Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110518\
Data File : VF060606.D
Acq On : 6 Nov 2018 10:32
Operator : VA/AP
Sample : J5803-03RE
Misc : 5.00/5mL/MSVOA-F/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 06 10:32:24 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	313461	50.00	ug/l		0.01
34) 1,4-Difluorobenzene	5.61	114	541218	50.00	ug/l		0.01
63) Chlorobenzene-d5	9.79	117	494416	50.00	ug/l		0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	284515	50.00	ug/l		0.01
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.85	65	180369	56.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 113.90%				
35) Dibromofluoromethane	4.12	113	217056	51.91	ug/l		0.01
Spiked Amount 50.000			Recovery = 103.82%				
50) Toluene-d8	7.56	98	547368	44.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 88.38%				
62) 4-Bromofluorobenzene	11.42	95	263846	48.70	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.95	85	1212	Below Cal	#		41
6) Chloroethane	1.41	64	139	Below Cal	#		1
11) Tert butyl alcohol	2.56	59	587	Below Cal	#		1
13) Acrolein	2.03	56	1203	Below Cal			96
16) Acetone	2.24	43	4276	5.730	ug/l		96
18) Methyl Acetate	2.38	43	2168	2.331	ug/l	#	64
20) Methylene Chloride	2.20	84	3275	Below Cal			91
25) 2-Butanone	4.32	43	178	Below Cal	#		56
29) Tetrahydrofuran	4.09	42	458	Below Cal	#		53
49) 1,4-Dioxane	6.47	88	81	3.405	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.27	43	2690	1.106	ug/l		96
58) 2-Chloroethyl Vinyl ether	7.64	63	60	Below Cal			100
59) 2-Hexanone	9.51	43	3800	Below Cal	#		54
74) N-amyl acetate	11.36	43	659	Below Cal	#		42
89) n-Butylbenzene	12.85	91	1566	Below Cal			74

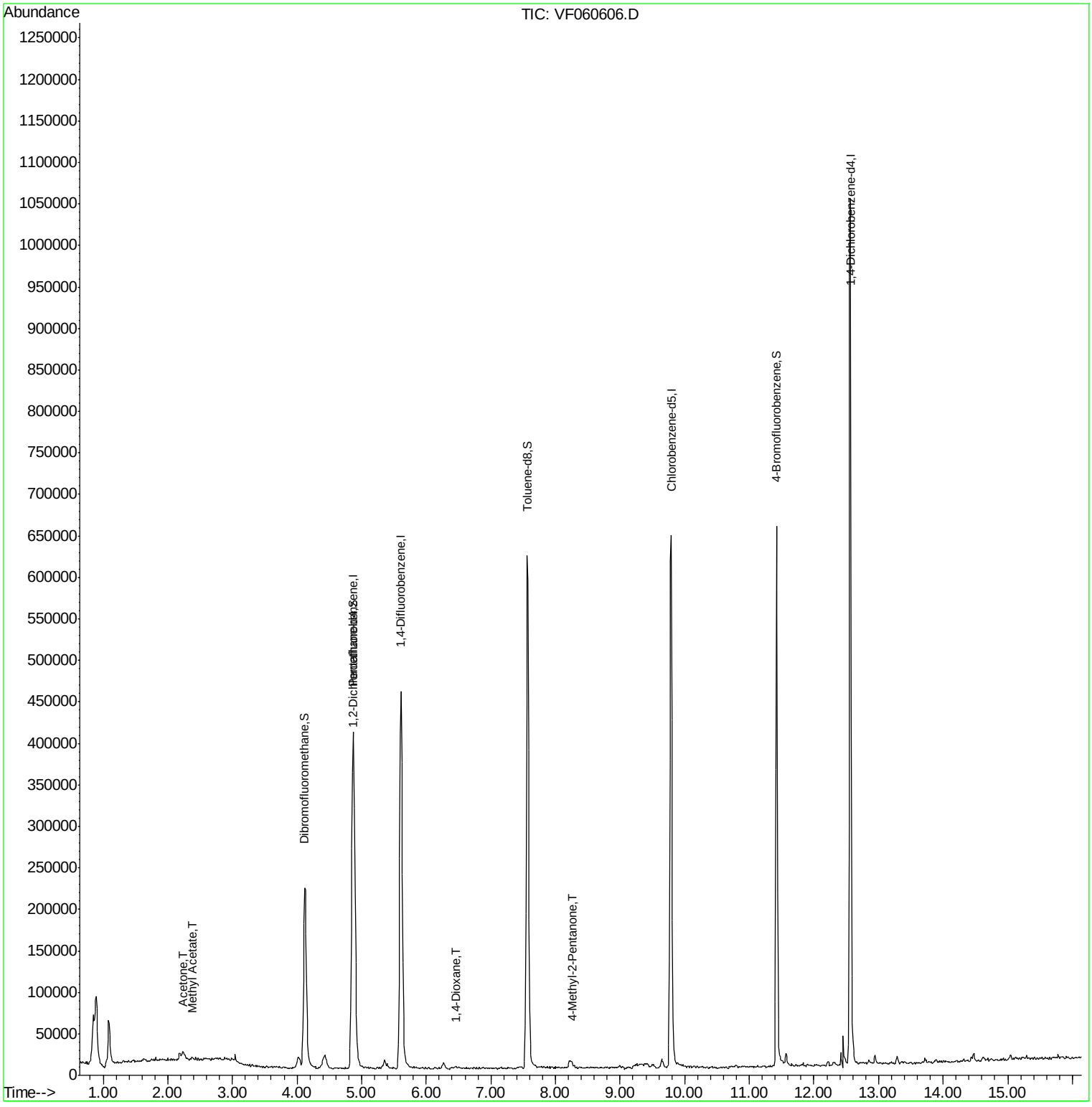
(#) = qualifier out of range (m) = manual integration (+) = signals summed

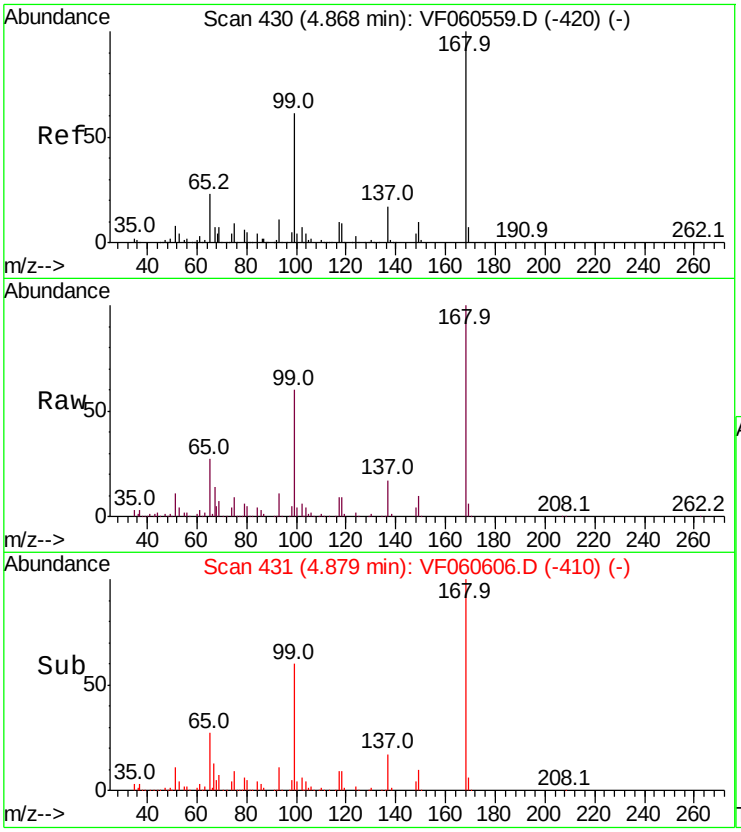
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060606.D
Acq On : 6 Nov 2018 10:32
Operator : VA/AP
Sample : J5803-03RE
Misc : 5.00/5mL/MSVOA-F/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 06 10:32:24 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



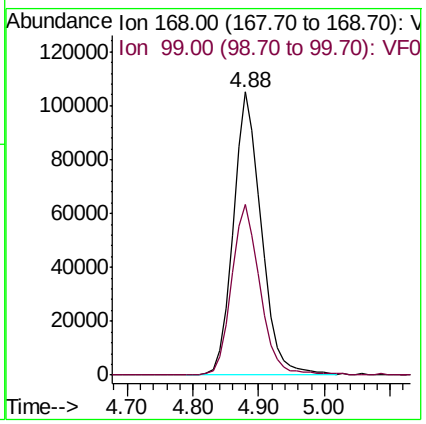


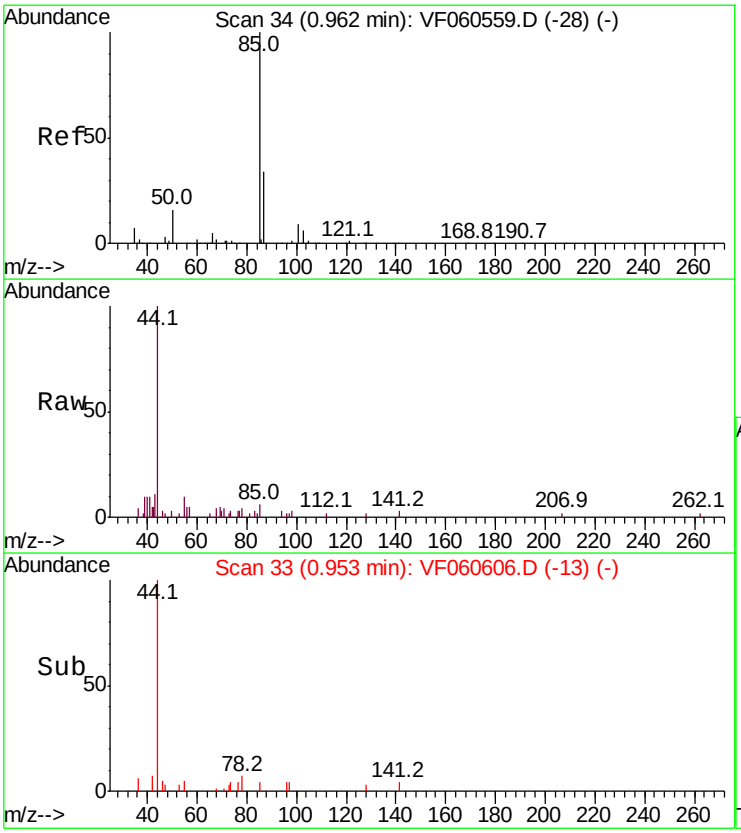
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.88 min Scan# 431
Delta R.T. 0.01 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 313461

Ion	Ratio	Lower	Upper
168	100		
99	60.3	48.6	72.8

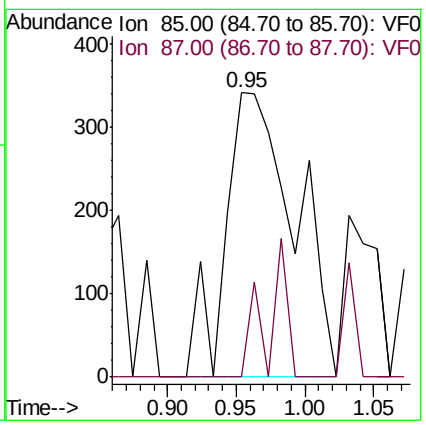


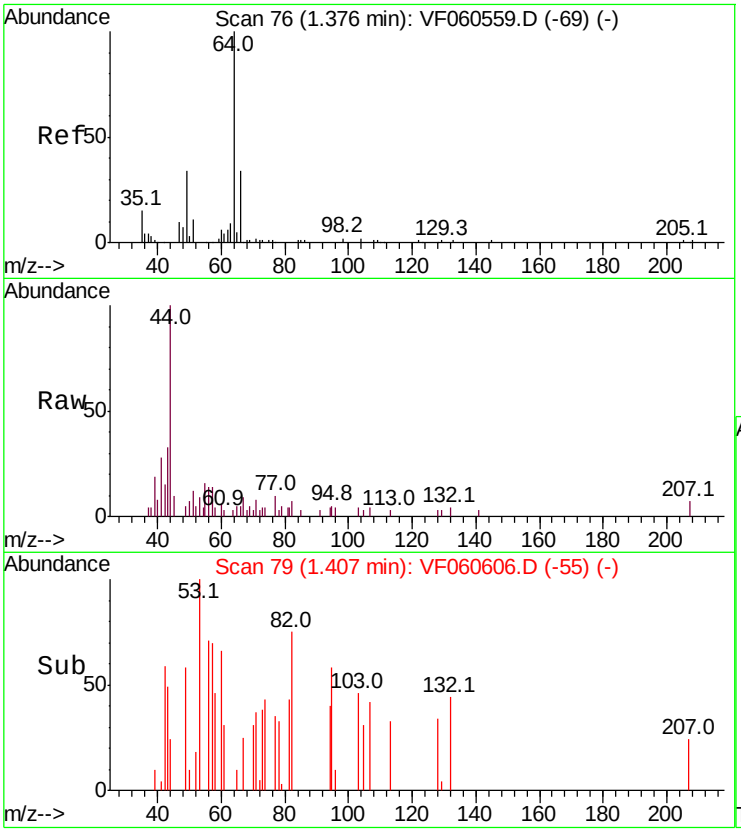


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.95 min Scan# 33
Delta R.T. -0.01 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Tgt Ion: 85 Resp: 1212

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



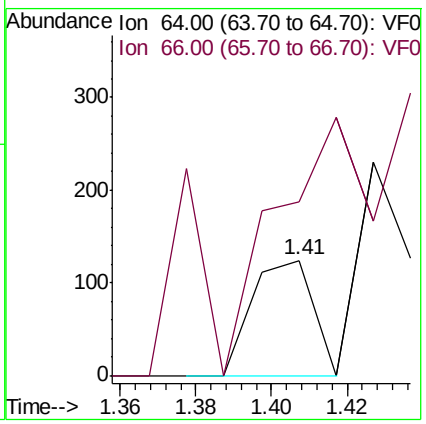


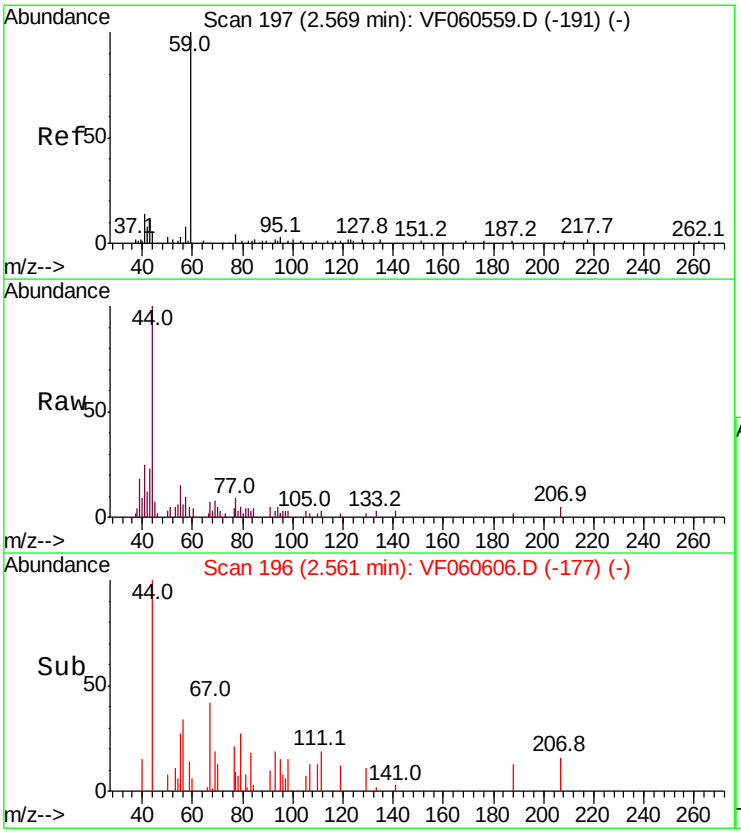
#6
Chloroethane
Concen: Below Cal
RT: 1.41 min Scan# 79
Delta R.T. 0.03 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 64 Resp: 139

Ion	Ratio	Lower	Upper
64	100		
66	151.6	27.8	41.8#

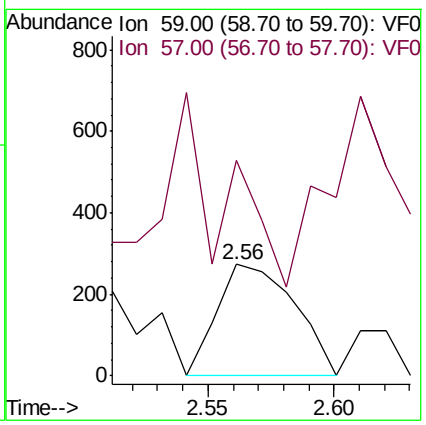


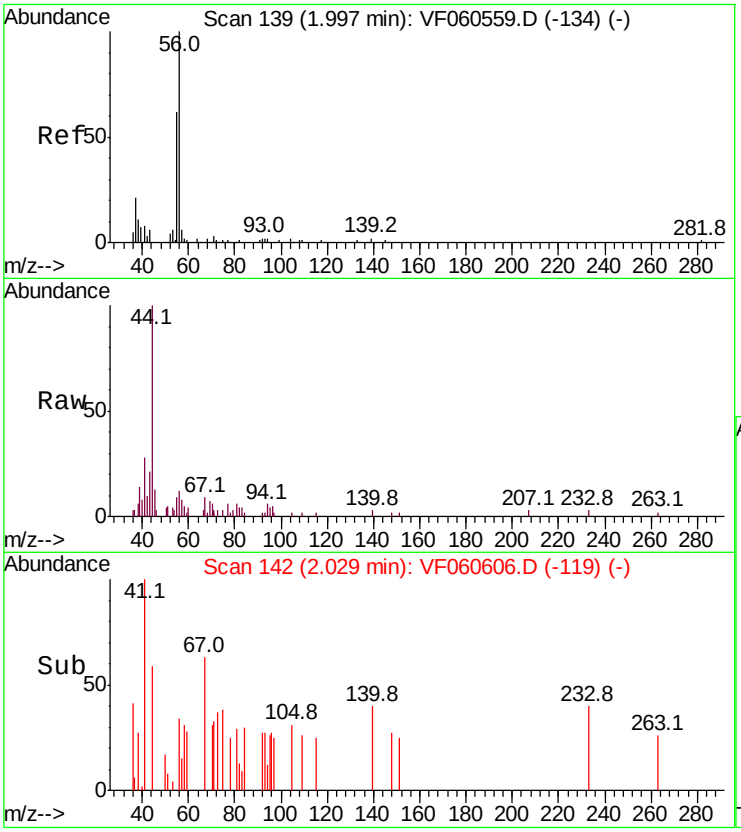


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.56 min Scan# 196
Delta R.T. -0.01 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Tgt Ion: 59 Resp: 587

Ion	Ratio	Lower	Upper
59	100		
57	193.8	19.0	28.4#

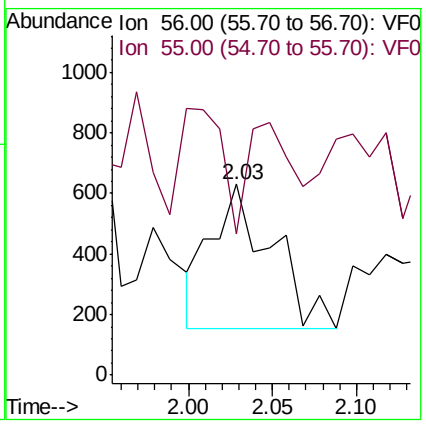




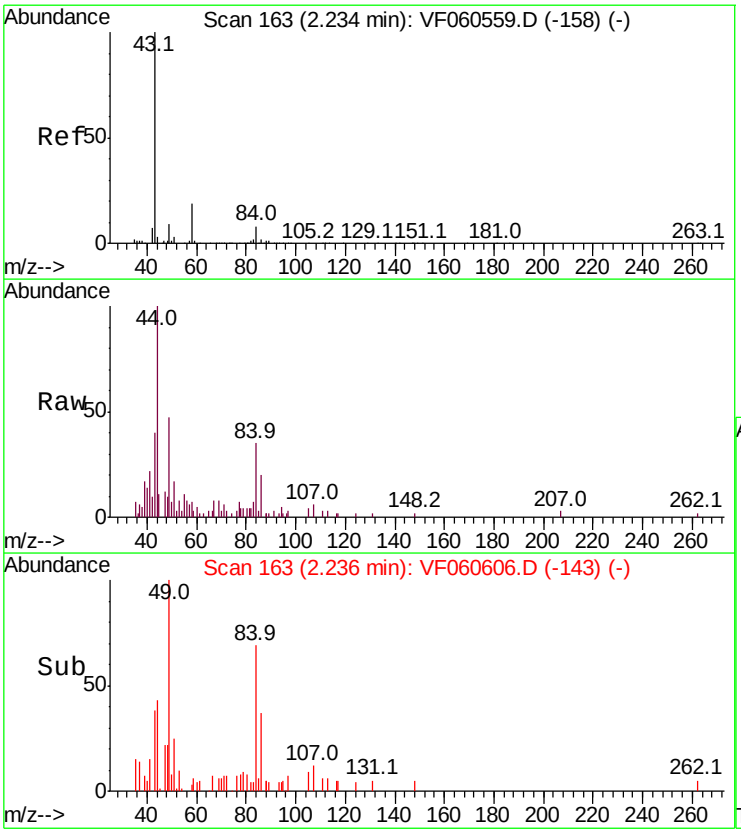
#13
Acrolein
Concen: Below Cal
RT: 2.03 min Scan# 142
Delta R.T. 0.03 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Tgt Ion: 56 Resp: 1203

Ion	Ratio	Lower	Upper
56	100		
55	74.0	61.8	92.6



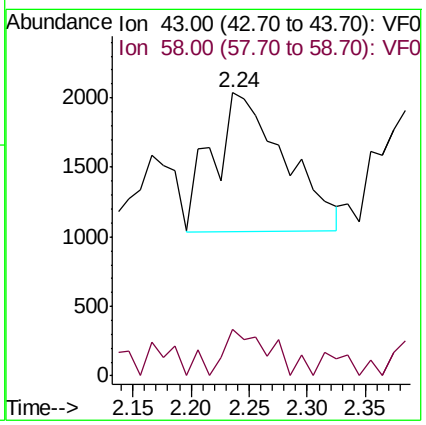
Instrument :
MSVOA_F
ClientSampleId :

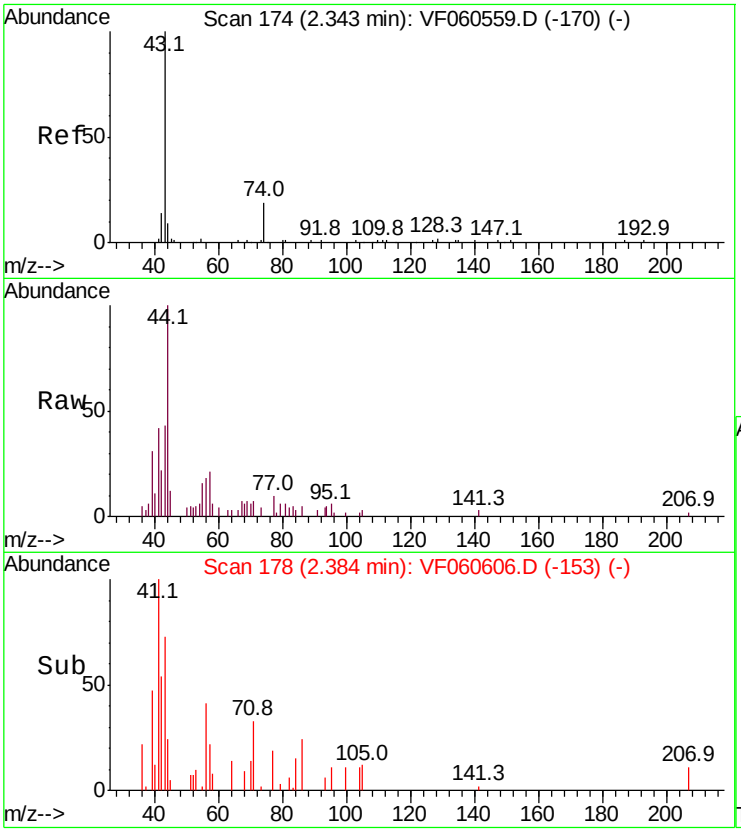


#16
Acetone
Concen: 5.730 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Tgt Ion: 43 Resp: 4276

Ion	Ratio	Lower	Upper
43	100		
58	16.4	14.6	22.0



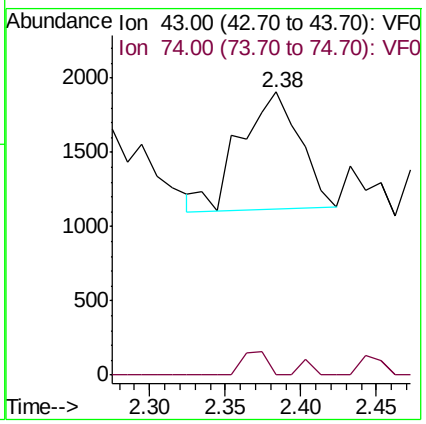


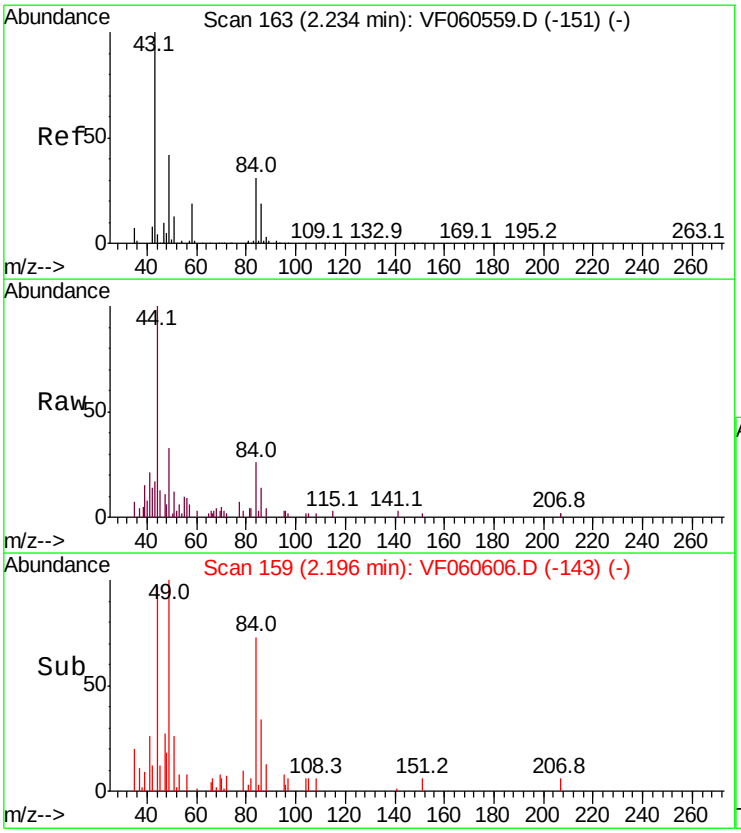
#18
Methyl Acetate
Concen: 2.331 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.04 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2168

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#

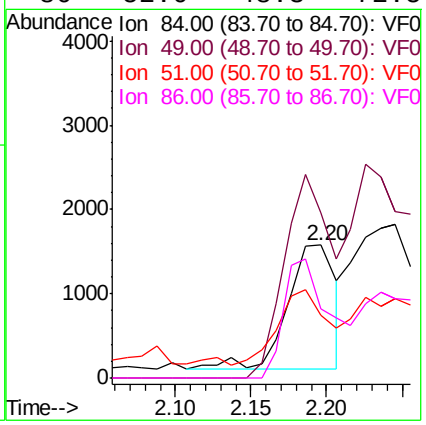


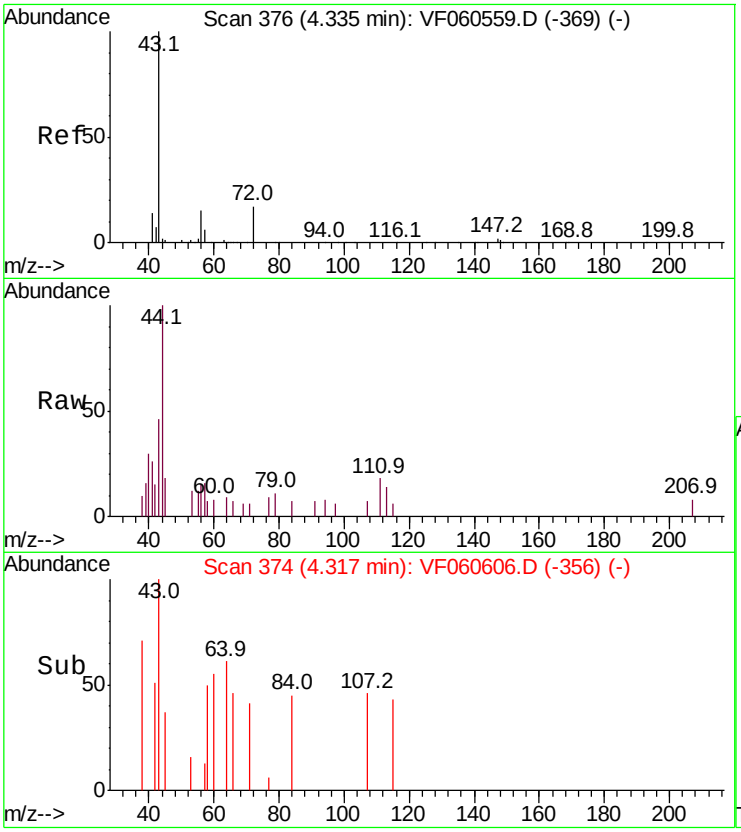


#20
Methylene Chloride
Concen: Below Cal
RT: 2.20 min Scan# 159
Delta R.T. -0.04 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Tgt Ion: 84 Resp: 3275

Ion	Ratio	Lower	Upper
84	100		
49	124.8	109.9	164.9
51	47.1	35.8	53.8
86	52.0	48.3	72.5



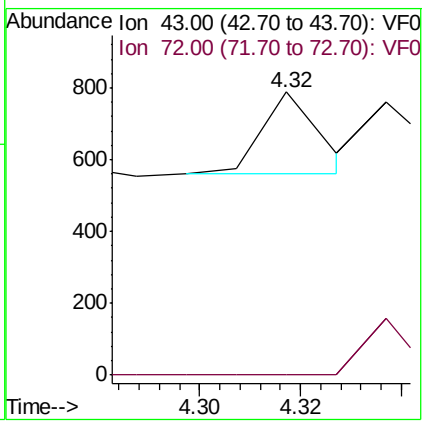


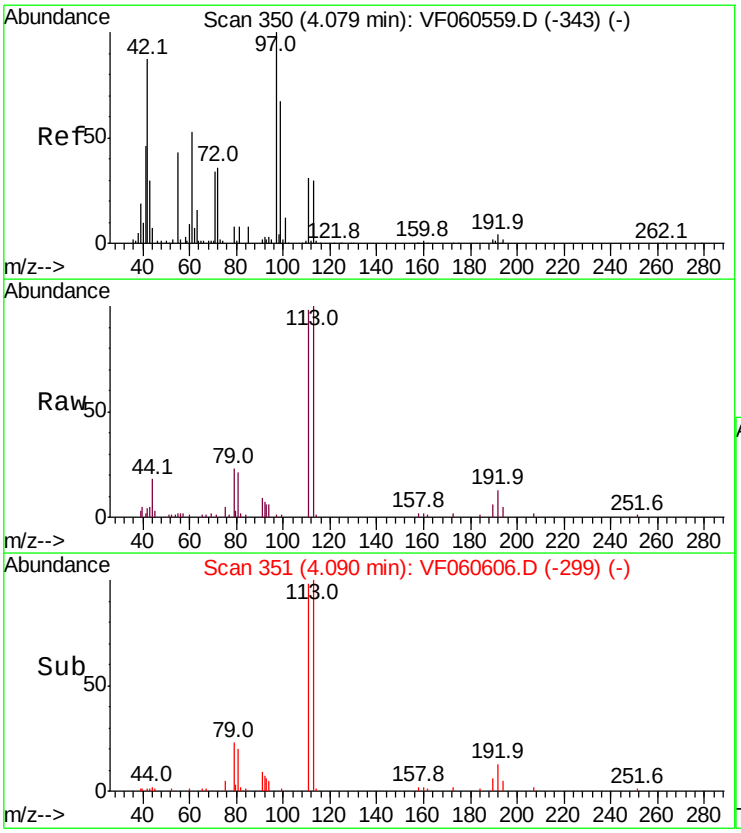
#25
2-Butanone
Concen: Below Cal
RT: 4.32 min Scan# 374
Delta R.T. -0.02 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 178

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.2#

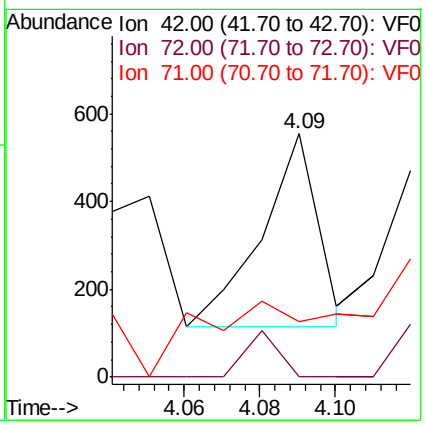


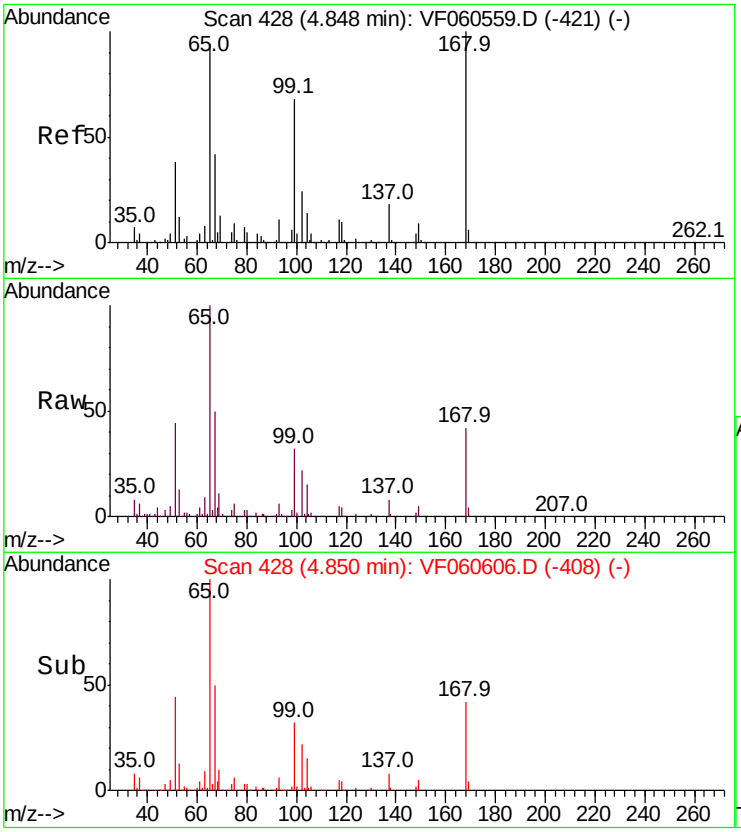


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.09 min Scan# 351
Delta R.T. 0.01 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Tgt Ion: 42 Resp: 458

Ion	Ratio	Lower	Upper
42	100		
72	13.8	31.4	47.0#
71	71.4	31.8	47.6#



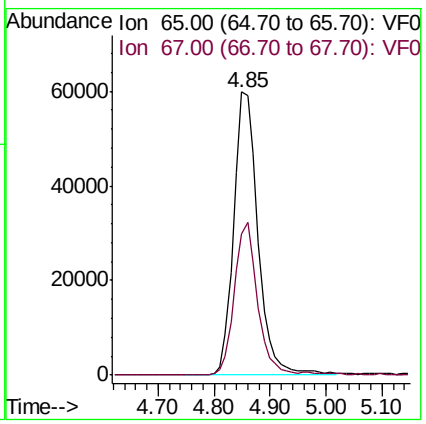


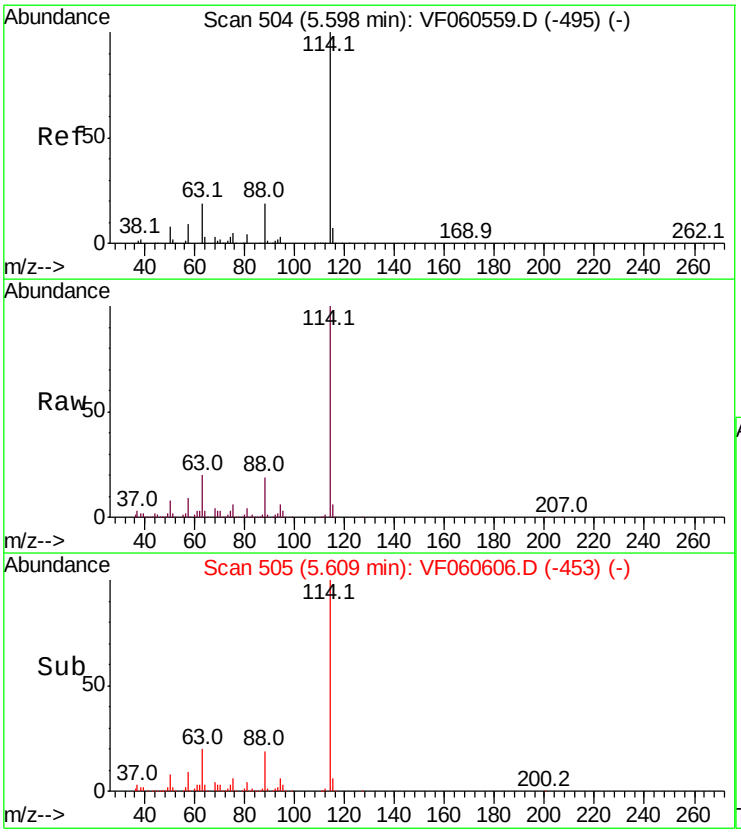
#33
1,2-Dichloroethane-d4
Concen: 56.951 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.00 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 180369

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	101.8

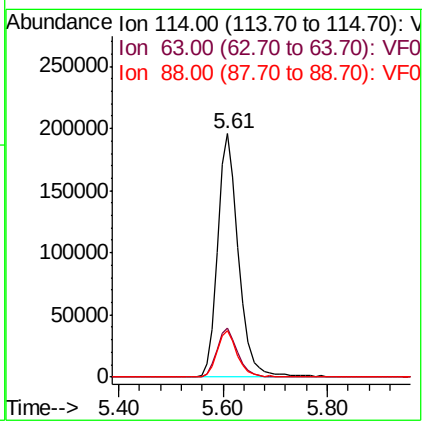


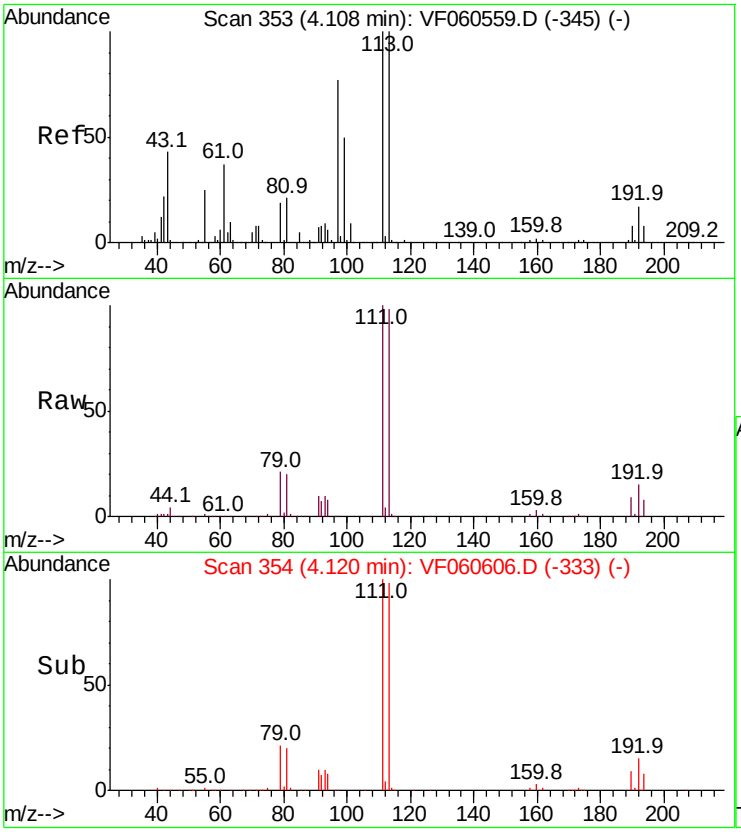


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Tgt Ion:114 Resp: 541218

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.0
88	19.0	0.0	38.2



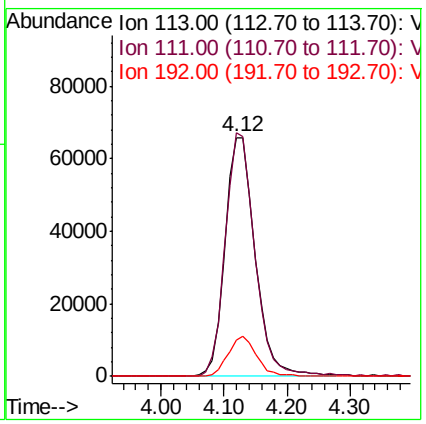


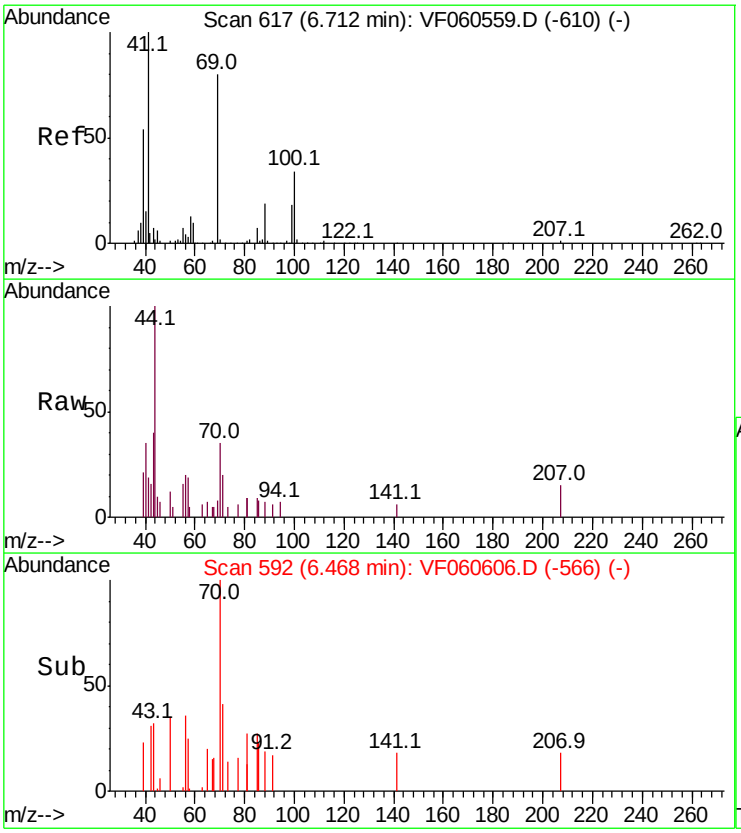
#35
Dibromofluoromethane
Concen: 51.909 ug/l
RT: 4.12 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 217056

Ion	Ratio	Lower	Upper
113	100		
111	101.9	79.9	119.9
192	15.1	13.3	19.9

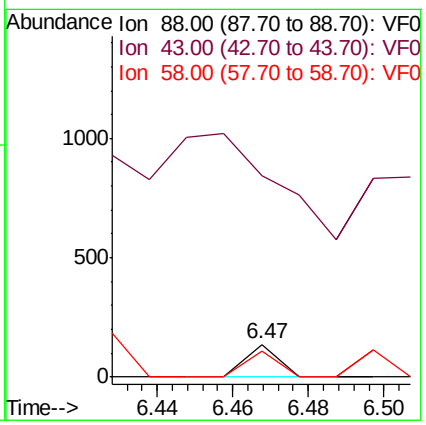


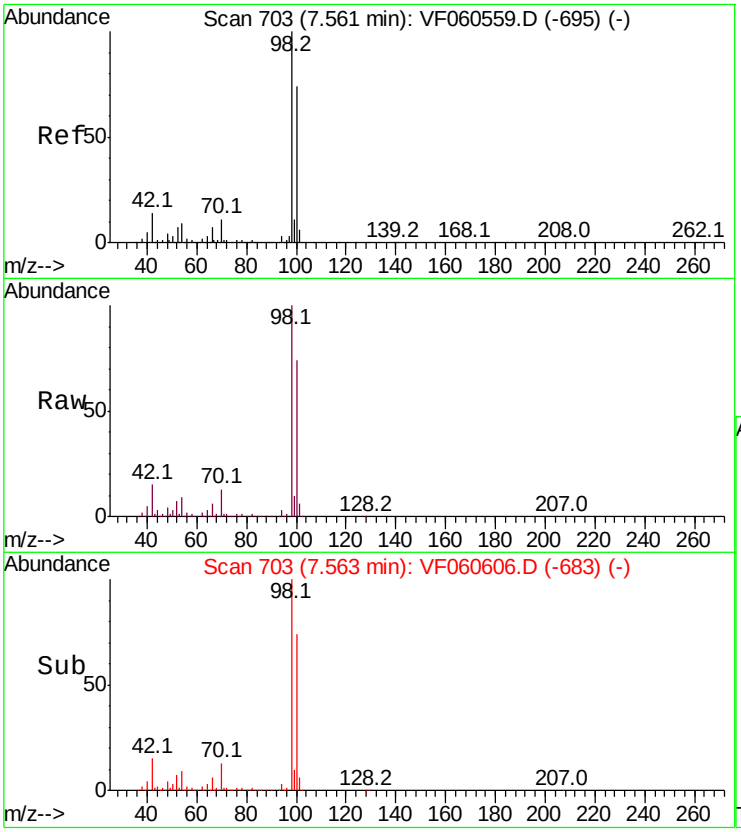


#49
1,4-Dioxane
Concen: 3.405 ug/l
RT: 6.47 min Scan# 592
Delta R.T. -0.24 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Tgt Ion: 88 Resp: 81

Ion	Ratio	Lower	Upper
88	100		
43	615.3	61.2	91.8#
58	77.4	56.9	85.3



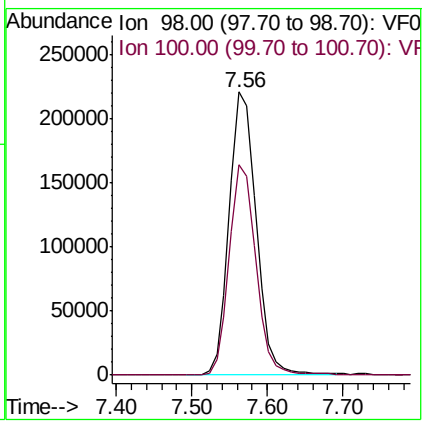


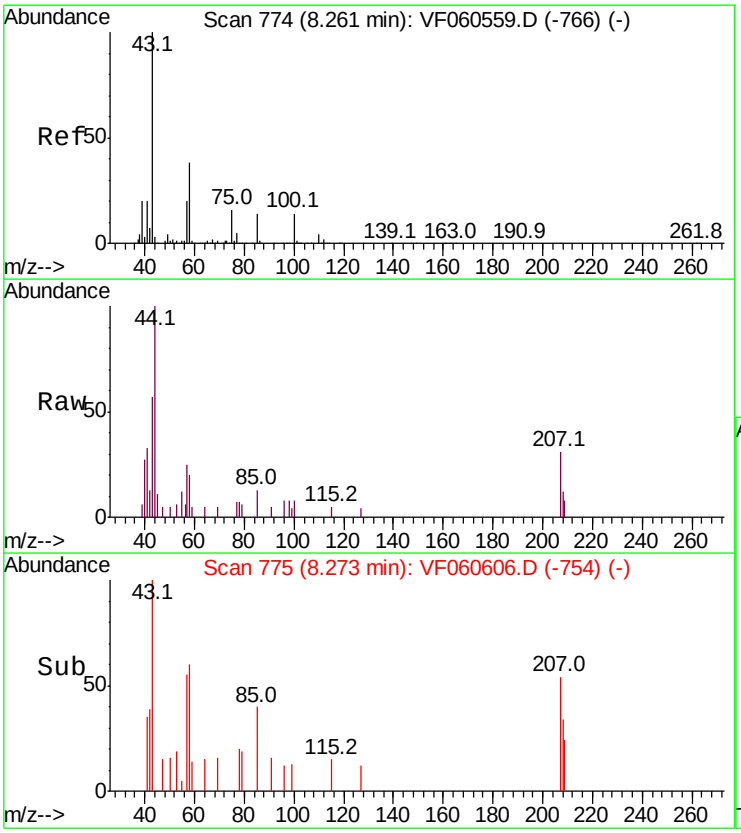
#50
Toluene-d8
Concen: 44.190 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 547368

Ion	Ratio	Lower	Upper
98	100		
100	74.3	59.4	89.2

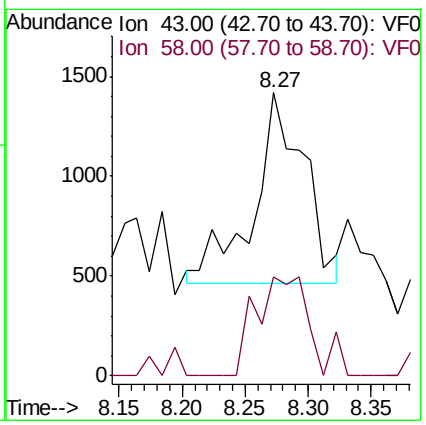


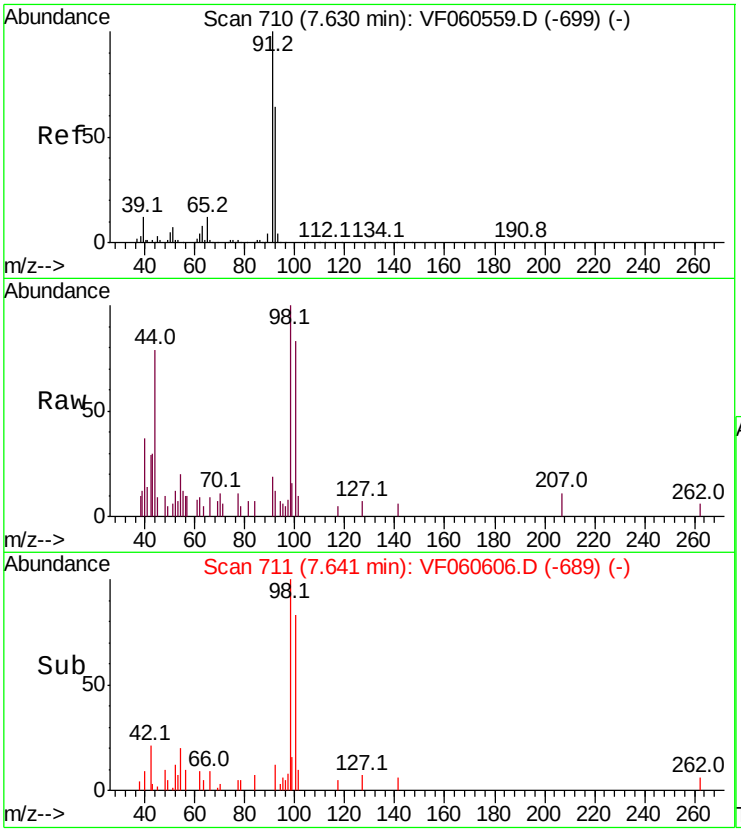


#51
4-Methyl-2-Pentanone
Concen: 1.106 ug/l
RT: 8.27 min Scan# 775
Delta R.T. 0.01 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Tgt Ion: 43 Resp: 2690

Ion	Ratio	Lower	Upper
43	100		
58	35.1	30.1	45.1



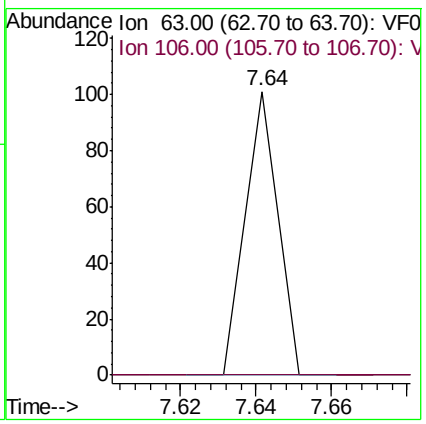


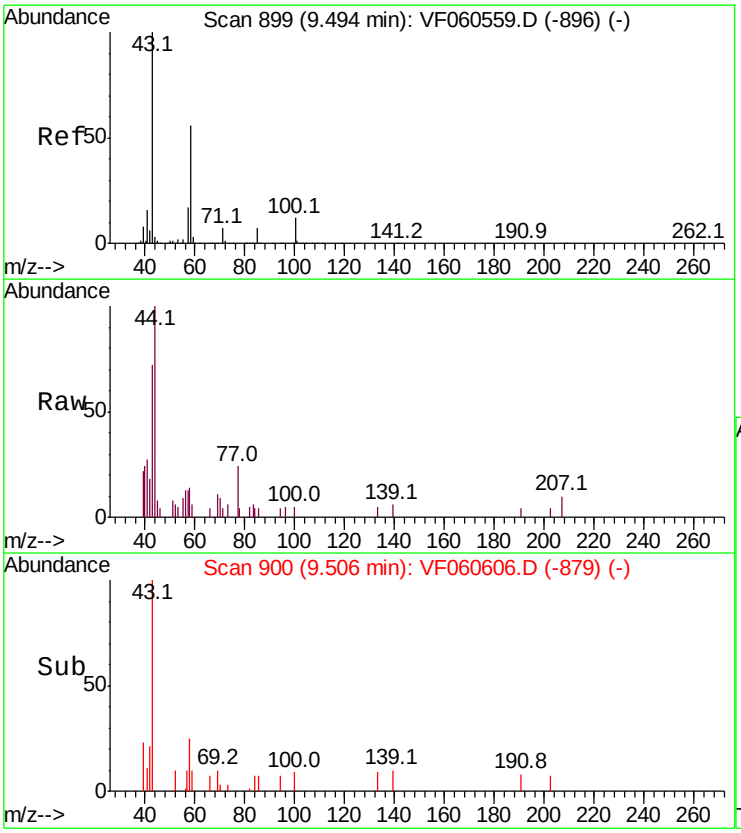
#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.64 min Scan# 711
Delta R.T. 0.01 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 63 Resp: 60

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

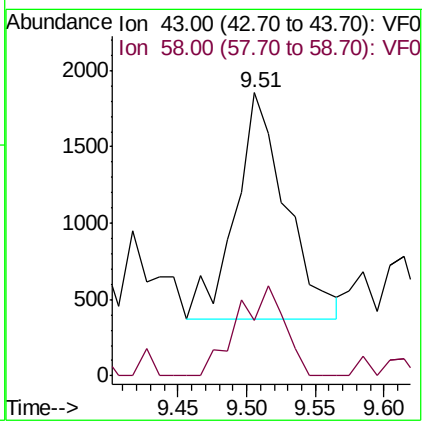


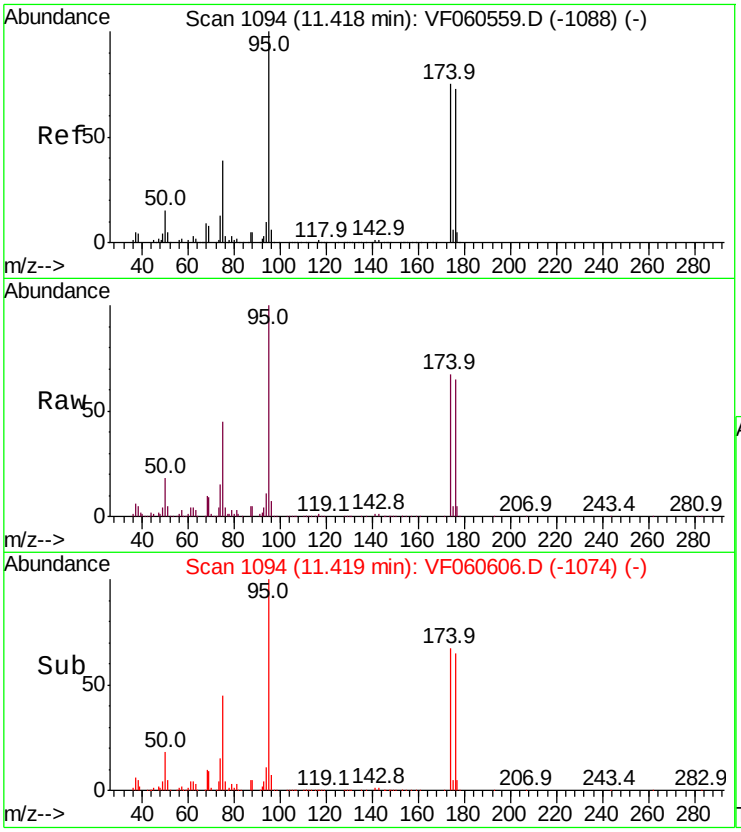


#59
2-Hexanone
Concen: Below Cal
RT: 9.51 min Scan# 900
Delta R.T. 0.01 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Tgt Ion: 43 Resp: 3800

Ion	Ratio	Lower	Upper
43	100		
58	19.5	26.1	78.3#



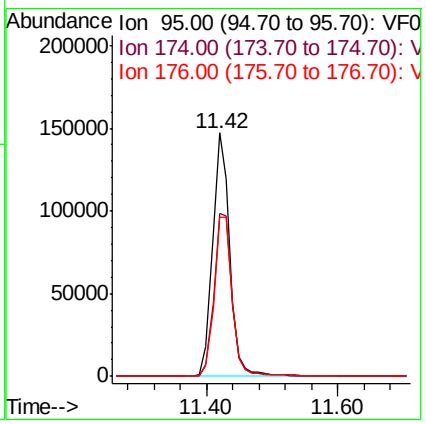


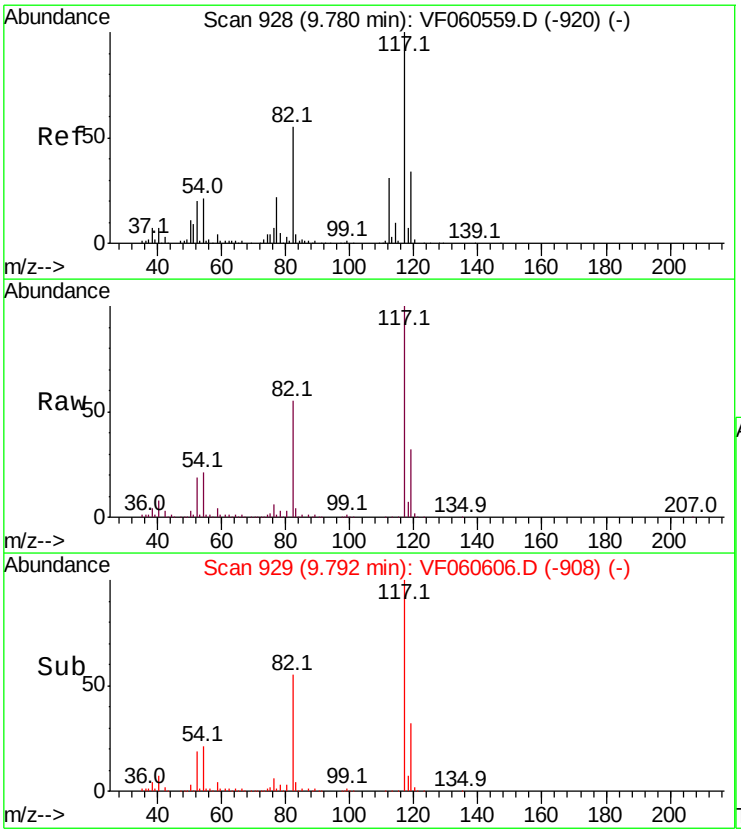
#62
4-Bromofluorobenzene
Concen: 48.697 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 263846

Ion	Ratio	Lower	Upper
95	100		
174	66.7	0.0	149.0
176	65.4	0.0	145.6

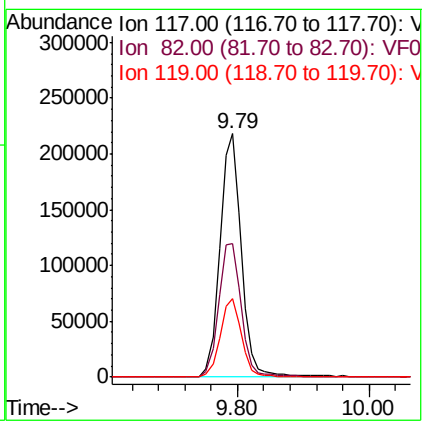


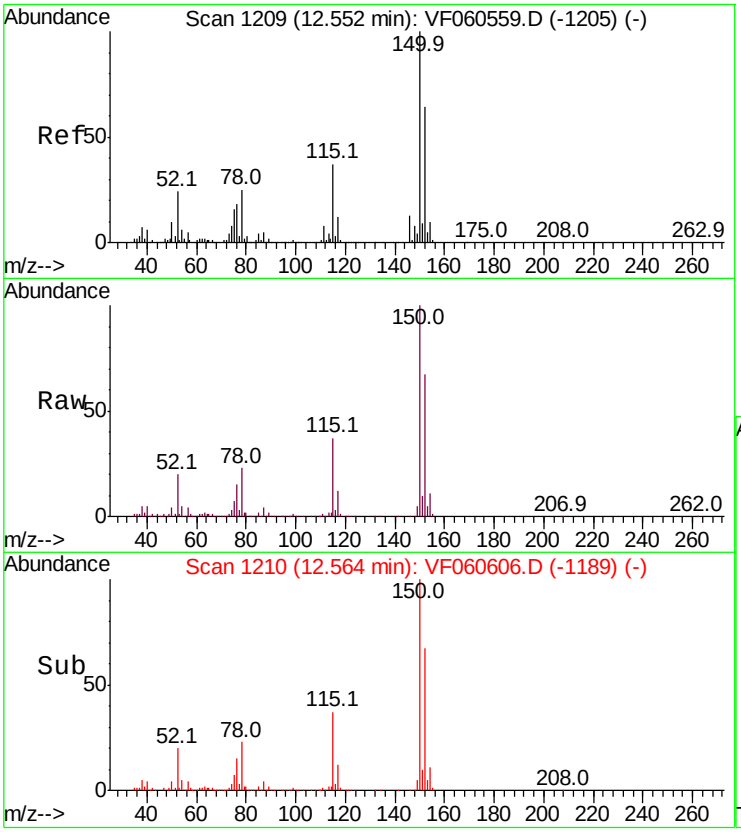


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Tgt Ion:117 Resp: 494416

Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.9	65.9
119	32.4	27.4	41.0



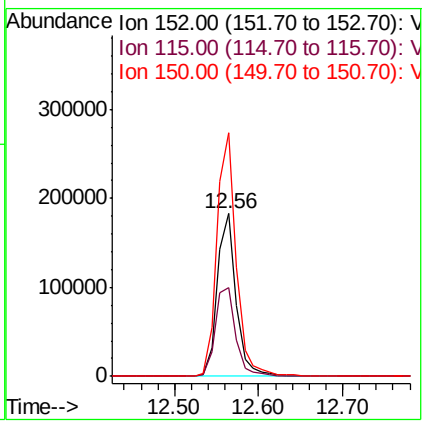


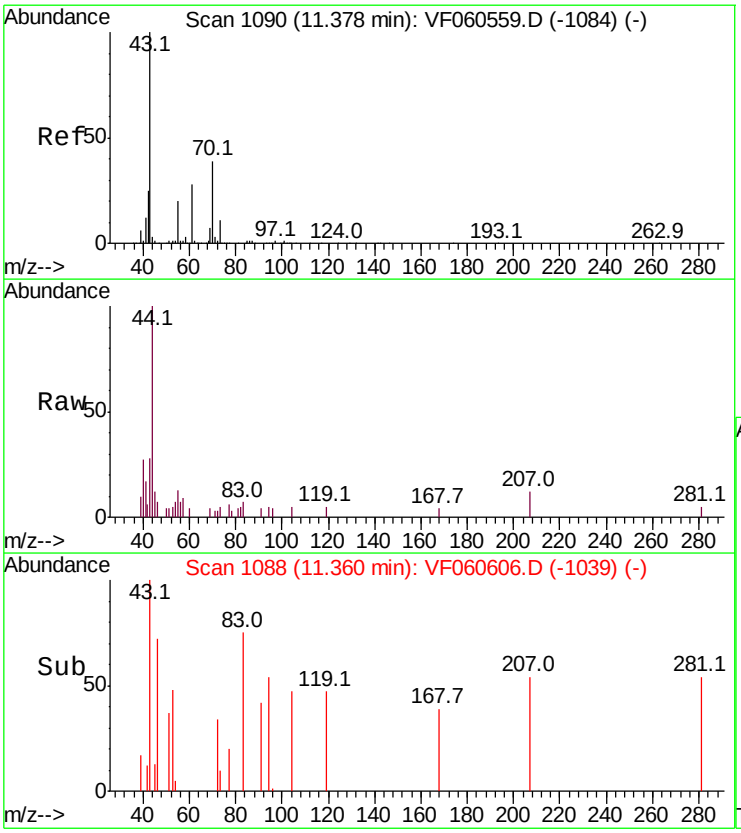
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF060606.D
Acq: 6 Nov 2018 10:32

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 284515

Ion	Ratio	Lower	Upper
152	100		
115	54.9	29.6	88.8
150	149.9	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: VF060606.D
Acq: 6 Nov 2018 10:32

Tgt Ion: 43 Resp: 659

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.9	46.3#
55	46.4	16.6	24.8#
61	0.0	22.0	33.0#