Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF082018\
Data File : VF060021.D
Acq On : 21 Aug 2018 00:02
Operator : VA/AP
Sample : J4524-02
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : Y-1803

Quant Time: Aug 21 04:30:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	211282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	306491	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	299493	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	176151	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	152115	37.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 74.60%			
35) Dibromofluoromethane	4.30	113	5035	1.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 3.22%			
50) Toluene-d8	7.72	98	339568	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.50%			
62) 4-Bromofluorobenzene	11.51	95	170104	39.79	ug/l	-0.01
Spiked Amount 50.000			Recovery = 79.58%			
Target Compounds						Qvalue
3) Chloromethane	1.09	50	932	Below Cal	#	81
5) Bromomethane	1.32	94	865	Below Cal	#	52
11) Tert butyl alcohol	2.68	59	316	1.33	ug/l #	76
13) Acrolein	2.22	56	66	13.05	ug/l	83
16) Acetone	2.33	43	4606	Below Cal	#	92
18) Methyl Acetate	2.41	43	154	Below Cal	#	63
20) Methylene Chloride	2.28	84	7025	Below Cal		95
39) Methylcyclohexane	5.77	83	3611	1.38	ug/l #	37
49) 1,4-Dioxane	6.78	88	63	61.67	ug/l #	25
51) 4-Methyl-2-Pentanone	8.42	43	2435	1.23	ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.73	63	458	2.66	ug/l	100
68) m/p-Xylenes	10.27	106	12491	3.36	ug/l	86
69) o-Xylene	10.83	106	7228	1.90	ug/l	78
80) 1,3,5-Trimethylbenzene	11.91	105	24536	2.57	ug/l	91
84) 1,2,4-Trimethylbenzene	12.29	105	80276	7.98	ug/l	96
86) p-Isopropyltoluene	12.52	119	12935	1.18	ug/l	87
89) n-Butylbenzene	12.92	91	11645	1.10	ug/l	82
95) Naphthalene	14.53	128	9311	1.51	ug/l #	96

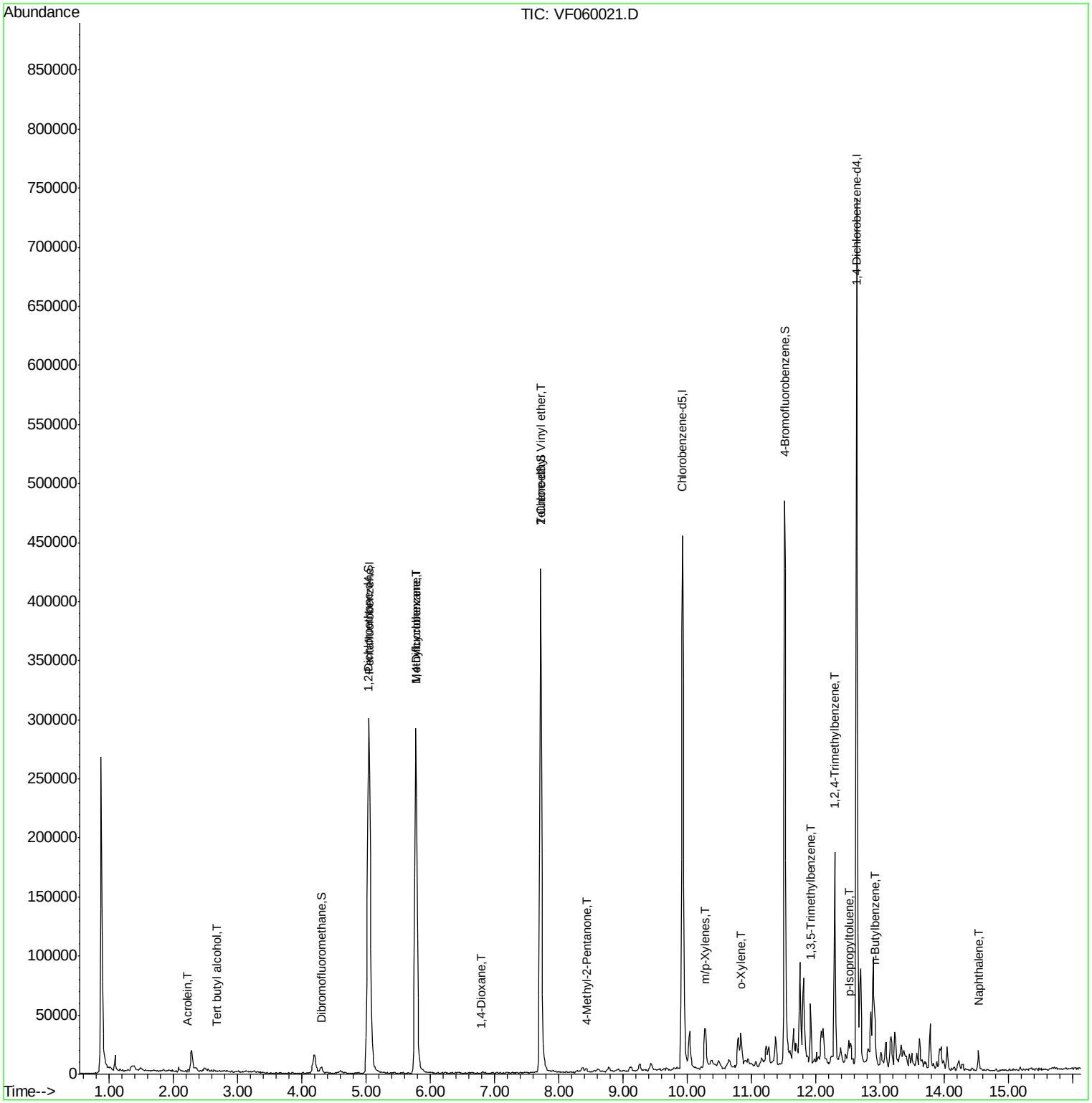
(#) = qualifier out of range (m) = manual integration (+) = signals summed

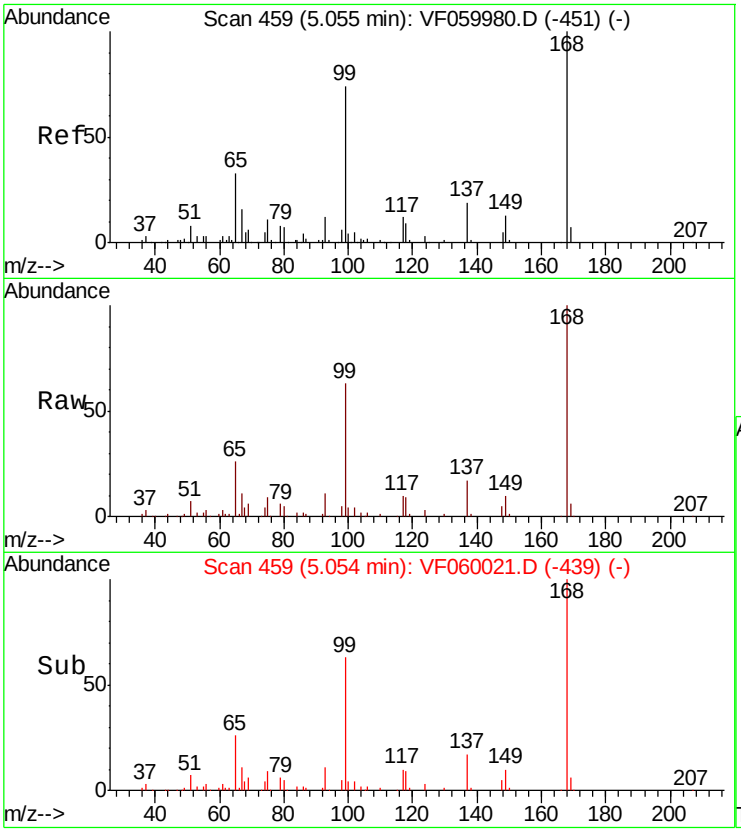
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082018\
Data File : VF060021.D
Acq On : 21 Aug 2018 00:02
Operator : VA/AP
Sample : J4524-02
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
Y-1803

Quant Time: Aug 21 04:30:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:11:02 2018
Response via : Initial Calibration



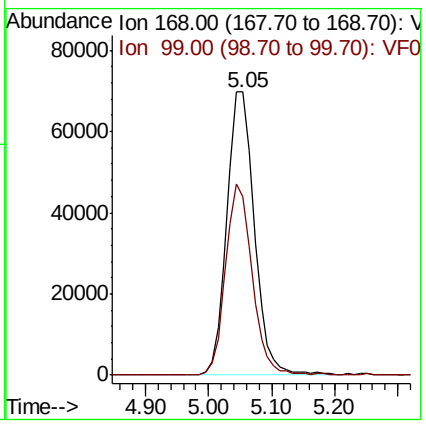


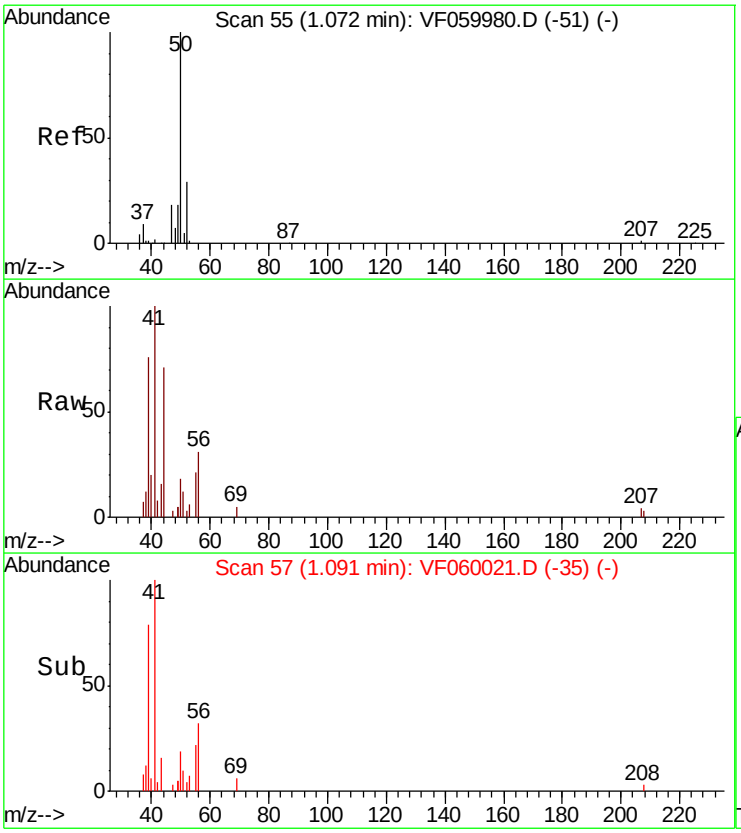
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.05 min Scan# 459
Delta R.T. -0.00 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Instrument :
MSVOA_F
ClientSampleId :
Y-1803

Tgt Ion:168 Resp: 211282

Ion	Ratio	Lower	Upper
168	100		
99	62.8	59.0	88.6

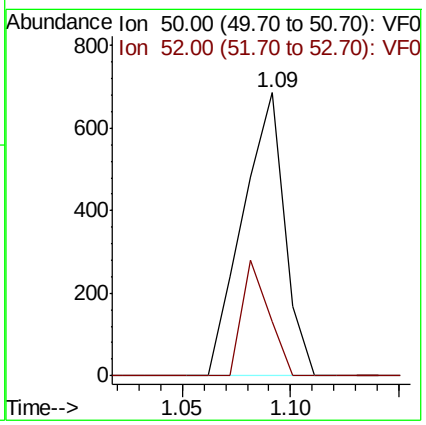


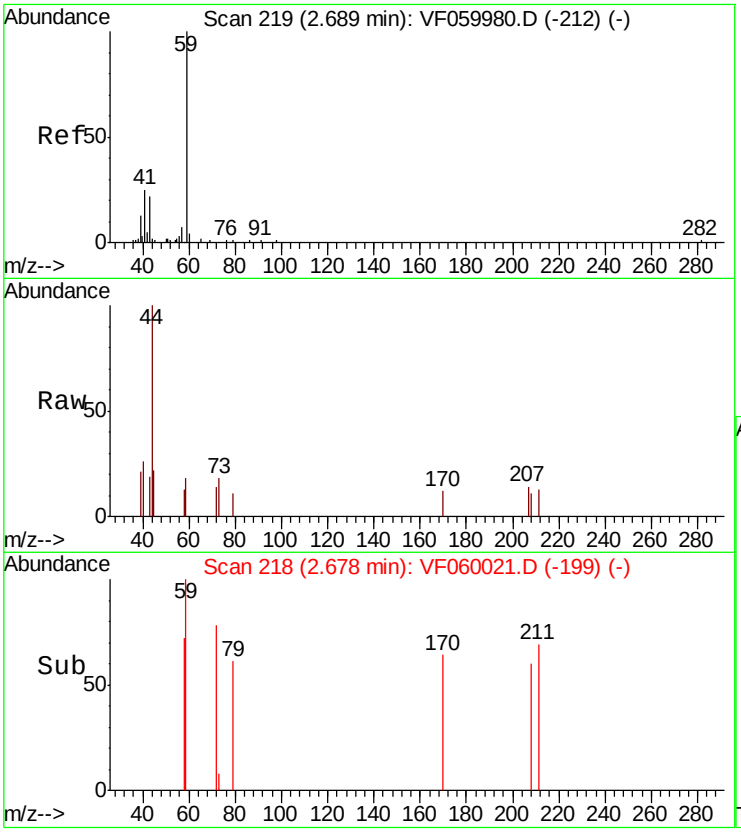


#3
Chloromethane
Concen: Below Cal
RT: 1.09 min Scan# 57
Delta R.T. 0.02 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Tgt Ion: 50 Resp: 932

Ion	Ratio	Lower	Upper
50	100		
52	19.1	23.6	35.4#



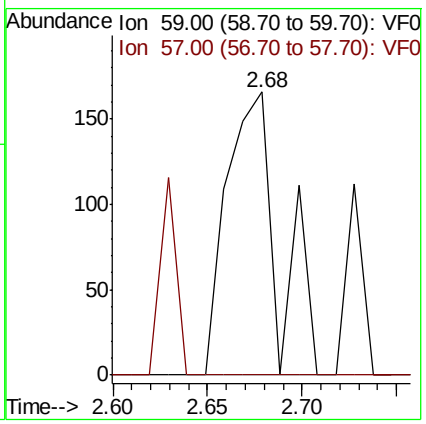


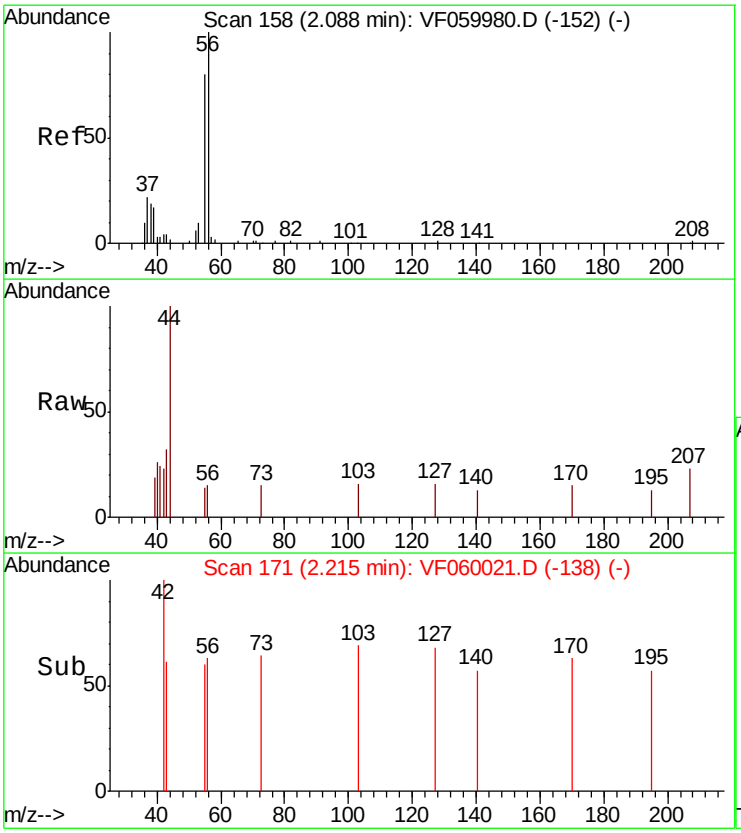
#11
Tert butyl alcohol
Concen: 1.33 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.01 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Instrument : MSVOA_F
ClientSampleId : Y-1803

Tgt Ion: 59 Resp: 316

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.8	10.2#

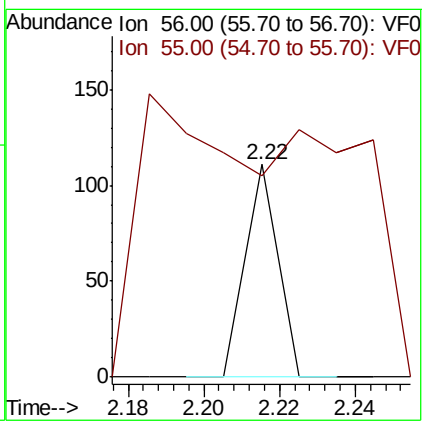


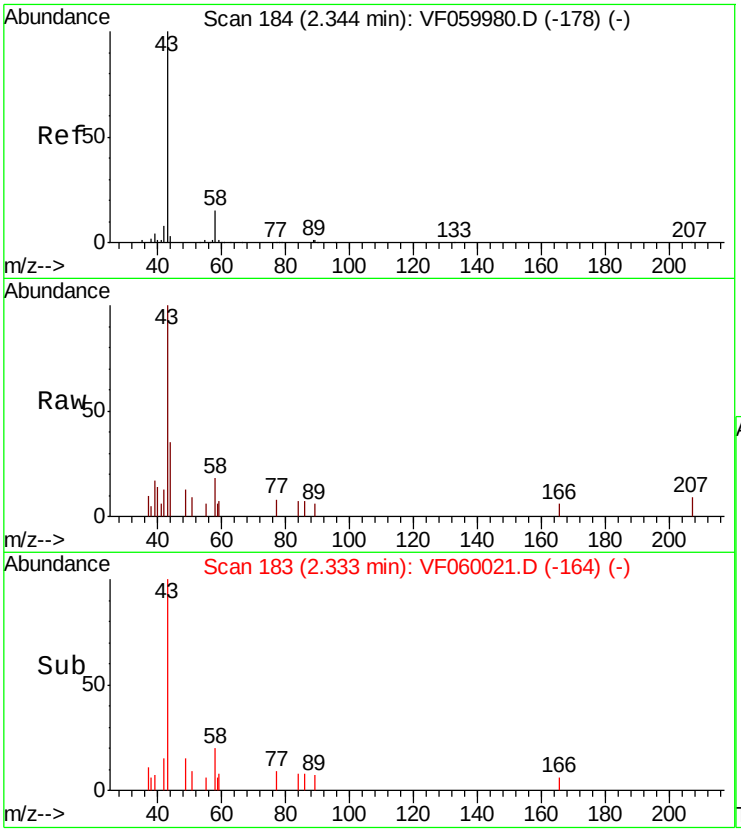


#13
Acrolein
Concen: 13.05 ug/l
RT: 2.22 min Scan# 171
Delta R.T. 0.13 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Tgt Ion: 56 Resp: 66

Ion	Ratio	Lower	Upper
56	100		
55	94.6	63.8	95.6



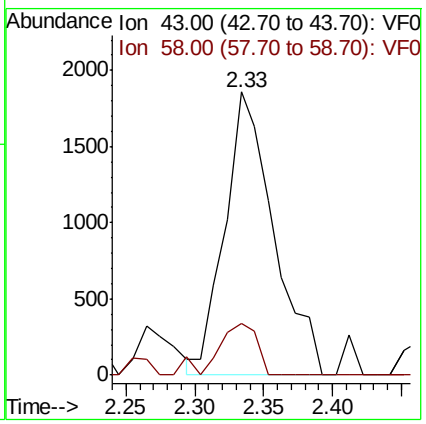


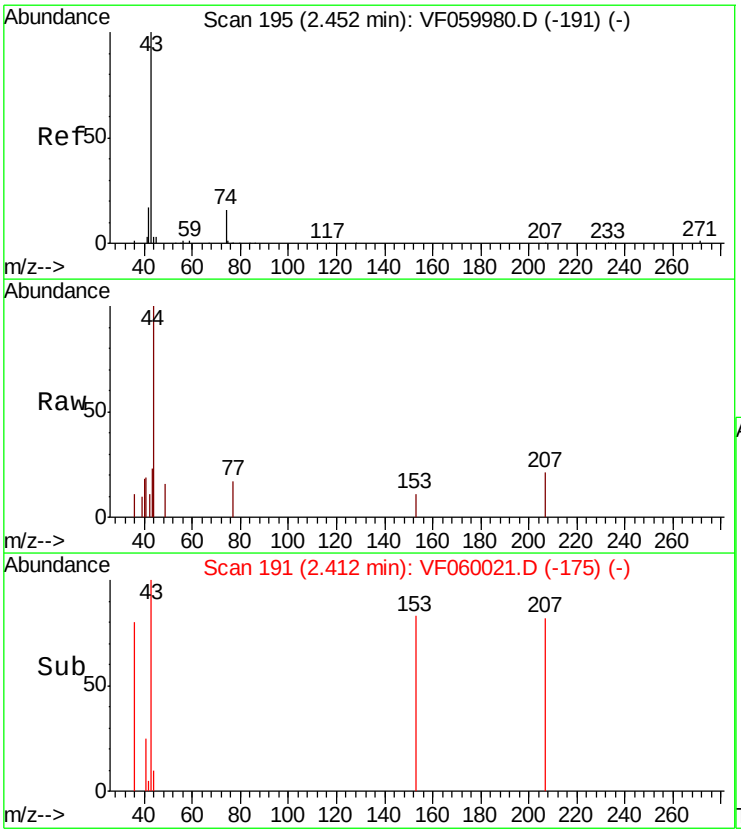
#16
Acetone
Concen: Below Cal
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Instrument : MSVOA_F
ClientSampleId : Y-1803

Tgt Ion: 43 Resp: 4606

Ion	Ratio	Lower	Upper
43	100		
58	18.3	11.9	17.9#

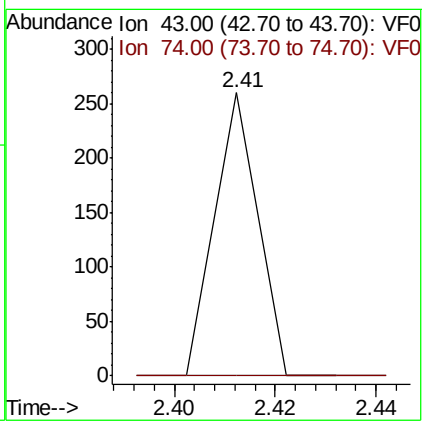


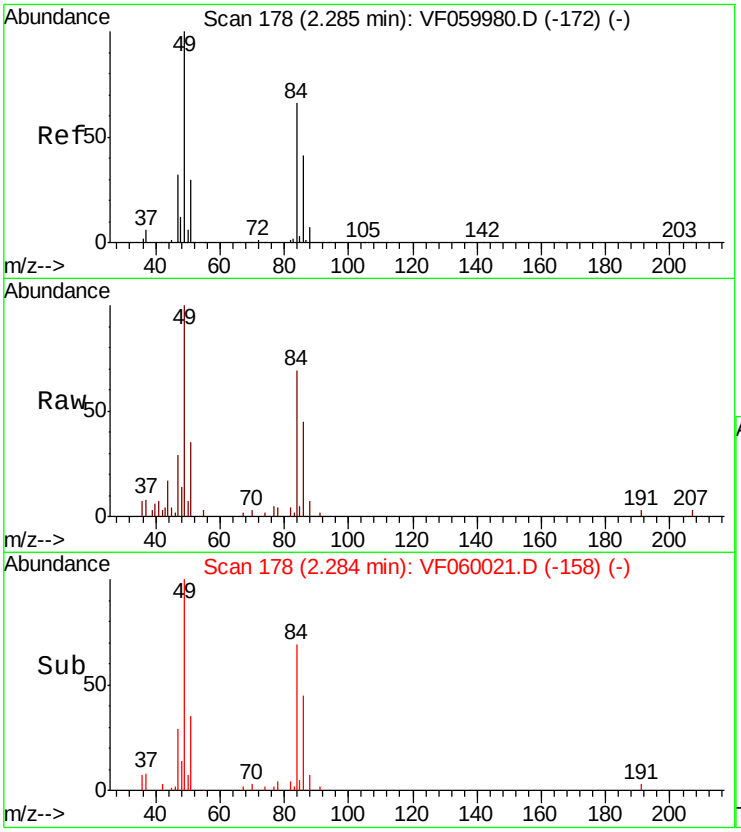


#18
Methyl Acetate
Concen: Below Cal
RT: 2.41 min Scan# 191
Delta R.T. -0.04 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Tgt Ion: 43 Resp: 154

Ion	Ratio	Lower	Upper
43	100		
74	0.0	12.3	18.5#



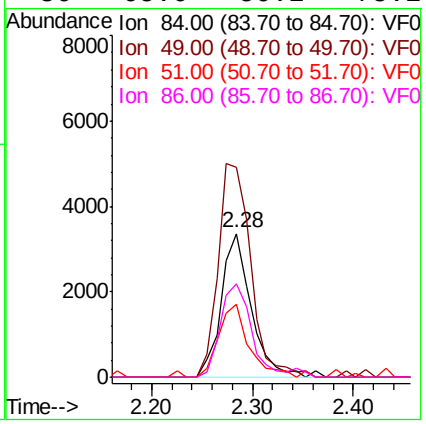


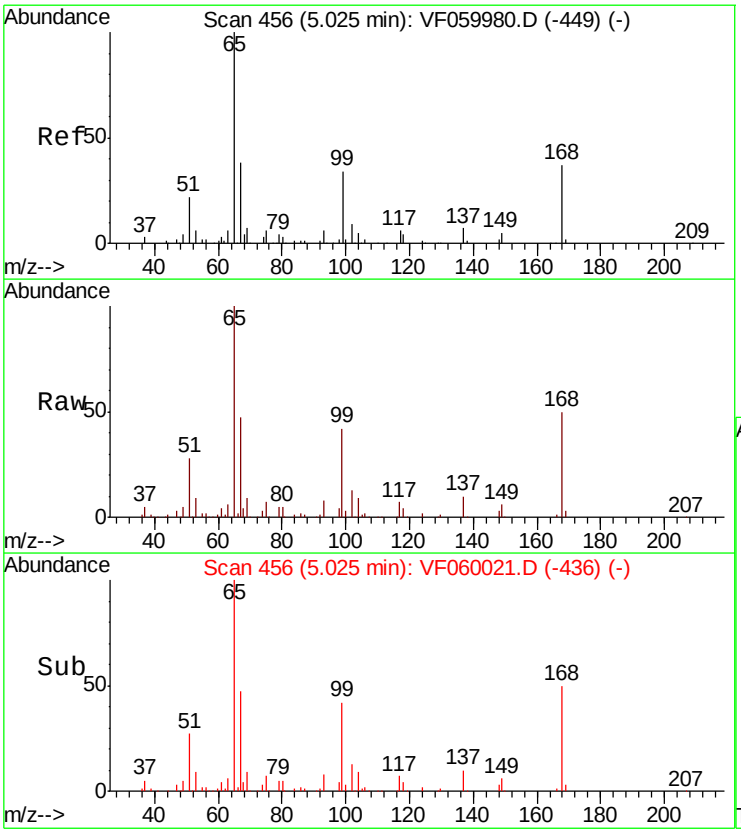
#20
Methylene Chloride
Concen: Below Cal
RT: 2.28 min Scan# 178
Delta R.T. 0.00 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Instrument : MSVOA_F
ClientSampleId : Y-1803

Tgt Ion: 84 Resp: 7025

Ion	Ratio	Lower	Upper
84	100		
49	145.9	122.5	183.7
51	50.9	37.1	55.7
86	65.0	50.2	75.2

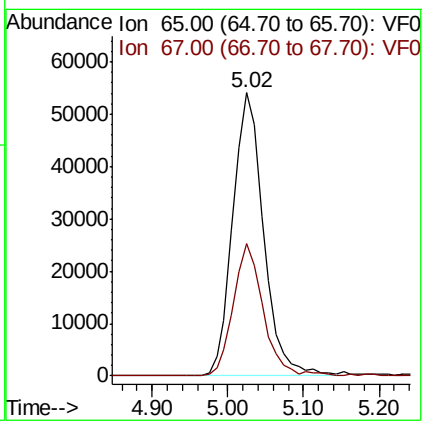


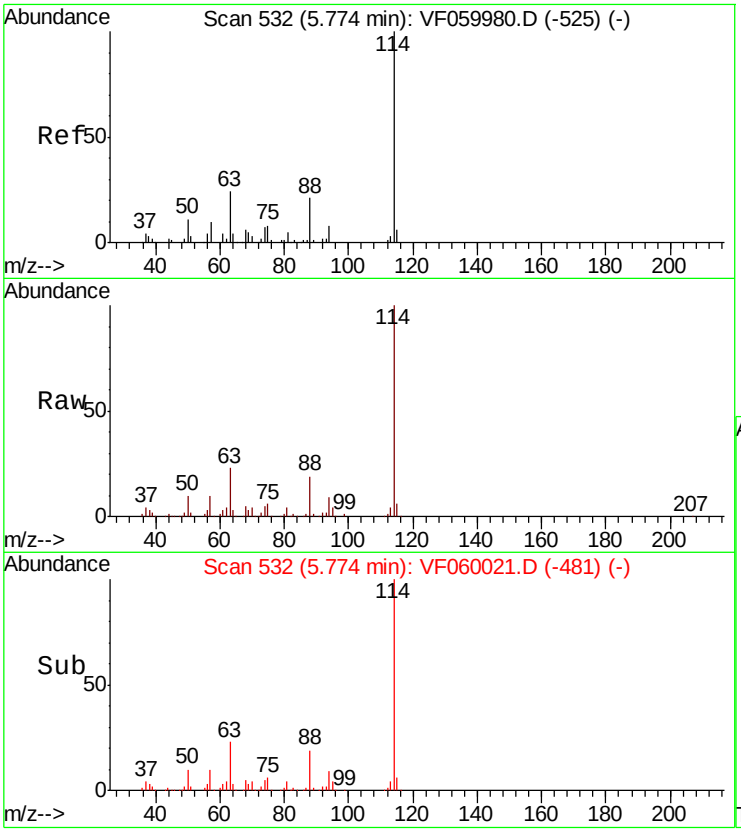


#33
1,2-Dichloroethane-d4
Concen: 37.30 ug/l
RT: 5.02 min Scan# 456
Delta R.T. -0.00 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Tgt Ion: 65 Resp: 152115

Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	82.6



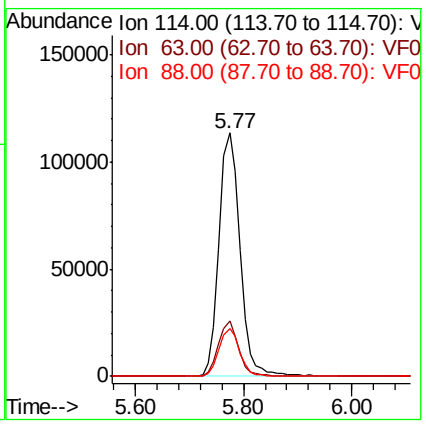


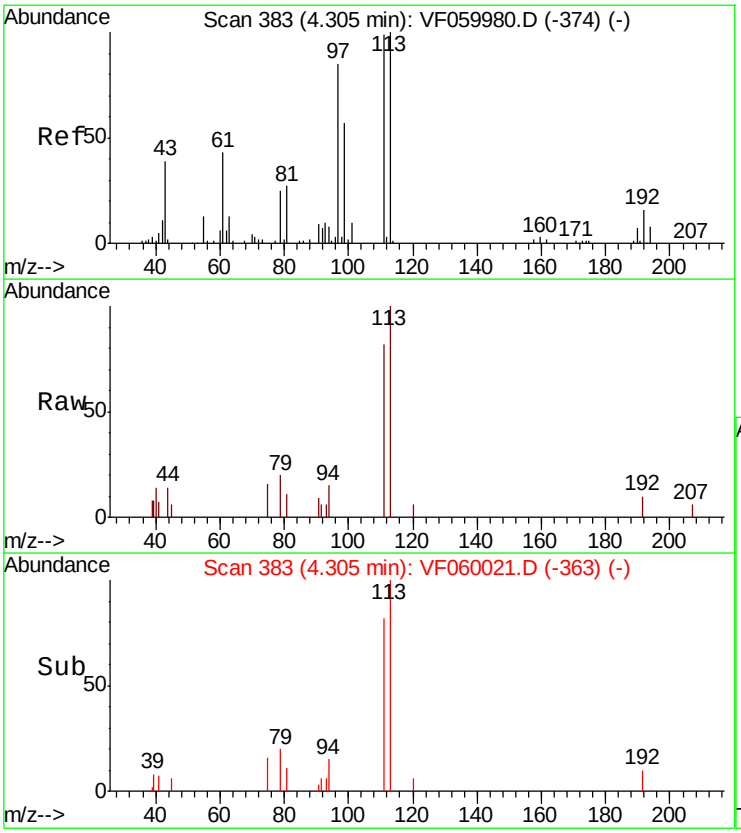
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.77 min Scan# 532
Delta R.T. -0.00 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Instrument :
MSVOA_F
ClientSampleId :
Y-1803

Tgt Ion:114 Resp: 306491

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	48.6
88	19.4	0.0	42.8

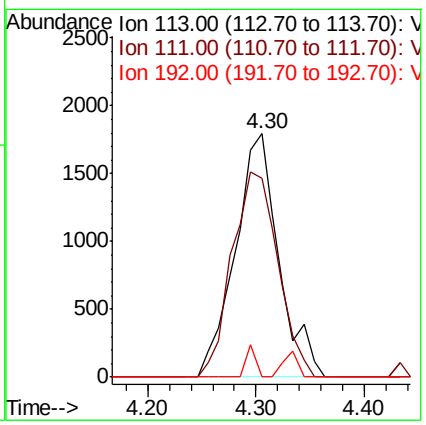


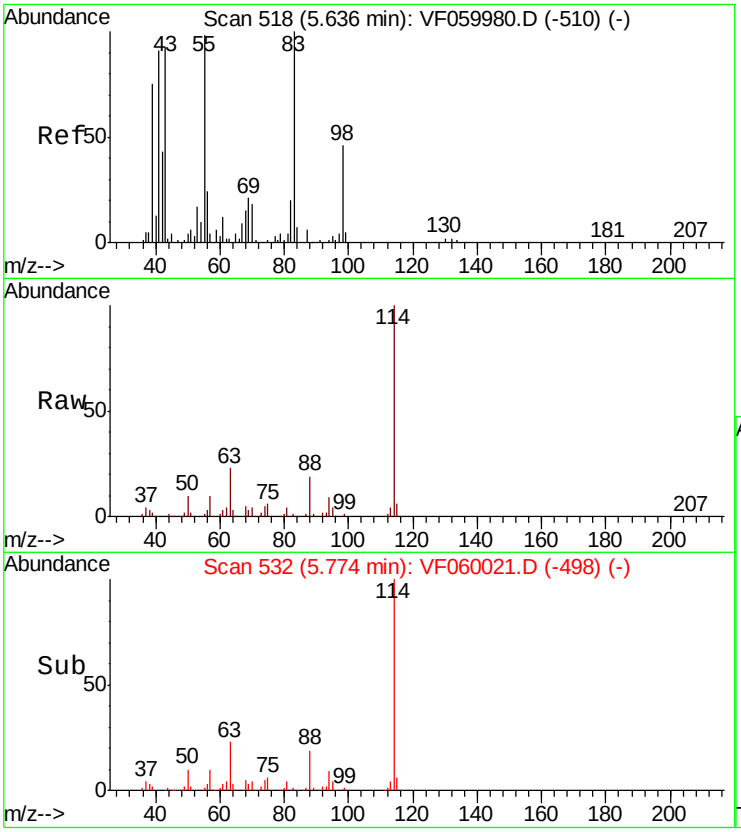


#35
Dibromofluoromethane
Concen: 1.61 ug/l
RT: 4.30 min Scan# 383
Delta R.T. -0.00 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Tgt Ion:113 Resp: 5035

Ion	Ratio	Lower	Upper
113	100		
111	81.7	79.5	119.3
192	0.0	12.4	18.6#



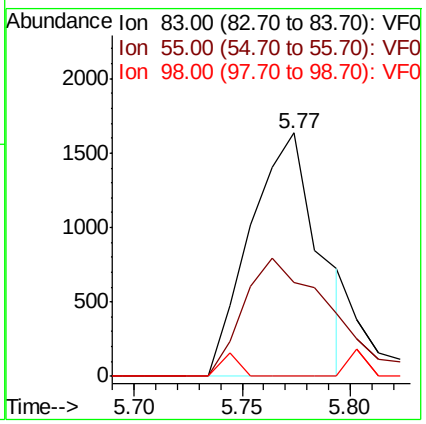


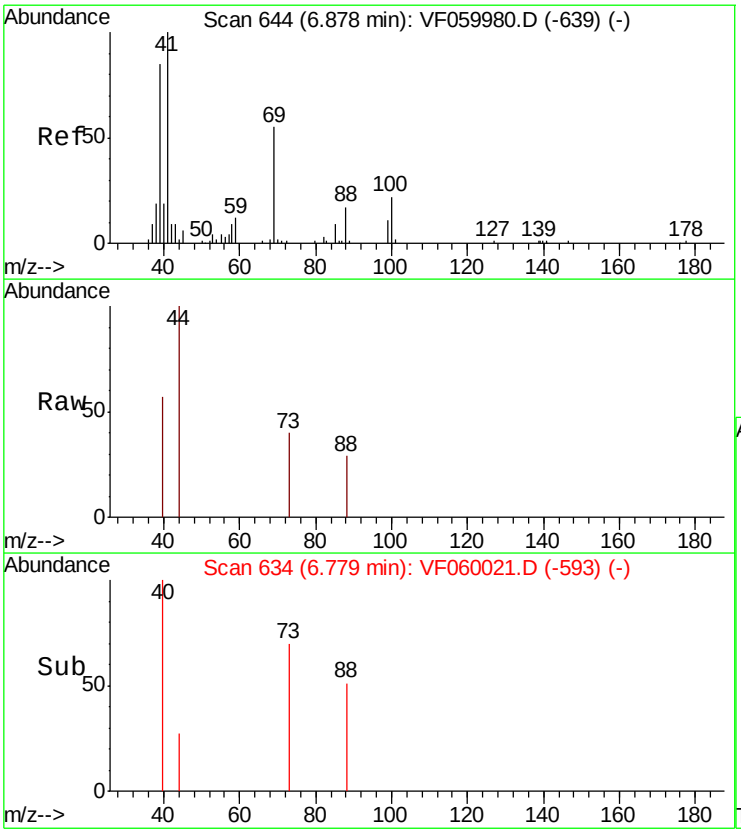
#39
Methylcyclohexane
Concen: 1.38 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.14 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Instrument : MSVOA_F
ClientSampleId : Y-1803

Tgt Ion: 83 Resp: 3611

Ion	Ratio	Lower	Upper
83	100		
55	38.4	78.8	118.2#
98	0.0	36.8	55.2#

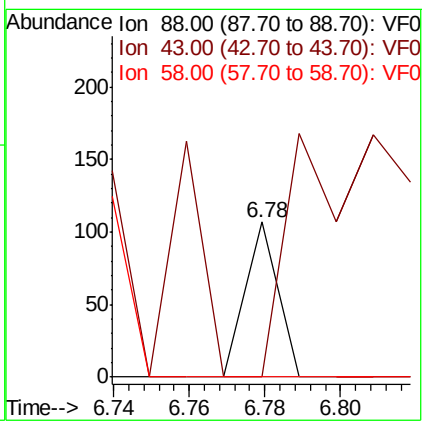


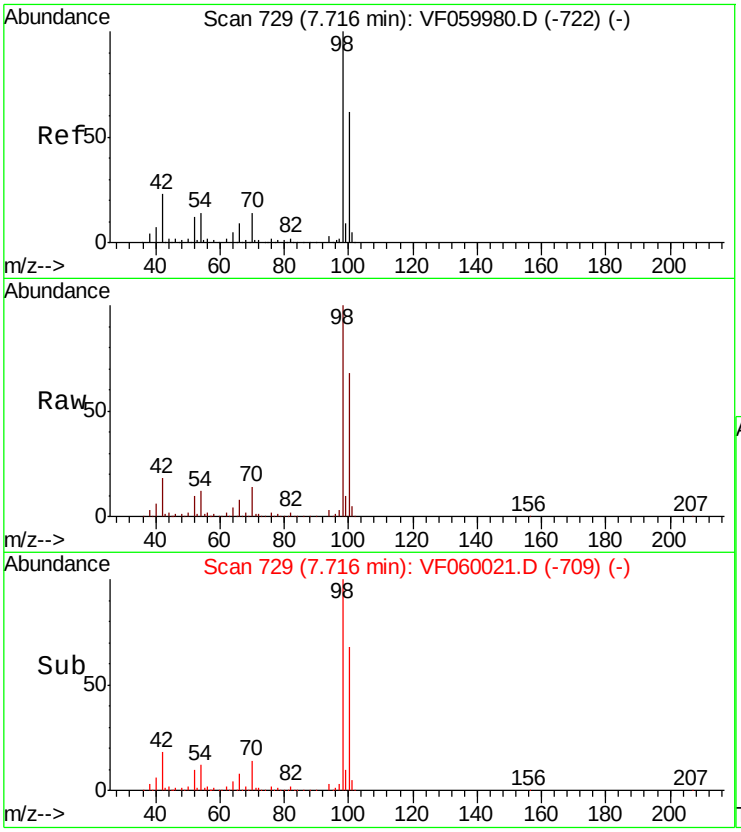


#49
1,4-Dioxane
Concen: 61.67 ug/l
RT: 6.78 min Scan# 634
Delta R.T. -0.10 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Tgt Ion: 88 Resp: 63

Ion	Ratio	Lower	Upper
88	100		
43	0.0	43.2	64.8#
58	0.0	42.0	63.0#



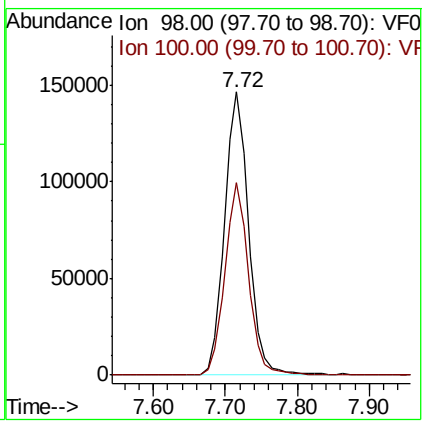


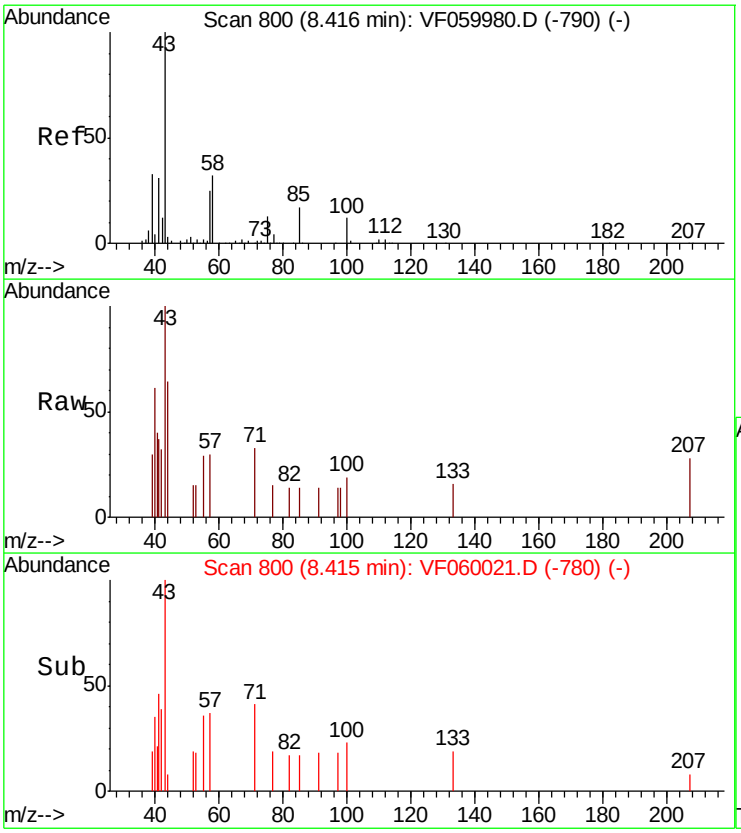
#50
Toluene-d8
Concen: 48.75 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.00 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Instrument :
MSVOA_F
ClientSampleId :
Y-1803

Tgt Ion: 98 Resp: 339568

Ion	Ratio	Lower	Upper
98	100		
100	68.1	49.8	74.8

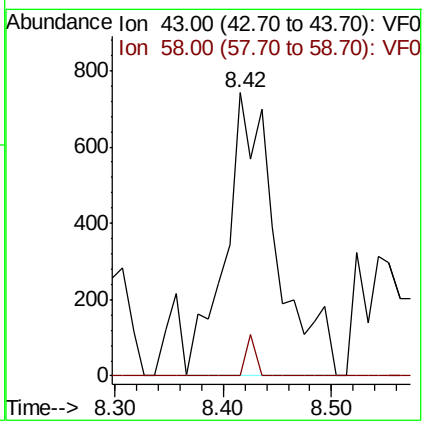


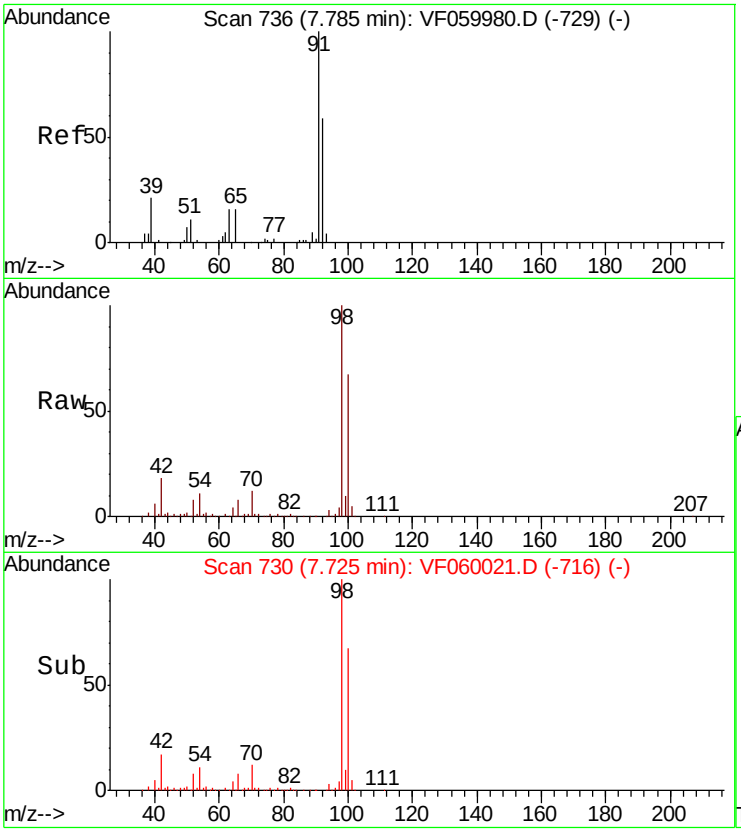


#51
4-Methyl-2-Pentanone
Concen: 1.23 ug/l
RT: 8.42 min Scan# 800
Delta R.T. -0.00 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Tgt Ion: 43 Resp: 2435

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.6	38.4#



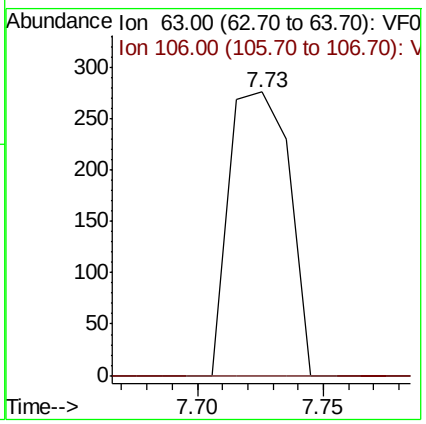


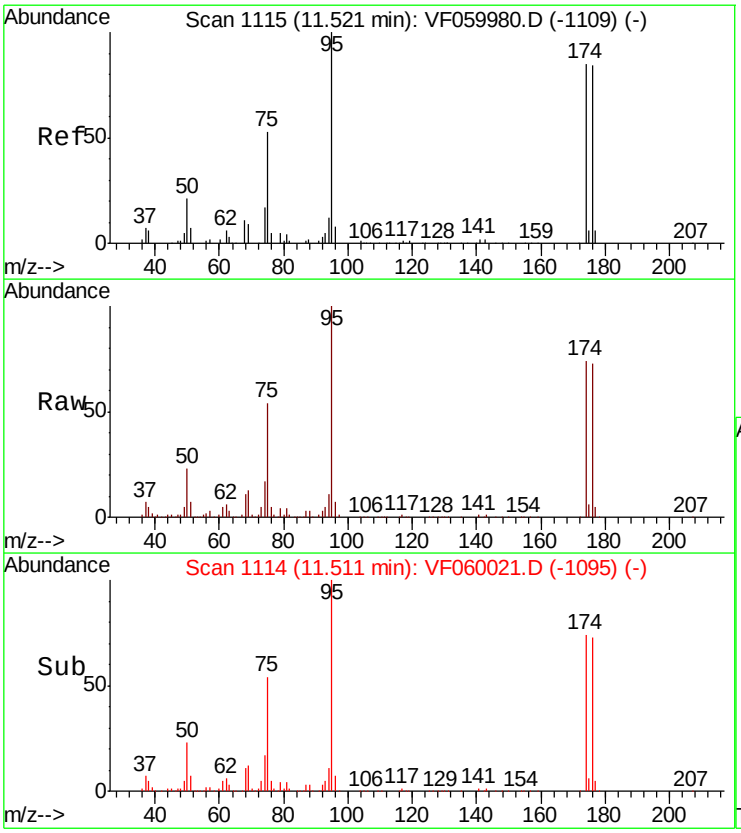
#58
2-Chloroethyl Vinyl ether
Concen: 2.66 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.06 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Instrument : MSVOA_F
ClientSampleId : Y-1803

Tgt Ion: 63 Resp: 458

Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

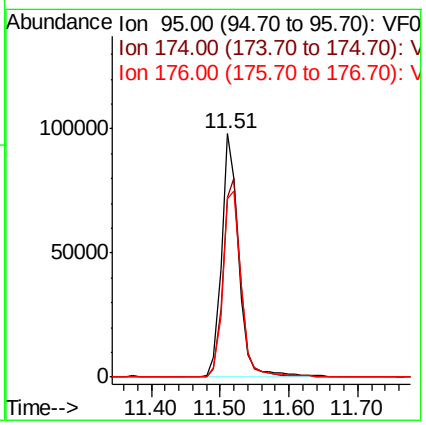


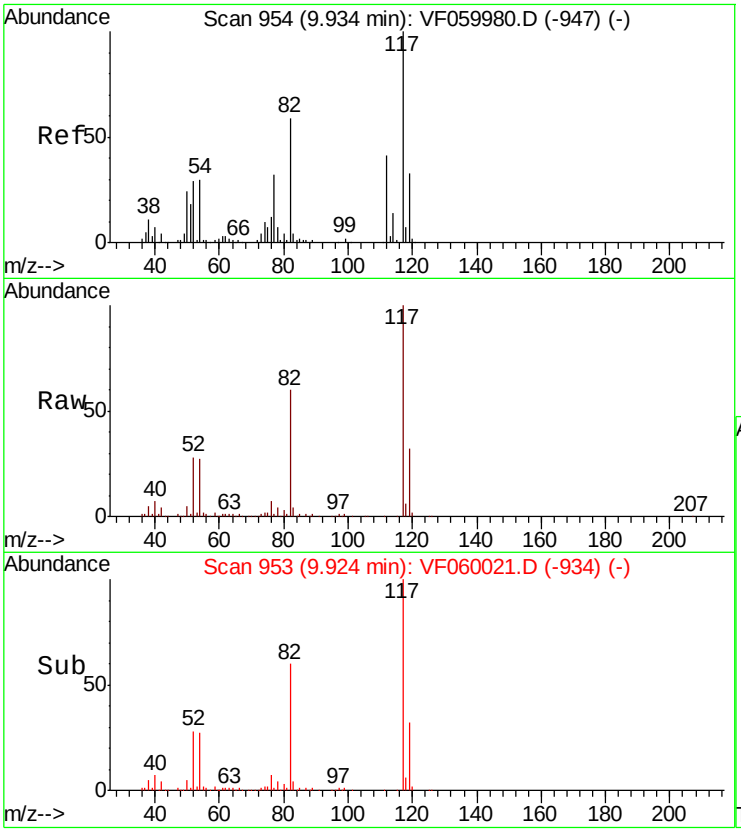


#62
4-Bromofluorobenzene
Concen: 39.79 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Tgt Ion: 95 Resp: 170104

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	169.8
176	73.1	0.0	167.8



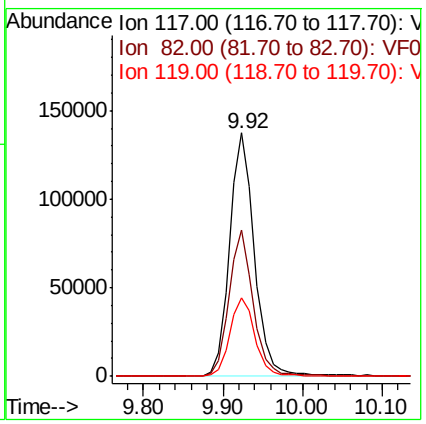


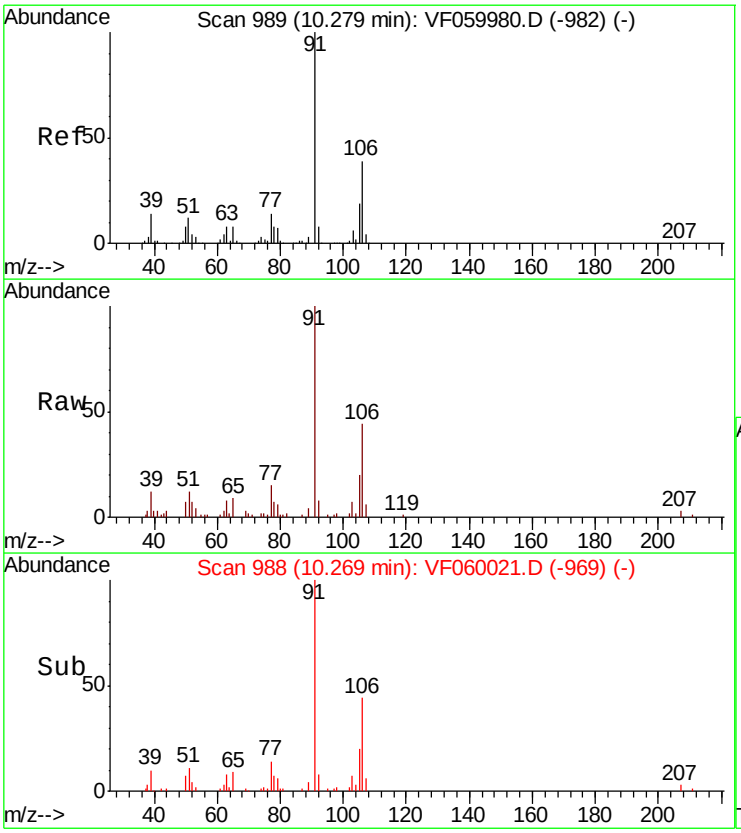
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Instrument : MSVOA_F
ClientSampleId : Y-1803

Tgt Ion:117 Resp: 299493

Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.2	70.8
119	32.1	26.1	39.1

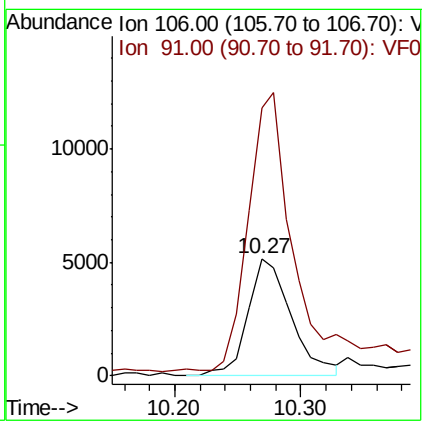


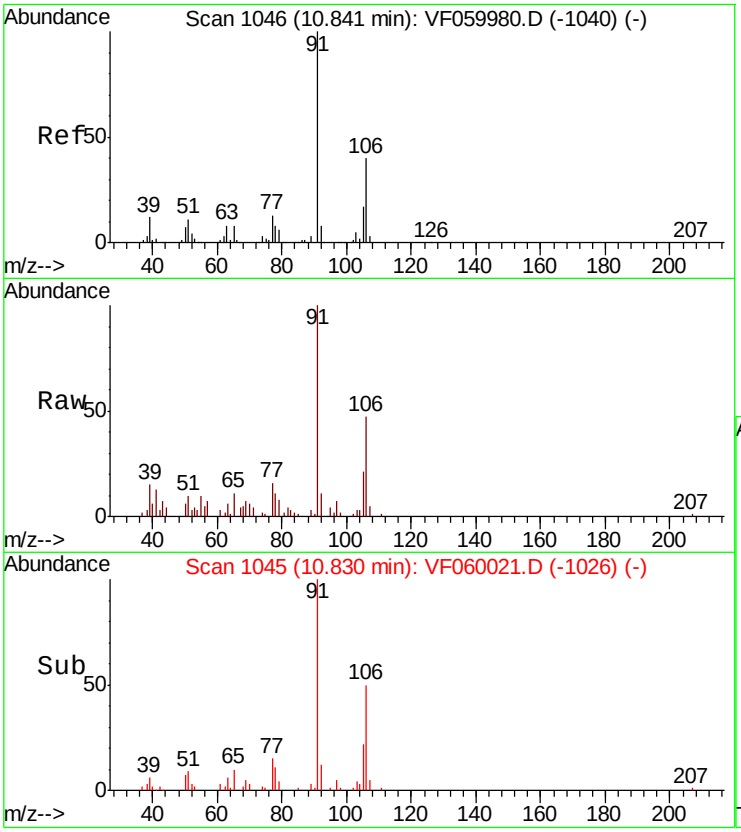


#68
m/p-Xylenes
Concen: 3.36 ug/l
RT: 10.27 min Scan# 988
Delta R.T. -0.01 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Tgt Ion:106 Resp: 12491

Ion	Ratio	Lower	Upper
106	100		
91	229.1	203.5	305.3



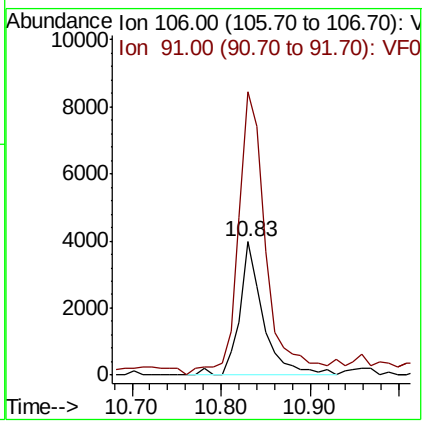


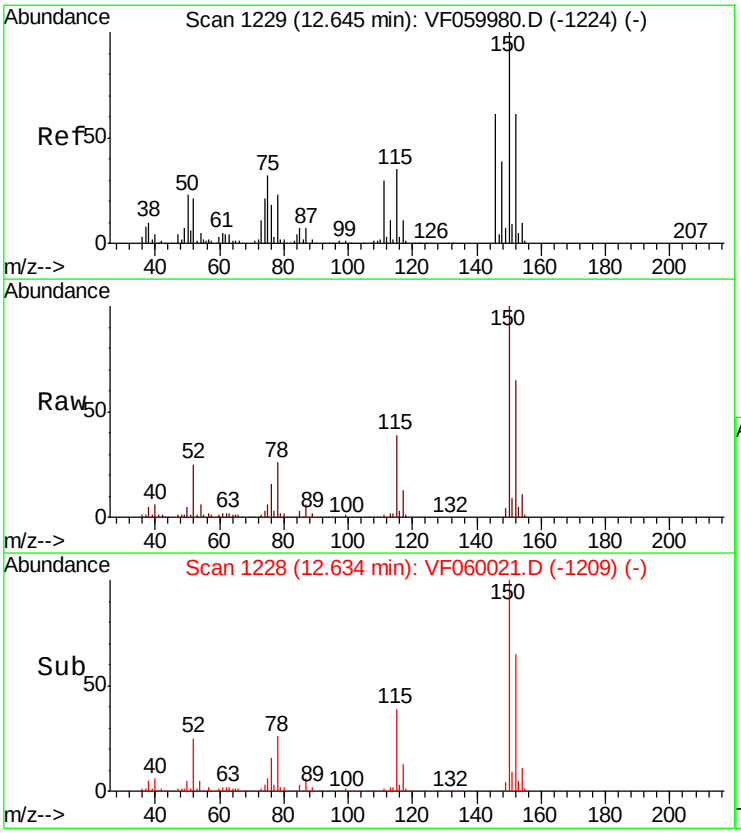
#69
o-Xylene
Concen: 1.90 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. -0.01 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Instrument :
MSVOA_F
ClientSampleId :
Y-1803

Tgt Ion:106 Resp: 7228

Ion	Ratio	Lower	Upper
106	100		
91	212.3	125.4	376.2

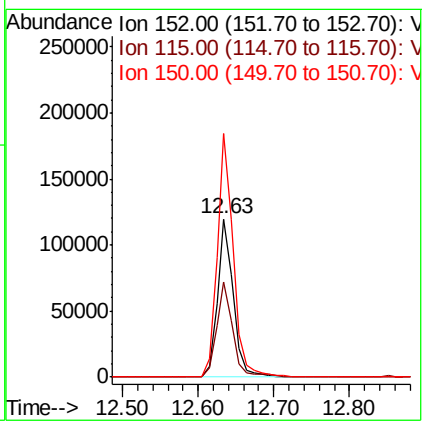


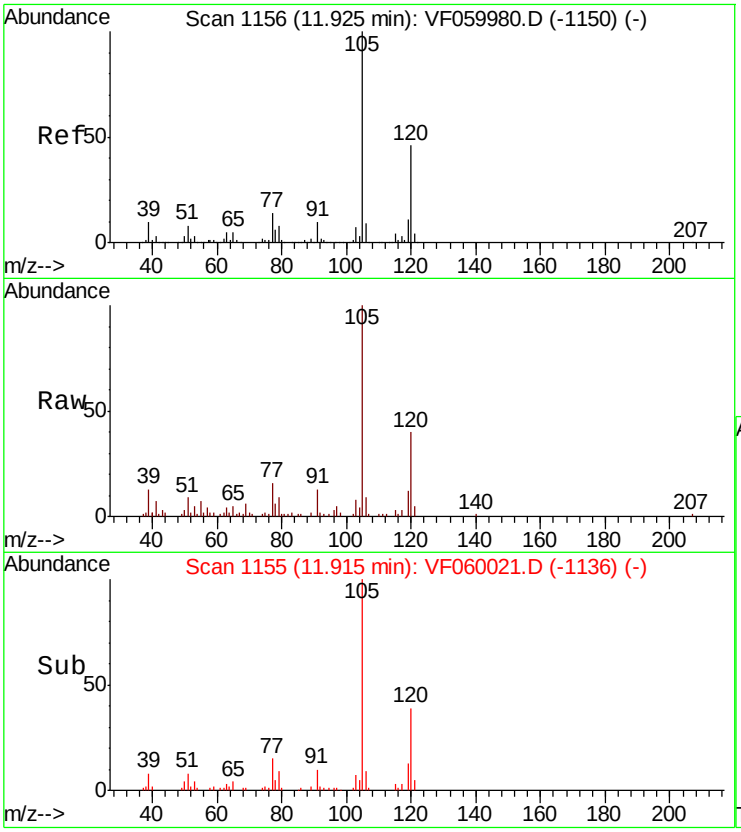


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Tgt Ion:152 Resp: 176151

Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.1	87.3
150	154.1	0.0	330.2



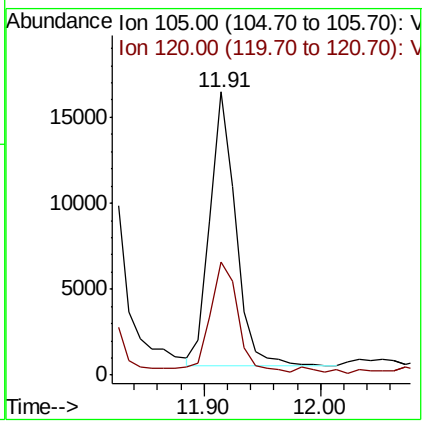


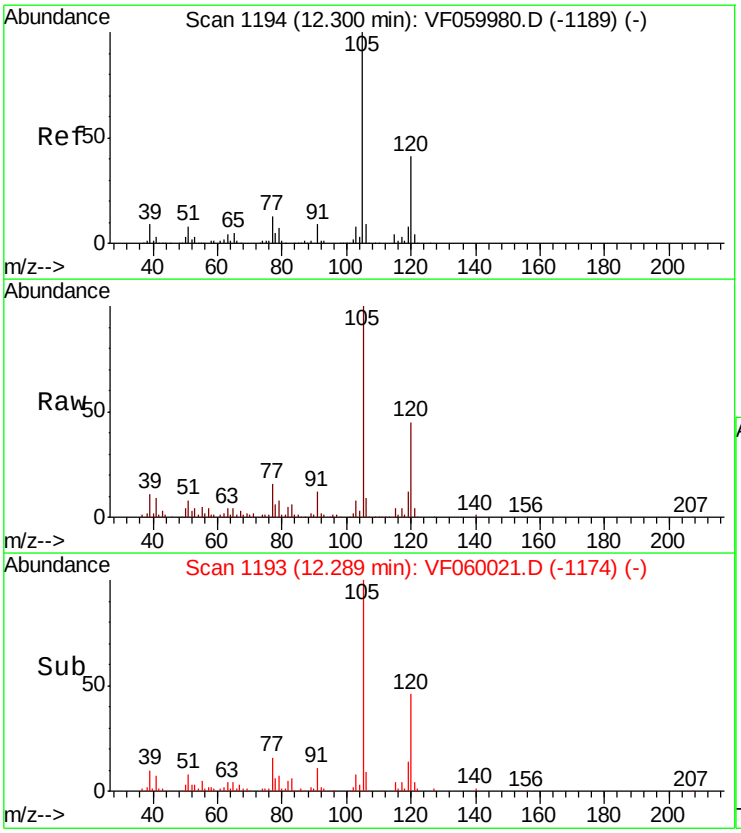
#80
1,3,5-Trimethylbenzene
Concen: 2.57 ug/l
RT: 11.91 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Instrument :
MSVOA_F
ClientSampleId :
Y-1803

Tgt Ion:105 Resp: 24536

Ion	Ratio	Lower	Upper
105	100		
120	40.0	22.9	68.7

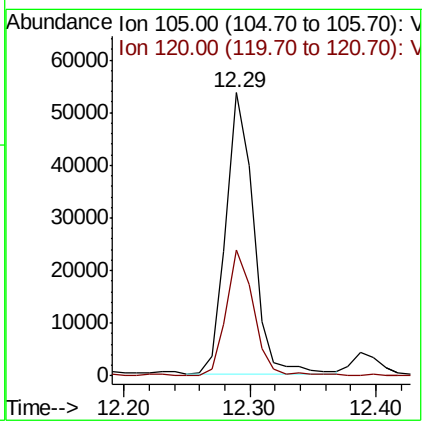


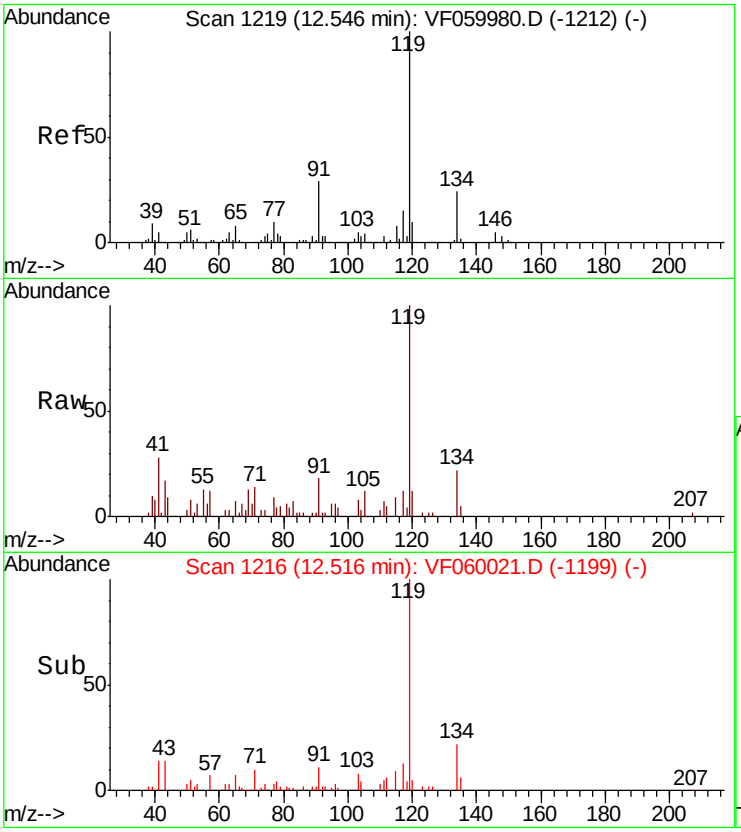


#84
1,2,4-Trimethylbenzene
Concen: 7.98 ug/l
RT: 12.29 min Scan# 1193
Delta R.T. -0.01 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Tgt Ion:105 Resp: 80276

Ion	Ratio	Lower	Upper
105	100		
120	44.5	20.9	62.7



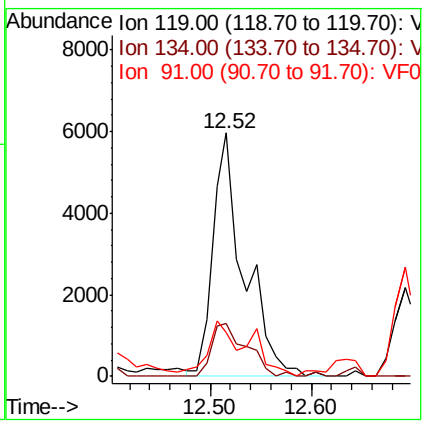


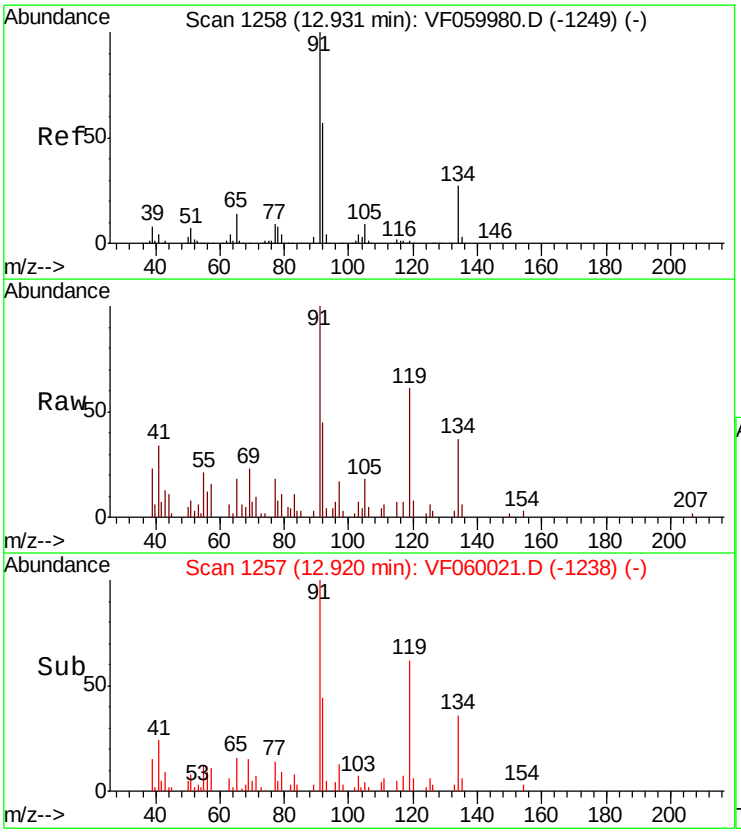
#86
p-Isopropyltoluene
Concen: 1.18 ug/l
RT: 12.52 min Scan# 1216
Delta R.T. -0.03 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Instrument :
MSVOA_F
ClientSampleId :
Y-1803

Tgt Ion:119 Resp: 12935

Ion	Ratio	Lower	Upper
119	100		
134	22.0	12.1	36.3
91	17.9	14.4	43.4

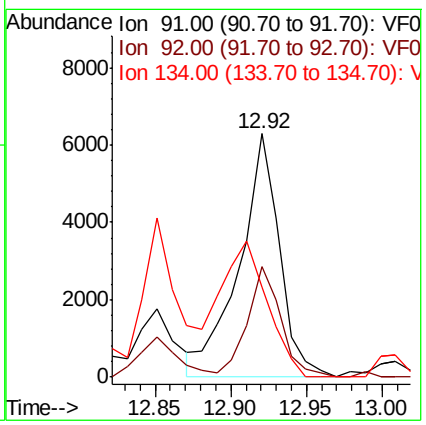


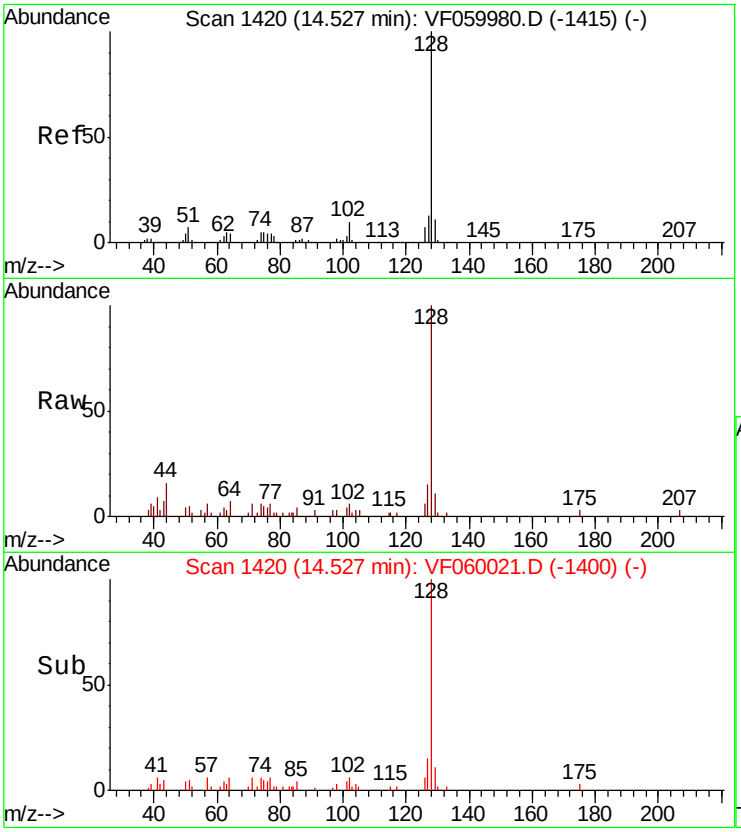


#89
n-Butylbenzene
Concen: 1.10 ug/l
RT: 12.92 min Scan# 1257
Delta R.T. -0.01 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Tgt Ion: 91 Resp: 11645

Ion	Ratio	Lower	Upper
91	100		
92	45.2	28.7	86.3
134	37.2	13.3	39.9





#95
Naphthalene
Concen: 1.51 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. -0.00 min
Lab File: VF060021.D
Acq: 21 Aug 2018 00:02

Instrument :
MSVOA_F
ClientSampleId :
Y-1803

Tgt Ion:128 Resp: 9311

Ion	Ratio	Lower	Upper
128	100		
127	15.4	10.2	15.2#
129	11.0	9.0	13.4