	78.3



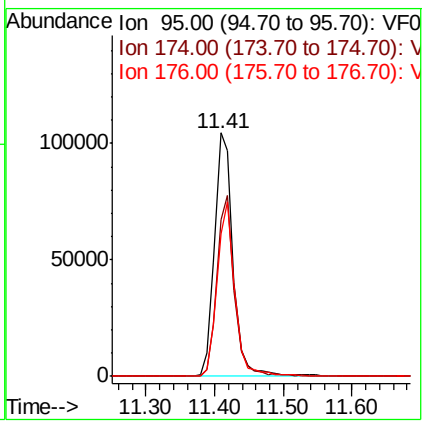


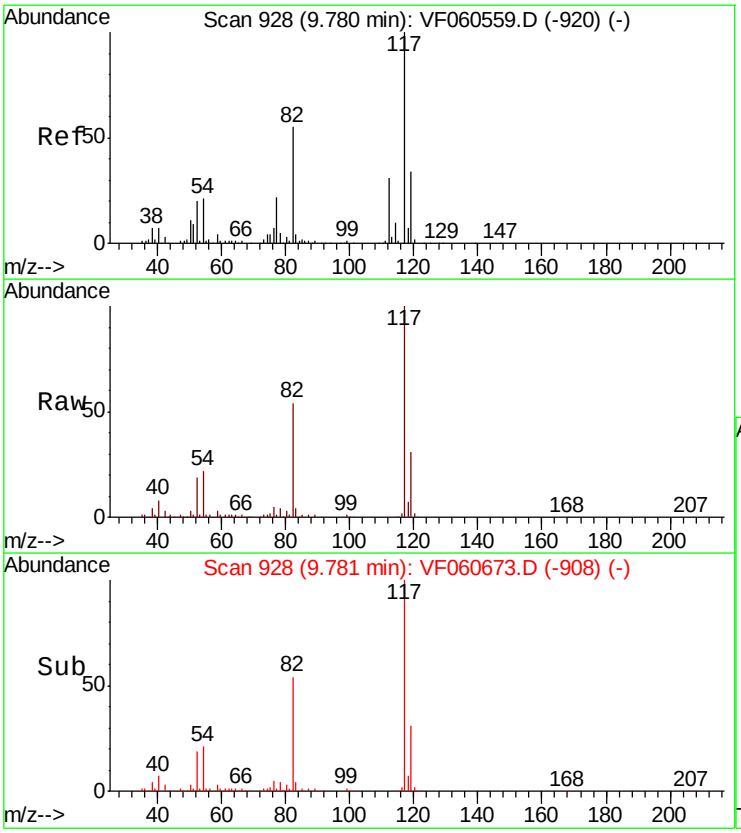
#62
4-Bromofluorobenzene
Concen: 48.575 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-2

Tgt Ion: 95 Resp: 195122

Ion	Ratio	Lower	Upper
95	100		
174	64.1	0.0	149.0
176	58.6	0.0	145.6

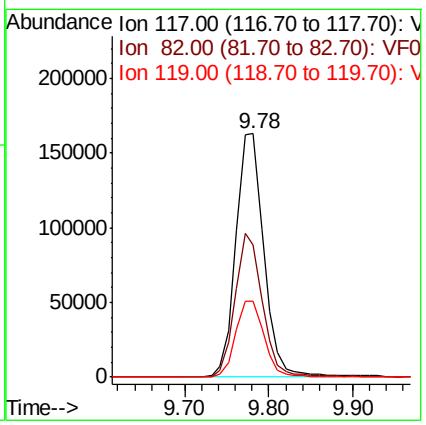


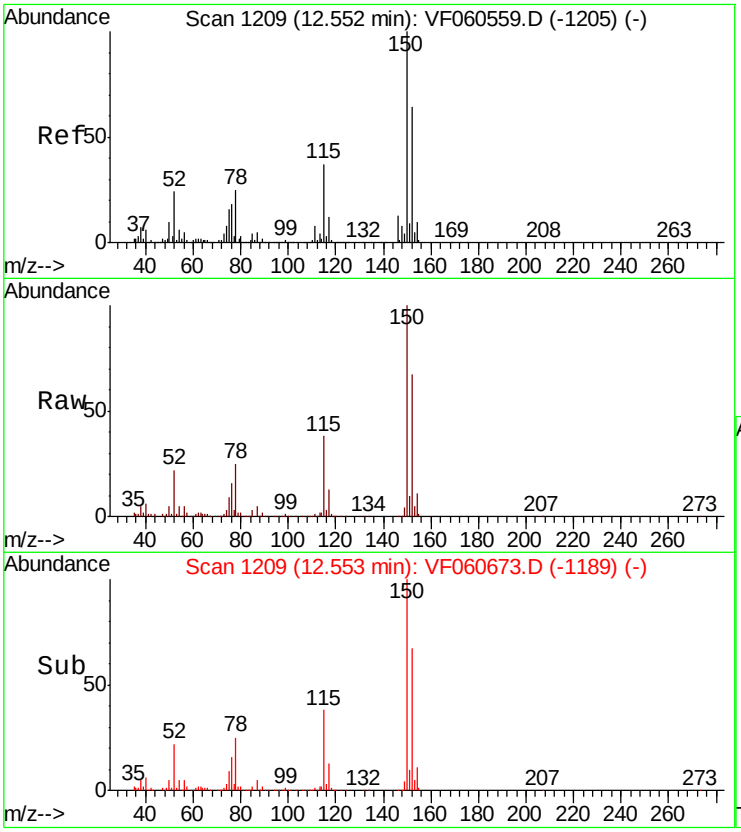


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Tgt Ion:117 Resp: 379397

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.9	65.9
119	31.4	27.4	41.0



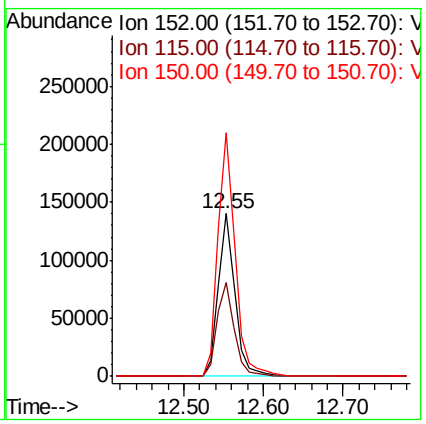


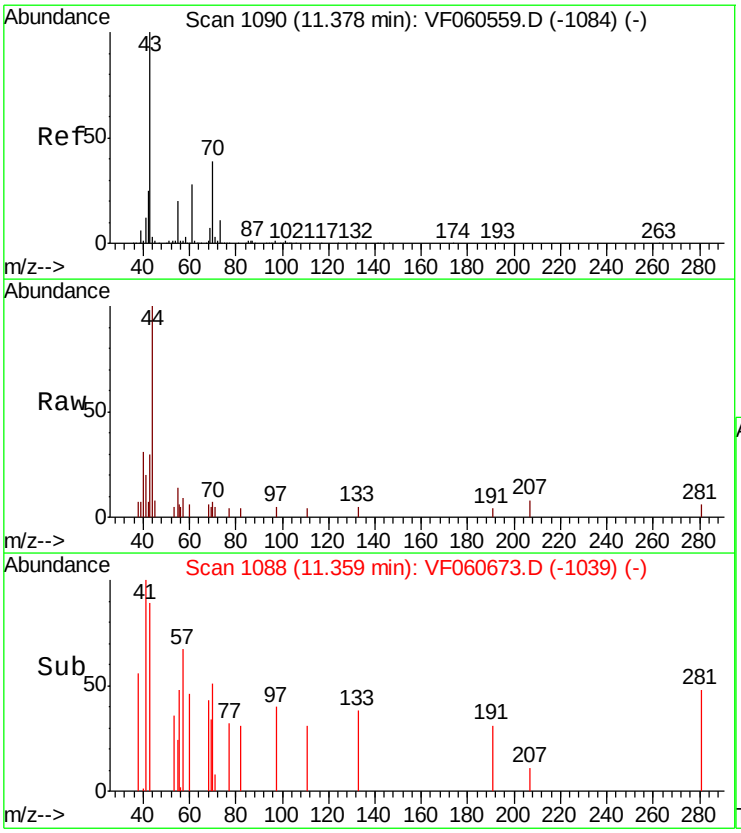
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060673.D
Acq: 9 Nov 2018 15:45

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-2

Tgt Ion:152 Resp: 212328

Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.6	88.8
150	149.5	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: VF060673.D
Acq: 9 Nov 2018 15:45

Tgt Ion: 43 Resp: 1621

Ion	Ratio	Lower	Upper
43	100		
70	22.5	30.9	46.3#
55	45.2	16.6	24.8#
61	0.0	22.0	33.0#