Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF110518\
Data File : VF060586.D
Acq On : 5 Nov 2018 22:06
Operator : VA/AP
Sample : J5741-43RE
Misc : 6.98/5mL/MSVOA-F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId :

Quant Time: Nov 06 06:57:52 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	287968	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	5.60	114	522954	50.00	ug/l		0.00
63) Chlorobenzene-d5	9.78	117	460843	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	213548	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	4.84	65	132612	45.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.16%				
35) Dibromofluoromethane	4.11	113	170356	42.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 84.32%				
50) Toluene-d8	7.56	98	444577	37.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 74.30%				
62) 4-Bromofluorobenzene	11.41	95	200286	38.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 76.52%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.96	85	453	Below Cal	#		41
6) Chloroethane	1.33	64	136	Below Cal	#		4
8) Diethyl Ether	1.64	74	1647	2.044	ug/l		78
11) Tert butyl alcohol	2.54	59	436	Below Cal	#		1
13) Acrolein	1.99	56	916	Below Cal	#		47
15) Acrylonitrile	2.94	53	552	1.592	ug/l	#	66
16) Acetone	2.24	43	28441	41.483	ug/l		100
18) Methyl Acetate	2.35	43	2283	2.602	ug/l	#	82
20) Methylene Chloride	2.18	84	2958	Below Cal	#		85
25) 2-Butanone	4.34	43	7874	Below Cal	#		82
29) Tetrahydrofuran	4.08	42	1110	Below Cal	#		53
40) Benzene	4.64	78	15575	1.114	ug/l		98
49) 1,4-Dioxane	6.79	88	70	3.045	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.26	43	4015	1.708	ug/l	#	62
52) Toluene	7.63	92	71099	7.809	ug/l		94
58) 2-Chloroethyl Vinyl ether	7.63	63	10451	29.530	ug/l		100
59) 2-Hexanone	9.51	43	2918	Below Cal			80
74) N-amyl acetate	11.36	43	801	Below Cal	#		50
89) n-Butylbenzene	12.84	91	1865	Below Cal			64

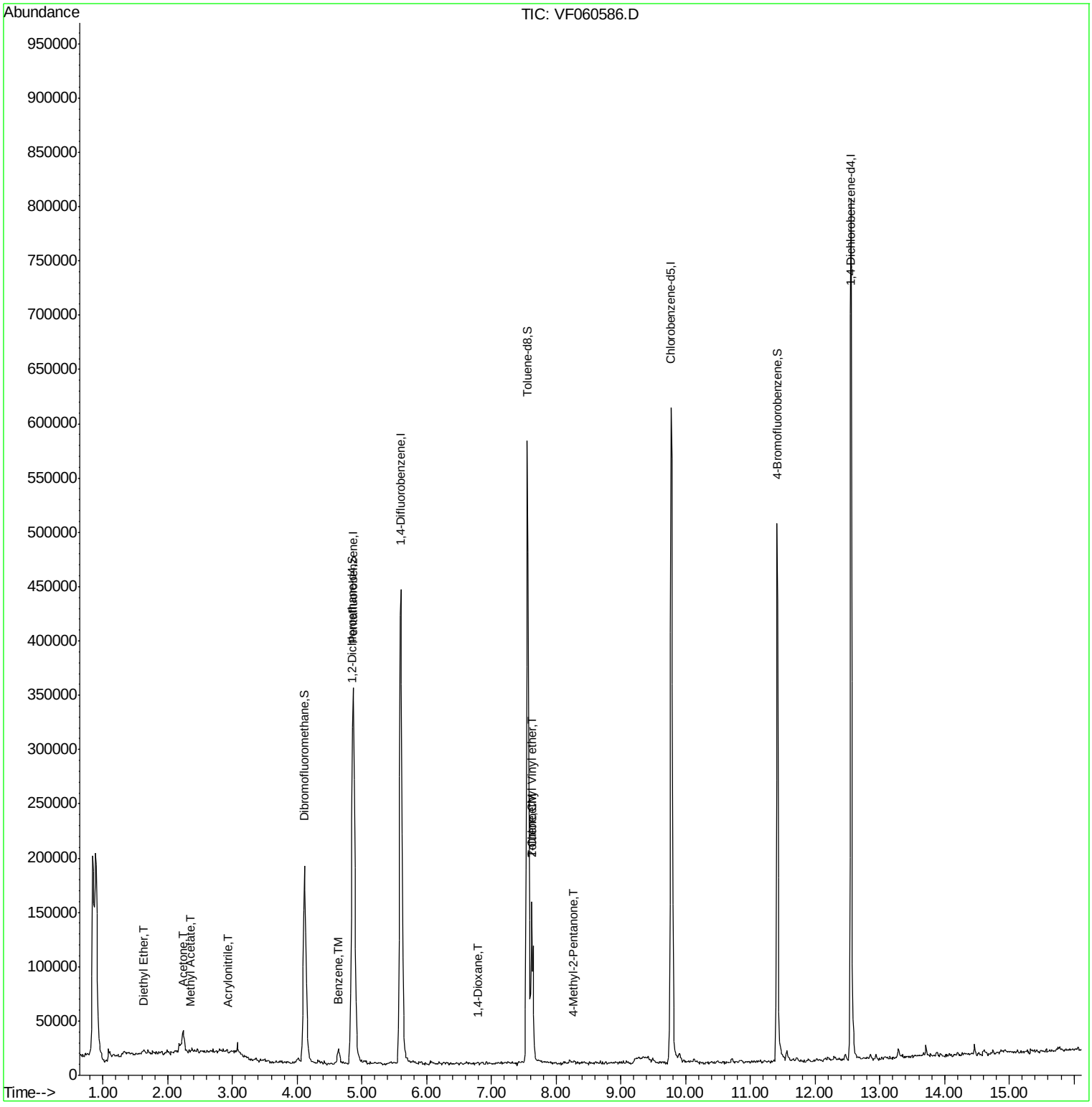
(#) = qualifier out of range (m) = manual integration (+) = signals summed

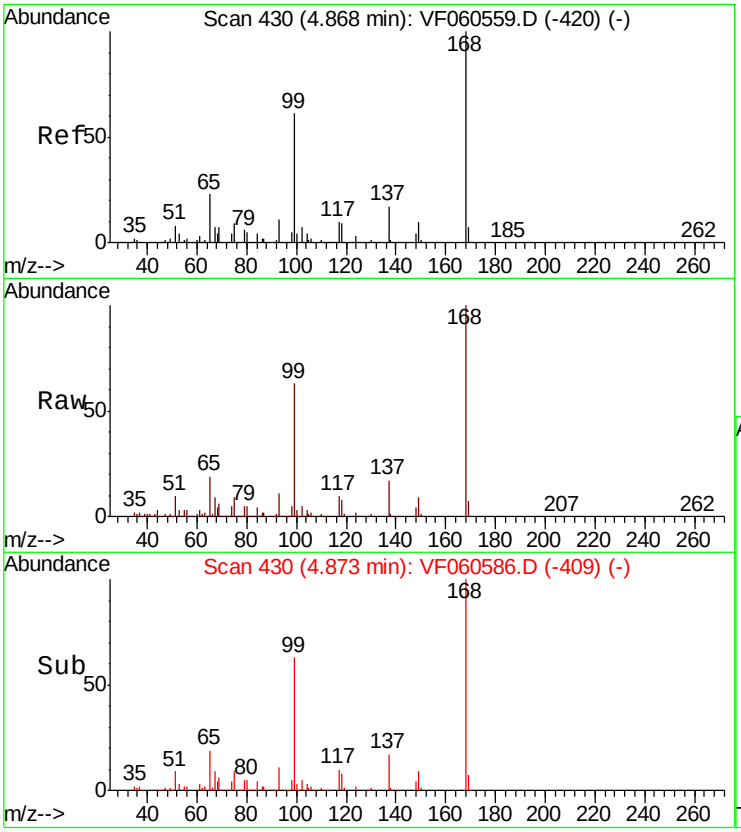
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
Data File : VF060586.D
Acq On : 5 Nov 2018 22:06
Operator : VA/AP
Sample : J5741-43RE
Misc : 6.98/5mL/MSVOA-F/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Nov 06 06:57:52 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



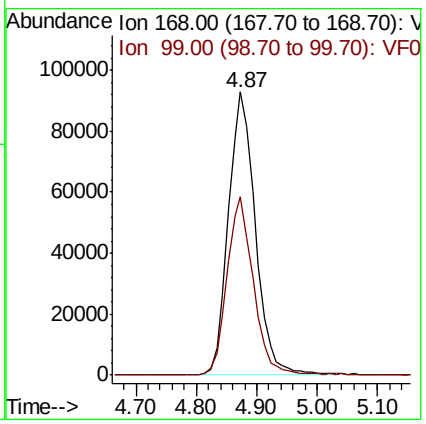


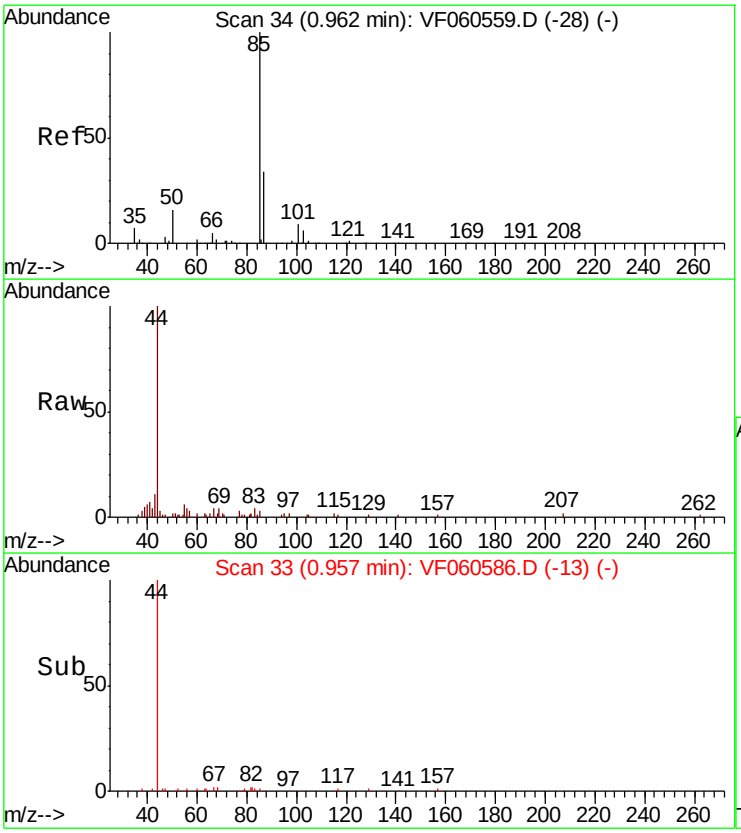
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.01 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:168 Resp: 287968

Ion	Ratio	Lower	Upper
168	100		
99	62.9	48.6	72.8

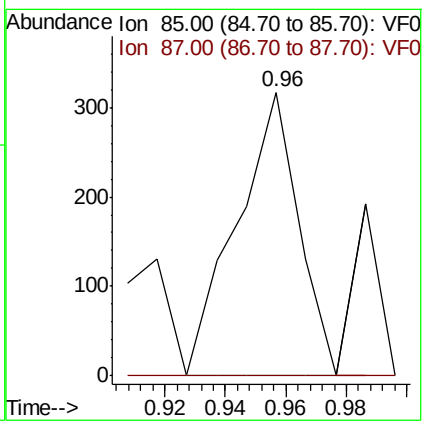


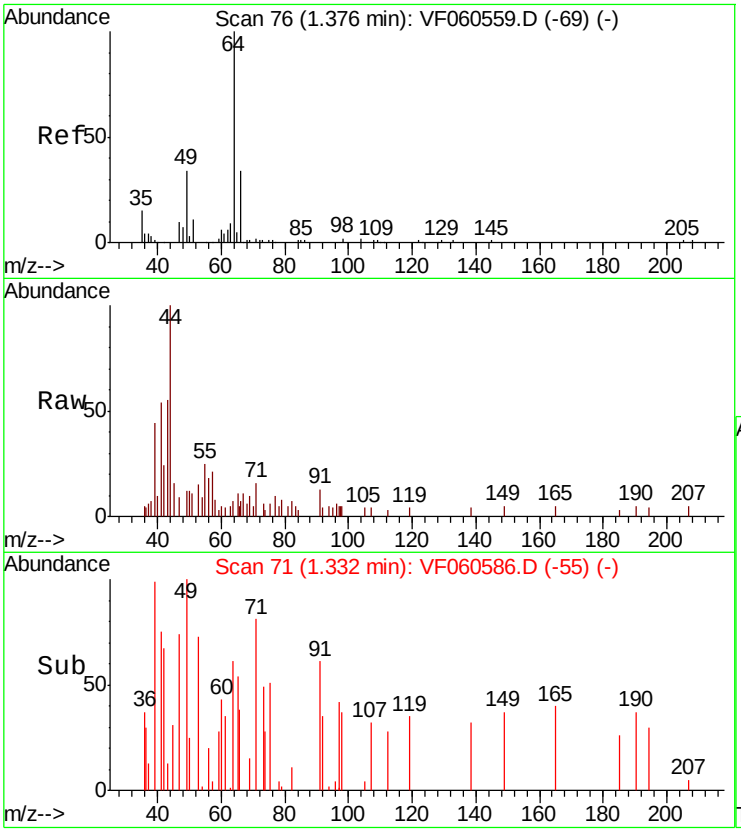


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 0.96 min Scan# 33
Delta R.T. -0.00 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Tgt Ion: 85 Resp: 453

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.9	50.7#



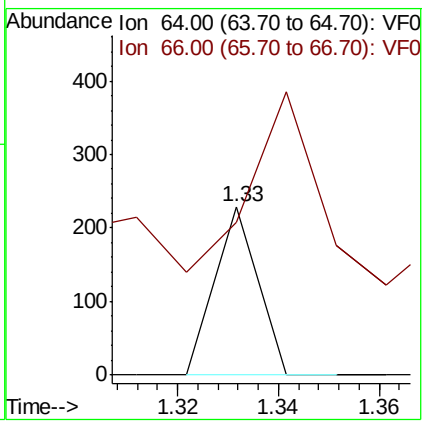


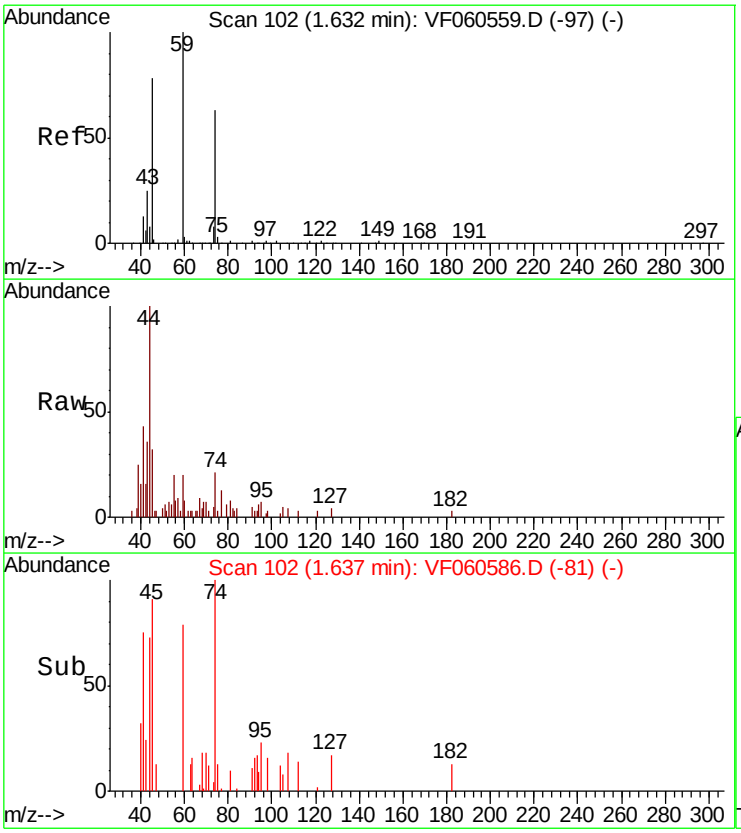
#6
Chloroethane
Concen: Below Cal
RT: 1.33 min Scan# 71
Delta R.T. -0.04 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 64 Resp: 136

Ion	Ratio	Lower	Upper
64	100		
66	90.4	27.8	41.8#

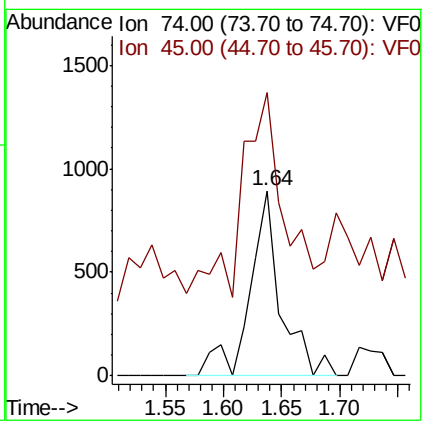


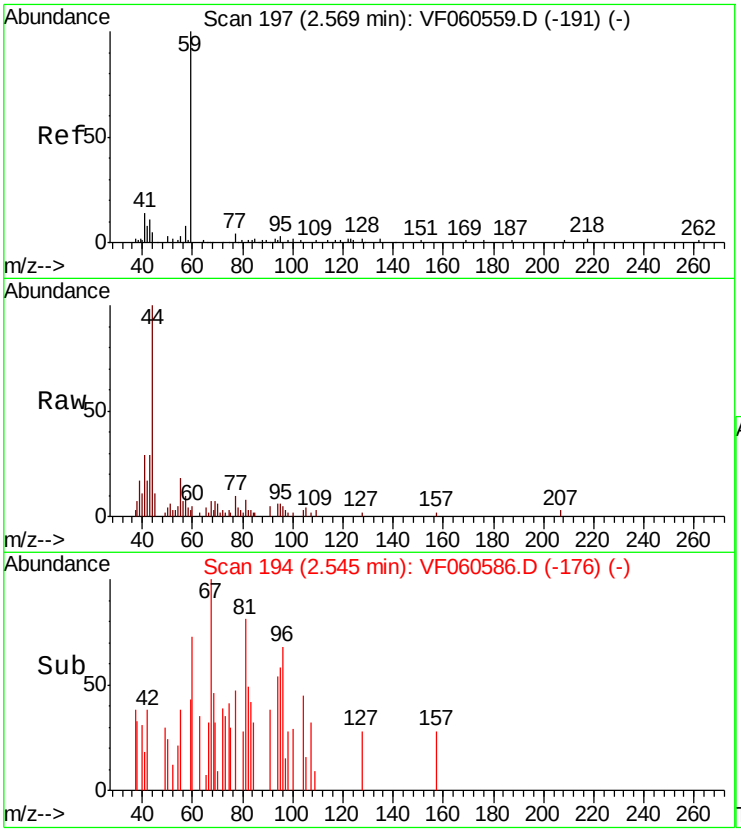


#8
Diethyl Ether
Concen: 2.044 ug/l
RT: 1.64 min Scan# 102
Delta R.T. 0.01 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Tgt Ion: 74 Resp: 1647

Ion	Ratio	Lower	Upper
74	100		
45	153.1	63.8	191.5



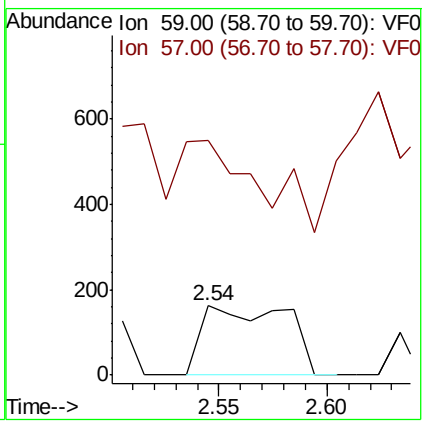


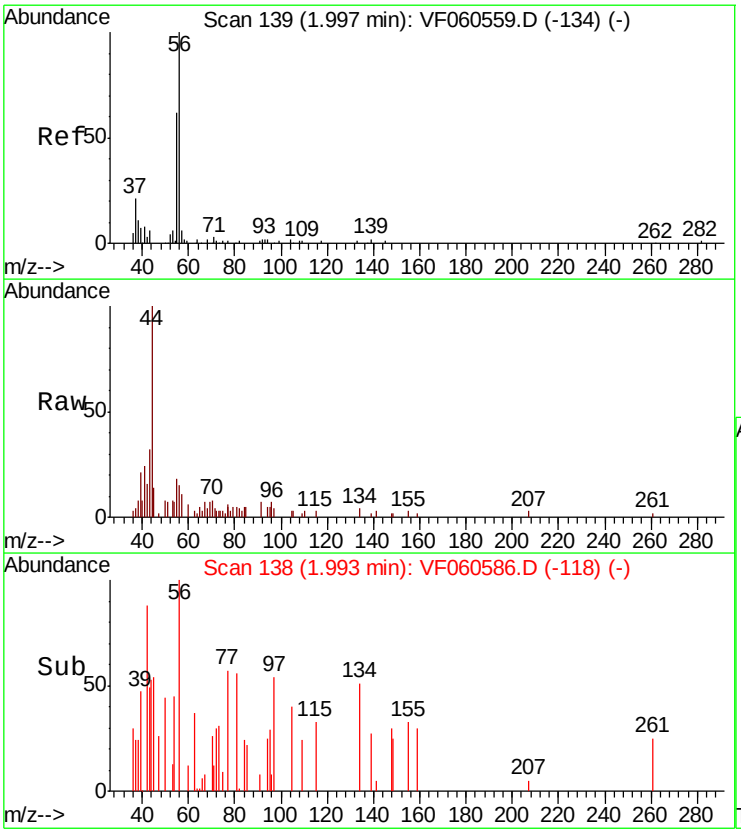
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.54 min Scan# 194
Delta R.T. -0.02 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 59 Resp: 436

Ion	Ratio	Lower	Upper
59	100		
57	338.9	19.0	28.4#

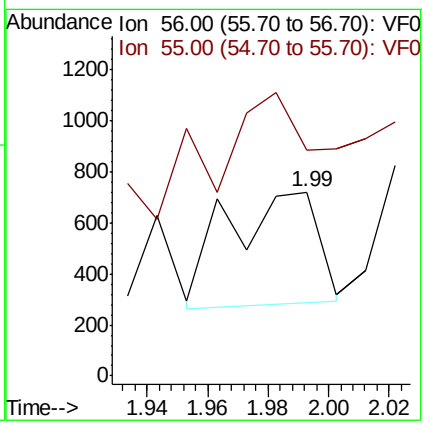


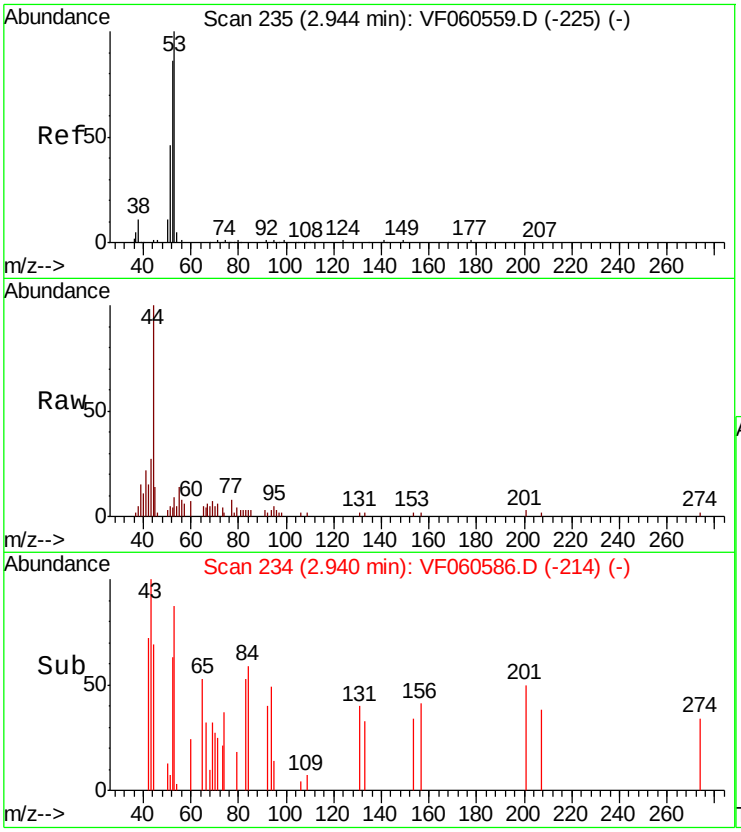


#13
Acrolein
Concen: Below Cal
RT: 1.99 min Scan# 138
Delta R.T. -0.00 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Tgt Ion: 56 Resp: 916

Ion	Ratio	Lower	Upper
56	100		
55	123.1	61.8	92.6#



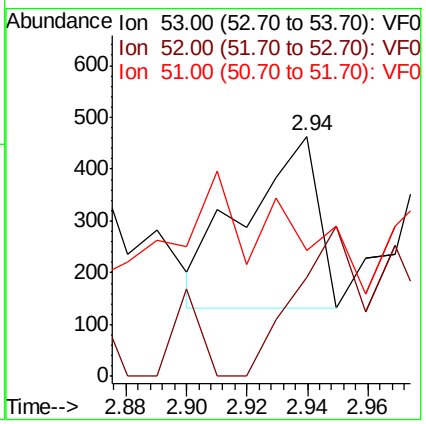


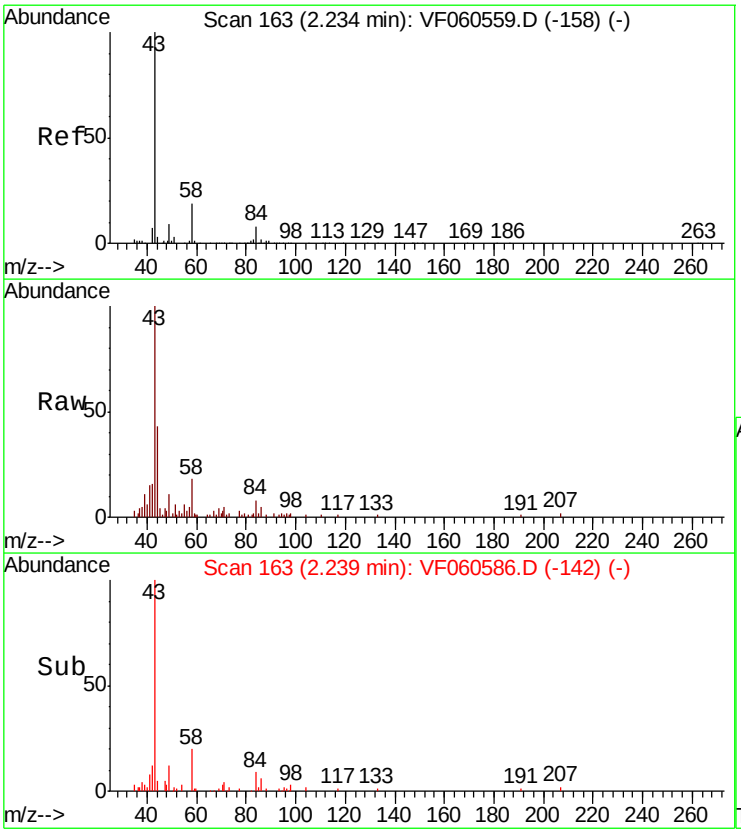
#15
Acrylonitrile
Concen: 1.592 ug/l
RT: 2.94 min Scan# 234
Delta R.T. -0.00 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 53 Resp: 552

Ion	Ratio	Lower	Upper
53	100		
52	41.0	68.5	102.7#
51	52.5	38.2	57.2

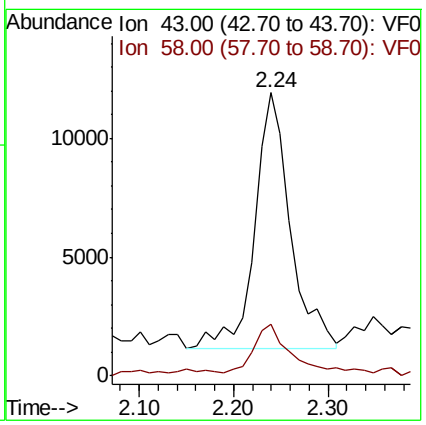


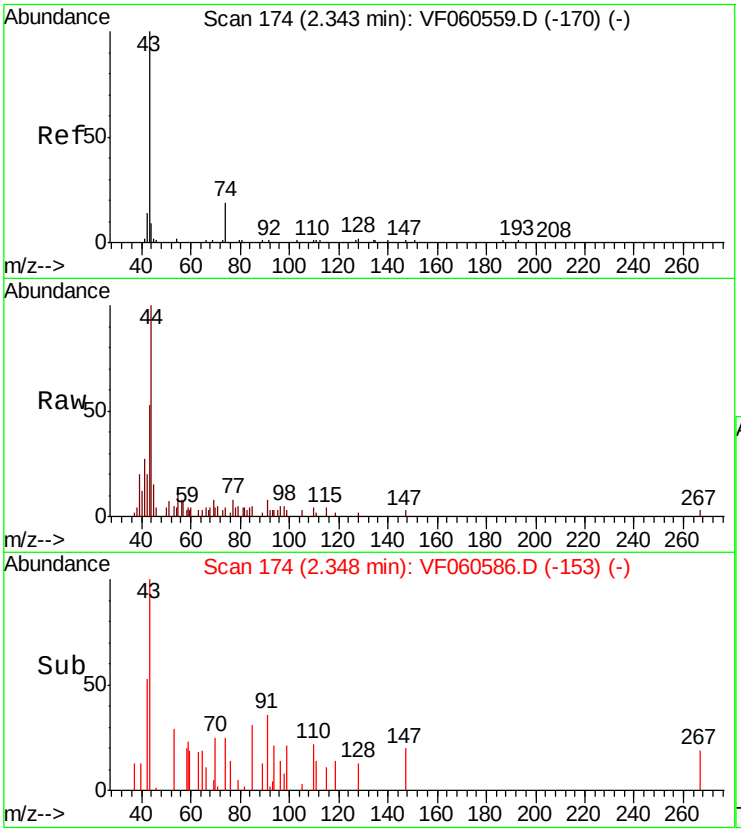


#16
Acetone
Concen: 41.483 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.01 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Tgt Ion: 43 Resp: 28441

Ion	Ratio	Lower	Upper
43	100		
58	18.3	14.6	22.0



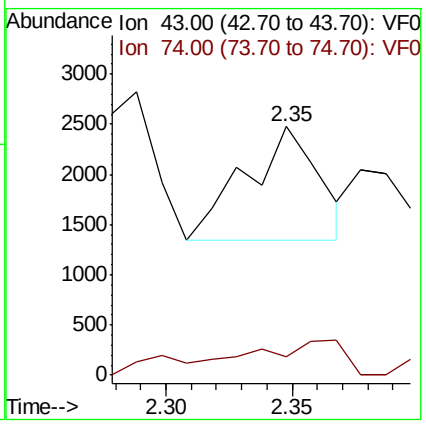


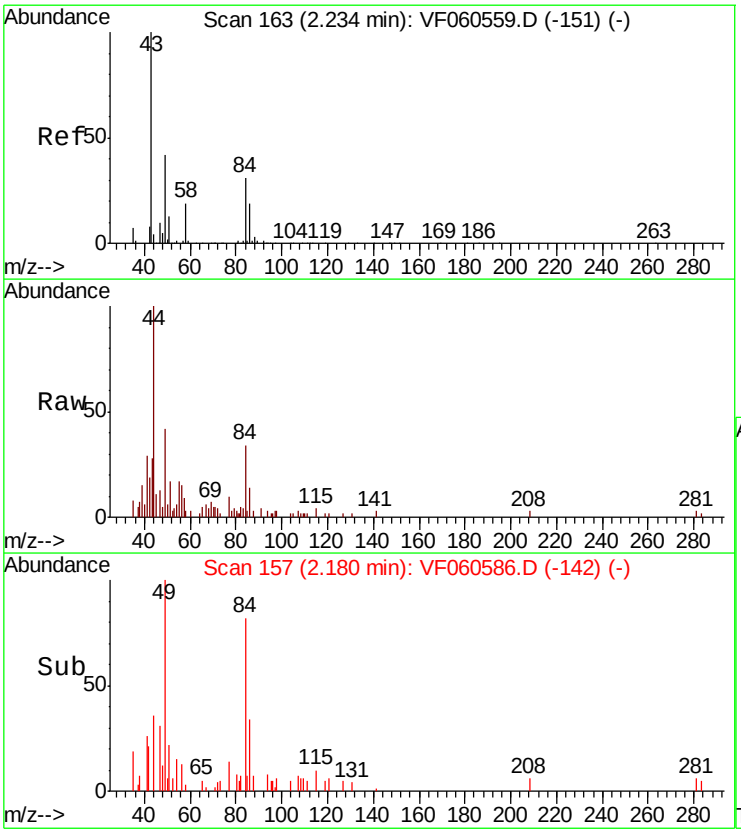
#18
Methyl Acetate
Concen: 2.602 ug/l
RT: 2.35 min Scan# 174
Delta R.T. 0.01 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 2283

Ion	Ratio	Lower	Upper
43	100		
74	7.6	12.1	18.1#

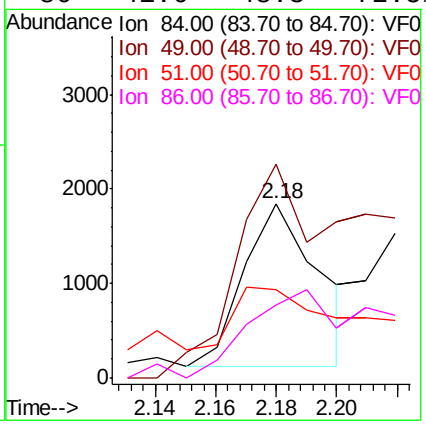


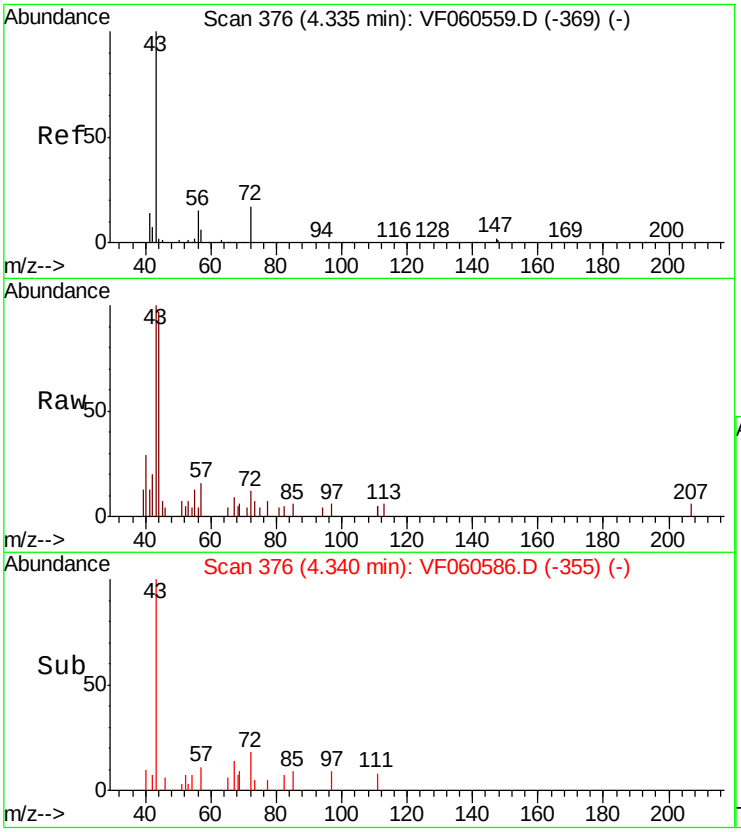


#20
Methylene Chloride
Concen: Below Cal
RT: 2.18 min Scan# 157
Delta R.T. -0.05 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Tgt Ion: 84 Resp: 2958

Ion	Ratio	Lower	Upper
84	100		
49	122.5	109.9	164.9
51	50.4	35.8	53.8
86	41.6	48.3	72.5#



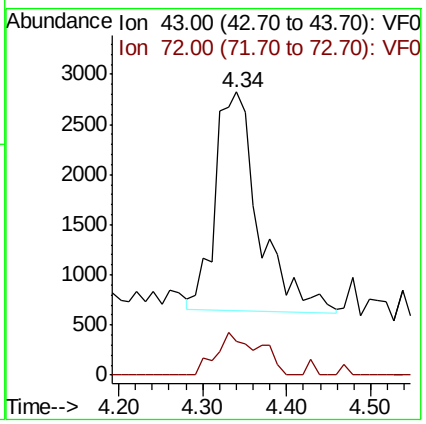


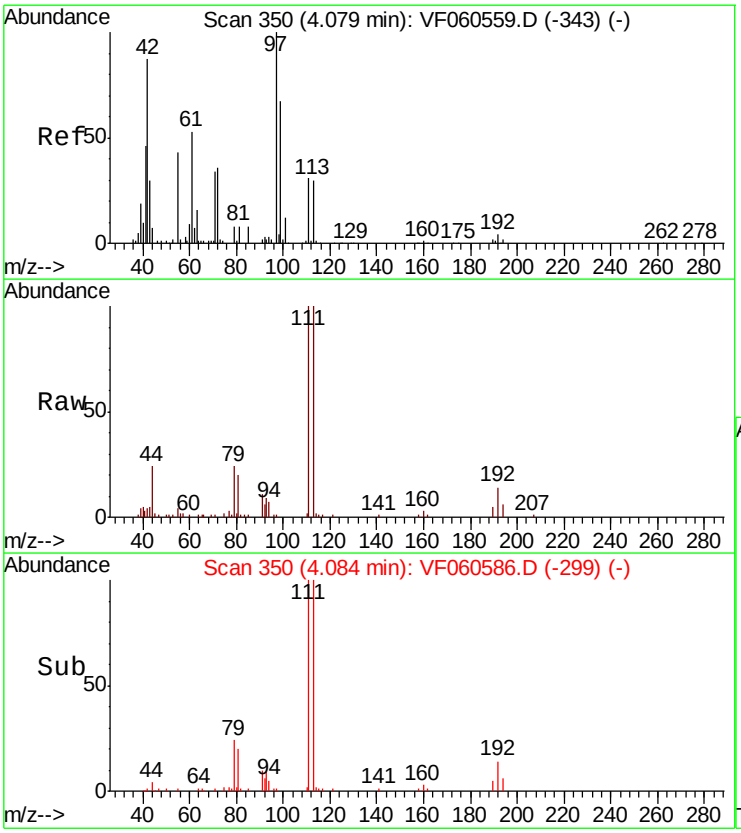
#25
2-Butanone
Concen: Below Cal
RT: 4.34 min Scan# 376
Delta R.T. 0.01 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 7874

Ion	Ratio	Lower	Upper
43	100		
72	11.8	16.2	24.2#

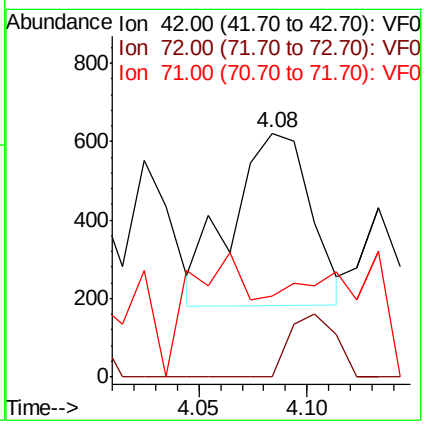


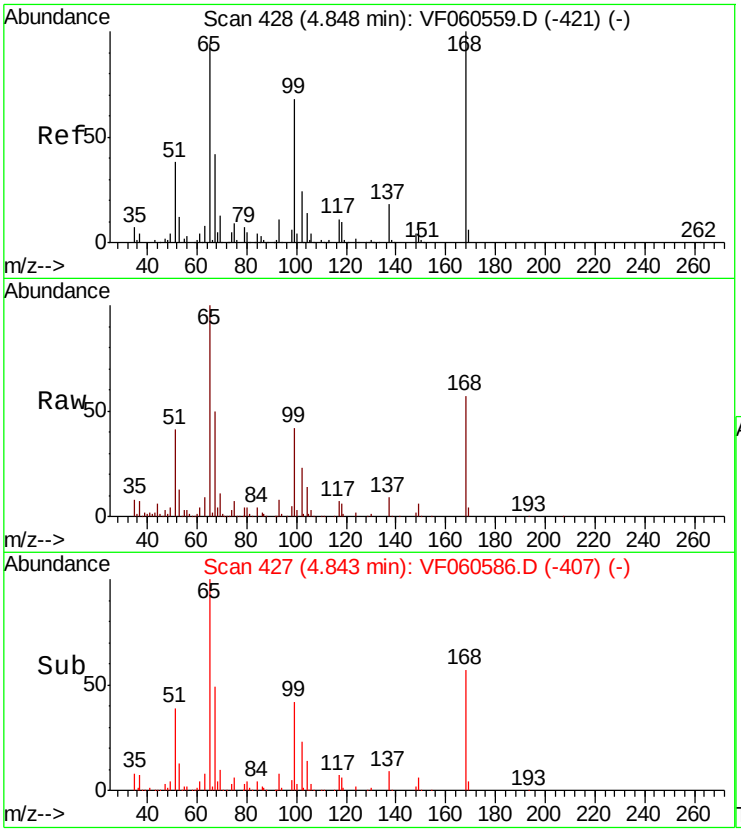


#29
Tetrahydrofuran
Concen: Below Cal
RT: 4.08 min Scan# 350
Delta R.T. 0.01 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Tgt Ion: 42 Resp: 1110

Ion	Ratio	Lower	Upper
42	100		
72	21.5	31.4	47.0#
71	0.0	31.8	47.6#



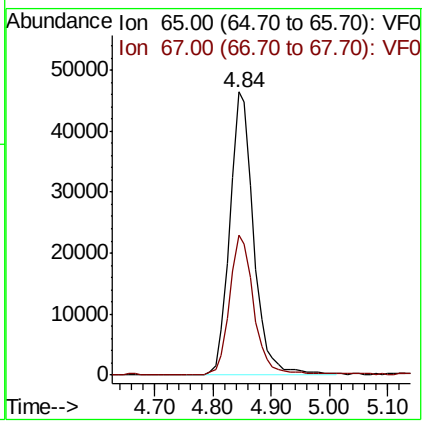


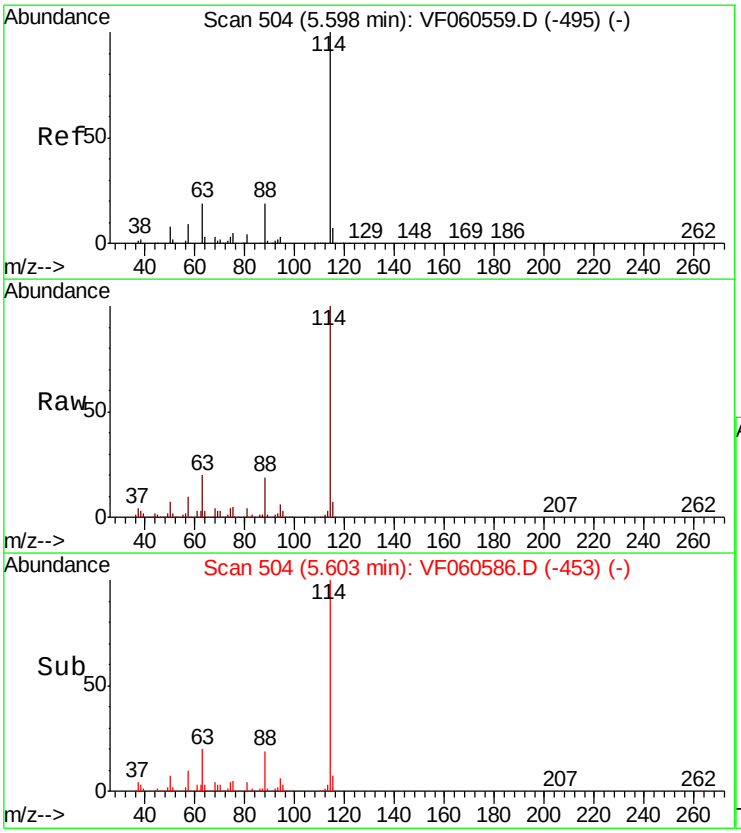
#33
1,2-Dichloroethane-d4
Concen: 45.578 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.00 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 65 Resp: 132612

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	101.8

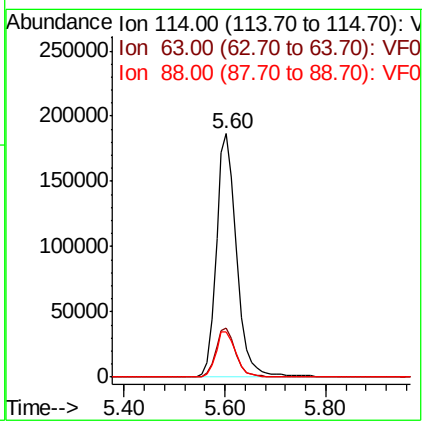


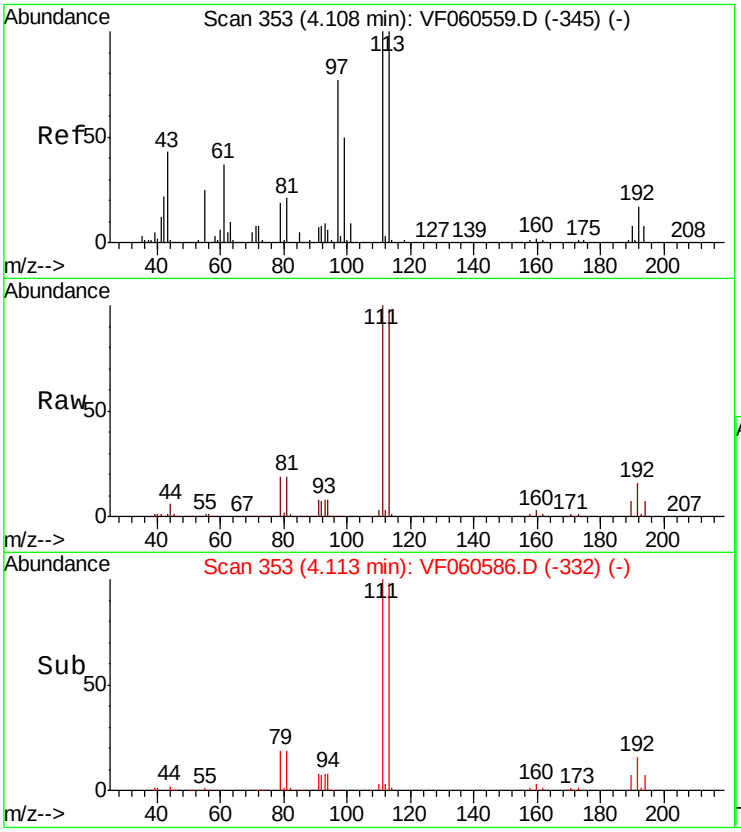


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. 0.01 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Tgt Ion:114 Resp: 522954

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.0
88	18.5	0.0	38.2



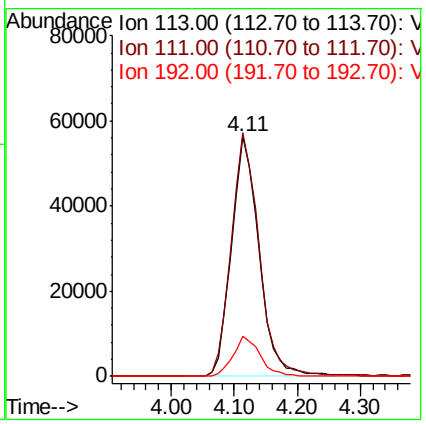


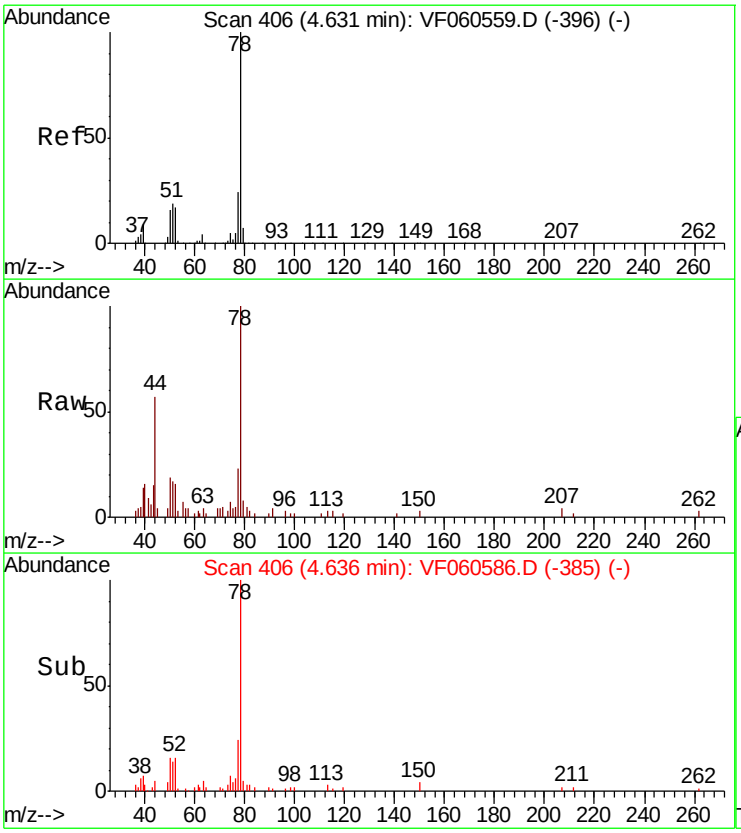
#35
Dibromofluoromethane
Concen: 42.164 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.01 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:113 Resp: 170356

Ion	Ratio	Lower	Upper
113	100		
111	101.6	79.9	119.9
192	16.7	13.3	19.9

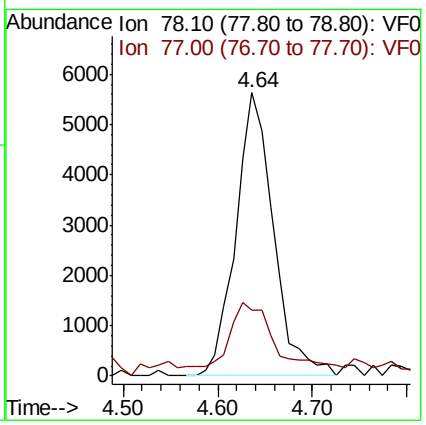


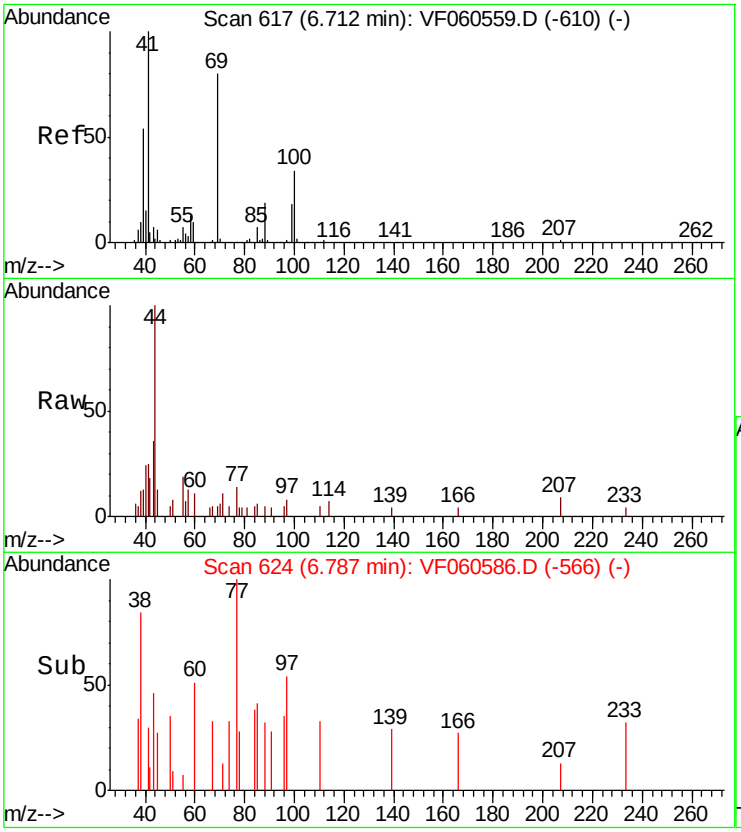


#40
Benzene
Concen: 1.114 ug/l
RT: 4.64 min Scan# 406
Delta R.T. 0.01 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Tgt Ion: 78 Resp: 15575

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9



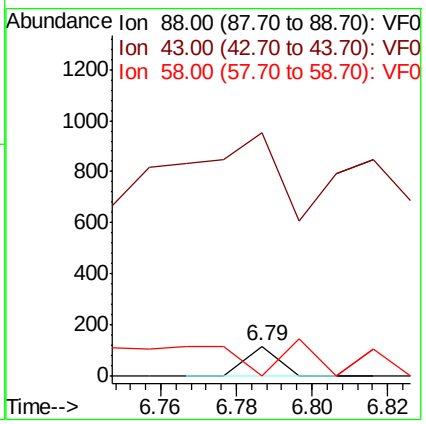


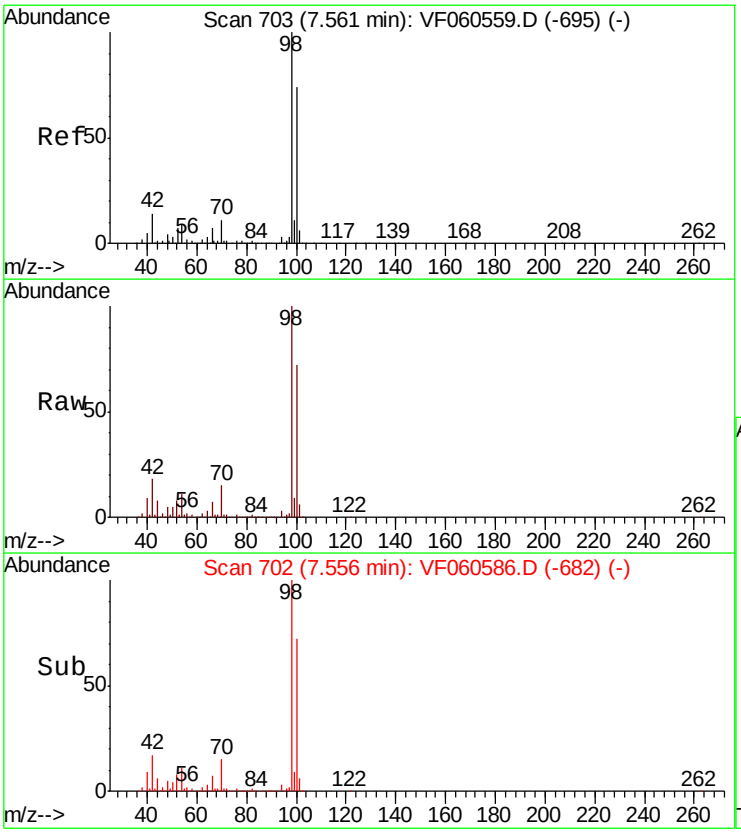
#49
1,4-Dioxane
Concen: 3.045 ug/l
RT: 6.79 min Scan# 624
Delta R.T. 0.07 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 88 Resp: 70

Ion	Ratio	Lower	Upper
88	100		
43	806.8	61.2	91.8#
58	0.0	56.9	85.3#

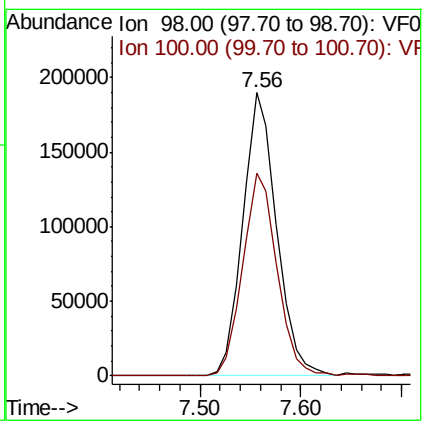


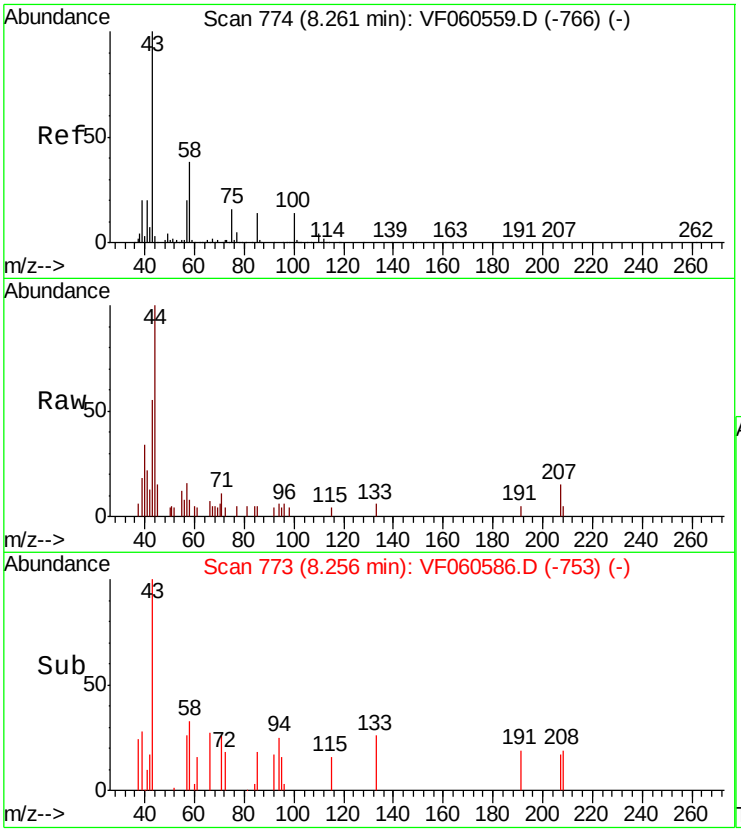


#50
Toluene-d8
Concen: 37.145 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.00 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Tgt Ion: 98 Resp: 444577

Ion	Ratio	Lower	Upper
98	100		
100	71.7	59.4	89.2



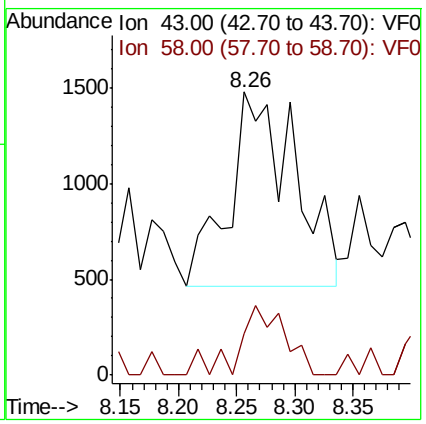


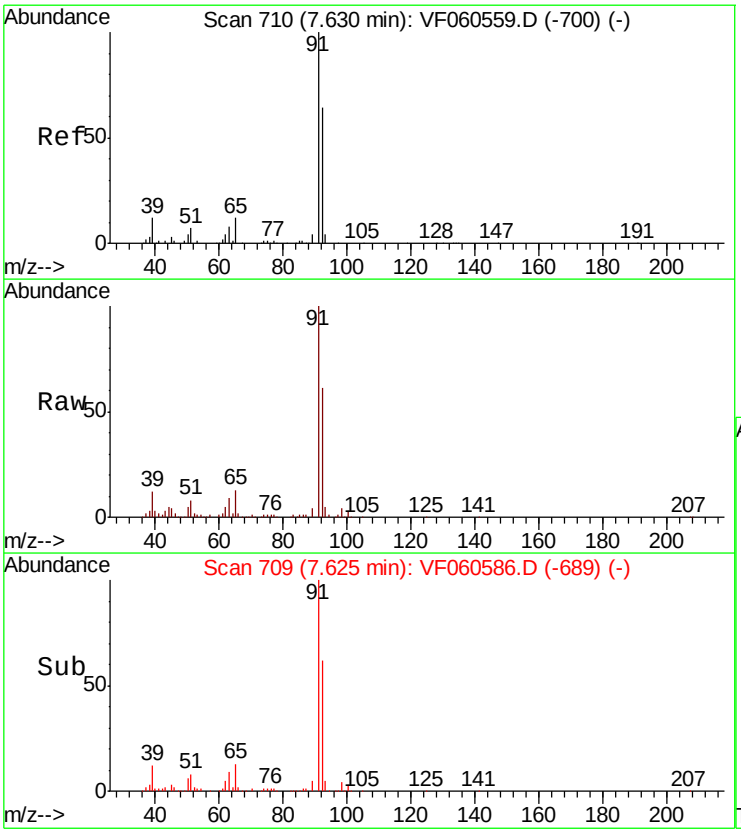
#51
4-Methyl-2-Pentanone
Concen: 1.708 ug/l
RT: 8.26 min Scan# 773
Delta R.T. -0.00 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Instrument : MSVOA_F
ClientSampleId :

Tgt Ion: 43 Resp: 4015

Ion	Ratio	Lower	Upper
43	100		
58	14.6	30.1	45.1#

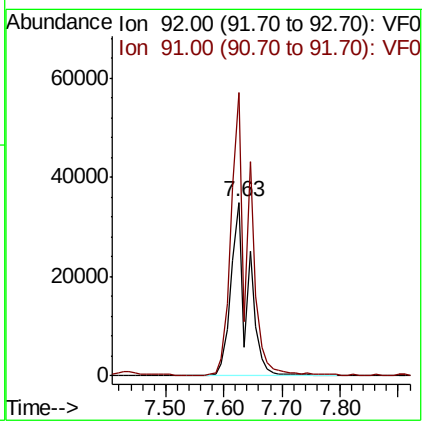


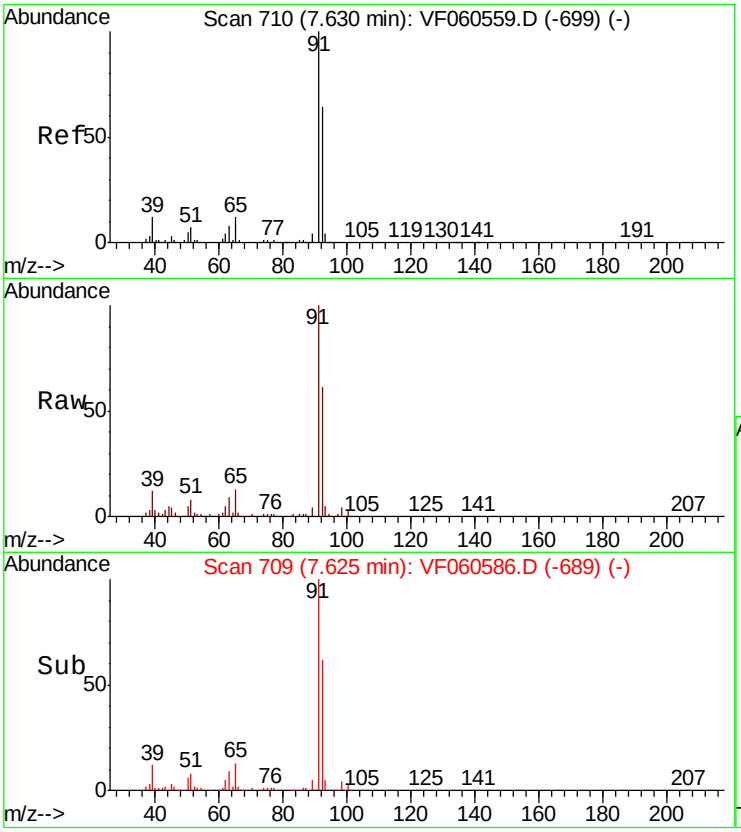


#52
Toluene
Concen: 7.809 ug/l
RT: 7.63 min Scan# 709
Delta R.T. -0.00 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Tgt Ion: 92 Resp: 71099

Ion	Ratio	Lower	Upper
92	100		
91	163.0	124.5	186.7



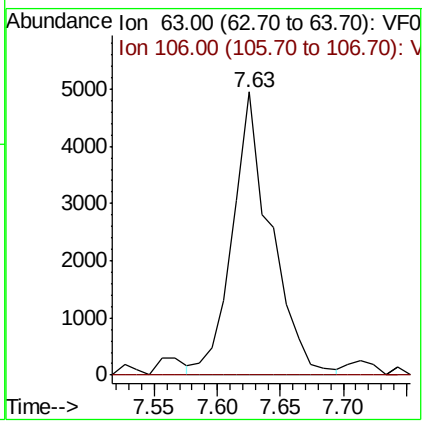


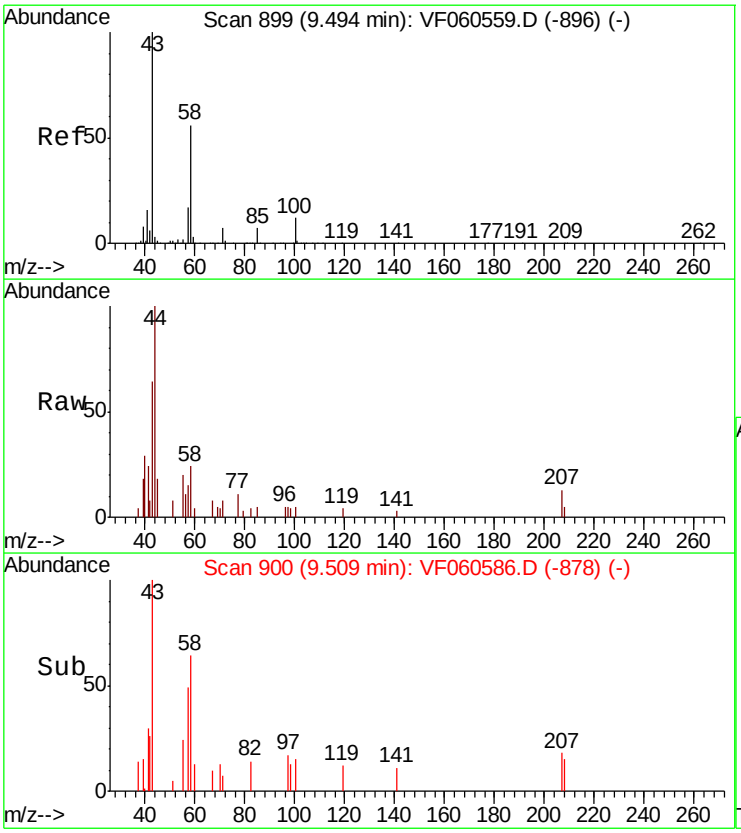
#58
2-Chloroethyl Vinyl ether
Concen: 29.530 ug/l
RT: 7.63 min Scan# 709
Delta R.T. -0.00 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 63 Resp: 10451

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

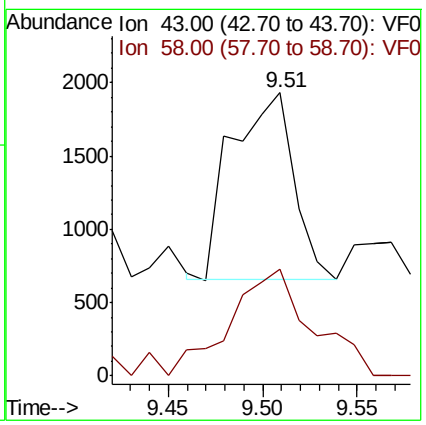


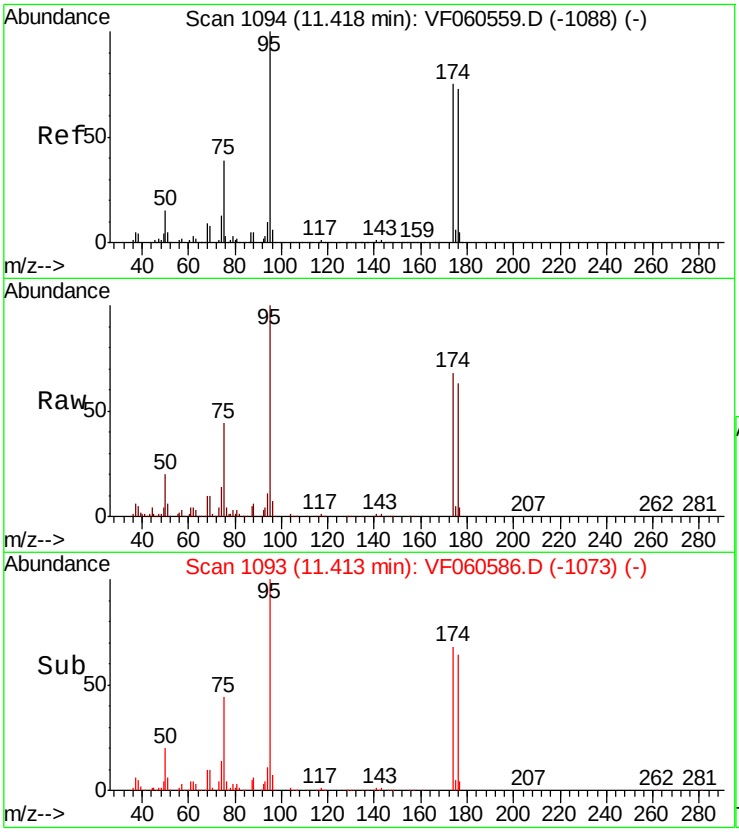


#59
2-Hexanone
Concen: Below Cal
RT: 9.51 min Scan# 900
Delta R.T. 0.02 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Tgt Ion: 43 Resp: 2918

Ion	Ratio	Lower	Upper
43	100		
58	37.8	26.1	78.3



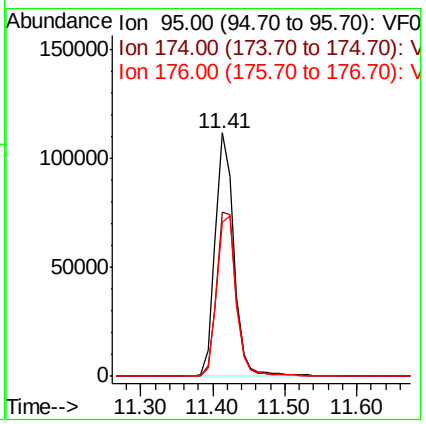


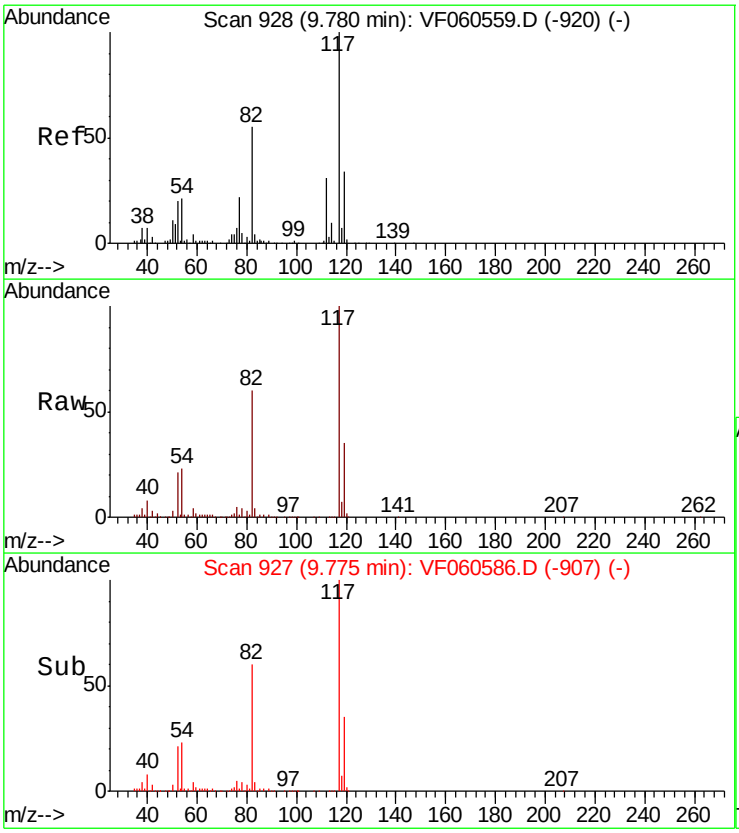
#62
4-Bromofluorobenzene
Concen: 38.257 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion: 95 Resp: 200286

Ion	Ratio	Lower	Upper
95	100		
174	67.5	0.0	149.0
176	63.5	0.0	145.6

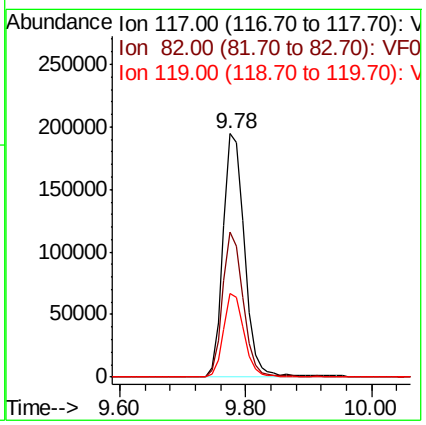


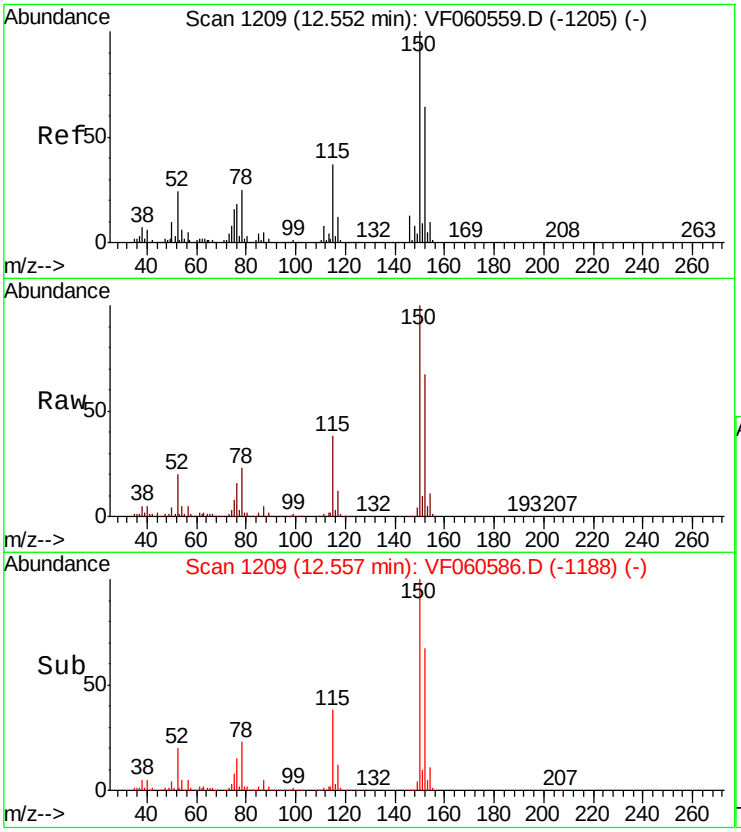


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.00 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Tgt Ion:117 Resp: 460843

Ion	Ratio	Lower	Upper
117	100		
82	59.5	43.9	65.9
119	34.5	27.4	41.0



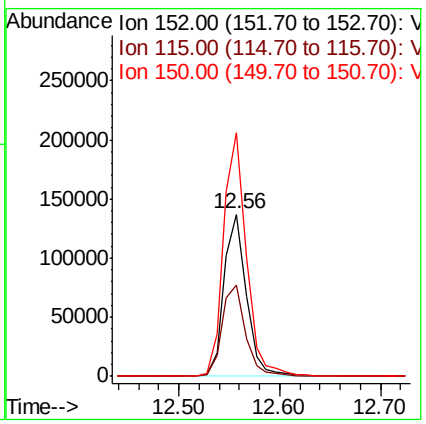


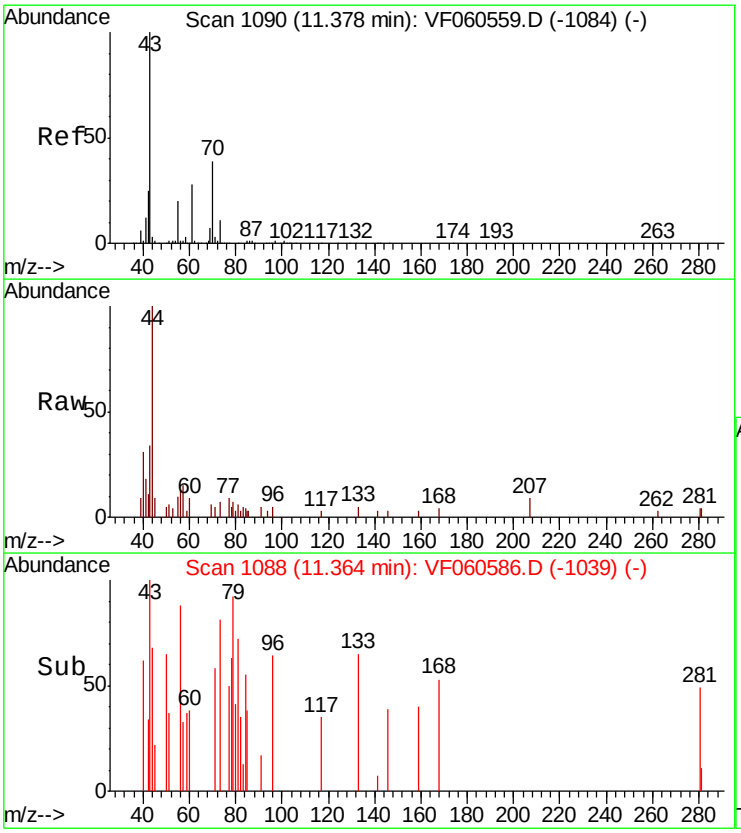
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Instrument :
MSVOA_F
ClientSampleId :

Tgt Ion:152 Resp: 213548

Ion	Ratio	Lower	Upper
152	100		
115	56.4	29.6	88.8
150	150.1	0.0	315.6





#74
N-amyl acetate
Concen: Below Cal
RT: 11.36 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VF060586.D
Acq: 5 Nov 2018 22:06

Tgt Ion: 43 Resp: 801

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.9	46.3#
55	29.6	16.6	24.8#
61	0.0	22.0	33.0#