Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110818\
Data File : VF060658.D
Acq On : 8 Nov 2018 19:14
Operator : VA/AP
Sample : J5859-01
Misc : 5.65g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 09 12:34:19 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	250568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	430952	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	411125	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	240495	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	119066	47.03	ug/l	-0.02
Spiked Amount 50.000			Recovery = 94.06%			
35) Dibromofluoromethane	4.10	113	148795	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.38%			
50) Toluene-d8	7.54	98	335007	33.97	ug/l	-0.02
Spiked Amount 50.000			Recovery = 67.94%			
62) 4-Bromofluorobenzene	11.41	95	172190	39.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.96	85	443	Below Cal	#	41
6) Chloroethane	1.39	64	296	Below Cal	#	40
8) Diethyl Ether	1.62	74	1908	2.722	ug/l	81
11) Tert butyl alcohol	2.56	59	533	Below Cal	#	1
13) Acrolein	1.98	56	171	Below Cal	#	22
15) Acrylonitrile	2.94	53	1042	3.454	ug/l #	38
16) Acetone	2.24	43	17178	28.795	ug/l #	84
18) Methyl Acetate	2.36	43	1822	2.427	ug/l #	64
20) Methylene Chloride	2.18	84	5014	Below Cal		96
25) 2-Butanone	4.34	43	657	Below Cal	#	56
29) Tetrahydrofuran	4.08	42	1774	Below Cal	#	46
49) 1,4-Dioxane	6.72	88	66	3.484	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.61	63	879	Below Cal		100
59) 2-Hexanone	9.49	43	3777	Below Cal		81
74) N-amyl acetate	11.37	43	860	Below Cal	#	63
89) n-Butylbenzene	12.84	91	1032	Below Cal		94

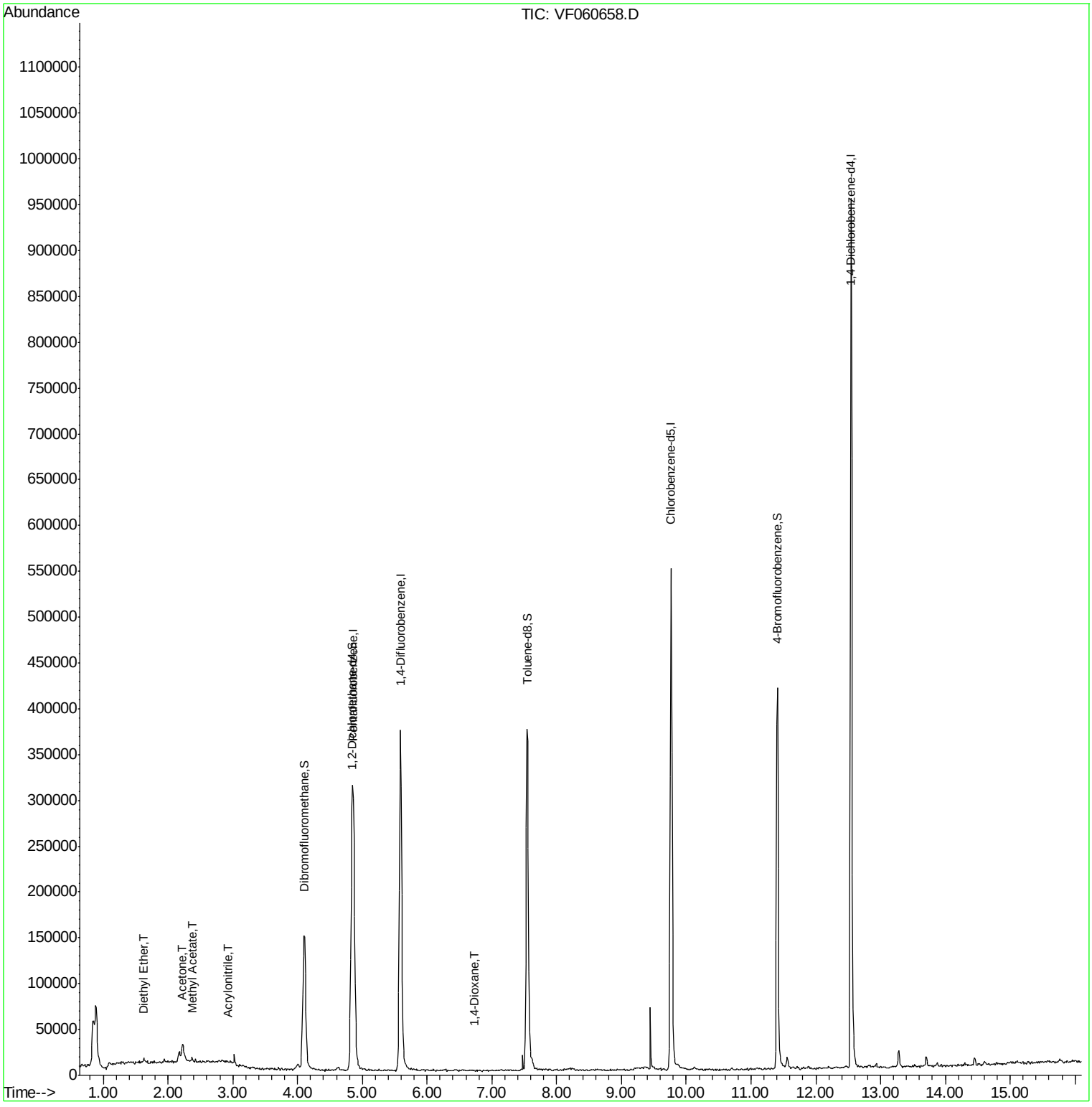
(#) = qualifier out of range (m) = manual integration (+) = signals summed

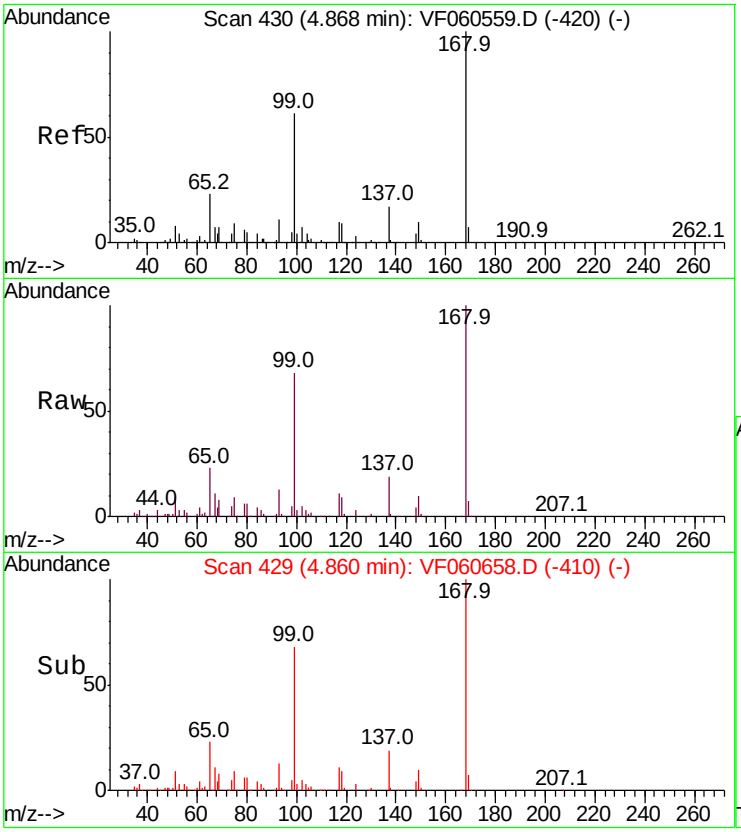
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110818\
Data File : VF060658.D
Acq On : 8 Nov 2018 19:14
Operator : VA/AP
Sample : J5859-01
Misc : 5.65g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 09 12:34:19 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



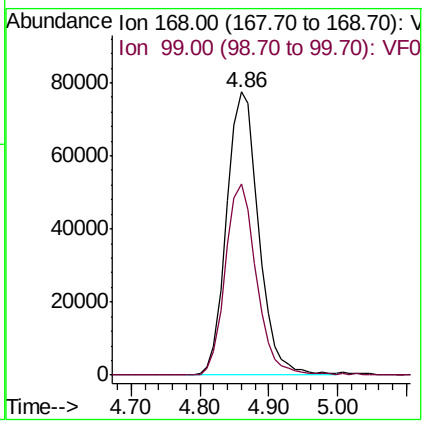


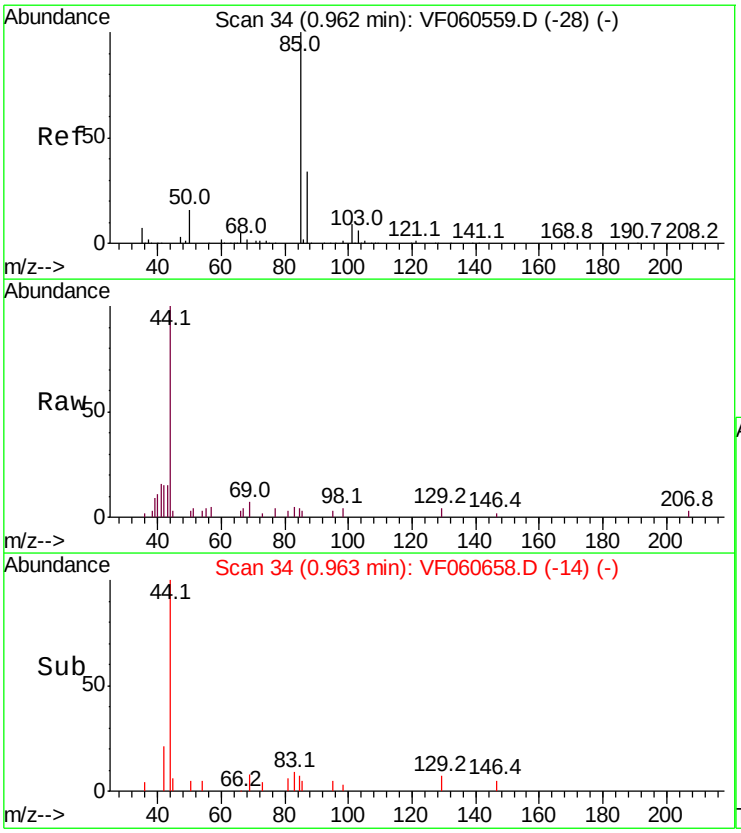
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.86 min Scan# 429
Delta R.T. -0.01 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 250568

Ion	Ratio	Lower	Upper
168	100		
99	67.6	48.6	72.8

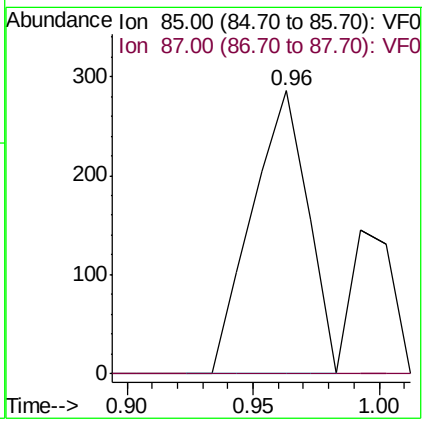


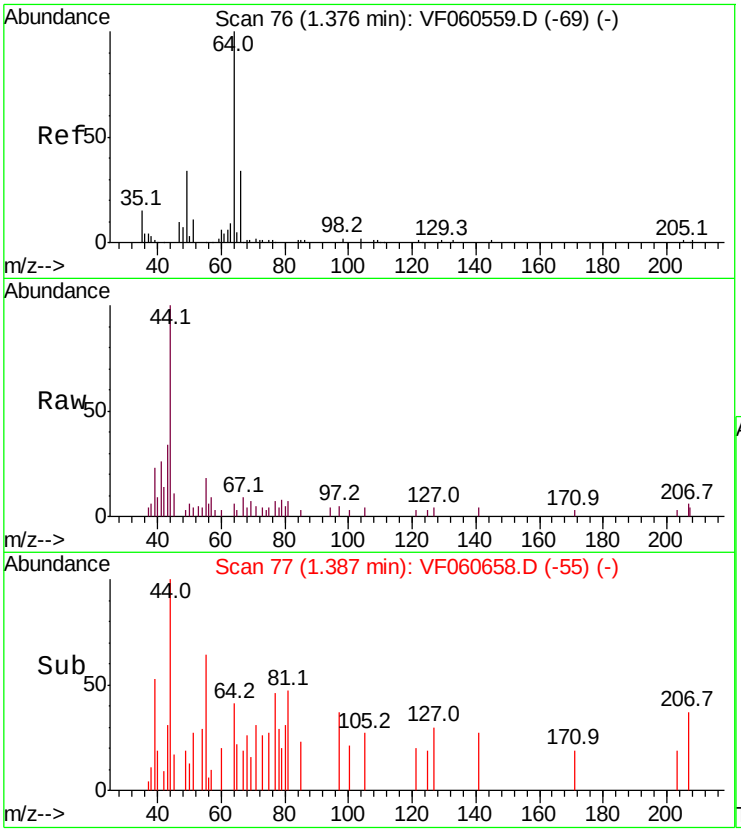


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.96 min Scan# 34
Delta R.T. 0.00 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Tgt Ion: 85 Resp: 443

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



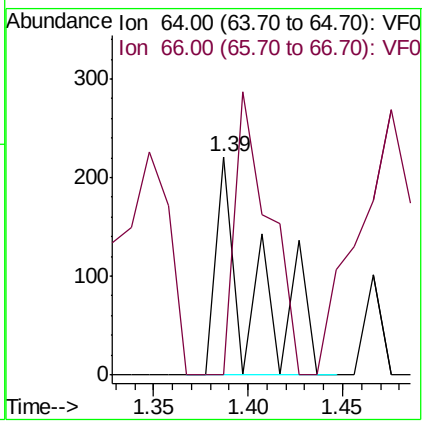


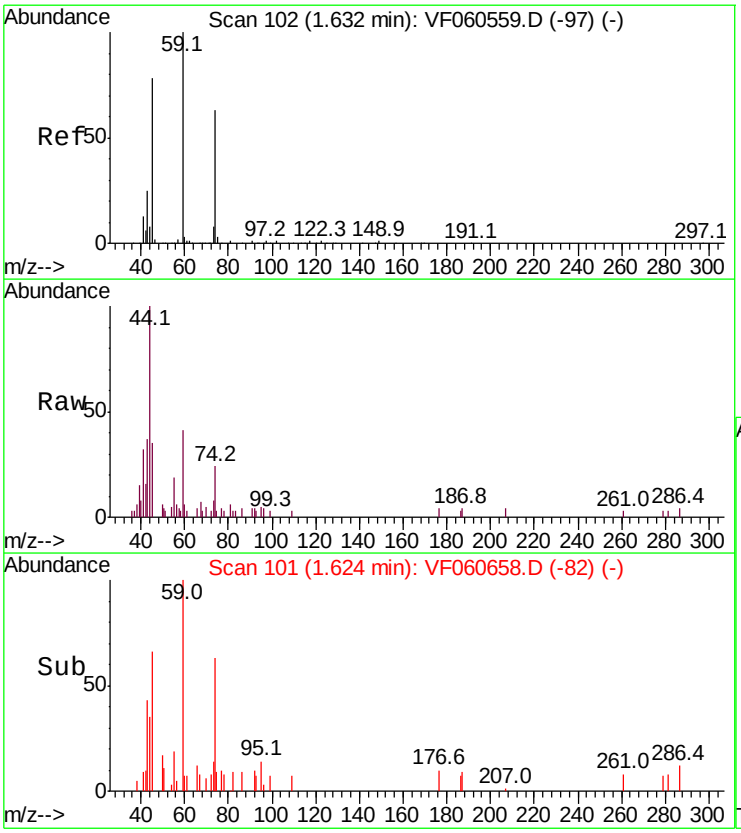
#6
Chloroethane
Concen: Below Cal
RT: 1.39 min Scan# 77
Delta R.T. 0.01 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 64 Resp: 296

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.8	41.8#

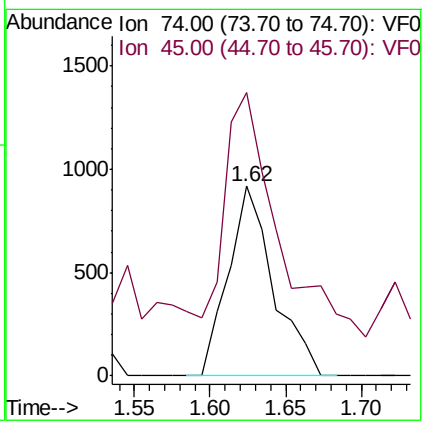


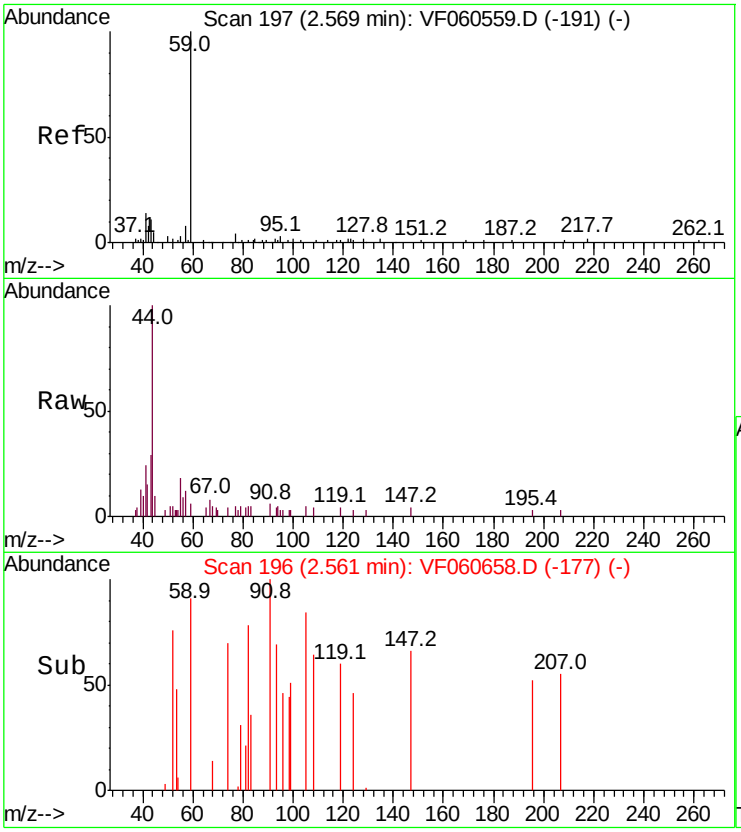


#8
Diethyl Ether
Concen: 2.722 ug/l
RT: 1.62 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Tgt Ion: 74 Resp: 1908

Ion	Ratio	Lower	Upper
74	100		
45	149.4	63.8	191.5



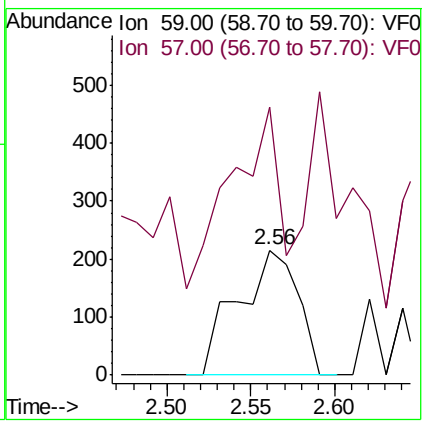


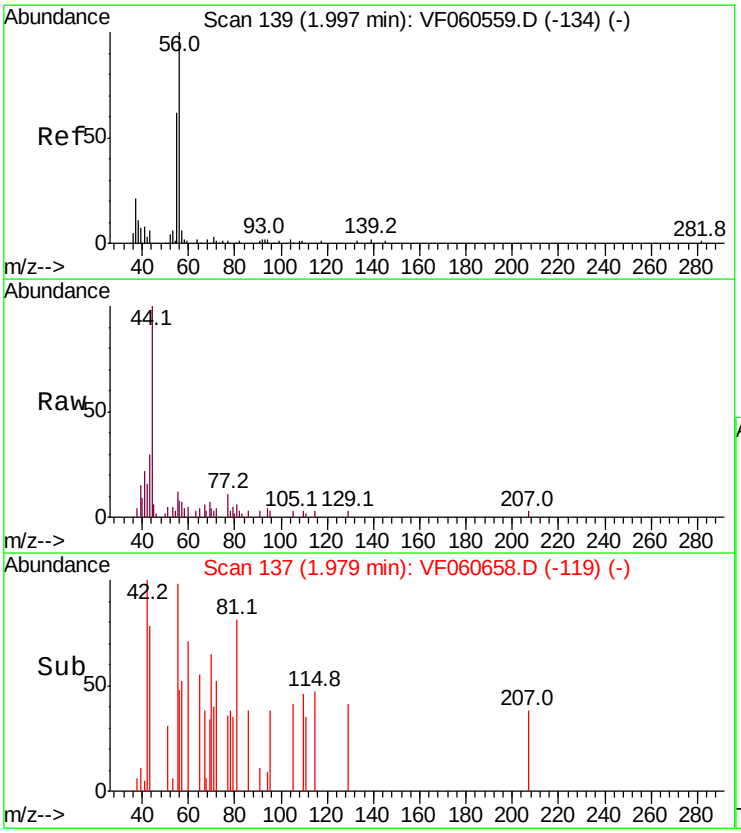
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.56 min Scan# 196
Delta R.T. -0.01 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 533

Ion	Ratio	Lower	Upper
59	100		
57	215.3	19.0	28.4#

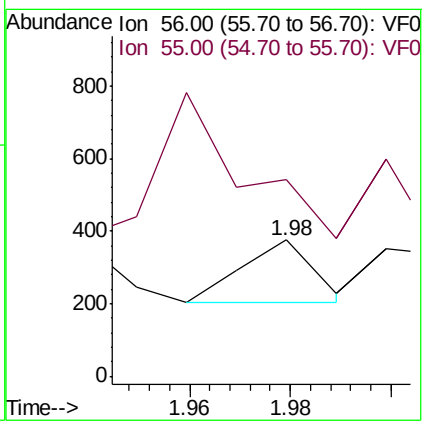


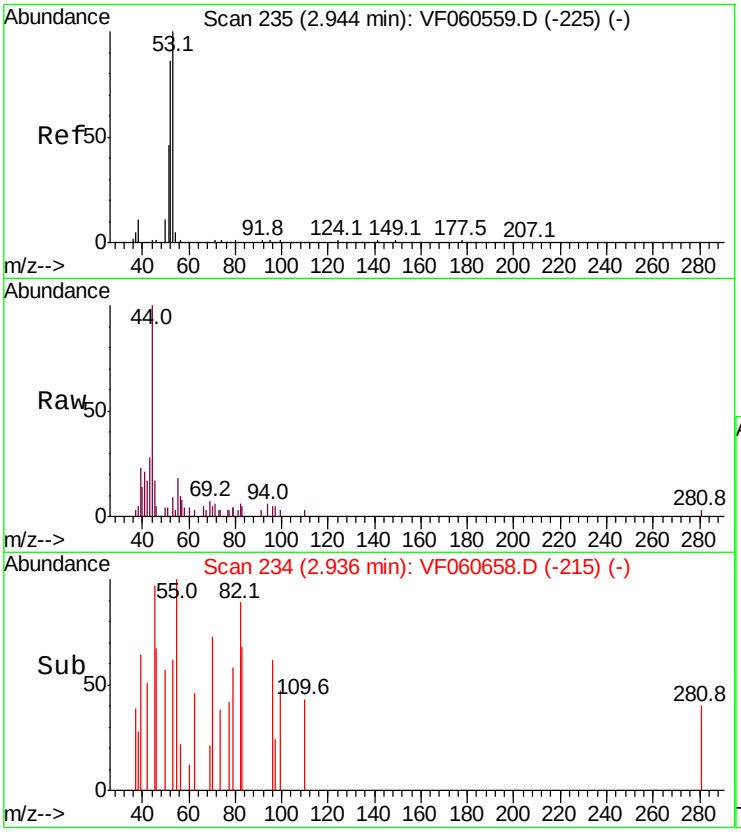


#13
Acrolein
Concen: Below Cal
RT: 1.98 min Scan# 137
Delta R.T. -0.02 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Tgt Ion: 56 Resp: 171

Ion	Ratio	Lower	Upper
56	100		
55	144.8	61.8	92.6#



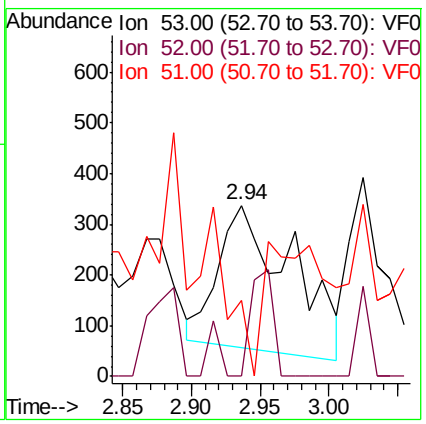


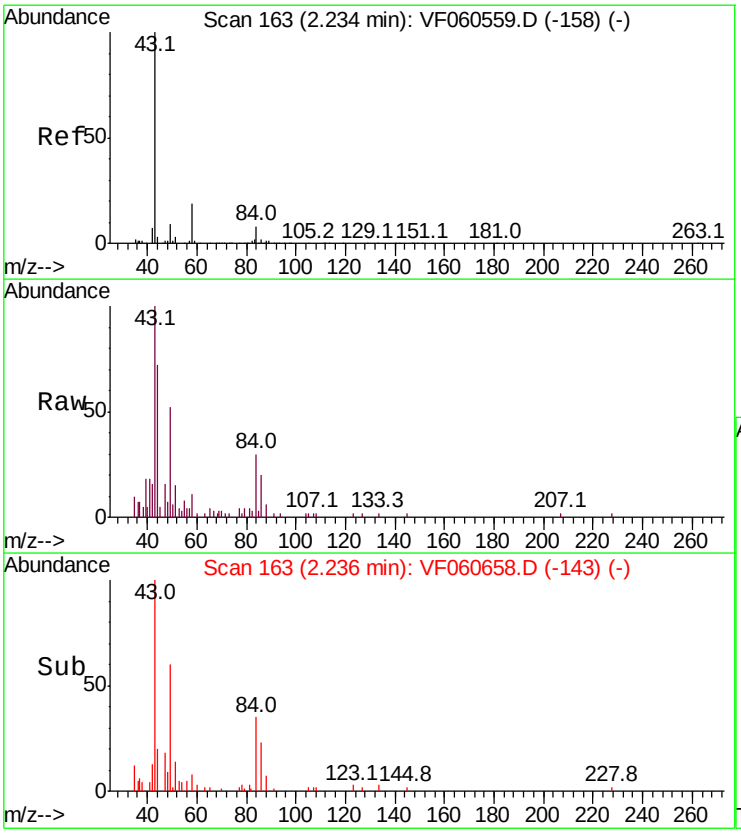
#15
Acrylonitrile
Concen: 3.454 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.01 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 1042

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.5	102.7#
51	44.8	38.2	57.2

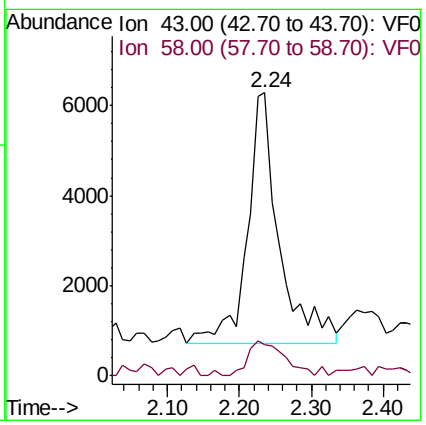


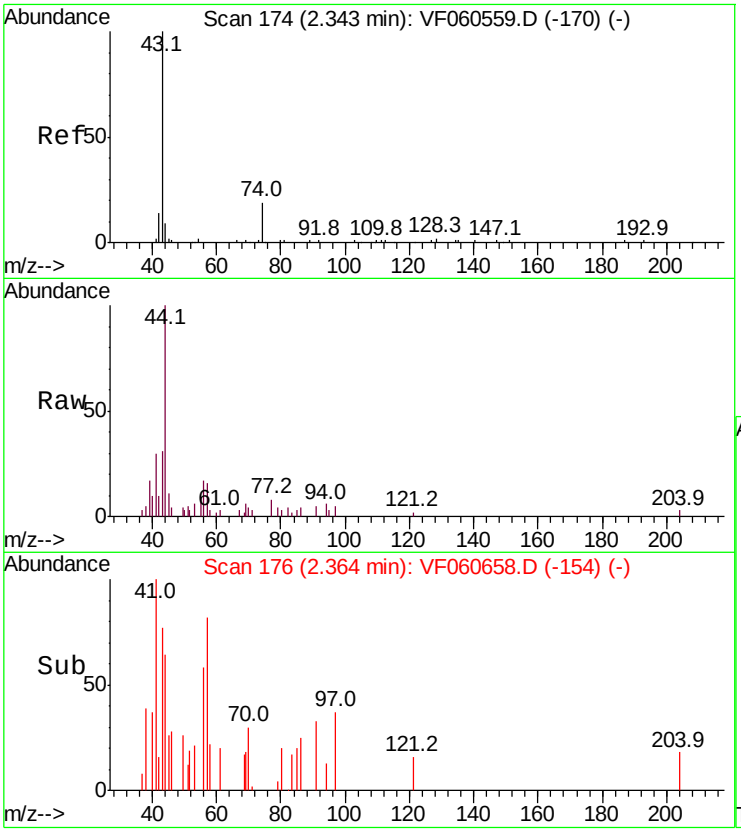


#16
Acetone
Concen: 28.795 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.00 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Tgt Ion: 43 Resp: 17178

Ion	Ratio	Lower	Upper
43	100		
58	11.1	14.6	22.0#



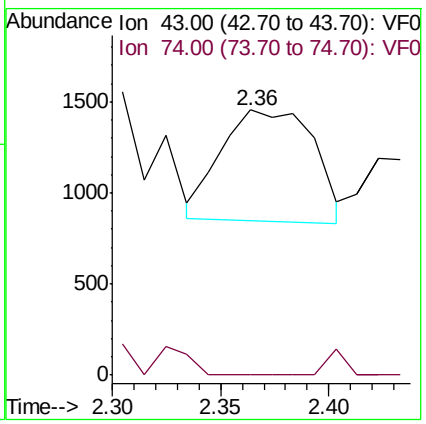


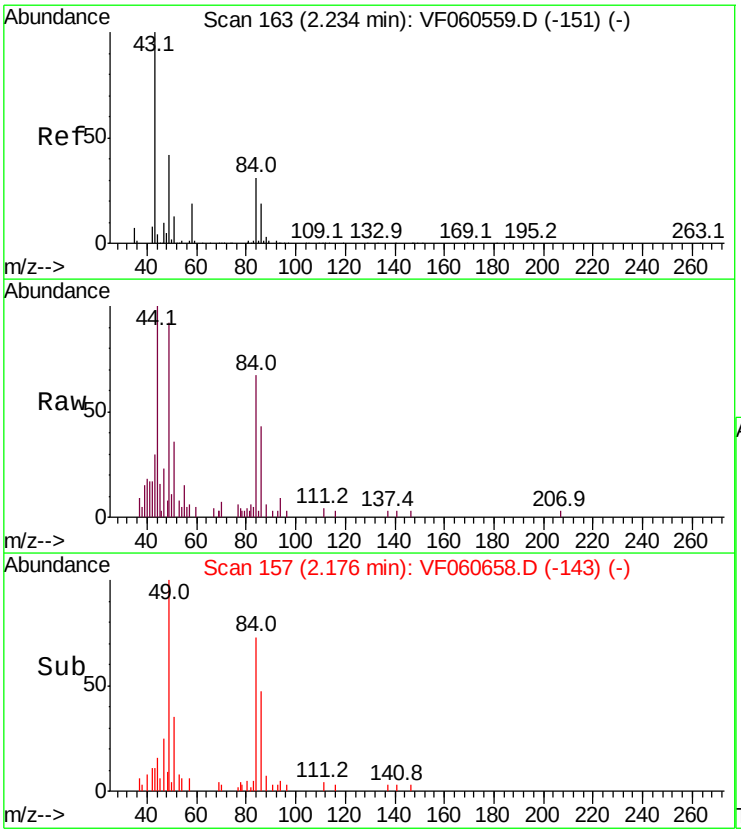
#18
Methyl Acetate
Concen: 2.427 ug/l
RT: 2.36 min Scan# 176
Delta R.T. 0.02 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 1822

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#

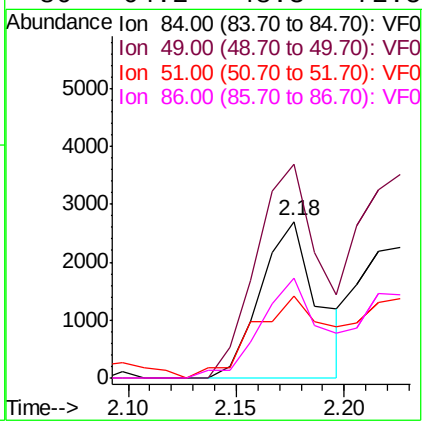


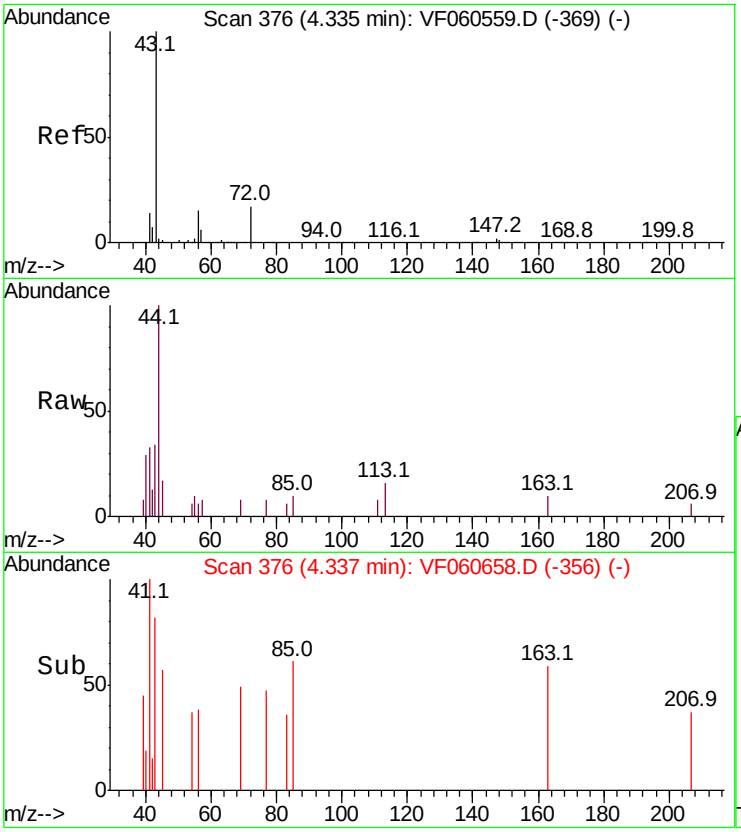


#20
Methylene Chloride
Concen: Below Cal
RT: 2.18 min Scan# 157
Delta R.T. -0.06 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Tgt Ion: 84 Resp: 5014

Ion	Ratio	Lower	Upper
84	100		
49	136.5	109.9	164.9
51	52.7	35.8	53.8
86	64.2	48.3	72.5



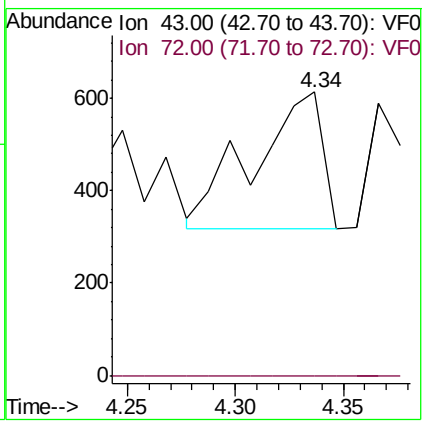


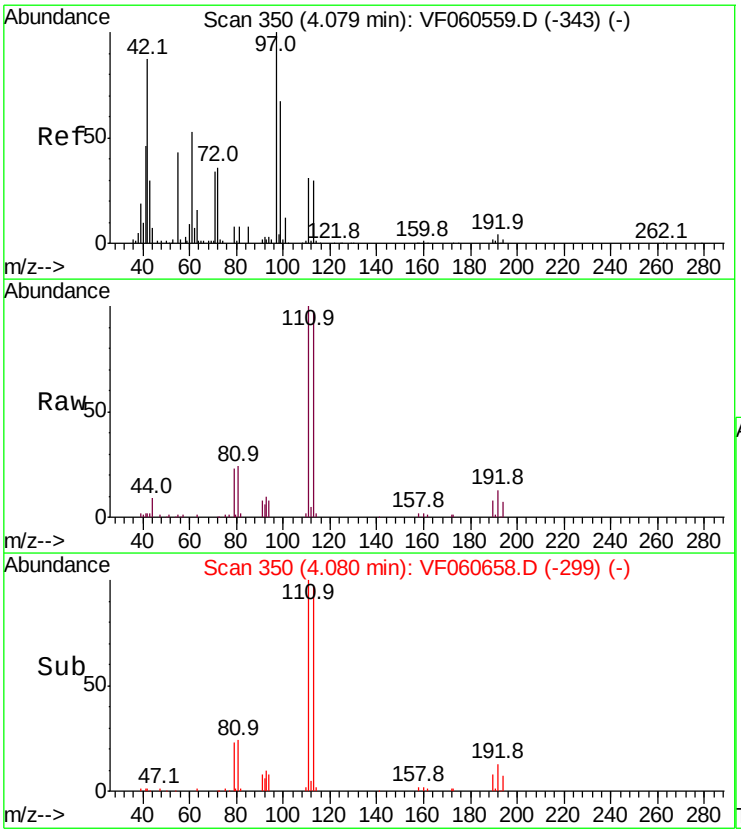
#25
2-Butanone
Concen: Below Cal
RT: 4.34 min Scan# 376
Delta R.T. 0.00 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 657

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.2#

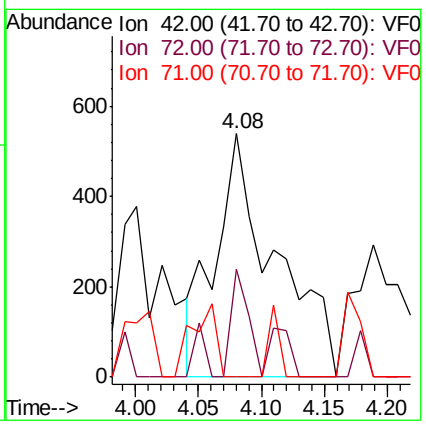


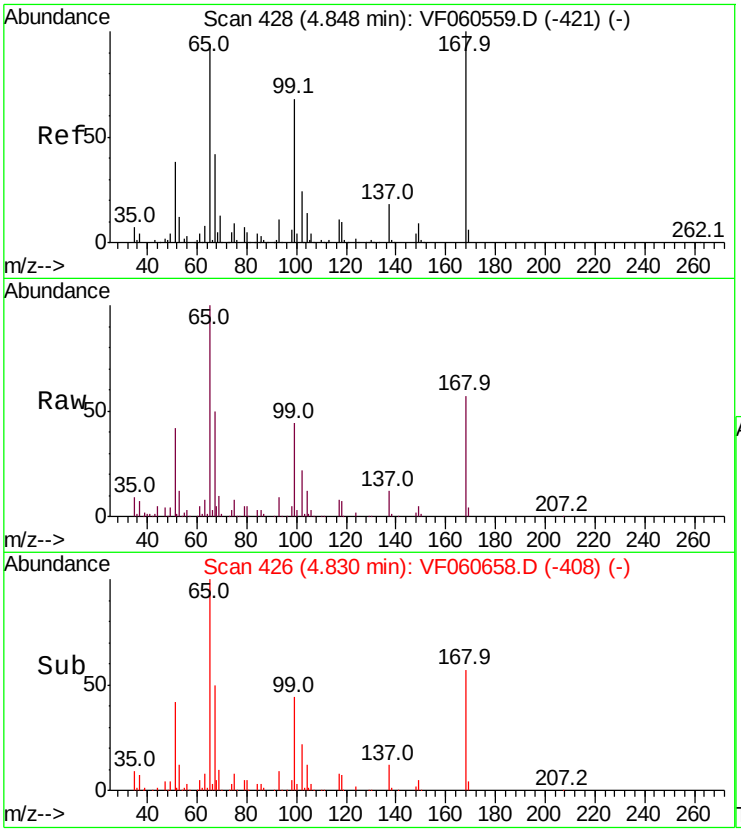


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.08 min Scan# 350
Delta R.T. 0.00 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Tgt Ion: 42 Resp: 1774

Ion	Ratio	Lower	Upper
42	100		
72	12.5	31.4	47.0#
71	0.0	31.8	47.6#



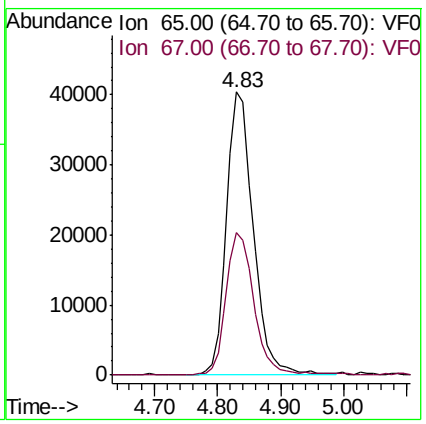


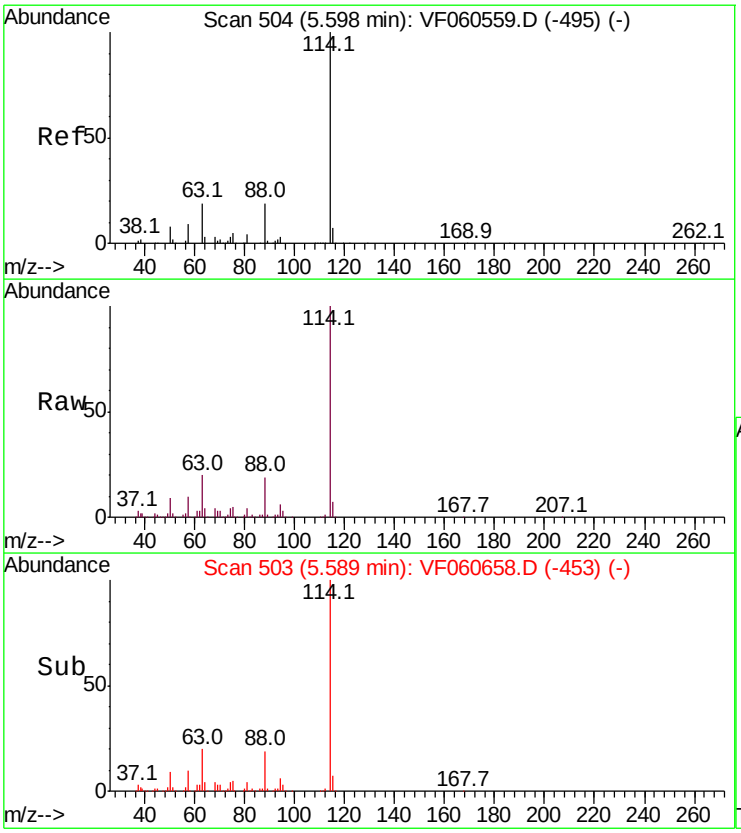
#33
1,2-Dichloroethane-d4
Concen: 47.031 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 119066

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	101.8

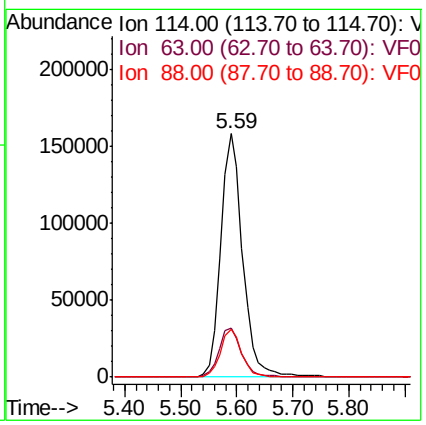


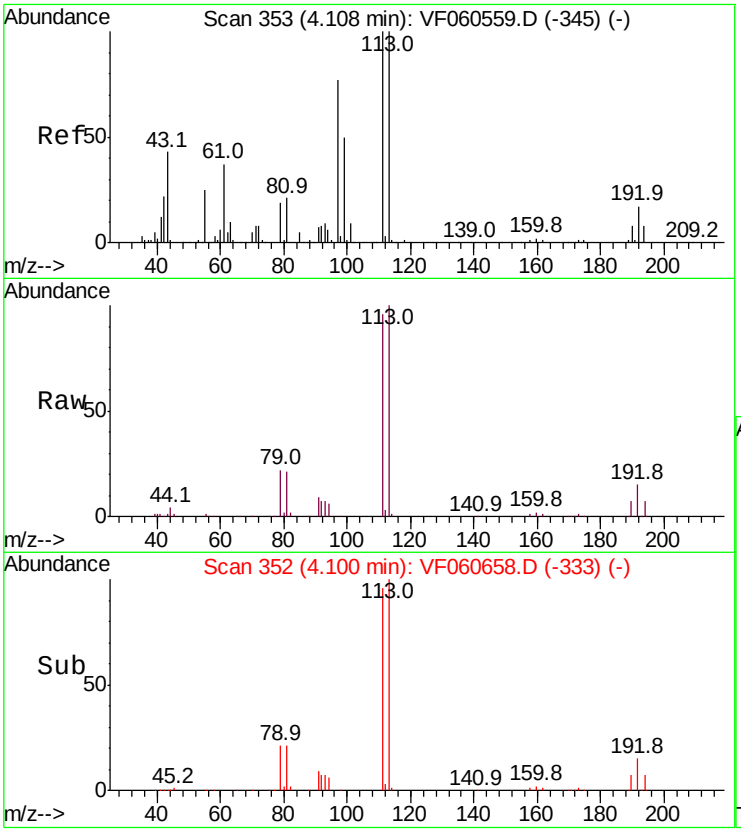


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.01 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Tgt Ion:114 Resp: 430952

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.0
88	19.5	0.0	38.2



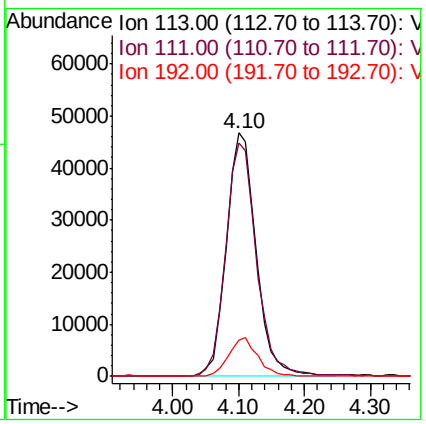


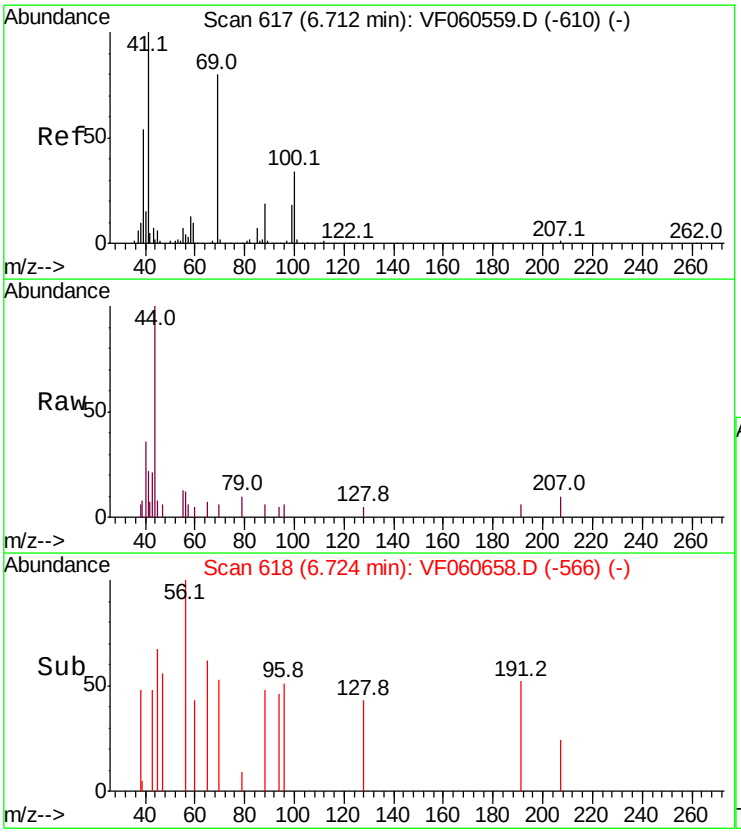
#35
Dibromofluoromethane
Concen: 44.690 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 148795

Ion	Ratio	Lower	Upper
113	100		
111	96.0	79.9	119.9
192	15.5	13.3	19.9

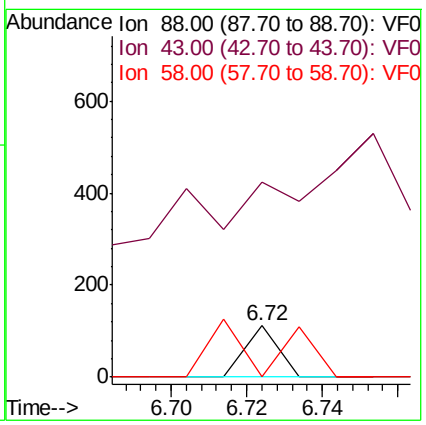


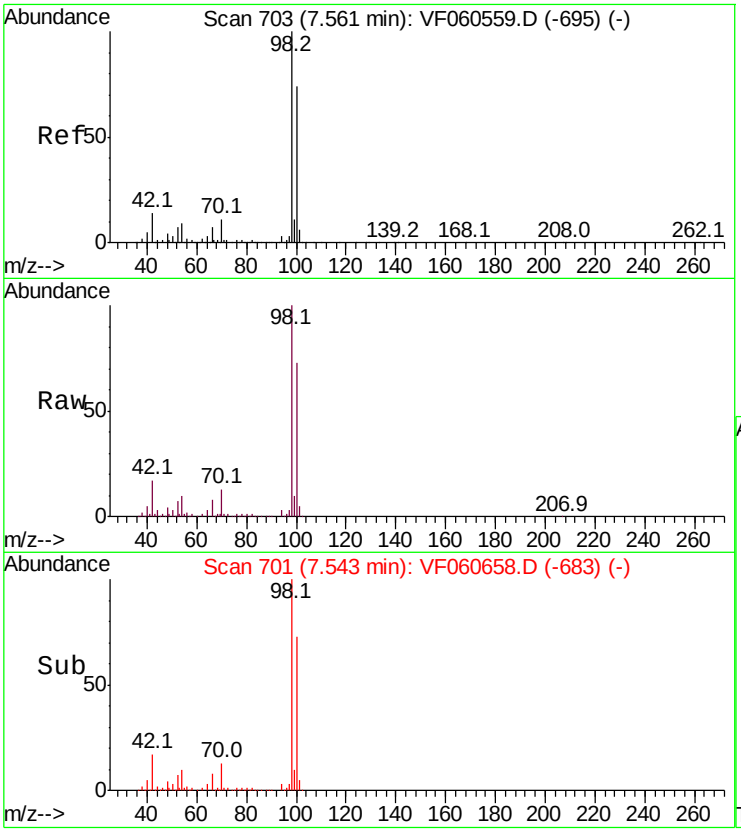


#49
1,4-Dioxane
Concen: 3.484 ug/l
RT: 6.72 min Scan# 618
Delta R.T. 0.01 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Tgt Ion: 88 Resp: 66

Ion	Ratio	Lower	Upper
88	100		
43	381.1	61.2	91.8#
58	0.0	56.9	85.3#



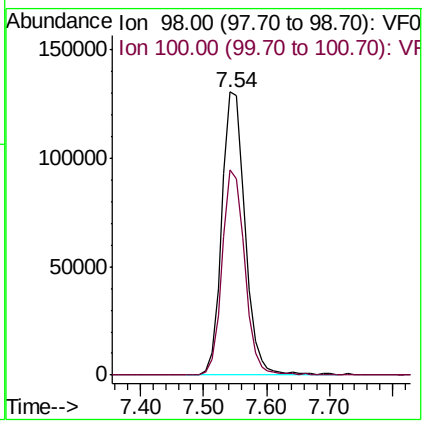


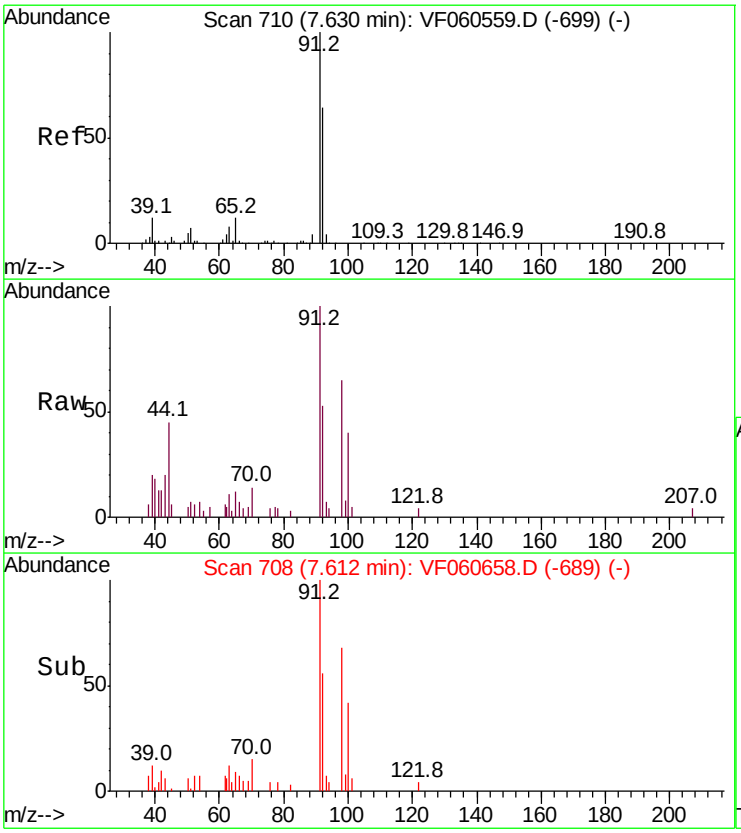
#50
Toluene-d8
Concen: 33.966 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 98 Resp: 335007

Ion	Ratio	Lower	Upper
98	100		
100	72.6	59.4	89.2

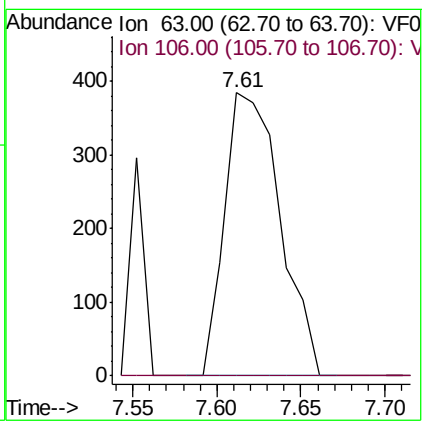


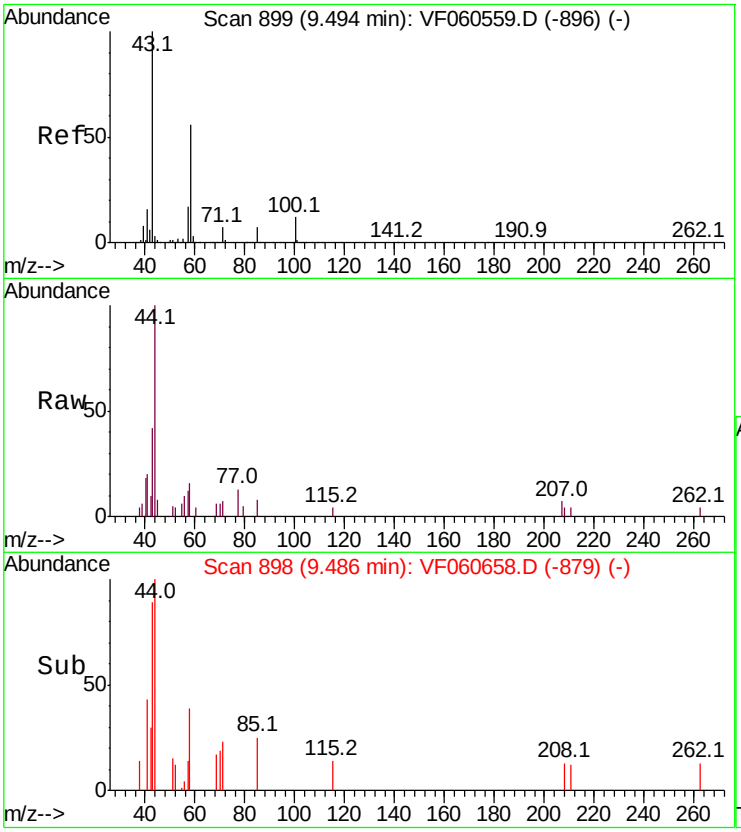


#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.61 min Scan# 708
Delta R.T. -0.02 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Tgt Ion: 63 Resp: 879

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0



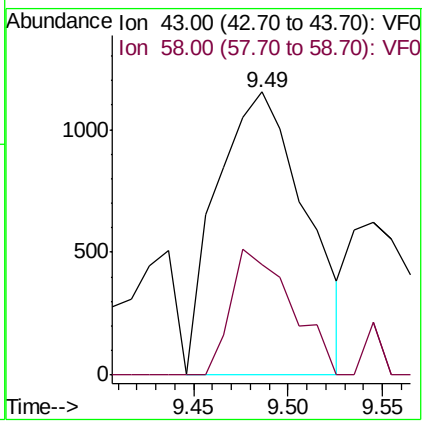


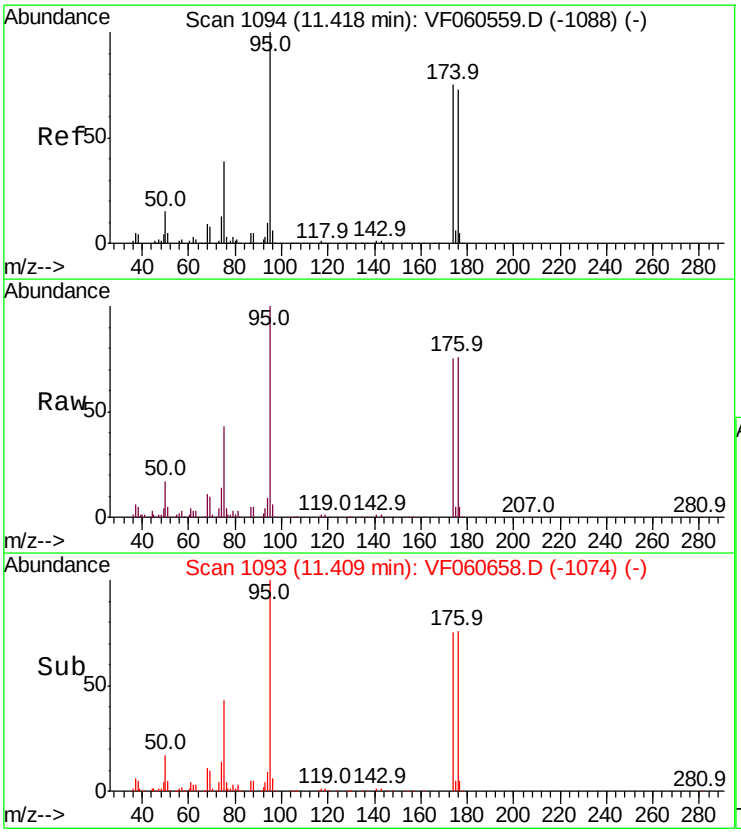
#59
2-Hexanone
Concen: Below Cal
RT: 9.49 min Scan# 898
Delta R.T. -0.01 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 3777

Ion	Ratio	Lower	Upper
43	100		
58	39.1	26.1	78.3

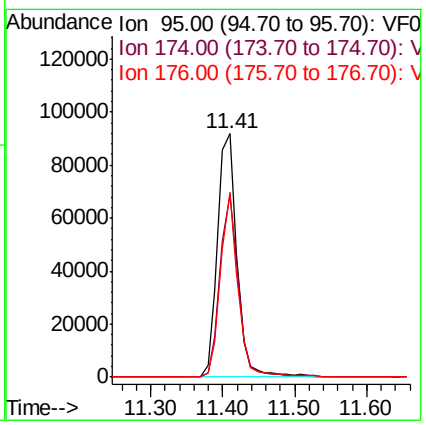


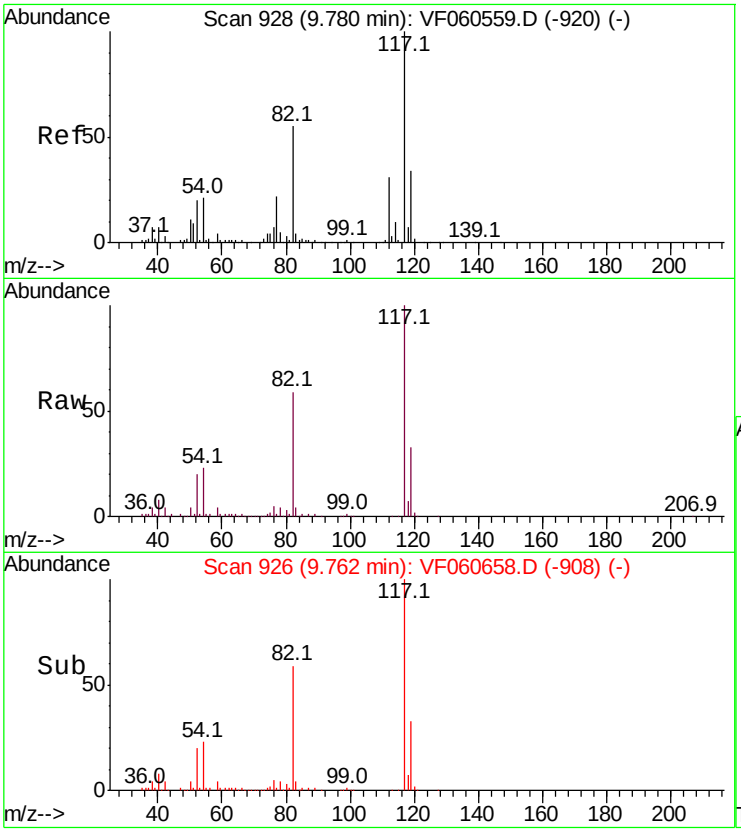


#62
4-Bromofluorobenzene
Concen: 39.912 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Tgt Ion: 95 Resp: 172190

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	149.0
176	75.7	0.0	145.6



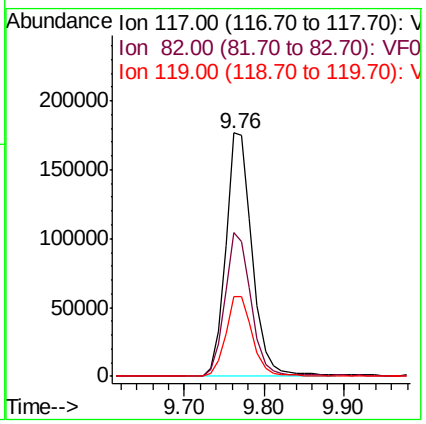


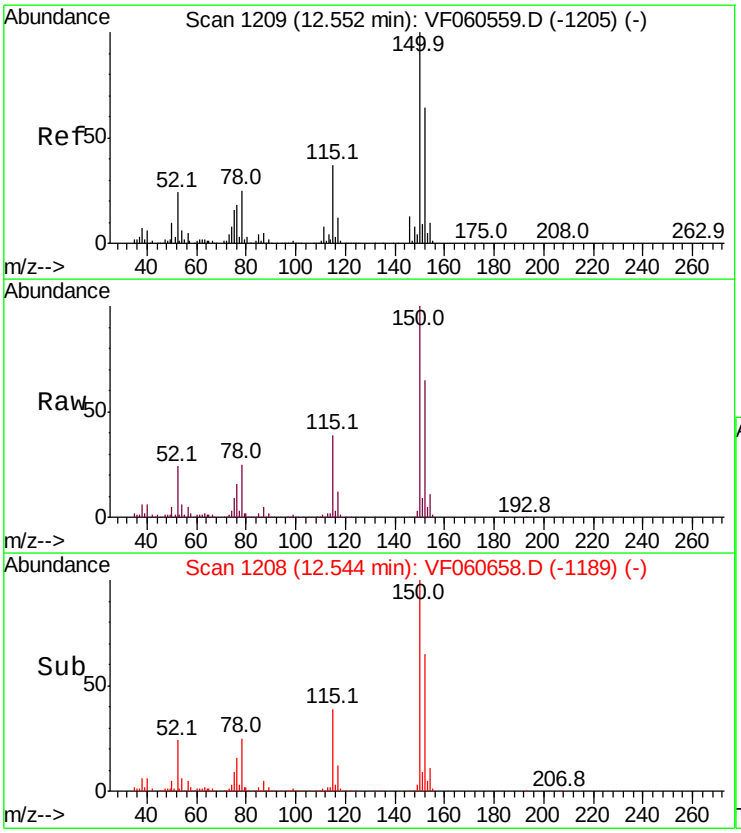
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:117 Resp: 411125

Ion	Ratio	Lower	Upper
117	100		
82	59.0	43.9	65.9
119	33.0	27.4	41.0

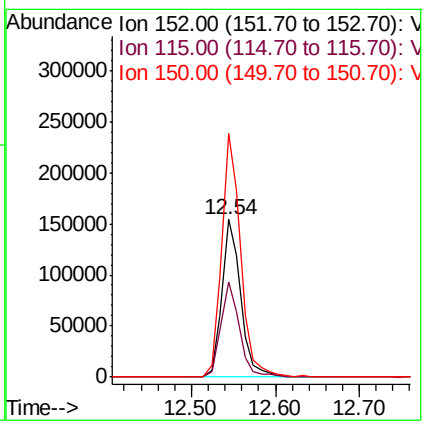


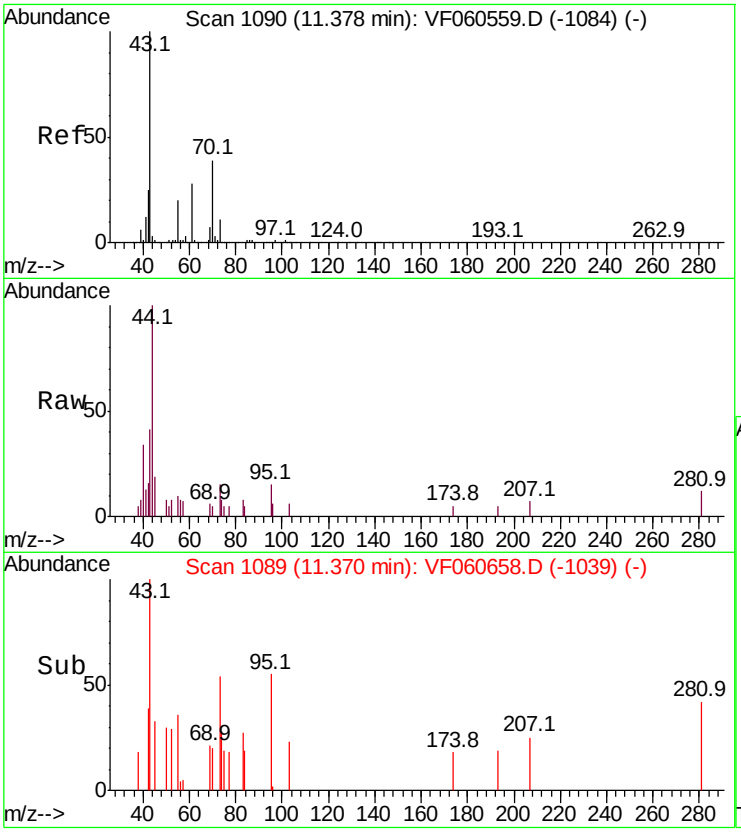


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF060658.D
Acq: 8 Nov 2018 19:14

Tgt Ion:152 Resp: 240495

Ion	Ratio	Lower	Upper
152	100		
115	60.1	29.6	88.8
150	154.5	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: VF060658.D
Acq: 8 Nov 2018 19:14

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 860

Ion	Ratio	Lower	Upper
43	100		
70	13.3	30.9	46.3#
55	24.5	16.6	24.8
61	0.0	22.0	33.0#