Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110818\
Data File : VF060660.D
Acq On : 8 Nov 2018 20:11
Operator : VA/AP
Sample : J5838-01RE
Misc : 6.46g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 09 12:34:51 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	4.86	168	255096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	427610	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	382500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	201542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	117813	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.42%			
35) Dibromofluoromethane	4.11	113	138871	42.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.06%			
50) Toluene-d8	7.55	98	336420	34.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 68.76%			
62) 4-Bromofluorobenzene	11.41	95	162836	38.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.94	85	65	Below Cal	#	41
6) Chloroethane	1.37	64	120	Below Cal	#	40
8) Diethyl Ether	1.62	74	1900	2.662	ug/l	81
11) Tert butyl alcohol	2.57	59	375	Below Cal	#	1
13) Acrolein	1.85	56	424	Below Cal		89
15) Acrylonitrile	2.95	53	689	2.243	ug/l #	57
16) Acetone	2.24	43	10913	17.969	ug/l #	81
18) Methyl Acetate	2.34	43	596	1.105	ug/l #	64
25) 2-Butanone	4.34	43	1649	Below Cal	#	89
29) Tetrahydrofuran	4.09	42	2908	Below Cal	#	81
49) 1,4-Dioxane	6.26	88	60	3.192	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.62	63	1270	Below Cal		100
59) 2-Hexanone	9.49	43	3714	Below Cal		88
74) N-amyl acetate	11.37	43	556	Below Cal	#	69
89) n-Butylbenzene	12.84	91	856	Below Cal		75

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

Quantitation Report (Not Reviewed)

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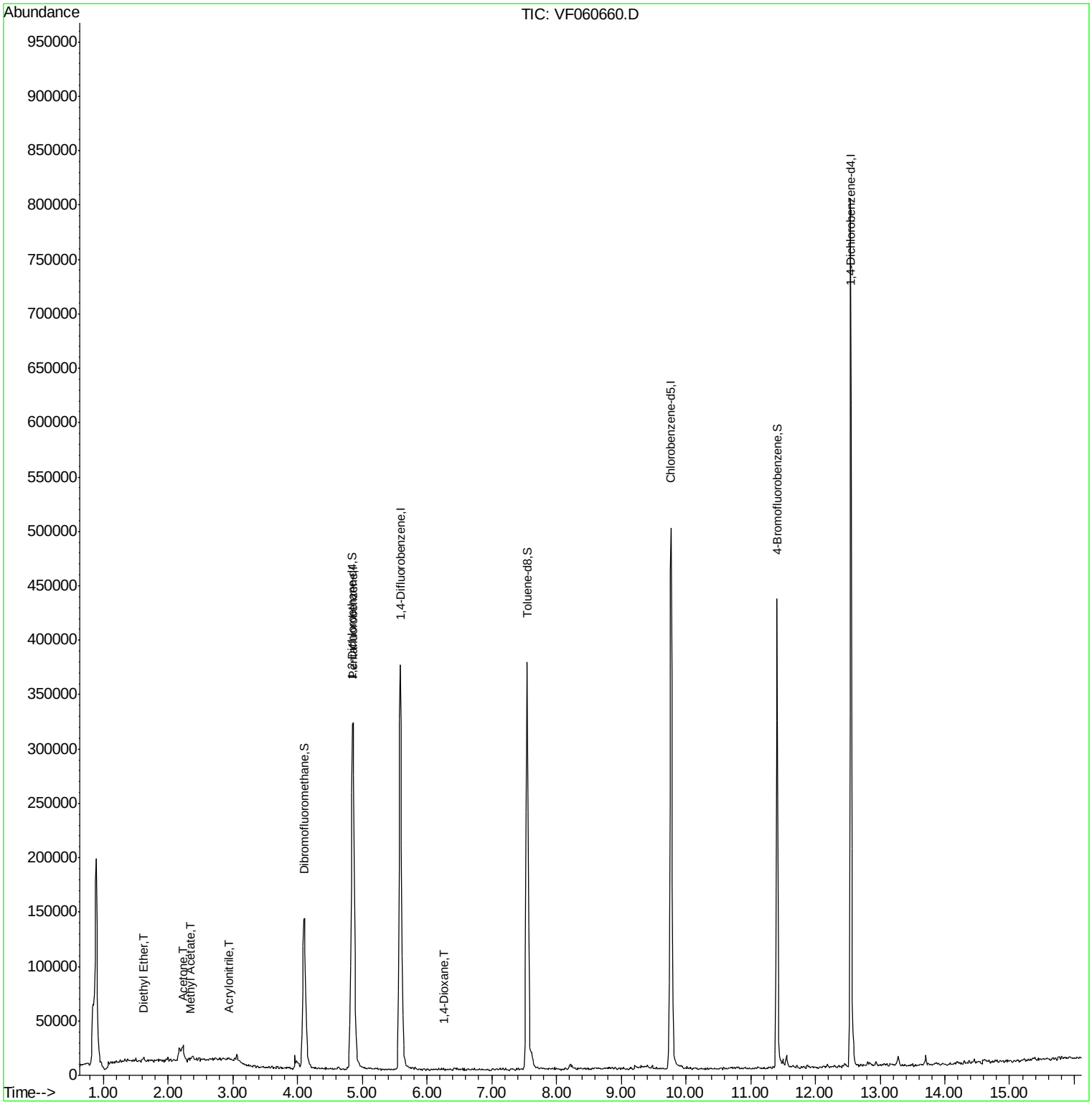
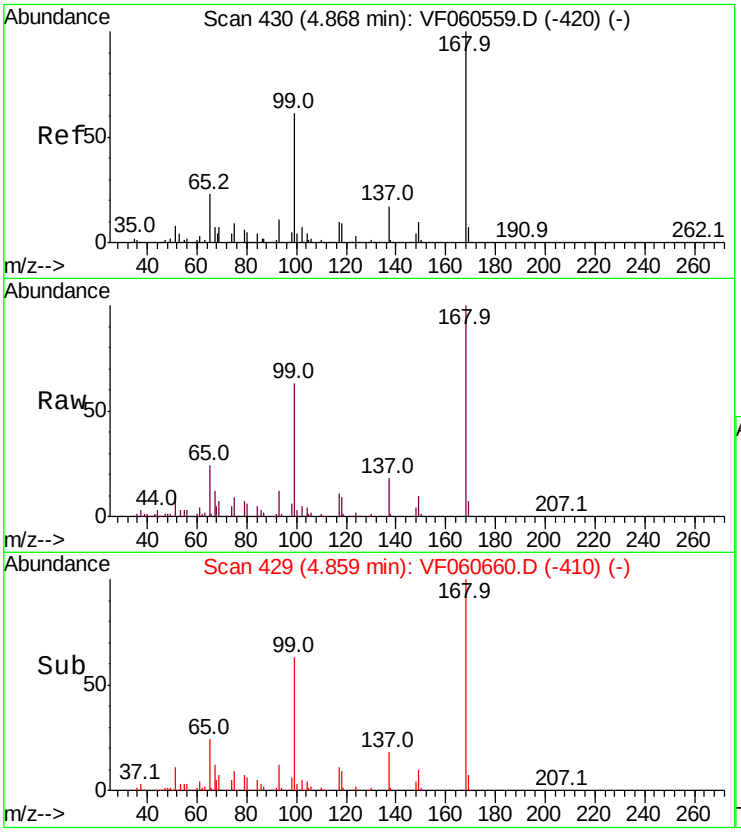
Operator : VA/AP
Sample : J5838-01RE
Misc : 6.46g/5mL/MSVOA-F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 09 12:34:51 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



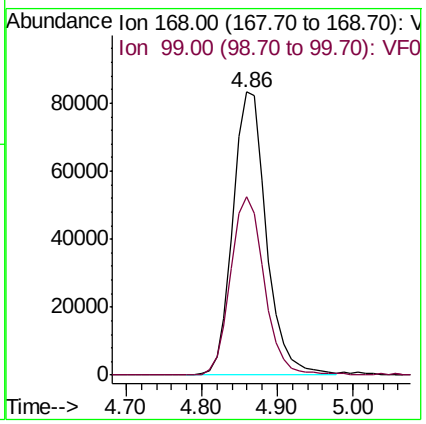


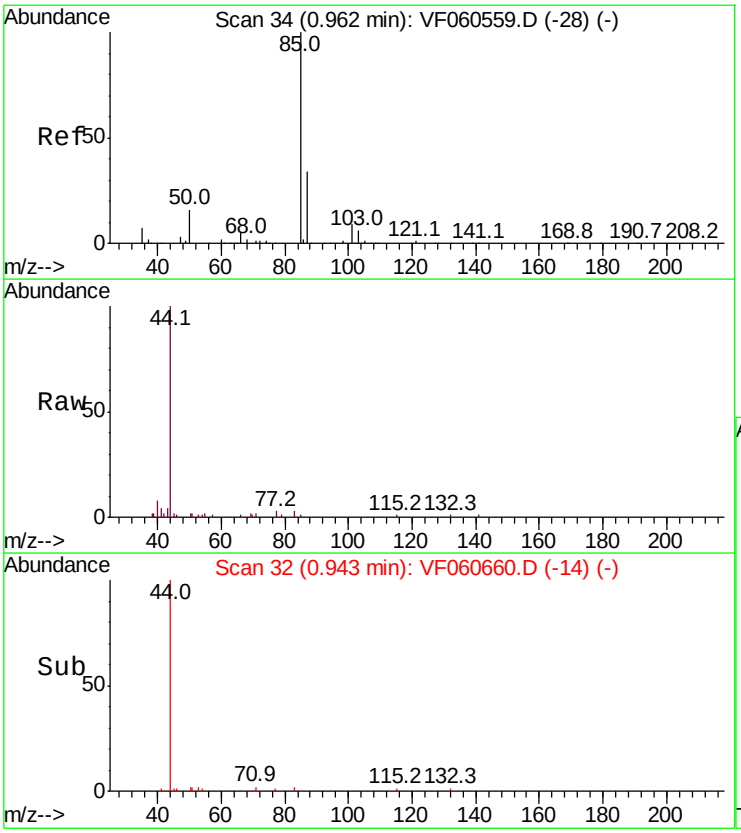
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.01 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 255096

Ion	Ratio	Lower	Upper
168	100		
99	63.1	48.6	72.8

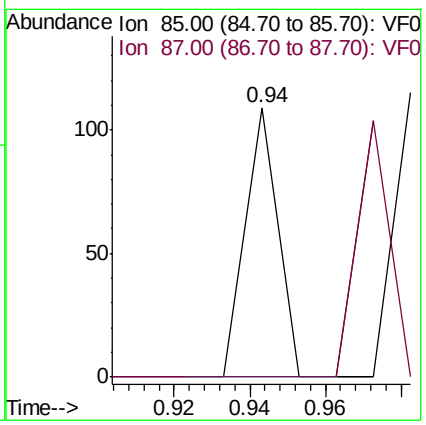


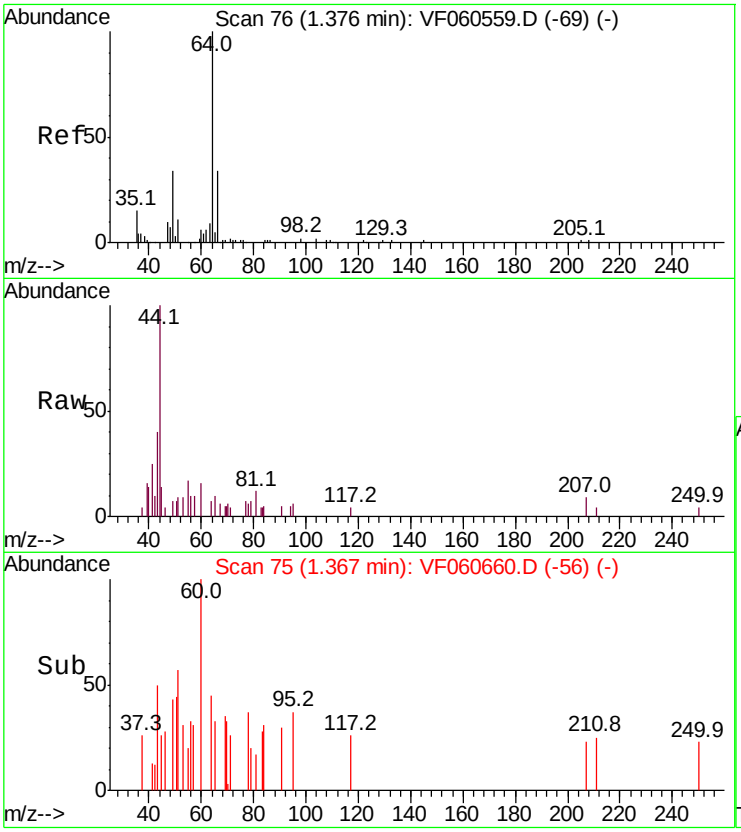


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.94 min Scan# 32
Delta R.T. -0.02 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Tgt Ion: 85 Resp: 65

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



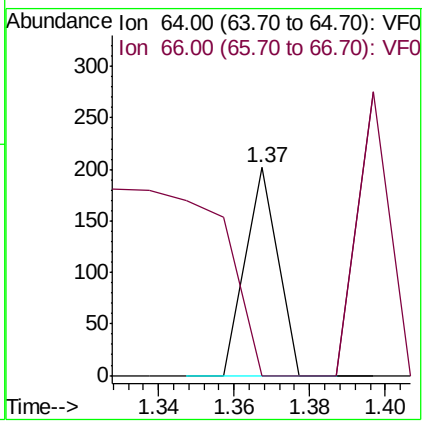


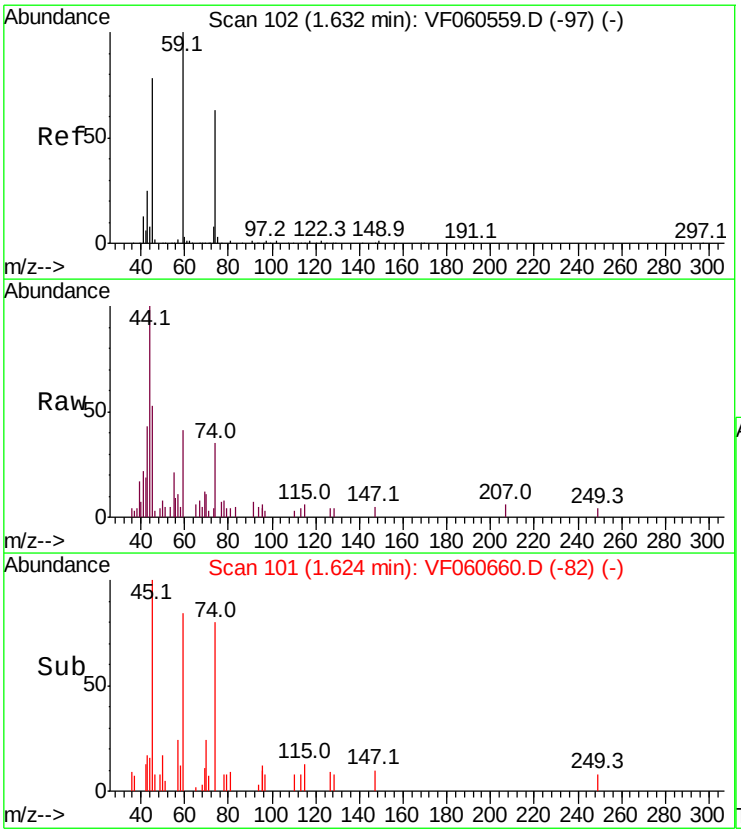
#6
Chloroethane
Concen: Below Cal
RT: 1.37 min Scan# 75
Delta R.T. -0.01 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 64 Resp: 120

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.8	41.8#

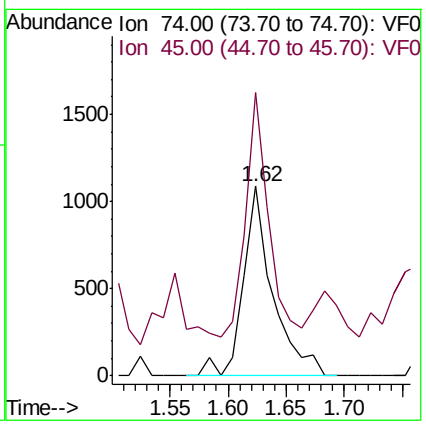


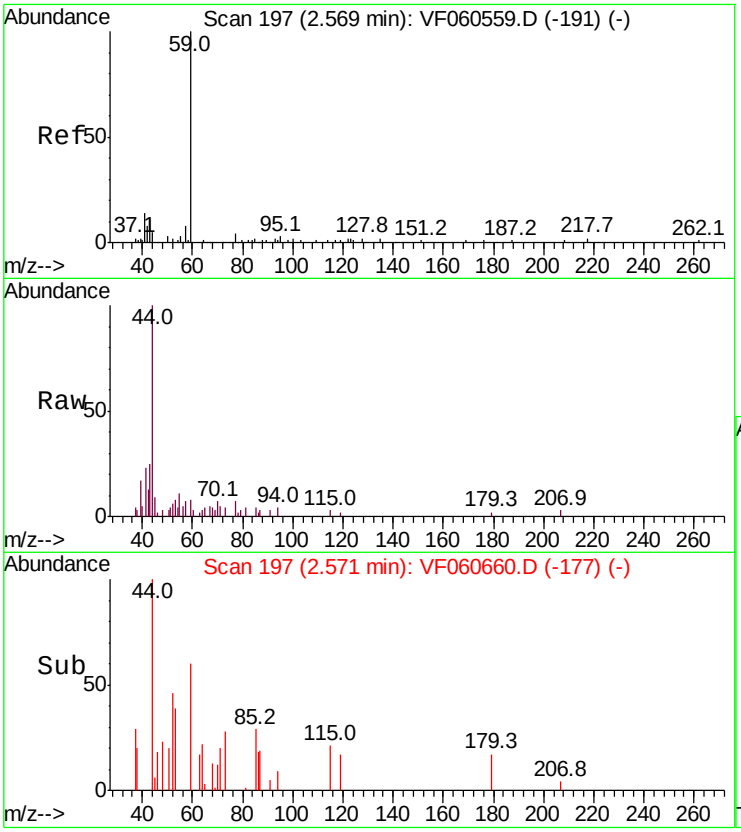


#8
Diethyl Ether
Concen: 2.662 ug/l
RT: 1.62 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Tgt Ion: 74 Resp: 1900

Ion	Ratio	Lower	Upper
74	100		
45	149.2	63.8	191.5



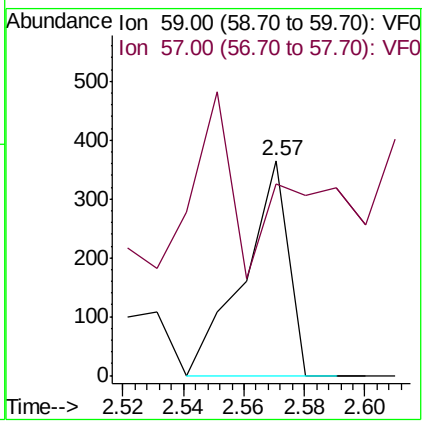


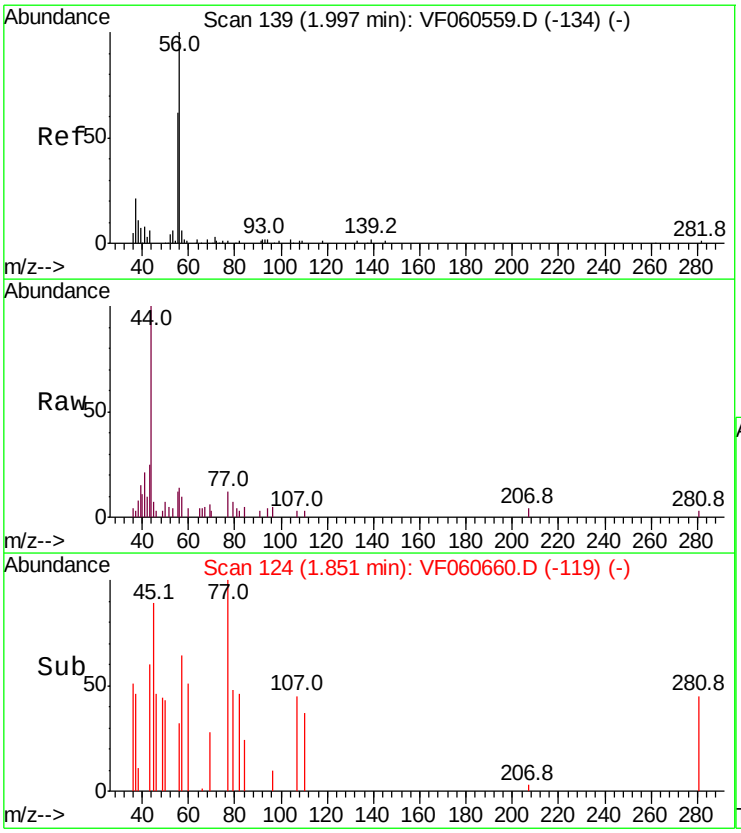
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.57 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 375

Ion	Ratio	Lower	Upper
59	100		
57	89.3	19.0	28.4#

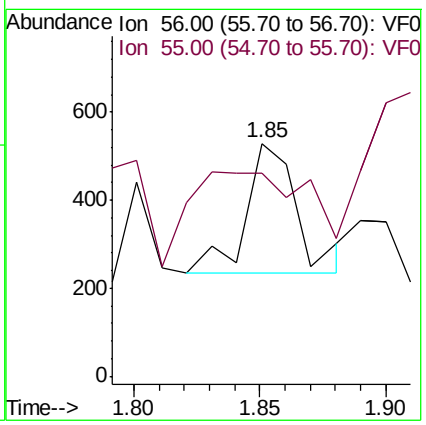


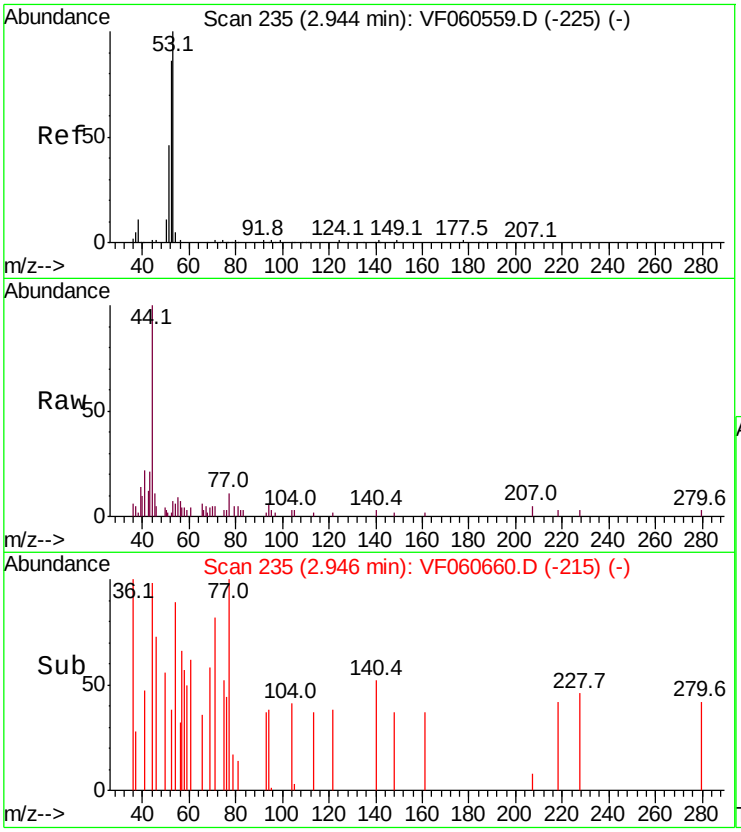


#13
Acrolein
Concen: Below Cal
RT: 1.85 min Scan# 124
Delta R.T. -0.15 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Tgt Ion: 56 Resp: 424

Ion	Ratio	Lower	Upper
56	100		
55	87.1	61.8	92.6



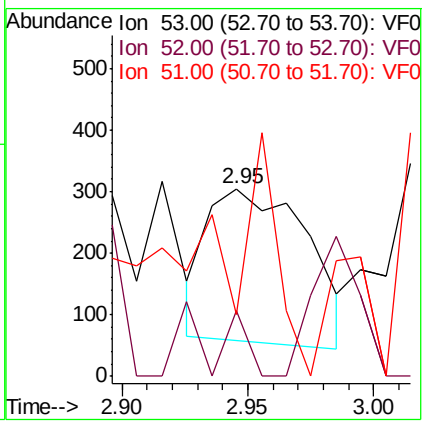


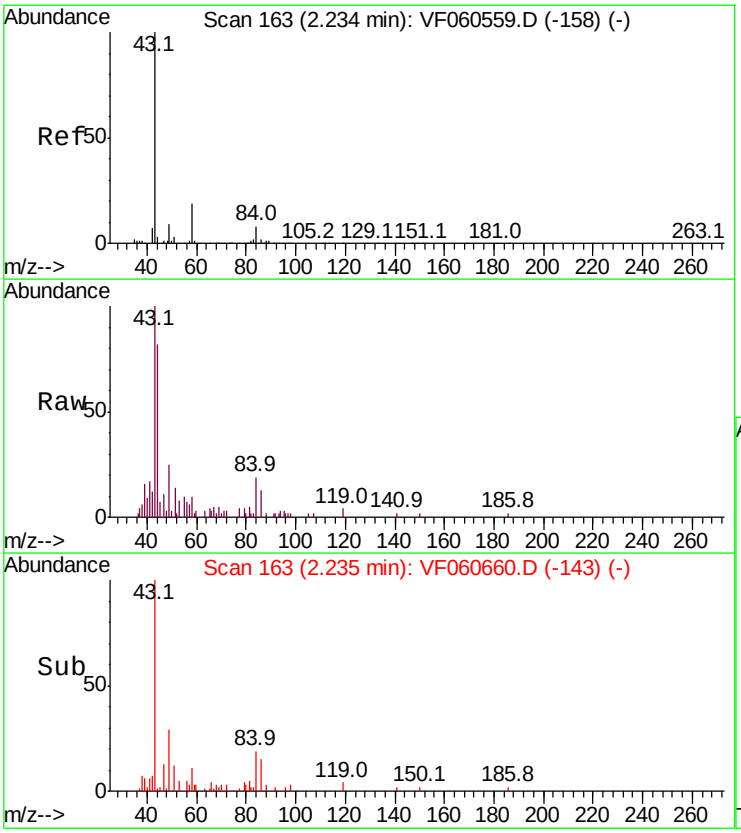
#15
Acrylonitrile
Concen: 2.243 ug/l
RT: 2.95 min Scan# 235
Delta R.T. 0.00 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 689

Ion	Ratio	Lower	Upper
53	100		
52	34.8	68.5	102.7#
51	33.1	38.2	57.2#

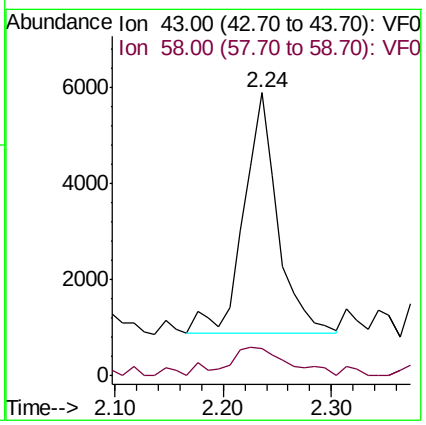


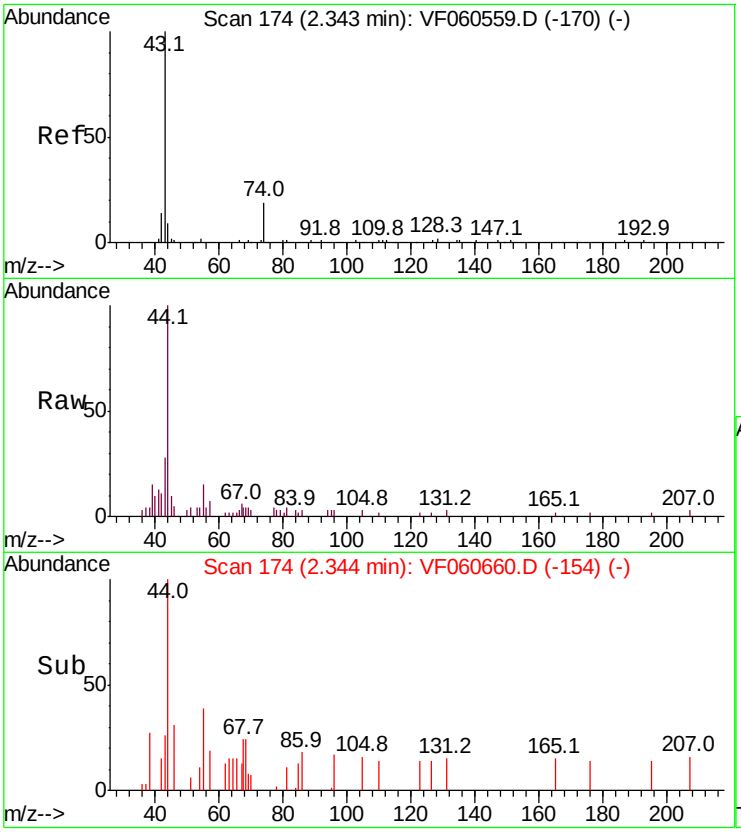


#16
Acetone
Concen: 17.969 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Tgt Ion: 43 Resp: 10913

Ion	Ratio	Lower	Upper
43	100		
58	9.6	14.6	22.0#



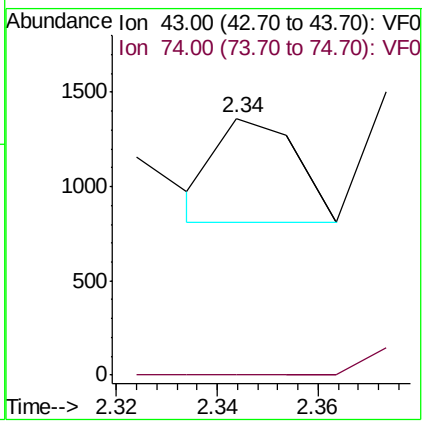


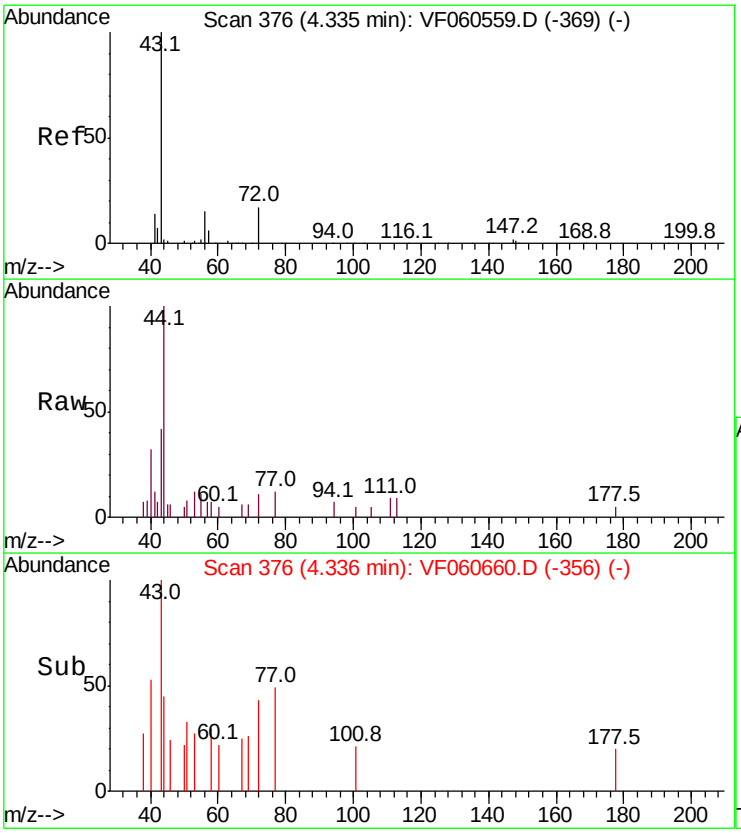
#18
Methyl Acetate
Concen: 1.105 ug/l
RT: 2.34 min Scan# 174
Delta R.T. 0.00 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 596

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#

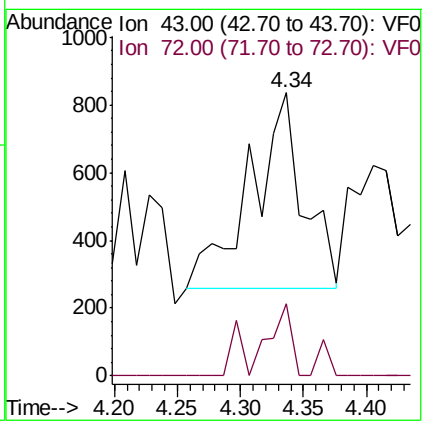


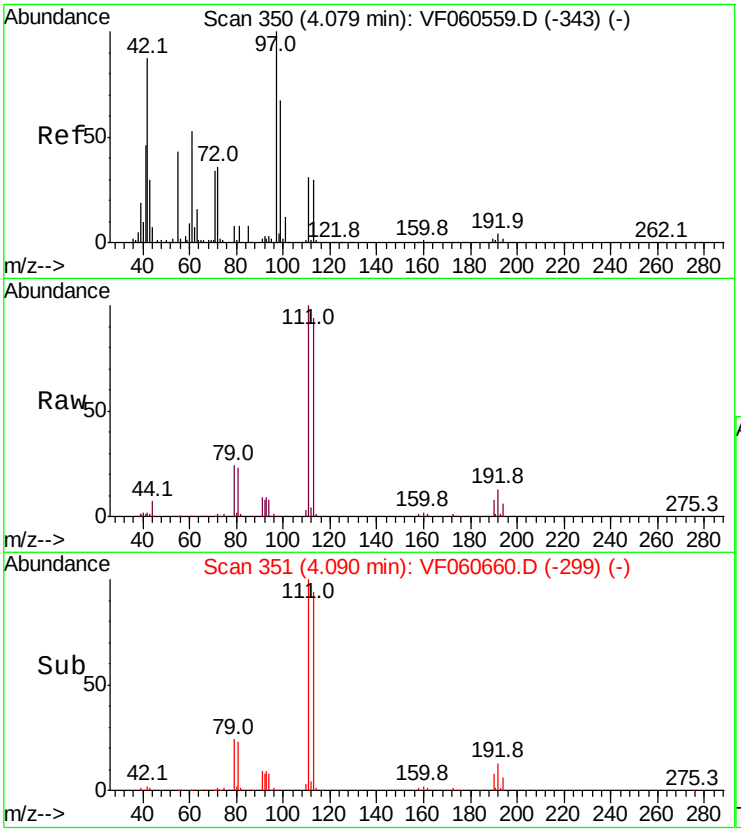


#25
2-Butanone
Concen: Below Cal
RT: 4.34 min Scan# 376
Delta R.T. 0.00 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Tgt Ion: 43 Resp: 1649

Ion	Ratio	Lower	Upper
43	100		
72	25.5	16.2	24.2#



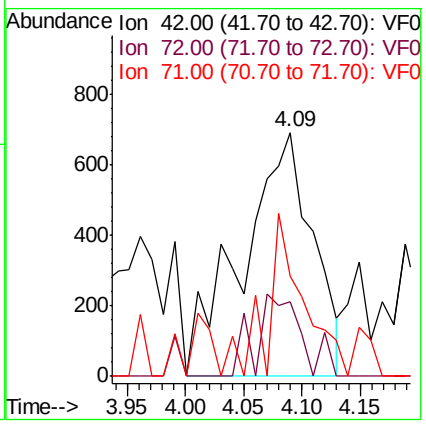


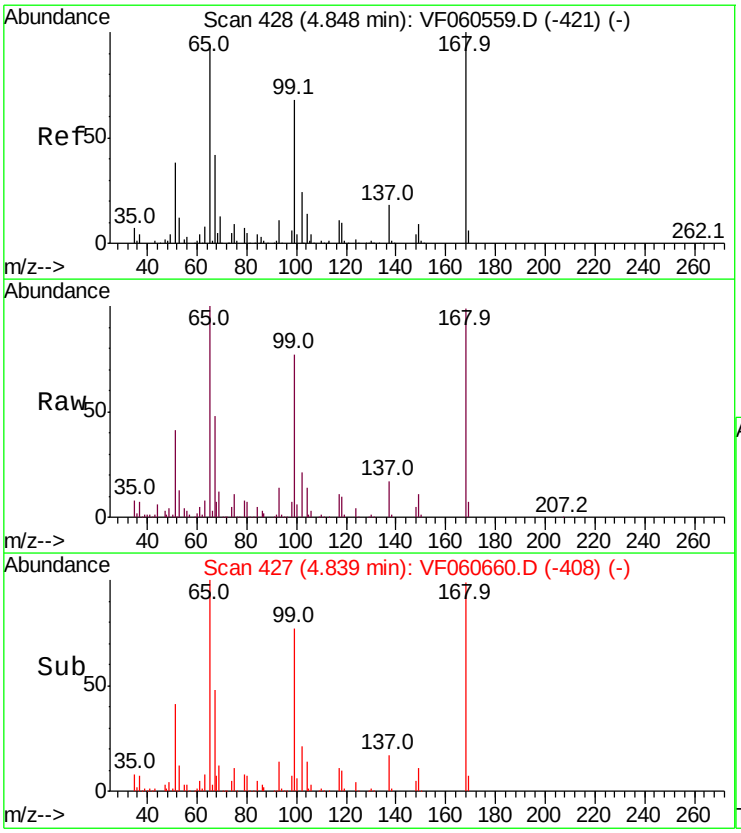
#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.09 min Scan# 351
Delta R.T. 0.01 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 42 Resp: 2908

Ion	Ratio	Lower	Upper
42	100		
72	21.7	31.4	47.0#
71	34.4	31.8	47.6

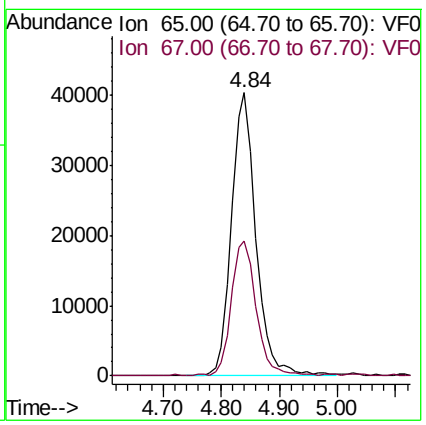


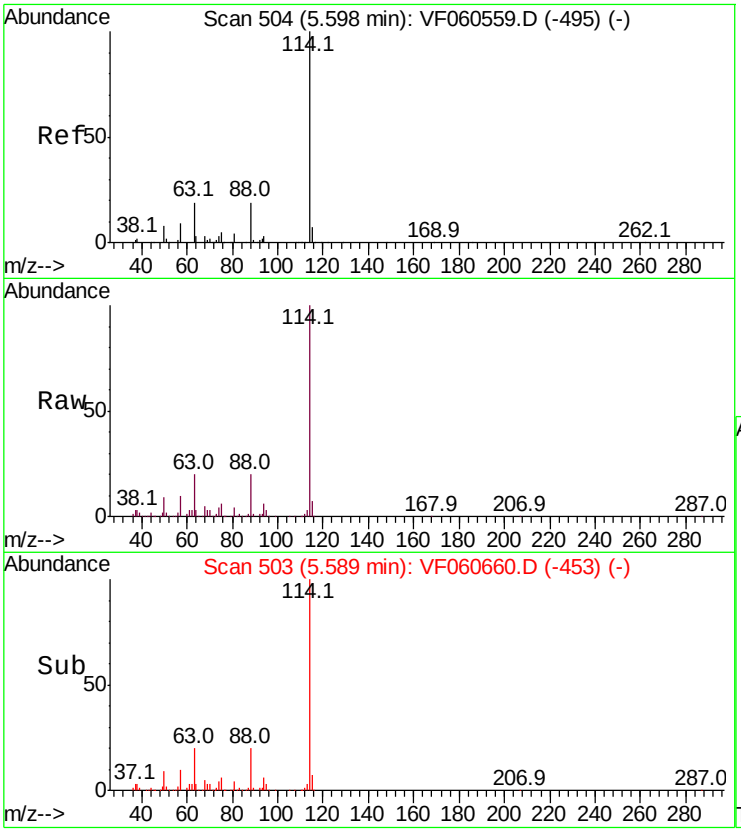


#33
1,2-Dichloroethane-d4
Concen: 45.710 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Tgt Ion: 65 Resp: 117813

Ion	Ratio	Lower	Upper
65	100		
67	47.8	0.0	101.8



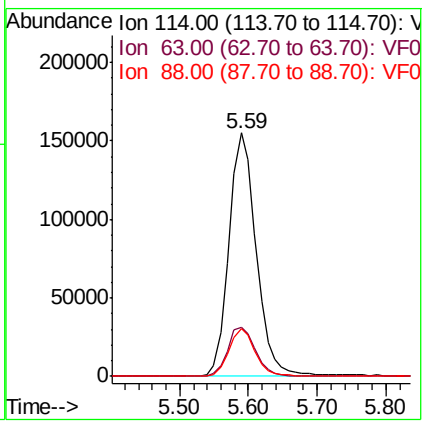


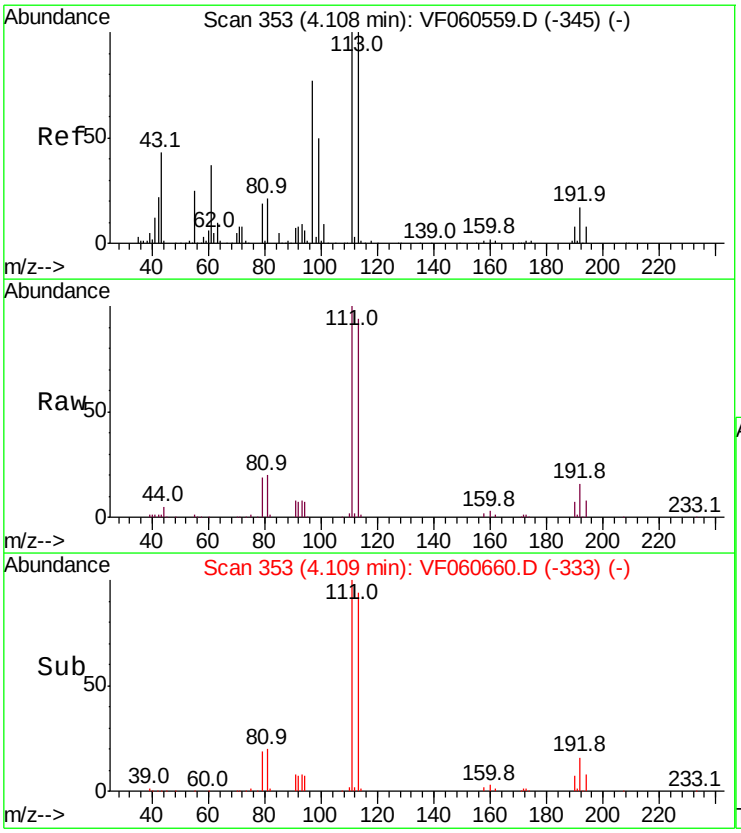
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.01 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:114 Resp: 427610

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.0
88	19.8	0.0	38.2

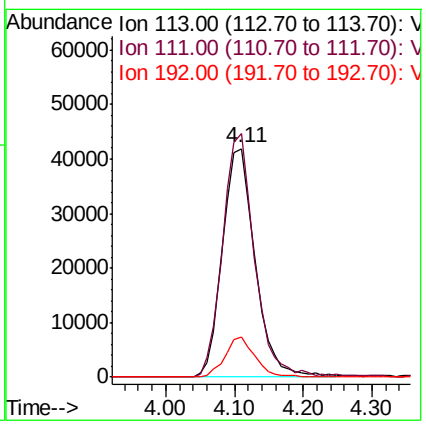


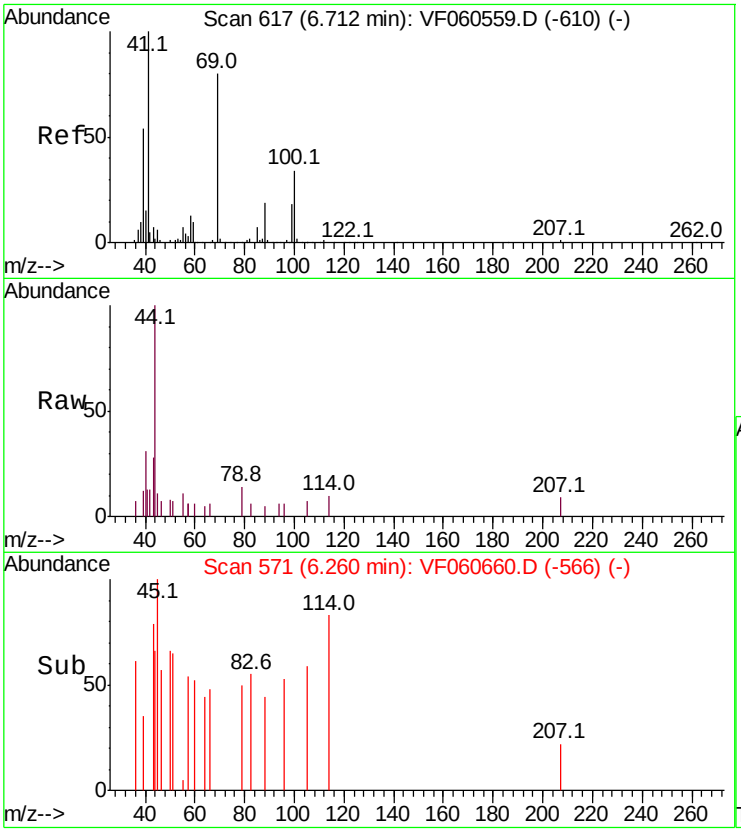


#35
Dibromofluoromethane
Concen: 42.035 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Tgt Ion:113 Resp: 138871

Ion	Ratio	Lower	Upper
113	100		
111	106.5	79.9	119.9
192	17.7	13.3	19.9



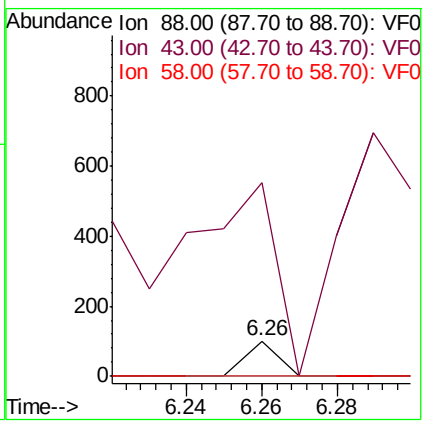


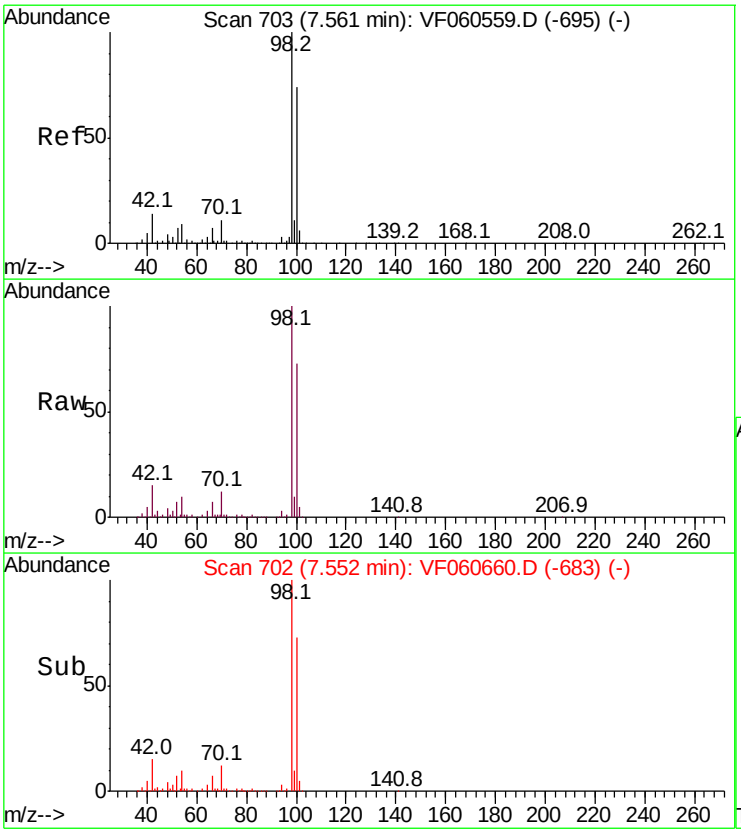
#49
1,4-Dioxane
Concen: 3.192 ug/l
RT: 6.26 min Scan# 571
Delta R.T. -0.45 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	547.5	61.2	91.8#
58	0.0	56.9	85.3#

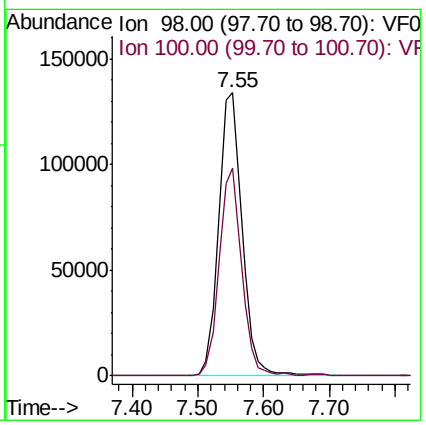


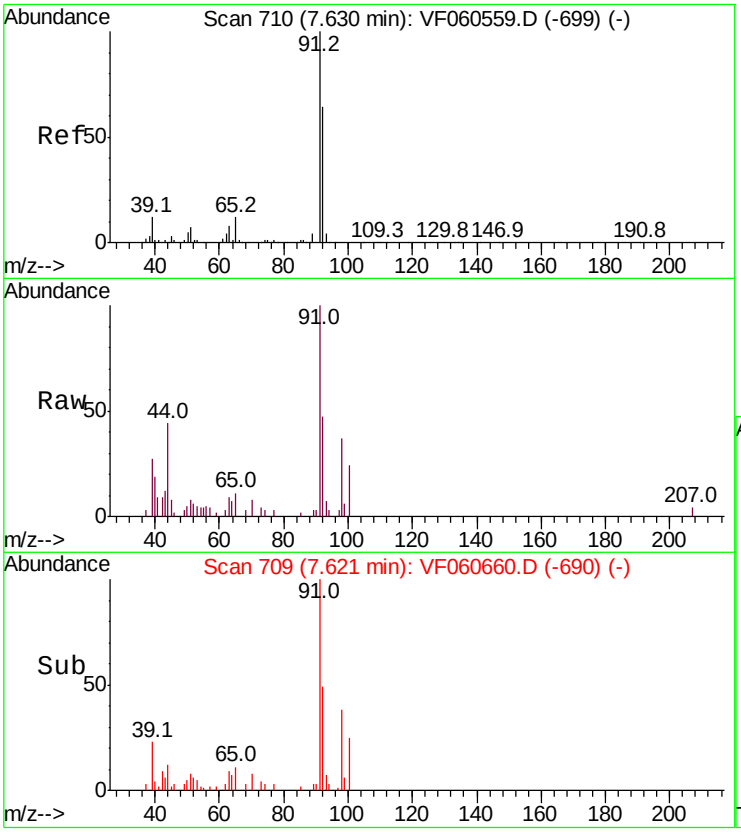


#50
Toluene-d8
Concen: 34.376 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Tgt Ion: 98 Resp: 336420

Ion	Ratio	Lower	Upper
98	100		
100	73.3	59.4	89.2



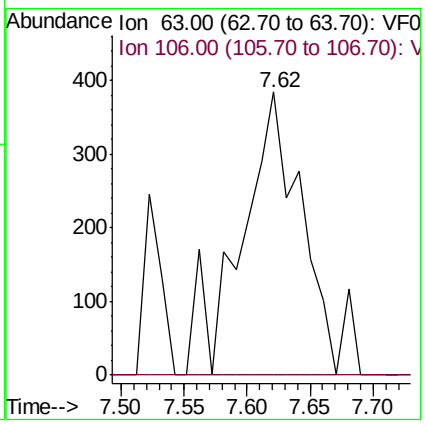


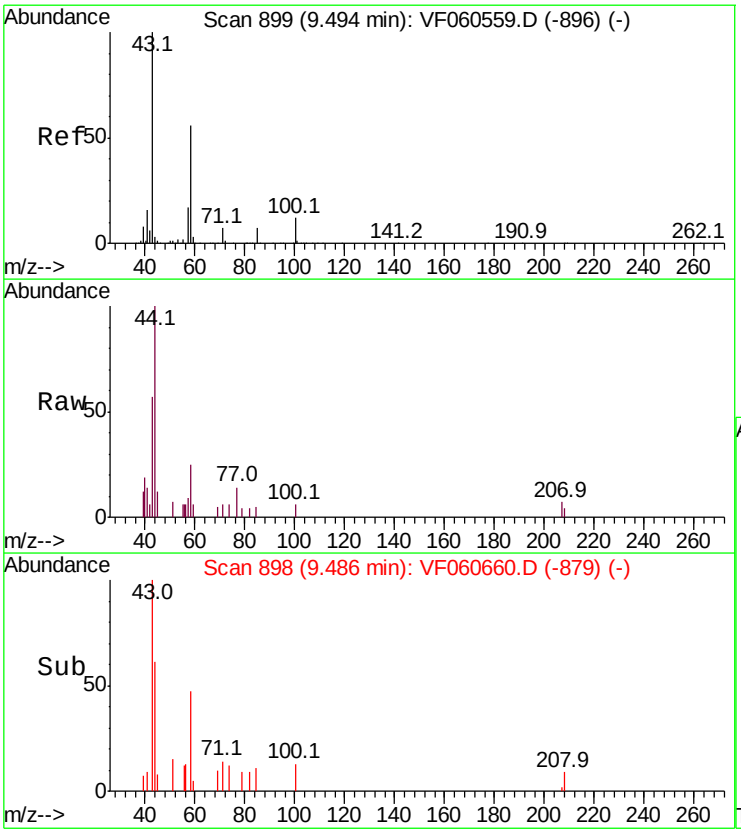
#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.62 min Scan# 709
Delta R.T. -0.01 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 63 Resp: 1270

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

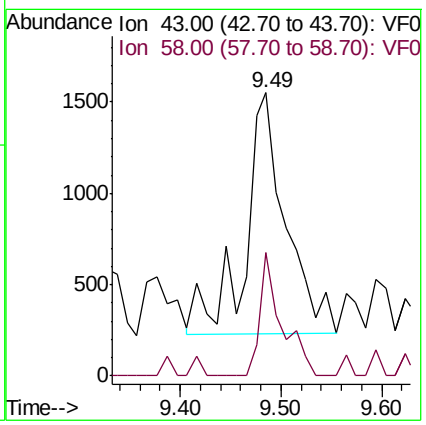


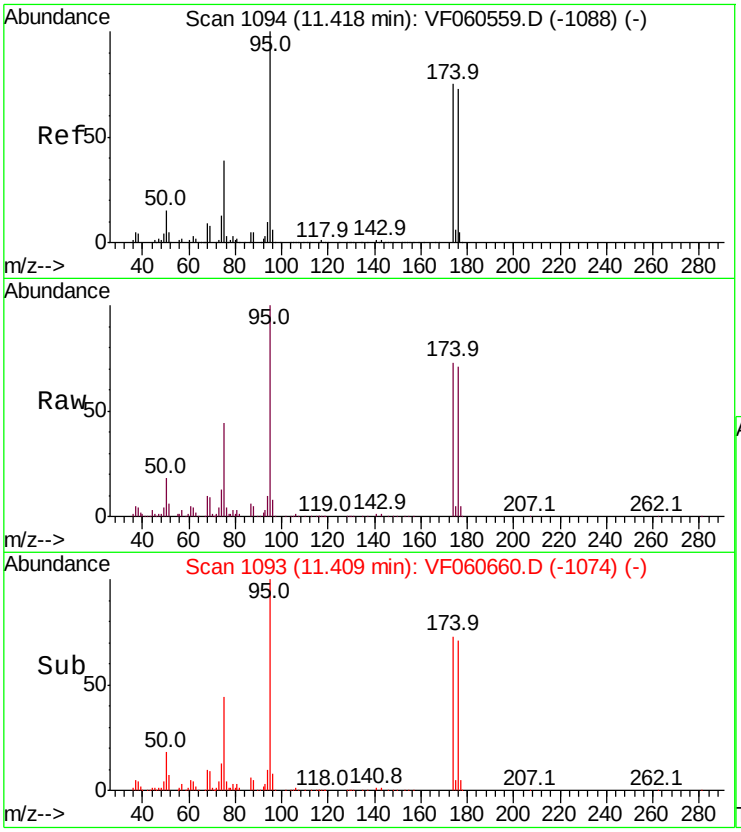


#59
2-Hexanone
Concen: Below Cal
RT: 9.49 min Scan# 898
Delta R.T. -0.01 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Tgt Ion: 43 Resp: 3714

Ion	Ratio	Lower	Upper
43	100		
58	43.7	26.1	78.3



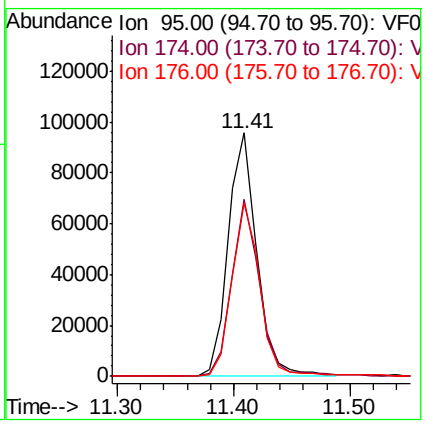


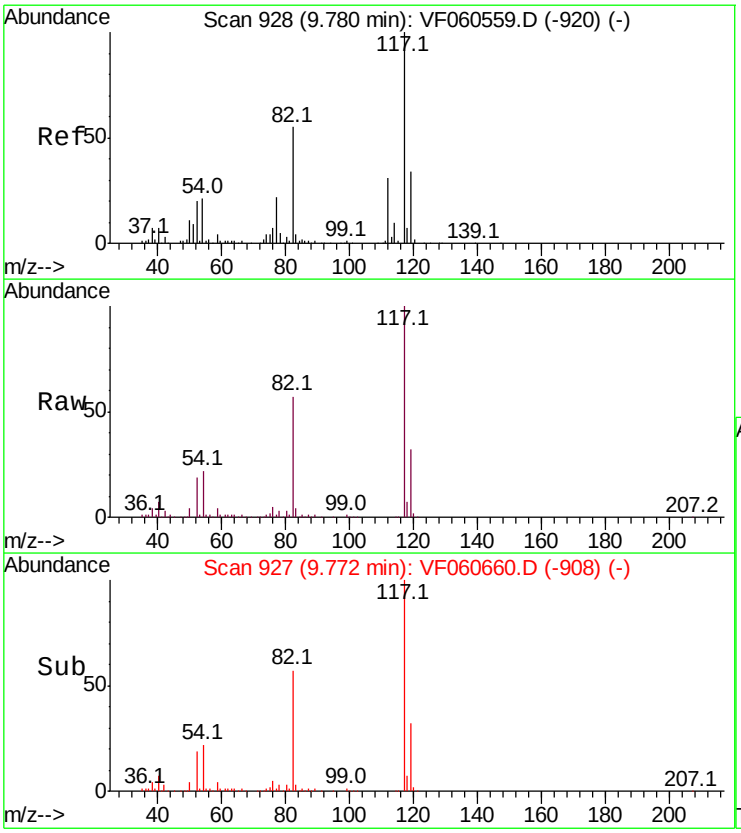
#62
4-Bromofluorobenzene
Concen: 38.039 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 162836

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	149.0
176	71.0	0.0	145.6

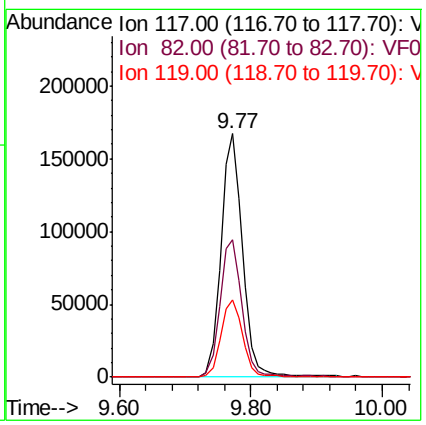


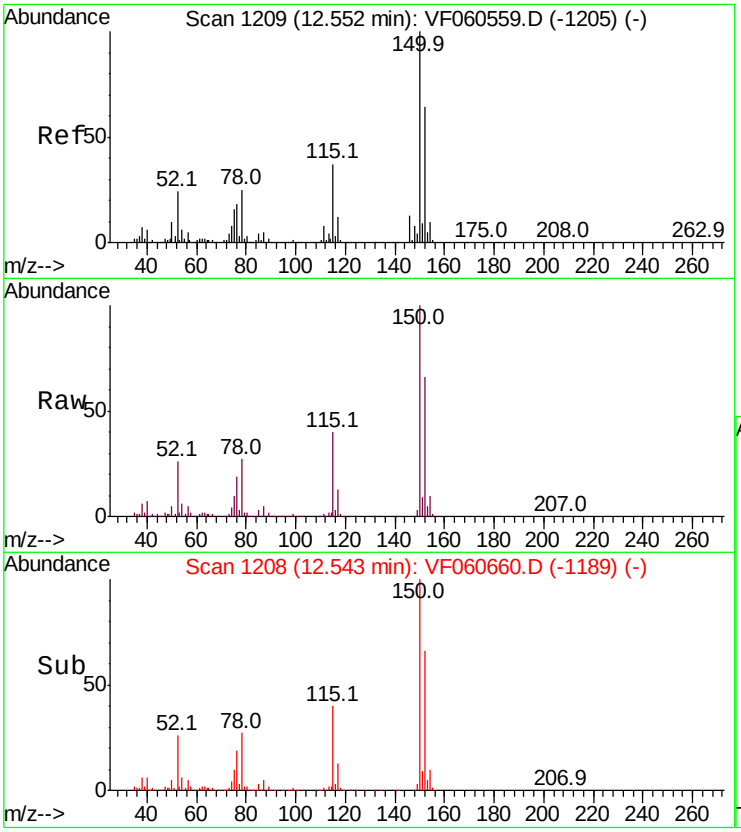


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Tgt Ion:117 Resp: 382500

Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.9	65.9
119	32.0	27.4	41.0



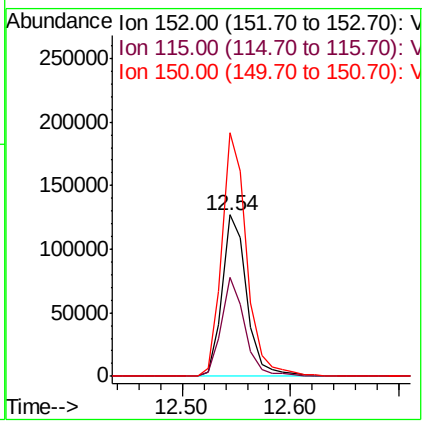


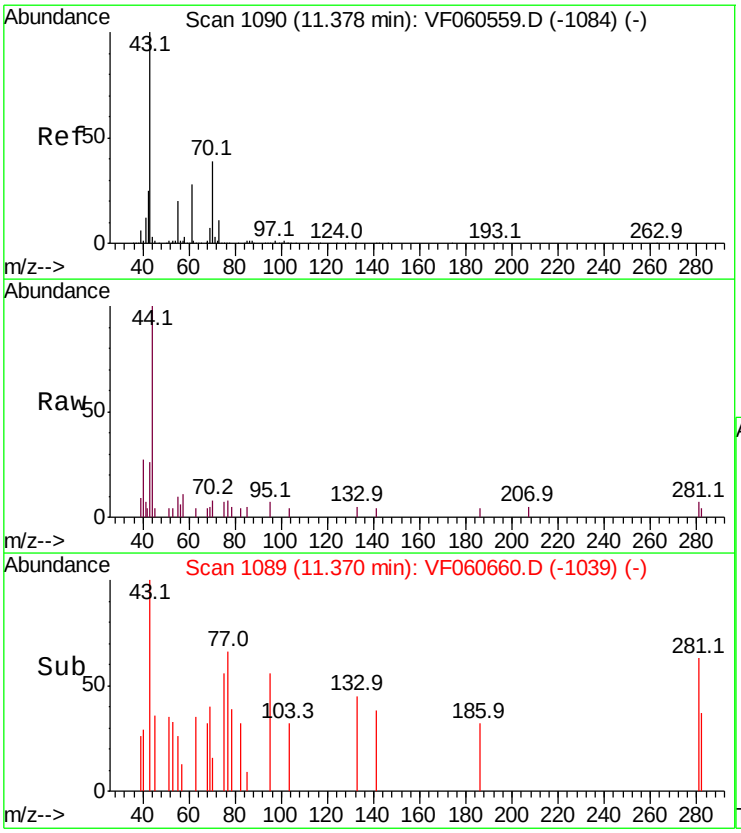
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF060660.D
Acq: 8 Nov 2018 20:11

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 201542

Ion	Ratio	Lower	Upper
152	100		
115	61.0	29.6	88.8
150	150.7	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: VF060660.D
Acq: 8 Nov 2018 20:11

Tgt Ion: 43 Resp: 556

Ion	Ratio	Lower	Upper
43	100		
70	30.3	30.9	46.3#
55	37.7	16.6	24.8#
61	0.0	22.0	33.0#