Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110718\
Data File : VF060631.D
Acq On : 7 Nov 2018 16:16
Operator : VA/AP
Sample : J5819-07
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 07 15:38:16 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	160285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	216449	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	116973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	25345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	39947	24.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 49.34%			
35) Dibromofluoromethane	4.12	113	60601	36.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.48%			
50) Toluene-d8	7.56	98	194269	39.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.44%			
62) 4-Bromofluorobenzene	11.41	95	39083	18.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 36.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.98	85	233	Below Cal	#	41
6) Chloroethane	1.30	64	234	Below Cal	#	32
11) Tert butyl alcohol	2.57	59	518	Below Cal	#	1
13) Acrolein	2.01	56	648	Below Cal	#	27
15) Acrylonitrile	2.98	53	423	2.192	ug/l #	35
16) Acetone	2.24	43	20278	53.138	ug/l #	91
17) Carbon Disulfide	1.78	76	5412	1.650	ug/l	99
18) Methyl Acetate	2.38	43	4008	7.176	ug/l #	64
25) 2-Butanone	4.34	43	13165	Below Cal	#	87
29) Tetrahydrofuran	4.09	42	182	Below Cal	#	49
48) Methyl methacrylate	6.70	41	3163	3.478	ug/l	86
49) 1,4-Dioxane	6.58	88	60	6.306	ug/l #	1
51) 4-Methyl-2-Pentanone	8.28	43	5354	5.502	ug/l #	46
56) Ethyl methacrylate	8.62	69	47917	33.963	ug/l #	70
58) 2-Chloroethyl Vinyl ether	7.65	63	151	Below Cal		100
59) 2-Hexanone	9.51	43	3297	Below Cal	#	45
75) 1,1,2,2-Tetrachloroethane	11.68	83	1360	3.770	ug/l #	61

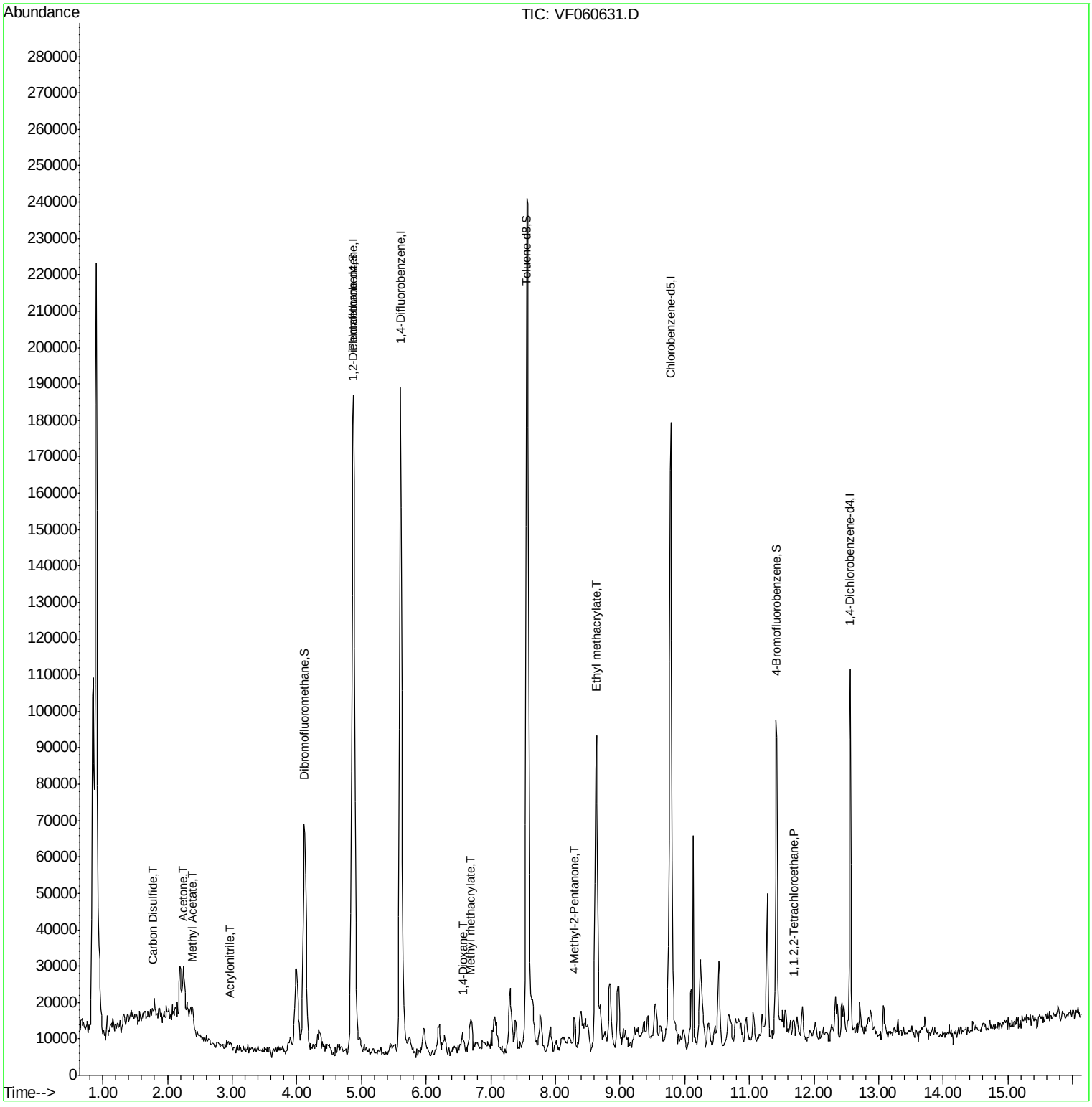
(#) = qualifier out of range (m) = manual integration (+) = signals summed

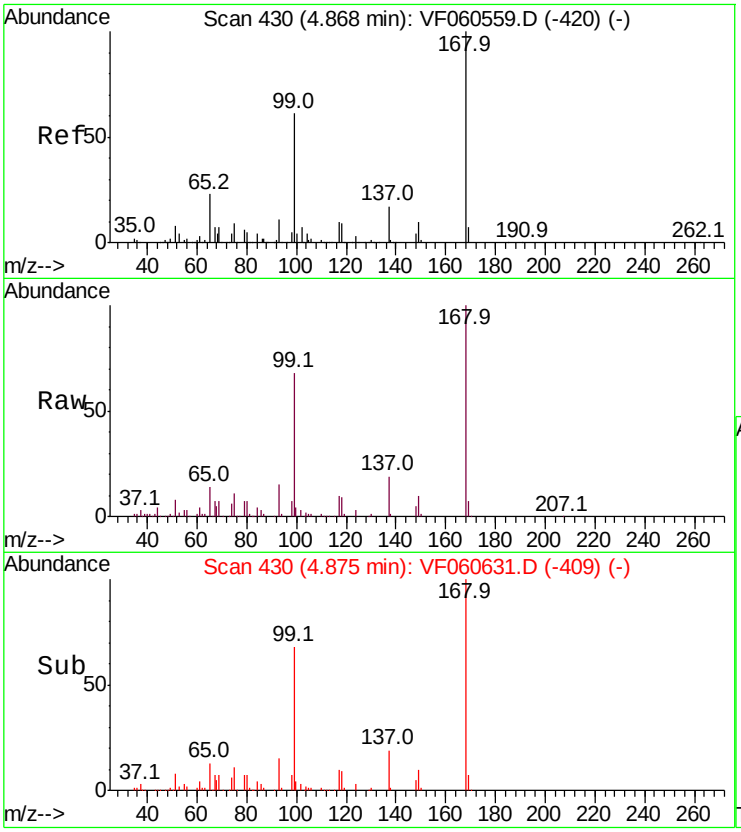
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110718\
Data File : VF060631.D
Acq On : 7 Nov 2018 16:16
Operator : VA/AP
Sample : J5819-07
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 07 15:38:16 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



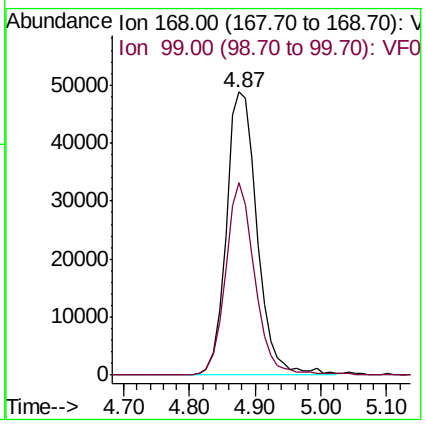


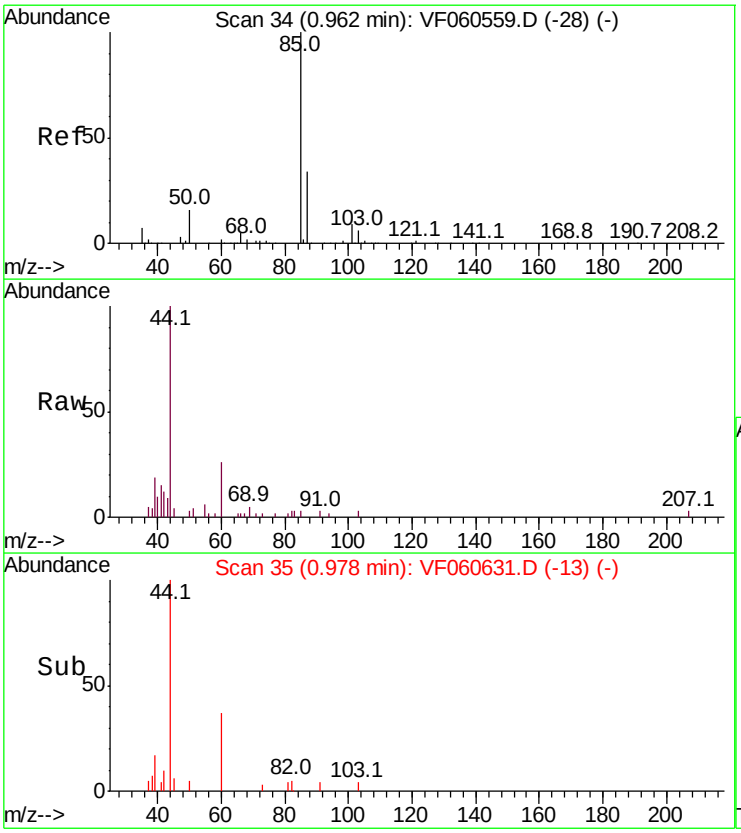
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.01 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 160285

Ion	Ratio	Lower	Upper
168	100		
99	67.8	48.6	72.8

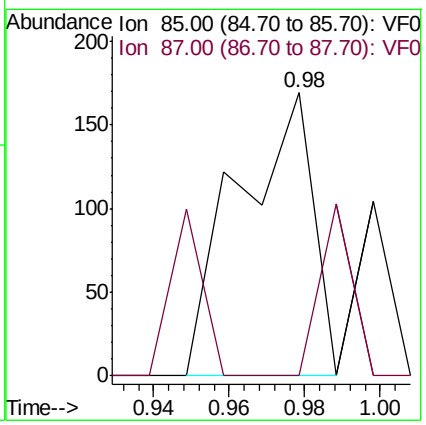


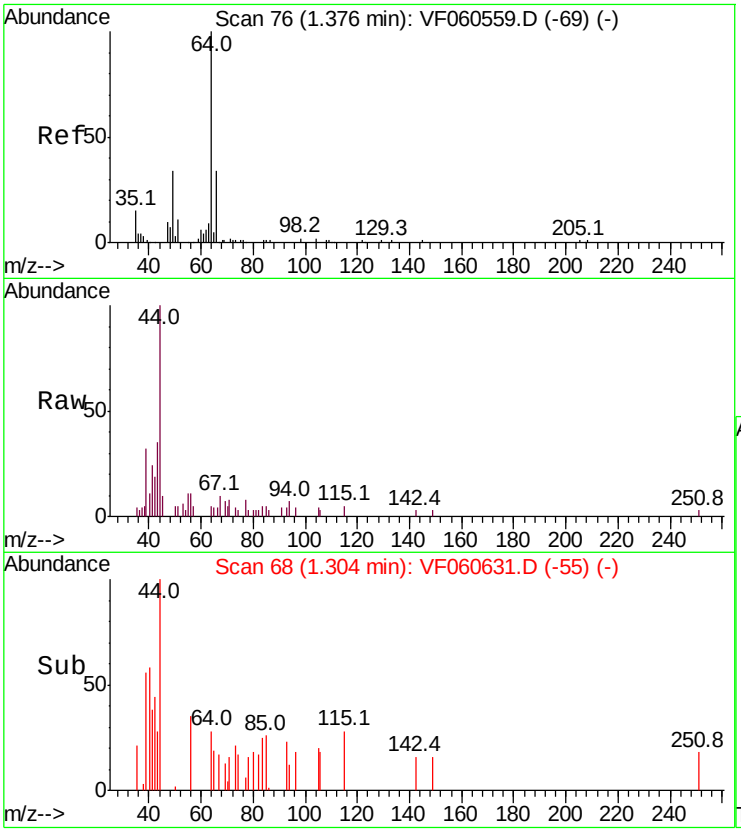


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.98 min Scan# 35
Delta R.T. 0.02 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Tgt Ion: 85 Resp: 233

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



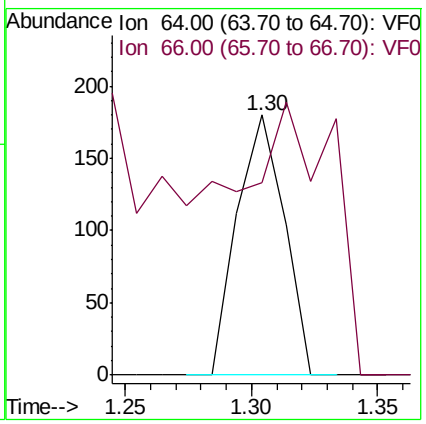


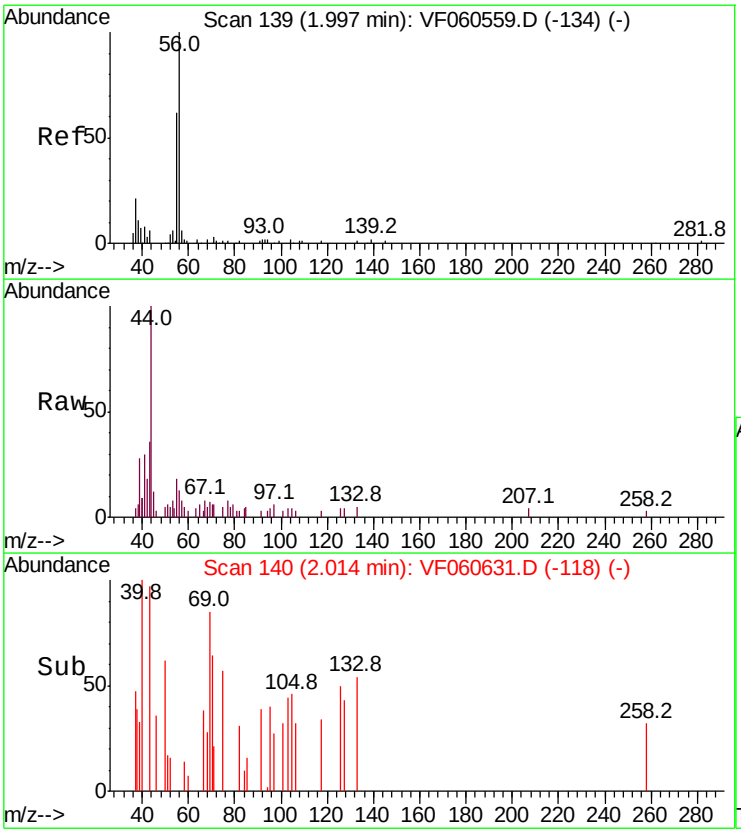
#6
Chloroethane
Concen: Below Cal
RT: 1.30 min Scan# 68
Delta R.T. -0.07 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 64 Resp: 234

Ion	Ratio	Lower	Upper
64	100		
66	73.9	27.8	41.8#

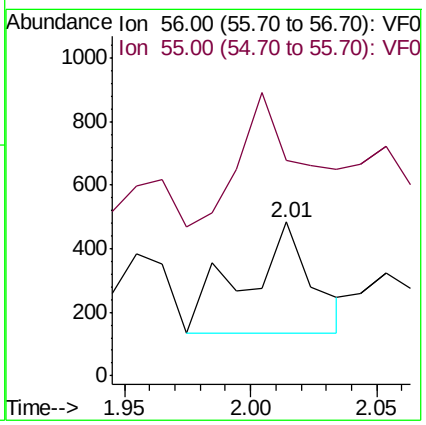


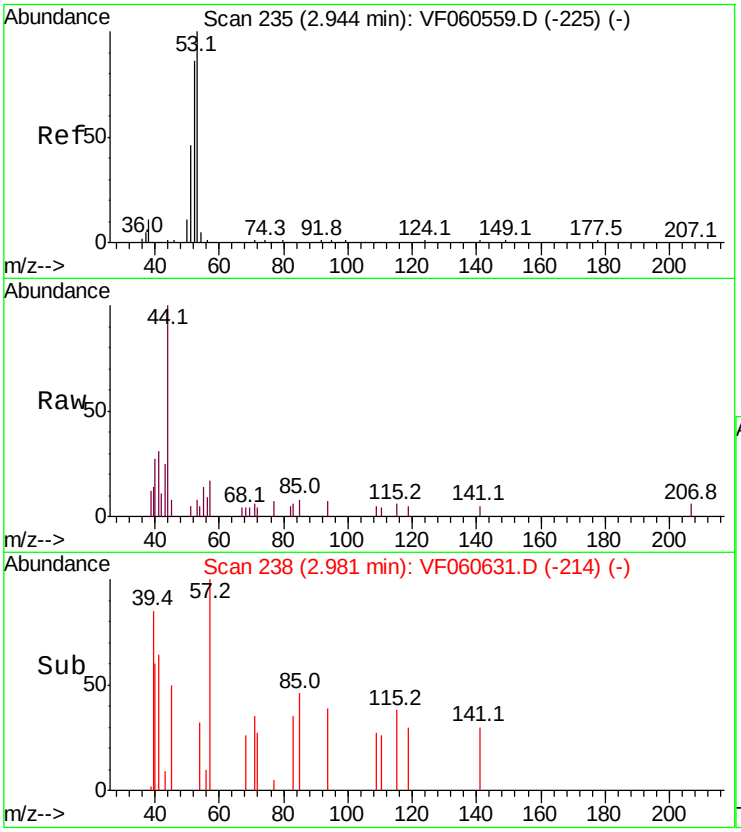


#13
Acrolein
Concen: Below Cal
RT: 2.01 min Scan# 140
Delta R.T. 0.02 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Tgt Ion: 56 Resp: 648

Ion	Ratio	Lower	Upper
56	100		
55	140.4	61.8	92.6#



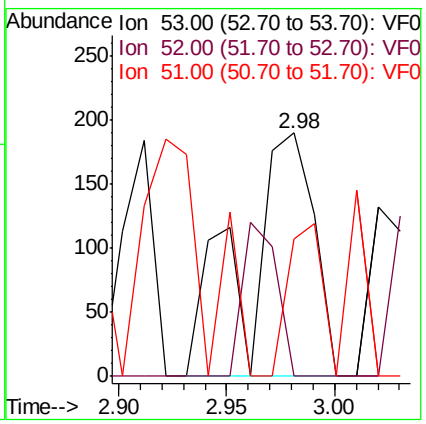


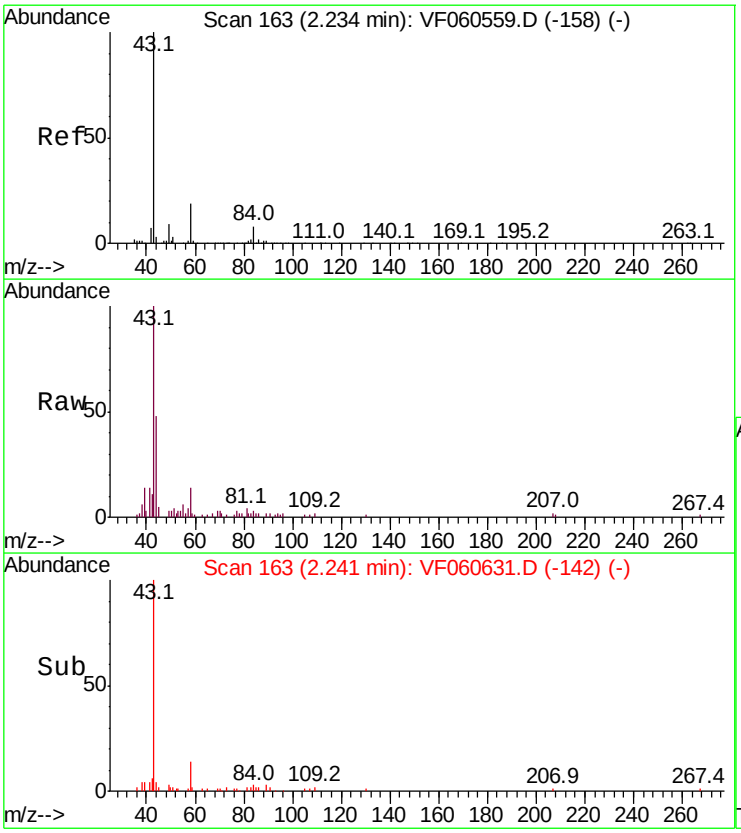
#15
Acrylonitrile
Concen: 2.192 ug/l
RT: 2.98 min Scan# 238
Delta R.T. 0.04 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 423

Ion	Ratio	Lower	Upper
53	100		
52	0.0	68.5	102.7#
51	56.3	38.2	57.2

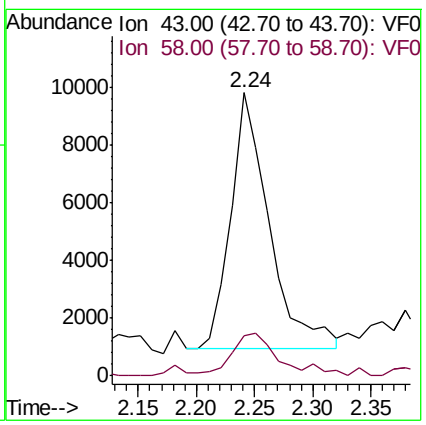


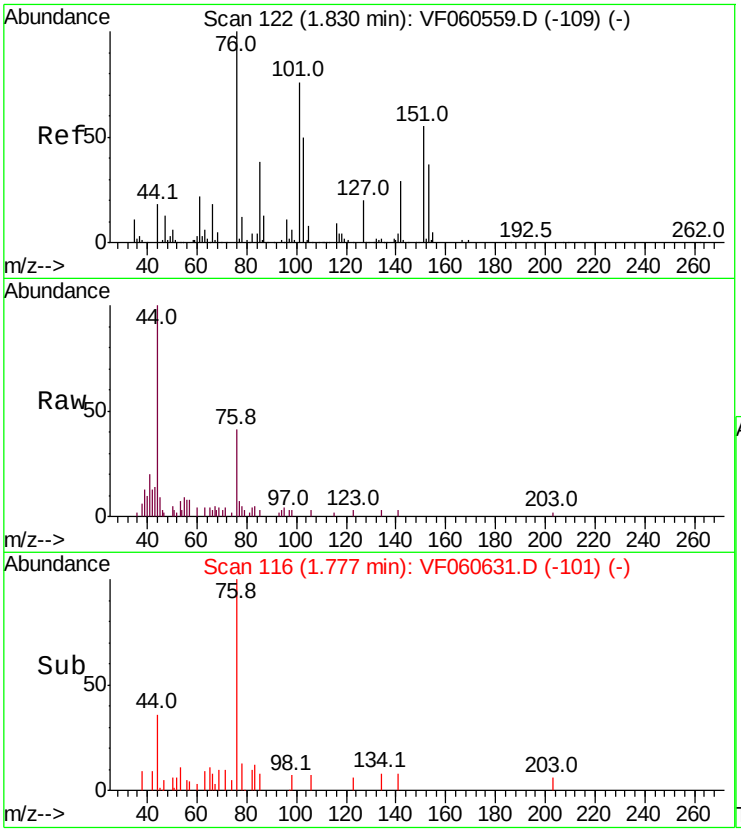


#16
Acetone
Concen: 53.138 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Tgt Ion: 43 Resp: 20278

Ion	Ratio	Lower	Upper
43	100		
58	14.3	14.6	22.0#



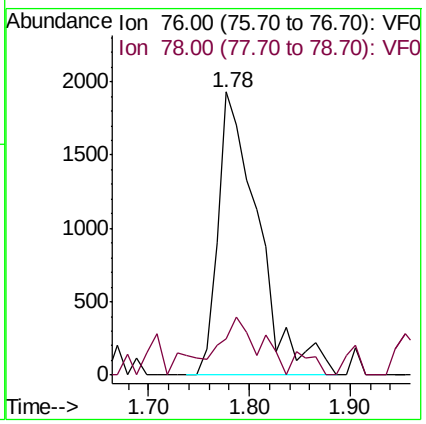


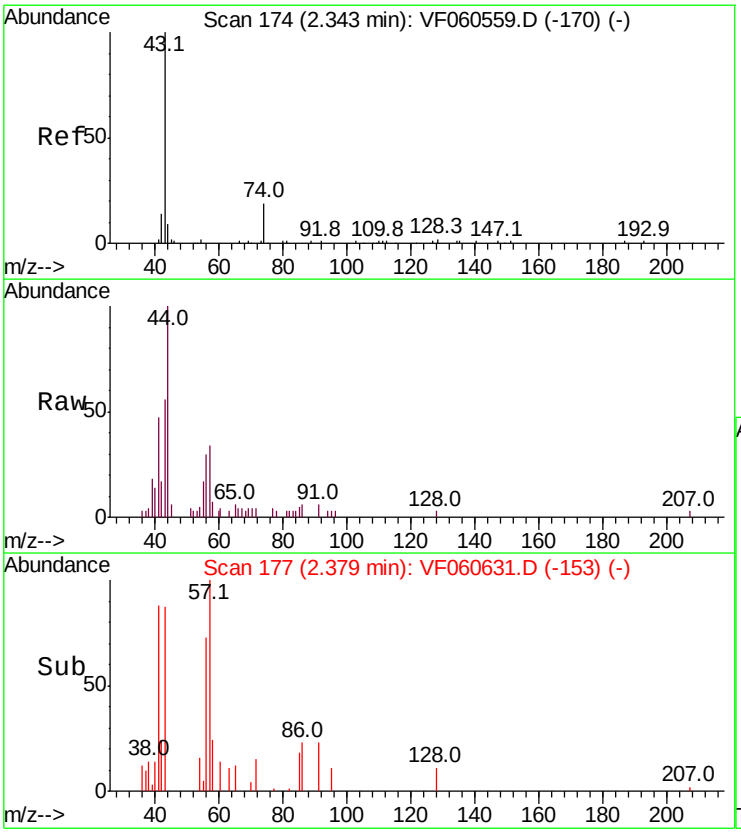
#17
Carbon Disulfide
Concen: 1.650 ug/l
RT: 1.78 min Scan# 116
Delta R.T. -0.05 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 76 Resp: 5412

Ion	Ratio	Lower	Upper
76	100		
78	13.0	9.9	14.9

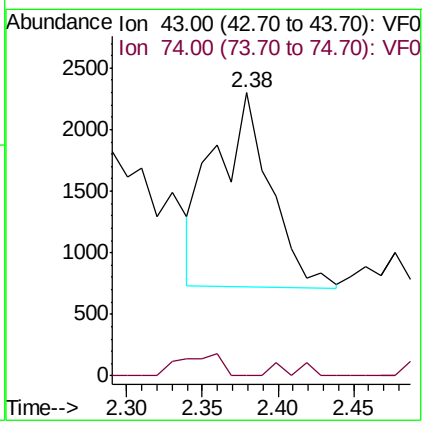


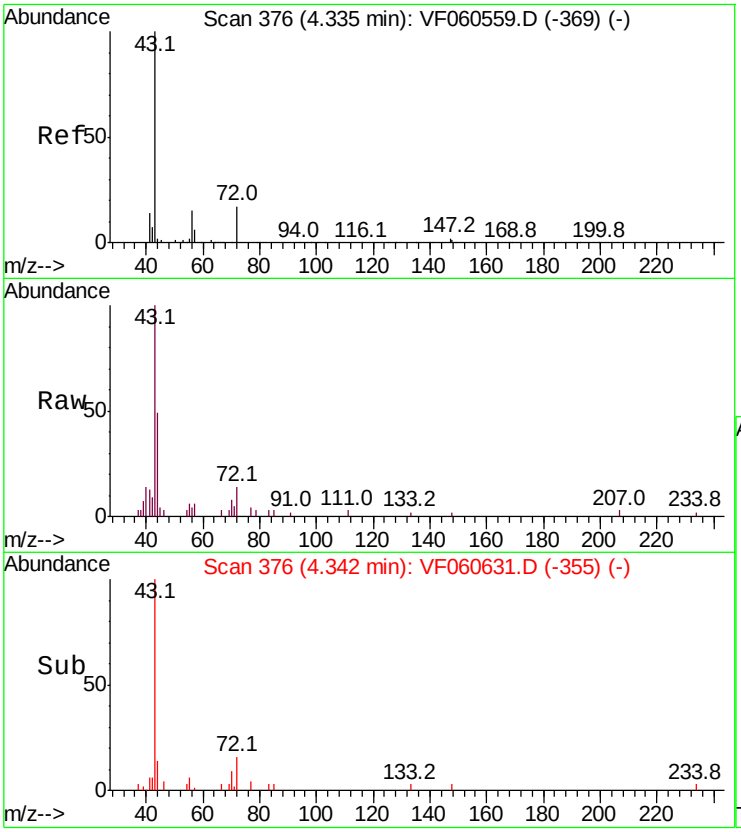


#18
Methyl Acetate
Concen: 7.176 ug/l
RT: 2.38 min Scan# 177
Delta R.T. 0.04 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Tgt Ion: 43 Resp: 4008

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.1	18.1#



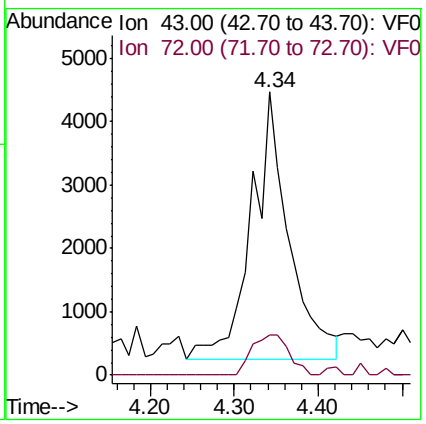


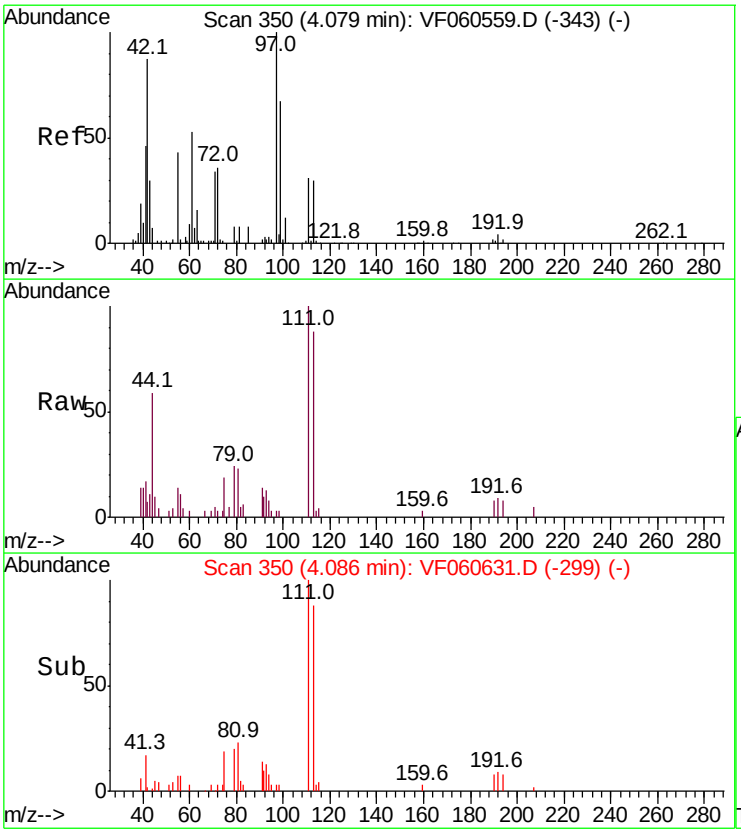
#25
2-Butanone
Concen: Below Cal
RT: 4.34 min Scan# 376
Delta R.T. 0.01 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 13165

Ion	Ratio	Lower	Upper
43	100		
72	14.1	16.2	24.2#

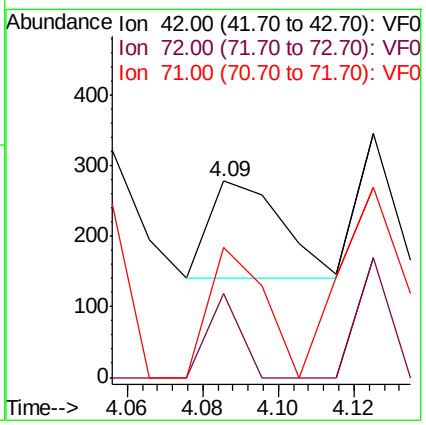


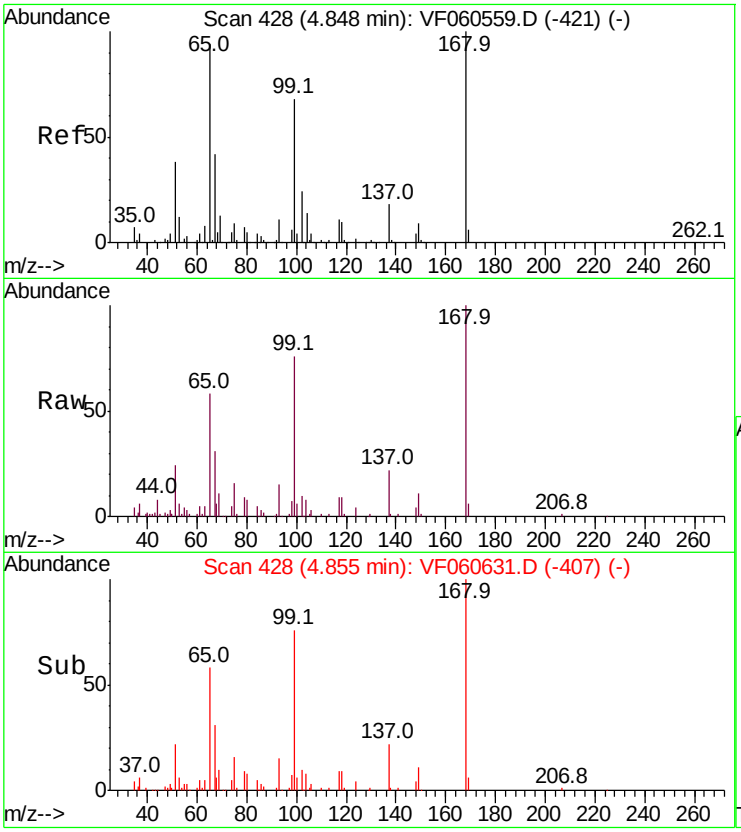


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.09 min Scan# 350
Delta R.T. 0.01 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Tgt Ion: 42 Resp: 182

Ion	Ratio	Lower	Upper
42	100		
72	38.5	31.4	47.0
71	101.6	31.8	47.6#



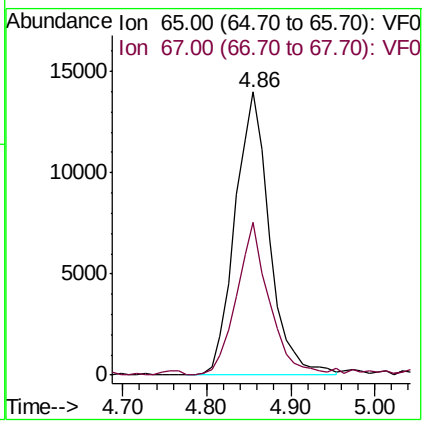


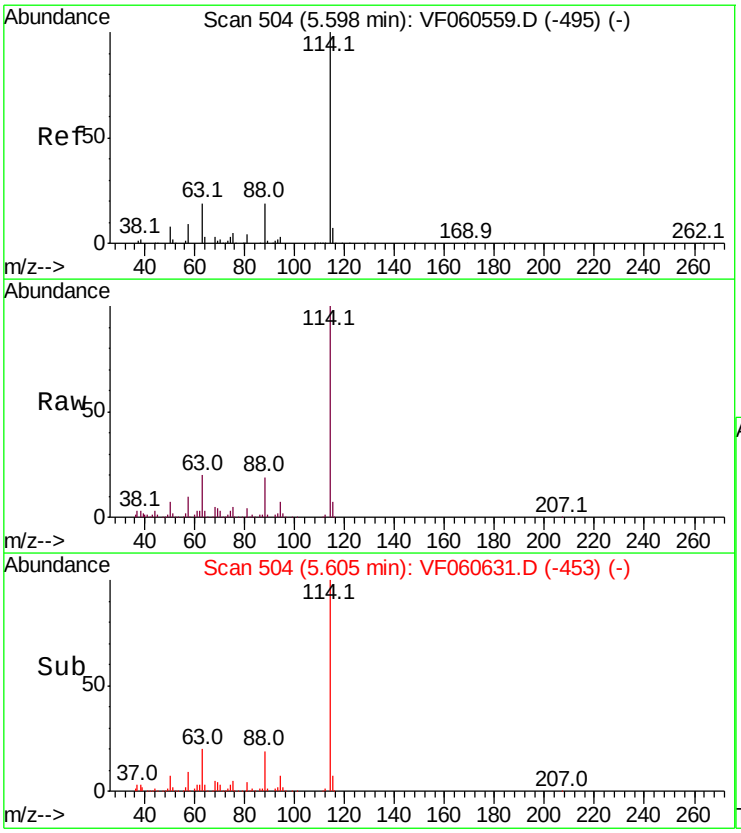
#33
1,2-Dichloroethane-d4
Concen: 24.667 ug/l
RT: 4.86 min Scan# 428
Delta R.T. 0.01 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 39947

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	101.8

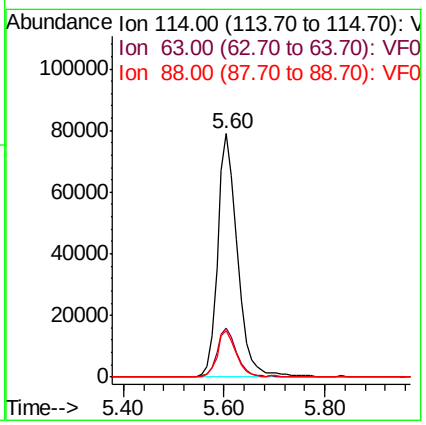


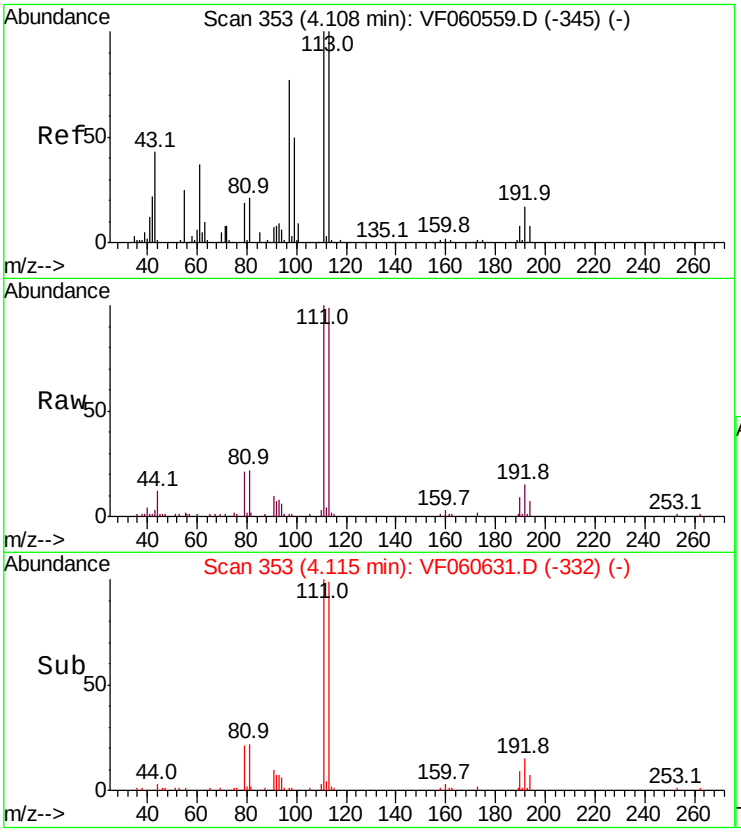


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Tgt Ion:114 Resp: 216449

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	19.1	0.0	38.2



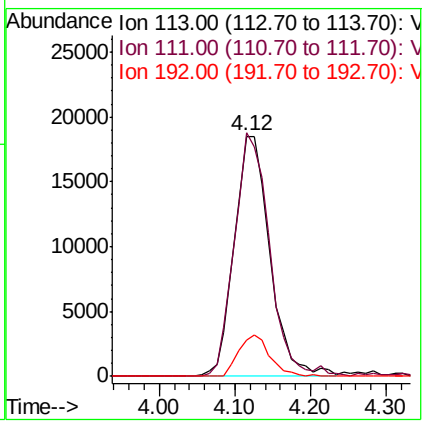


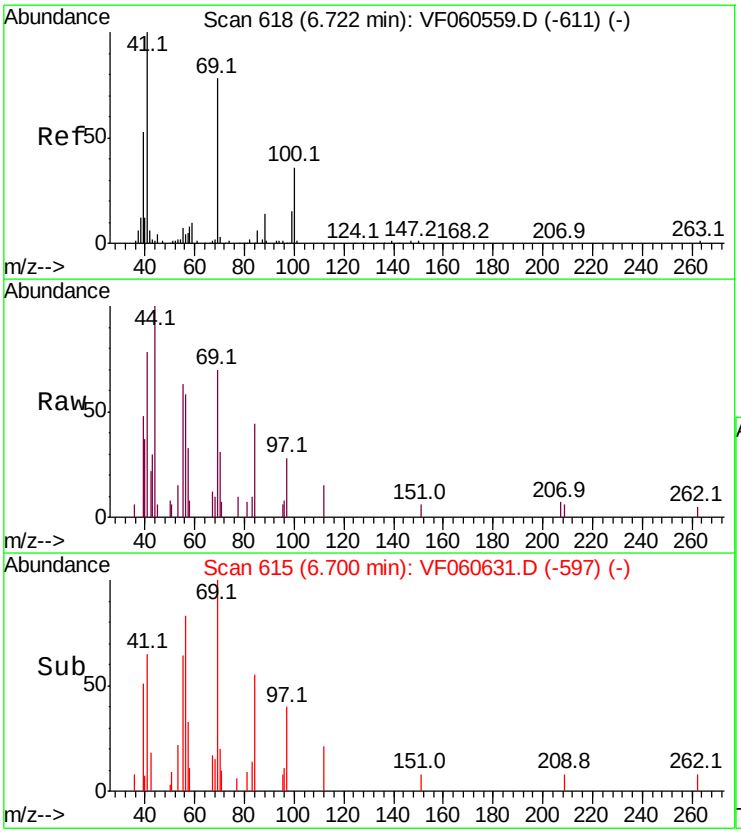
#35
Dibromofluoromethane
Concen: 36.239 ug/l
RT: 4.12 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 60601

Ion	Ratio	Lower	Upper
113	100		
111	101.4	79.9	119.9
192	15.1	13.3	19.9

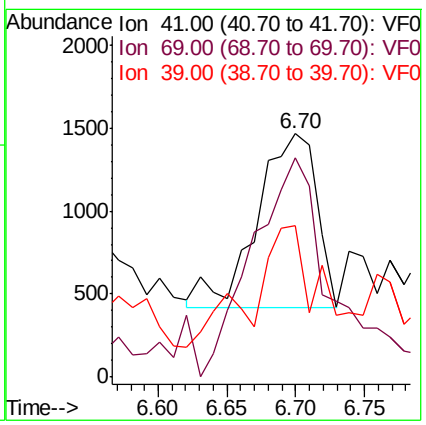


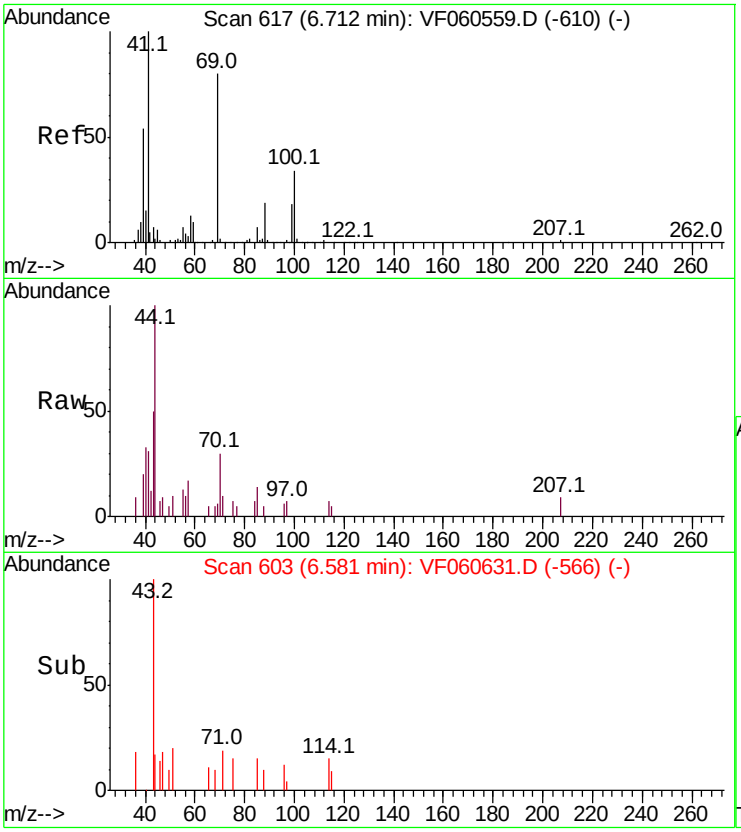


#48
Methyl methacrylate
Concen: 3.478 ug/l
RT: 6.70 min Scan# 615
Delta R.T. -0.02 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Tgt Ion: 41 Resp: 3163

Ion	Ratio	Lower	Upper
41	100		
69	89.9	61.1	91.7
39	62.2	43.0	64.6



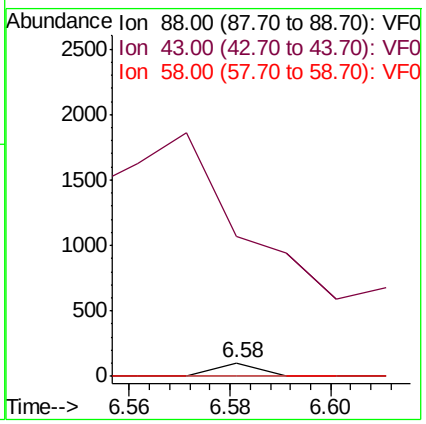


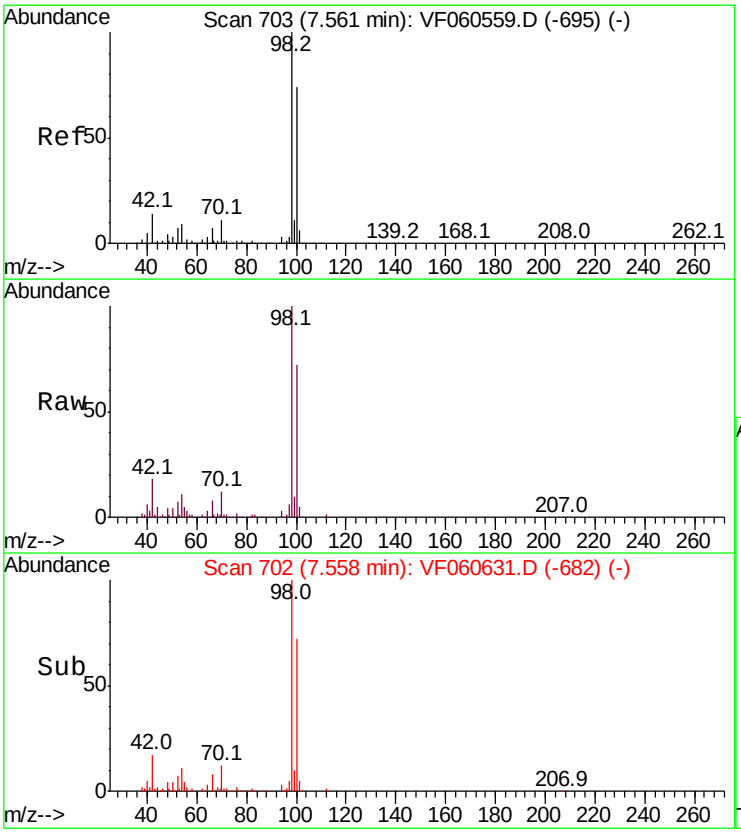
#49
1,4-Dioxane
Concen: 6.306 ug/l
RT: 6.58 min Scan# 603
Delta R.T. -0.13 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 60

Ion	Ratio	Lower	Upper
88	100		
43	1051.0	61.2	91.8#
58	0.0	56.9	85.3#

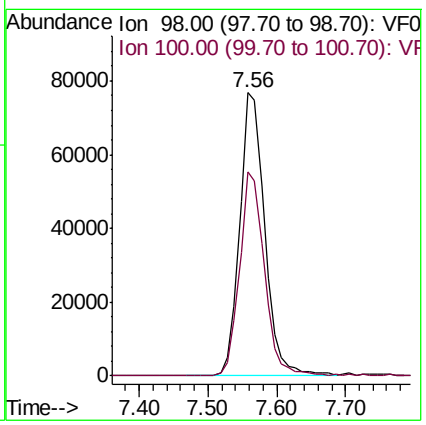


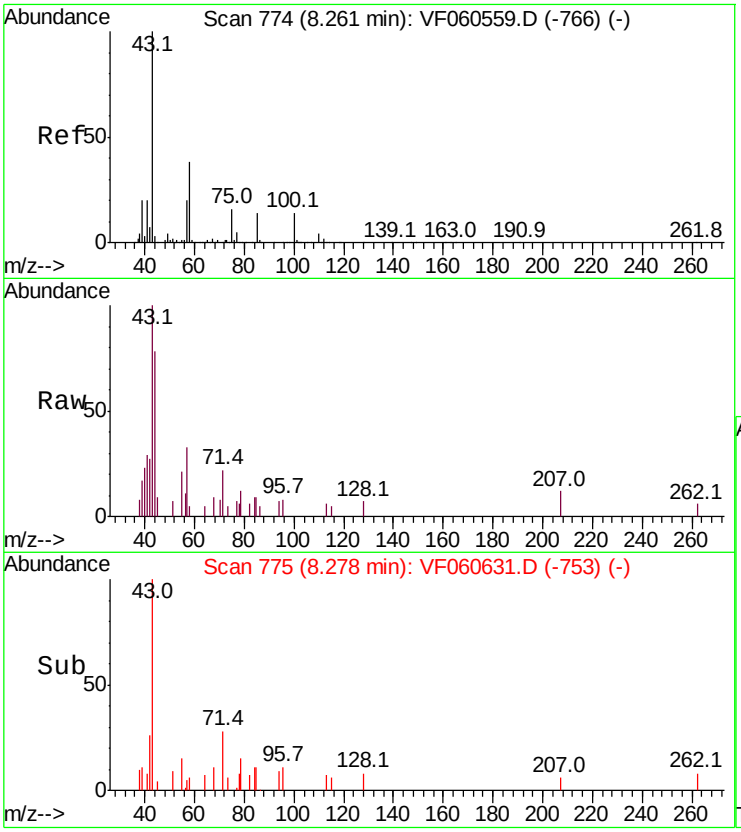


#50
Toluene-d8
Concen: 39.216 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Tgt Ion: 98 Resp: 194269

Ion	Ratio	Lower	Upper
98	100		
100	72.1	59.4	89.2



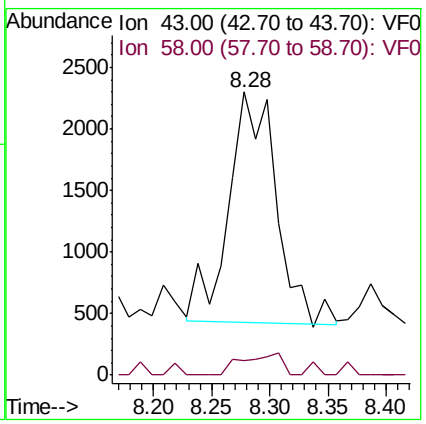


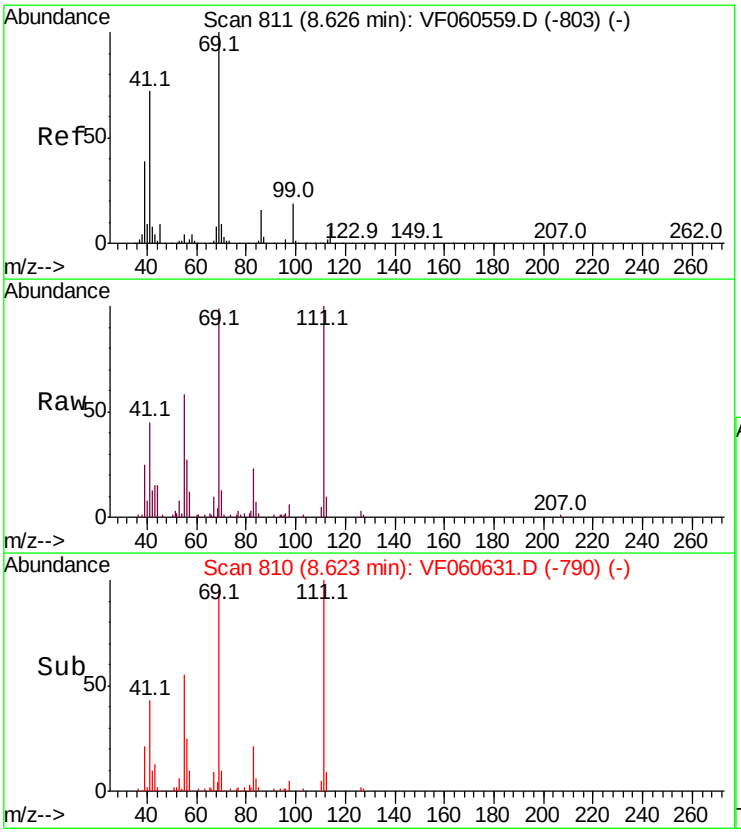
#51
4-Methyl-2-Pentanone
Concen: 5.502 ug/l
RT: 8.28 min Scan# 775
Delta R.T. 0.02 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 5354

Ion	Ratio	Lower	Upper
43	100		
58	5.0	30.1	45.1#

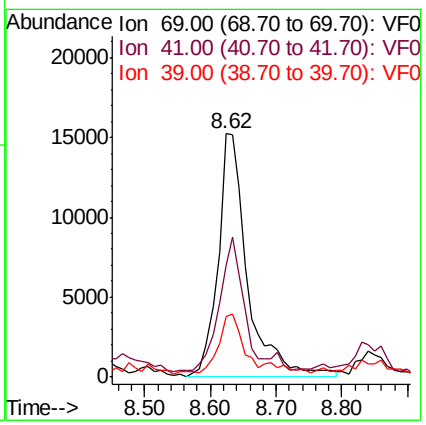


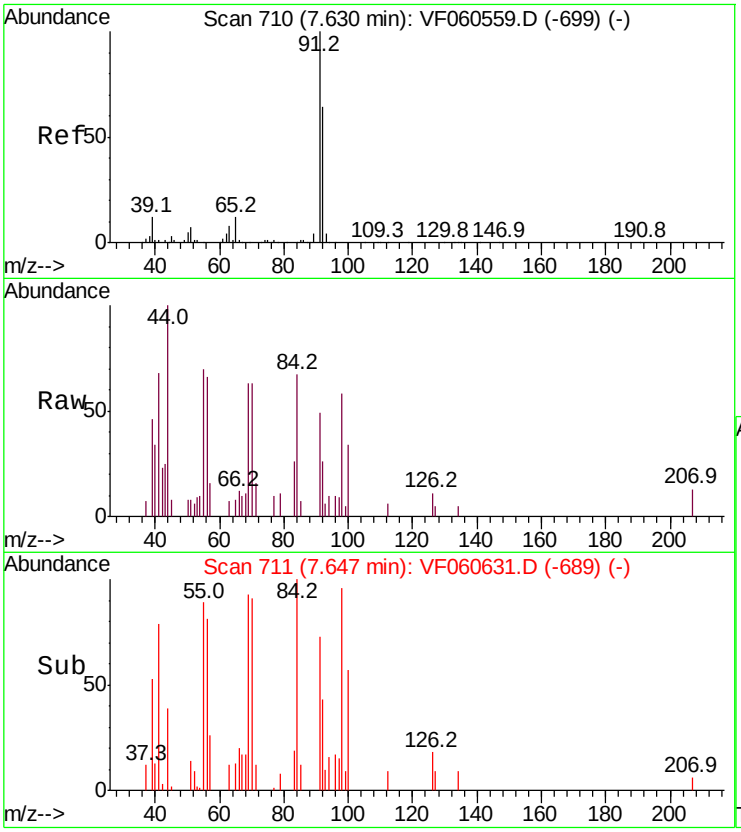


#56
Ethyl methacrylate
Concen: 33.963 ug/l
RT: 8.62 min Scan# 810
Delta R.T. -0.00 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Tgt Ion: 69 Resp: 47917

Ion	Ratio	Lower	Upper
69	100		
41	45.9	59.2	88.8#
39	24.9	32.3	48.5#



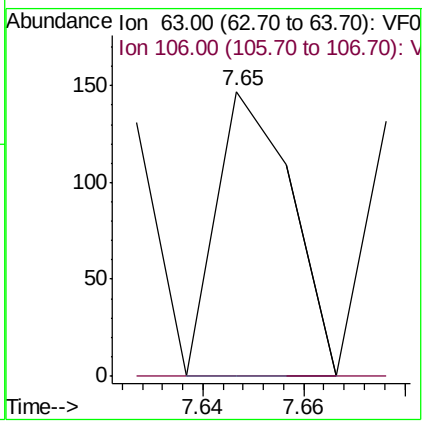


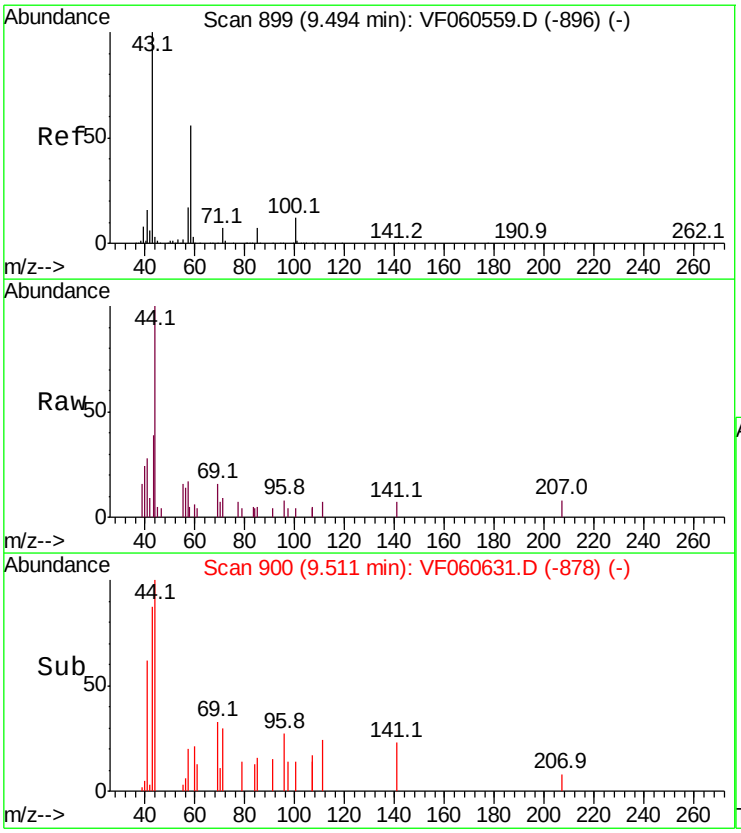
#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 7.65 min Scan# 711
Delta R.T. 0.02 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 63 Resp: 151

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

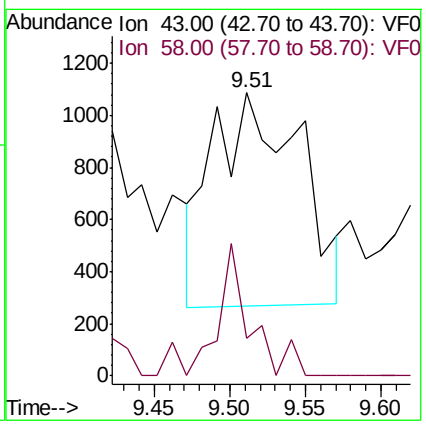


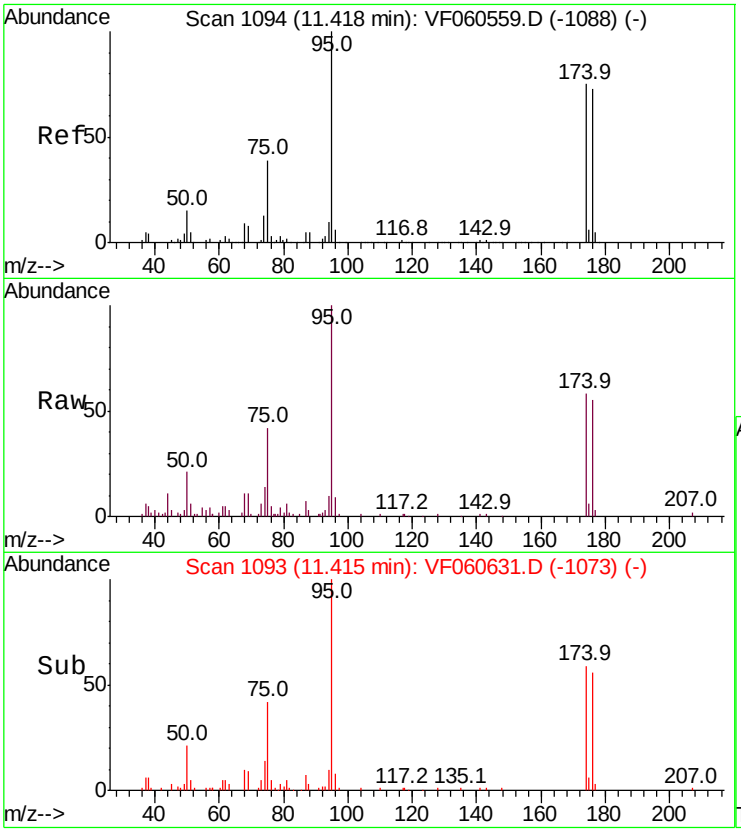


#59
2-Hexanone
Concen: Below Cal
RT: 9.51 min Scan# 900
Delta R.T. 0.02 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Tgt Ion: 43 Resp: 3297

Ion	Ratio	Lower	Upper
43	100		
58	13.3	26.1	78.3#



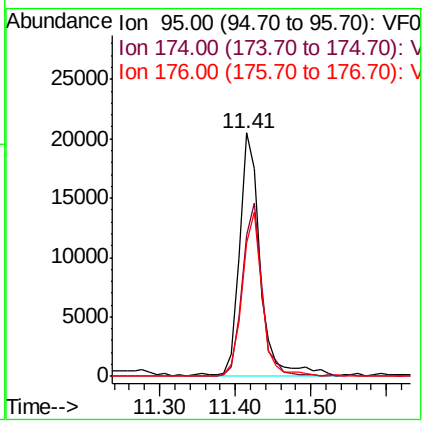


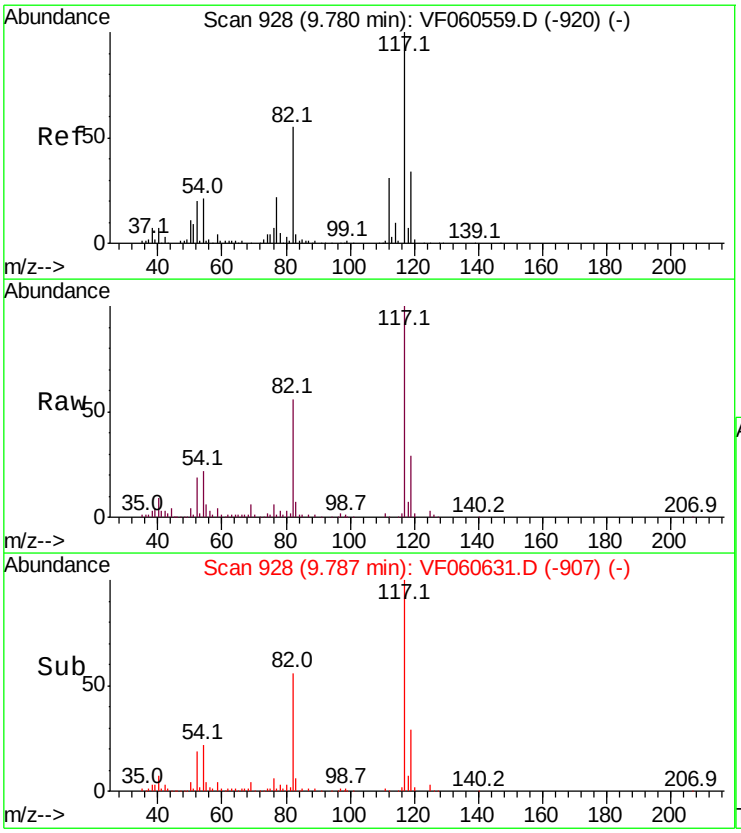
#62
4-Bromofluorobenzene
Concen: 18.037 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 39083

Ion	Ratio	Lower	Upper
95	100		
174	58.2	0.0	149.0
176	55.0	0.0	145.6

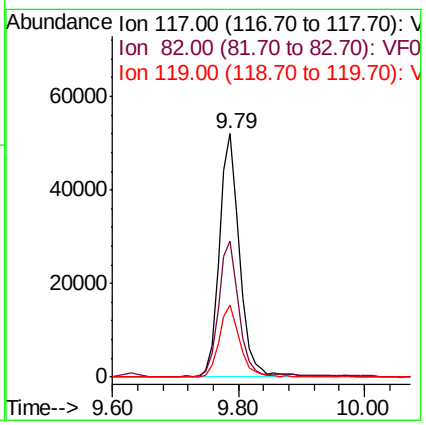


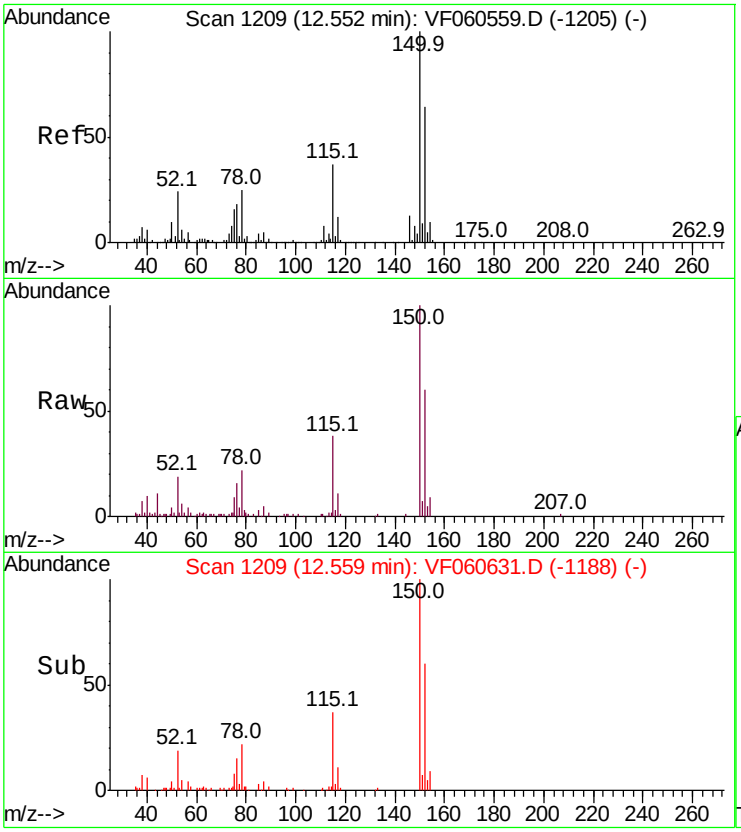


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Tgt Ion:117 Resp: 116973

Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.9	65.9
119	29.4	27.4	41.0



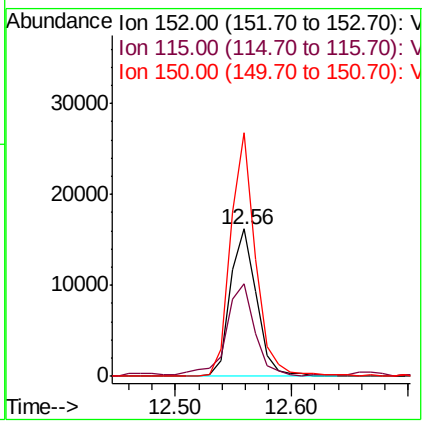


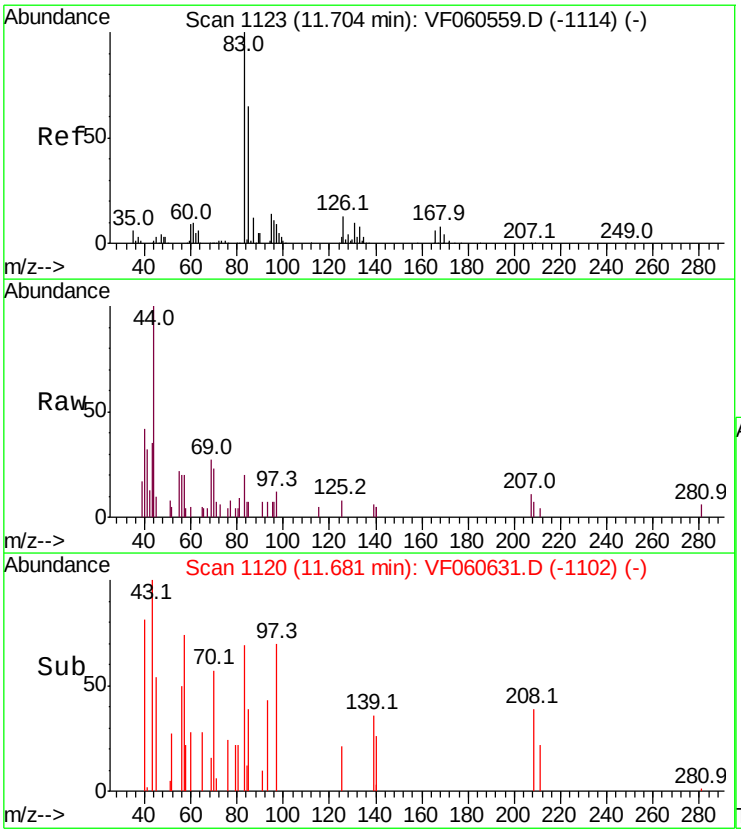
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 25345

Ion	Ratio	Lower	Upper
152	100		
115	62.5	29.6	88.8
150	165.5	0.0	315.6





#75
1,1,2,2-Tetrachloroethane
Concen: 3.770 ug/l
RT: 11.68 min Scan# 1120
Delta R.T. -0.02 min
Lab File: VF060631.D
Acq: 7 Nov 2018 16:16

Tgt Ion: 83 Resp: 1360

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	33.3	32.9	98.7