Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
Data File : VF062481.D
Acq On : 12 May 2019 2:27
Operator : FY/SY
Sample : K2733-19
Misc : 5.19g/5mL/MSVOA_F/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS004-0002-01

Quant Time: May 12 03:53:53 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	5.07	168	256582	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	338370	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	234881	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	107413	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	127279	52.49	ug/l	0.03
Spiked Amount 50.000			Recovery = 104.98%			
35) Dibromofluoromethane	4.32	113	142254	52.77	ug/l	0.02
Spiked Amount 50.000			Recovery = 105.54%			
50) Toluene-d8	7.72	98	233384	35.77	ug/l	0.02
Spiked Amount 50.000			Recovery = 71.54%			
62) 4-Bromofluorobenzene	11.50	95	94290	32.03	ug/l	0.02
Spiked Amount 50.000			Recovery = 64.06%			
Target Compounds						Qvalue
5) Bromomethane	1.43	94	250	Below Cal	#	3
11) Tert butyl alcohol	2.68	59	313	2.284 ug/l	#	1
13) Acrolein	2.09	56	444	Below Cal	#	1
15) Acrylonitrile	3.15	53	609	2.346 ug/l	#	31
16) Acetone	2.36	43	5669	11.557 ug/l	#	74
18) Methyl Acetate	2.46	43	1101	Below Cal	#	90
20) Methylene Chloride	2.35	84	2905	1.637 ug/l	#	74
25) 2-Butanone	4.54	43	757	1.228 ug/l	#	69
29) Tetrahydrofuran	4.28	42	424	1.497 ug/l		96
37) Ethyl Acetate	4.29	43	667	Below Cal	#	100
38) Carbon Tetrachloride	4.13	117	189	Below Cal	#	14
39) Methylcyclohexane	5.79	83	4828	1.656 ug/l	#	74
49) 1,4-Dioxane	6.83	88	61	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.42	43	1507	1.504 ug/l	#	55
59) 2-Hexanone	9.64	43	1505	2.172 ug/l		66
81) trans-1,4-Dichloro-2-buten	11.95	75	396	1.385 ug/l	#	43

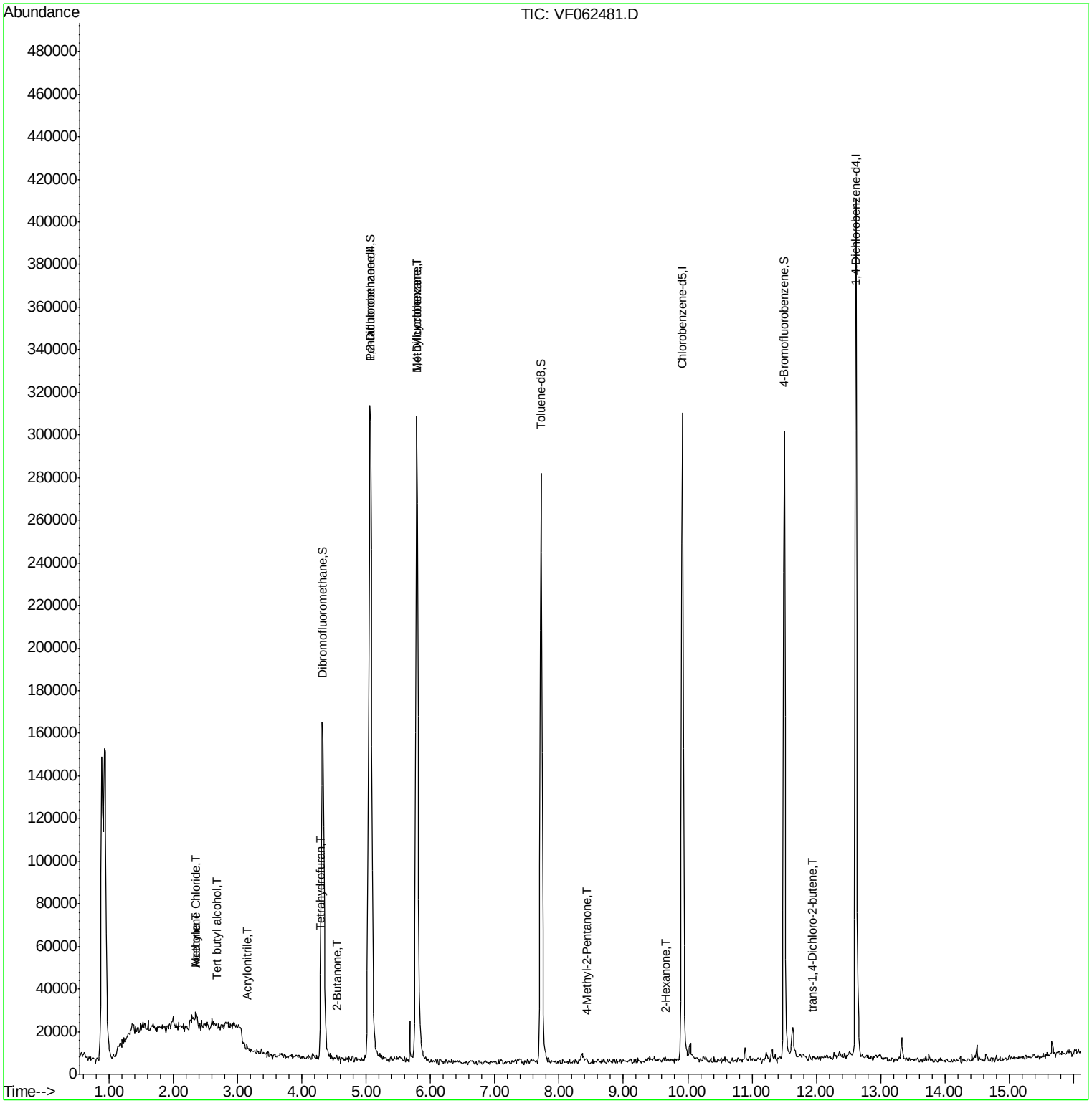
(#) = qualifier out of range (m) = manual integration (+) = signals summed

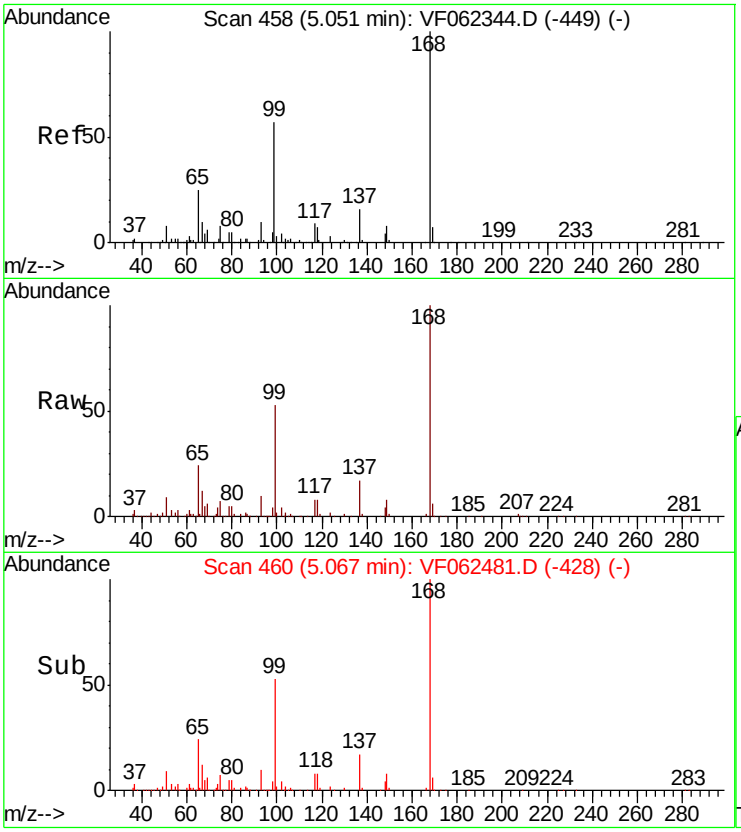
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
Data File : VF062481.D
Acq On : 12 May 2019 2:27
Operator : FY/SY
Sample : K2733-19
Misc : 5.19g/5mL/MSVOA_F/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0002-01

Quant Time: May 12 03:53:53 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



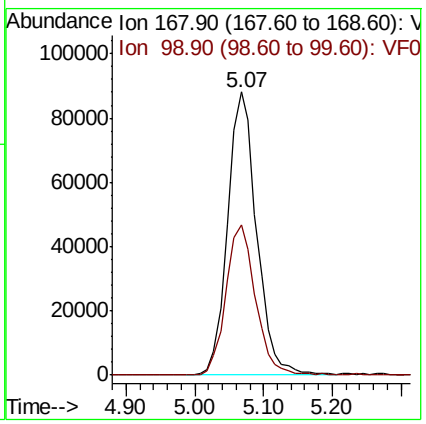


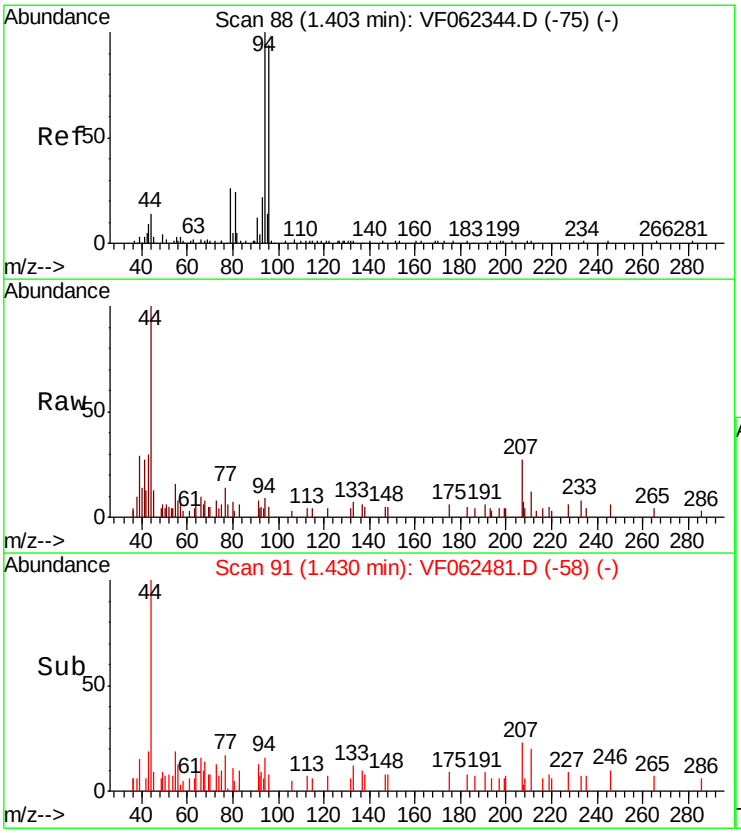
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 460
Delta R.T. 0.02 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0002-01

Tgt Ion:168 Resp: 256582

Ion	Ratio	Lower	Upper
168	100		
99	53.3	45.9	68.9

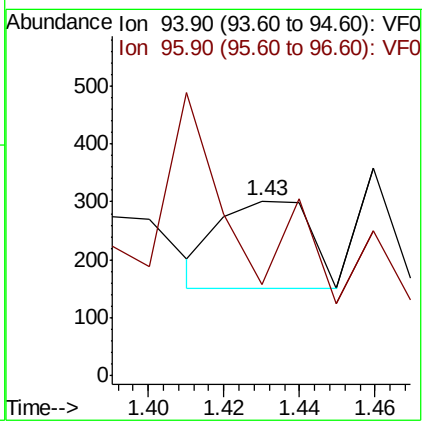


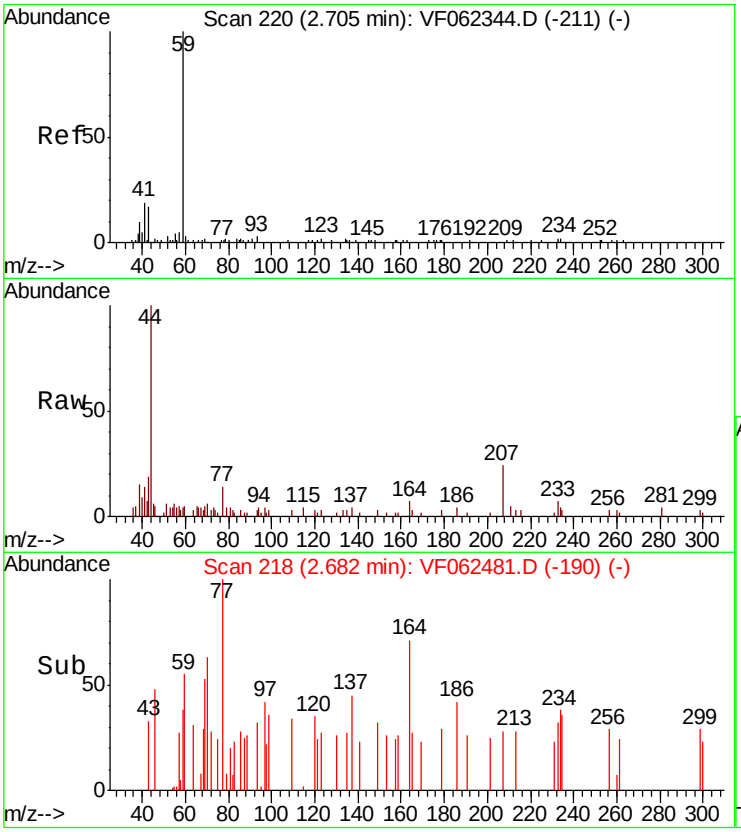


#5
Bromomethane
Concen: Below Cal
RT: 1.43 min Scan# 91
Delta R.T. 0.03 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Tgt Ion: 94 Resp: 250

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



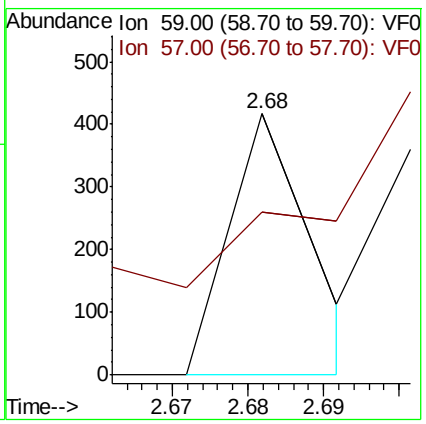


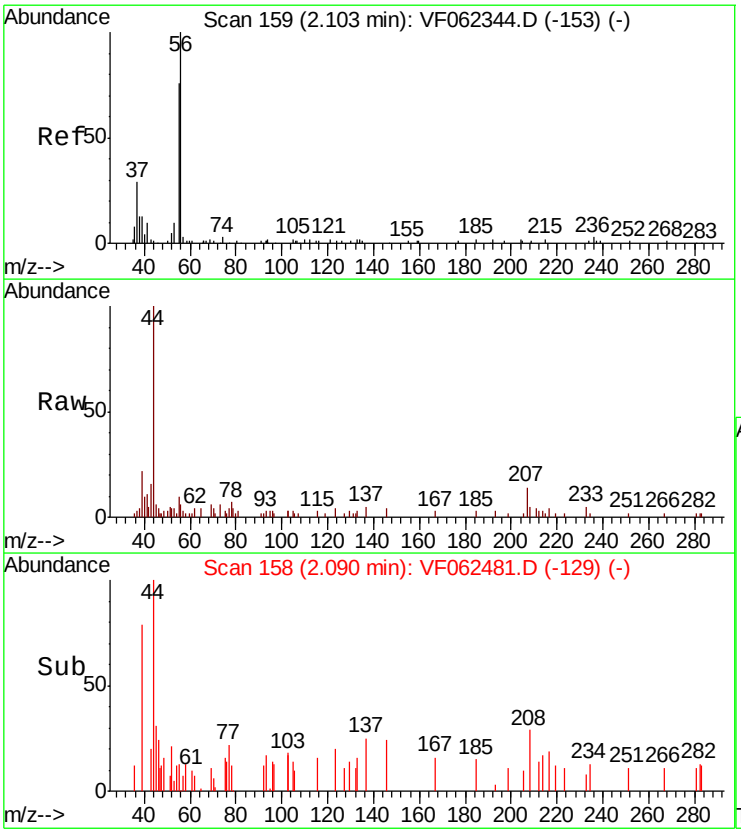
#11
Tert butyl alcohol
Concen: 2.284 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.02 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0002-01

Tgt Ion: 59 Resp: 313

Ion	Ratio	Lower	Upper
59	100		
57	316.9	9.3	13.9#

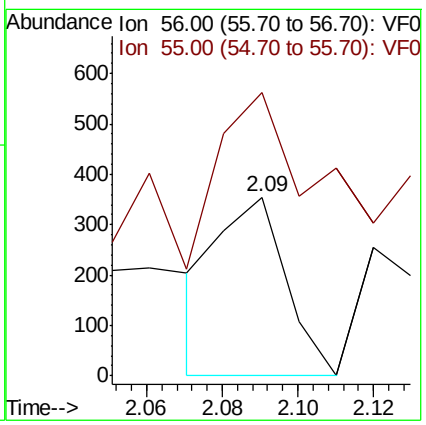


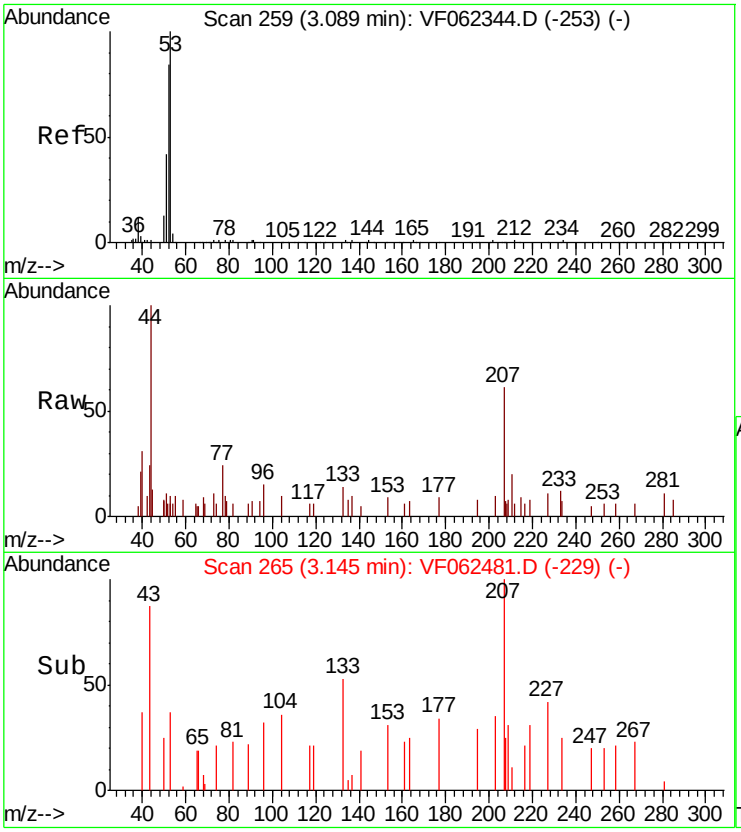


#13
Acrolein
Concen: Below Cal
RT: 2.09 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Tgt Ion: 56 Resp: 444

Ion	Ratio	Lower	Upper
56	100		
55	202.9	58.4	87.6#



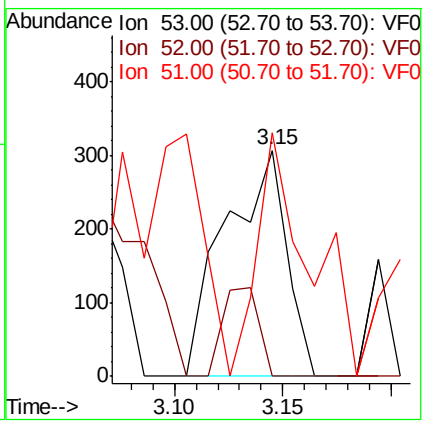


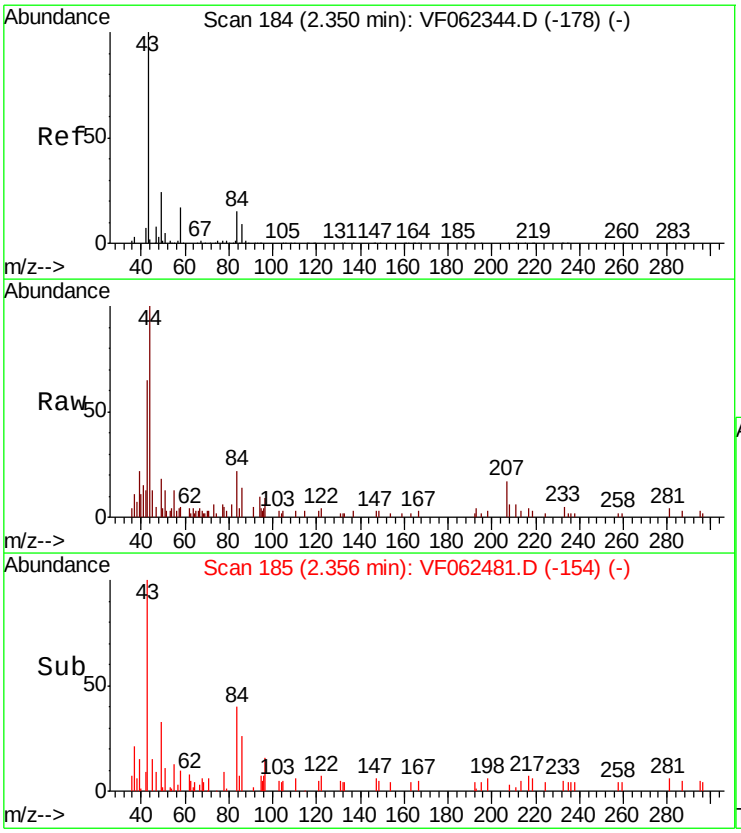
#15
Acrylonitrile
Concen: 2.346 ug/l
RT: 3.15 min Scan# 265
Delta R.T. 0.06 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Instrument : MSVOA_F
ClientSampleId : P021-SS004-0002-01

Tgt Ion: 53 Resp: 609

Ion	Ratio	Lower	Upper
53	100		
52	23.0	77.2	115.8#
51	91.1	40.6	61.0#

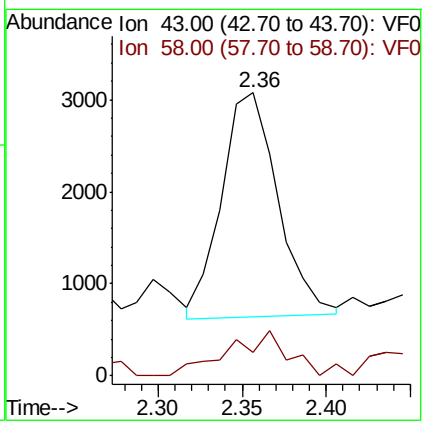


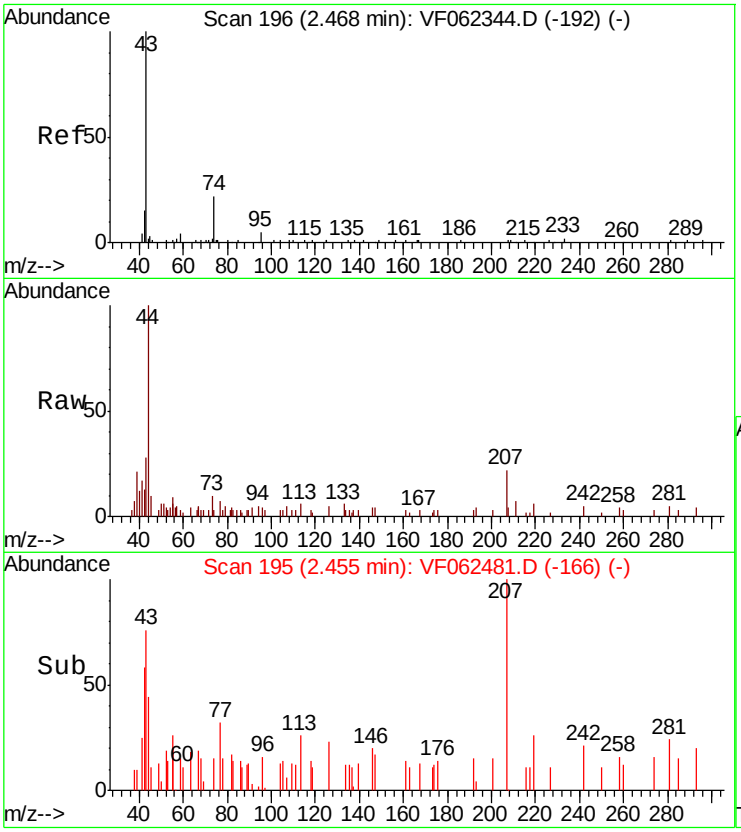


#16
Acetone
Concen: 11.557 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Tgt Ion: 43 Resp: 5669

Ion	Ratio	Lower	Upper
43	100		
58	5.4	13.1	19.7#



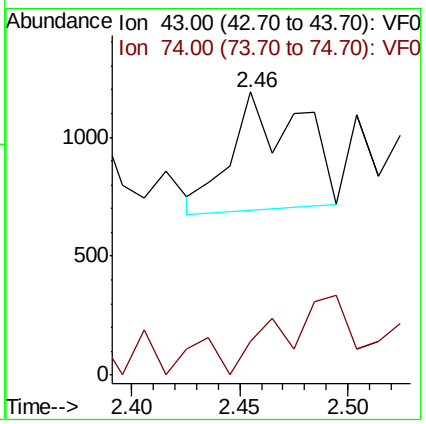


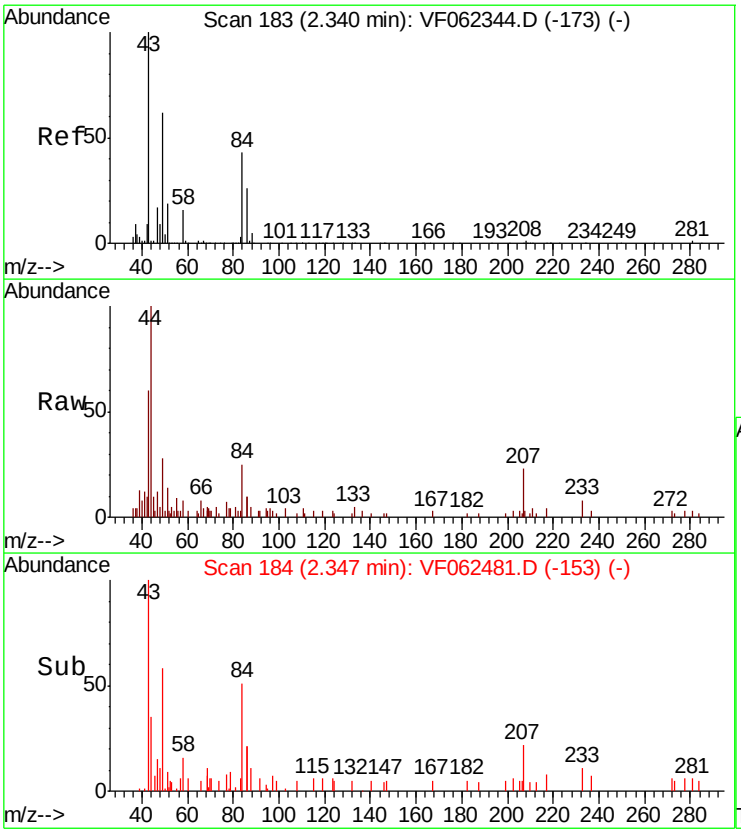
#18
Methyl Acetate
Concen: Below Cal
RT: 2.46 min Scan# 195
Delta R.T. -0.01 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Instrument : MSVOA_F
ClientSampleId : P021-SS004-0002-01

Tgt Ion: 43 Resp: 1101

Ion	Ratio	Lower	Upper
43	100		
74	14.3	15.0	22.4#

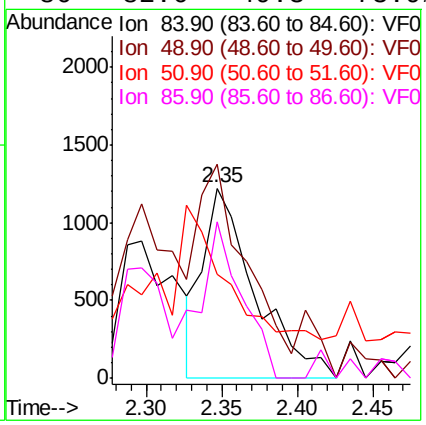


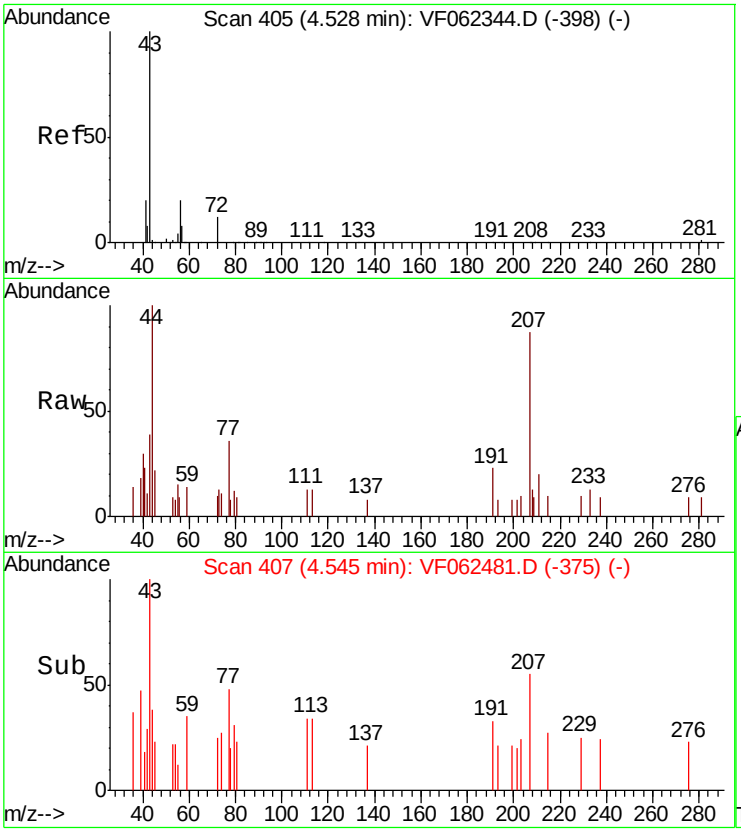


#20
Methylene Chloride
Concen: 1.637 ug/l
RT: 2.35 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Tgt Ion: 84 Resp: 2905

Ion	Ratio	Lower	Upper
84	100		
49	112.7	117.5	176.3#
51	32.3	37.0	55.4#
86	82.6	49.3	73.9#



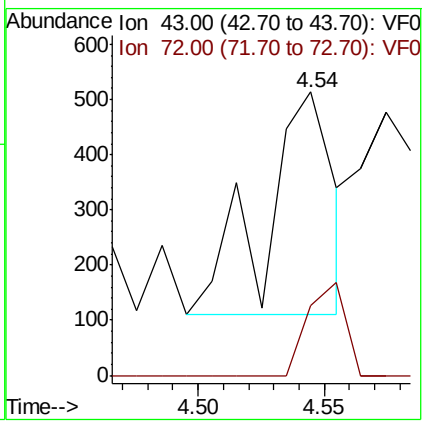


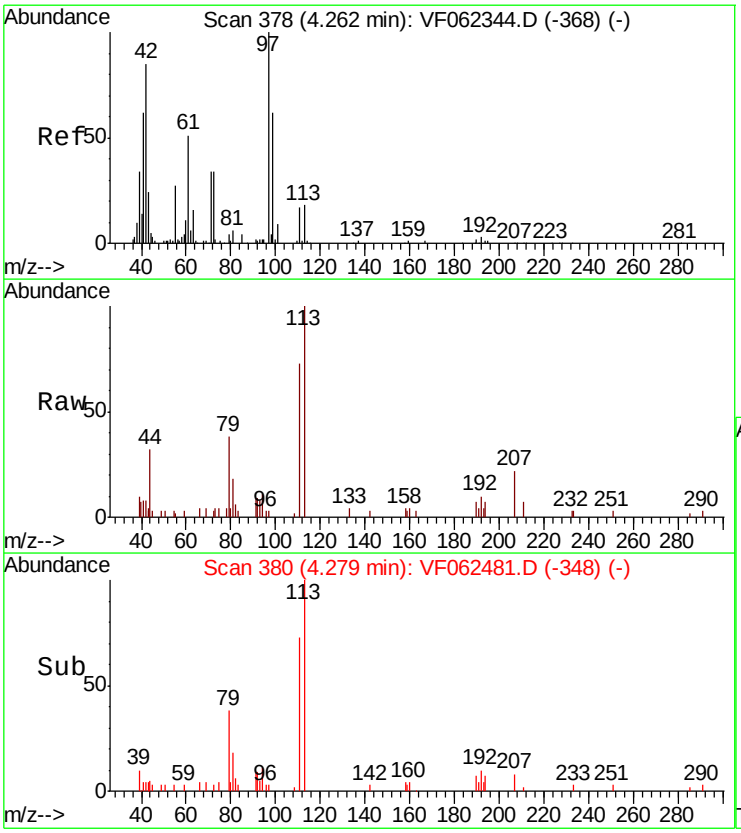
#25
2-Butanone
Concen: 1.228 ug/l
RT: 4.54 min Scan# 407
Delta R.T. 0.02 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0002-01

Tgt Ion: 43 Resp: 757

Ion	Ratio	Lower	Upper
43	100		
72	31.3	14.2	21.4#

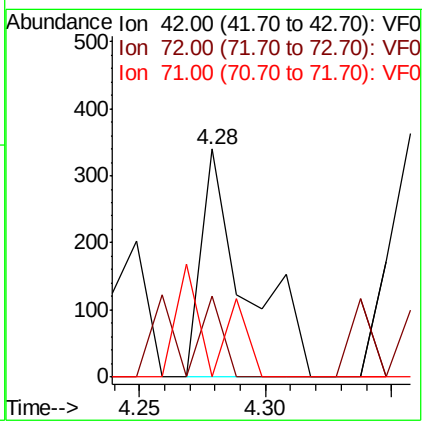


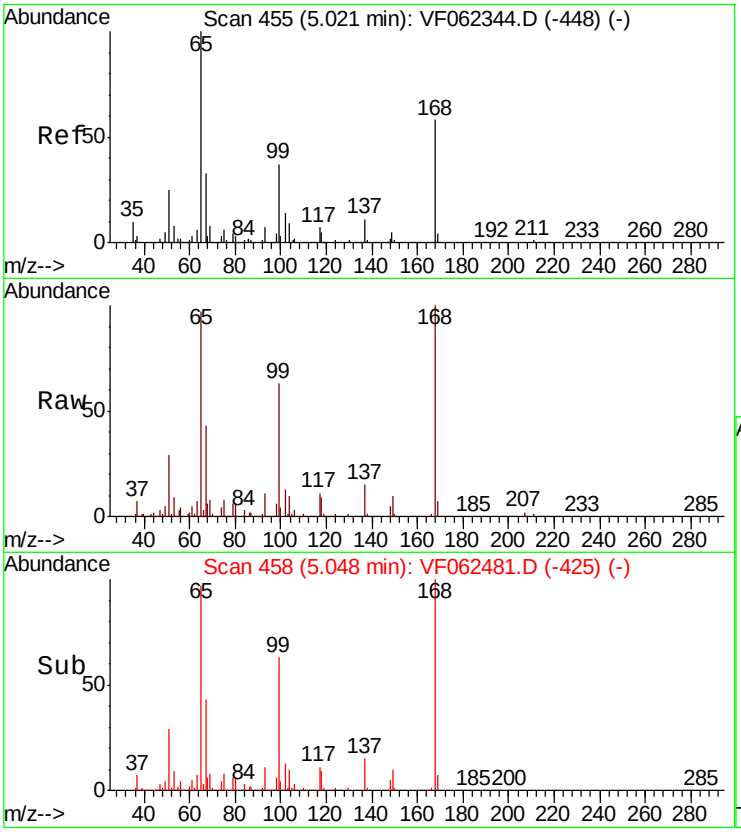


#29
Tetrahydrofuran
Concen: 1.497 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.02 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Tgt Ion: 42 Resp: 424

Ion	Ratio	Lower	Upper
42	100		
72	34.0	31.4	47.0
71	39.9	31.7	47.5



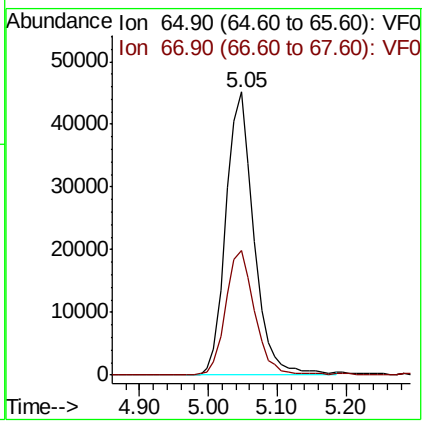


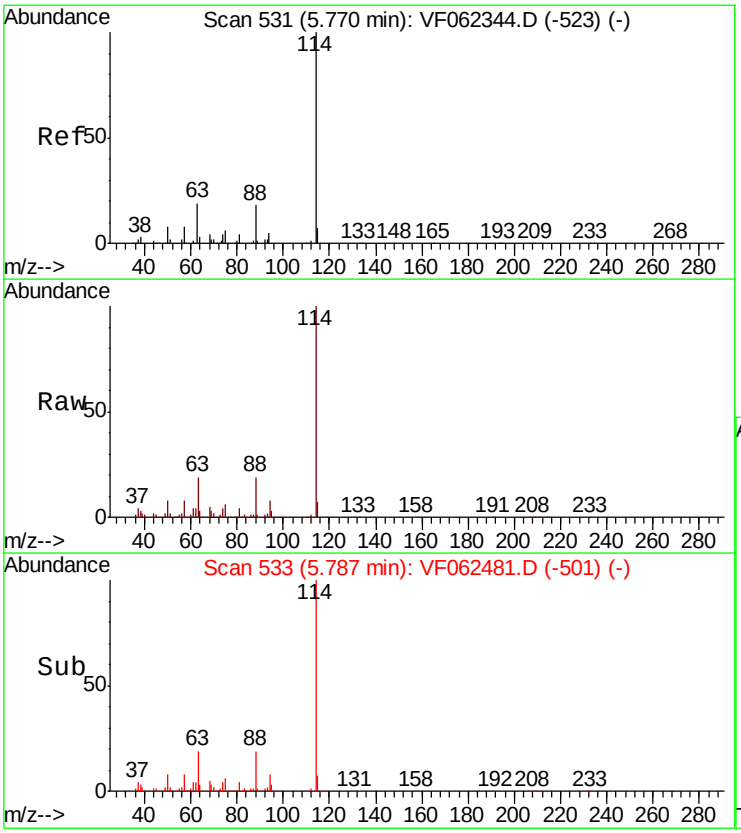
#33
1,2-Dichloroethane-d4
Concen: 52.490 ug/l
RT: 5.05 min Scan# 458
Delta R.T. 0.03 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Instrument : MSVOA_F
ClientSampleId : P021-SS004-0002-01

Tgt Ion: 65 Resp: 127279

Ion	Ratio	Lower	Upper
65	100		
67	45.6	0.0	85.8

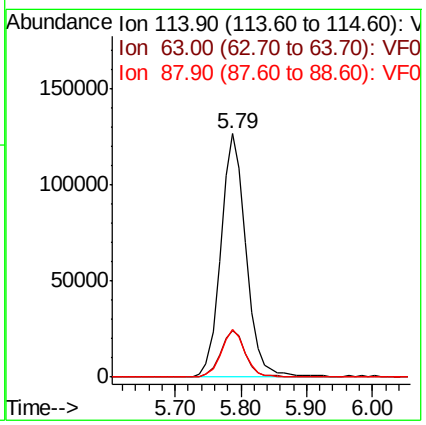


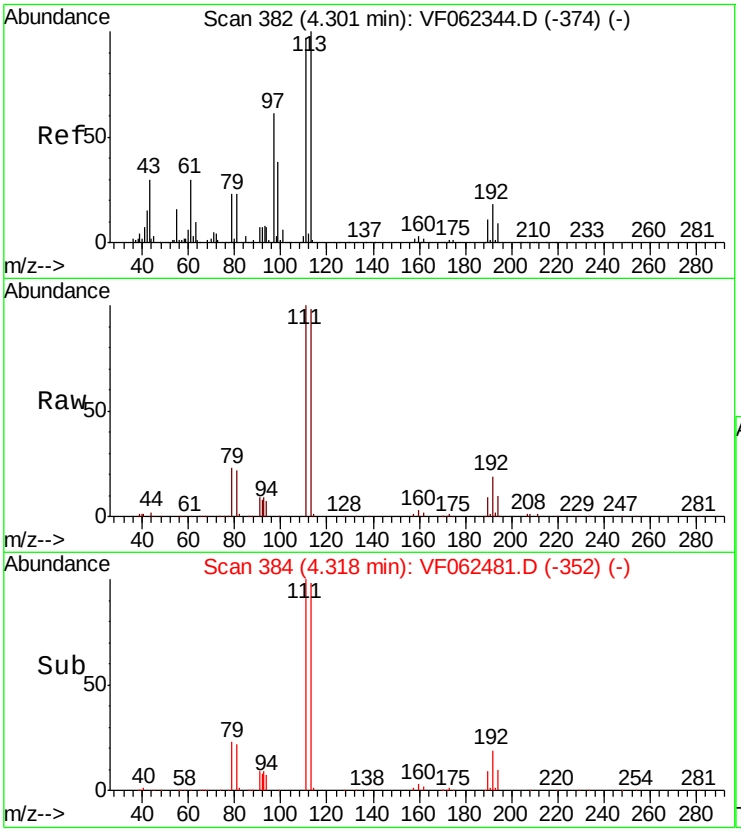


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.02 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Tgt Ion:114 Resp: 338370

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.4
88	19.5	0.0	36.4



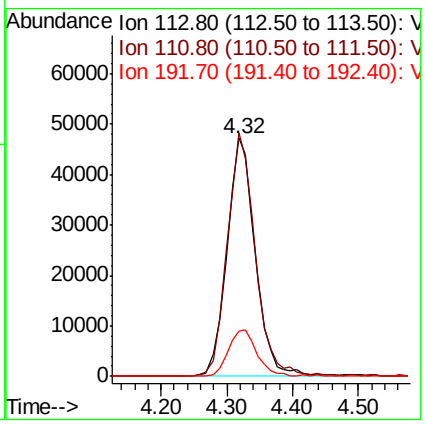


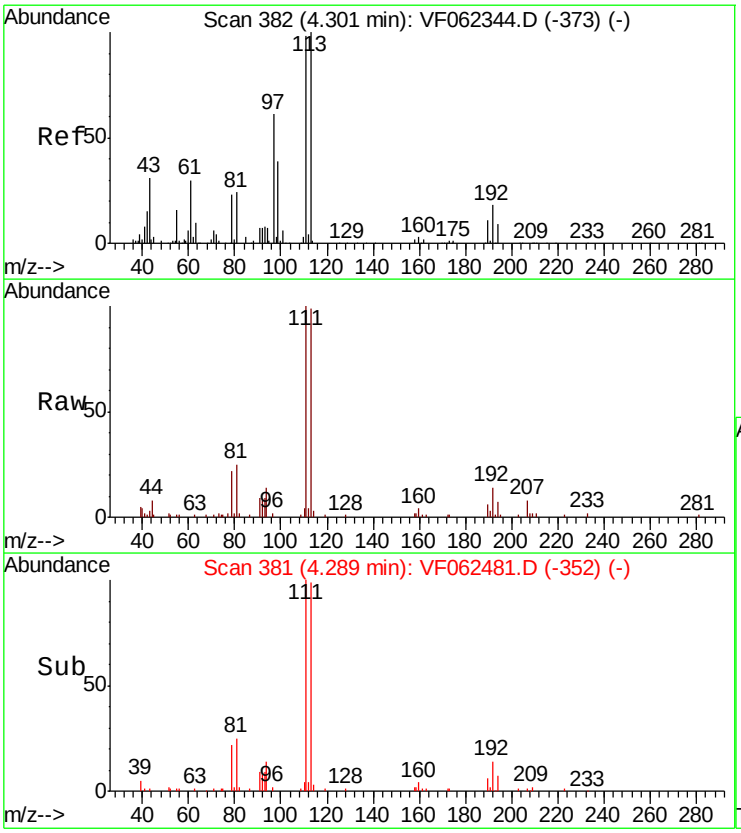
#35
Dibromofluoromethane
Concen: 52.770 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0002-01

Tgt Ion:113 Resp: 142254

Ion	Ratio	Lower	Upper
113	100		
111	101.3	79.4	119.0
192	19.8	16.0	24.0

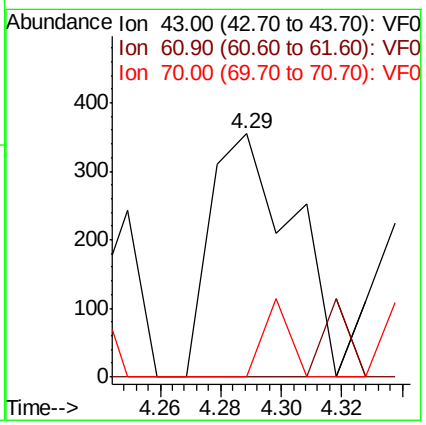


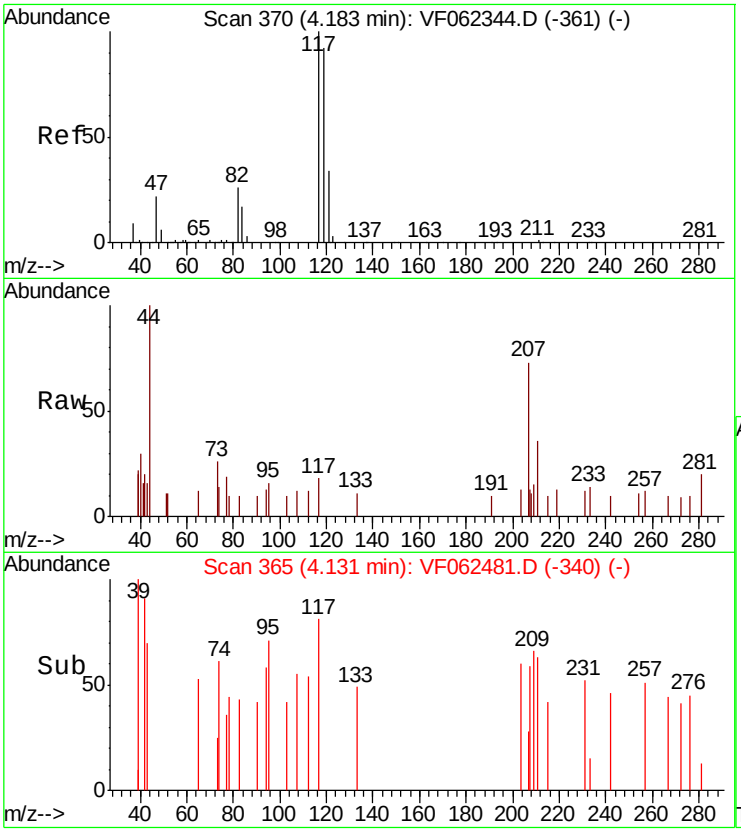


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.29 min Scan# 381
Delta R.T. -0.01 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Tgt Ion: 43 Resp: 667

Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	10.0	8.2	12.2



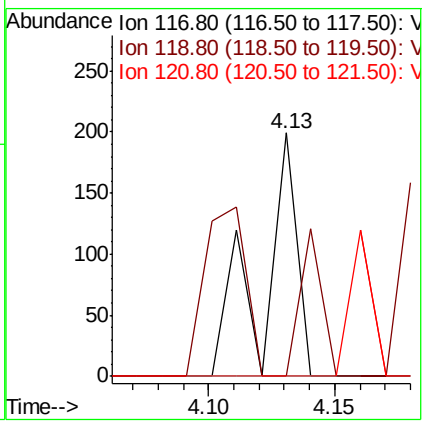


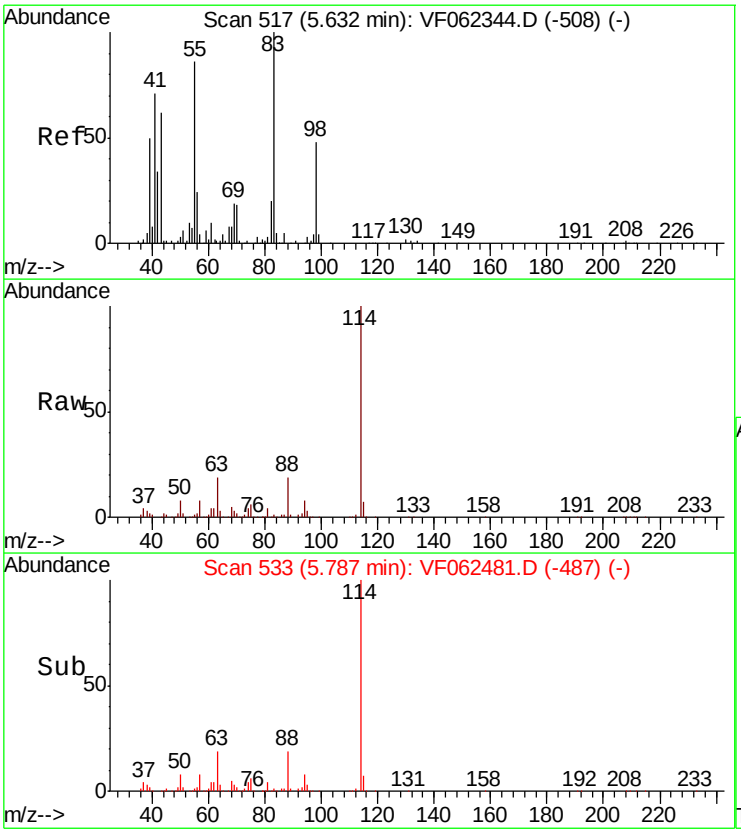
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.13 min Scan# 365
Delta R.T. -0.05 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0002-01

Tgt Ion:117 Resp: 189

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

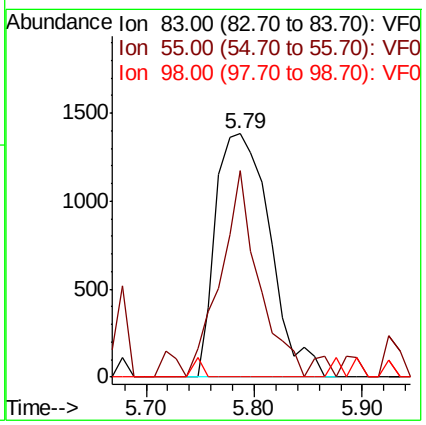


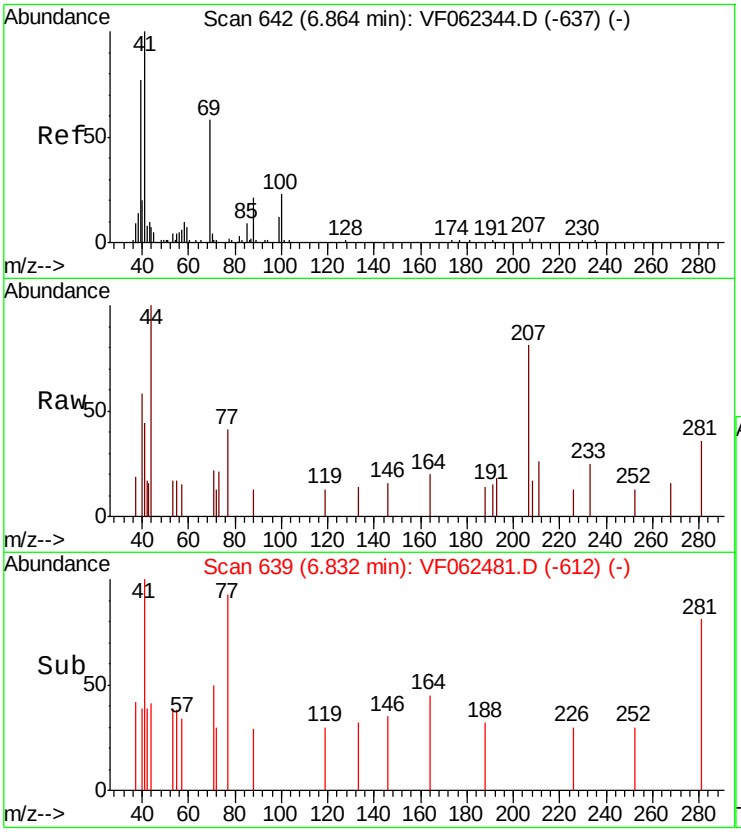


#39
Methylcyclohexane
Concen: 1.656 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.15 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Tgt Ion: 83 Resp: 4828

Ion	Ratio	Lower	Upper
83	100		
55	85.0	69.0	103.6
98	0.0	38.6	58.0#



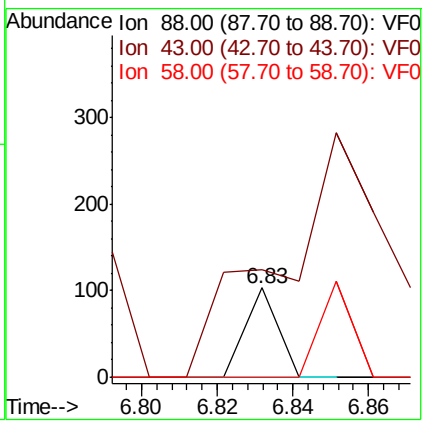


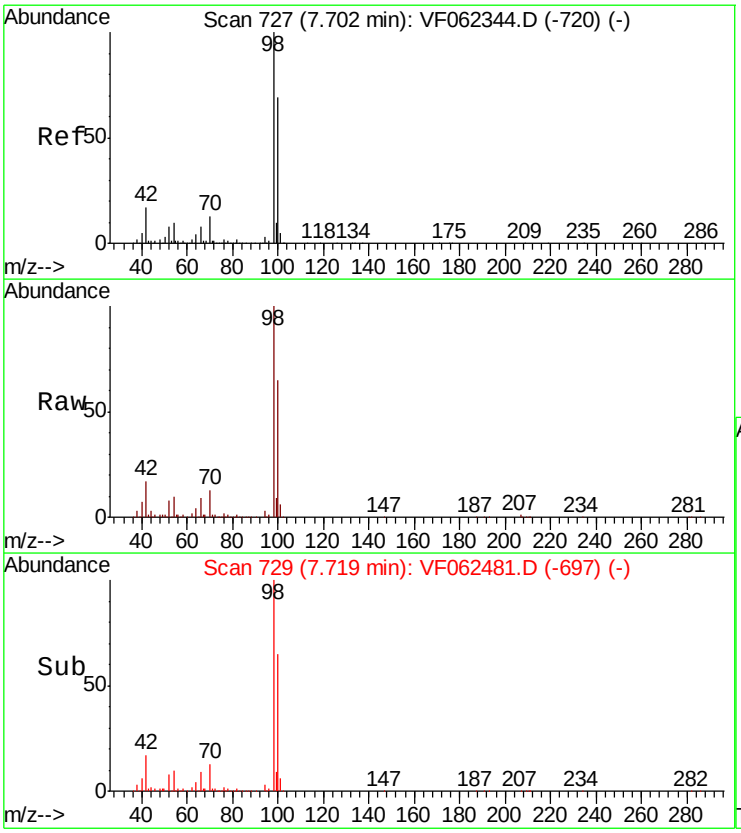
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.83 min Scan# 639
Delta R.T. -0.03 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0002-01

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	901.6	55.6	83.4#
58	106.6	52.8	79.2#

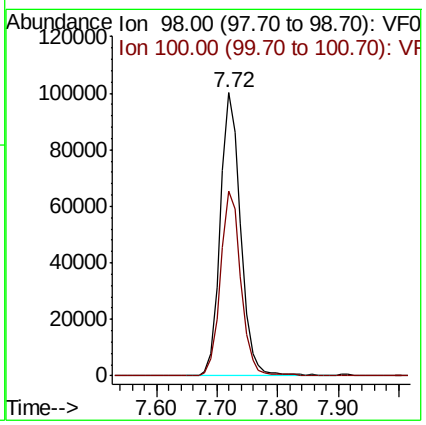


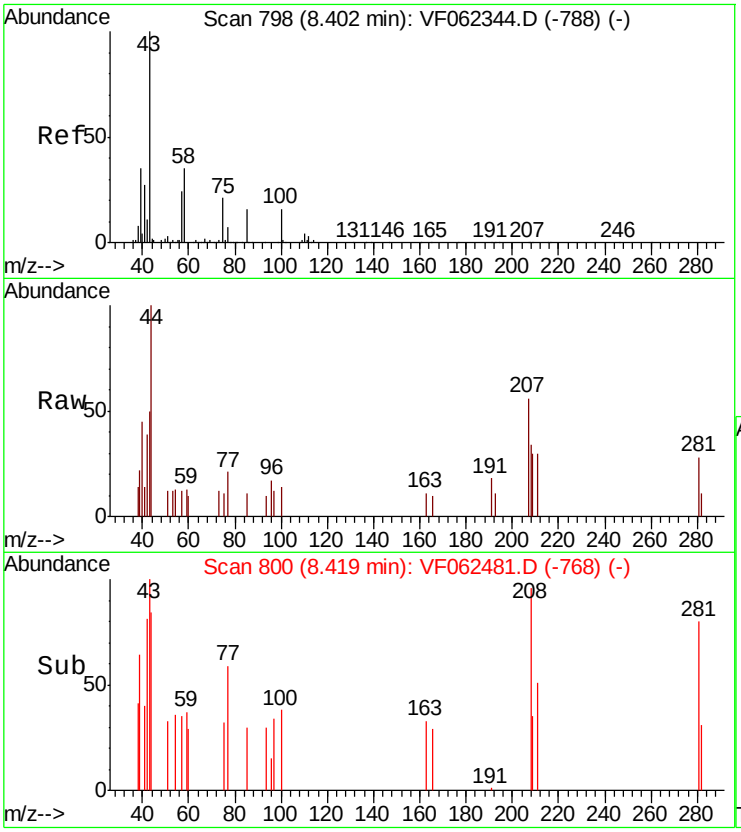


#50
Toluene-d8
Concen: 35.765 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Tgt Ion: 98 Resp: 233384

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.3	79.9



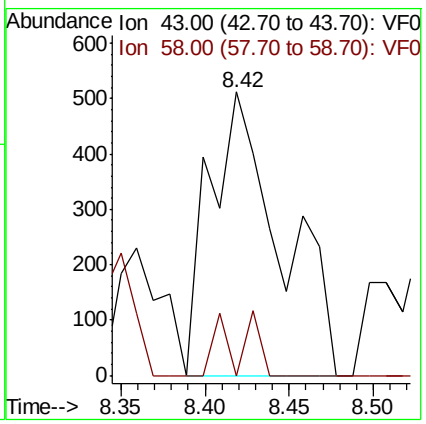


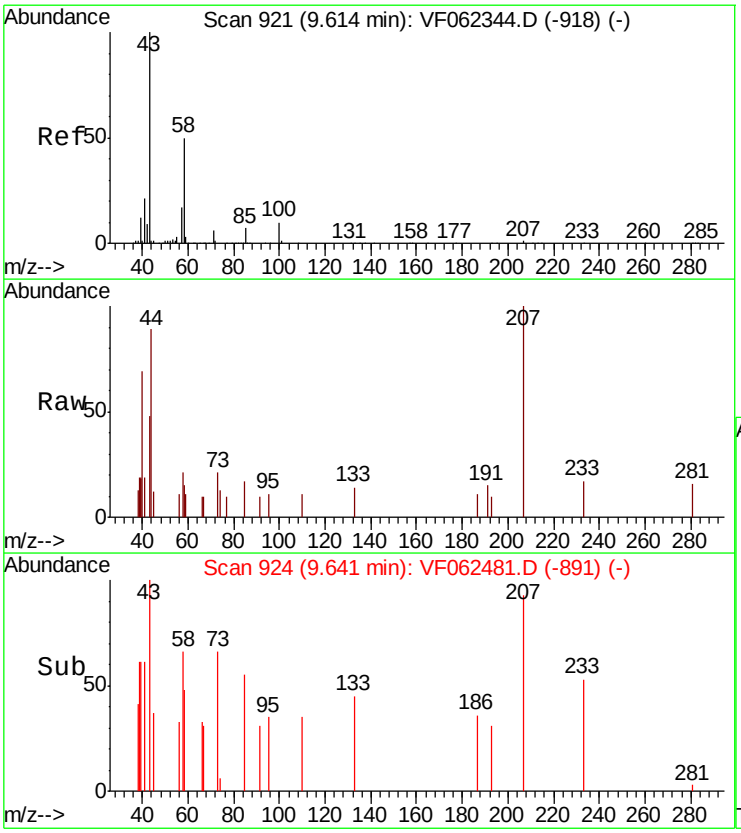
#51
4-Methyl-2-Pentanone
Concen: 1.504 ug/l
RT: 8.42 min Scan# 800
Delta R.T. 0.02 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Instrument : MSVOA_F
ClientSampleId : P021-SS004-0002-01

Tgt Ion: 43 Resp: 1507

Ion	Ratio	Lower	Upper
43	100		
58	9.0	27.8	41.6#

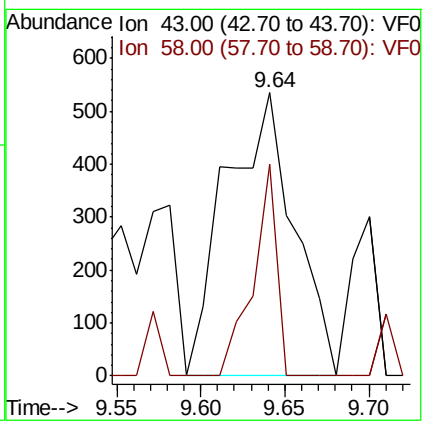


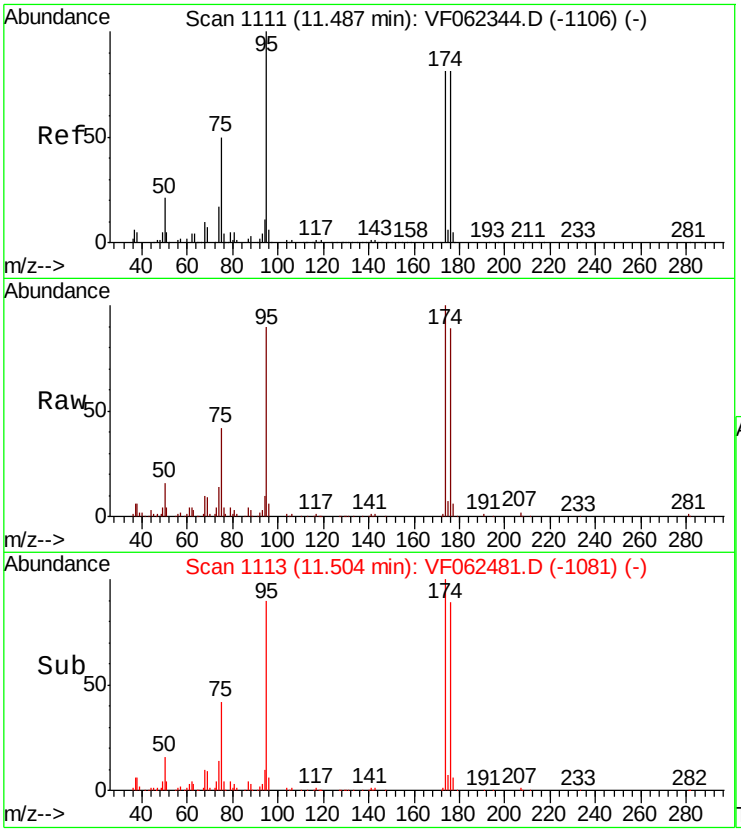


#59
2-Hexanone
Concen: 2.172 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.03 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Tgt Ion: 43 Resp: 1505

Ion	Ratio	Lower	Upper
43	100		
58	25.6	24.3	73.0



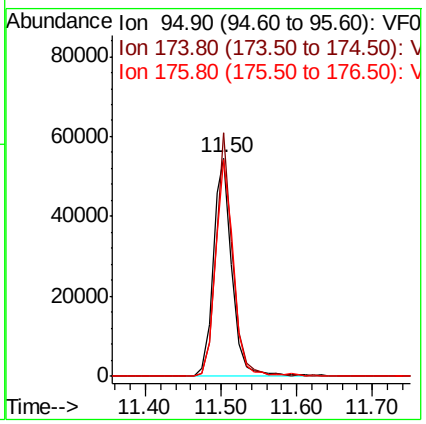


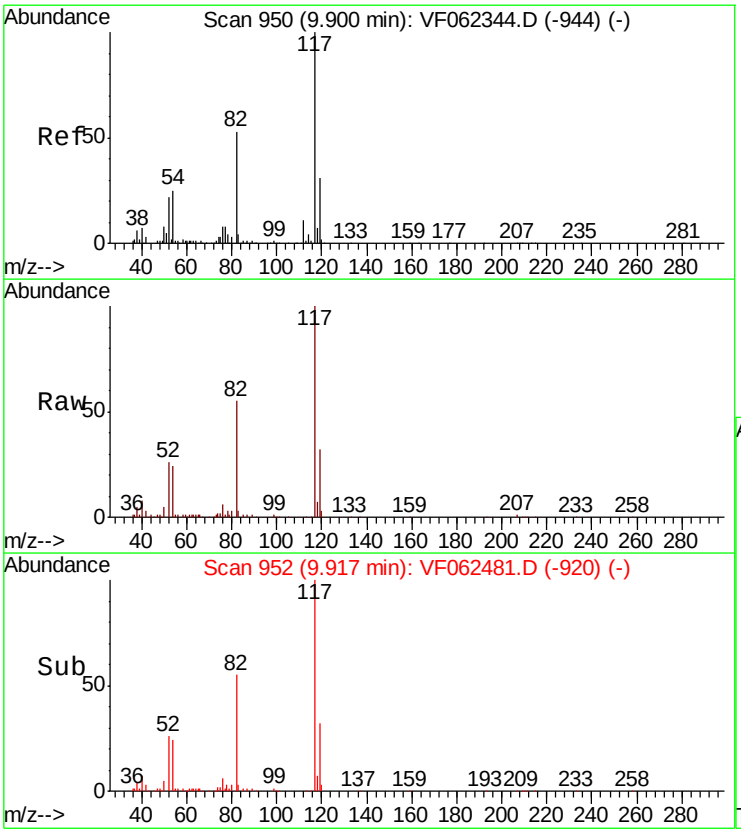
#62
4-Bromofluorobenzene
Concen: 32.027 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS004-0002-01

Tgt Ion: 95 Resp: 94290

Ion	Ratio	Lower	Upper
95	100		
174	100.5	0.0	191.8
176	96.7	0.0	193.2

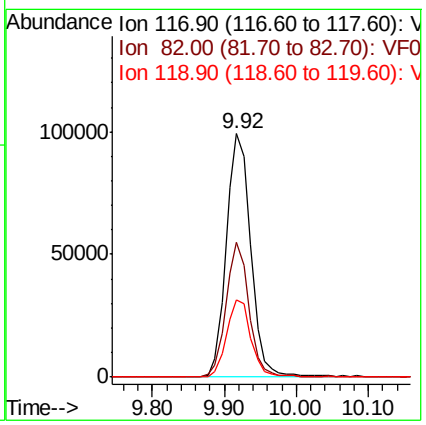


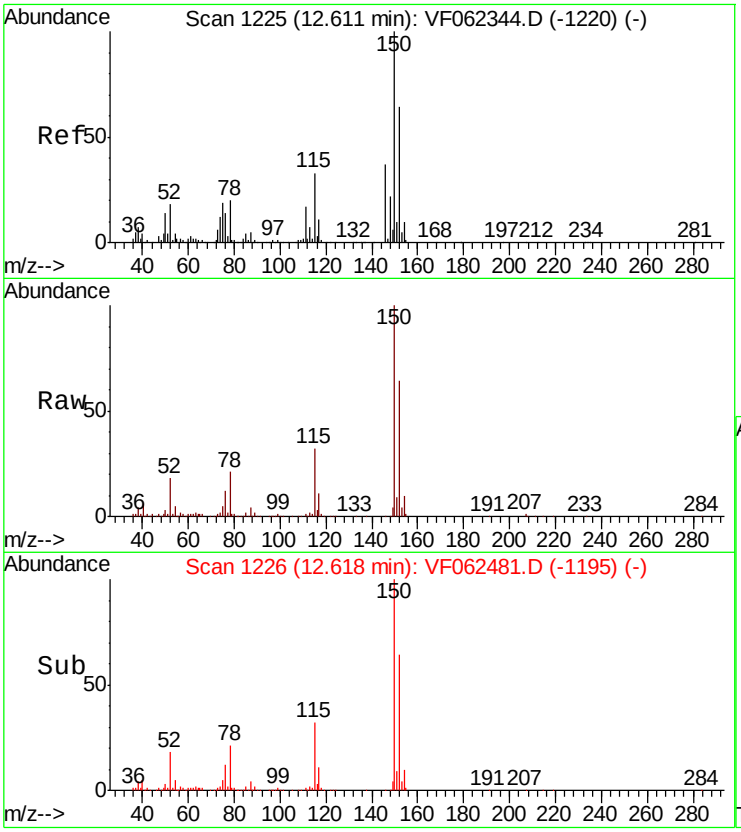


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Tgt Ion:117 Resp: 234881

Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.2	63.2
119	31.7	25.0	37.4



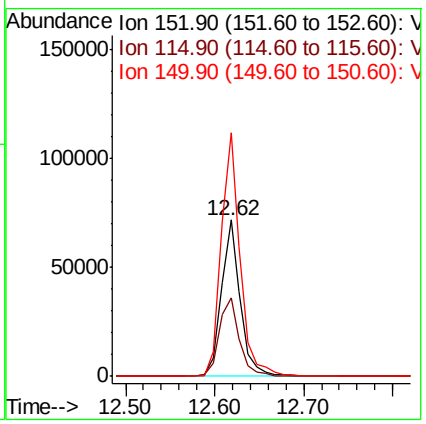


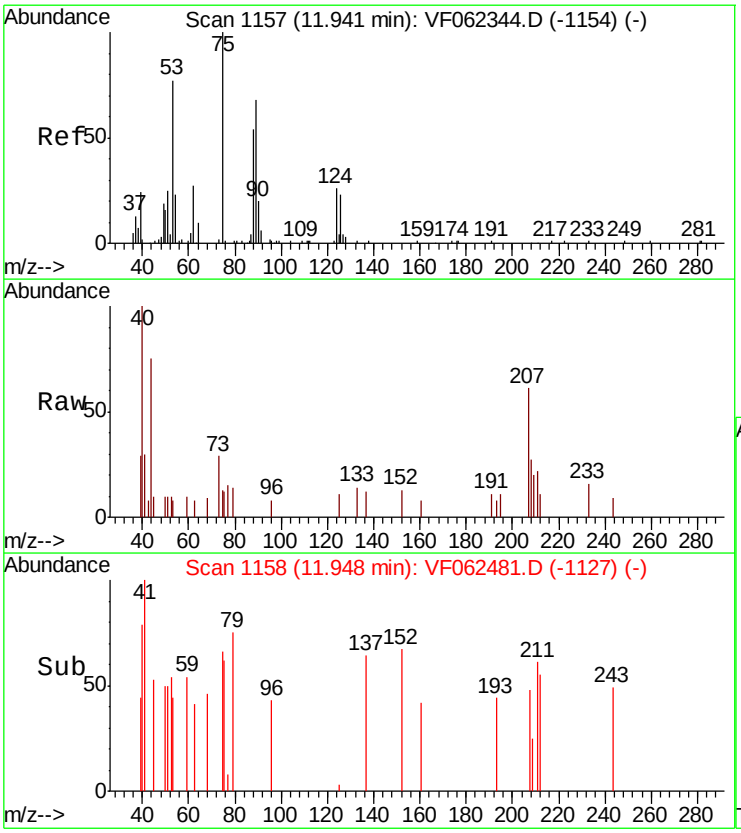
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Instrument : MSVOA_F
ClientSampleId : P021-SS004-0002-01

Tgt Ion:152 Resp: 107413

Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.4	79.2
150	156.7	0.0	335.0





#81
trans-1,4-Dichloro-2-butene
Concen: 1.385 ug/l
RT: 11.95 min Scan# 1158
Delta R.T. 0.01 min
Lab File: VF062481.D
Acq: 12 May 2019 2:27

Tgt Ion: 75 Resp: 396

Ion	Ratio	Lower	Upper
75	100		
53	36.6	71.9	107.9#
89	0.0	0.0	0.0