Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062434.D
Acq On : 10 May 2019 22:35
Operator : FY/SY
Sample : VD0510SBL02
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0510SBL02

Quant Time: May 11 05:38:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	333079	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	447380	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	367261	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	252432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	181920	57.79	ug/l	0.01
Spiked Amount 50.000			Recovery = 115.58%			
35) Dibromofluoromethane	4.31	113	219832	61.68	ug/l	0.01
Spiked Amount 50.000			Recovery = 123.36%			
50) Toluene-d8	7.72	98	447897	51.91	ug/l	0.01
Spiked Amount 50.000			Recovery = 103.82%			
62) 4-Bromofluorobenzene	11.50	95	224575	57.69	ug/l	0.01
Spiked Amount 50.000			Recovery = 115.38%			
Target Compounds						Qvalue
5) Bromomethane	1.38	94	1172	Below Cal	#	26
11) Tert butyl alcohol	2.70	59	1025	5.762 ug/l	#	32
13) Acrolein	2.13	56	209	Below Cal	#	13
15) Acrylonitrile	3.12	53	554	1.644 ug/l	#	10
16) Acetone	2.28	43	2283	3.585 ug/l	#	62
18) Methyl Acetate	2.51	43	1456	Below Cal	#	60
20) Methylene Chloride	2.35	84	6237	2.707 ug/l	#	70
29) Tetrahydrofuran	4.28	42	437	1.189 ug/l	#	59
37) Ethyl Acetate	4.31	43	274	Below Cal	#	1
38) Carbon Tetrachloride	4.19	117	69	Below Cal	#	31
49) 1,4-Dioxane	7.06	88	125	Below Cal	#	48
59) 2-Hexanone	9.64	43	3016	3.292 ug/l		68
81) trans-1,4-Dichloro-2-buten	11.95	75	841	1.252 ug/l	#	22

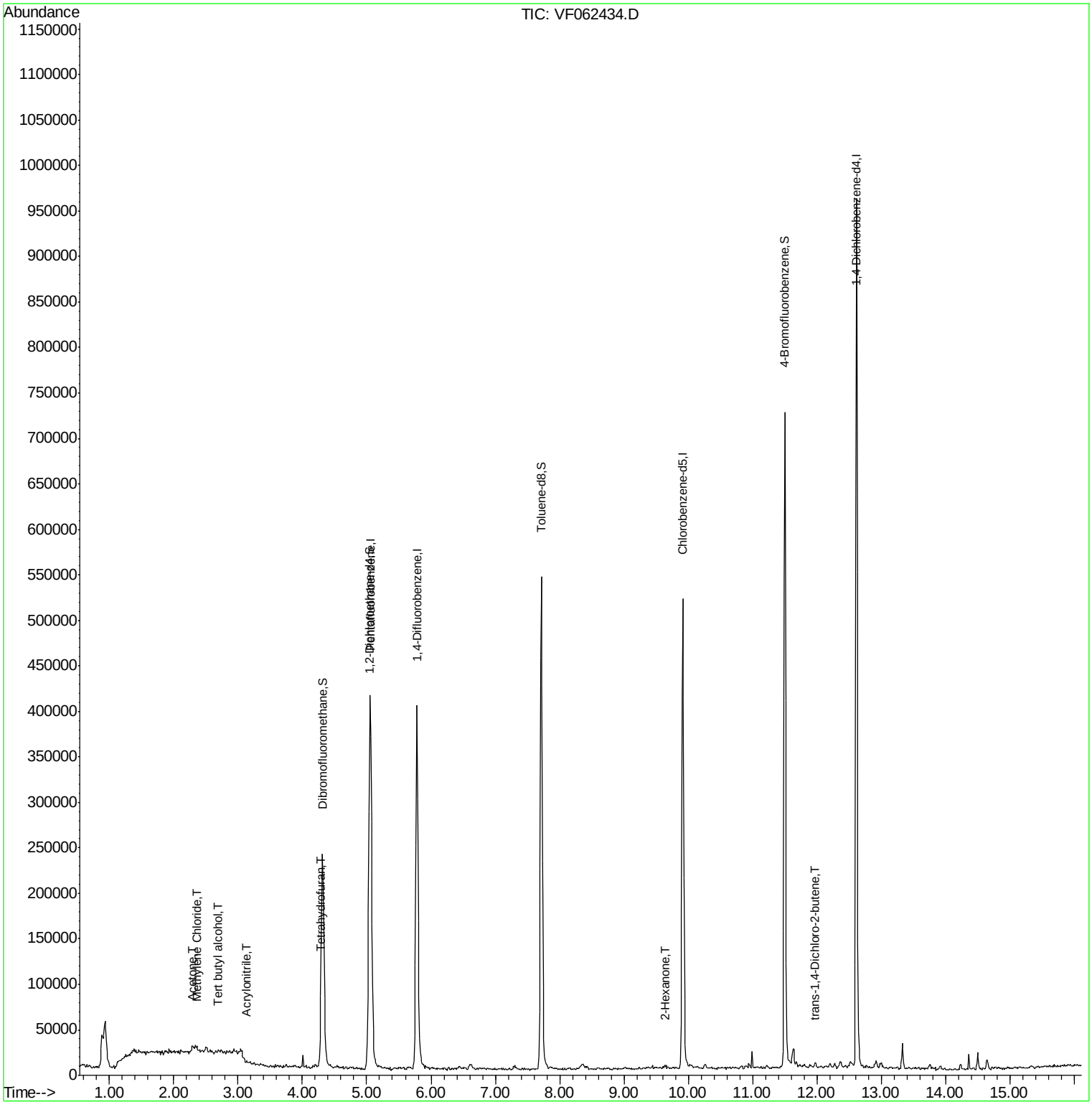
(#) = qualifier out of range (m) = manual integration (+) = signals summed

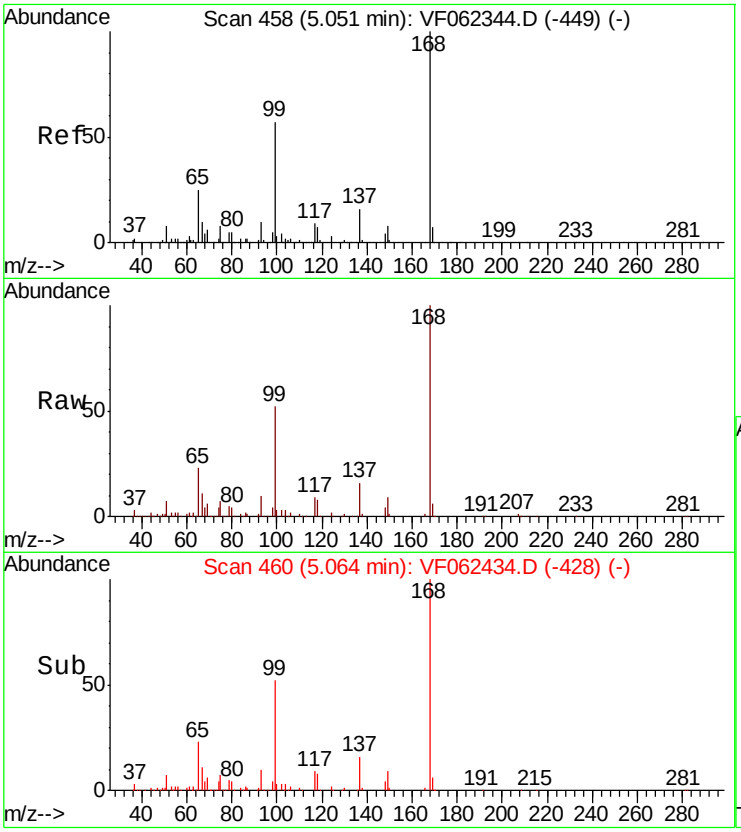
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062434.D
Acq On : 10 May 2019 22:35
Operator : FY/SY
Sample : VD0510SBL02
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0510SBL02

Quant Time: May 11 05:38:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration



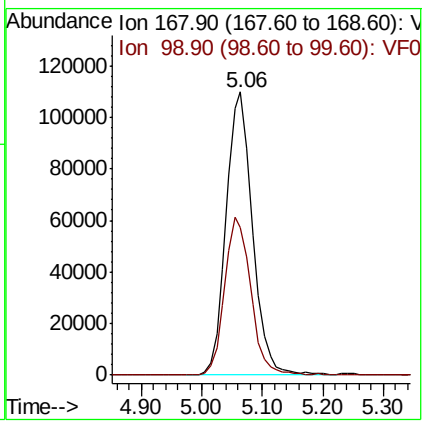


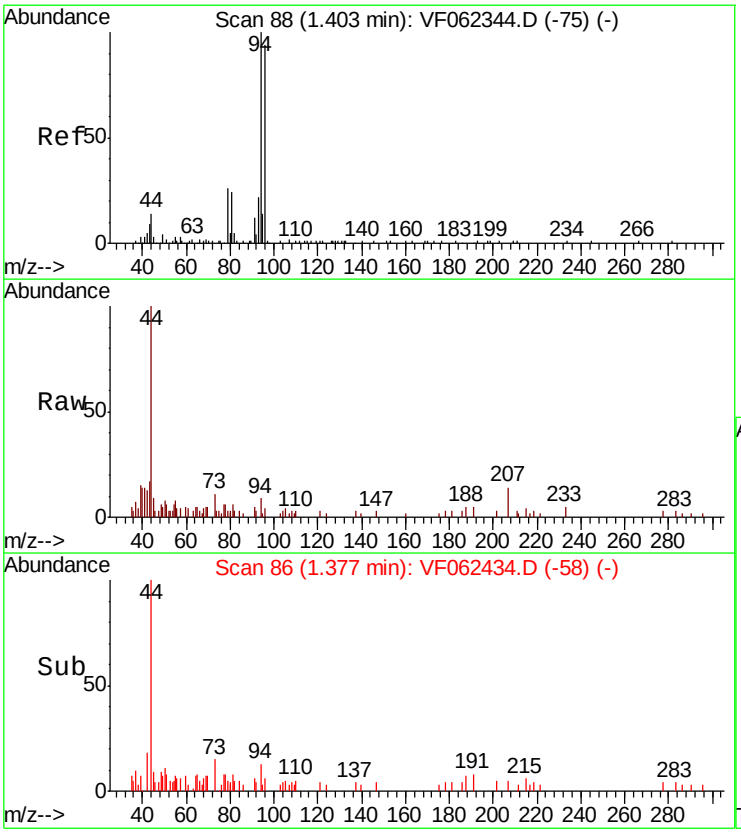
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 460
Delta R.T. 0.01 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Instrument :
MSVOA_F
ClientSampleId :
VF0510SBL02

Tgt Ion:168 Resp: 333079

Ion	Ratio	Lower	Upper
168	100		
99	52.0	45.9	68.9

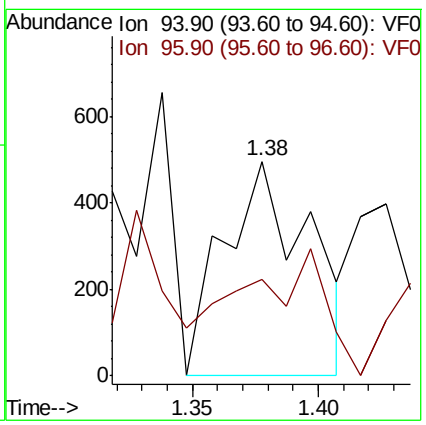


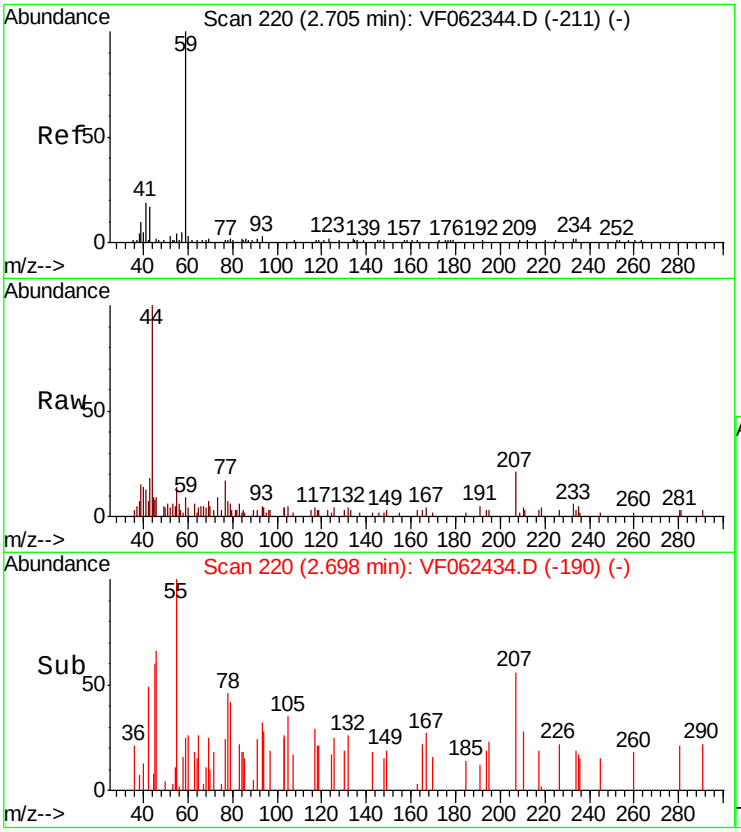


#5
Bromomethane
Concen: Below Cal
RT: 1.38 min Scan# 86
Delta R.T. -0.03 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Tgt Ion: 94 Resp: 1172

Ion	Ratio	Lower	Upper
94	100		
96	23.2	75.4	113.2#



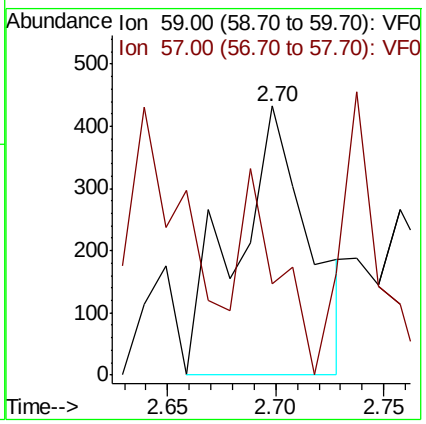


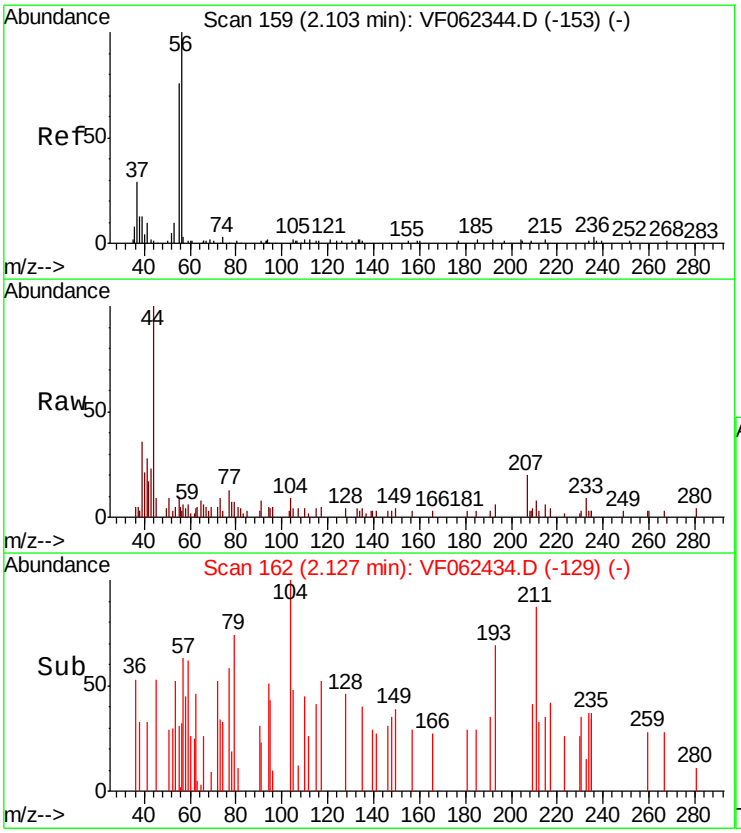
#11
Tert butyl alcohol
Concen: 5.762 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.01 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Instrument :
MSVOA_F
ClientSampleId :
VF0510SBL02

Tgt Ion: 59 Resp: 1025

Ion	Ratio	Lower	Upper
59	100		
57	37.7	9.3	13.9#

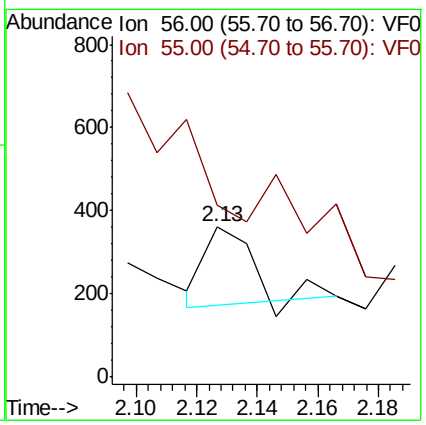


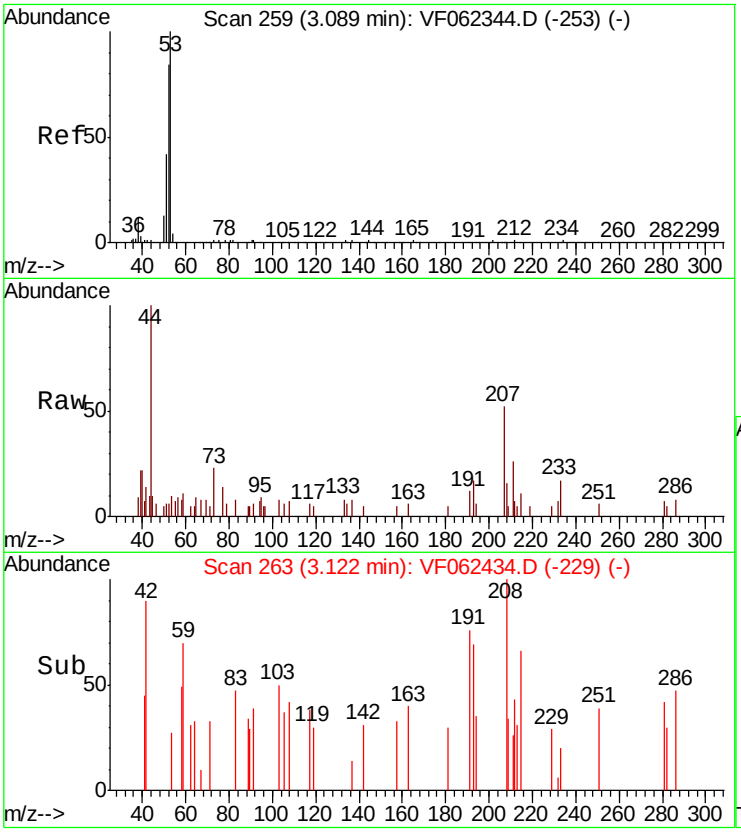


#13
Acrolein
Concen: Below Cal
RT: 2.13 min Scan# 162
Delta R.T. 0.02 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Tgt Ion: 56 Resp: 209

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.4	87.6#



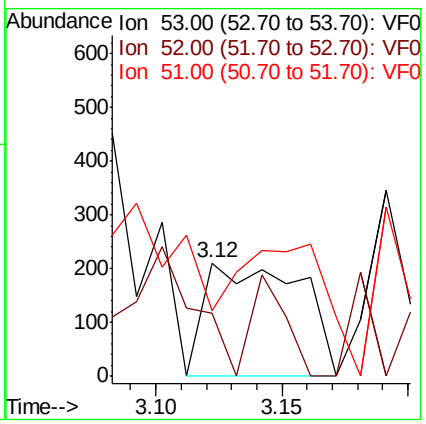


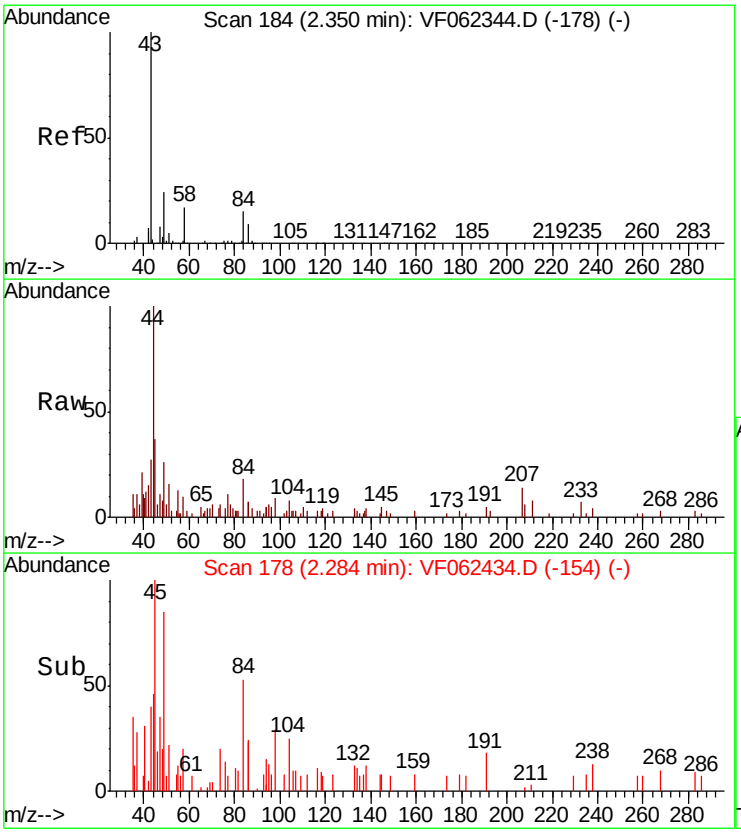
#15
Acrylonitrile
Concen: 1.644 ug/l
RT: 3.12 min Scan# 263
Delta R.T. 0.03 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Instrument : MSVOA_F
ClientSampleId : VF0510SBL02

Tgt Ion: 53 Resp: 554

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.2	115.8#
51	0.0	40.6	61.0#

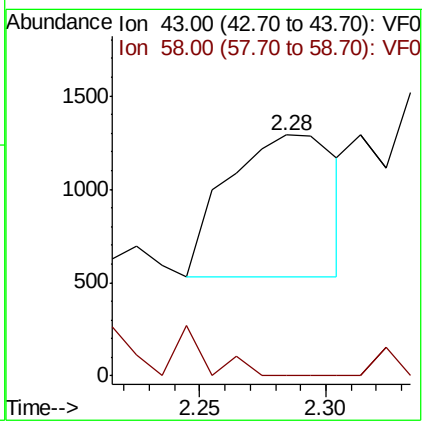


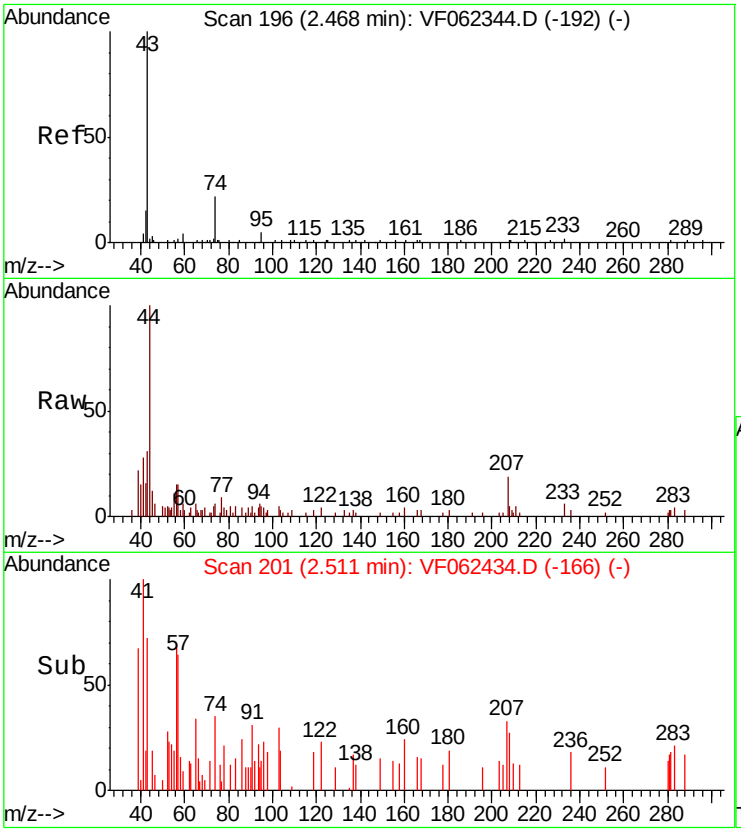


#16
Acetone
Concen: 3.585 ug/l
RT: 2.28 min Scan# 178
Delta R.T. -0.07 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Tgt Ion: 43 Resp: 2283

Ion	Ratio	Lower	Upper
43	100		
58	0.0	13.1	19.7#



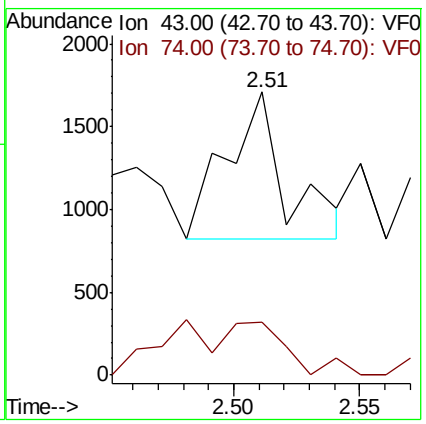


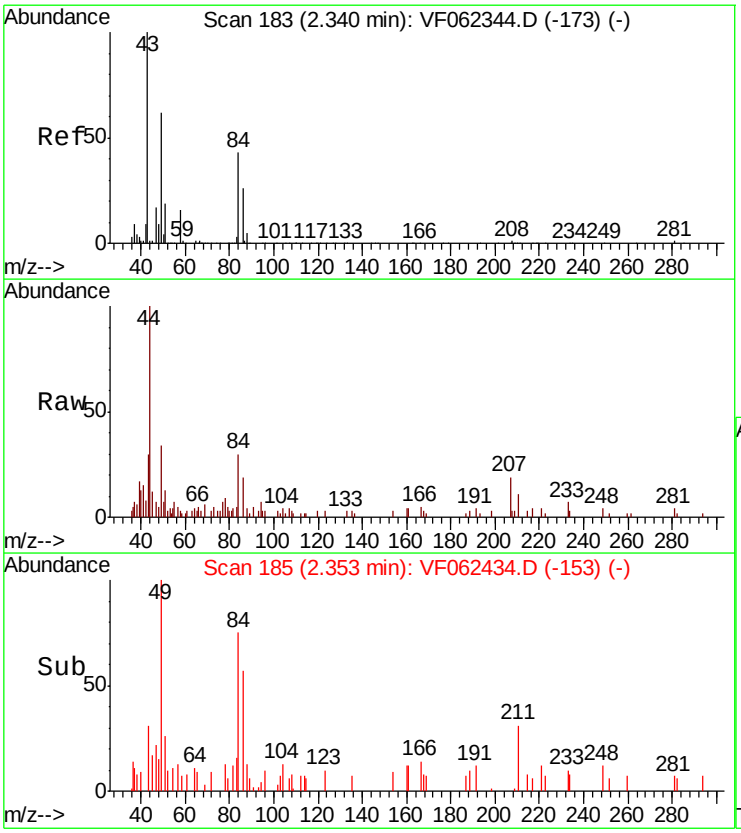
#18
Methyl Acetate
Concen: Below Cal
RT: 2.51 min Scan# 201
Delta R.T. 0.04 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Instrument : MSVOA_F
ClientSampleId : VF0510SBL02

Tgt Ion: 43 Resp: 1456

Ion	Ratio	Lower	Upper
43	100		
74	36.7	15.0	22.4#

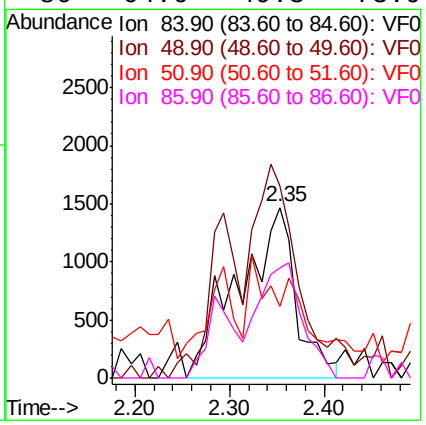


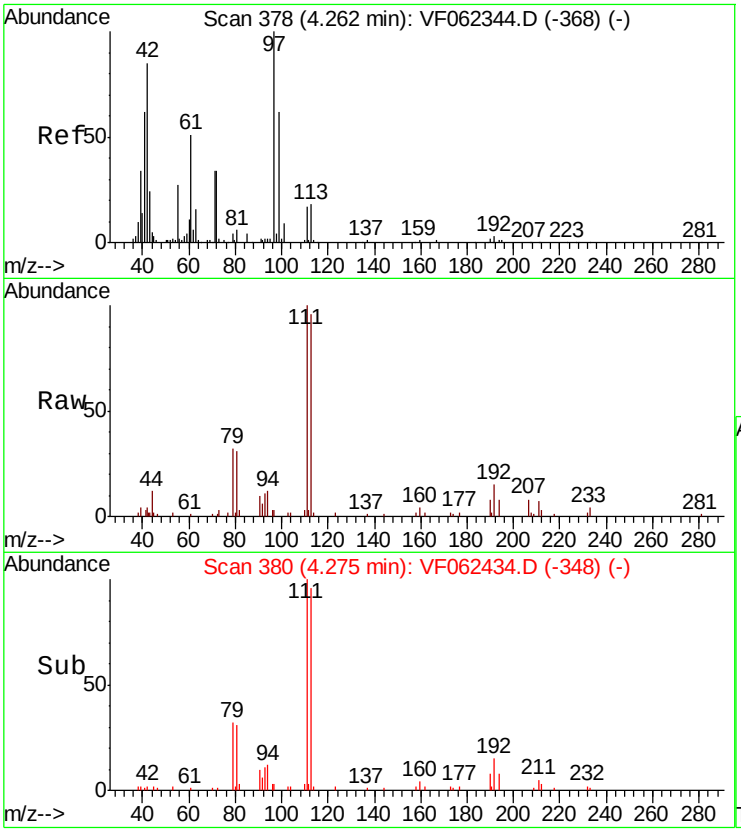


#20
Methylene Chloride
Concen: 2.707 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Tgt Ion: 84 Resp: 6237

Ion	Ratio	Lower	Upper
84	100		
49	98.4	117.5	176.3#
51	21.3	37.0	55.4#
86	64.6	49.3	73.9



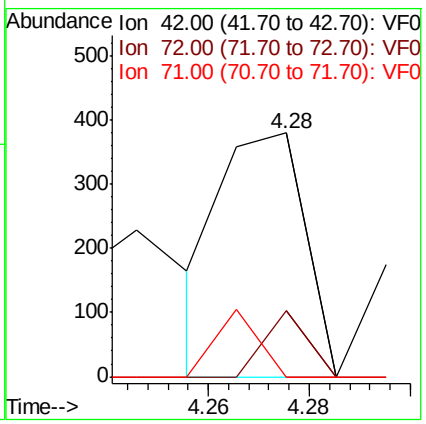


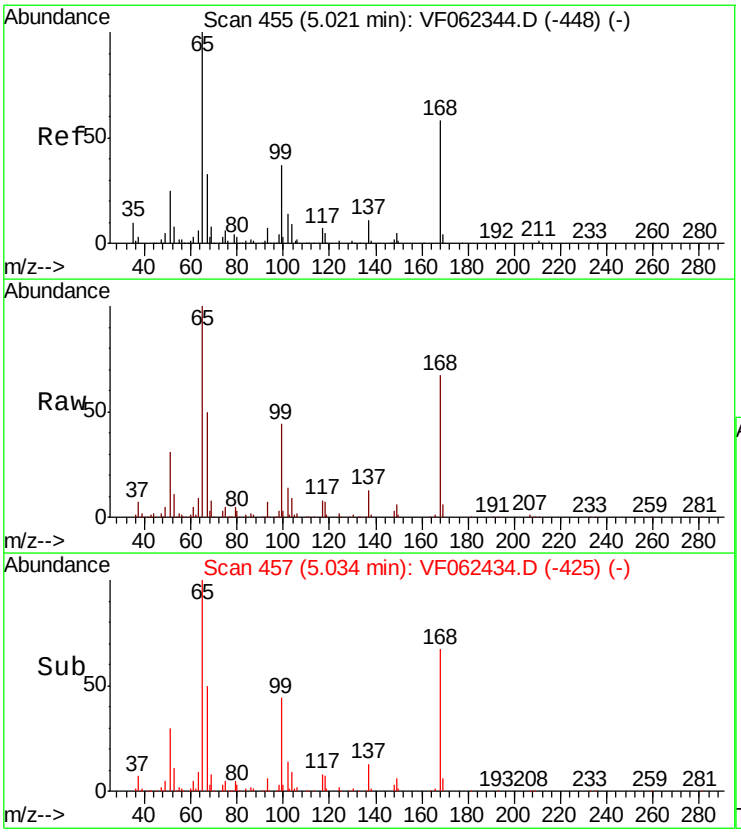
#29
Tetrahydrofuran
Concen: 1.189 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.01 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Instrument :
MSVOA_F
ClientSampleId :
VF0510SBL02

Tgt Ion: 42 Resp: 437

Ion	Ratio	Lower	Upper
42	100		
72	13.7	31.4	47.0#
71	14.2	31.7	47.5#

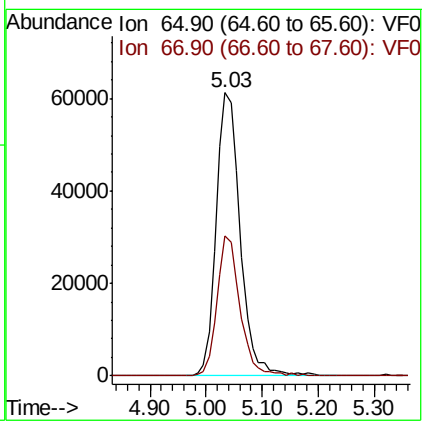


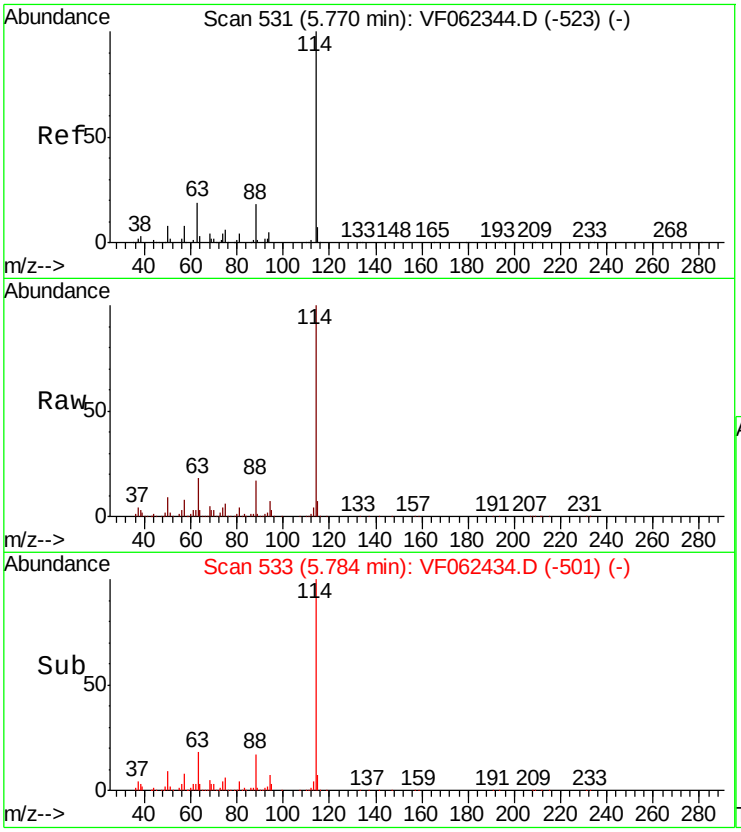


#33
1,2-Dichloroethane-d4
Concen: 57.794 ug/l
RT: 5.03 min Scan# 457
Delta R.T. 0.01 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Tgt Ion: 65 Resp: 181920

Ion	Ratio	Lower	Upper
65	100		
67	47.3	0.0	85.8



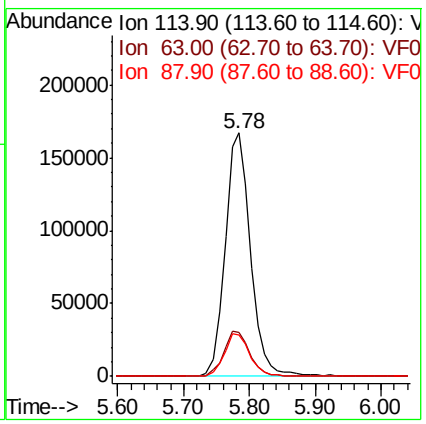


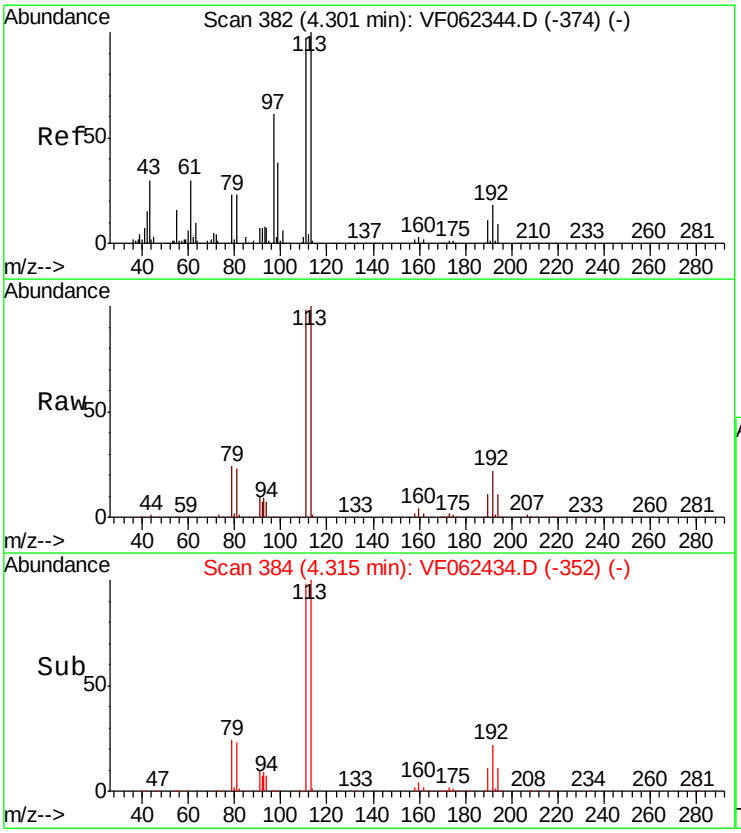
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.01 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Instrument :
MSVOA_F
ClientSampleId :
VF0510SBL02

Tgt Ion:114 Resp: 447380

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	37.4
88	16.9	0.0	36.4

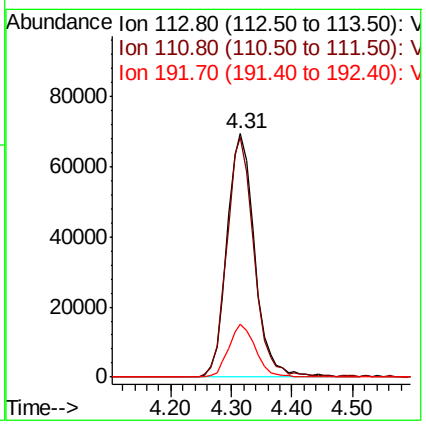


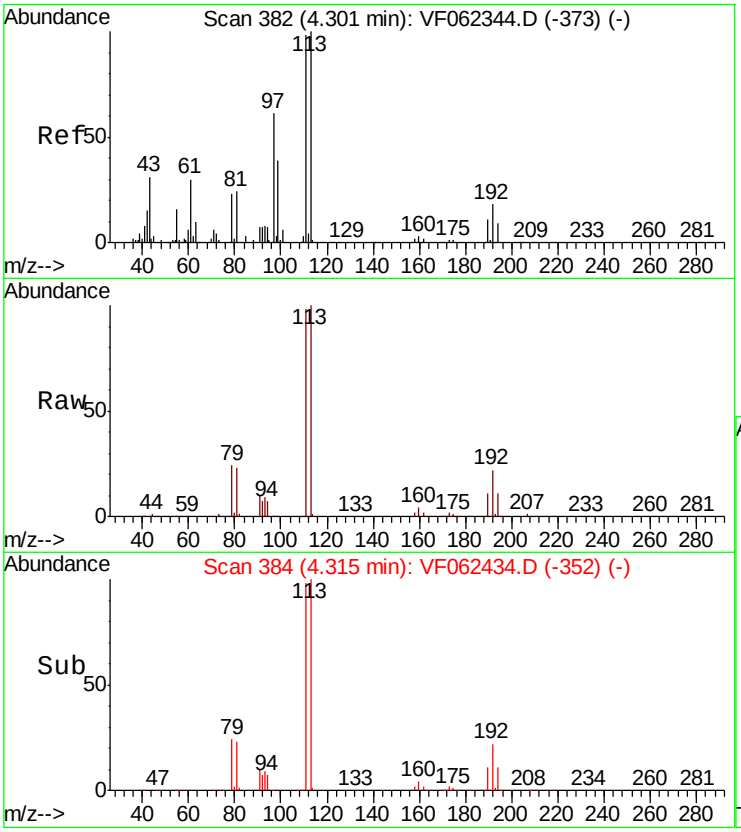


#35
Dibromofluoromethane
Concen: 61.678 ug/l
RT: 4.31 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Tgt Ion:113 Resp: 219832

Ion	Ratio	Lower	Upper
113	100		
111	96.8	79.4	119.0
192	21.3	16.0	24.0



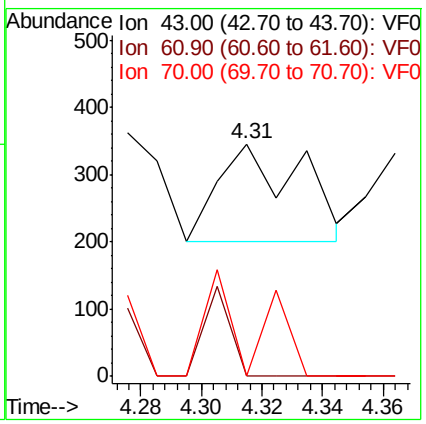


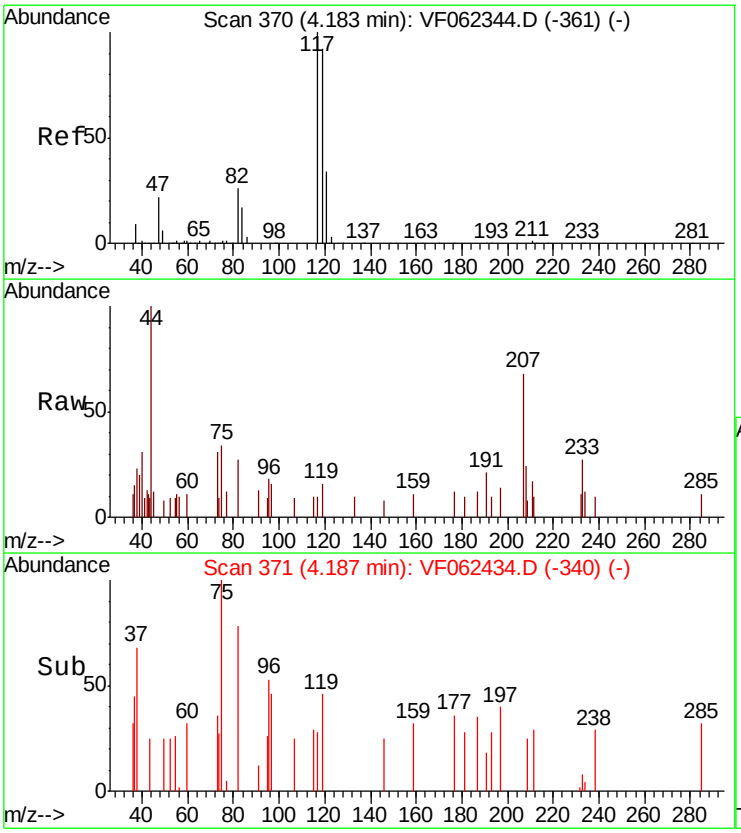
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.31 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Instrument : MSVOA_F
ClientSampleId : VF0510SBL02

Tgt Ion: 43 Resp: 274

Ion	Ratio	Lower	Upper
43	100		
61	28.8	0.0	0.0#
70	62.0	8.2	12.2#

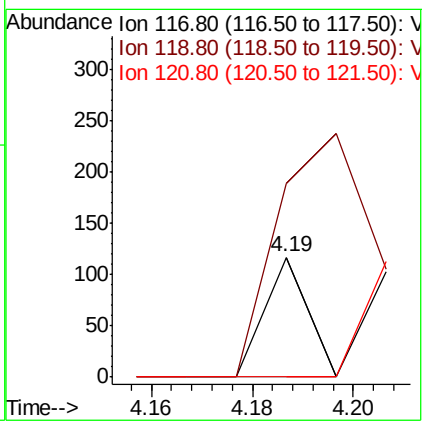


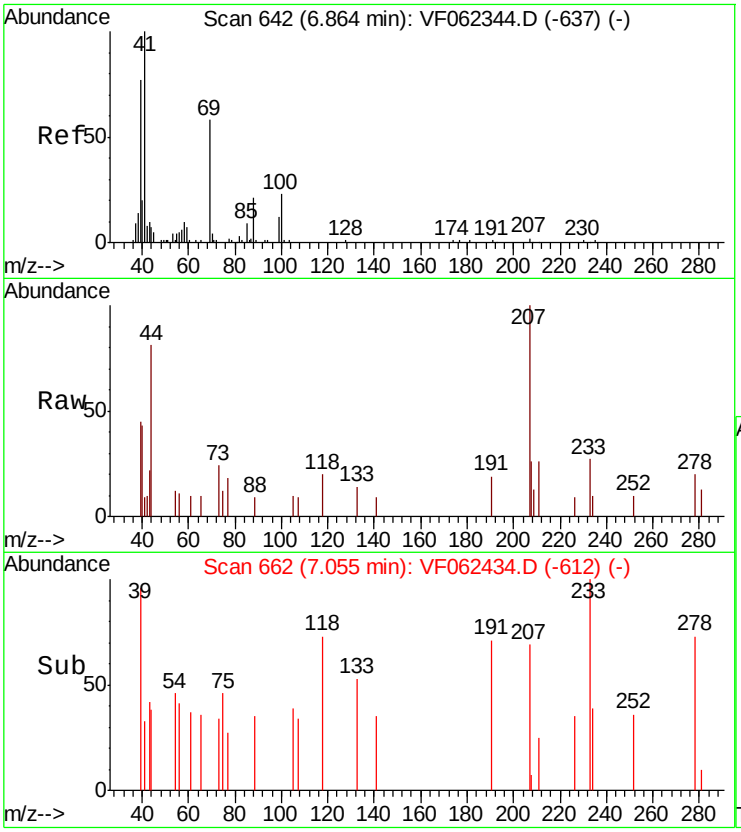


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.19 min Scan# 371
Delta R.T. 0.00 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Tgt Ion:117 Resp: 69

Ion	Ratio	Lower	Upper
117	100		
119	161.5	73.4	110.2#
121	0.0	27.4	41.0#



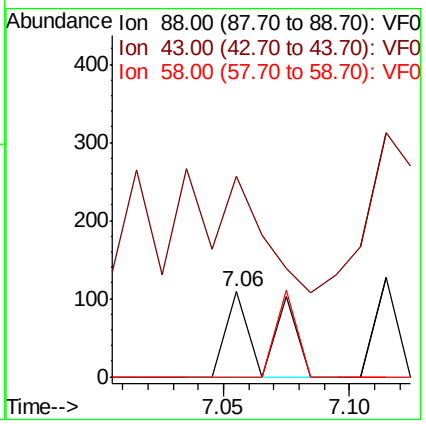


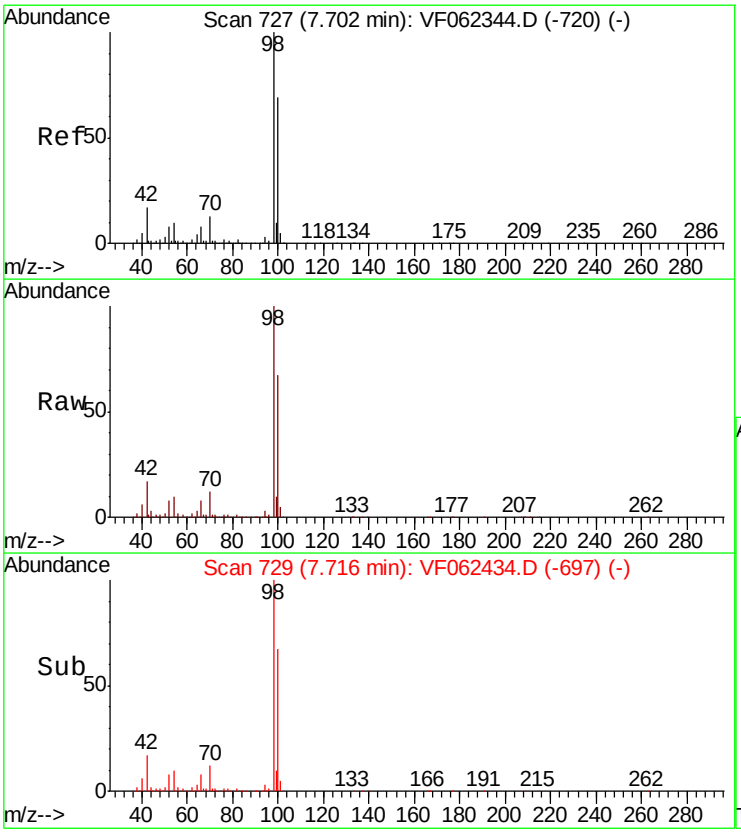
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.06 min Scan# 662
Delta R.T. 0.19 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Instrument : MSVOA_F
ClientSampleId : VF0510SBL02

Tgt Ion: 88 Resp: 125

Ion	Ratio	Lower	Upper
88	100		
43	0.0	55.6	83.4#
58	52.0	52.8	79.2#

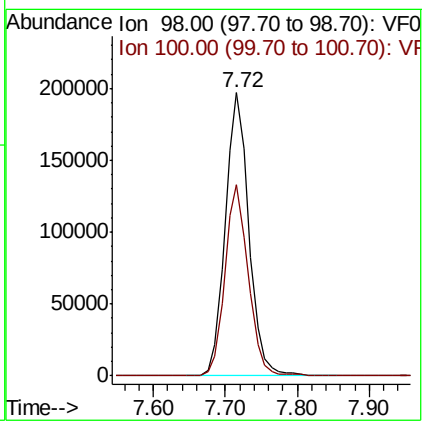


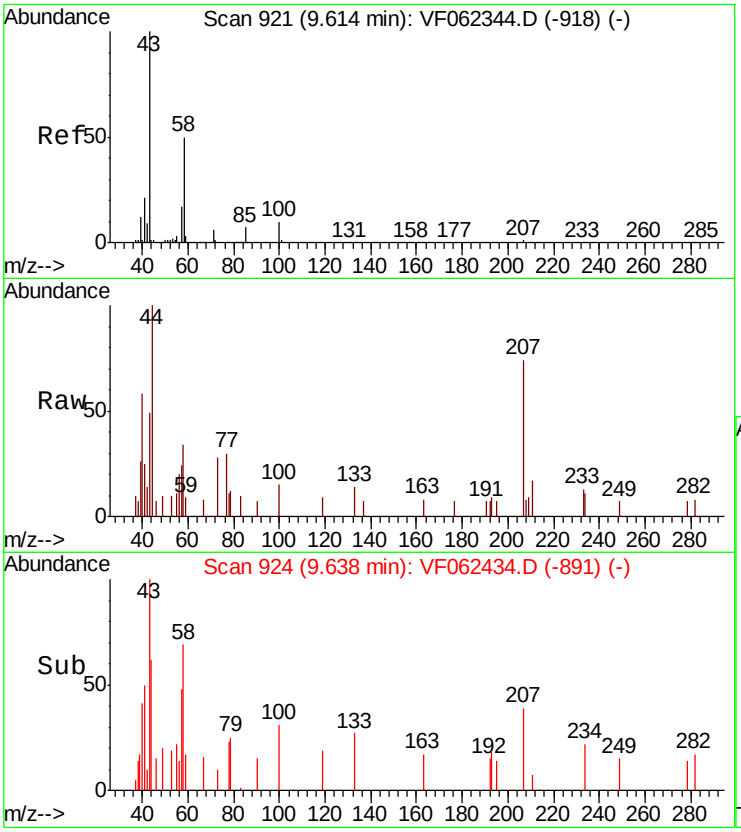


#50
Toluene-d8
Concen: 51.914 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Tgt Ion: 98 Resp: 447897

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.3	79.9



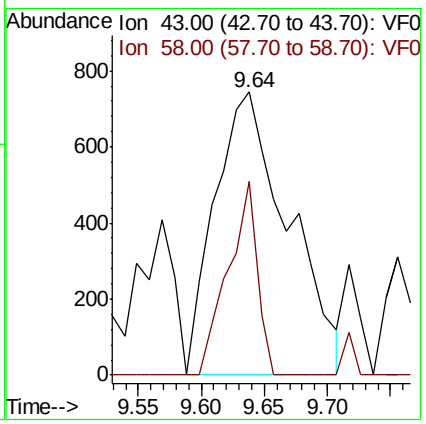


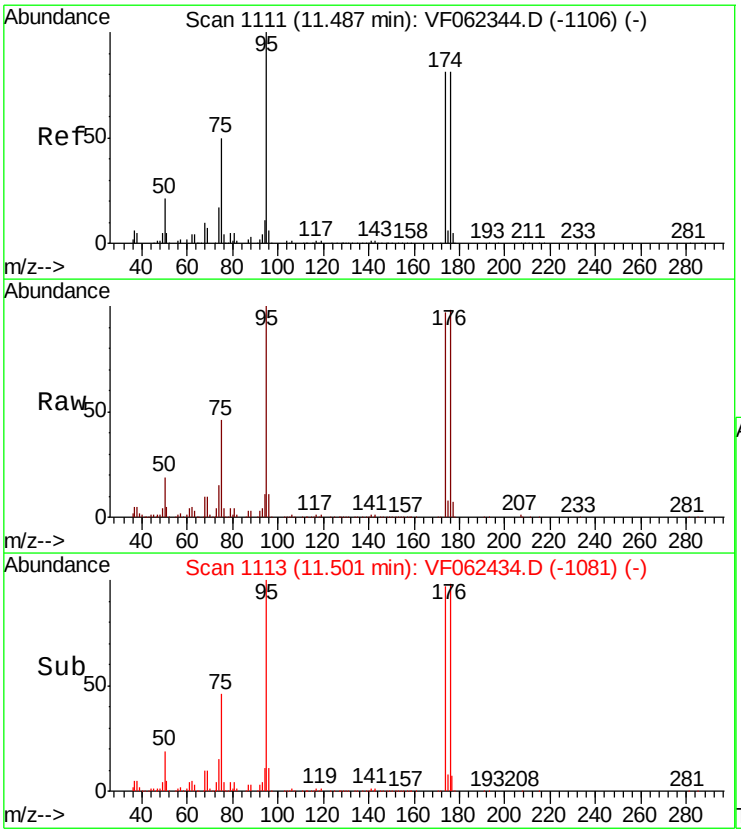
#59
2-Hexanone
Concen: 3.292 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.02 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Instrument : MSVOA_F
ClientSampleId : VF0510SBL02

Tgt Ion: 43 Resp: 3016

Ion	Ratio	Lower	Upper
43	100		
58	27.1	24.3	73.0

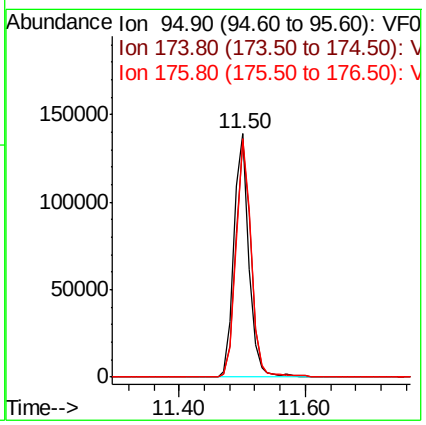


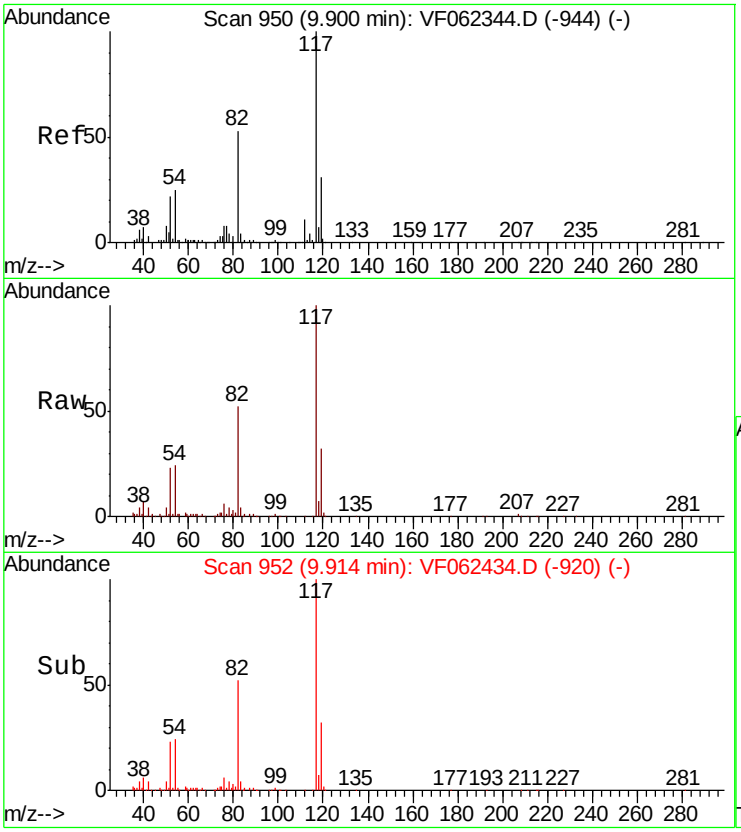


#62
4-Bromofluorobenzene
Concen: 57.694 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Tgt Ion: 95 Resp: 224575

Ion	Ratio	Lower	Upper
95	100		
174	98.4	0.0	191.8
176	98.7	0.0	193.2



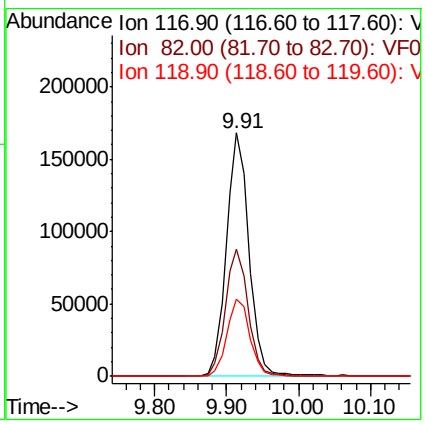


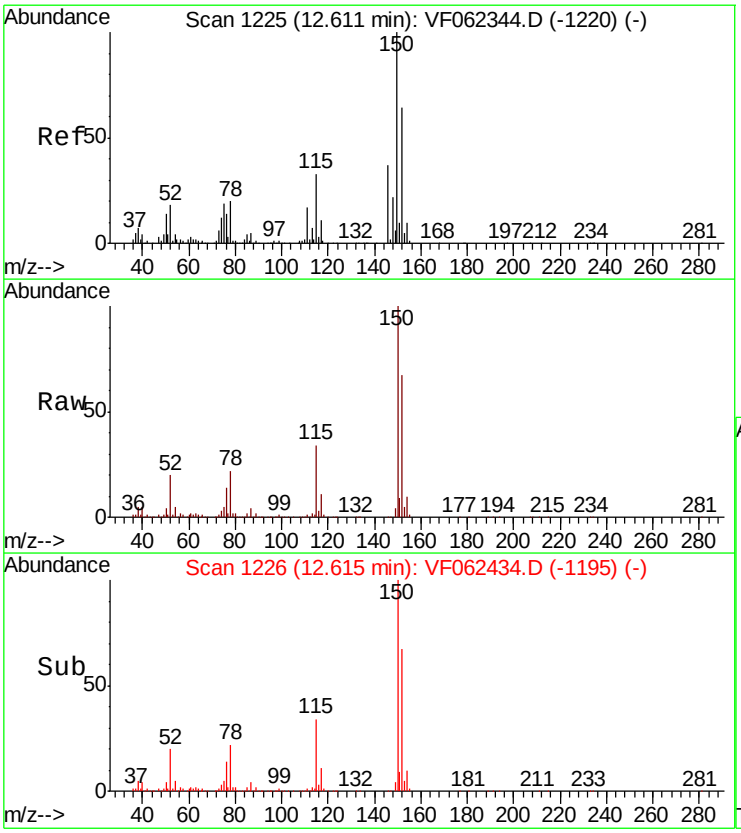
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Instrument : MSVOA_F
ClientSampleId : VF0510SBL02

Tgt Ion:117 Resp: 367261

Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.2	63.2
119	31.7	25.0	37.4

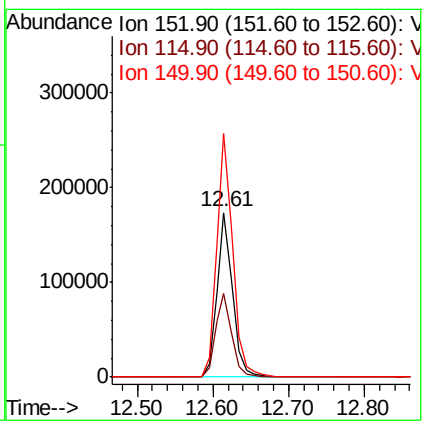


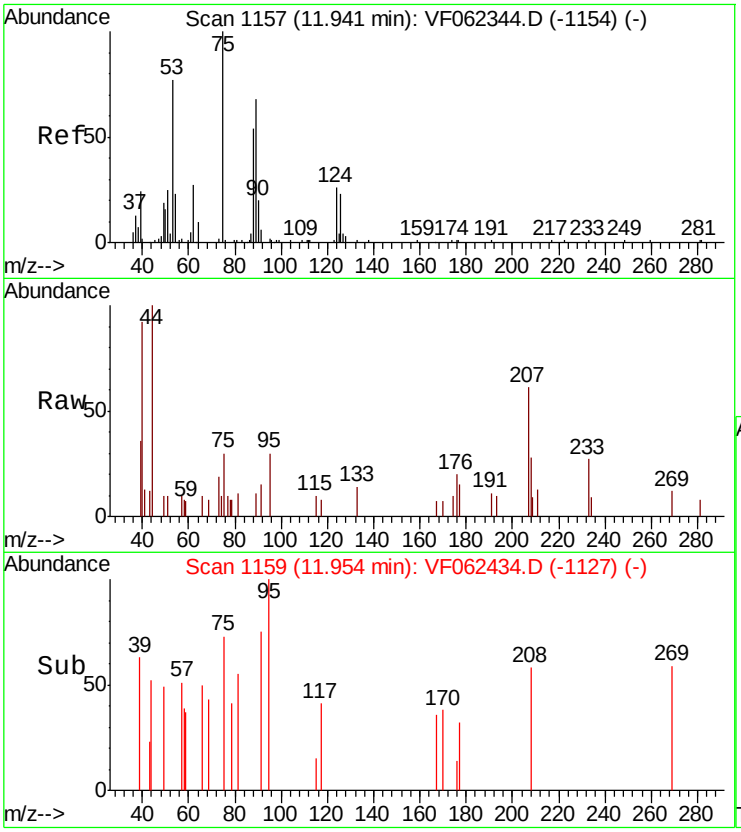


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Tgt Ion:152 Resp: 252432

Ion	Ratio	Lower	Upper
152	100		
115	52.8	26.4	79.2
150	152.0	0.0	335.0





#81
trans-1,4-Dichloro-2-butene
Concen: 1.252 ug/l
RT: 11.95 min Scan# 1159
Delta R.T. 0.01 min
Lab File: VF062434.D
Acq: 10 May 2019 22:35

Instrument :
MSVOA_F
ClientSampleId :
VF0510SBL02

Tgt Ion: 75 Resp: 841

Ion	Ratio	Lower	Upper
75	100		
53	16.6	71.9	107.9#
89	42.7	0.0	0.0#