Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF042319\
Data File : VF062258.D
Acq On : 23 Apr 2019 12:26
Operator : FY/SY
Sample : VF0423SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0423SBL01

Quant Time: Apr 23 12:47:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	383754	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	582558	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	438971	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	293268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	201035	57.13	ug/l	0.03
Spiked Amount 50.000			Recovery = 114.26%			
35) Dibromofluoromethane	4.32	113	275431	54.05	ug/l	0.02
Spiked Amount 50.000			Recovery = 108.10%			
50) Toluene-d8	7.72	98	696841	54.02	ug/l	0.02
Spiked Amount 50.000			Recovery = 108.04%			
62) 4-Bromofluorobenzene	11.50	95	289923	58.42	ug/l	0.02
Spiked Amount 50.000			Recovery = 116.84%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.72	59	1165	4.763	ug/l #	79
13) Acrolein	2.07	56	826	Below Cal		83
15) Acrylonitrile	3.09	53	2118	2.843	ug/l #	38
16) Acetone	2.35	43	3120	3.709	ug/l #	80
18) Methyl Acetate	2.49	43	17949	4.608	ug/l #	65
20) Methylene Chloride	2.32	84	11780	Below Cal #		92
25) 2-Butanone	4.54	43	2188	1.301	ug/l	92
29) Tetrahydrofuran	4.28	42	1967	2.584	ug/l #	56
49) 1,4-Dioxane	6.94	88	69	2.641	ug/l #	1
51) 4-Methyl-2-Pentanone	8.42	43	5513	2.138	ug/l #	87
59) 2-Hexanone	9.63	43	9536	6.065	ug/l	87
74) N-amyl acetate	11.45	43	5836	Below Cal #		77
89) n-Butylbenzene	12.90	91	4332	Below Cal		90

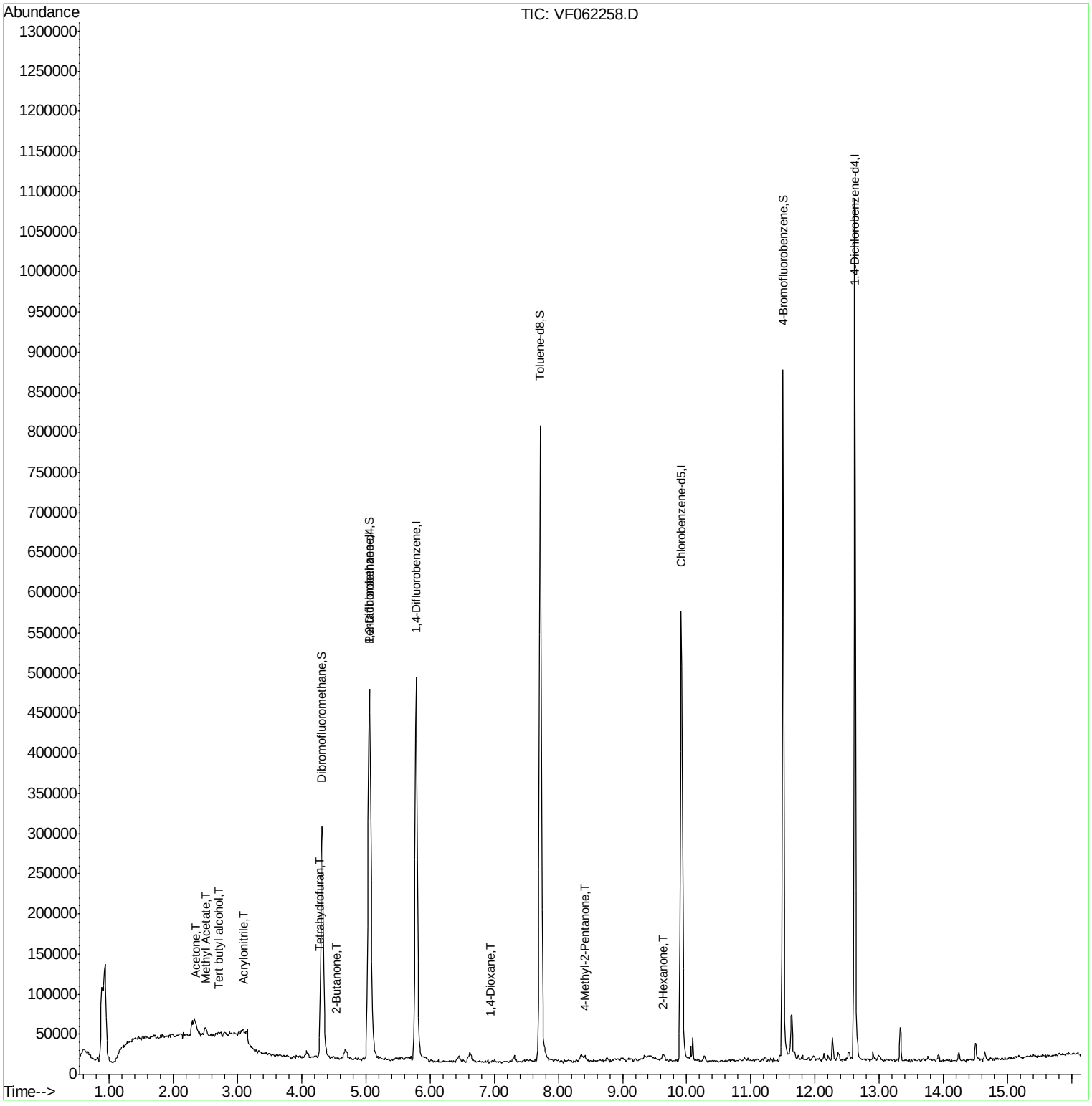
(#) = qualifier out of range (m) = manual integration (+) = signals summed

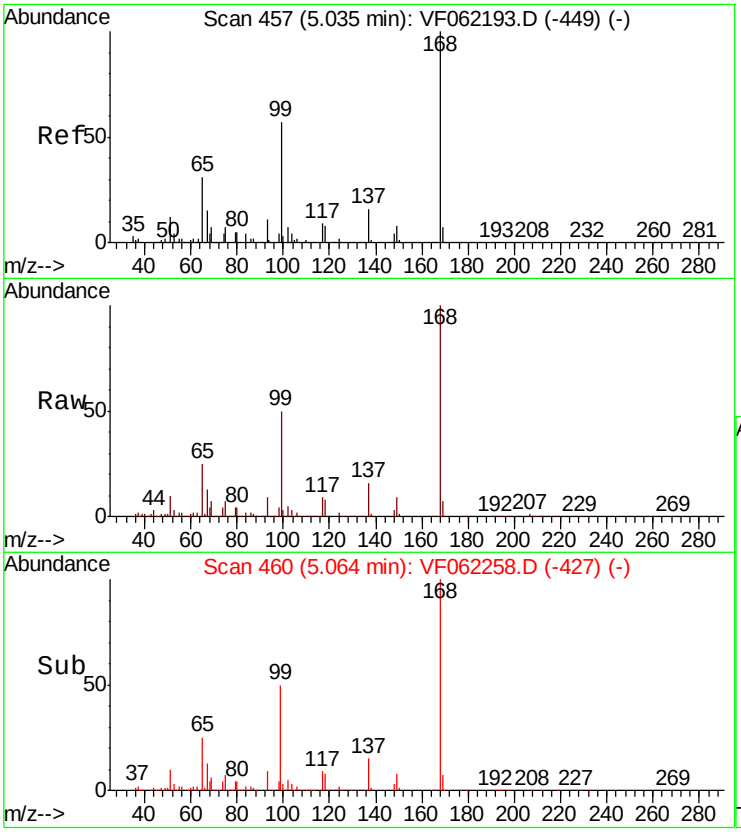
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF042319\
Data File : VF062258.D
Acq On : 23 Apr 2019 12:26
Operator : FY/SY
Sample : VF0423SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0423SBL01

Quant Time: Apr 23 12:47:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration



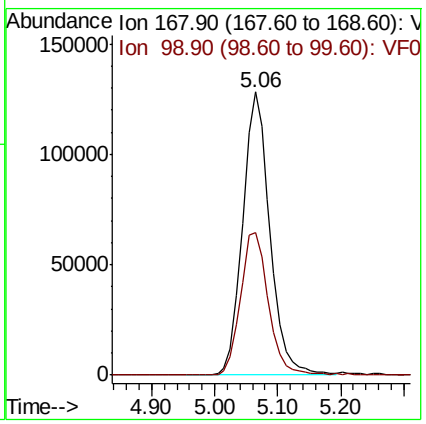


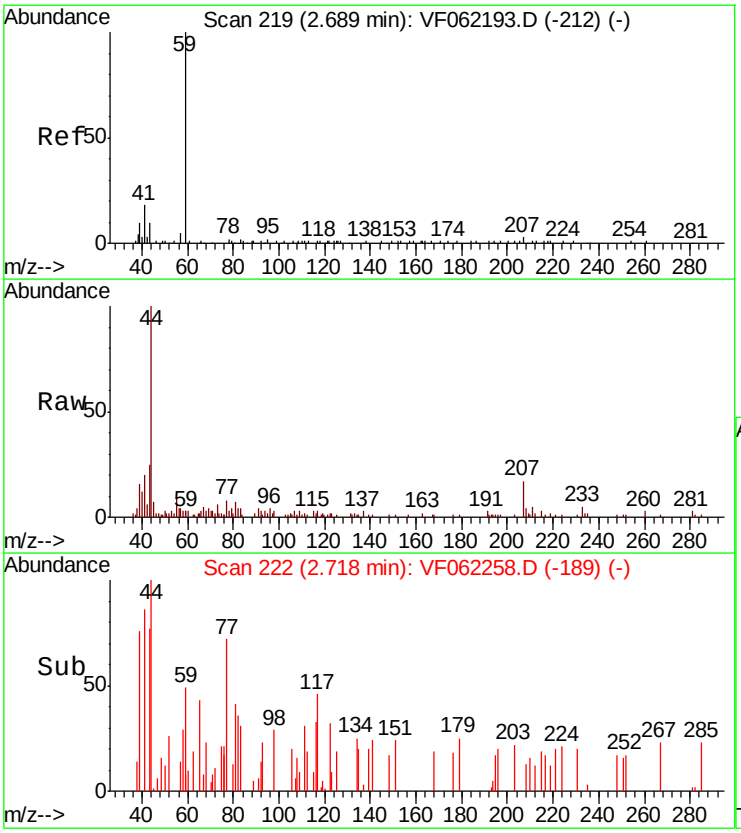
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 460
Delta R.T. 0.03 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Instrument :
MSVOA_F
ClientSampleId :
VF0423SBL01

Tgt Ion:168 Resp: 383754

Ion	Ratio	Lower	Upper
168	100		
99	50.3	45.5	68.3

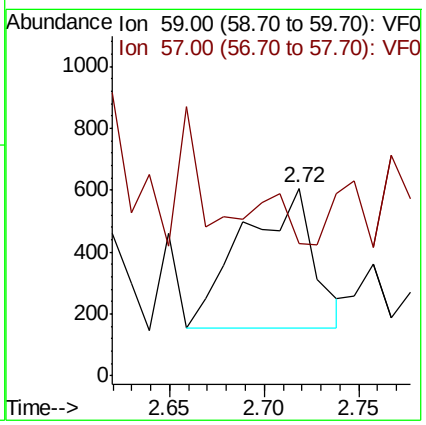


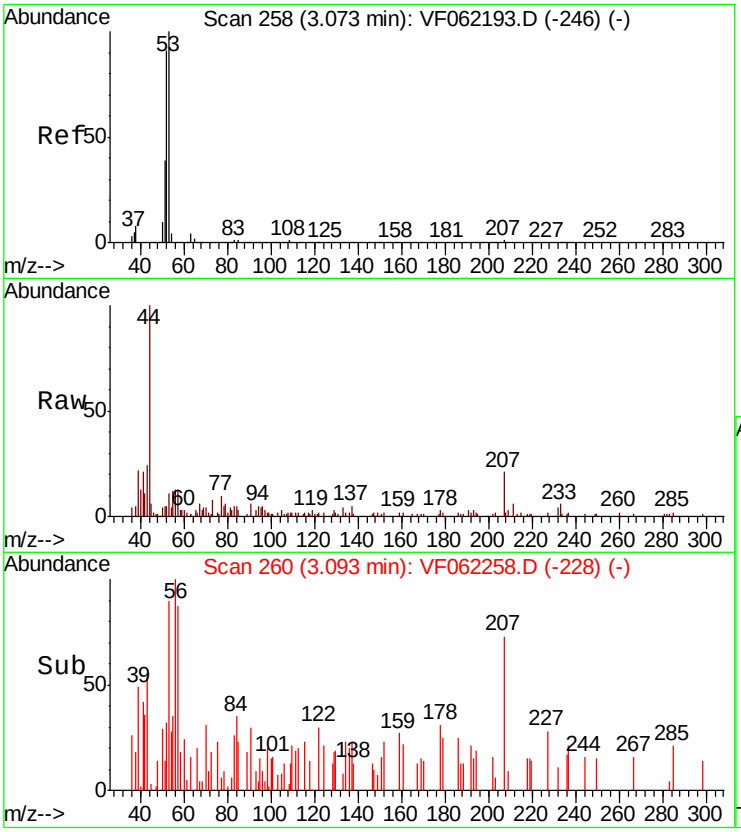


#11
Tert butyl alcohol
Concen: 4.763 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.03 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Tgt Ion: 59 Resp: 1165

Ion	Ratio	Lower	Upper
59	100		
57	19.6	9.3	13.9#



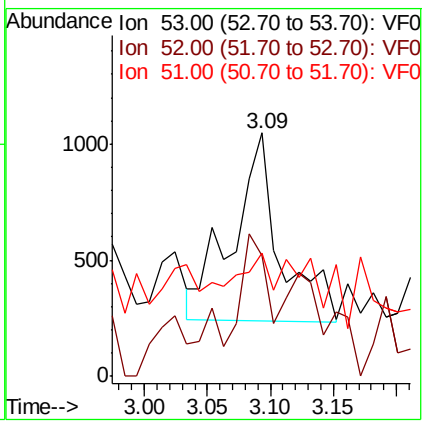


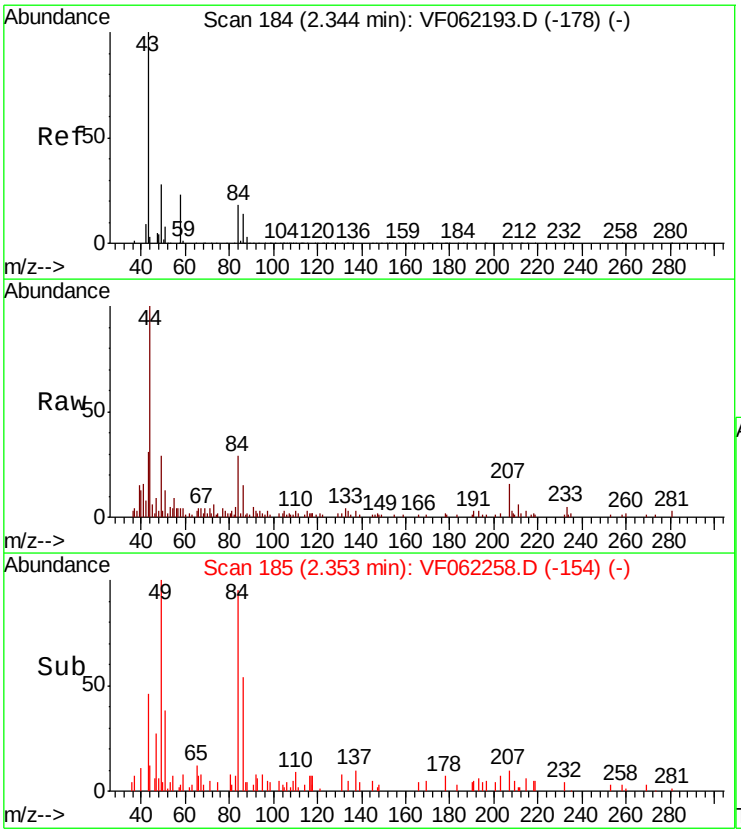
#15
Acrylonitrile
Concen: 2.843 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.02 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Instrument : MSVOA_F
ClientSampleId : VF0423SBL01

Tgt Ion: 53 Resp: 2118

Ion	Ratio	Lower	Upper
53	100		
52	31.0	69.5	104.3#
51	0.0	31.8	47.8#

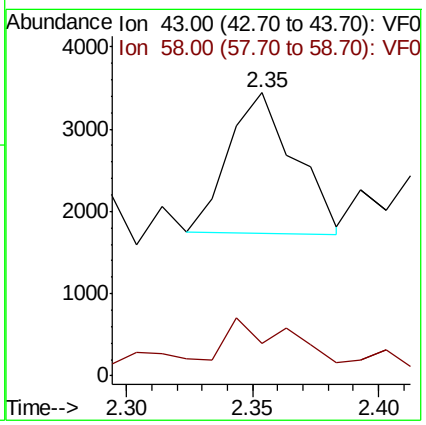


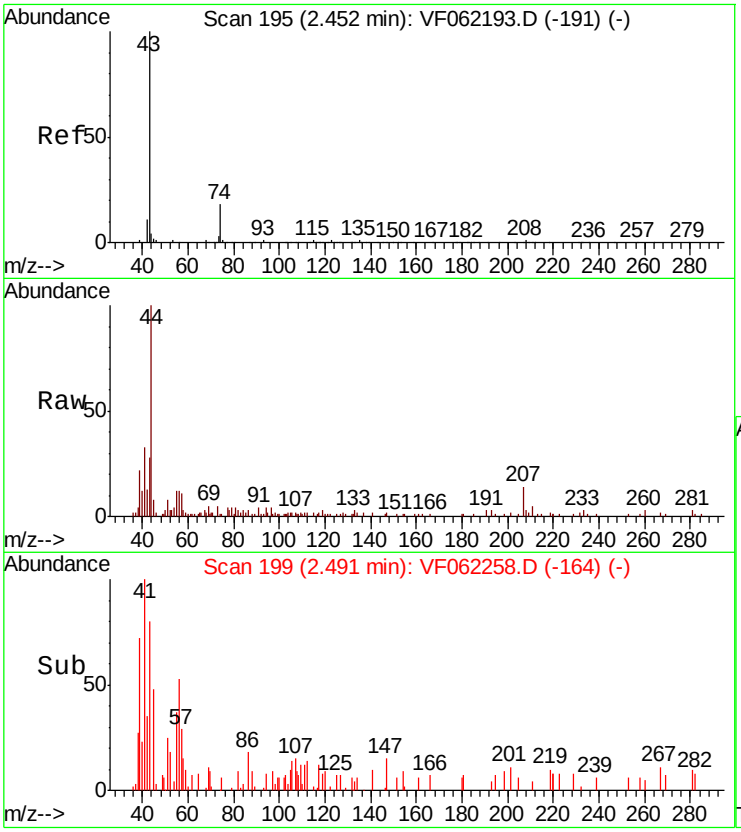


#16
Acetone
Concen: 3.709 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Tgt Ion: 43 Resp: 3120

Ion	Ratio	Lower	Upper
43	100		
58	13.9	18.8	28.2#



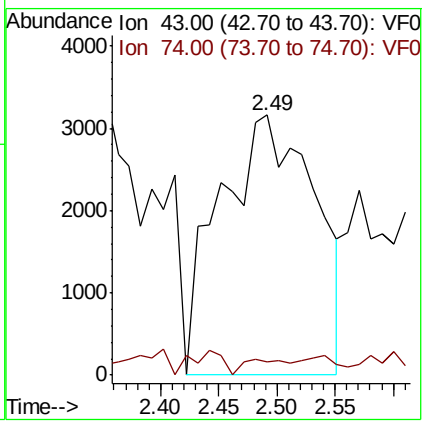


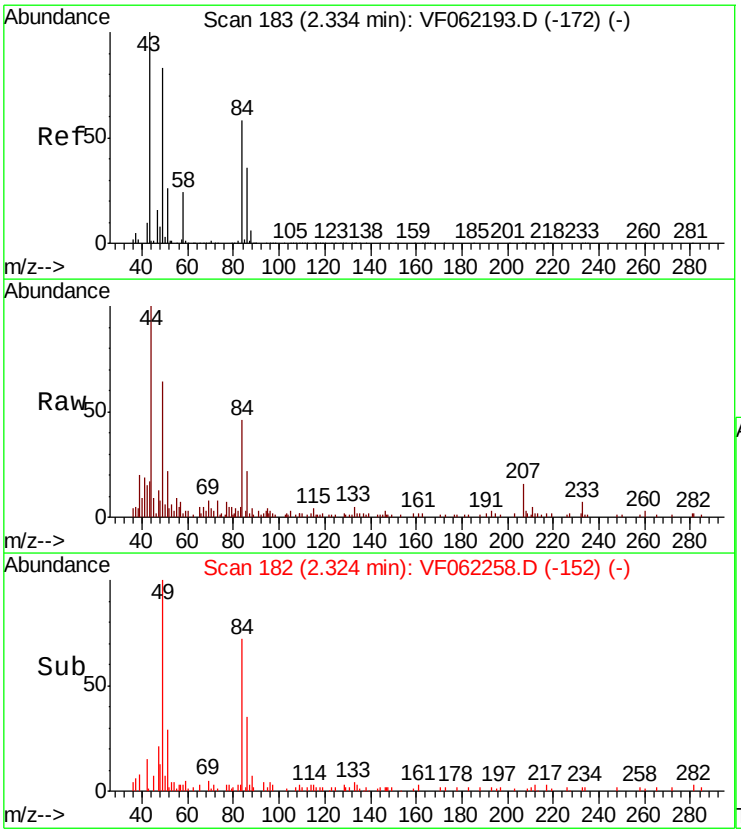
#18
Methyl Acetate
Concen: 4.608 ug/l
RT: 2.49 min Scan# 199
Delta R.T. 0.04 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Instrument : MSVOA_F
ClientSampleId : VF0423SBL01

Tgt Ion: 43 Resp: 17949

Ion	Ratio	Lower	Upper
43	100		
74	2.8	14.5	21.7#

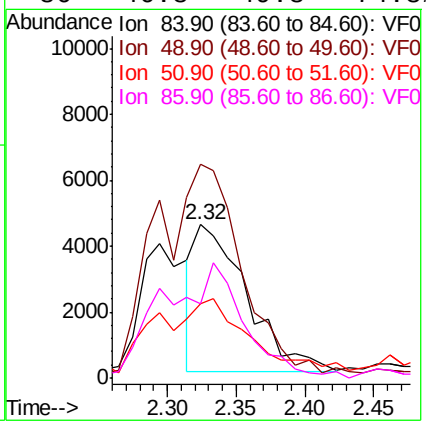


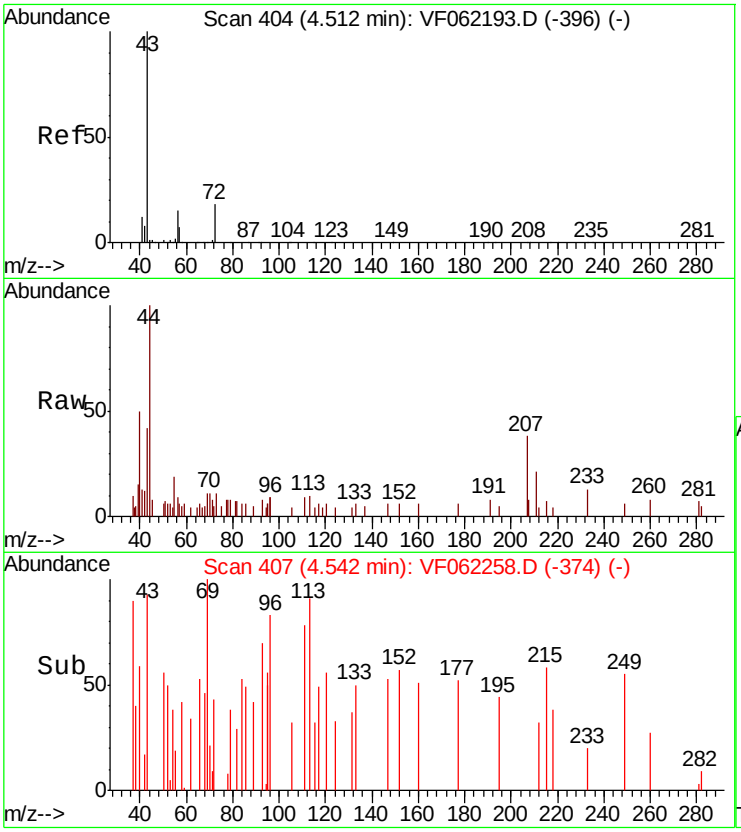


#20
Methylene Chloride
Concen: Below Cal
RT: 2.32 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Tgt Ion: 84 Resp: 11780

Ion	Ratio	Lower	Upper
84	100		
49	139.9	114.0	171.0
51	40.6	37.0	55.4
86	46.8	49.8	74.8#



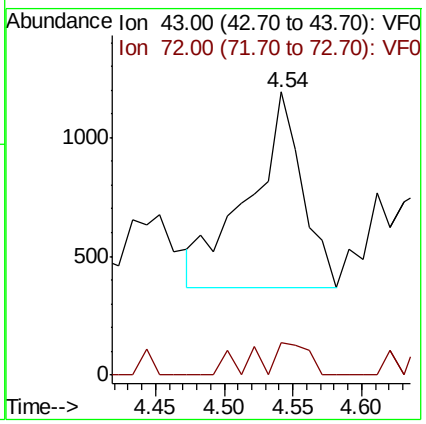


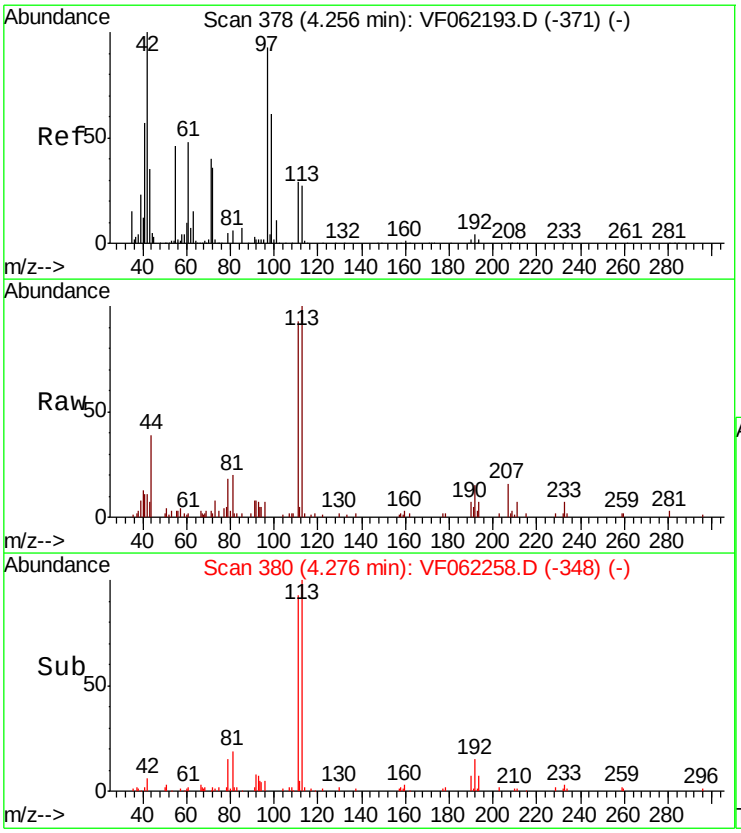
#25
2-Butanone
Concen: 1.301 ug/l
RT: 4.54 min Scan# 407
Delta R.T. 0.03 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Instrument : MSVOA_F
ClientSampleId : VF0423SBL01

Tgt Ion: 43 Resp: 2188

Ion	Ratio	Lower	Upper
43	100		
72	16.3	16.1	24.1

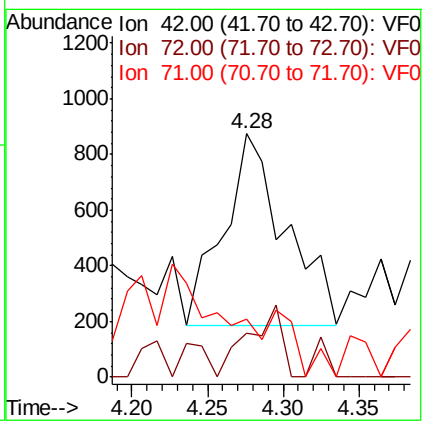


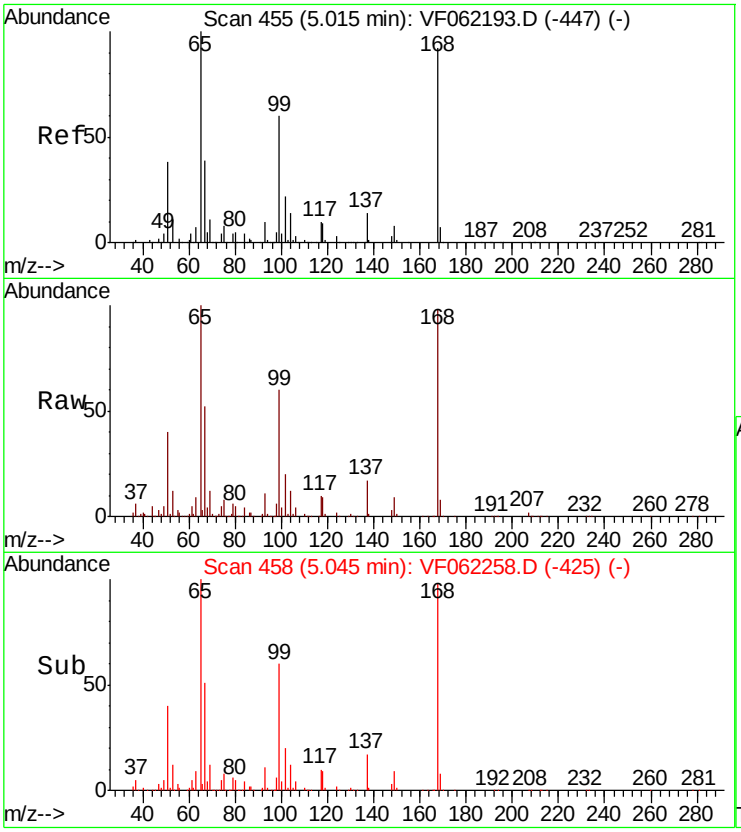


#29
Tetrahydrofuran
Concen: 2.584 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.02 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Tgt Ion: 42 Resp: 1967

Ion	Ratio	Lower	Upper
42	100		
72	20.2	28.6	43.0#
71	0.0	29.2	43.8#



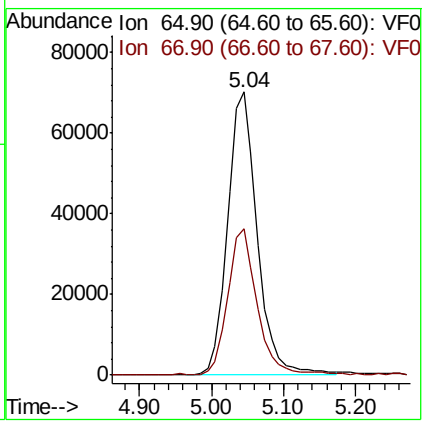


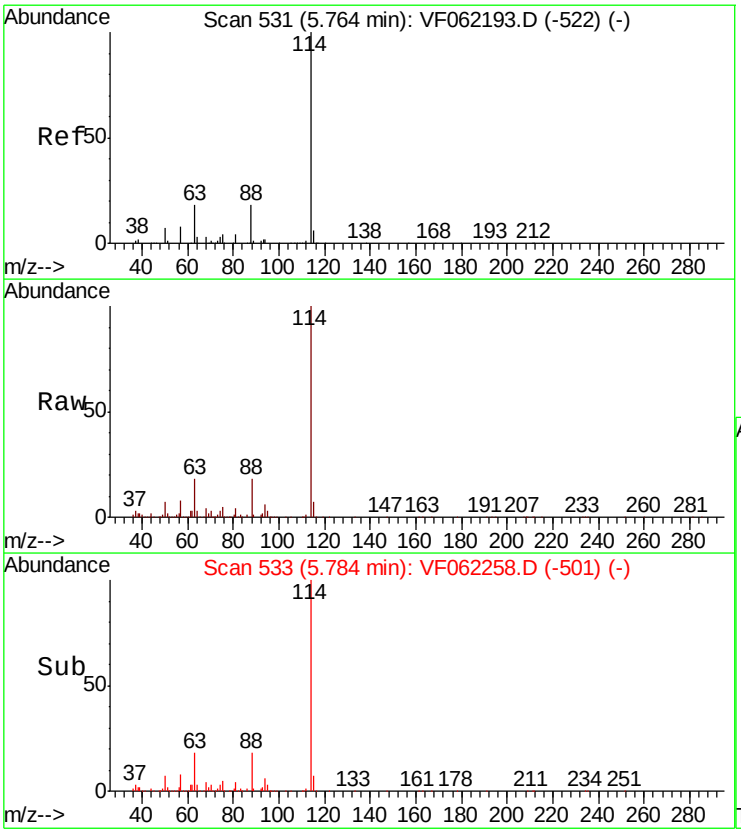
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.03 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Instrument :
MSVOA_F
ClientSampleId :
VF0423SBL01

Tgt Ion: 65 Resp: 201035

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	109.4

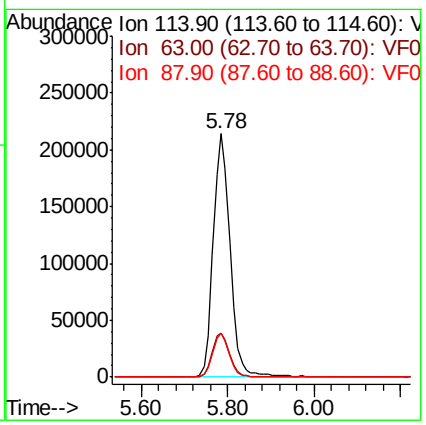


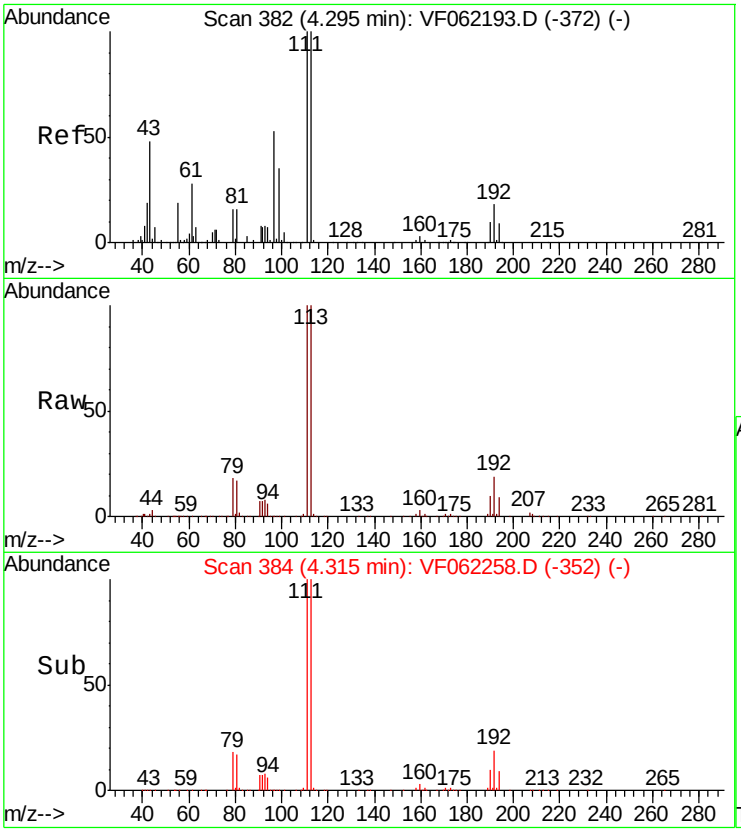


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.02 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Tgt Ion:114 Resp: 582558

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	36.6
88	18.1	0.0	35.8



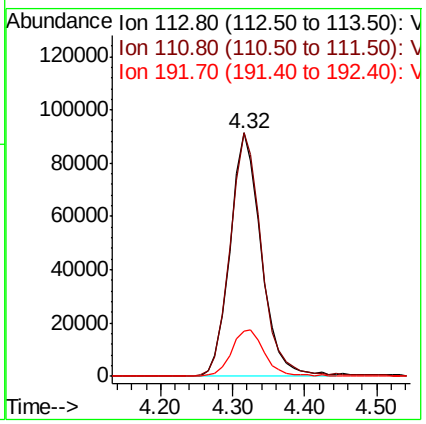


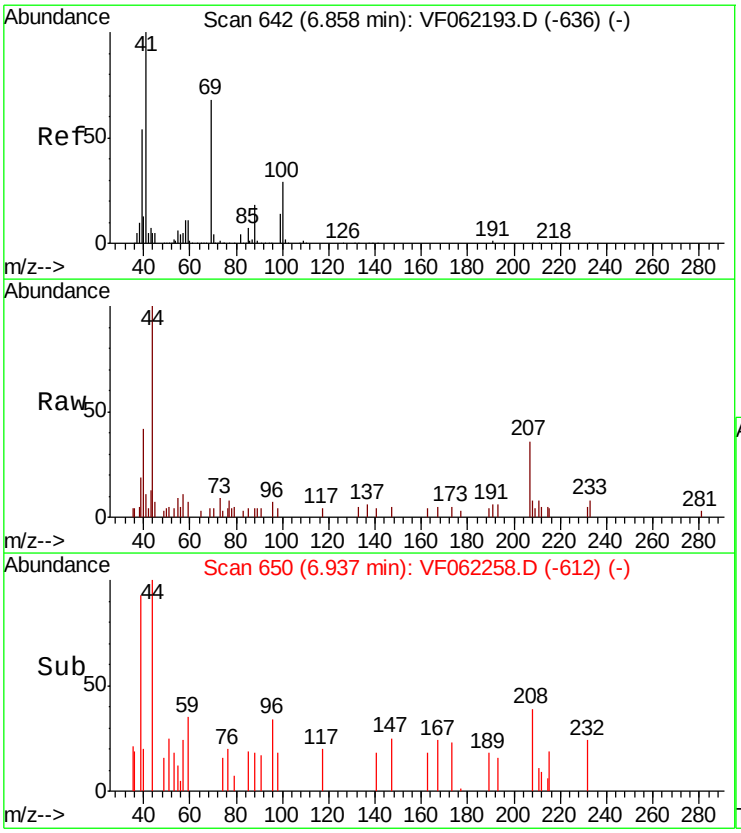
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Instrument :
MSVOA_F
ClientSampleId :
VF0423SBL01

Tgt Ion:113 Resp: 275431

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.1	121.7
192	20.6	14.7	22.1

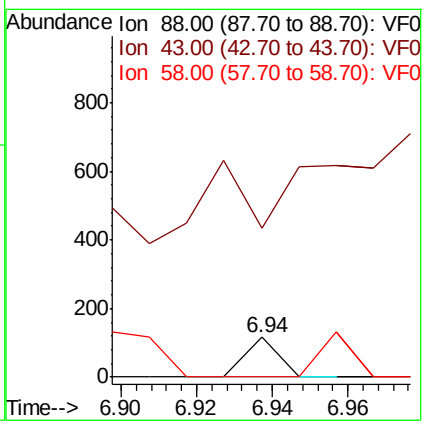


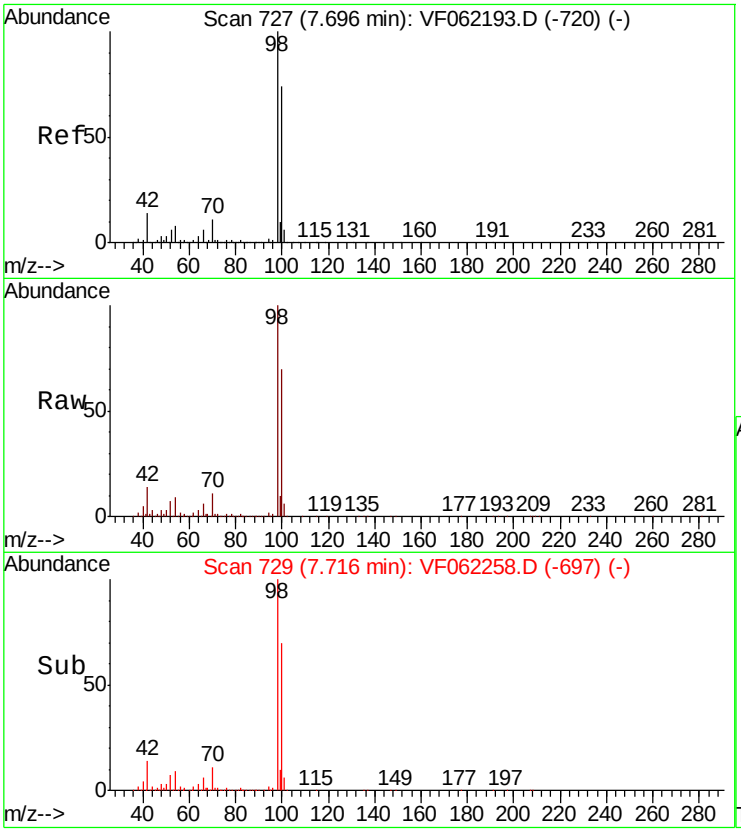


#49
1,4-Dioxane
Concen: 2.641 ug/l
RT: 6.94 min Scan# 650
Delta R.T. 0.08 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Tgt Ion: 88 Resp: 69

Ion	Ratio	Lower	Upper
88	100		
43	3001.4	36.9	55.3#
58	0.0	56.8	85.2#



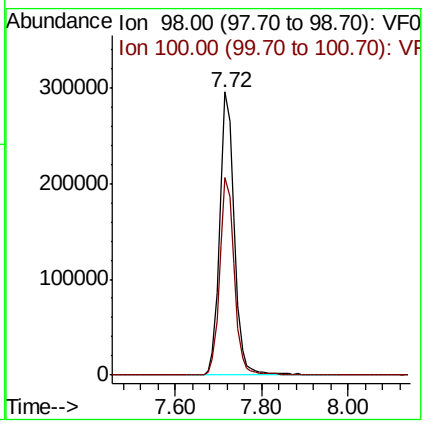


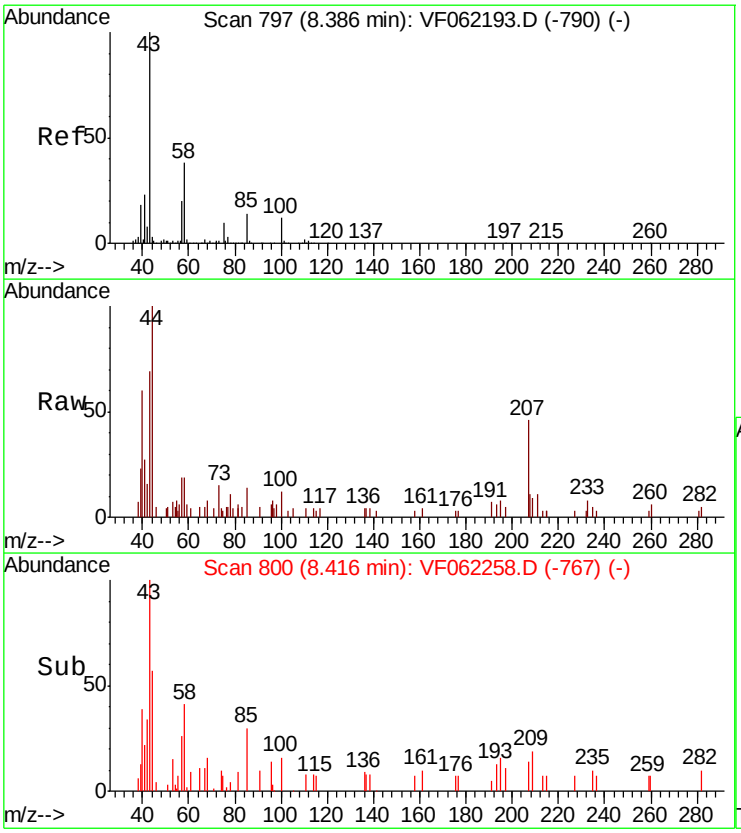
#50
Toluene-d8
Concen: 2.641 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Instrument :
MSVOA_F
ClientSampleId :
VF0423SBL01

Tgt Ion: 98 Resp: 696841

Ion	Ratio	Lower	Upper
98	100		
100	68.9	56.2	84.2

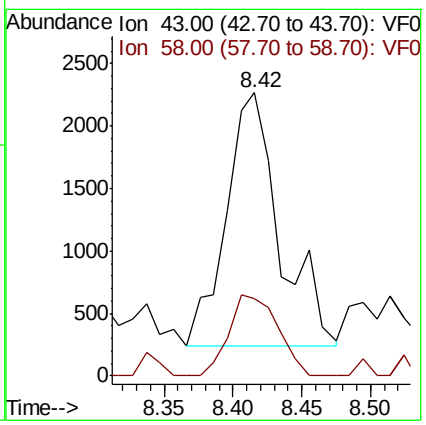


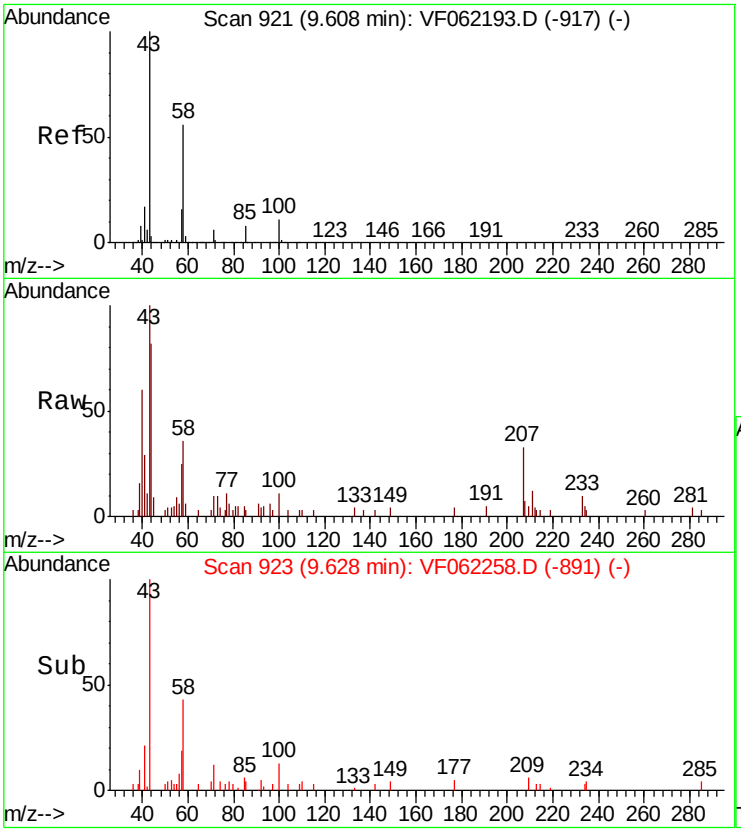


#51
4-Methyl-2-Pentanone
Concen: 2.138 ug/l
RT: 8.42 min Scan# 800
Delta R.T. 0.03 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Tgt Ion: 43 Resp: 5513

Ion	Ratio	Lower	Upper
43	100		
58	28.9	29.3	43.9#



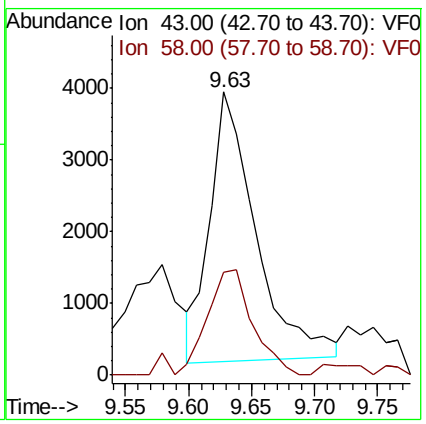


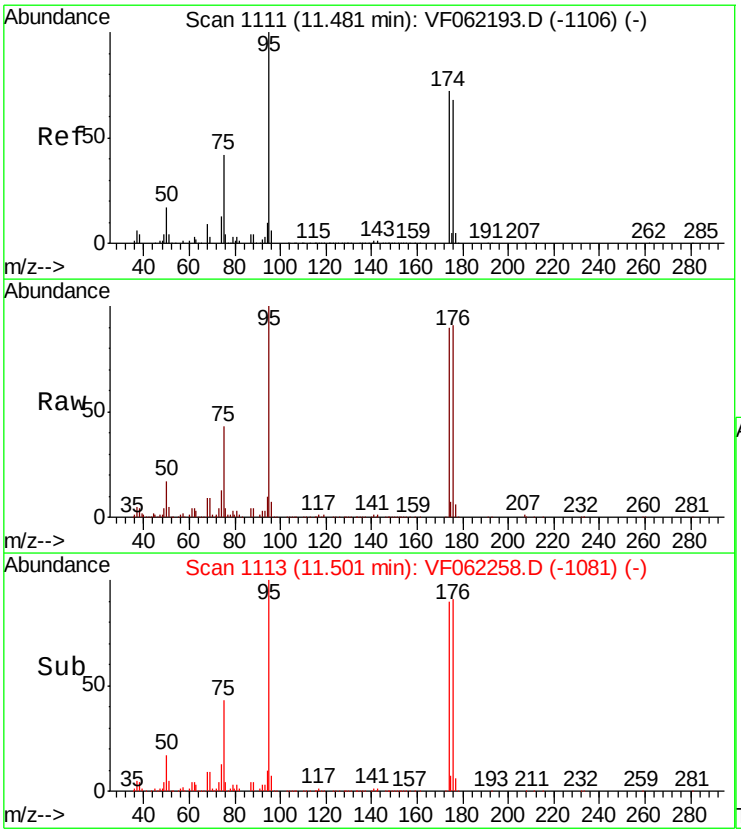
#59
2-Hexanone
Concen: 6.065 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.02 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Instrument :
MSVOA_F
ClientSampleId :
VF0423SBL01

Tgt Ion: 43 Resp: 9536

Ion	Ratio	Lower	Upper
43	100		
58	40.7	24.6	74.0

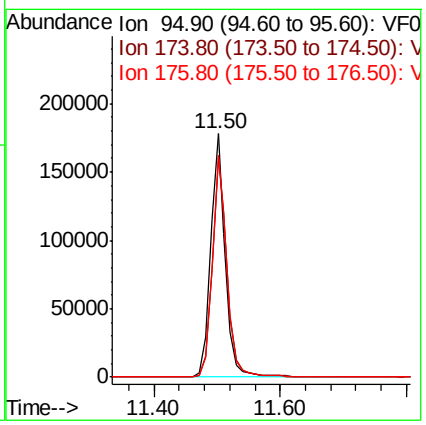


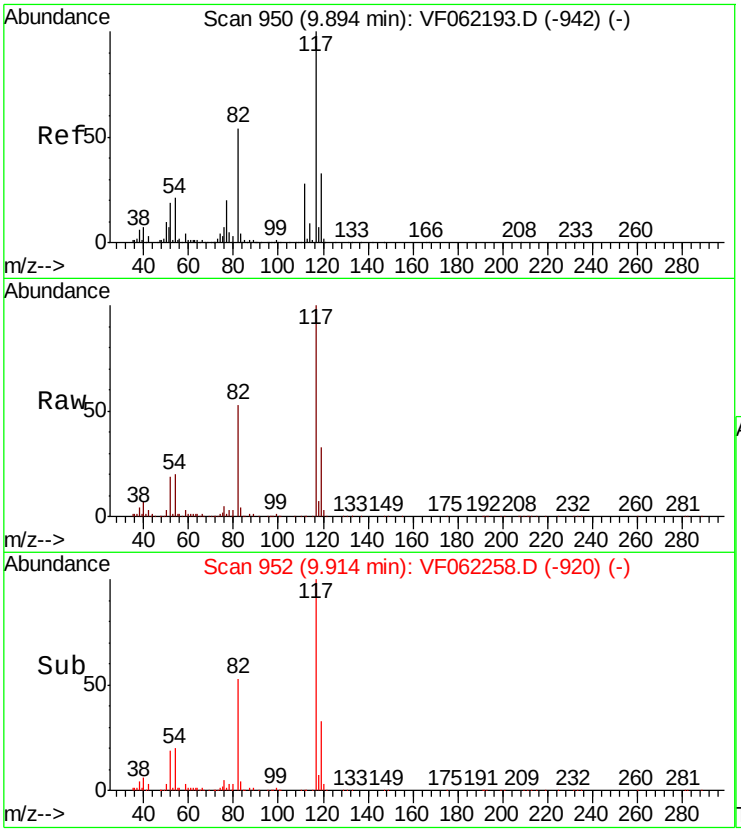


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Tgt Ion: 95 Resp: 289923

Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	159.4
176	92.3	0.0	155.4



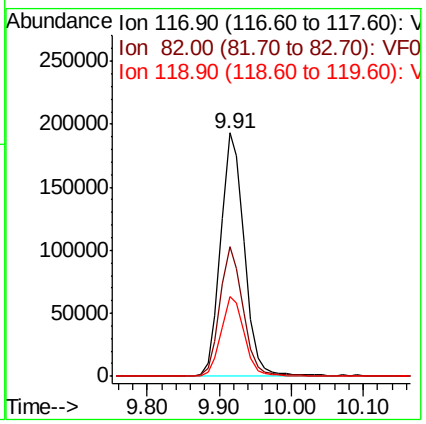


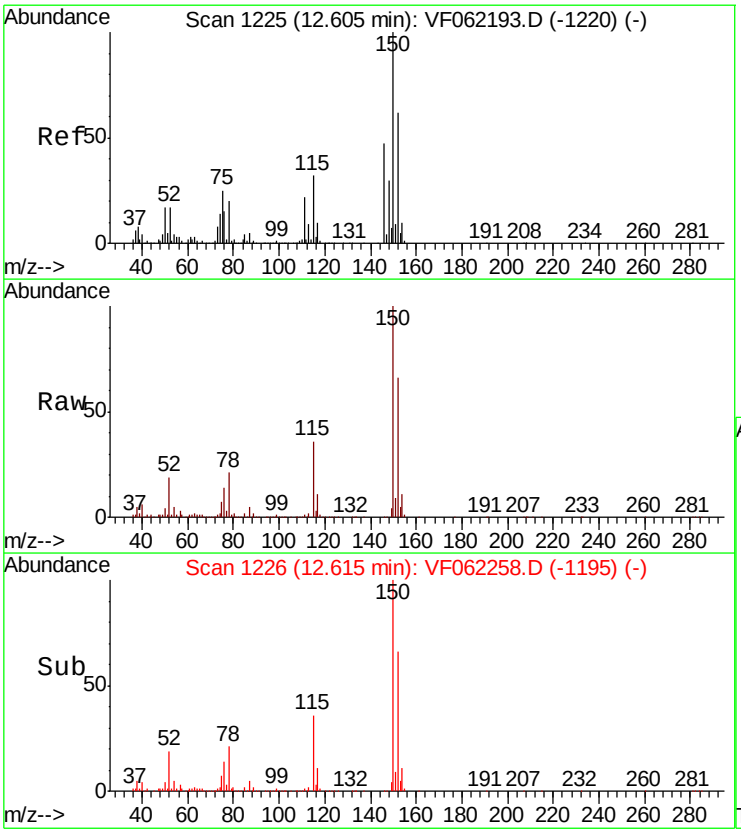
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Instrument : MSVOA_F
ClientSampleId : VF0423SBL01

Tgt Ion:117 Resp: 438971

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.2	64.8
119	32.6	26.2	39.4

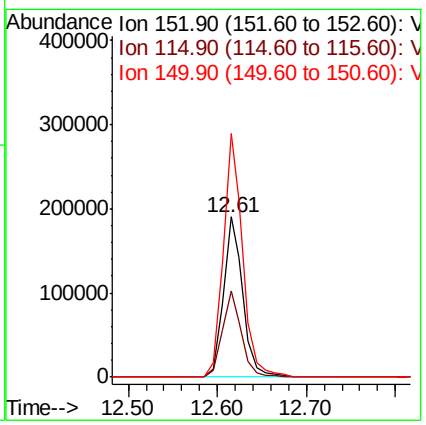


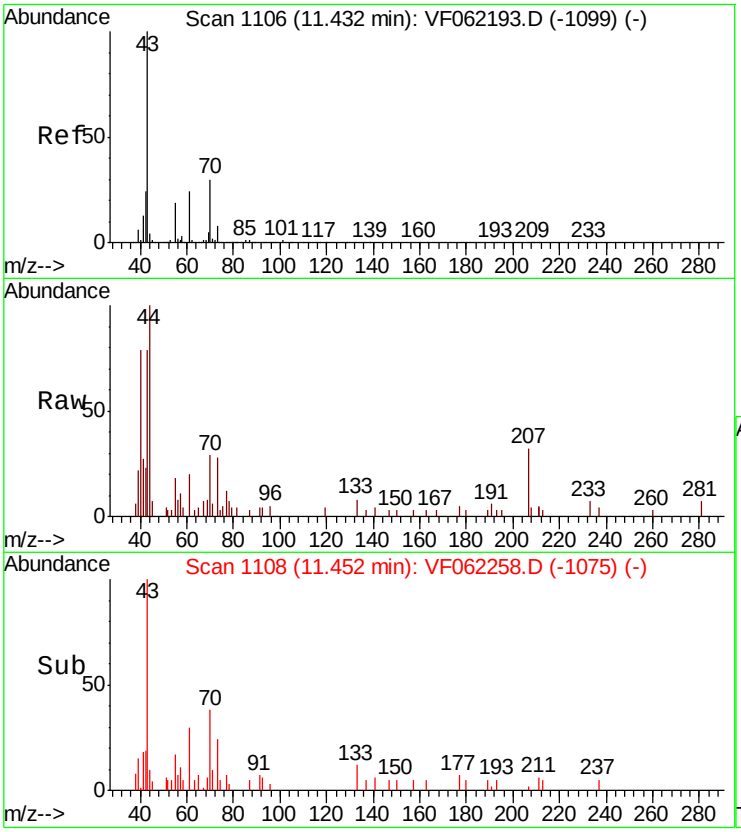


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Tgt Ion:152 Resp: 293268

Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.8	83.3
150	152.0	0.0	341.8



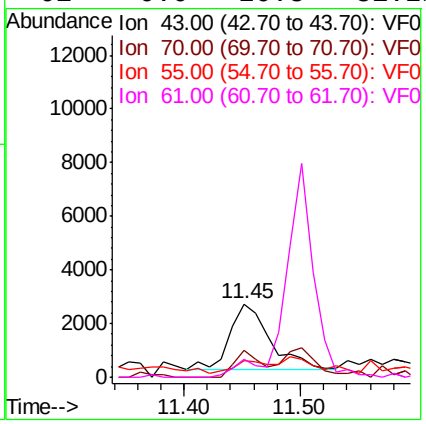


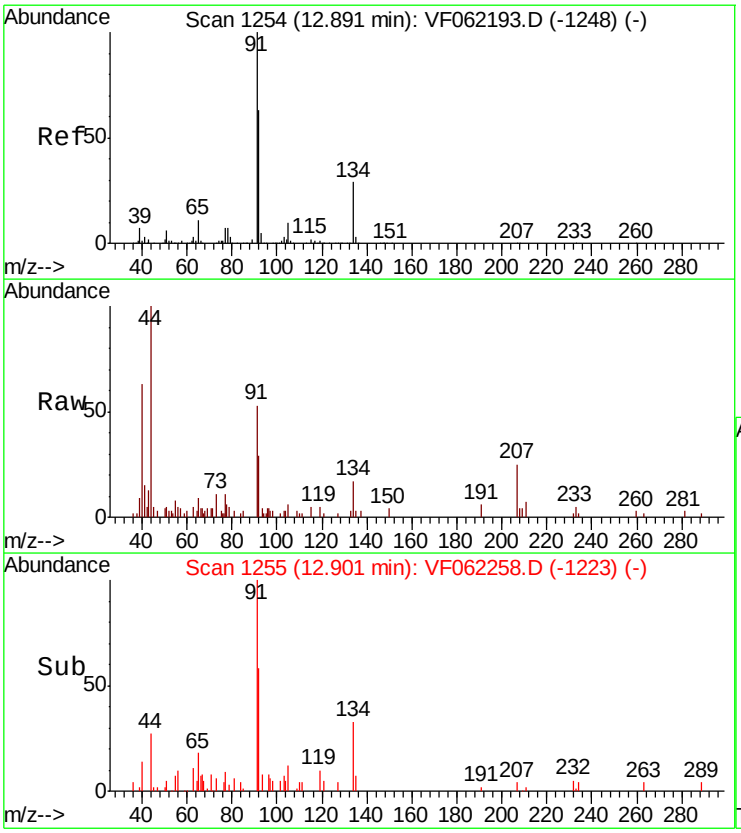
#74
N-amyl acetate
Concen: Below Cal
RT: 11.45 min Scan# 1108
Delta R.T. 0.02 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Instrument : MSVOA_F
ClientSampleId : VF0423SBL01

Tgt Ion: 43 Resp: 5836

Ion	Ratio	Lower	Upper
43	100		
70	26.0	27.0	40.4#
55	19.0	15.7	23.5
61	0.0	20.8	31.2#





#89
n-Butylbenzene
Concen: Below Cal
RT: 12.90 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VF062258.D
Acq: 23 Apr 2019 12:26

Tgt Ion: 91 Resp: 4332

Ion	Ratio	Lower	Upper
91	100		
92	55.4	31.2	93.6
134	19.2	13.1	39.1