Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062568.D
Acq On : 14 May 2019 4:59
Operator : FY/SY
Sample : K2756-16
Misc : 5.30g/5mL/MSVOA_F/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS008-0002-01

Quant Time: May 14 07:07:57 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	5.08	168	283812	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	359560	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	257519	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	97574	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	113199	42.20	ug/l	0.03
Spiked Amount 50.000			Recovery = 84.40%			
35) Dibromofluoromethane	4.33	113	134563	46.98	ug/l	0.03
Spiked Amount 50.000			Recovery = 93.96%			
50) Toluene-d8	7.73	98	269466	38.86	ug/l	0.03
Spiked Amount 50.000			Recovery = 77.72%			
62) 4-Bromofluorobenzene	11.51	95	89537	28.62	ug/l	0.02
Spiked Amount 50.000			Recovery = 57.24%			
Target Compounds						Qvalue
5) Bromomethane	1.43	94	1360	Below Cal		87
11) Tert butyl alcohol	2.71	59	1111	7.329	ug/l #	70
13) Acrolein	2.11	56	538	Below Cal	#	78
15) Acrylonitrile	3.13	53	1218	4.242	ug/l #	34
16) Acetone	2.36	43	146438	269.893	ug/l	97
18) Methyl Acetate	2.47	43	15462	13.329	ug/l #	82
20) Methylene Chloride	2.31	84	3294	1.678	ug/l #	44
25) 2-Butanone	4.54	43	11644	17.082	ug/l #	91
29) Tetrahydrofuran	4.29	42	816	2.605	ug/l #	51
37) Ethyl Acetate	4.27	43	690	Below Cal	#	73
38) Carbon Tetrachloride	4.29	117	93	Below Cal	#	80
39) Methylcyclohexane	5.79	83	6149	1.985	ug/l #	34
51) 4-Methyl-2-Pentanone	8.43	43	1824	1.713	ug/l #	79
59) 2-Hexanone	9.64	43	1759	2.389	ug/l	67
67) Ethyl Benzene	10.05	91	20600	2.761	ug/l	92
70) Styrene	10.91	104	11626	2.608	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.96	75	369	1.421	ug/l #	54
92) 1,2-Dibromo-3-Chloropropan	13.71	75	309	1.523	ug/l #	1

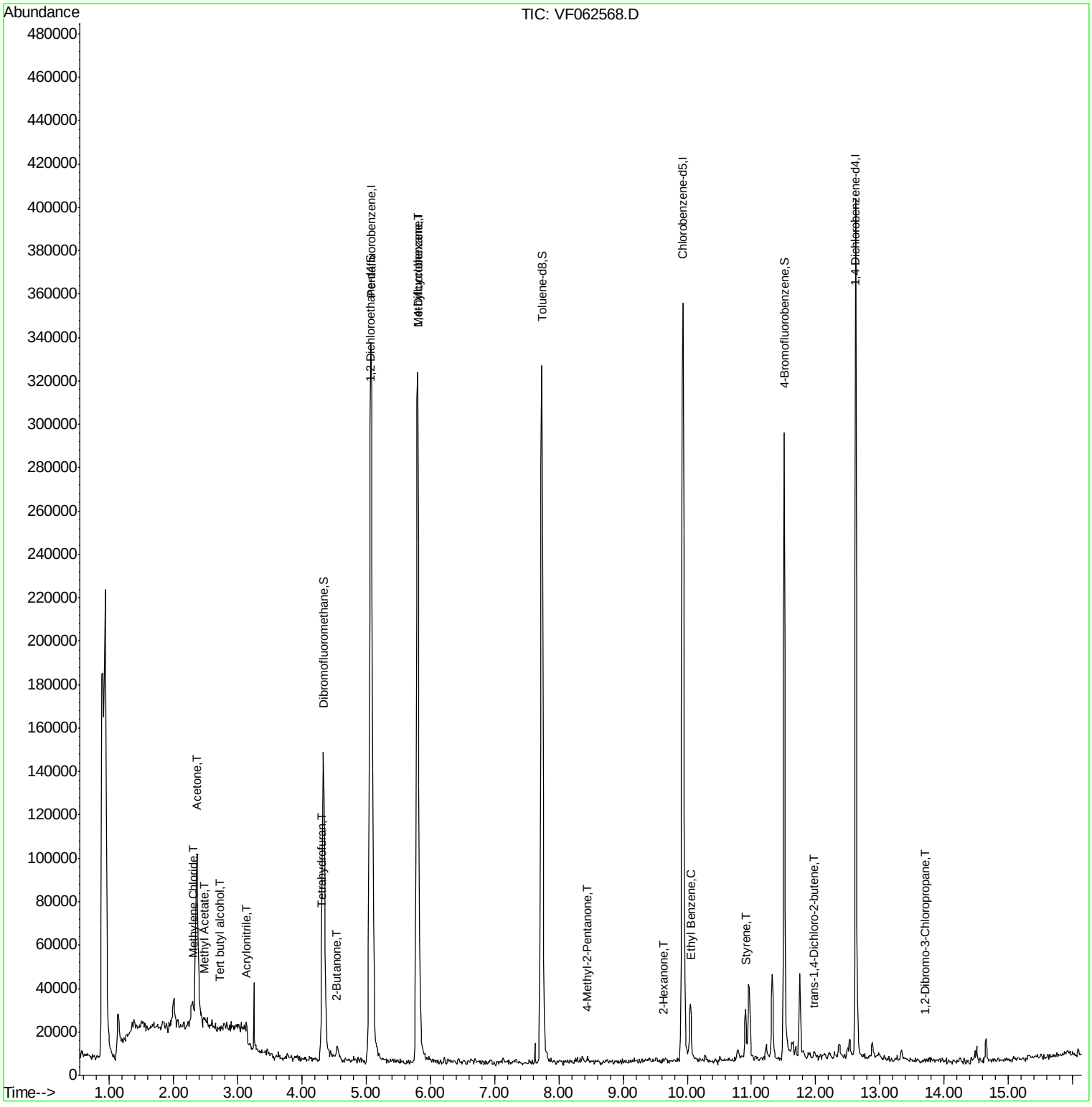
(#) = qualifier out of range (m) = manual integration (+) = signals summed

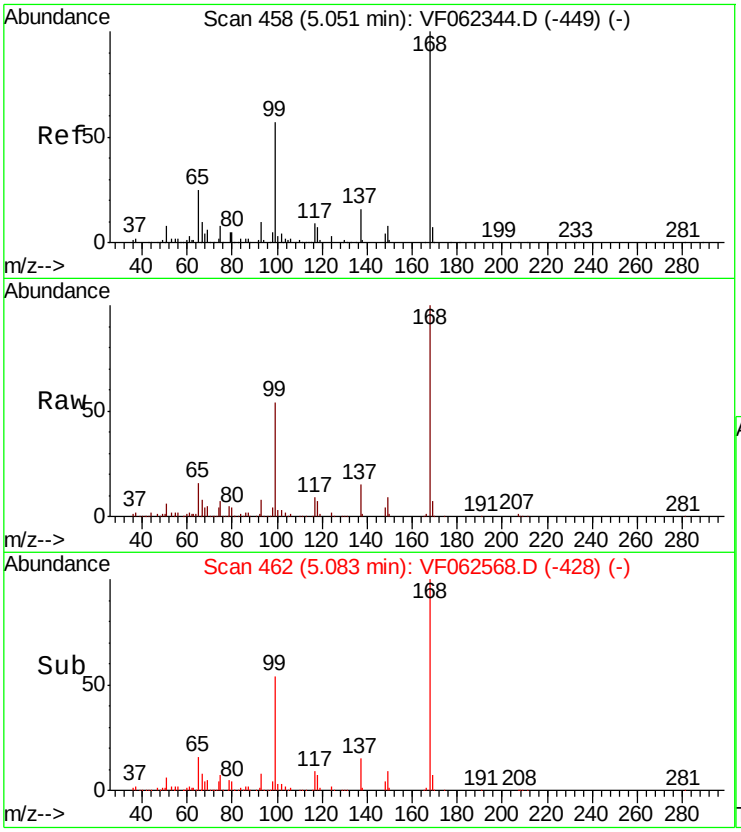
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062568.D
Acq On : 14 May 2019 4:59
Operator : FY/SY
Sample : K2756-16
Misc : 5.30g/5mL/MSVOA_F/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0002-01

Quant Time: May 14 07:07:57 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



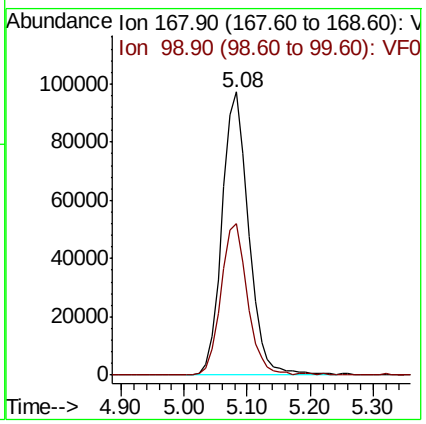


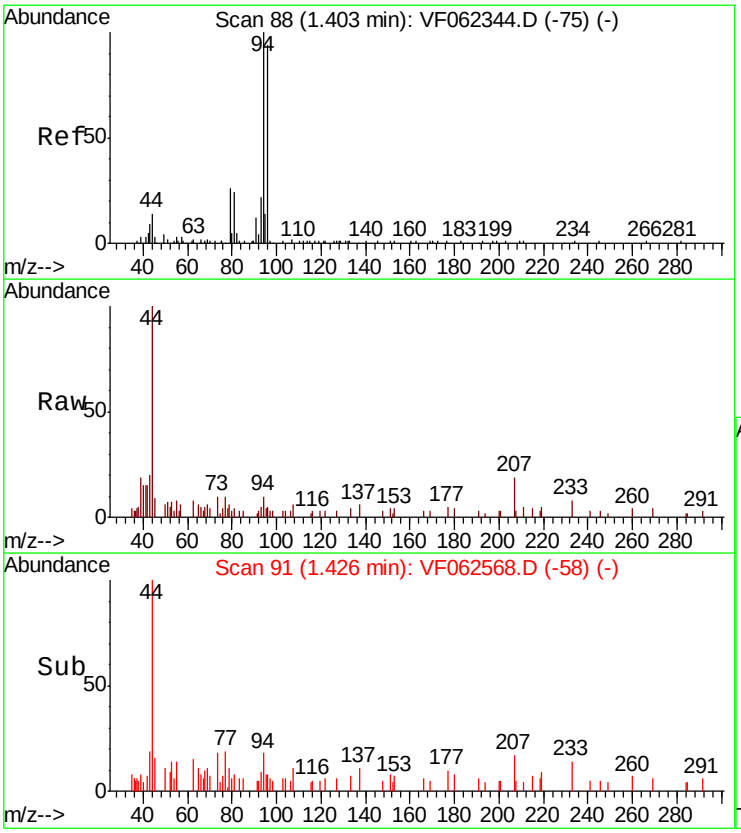
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 462
Delta R.T. 0.03 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Tgt Ion:168 Resp: 283812

Ion	Ratio	Lower	Upper
168	100		
99	53.6	45.9	68.9

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0002-01

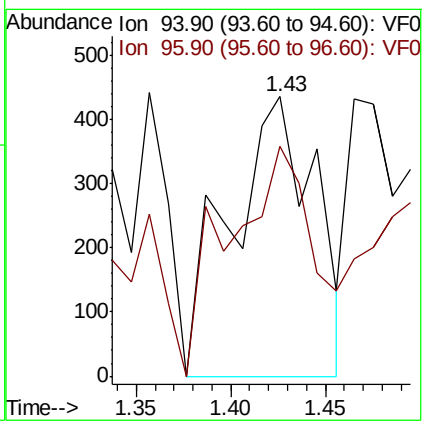


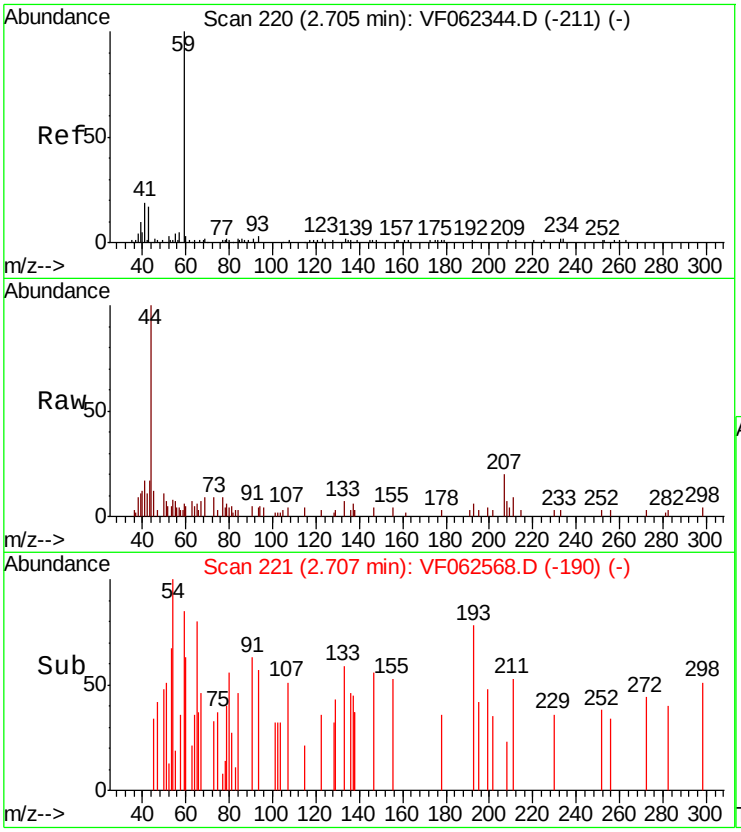


#5
Bromomethane
Concen: Below Cal
RT: 1.43 min Scan# 91
Delta R.T. 0.02 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Tgt Ion: 94 Resp: 1360

Ion	Ratio	Lower	Upper
94	100		
96	82.1	75.4	113.2



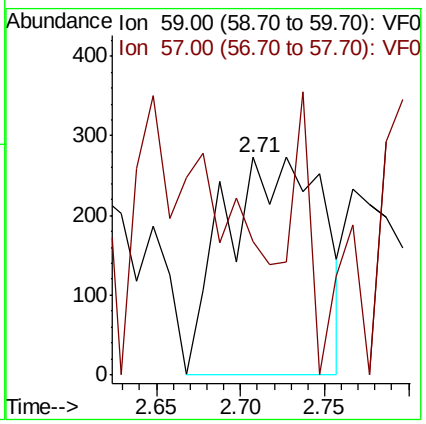


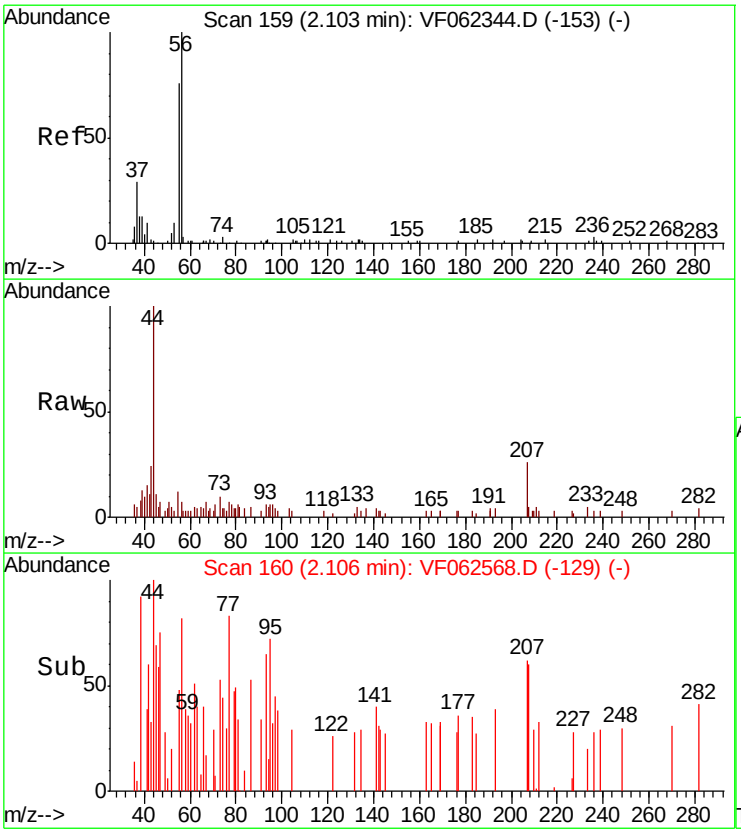
#11
Tert butyl alcohol
Concen: 7.329 ug/l
RT: 2.71 min Scan# 221
Delta R.T. 0.00 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0002-01

Tgt Ion: 59 Resp: 1111

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#

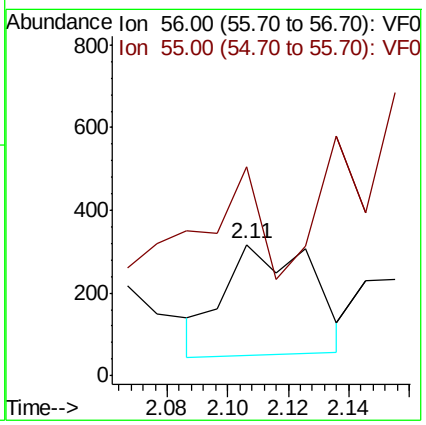


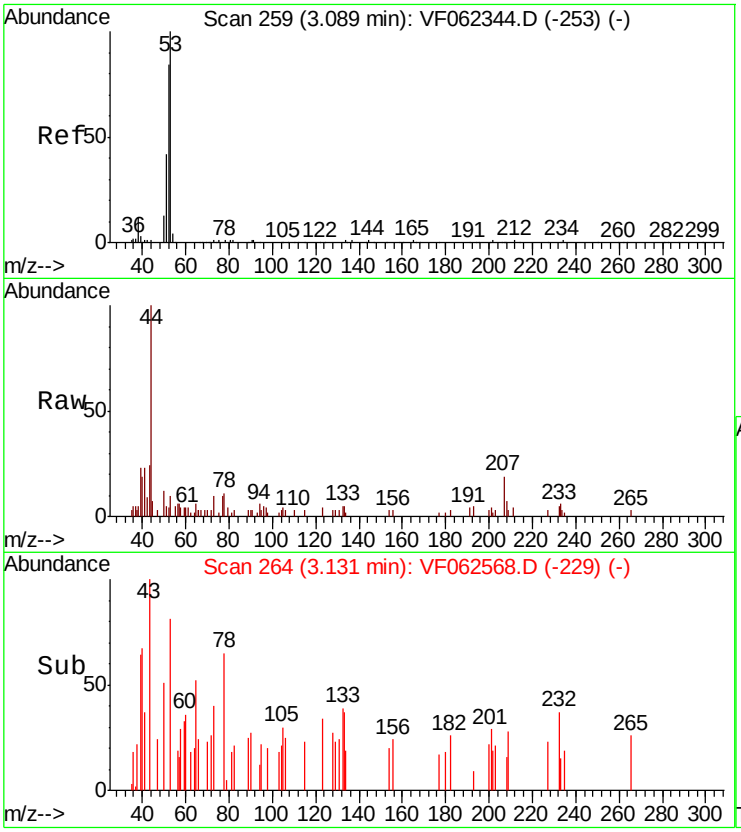


#13
Acrolein
Concen: Below Cal
RT: 2.11 min Scan# 160
Delta R.T. 0.00 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Tgt Ion: 56 Resp: 538

Ion	Ratio	Lower	Upper
56	100		
55	54.6	58.4	87.6#



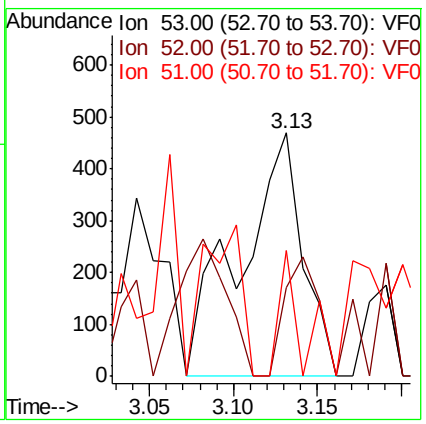


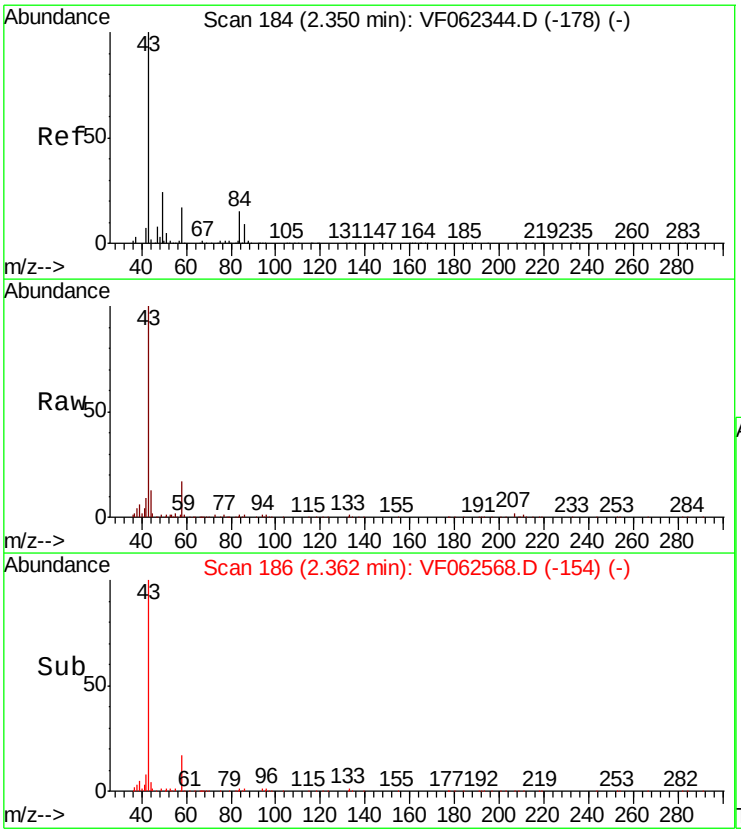
#15
Acrylonitrile
Concen: 4.242 ug/l
RT: 3.13 min Scan# 264
Delta R.T. 0.04 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0002-01

Tgt Ion: 53 Resp: 1218

Ion	Ratio	Lower	Upper
53	100		
52	26.6	77.2	115.8#
51	11.8	40.6	61.0#

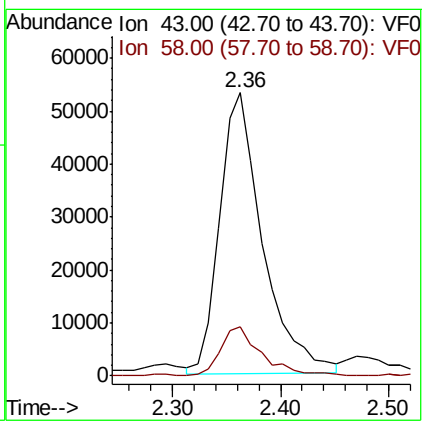


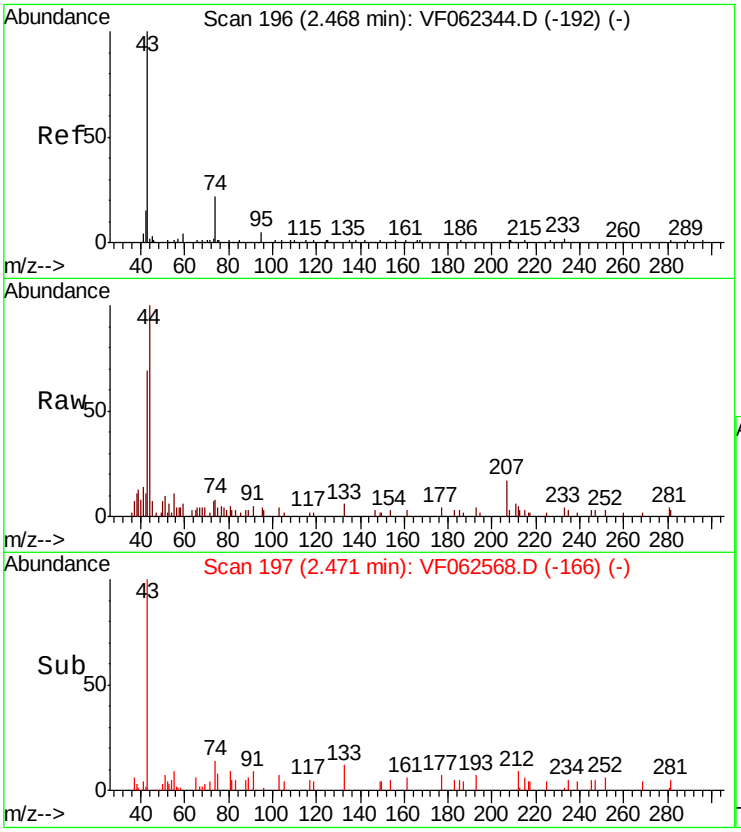


#16
Acetone
Concen: 269.893 ug/l
RT: 2.36 min Scan# 186
Delta R.T. 0.01 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Tgt Ion: 43 Resp: 146438

Ion	Ratio	Lower	Upper
43	100		
58	17.6	13.1	19.7



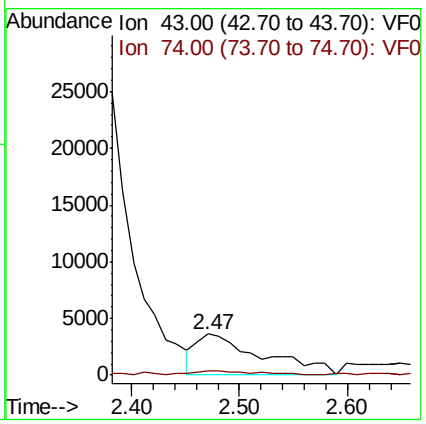


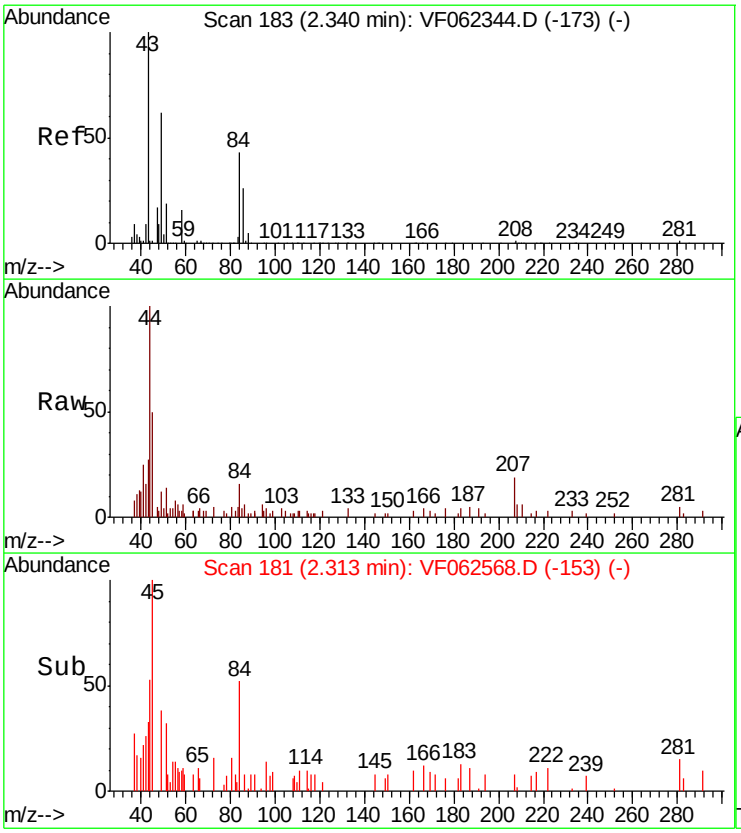
#18
Methyl Acetate
Concen: 13.329 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Instrument : MSVOA_F
ClientSampleId : P021-SS008-0002-01

Tgt Ion: 43 Resp: 15462

Ion	Ratio	Lower	Upper
43	100		
74	10.7	15.0	22.4#

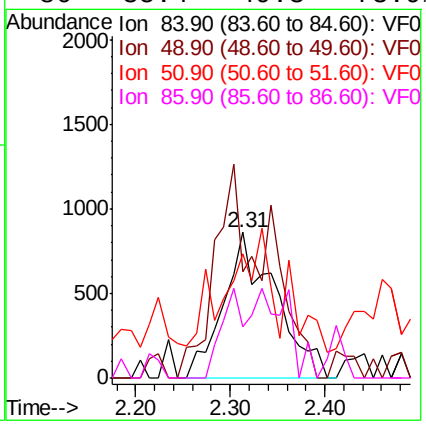


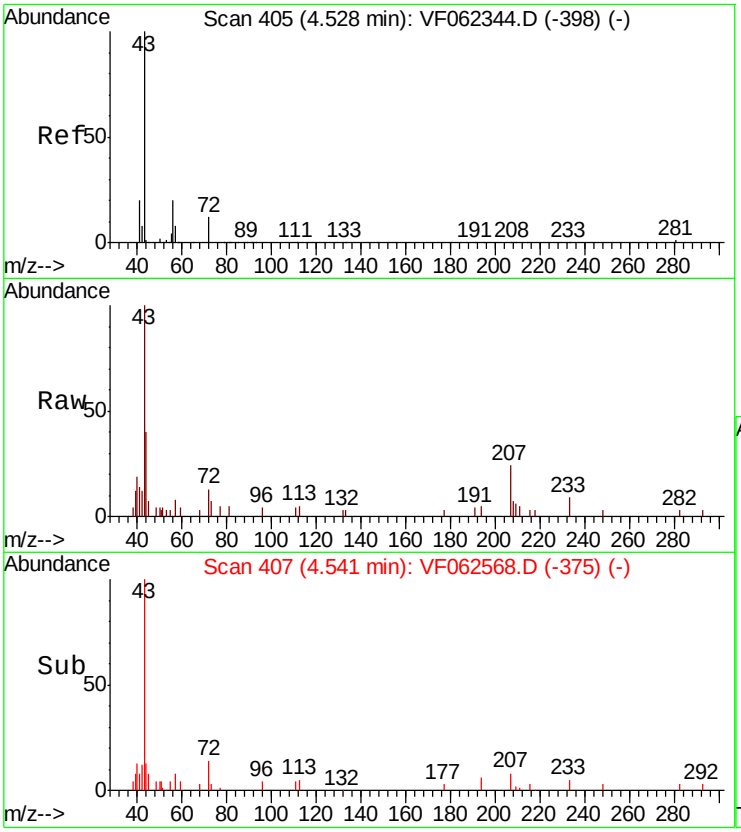


#20
Methylene Chloride
Concen: 1.678 ug/l
RT: 2.31 min Scan# 181
Delta R.T. -0.03 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Tgt Ion: 84 Resp: 3294

Ion	Ratio	Lower	Upper
84	100		
49	54.3	117.5	176.3#
51	65.1	37.0	55.4#
86	35.4	49.3	73.9#



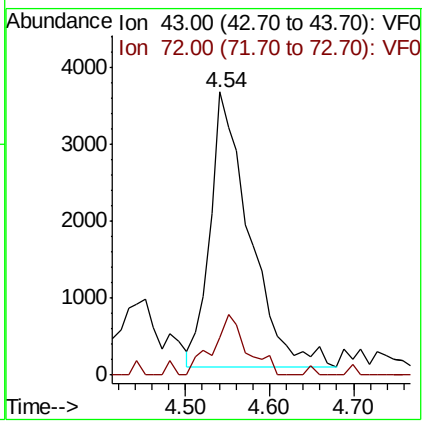


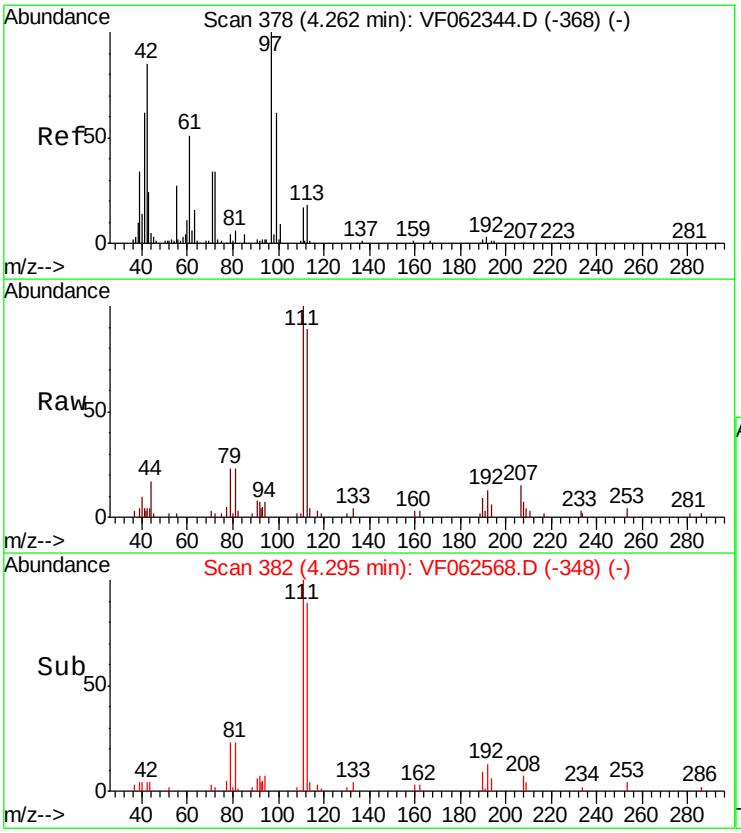
#25
2-Butanone
Concen: 17.082 ug/l
RT: 4.54 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Instrument : MSVOA_F
ClientSampleId : P021-SS008-0002-01

Tgt Ion: 43 Resp: 11644

Ion	Ratio	Lower	Upper
43	100		
72	13.8	14.2	21.4#

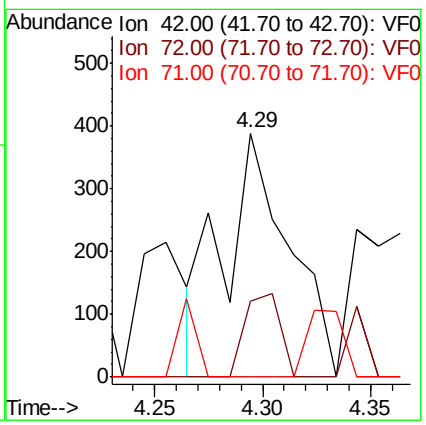


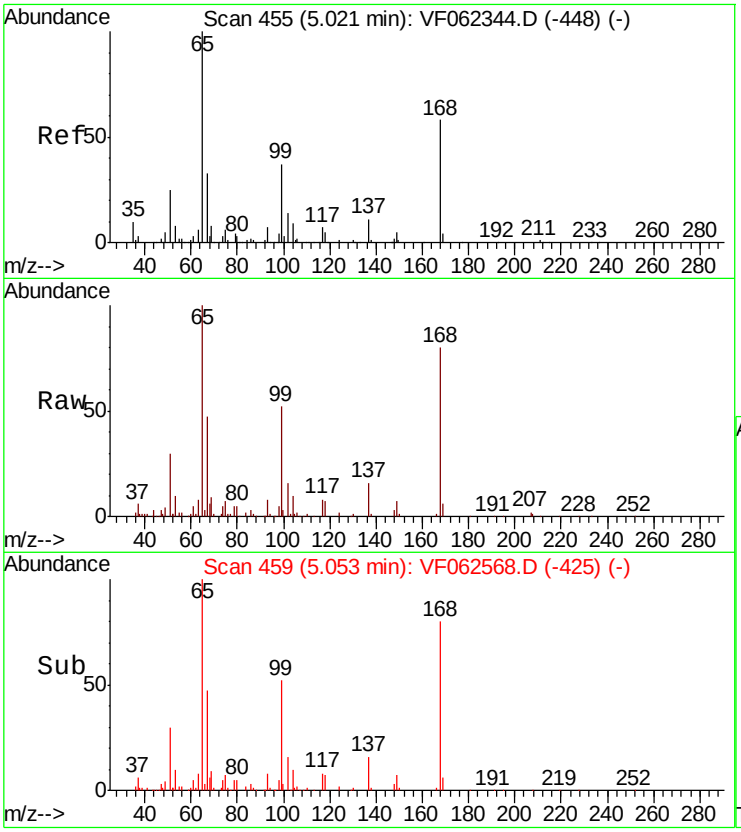


#29
Tetrahydrofuran
Concen: 2.605 ug/l
RT: 4.29 min Scan# 382
Delta R.T. 0.03 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Tgt Ion: 42 Resp: 816

Ion	Ratio	Lower	Upper
42	100		
72	18.4	31.4	47.0#
71	0.0	31.7	47.5#



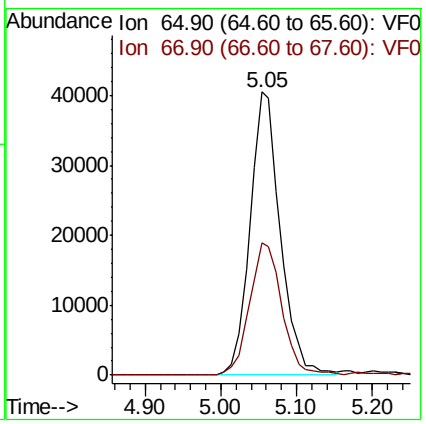


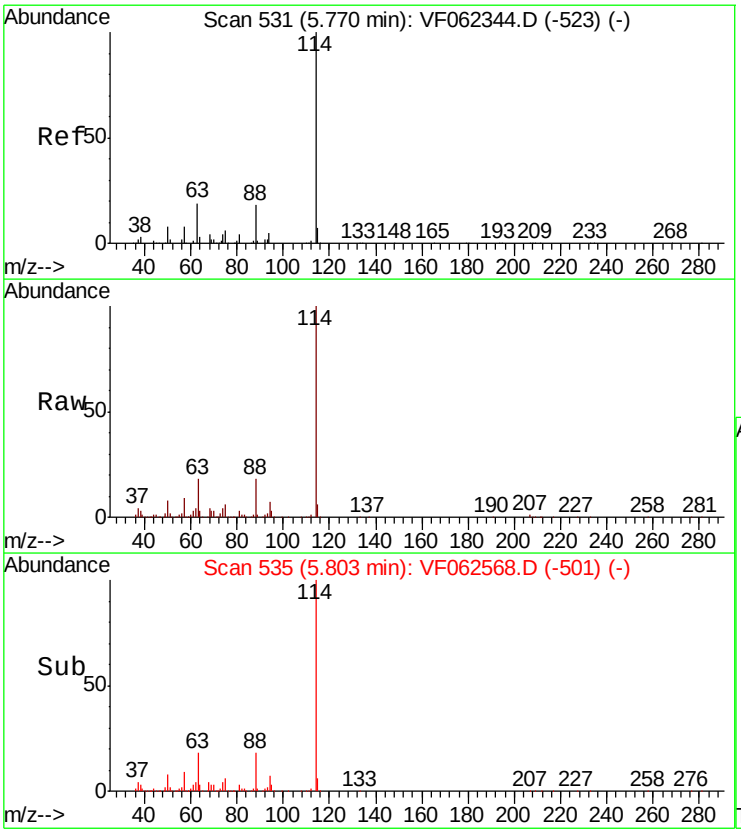
#33
1,2-Dichloroethane-d4
Concen: 42.205 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.03 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0002-01

Tgt Ion: 65 Resp: 113199

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	85.8

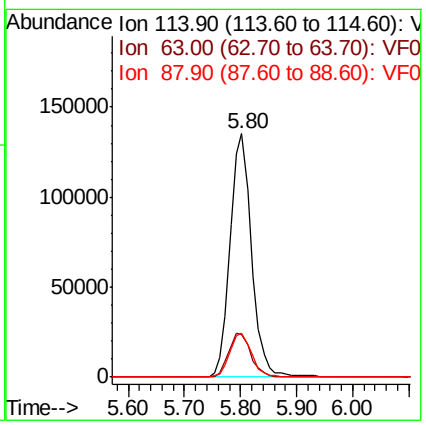


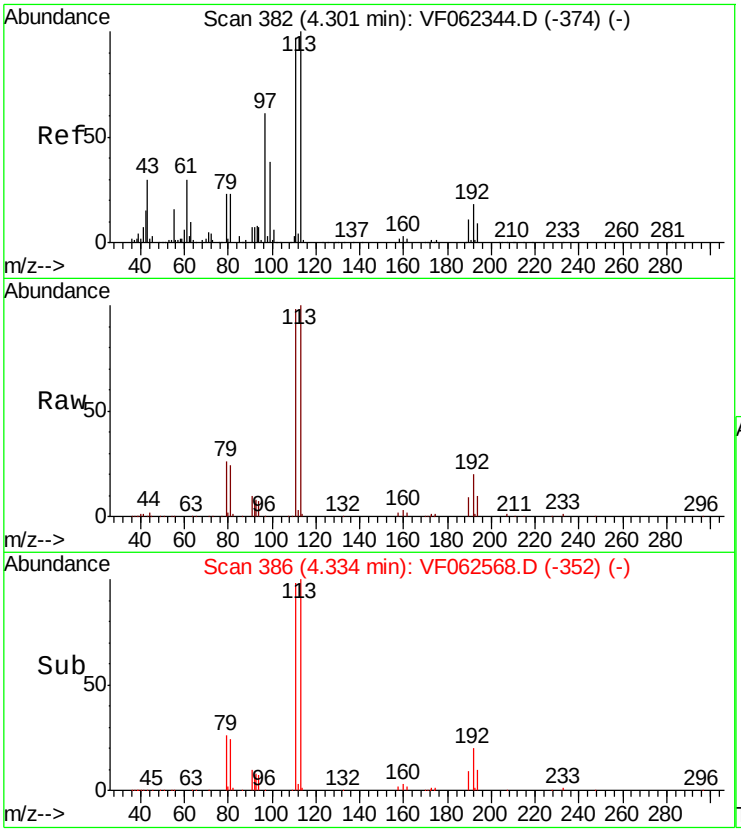


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 535
Delta R.T. 0.03 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Tgt Ion:114 Resp: 359560

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	37.4
88	18.0	0.0	36.4



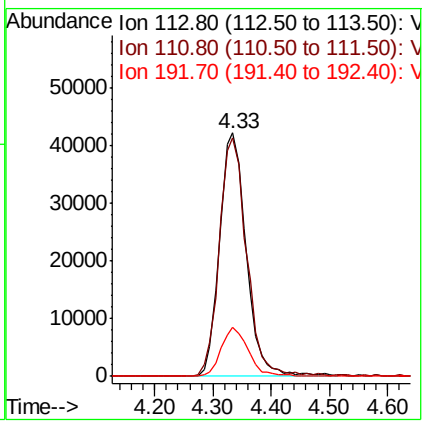


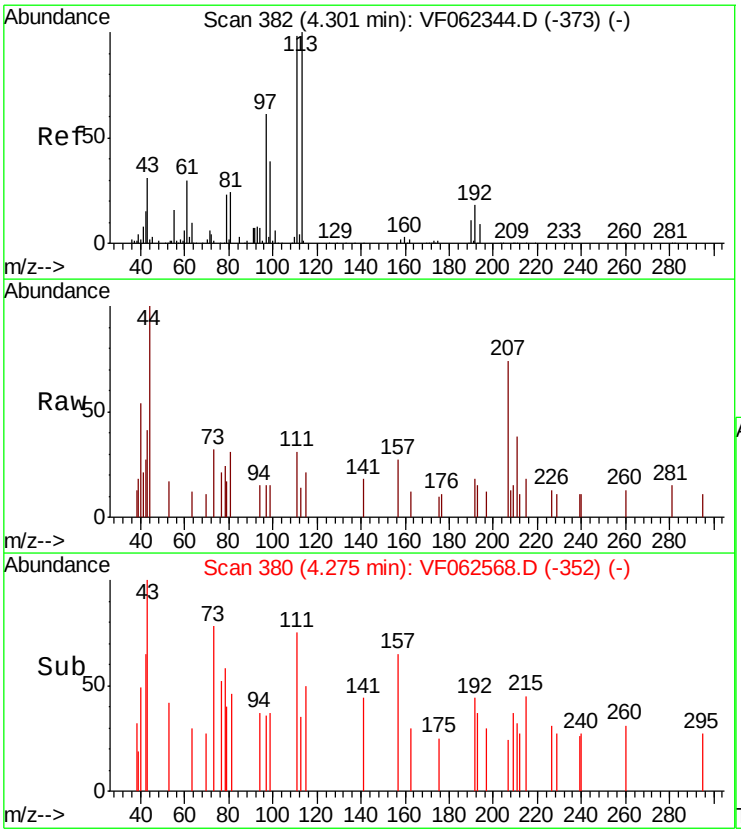
#35
Dibromofluoromethane
Concen: 46.975 ug/l
RT: 4.33 min Scan# 386
Delta R.T. 0.03 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0002-01

Tgt Ion:113 Resp: 134563

Ion	Ratio	Lower	Upper
113	100		
111	99.9	79.4	119.0
192	20.4	16.0	24.0

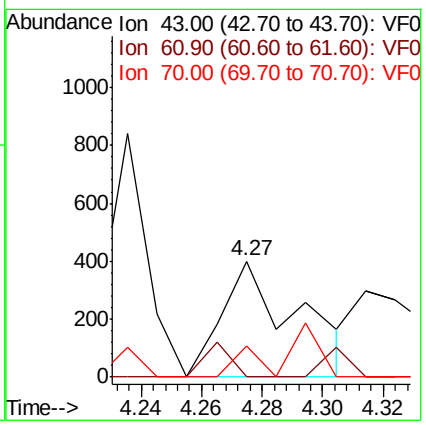


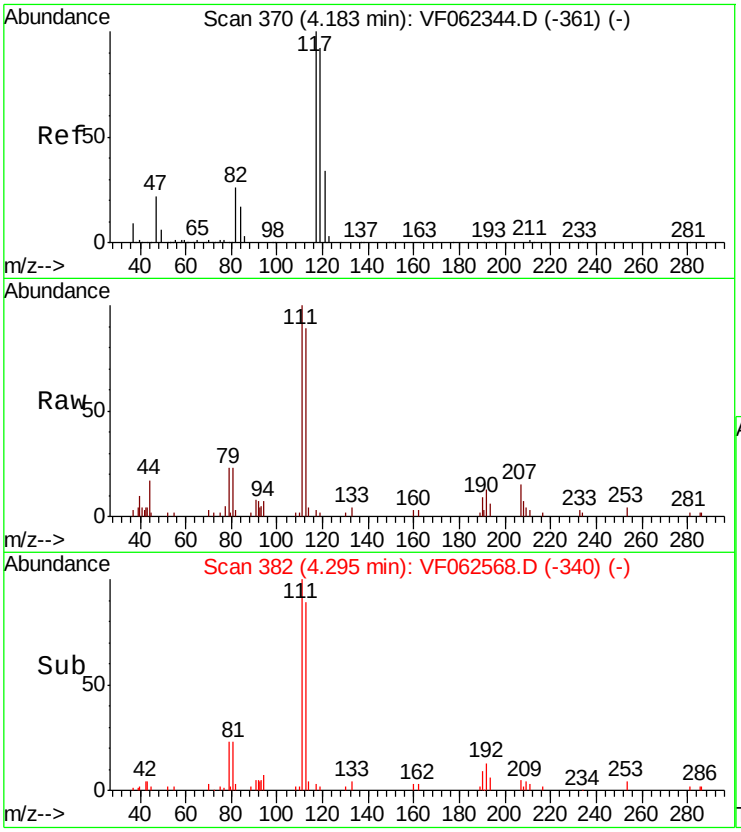


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 380
Delta R.T. -0.03 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Tgt Ion: 43 Resp: 690

Ion	Ratio	Lower	Upper
43	100		
61	10.1	0.0	0.0#
70	0.0	8.2	12.2#



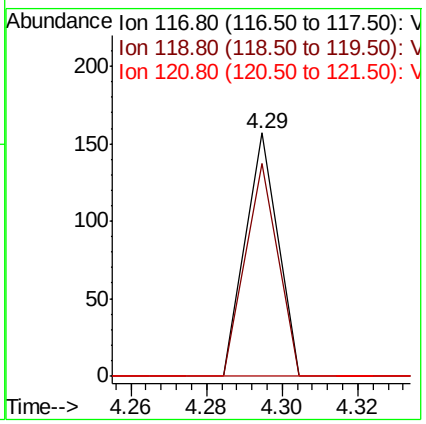


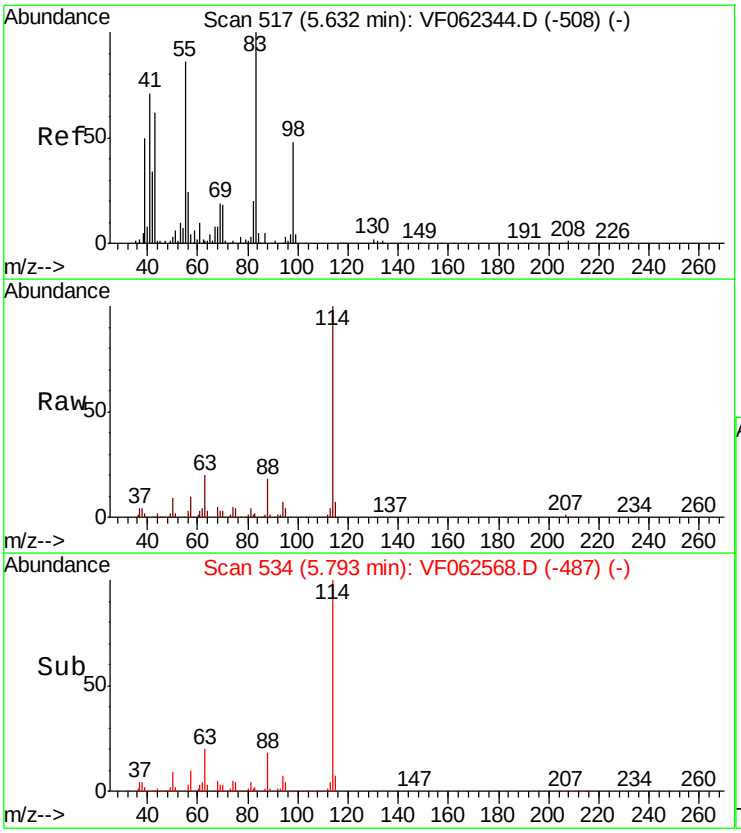
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.29 min Scan# 382
Delta R.T. 0.11 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0002-01

Tgt Ion:117 Resp: 93

Ion	Ratio	Lower	Upper
117	100		
119	87.3	73.4	110.2
121	0.0	27.4	41.0#

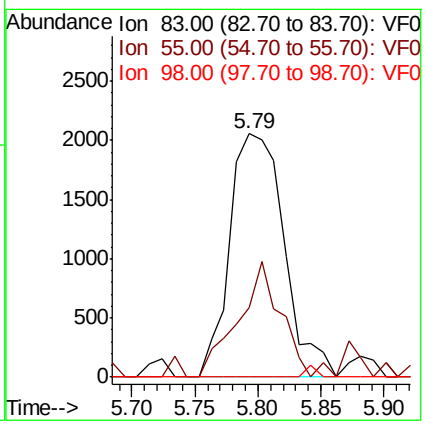


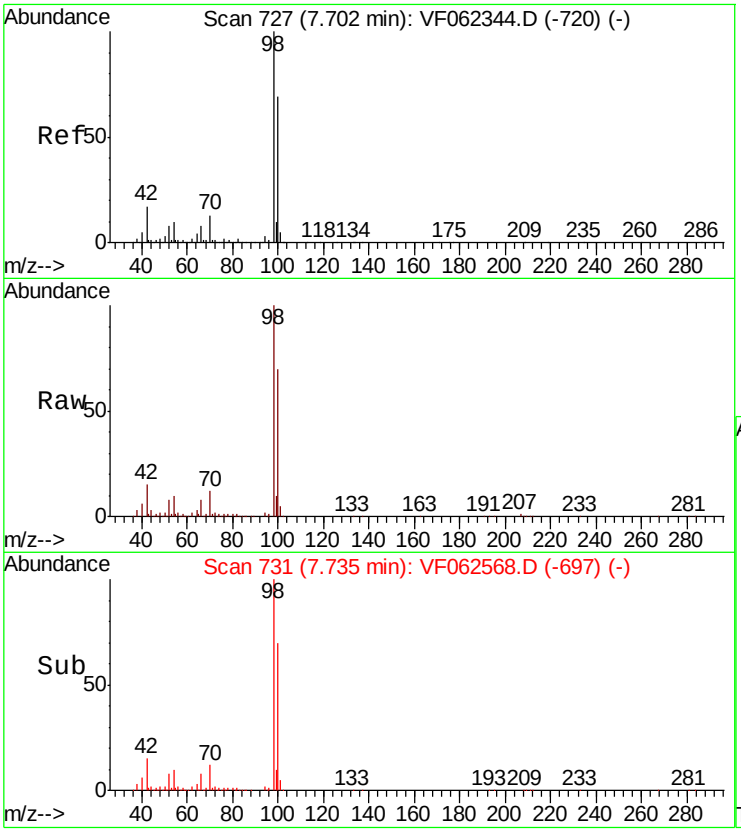


#39
Methylcyclohexane
Concen: 1.985 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.16 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Tgt Ion: 83 Resp: 6149

Ion	Ratio	Lower	Upper
83	100		
55	28.7	69.0	103.6#
98	0.0	38.6	58.0#



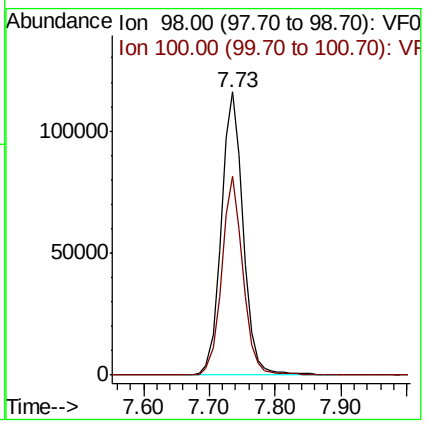


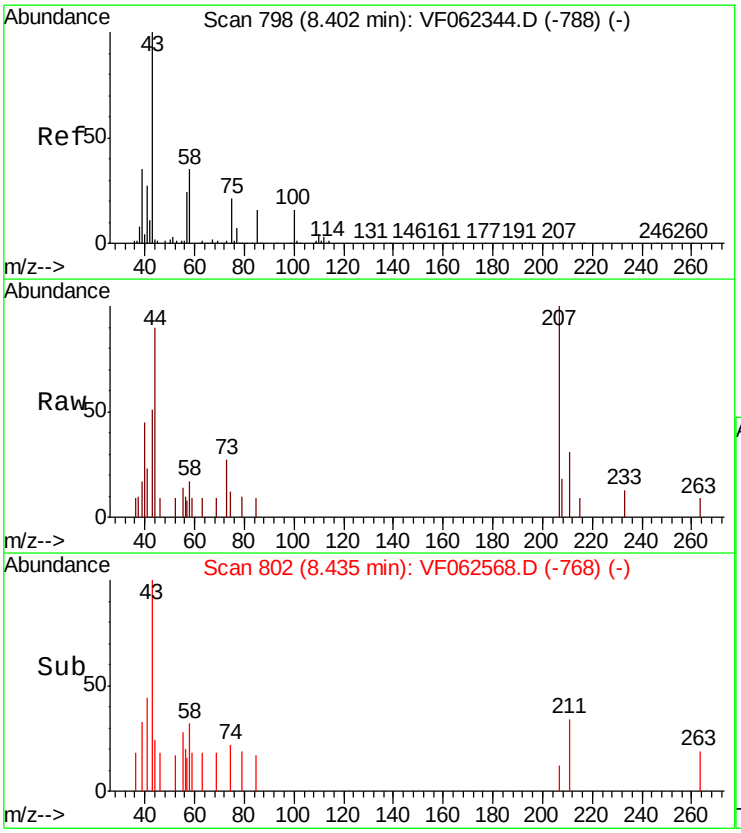
#50
Toluene-d8
Concen: 38.861 ug/l
RT: 7.73 min Scan# 731
Delta R.T. 0.03 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Instrument : MSVOA_F
ClientSampleId : P021-SS008-0002-01

Tgt Ion: 98 Resp: 269466

Ion	Ratio	Lower	Upper
98	100		
100	68.1	53.3	79.9

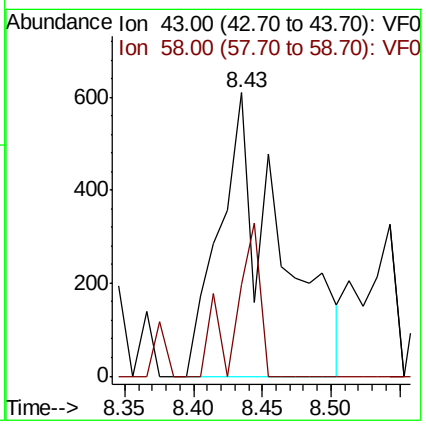


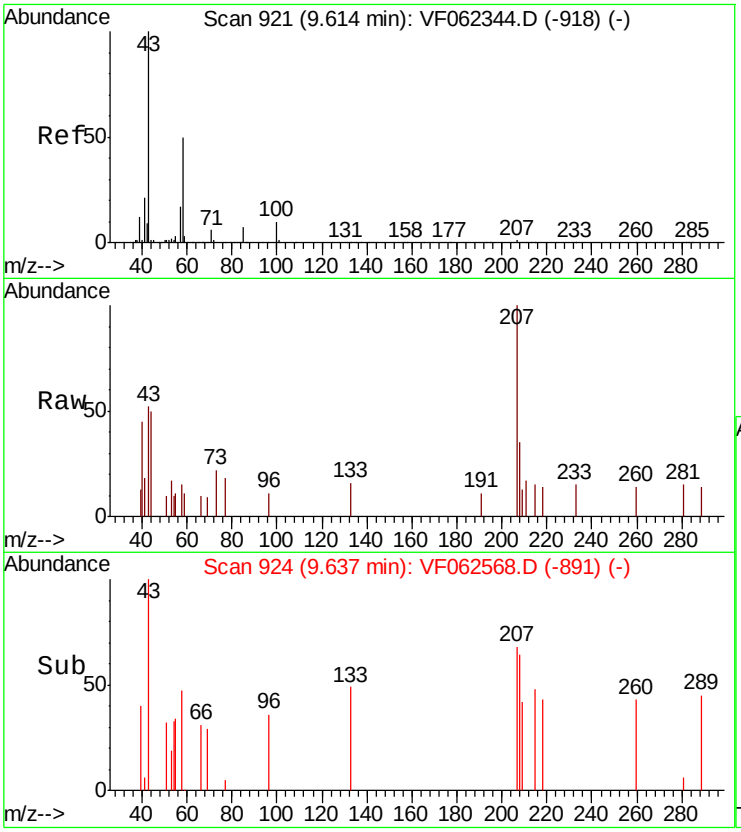


#51
4-Methyl-2-Pentanone
Concen: 1.713 ug/l
RT: 8.43 min Scan# 802
Delta R.T. 0.03 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Tgt Ion: 43 Resp: 1824

Ion	Ratio	Lower	Upper
43	100		
58	22.8	27.8	41.6#



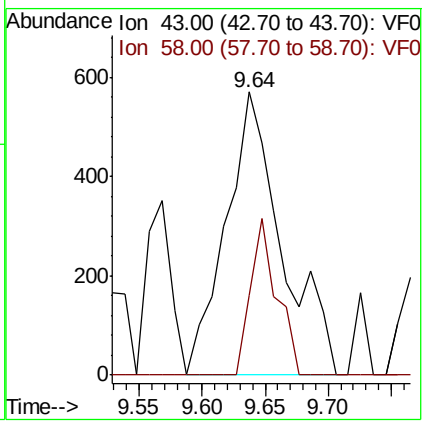


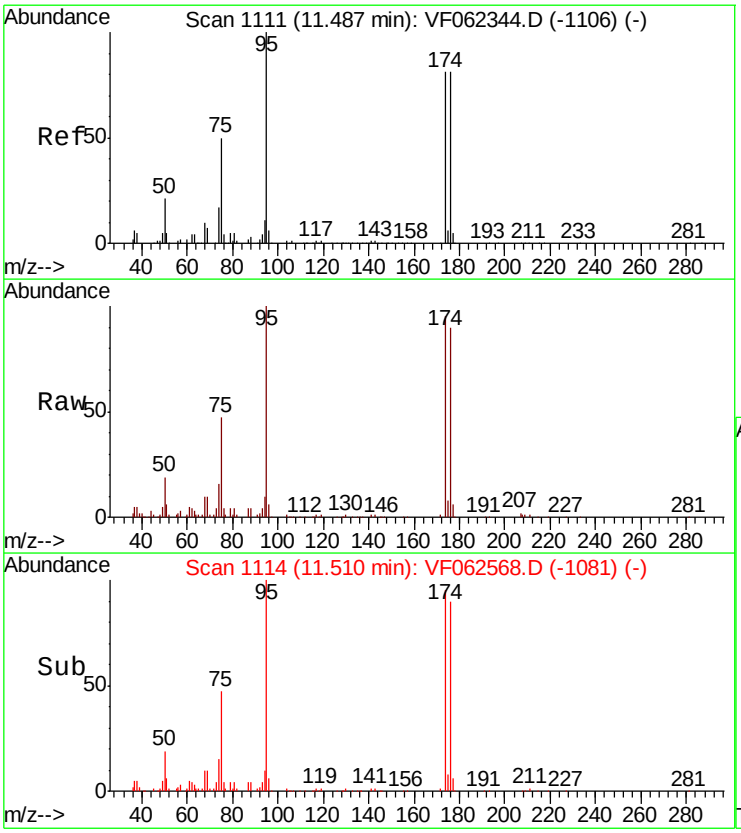
#59
2-Hexanone
Concen: 2.389 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.02 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Instrument : MSVOA_F
ClientSampleId : P021-SS008-0002-01

Tgt Ion: 43 Resp: 1759

Ion	Ratio	Lower	Upper
43	100		
58	26.0	24.3	73.0

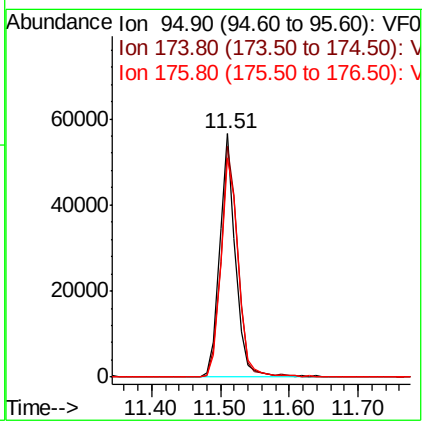


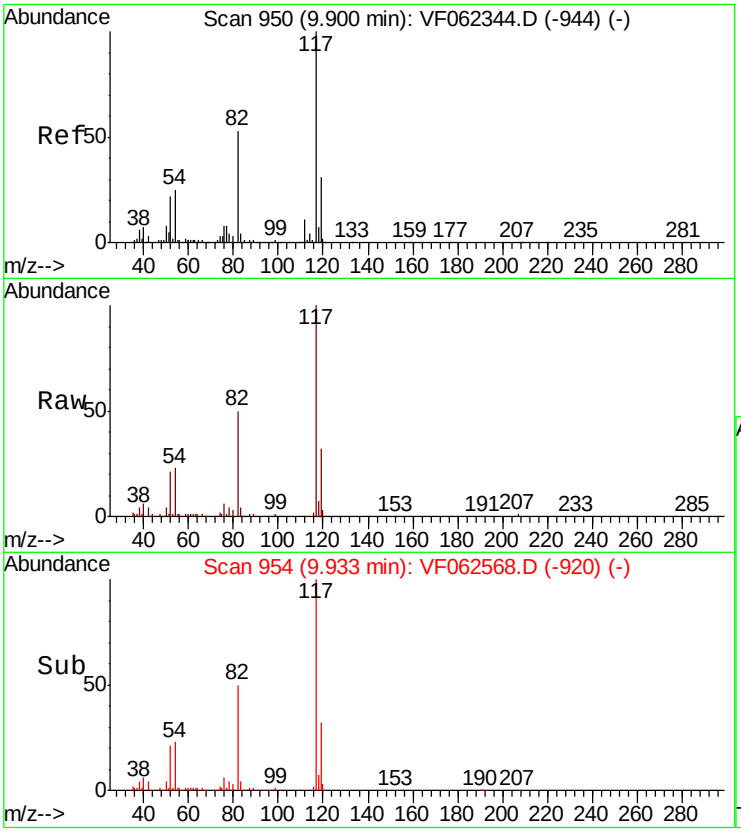


#62
4-Bromofluorobenzene
Concen: 28.621 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Tgt Ion: 95 Resp: 89537

Ion	Ratio	Lower	Upper
95	100		
174	102.4	0.0	191.8
176	98.6	0.0	193.2



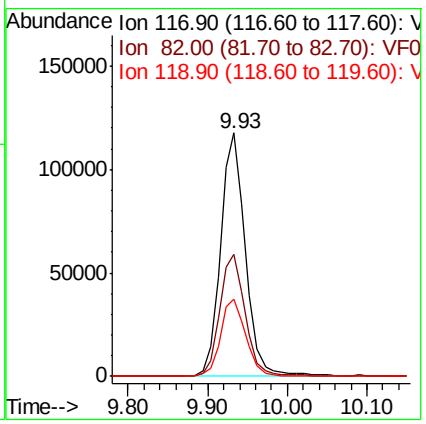


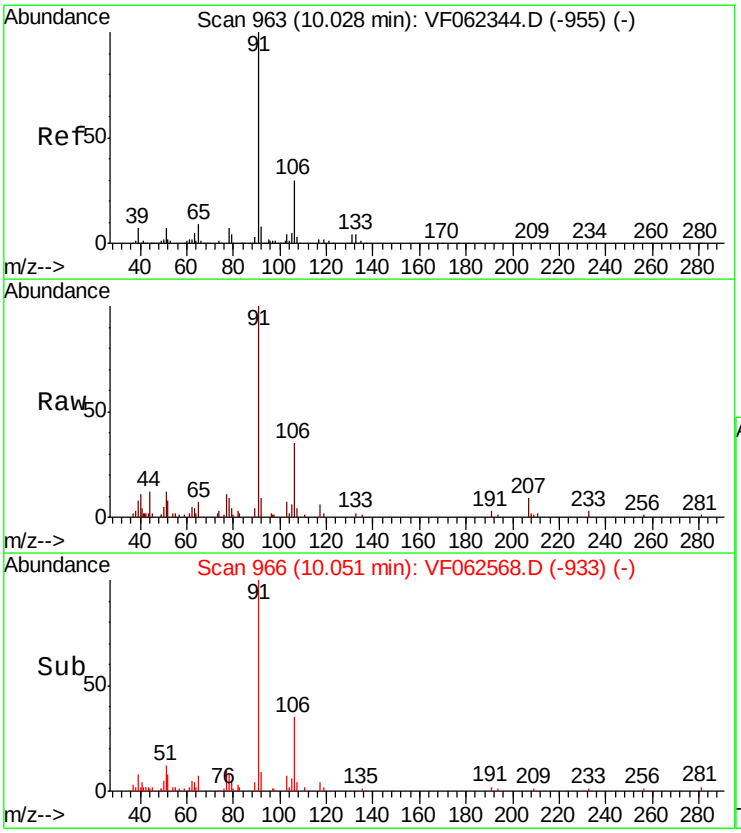
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.03 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0002-01

Tgt Ion:117 Resp: 257519

Ion	Ratio	Lower	Upper
117	100		
82	49.9	42.2	63.2
119	31.6	25.0	37.4

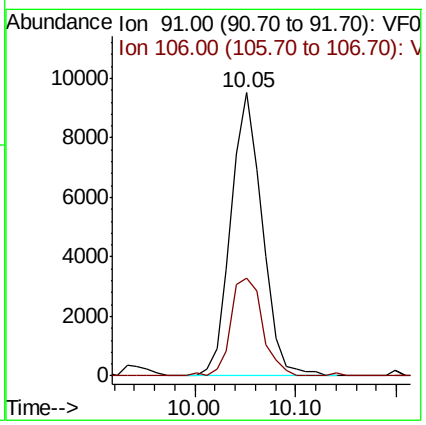


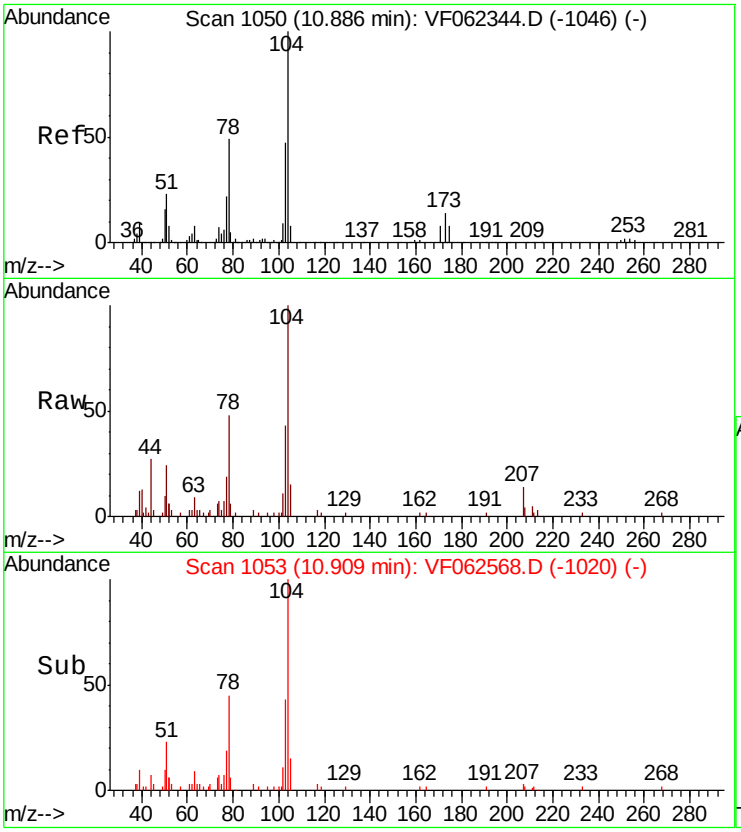


#67
Ethyl Benzene
Concen: 2.761 ug/l
RT: 10.05 min Scan# 966
Delta R.T. 0.02 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Tgt Ion: 91 Resp: 20600

Ion	Ratio	Lower	Upper
91	100		
106	34.7	24.1	36.1



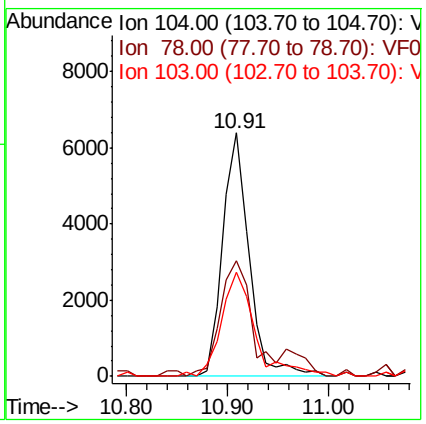


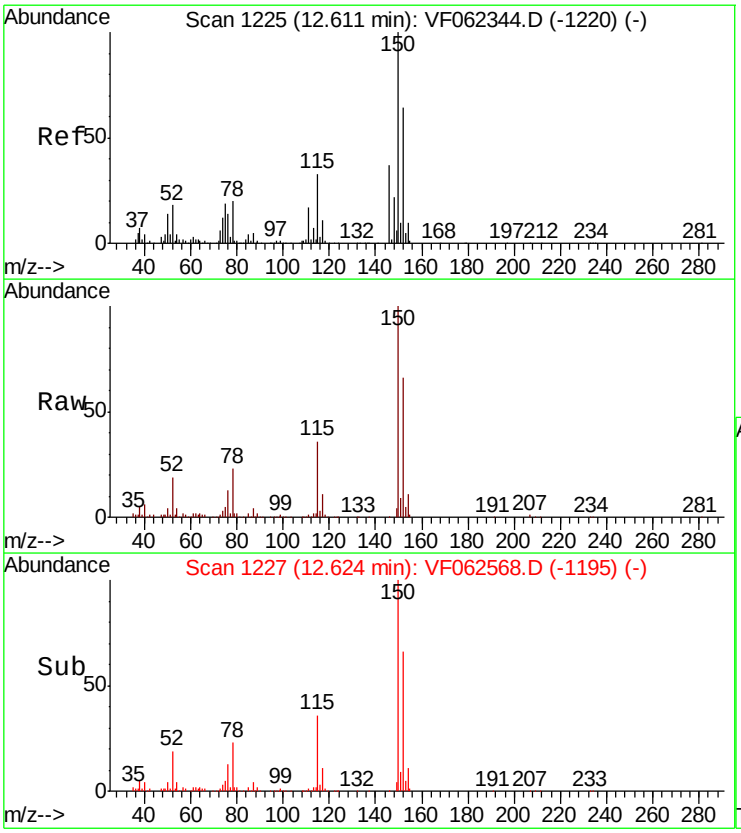
#70
Stvrene
Concen: 2.608 ug/l
RT: 10.91 min Scan# 1053
Delta R.T. 0.02 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0002-01

Tgt Ion:104 Resp: 11626

Ion	Ratio	Lower	Upper
104	100		
78	56.4	39.5	59.3
103	55.1	38.4	57.6

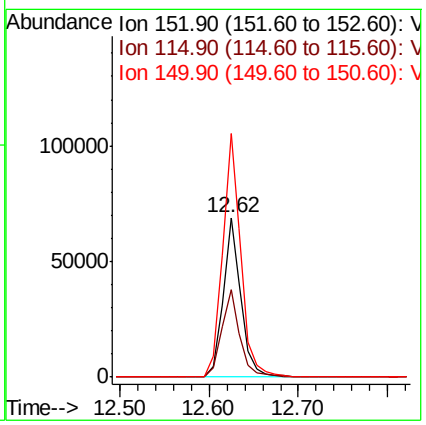


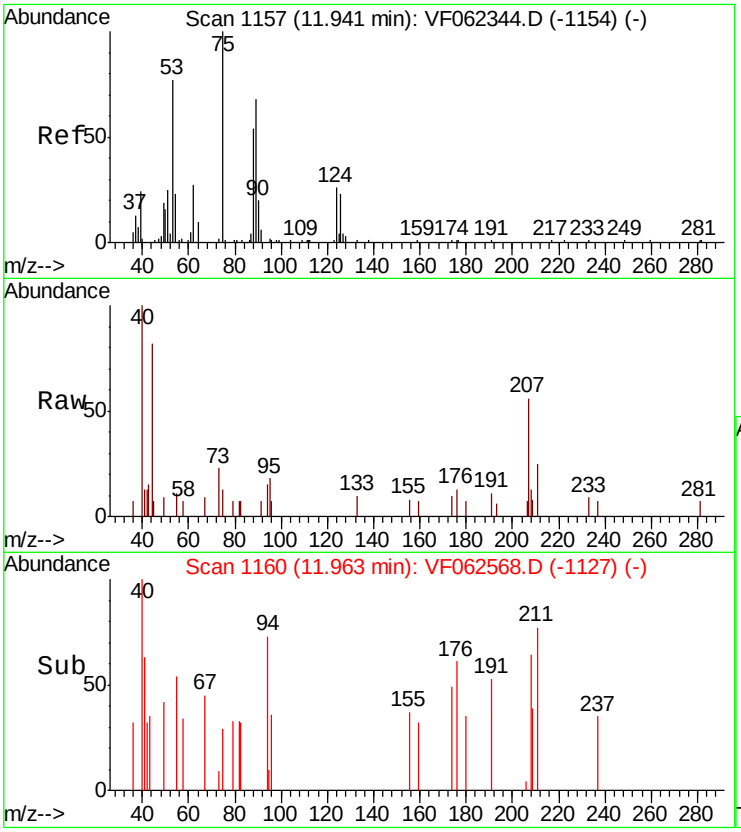


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Tgt Ion:152 Resp: 97574

Ion	Ratio	Lower	Upper
152	100		
115	55.7	26.4	79.2
150	156.2	0.0	335.0



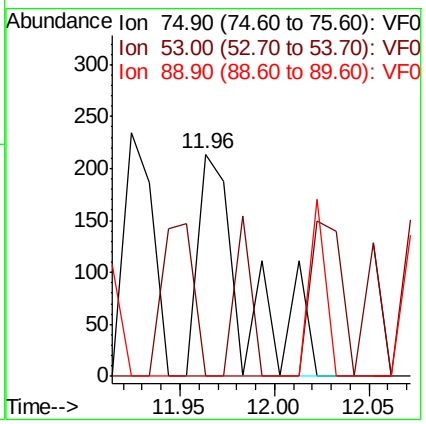


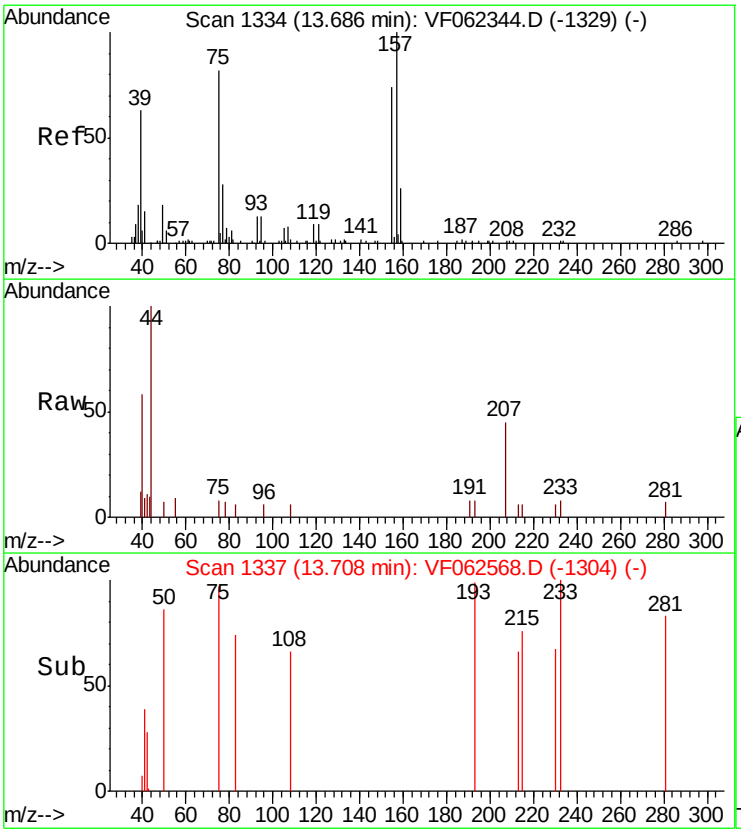
#81
trans-1,4-Dichloro-2-butene
Concen: 1.421 ug/l
RT: 11.96 min Scan# 1160
Delta R.T. 0.02 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0002-01

Tgt Ion: 75 Resp: 369

Ion	Ratio	Lower	Upper
75	100		
53	46.3	71.9	107.9#
89	0.0	0.0	0.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.523 ug/l
RT: 13.71 min Scan# 1337
Delta R.T. 0.02 min
Lab File: VF062568.D
Acq: 14 May 2019 4:59

Tgt Ion: 75 Resp: 309

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.8	155.4#
157	0.0	67.3	201.8#