Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121118\
Data File : VF060991.D
Acq On : 11 Dec 2018 22:17
Operator : VA/AP
Sample : J6316-11
Misc : 5.34g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

Quant Time: Dec 12 06:30:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	58889	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.60	114	86399	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.78	117	58627	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.56	152	18441	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	20257	29.20	ug/l	-0.03
Spiked Amount 50.000			Recovery = 58.40%			
35) Dibromofluoromethane	4.12	113	24556	35.83	ug/l	-0.03
Spiked Amount 50.000			Recovery = 71.66%			
50) Toluene-d8	7.56	98	63765	31.58	ug/l	-0.03
Spiked Amount 50.000			Recovery = 63.16%			
62) 4-Bromofluorobenzene	11.41	95	20941	22.82	ug/l	-0.02
Spiked Amount 50.000			Recovery = 45.64%			
Target Compounds						Qvalue
3) Chloromethane	1.07	50	1022	1.784	ug/l #	87
8) Diethyl Ether	1.64	74	225	1.365	ug/l	77
11) Tert butyl alcohol	2.55	59	74	2.602	ug/l #	62
13) Acrolein	1.84	56	561	20.821	ug/l	96
15) Acrylonitrile	2.95	53	521	8.172	ug/l #	35
16) Acetone	2.24	43	1574	12.304	ug/l #	65
18) Methyl Acetate	2.24	43	1574	5.877	ug/l	97
20) Methylene Chloride	2.21	84	1205	2.568	ug/l #	60
25) 2-Butanone	4.34	43	236	1.067	ug/l #	57
29) Tetrahydrofuran	4.10	42	157	1.674	ug/l #	37
41) Methacrylonitrile	4.78	41	261	Below Cal	#	49
43) Isopropyl Acetate	6.95	43	219	Below Cal	#	49
51) 4-Methyl-2-Pentanone	8.28	43	887	2.470	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.26	63	83	1.686	ug/l #	46
59) 2-Hexanone	9.51	43	278	1.103	ug/l #	27
92) 1,2-Dibromo-3-Chloropropan	13.69	75	70	1.510	ug/l #	1
95) Naphthalene	14.46	128	461	Below Cal	#	69

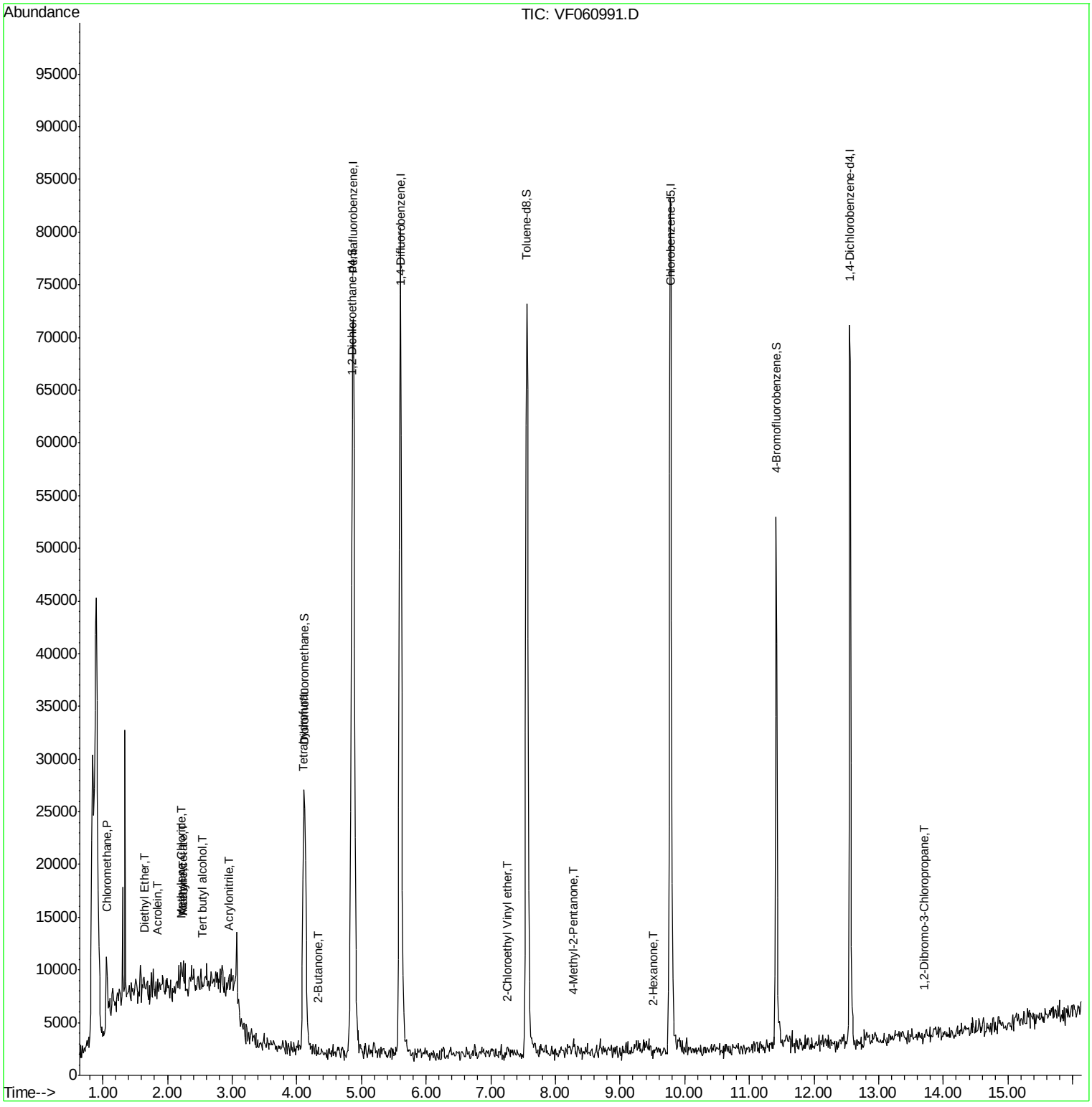
(#) = qualifier out of range (m) = manual integration (+) = signals summed

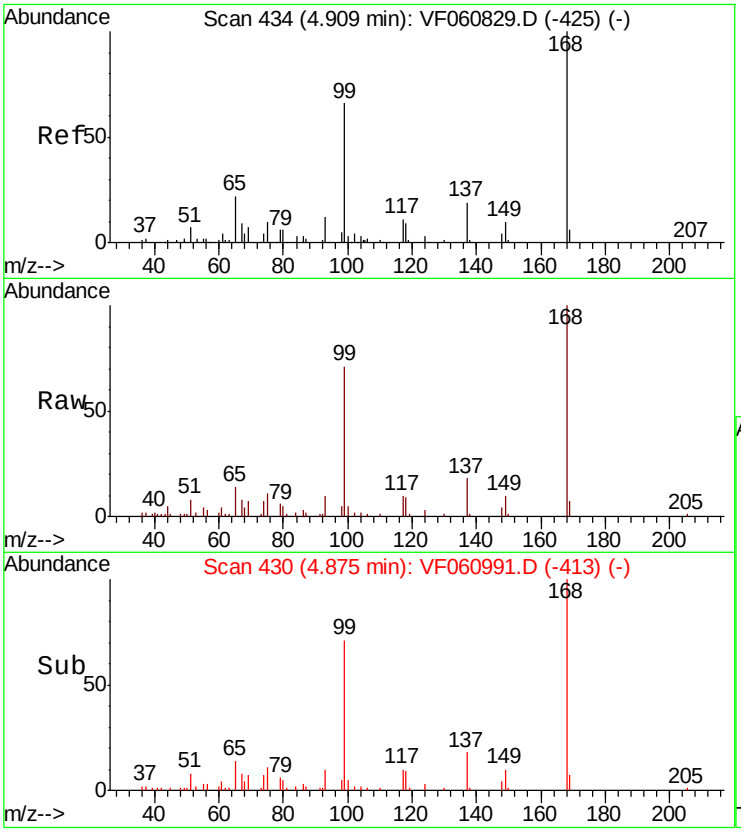
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121118\
Data File : VF060991.D
Acq On : 11 Dec 2018 22:17
Operator : VA/AP
Sample : J6316-11
Misc : 5.34g/5mL/MSVOA-F/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Quant Time: Dec 12 06:30:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration



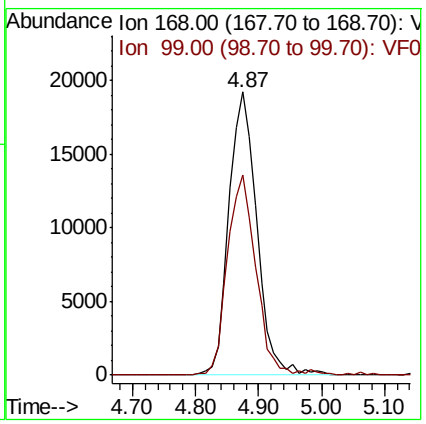


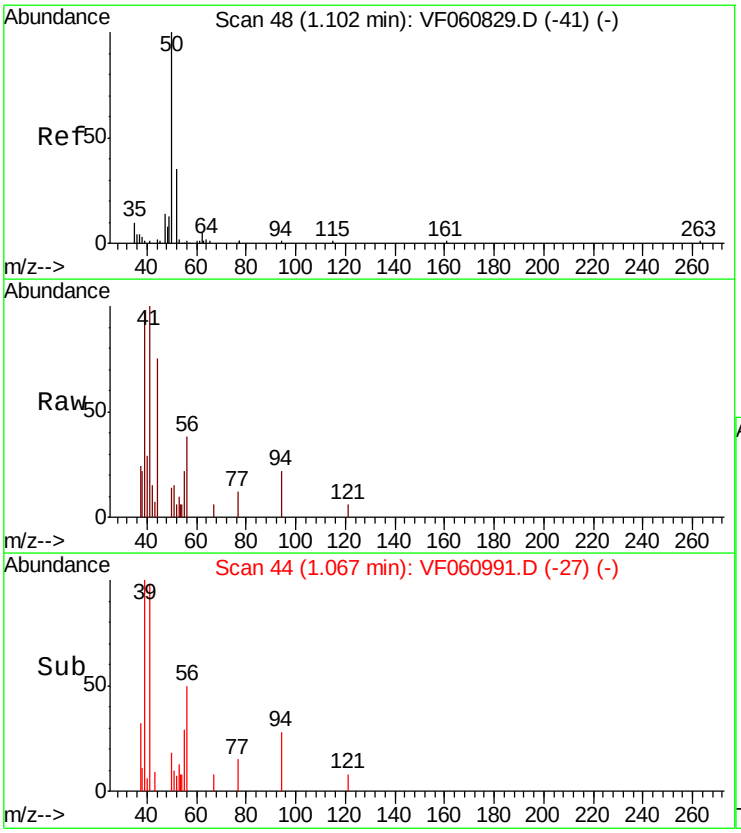
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. -0.03 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion:168 Resp: 58889

Ion	Ratio	Lower	Upper
168	100		
99	70.7	52.6	79.0

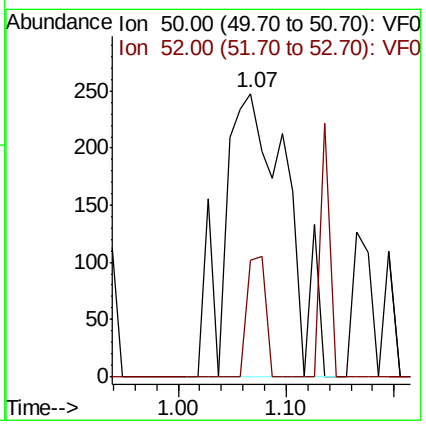


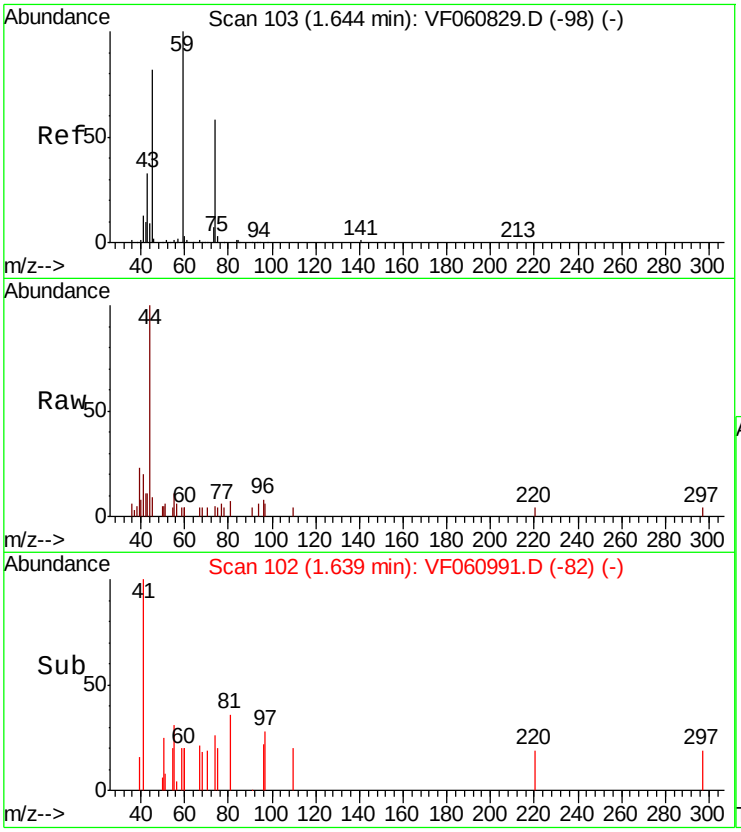


#3
Chloromethane
Concen: 1.784 ug/l
RT: 1.07 min Scan# 44
Delta R.T. -0.03 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Tgt Ion: 50 Resp: 1022

Ion	Ratio	Lower	Upper
50	100		
52	41.1	27.0	40.4#



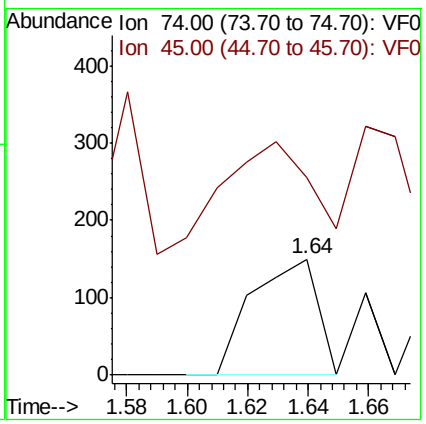


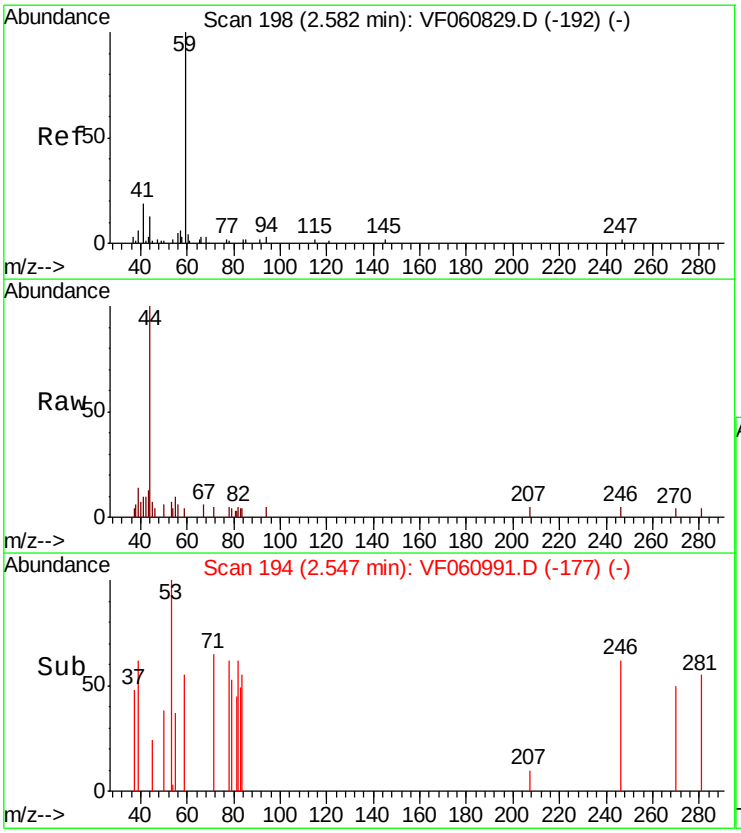
#8
Diethyl Ether
Concen: 1.365 ug/l
RT: 1.64 min Scan# 102
Delta R.T. -0.01 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 74 Resp: 225

Ion	Ratio	Lower	Upper
74	100		
45	170.7	71.0	212.8

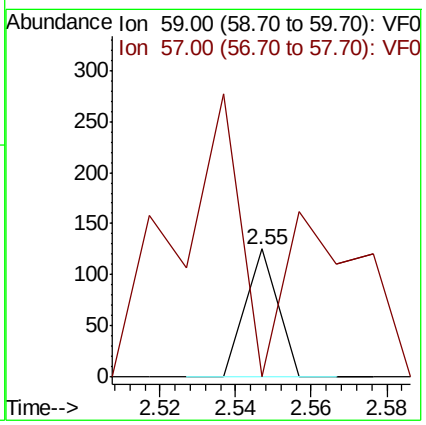


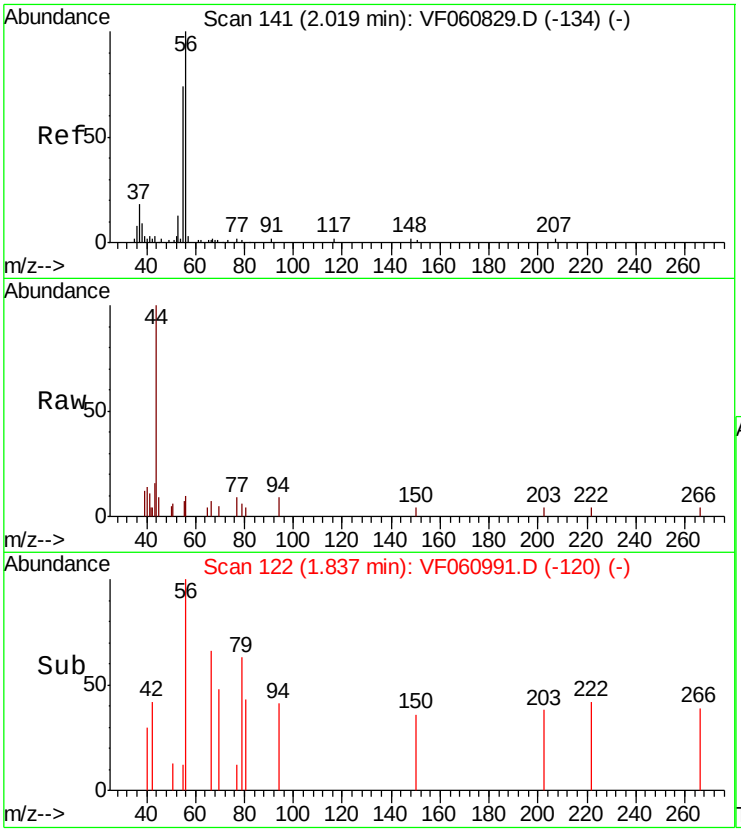


#11
Tert butyl alcohol
Concen: 2.602 ug/l
RT: 2.55 min Scan# 194
Delta R.T. -0.03 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Tgt Ion: 59 Resp: 74

Ion	Ratio	Lower	Upper
59	100		
57	0.0	12.7	19.1#



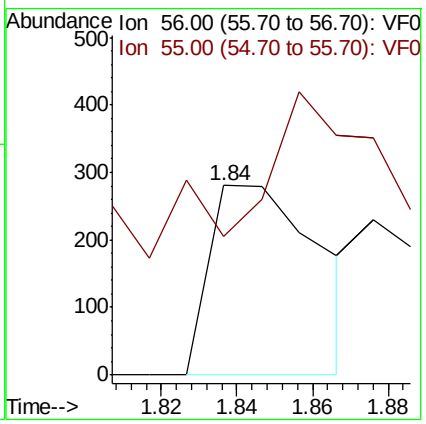


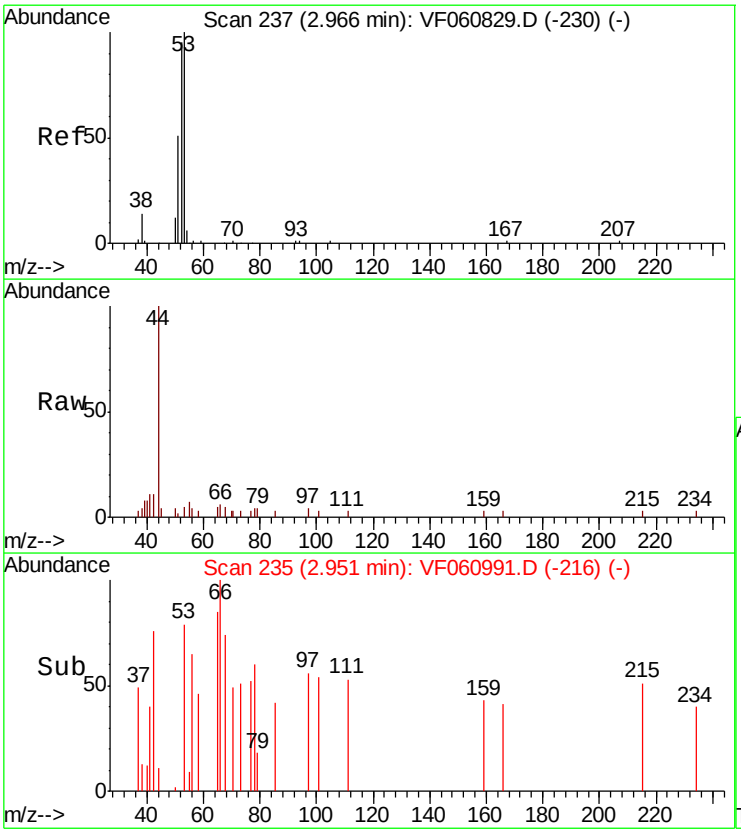
#13
Acrolein
Concen: 20.821 ug/l
RT: 1.84 min Scan# 122
Delta R.T. -0.18 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 56 Resp: 561

Ion	Ratio	Lower	Upper
56	100		
55	73.3	61.2	91.8

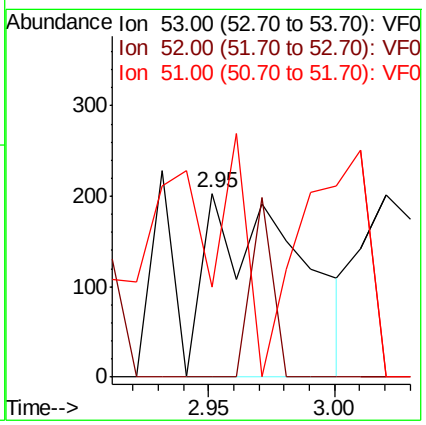


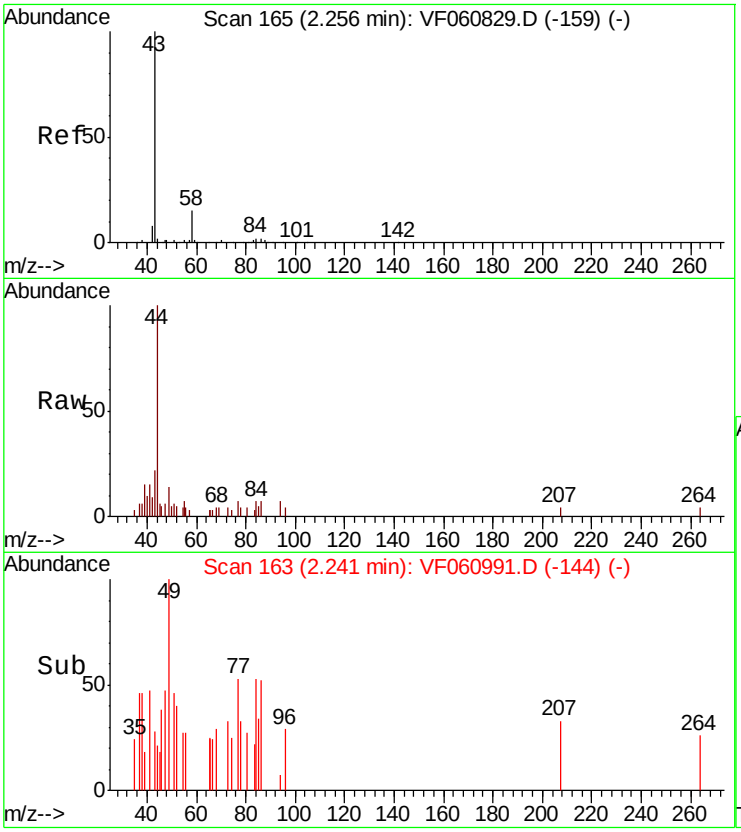


#15
Acrylonitrile
Concen: 8.172 ug/l
RT: 2.95 min Scan# 235
Delta R.T. -0.01 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Tgt Ion: 53 Resp: 521

Ion	Ratio	Lower	Upper
53	100		
52	0.0	76.5	114.7#
51	49.3	40.7	61.1



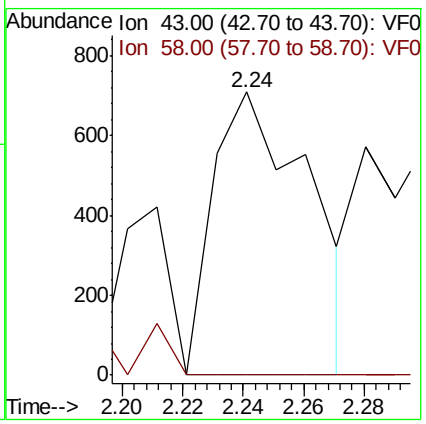


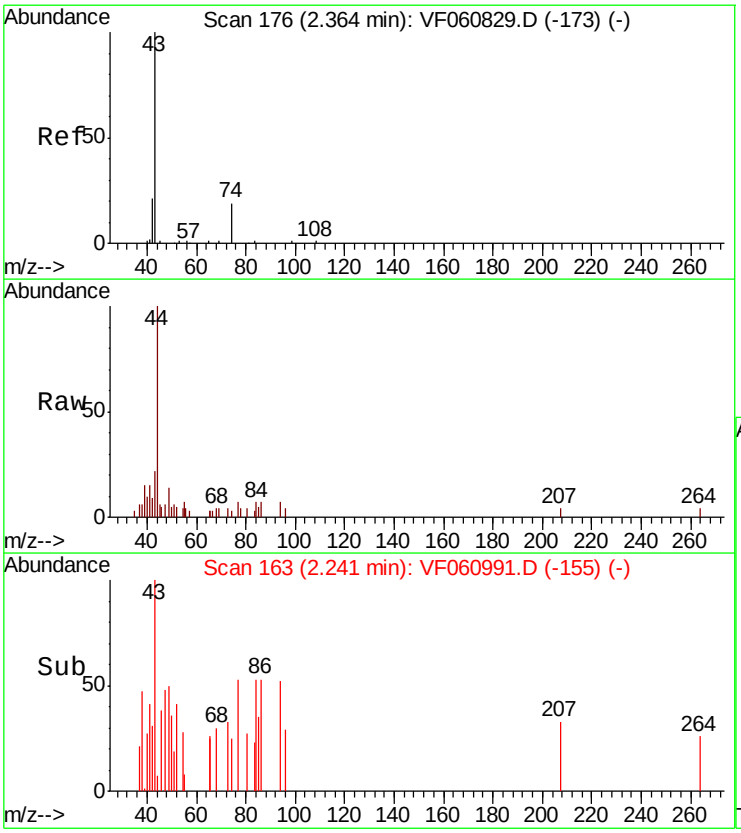
#16
Acetone
Concen: 12.304 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.01 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 43 Resp: 1574

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.4	17.2#

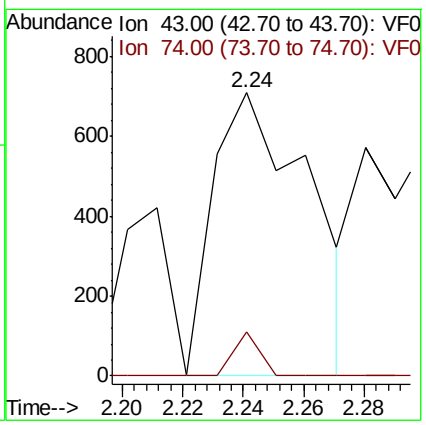


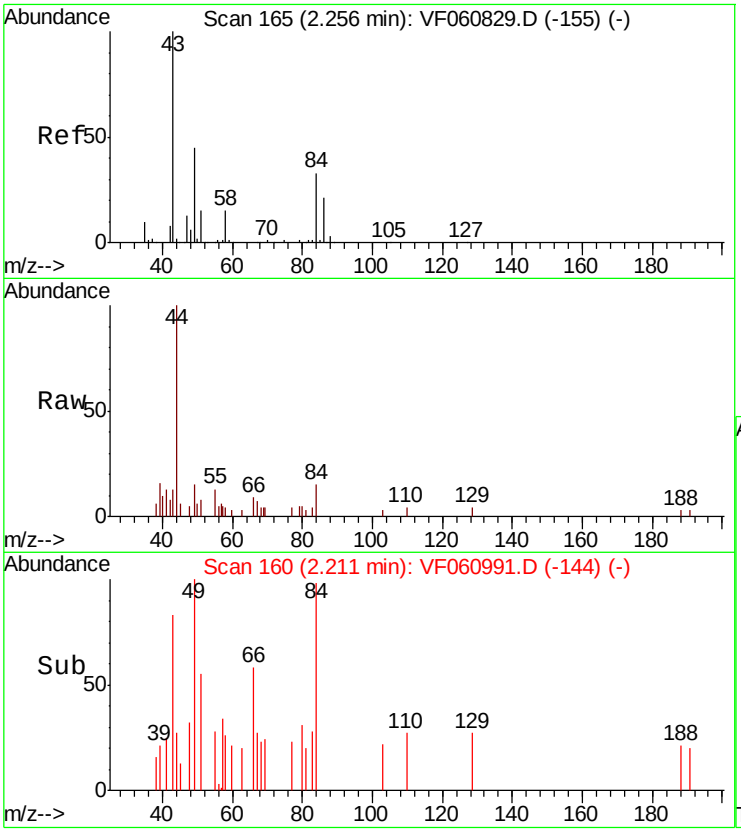


#18
Methyl Acetate
Concen: 5.877 ug/l
RT: 2.24 min Scan# 163
Delta R.T. -0.12 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Tgt Ion: 43 Resp: 1574

Ion	Ratio	Lower	Upper
43	100		
74	15.5	13.3	19.9



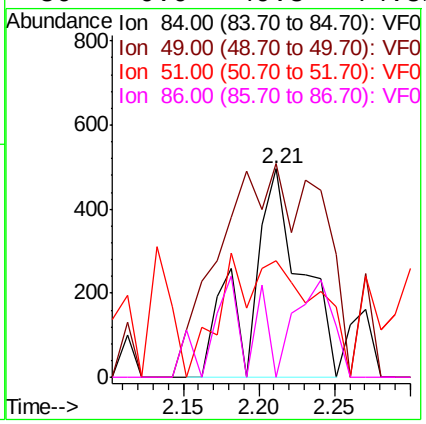


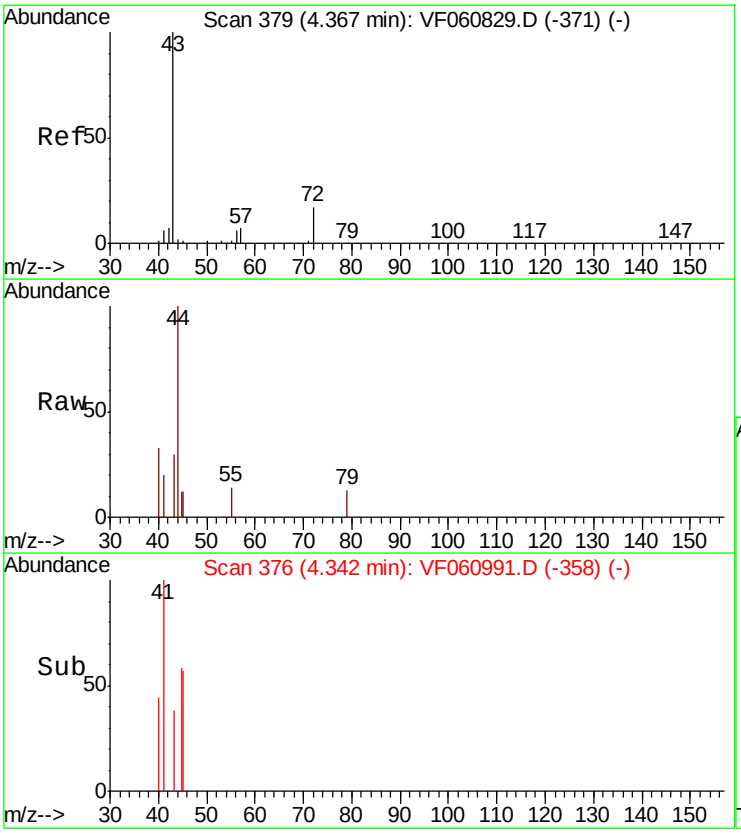
#20
Methylene Chloride
Concen: 2.568 ug/l
RT: 2.21 min Scan# 160
Delta R.T. -0.04 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Instrument : MSVOA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 84 Resp: 1205

Ion	Ratio	Lower	Upper
84	100		
49	102.4	111.3	166.9#
51	56.0	38.0	57.0
86	0.0	49.8	74.8#

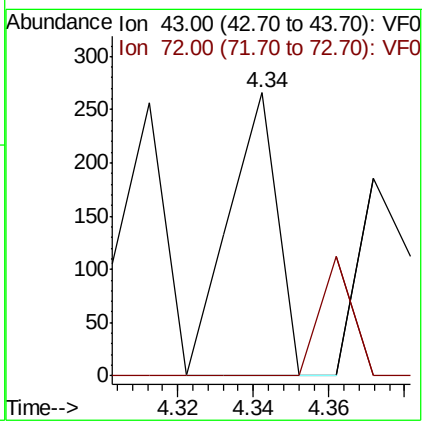


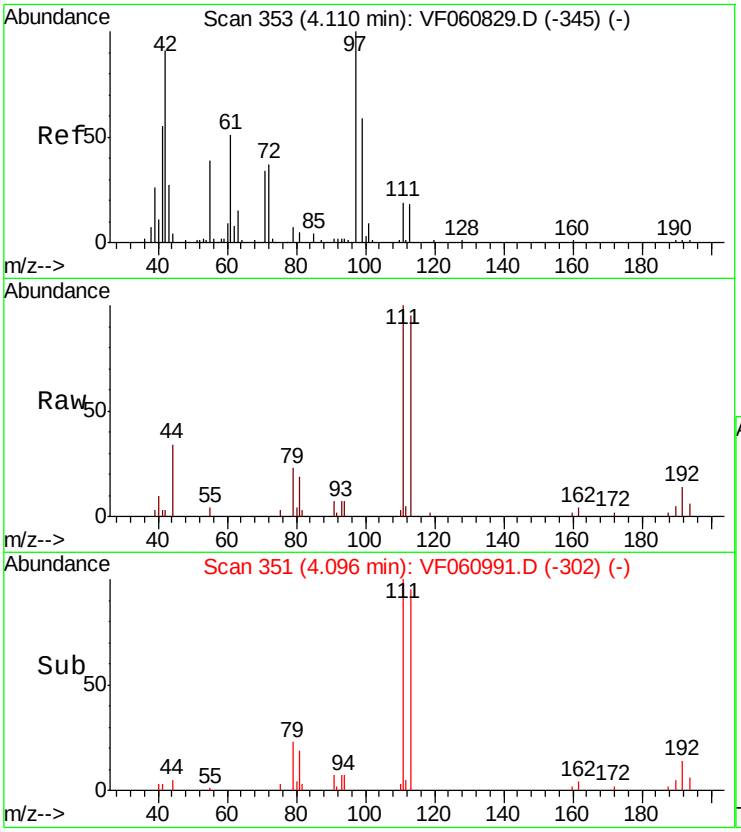


#25
2-Butanone
Concen: 1.067 ug/l
RT: 4.34 min Scan# 376
Delta R.T. -0.02 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Tgt Ion: 43 Resp: 236

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.4	23.2#



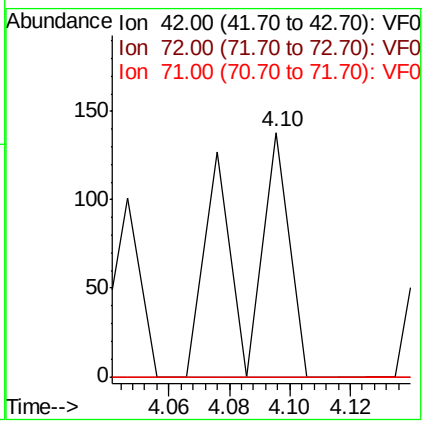


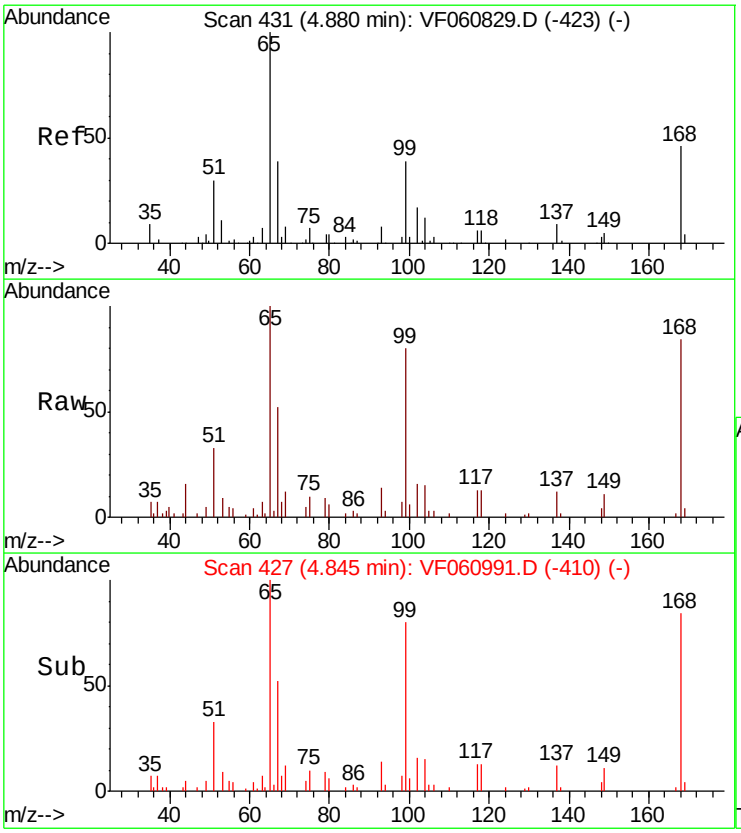
#29
Tetrahydrofuran
Concen: 1.674 ug/l
RT: 4.10 min Scan# 351
Delta R.T. -0.01 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 42 Resp: 157

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.9	47.9#
71	0.0	28.7	43.1#

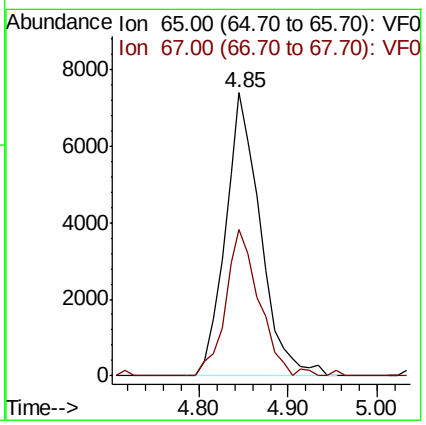


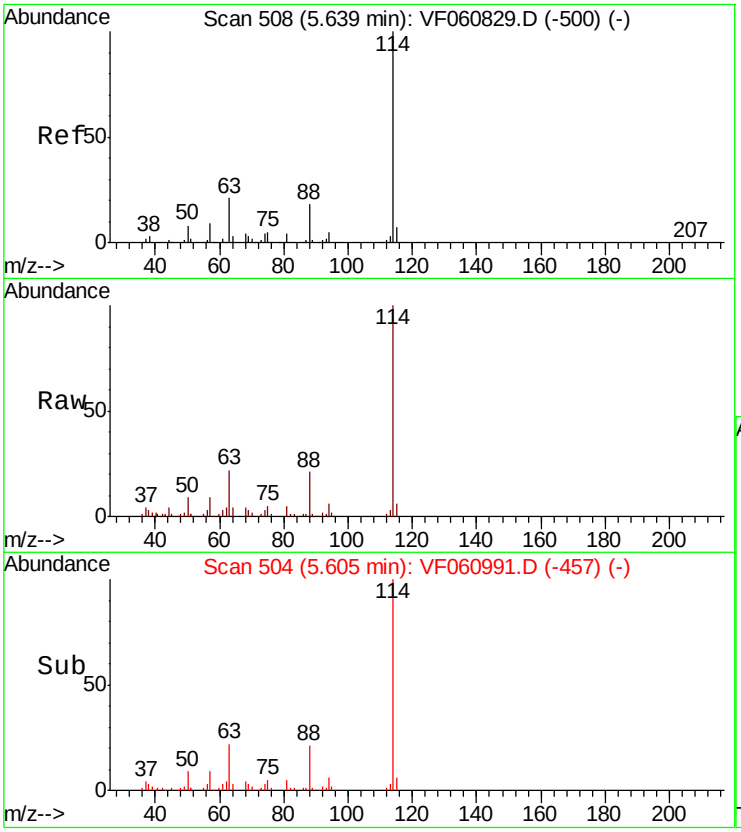


#33
1,2-Dichloroethane-d4
Concen: 29.200 ug/l
RT: 4.85 min Scan# 427
Delta R.T. -0.03 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Tgt Ion: 65 Resp: 20257

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	96.4



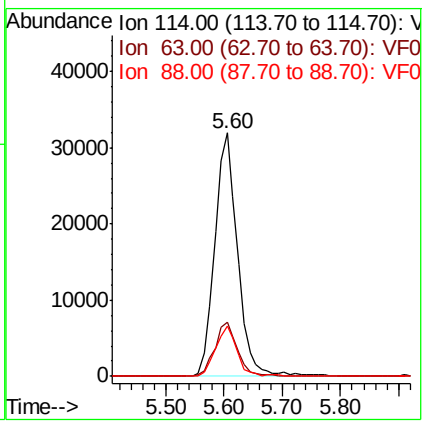


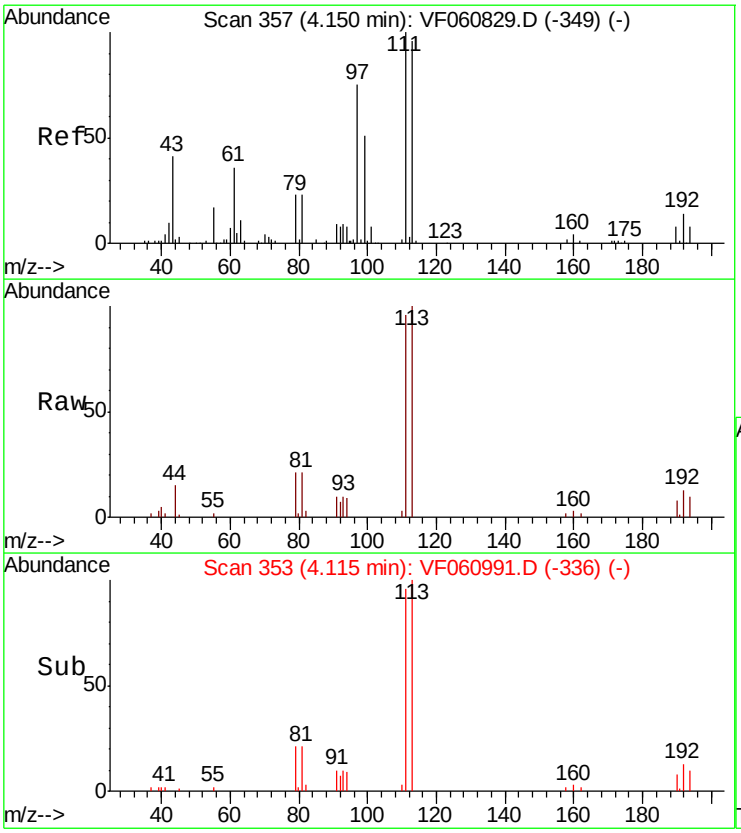
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.03 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion:114 Resp: 86399

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	41.6
88	20.8	0.0	36.6

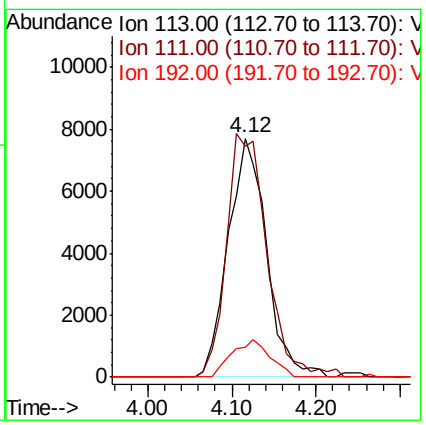


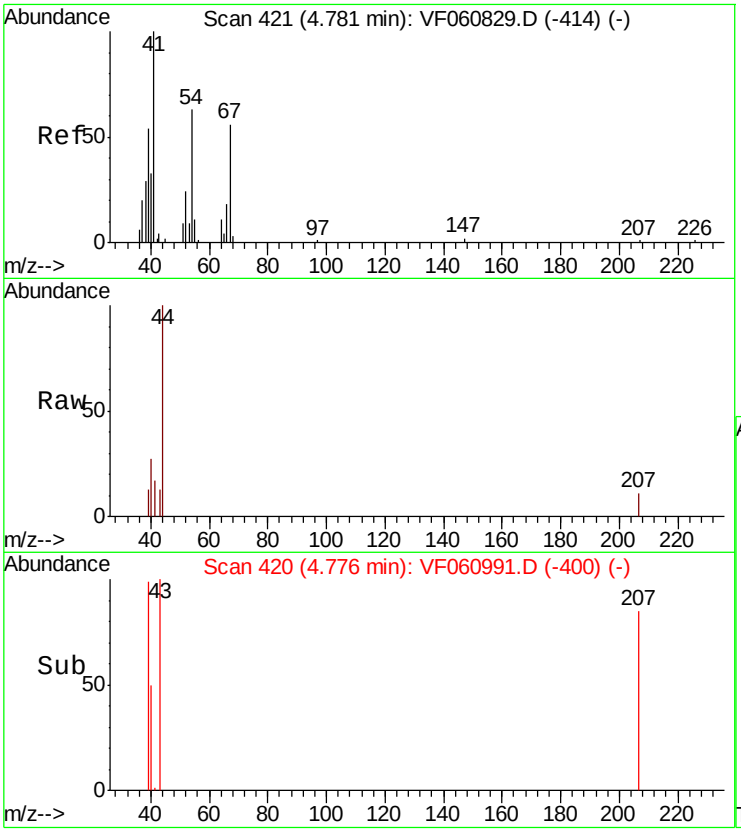


#35
Dibromofluoromethane
Concen: 35.826 ug/l
RT: 4.12 min Scan# 353
Delta R.T. -0.03 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Tgt Ion:113 Resp: 24556

Ion	Ratio	Lower	Upper
113	100		
111	96.4	83.0	124.6
192	12.5	12.3	18.5



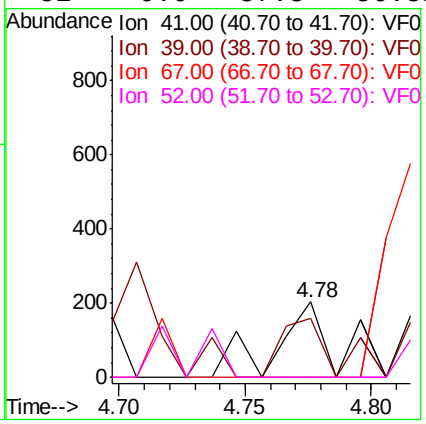


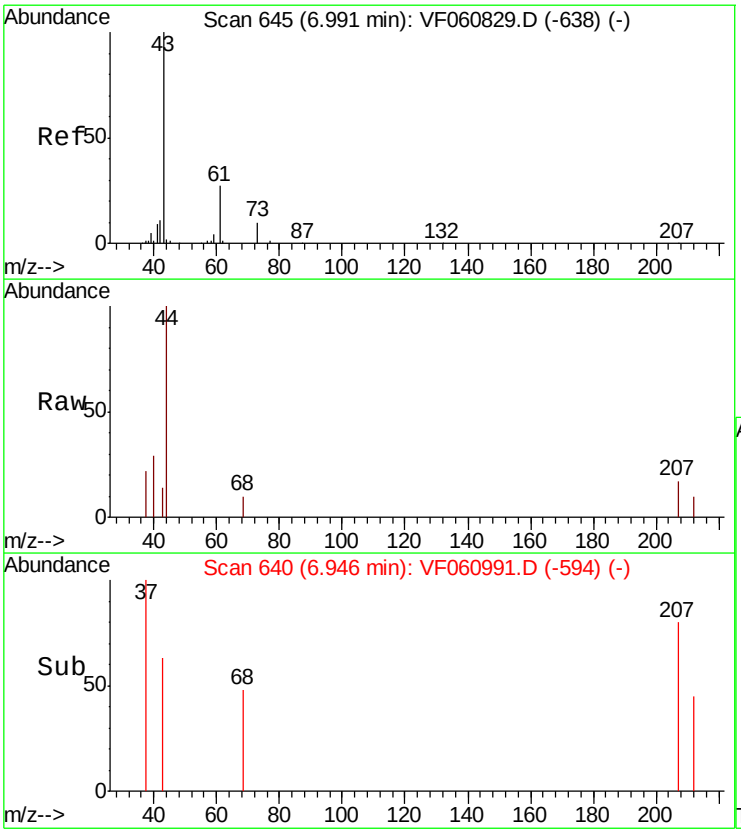
#41
Methacrylonitrile
Concen: Below Cal
RT: 4.78 min Scan# 420
Delta R.T. -0.00 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Instrument : MSVOA_F
ClientSampleId : AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 41 Resp: 261

Ion	Ratio	Lower	Upper
41	100		
39	78.8	53.0	79.6
67	0.0	43.8	65.6#
52	0.0	37.8	56.8#

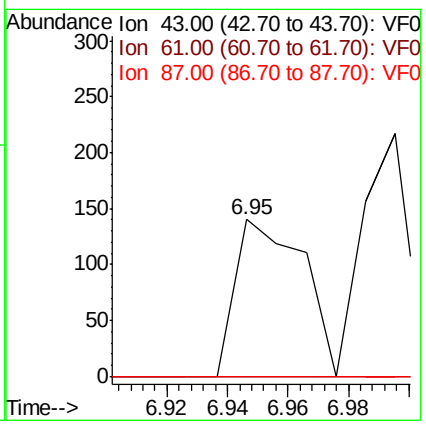


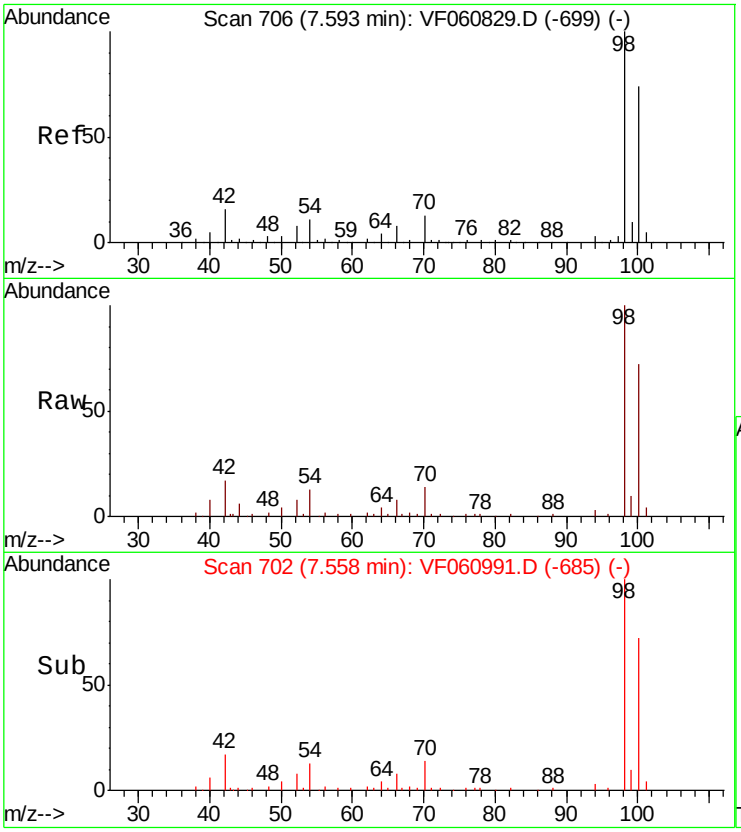


#43
Isopropyl Acetate
Concen: Below Cal
RT: 6.95 min Scan# 640
Delta R.T. -0.04 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Tgt Ion: 43 Resp: 219

Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.4	32.0#
87	0.0	0.2	0.4#



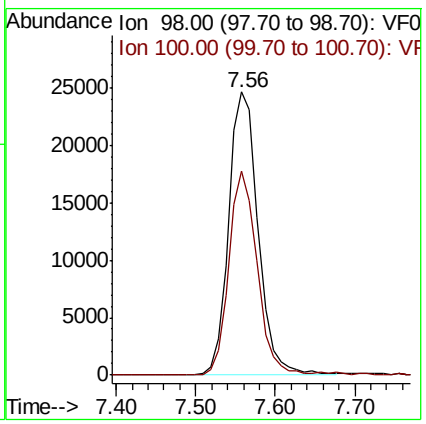


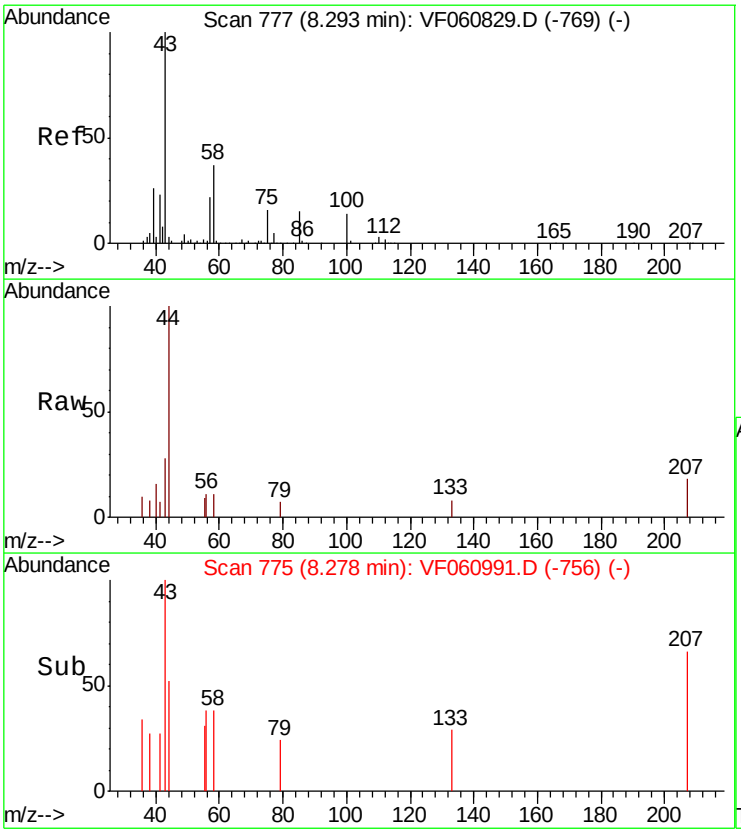
#50
Toluene-d8
Concen: 31.582 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.03 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 98 Resp: 63765

Ion	Ratio	Lower	Upper
98	100		
100	71.9	59.3	88.9

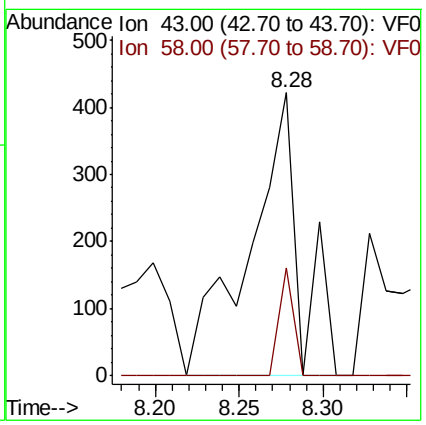


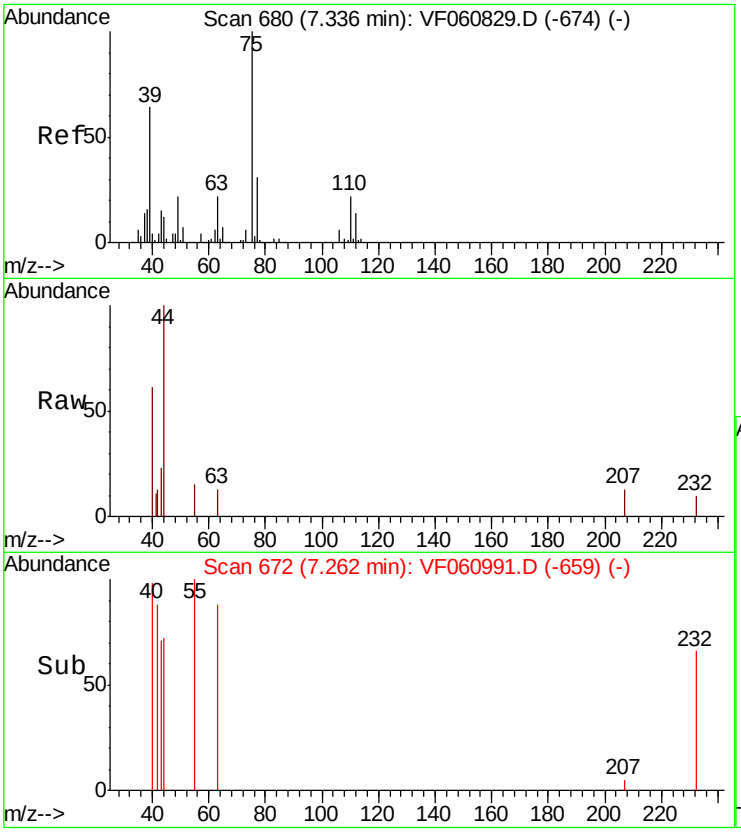


#51
4-Methyl-2-Pentanone
Concen: 2.470 ug/l
RT: 8.28 min Scan# 775
Delta R.T. -0.01 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Tgt Ion: 43 Resp: 887

Ion	Ratio	Lower	Upper
43	100		
58	38.2	29.7	44.5



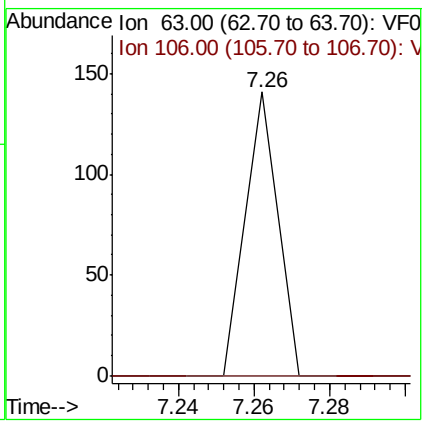


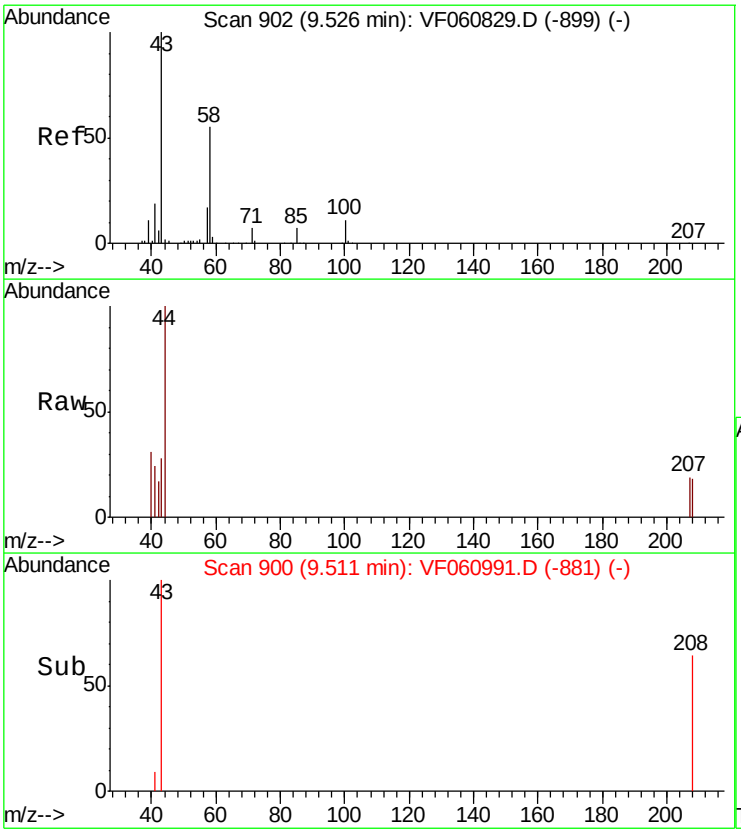
#58
2-Chloroethyl Vinyl ether
Concen: 1.686 ug/l
RT: 7.26 min Scan# 672
Delta R.T. -0.07 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 63 Resp: 83

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.0	34.6#

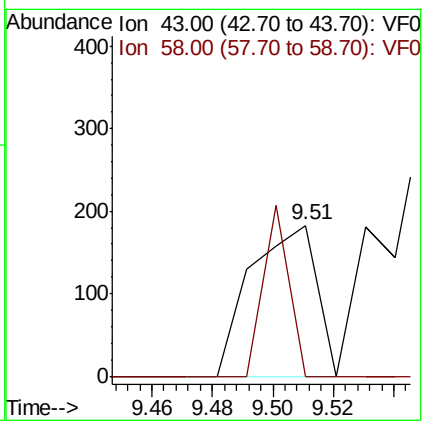


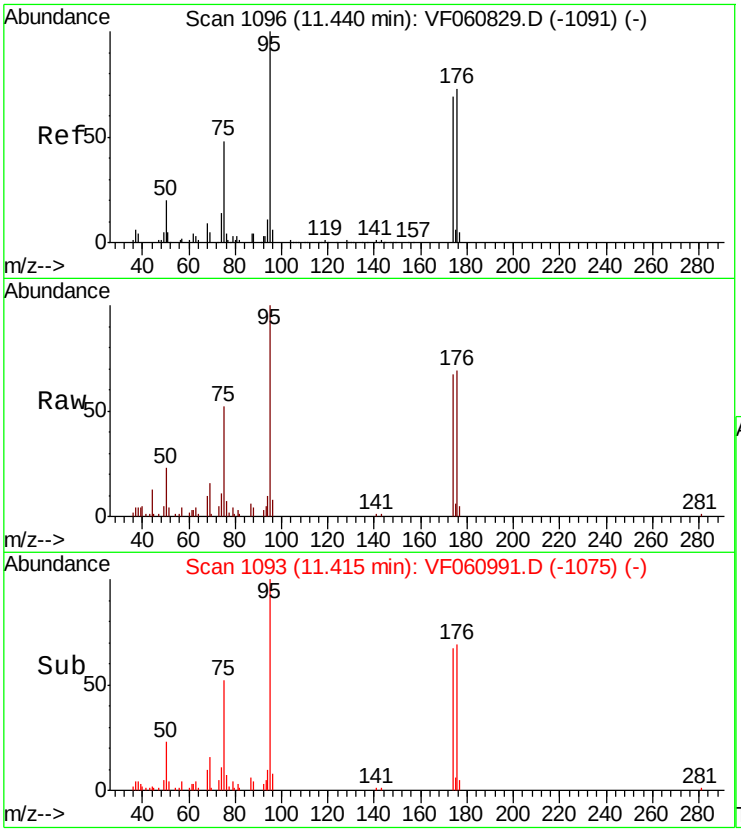


#59
2-Hexanone
Concen: 1.103 ug/l
RT: 9.51 min Scan# 900
Delta R.T. -0.01 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Tgt Ion: 43 Resp: 278

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.6	76.6#



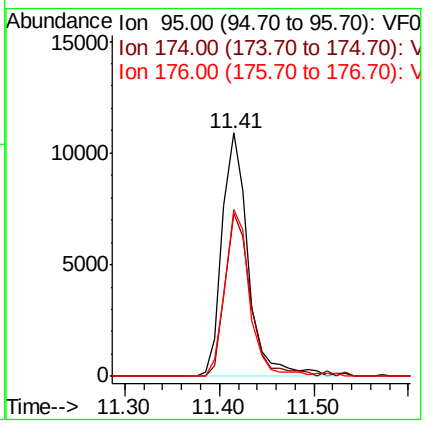


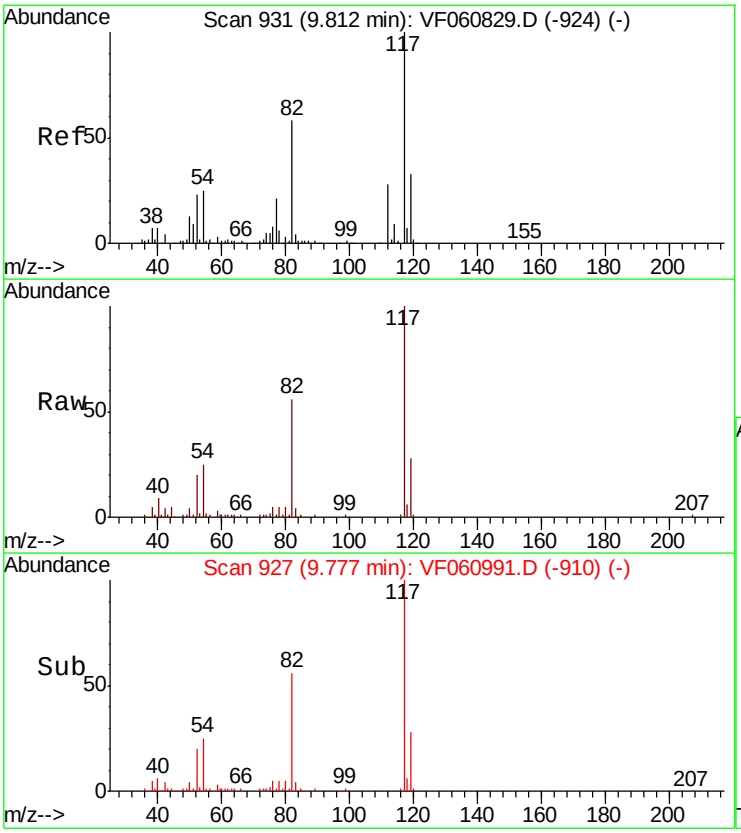
#62
4-Bromofluorobenzene
Concen: 22.821 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.02 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion: 95 Resp: 20941

Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	138.2
176	68.7	0.0	146.2

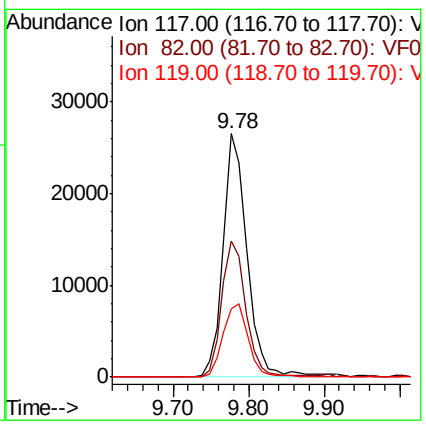


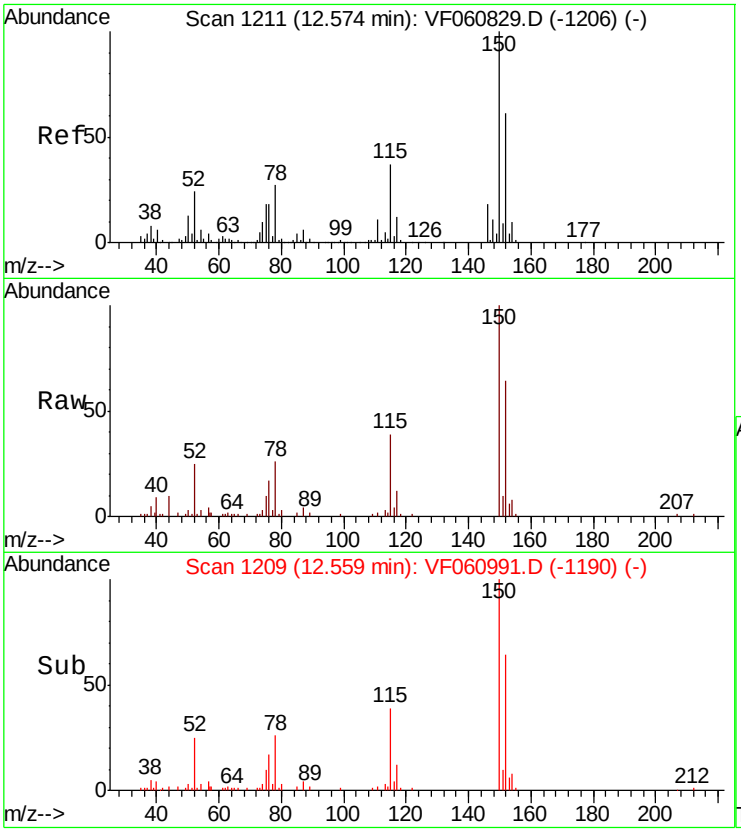


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.03 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Tgt Ion:117 Resp: 58627

Ion	Ratio	Lower	Upper
117	100		
82	55.8	46.6	69.8
119	28.2	26.4	39.6



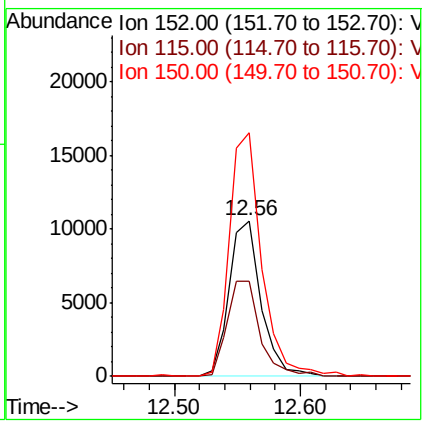


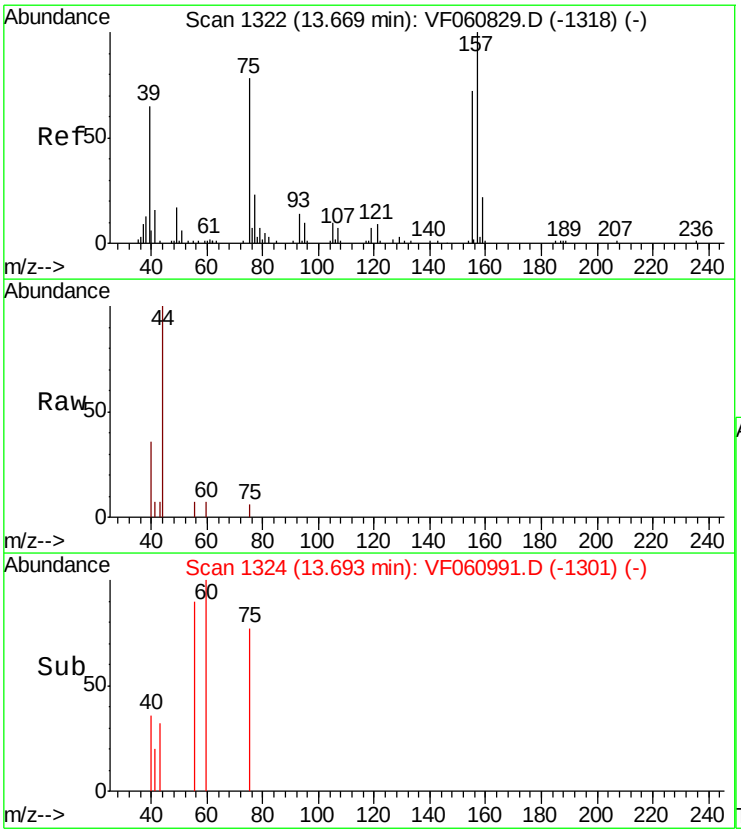
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion:152 Resp: 18441

Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.1	90.5
150	156.6	0.0	327.6

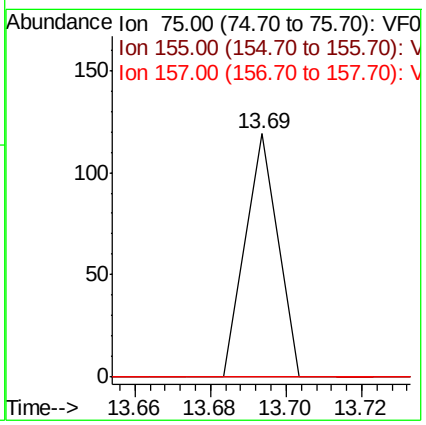


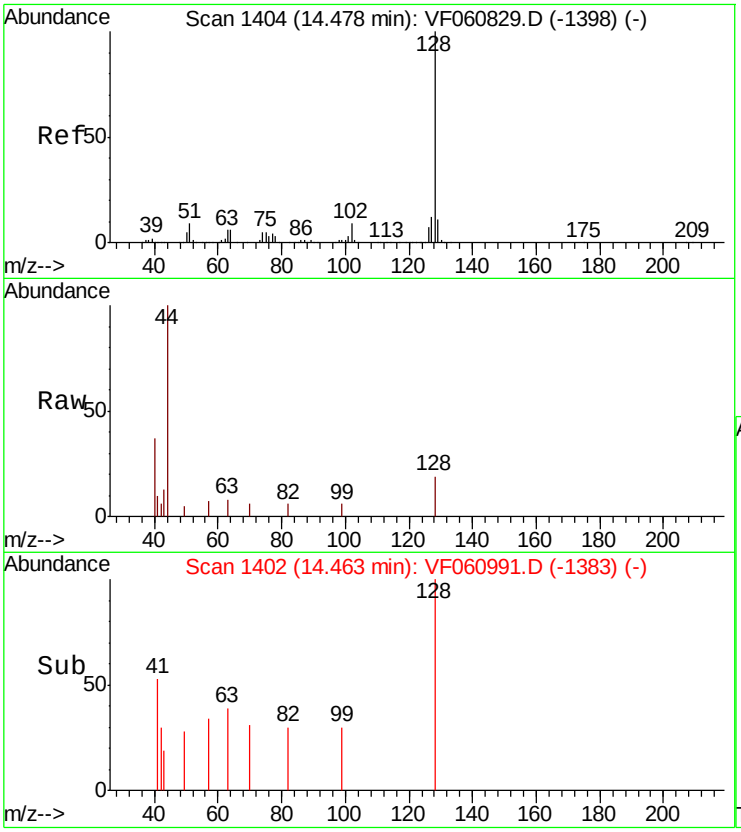


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.510 ug/l
RT: 13.69 min Scan# 1324
Delta R.T. 0.02 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Tgt Ion: 75 Resp: 70

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.6	136.9#
157	0.0	63.8	191.5#





#95
Naphthalene
Concen: Below Cal
RT: 14.46 min Scan# 1402
Delta R.T. -0.01 min
Lab File: VF060991.D
Acq: 11 Dec 2018 22:17

Instrument :
MSVOA_F
ClientSampleId :
AVE-X-B-BALL-FIELD-S-1

Tgt Ion:128 Resp: 461

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.9	14.9#
129	0.0	9.1	13.7#