Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062572.D
Acq On : 14 May 2019 6:50
Operator : FY/SY
Sample : K2647-07
Misc : 5.89g/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : SU-02-050919-B

Quant Time: May 14 08:39:49 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	261255	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	359017	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	295111	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	164201	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	98265	39.80	ug/l	0.03
Spiked Amount 50.000			Recovery = 79.60%			
35) Dibromofluoromethane	4.33	113	115369	40.34	ug/l	0.03
Spiked Amount 50.000			Recovery = 80.68%			
50) Toluene-d8	7.74	98	205697	29.71	ug/l	0.03
Spiked Amount 50.000			Recovery = 59.42%			
62) 4-Bromofluorobenzene	11.51	95	107095	34.28	ug/l	0.02
Spiked Amount 50.000			Recovery = 68.56%			
Target Compounds						Qvalue
5) Bromomethane	1.40	94	152	Below Cal	#	10
8) Diethyl Ether	1.71	74	805	1.289	ug/l	99
11) Tert butyl alcohol	2.73	59	794	5.690	ug/l #	1
13) Acrolein	2.16	56	271	Below Cal	#	13
15) Acrylonitrile	3.10	53	421	1.593	ug/l #	10
16) Acetone	2.35	43	6164	12.341	ug/l #	91
18) Methyl Acetate	2.50	43	1260	Below Cal		96
20) Methylene Chloride	2.29	84	5063	2.802	ug/l #	89
29) Tetrahydrofuran	4.30	42	653	2.264	ug/l #	50
37) Ethyl Acetate	4.32	43	562	Below Cal	#	1
38) Carbon Tetrachloride	4.39	117	81	Below Cal	#	14
39) Methylcyclohexane	5.79	83	6330	2.047	ug/l #	34
49) 1,4-Dioxane	6.87	88	68	Below Cal	#	1

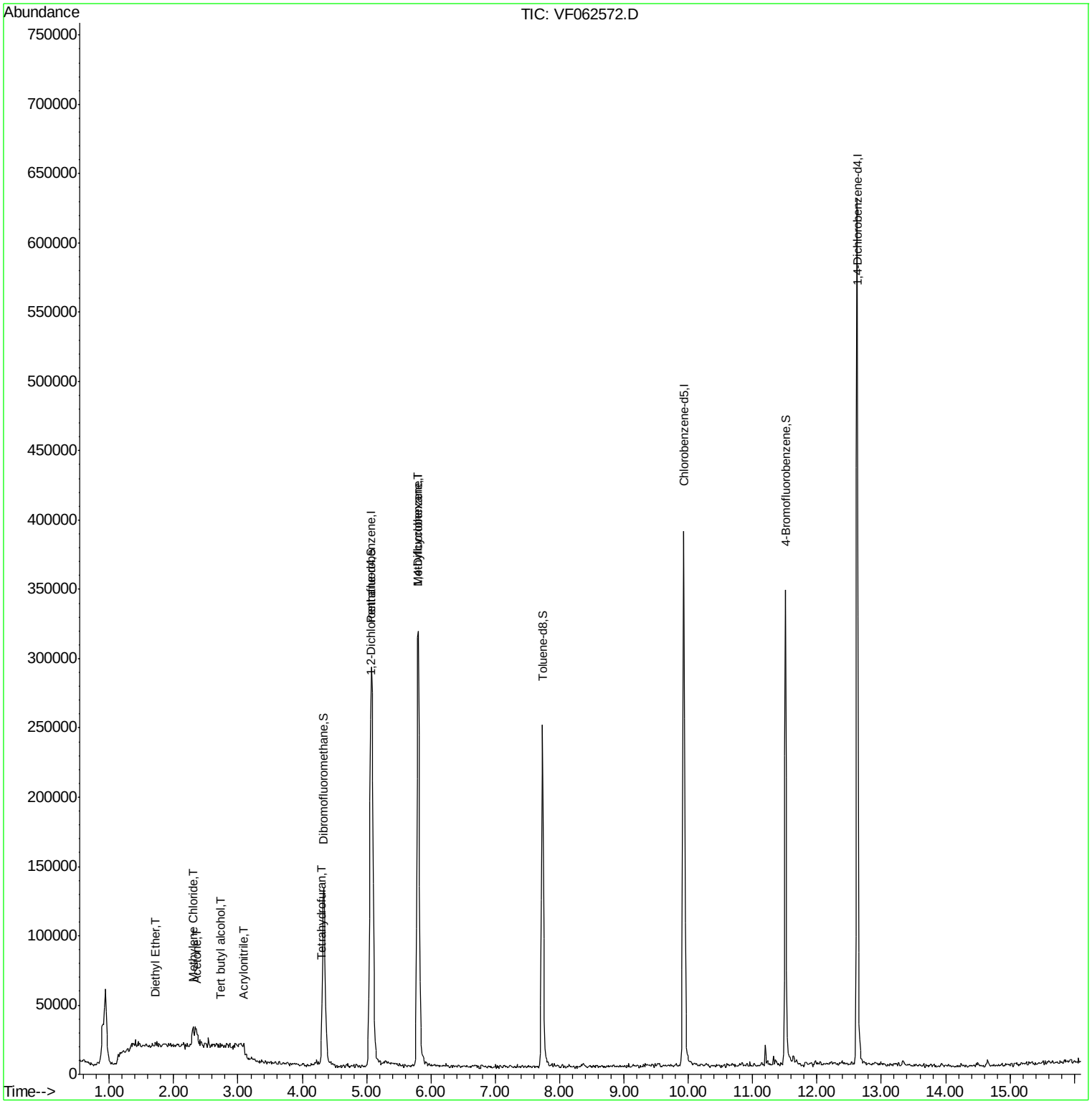
(#) = qualifier out of range (m) = manual integration (+) = signals summed

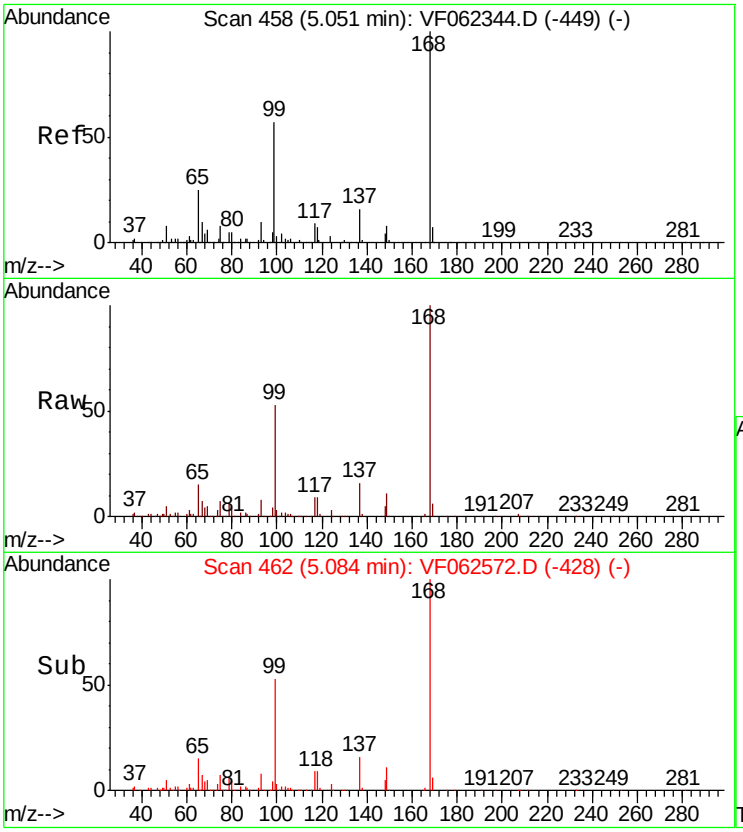
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062572.D
Acq On : 14 May 2019 6:50
Operator : FY/SY
Sample : K2647-07
Misc : 5.89g/5mL/MSVOA_F/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SU-02-050919-B

Quant Time: May 14 08:39:49 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



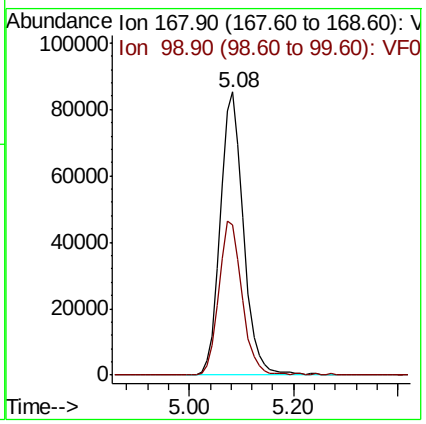


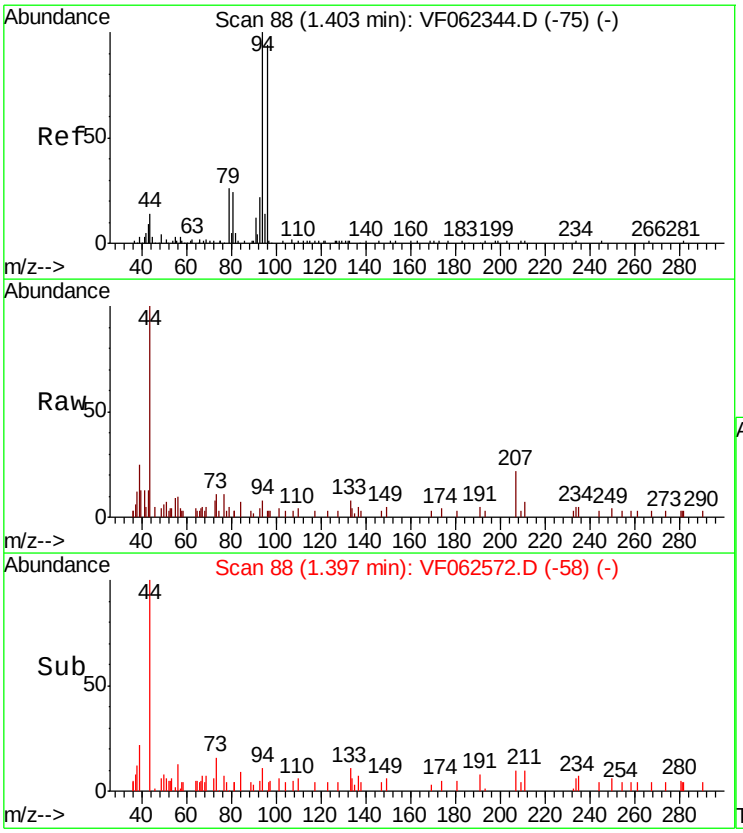
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 462
Delta R.T. 0.03 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Instrument :
MSVOA_F
ClientSampleId :
SU-02-050919-B

Tgt Ion:168 Resp: 261255

Ion	Ratio	Lower	Upper
168	100		
99	53.1	45.9	68.9

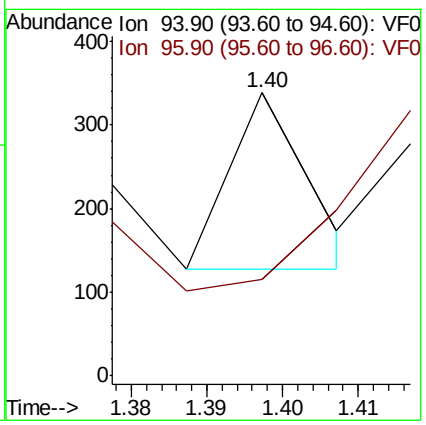


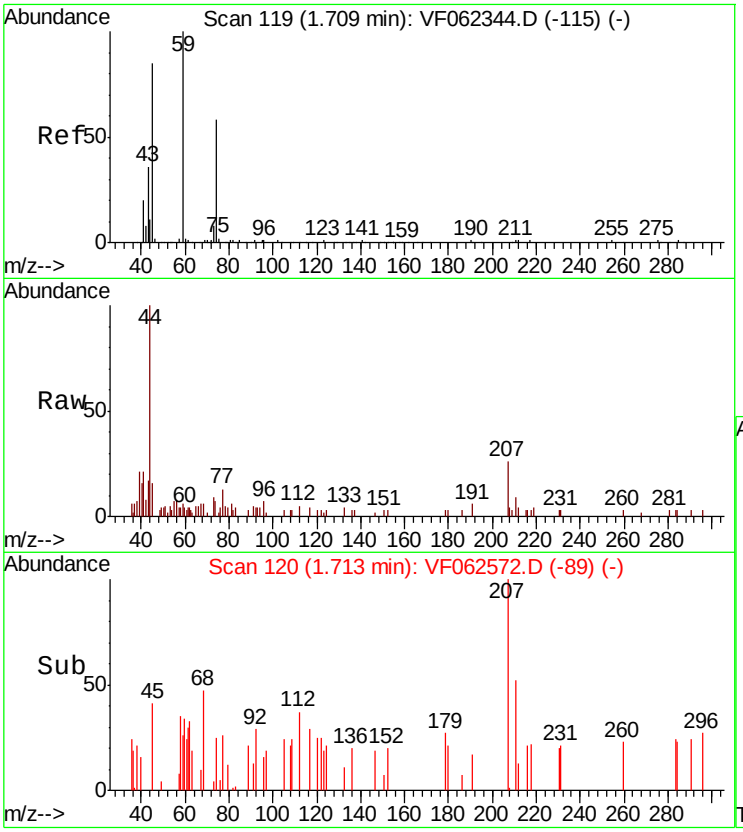


#5
Bromomethane
Concen: Below Cal
RT: 1.40 min Scan# 88
Delta R.T. -0.01 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion: 94 Resp: 152

Ion	Ratio	Lower	Upper
94	100		
96	7.1	75.4	113.2#



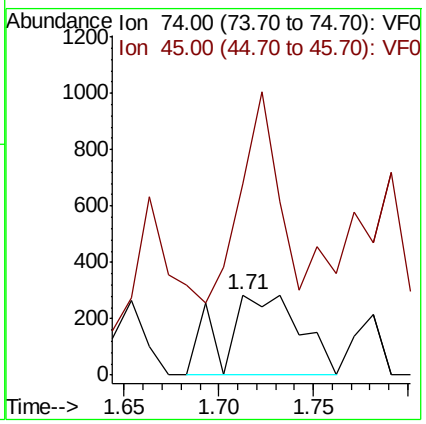


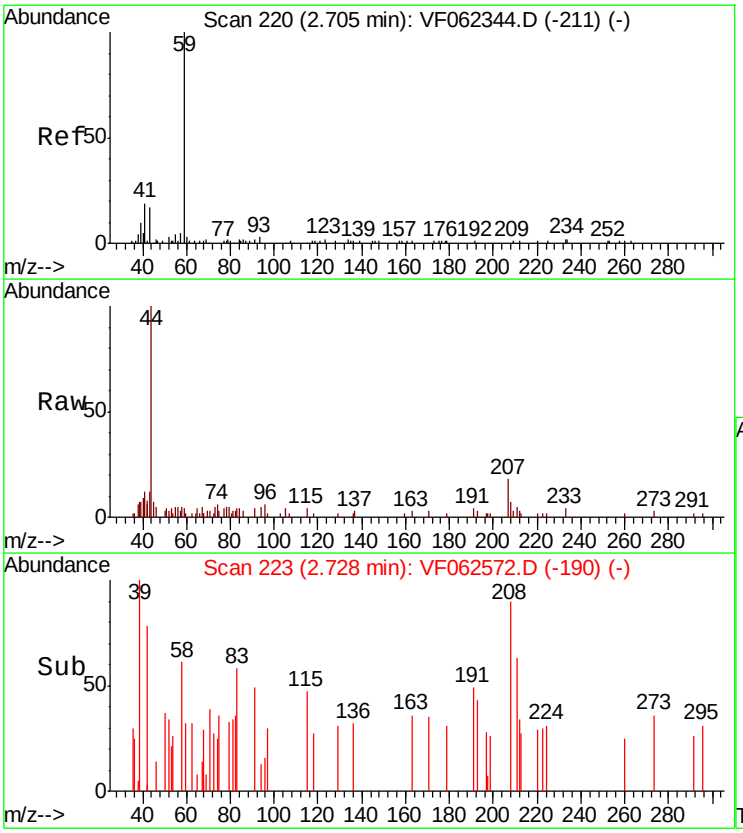
#8
Diethyl Ether
Concen: 1.289 ug/l
RT: 1.71 min Scan# 120
Delta R.T. 0.00 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Instrument :
MSVOA_F
ClientSampleId :
SU-02-050919-B

Tgt Ion: 74 Resp: 805

Ion	Ratio	Lower	Upper
74	100		
45	148.7	73.9	221.6

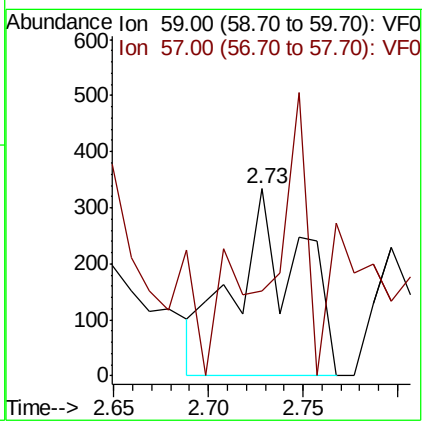


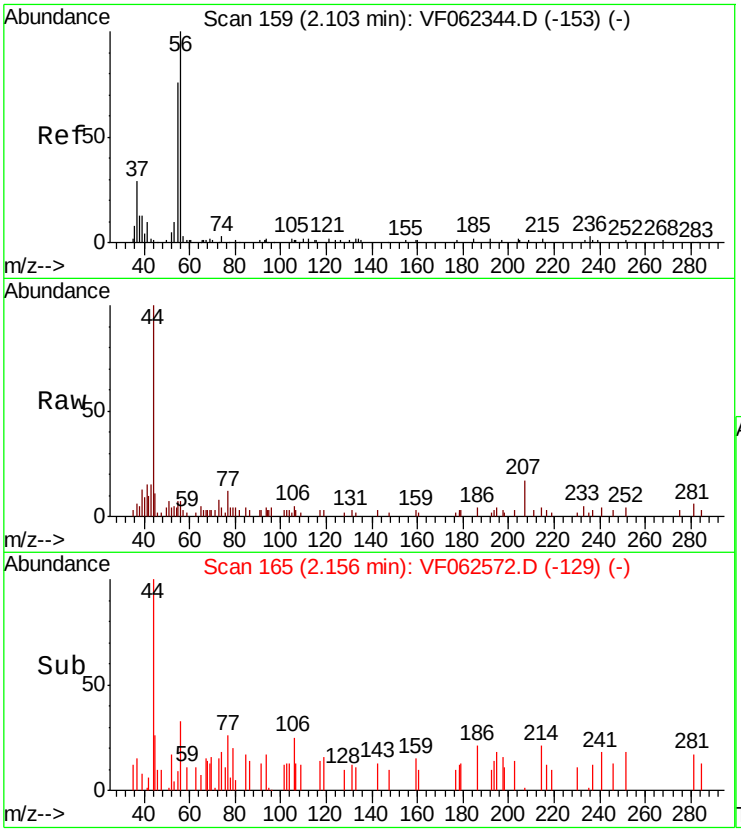


#11
Tert butyl alcohol
Concen: 5.690 ug/l
RT: 2.73 min Scan# 223
Delta R.T. 0.02 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion: 59 Resp: 794

Ion	Ratio	Lower	Upper
59	100		
57	90.4	9.3	13.9#



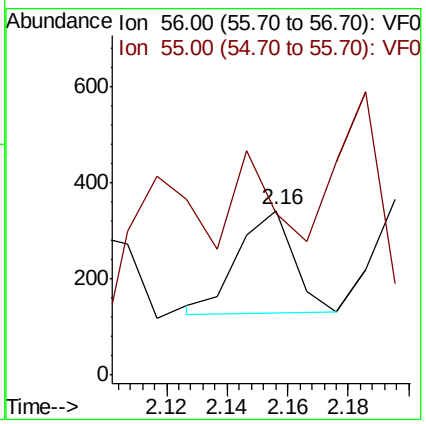


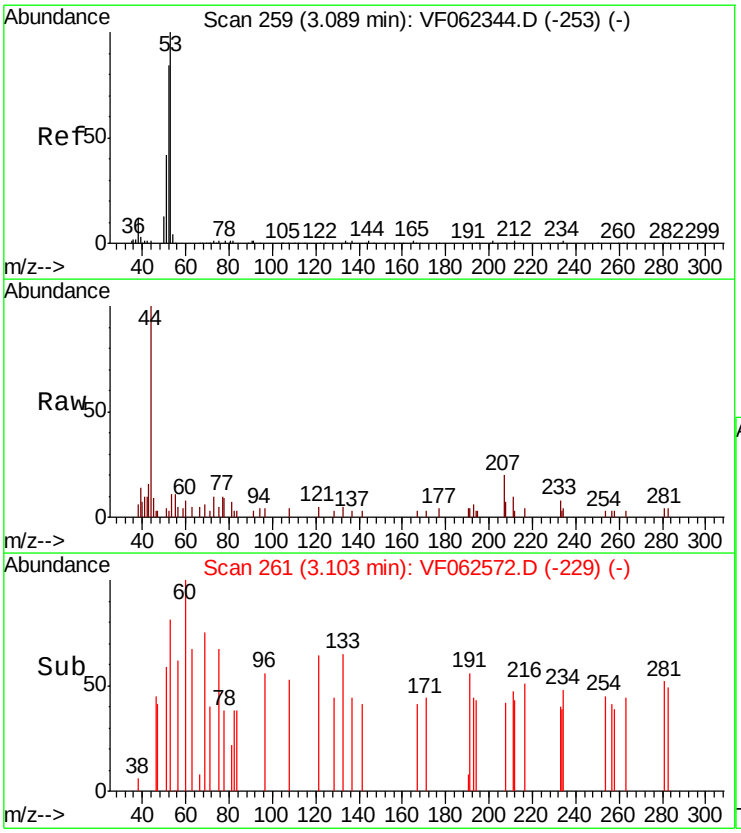
#13
Acrolein
Concen: Below Cal
RT: 2.16 min Scan# 165
Delta R.T. 0.05 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Instrument :
MSVOA_F
ClientSampleId :
SU-02-050919-B

Tgt Ion: 56 Resp: 271

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.4	87.6#

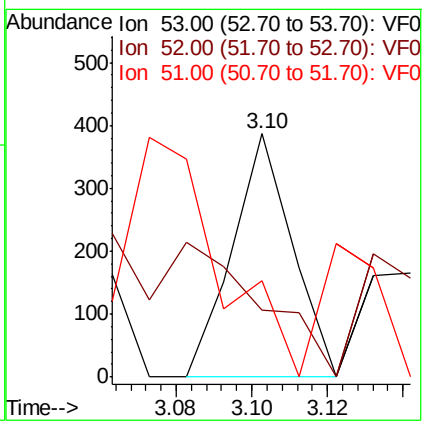


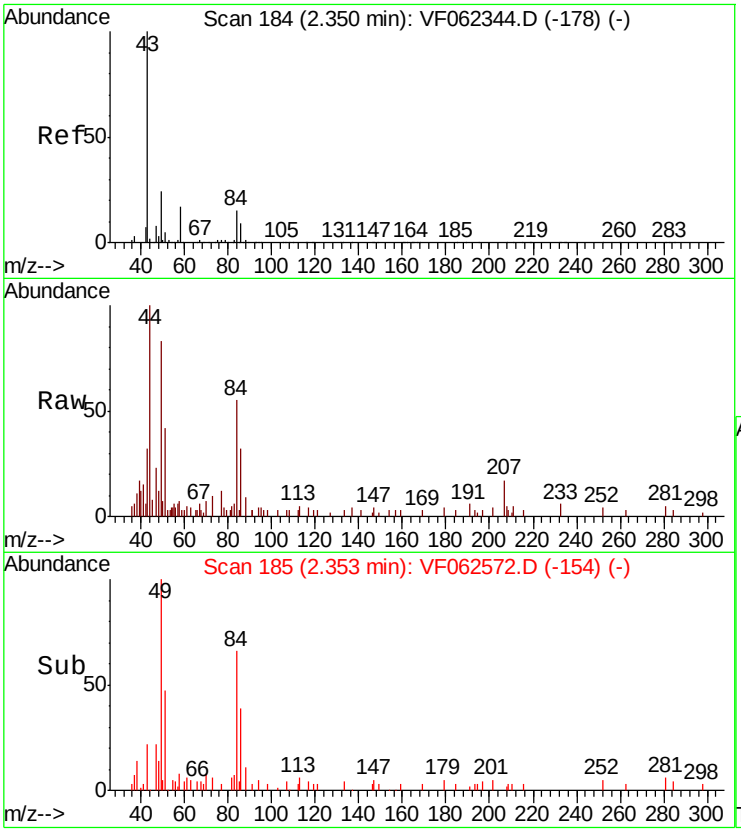


#15
Acrylonitrile
Concen: 1.593 ug/l
RT: 3.10 min Scan# 261
Delta R.T. 0.01 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion: 53 Resp: 421

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



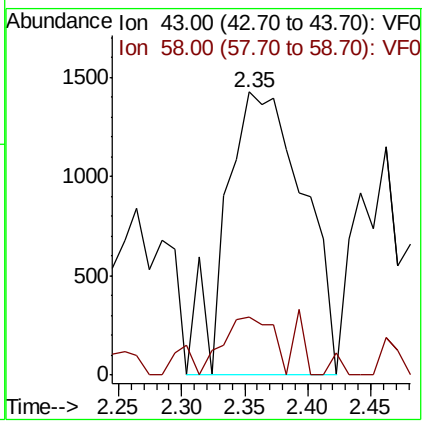


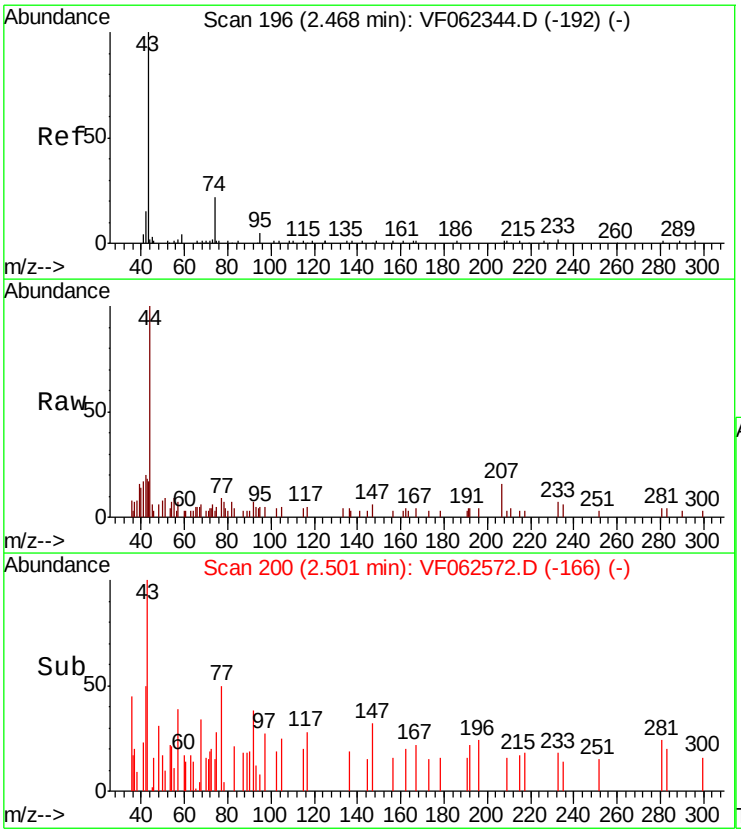
#16
Acetone
Concen: 12.341 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.00 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Instrument :
MSVOA_F
ClientSampleId :
SU-02-050919-B

Tgt Ion: 43 Resp: 6164

Ion	Ratio	Lower	Upper
43	100		
58	12.5	13.1	19.7#

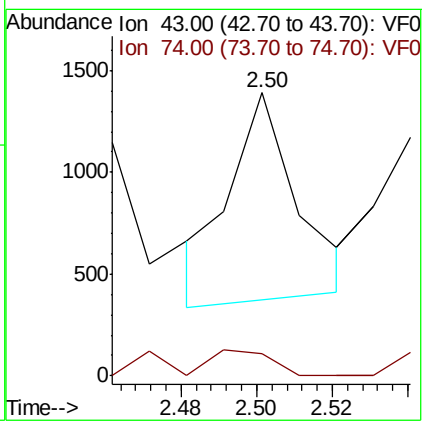


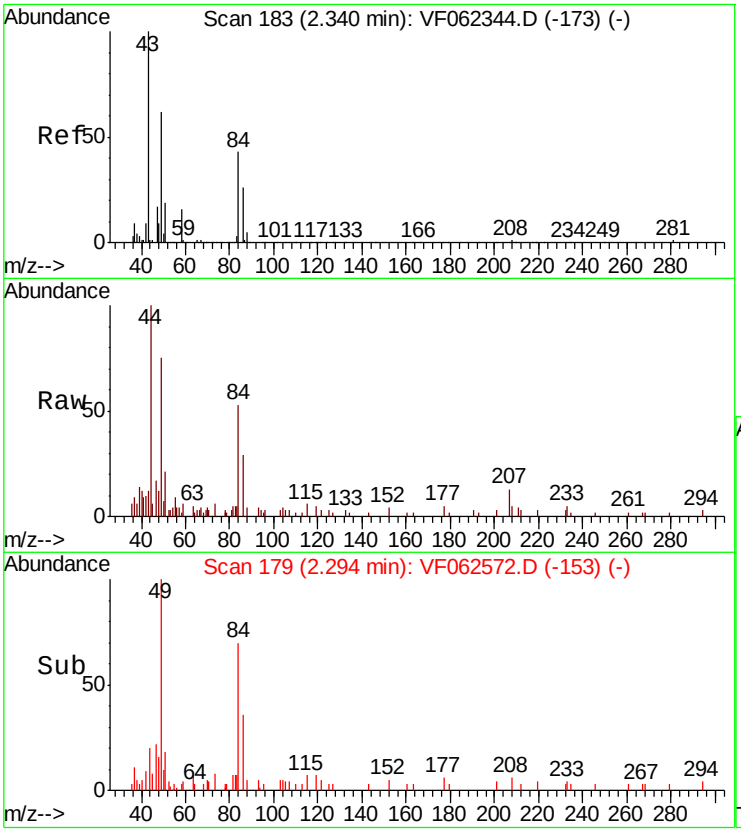


#18
Methyl Acetate
Concen: Below Cal
RT: 2.50 min Scan# 200
Delta R.T. 0.03 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion: 43 Resp: 1260

Ion	Ratio	Lower	Upper
43	100		
74	16.8	15.0	22.4



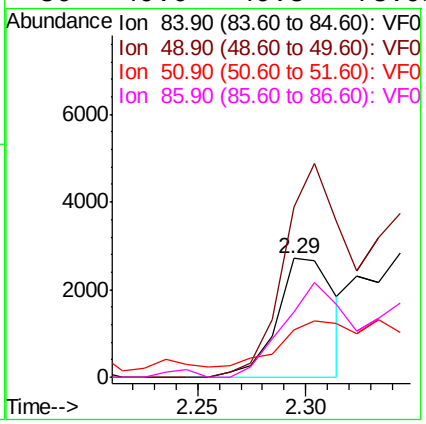


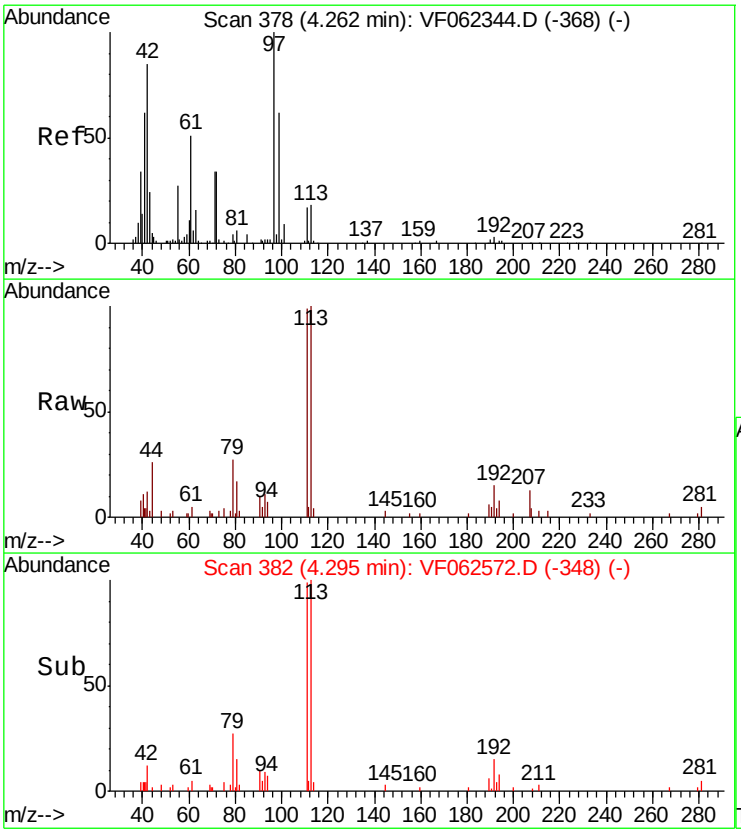
#20
Methylene Chloride
Concen: 2.802 ug/l
RT: 2.29 min Scan# 179
Delta R.T. -0.05 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Instrument : MSVOA_F
ClientSampleId : SU-02-050919-B

Tgt Ion: 84 Resp: 5063

Ion	Ratio	Lower	Upper
84	100		
49	143.1	117.5	176.3
51	28.3	37.0	55.4#
86	49.0	49.3	73.9#

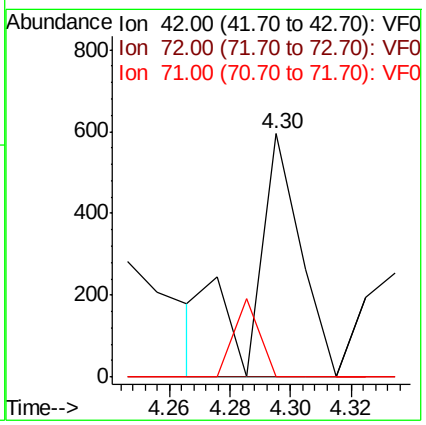


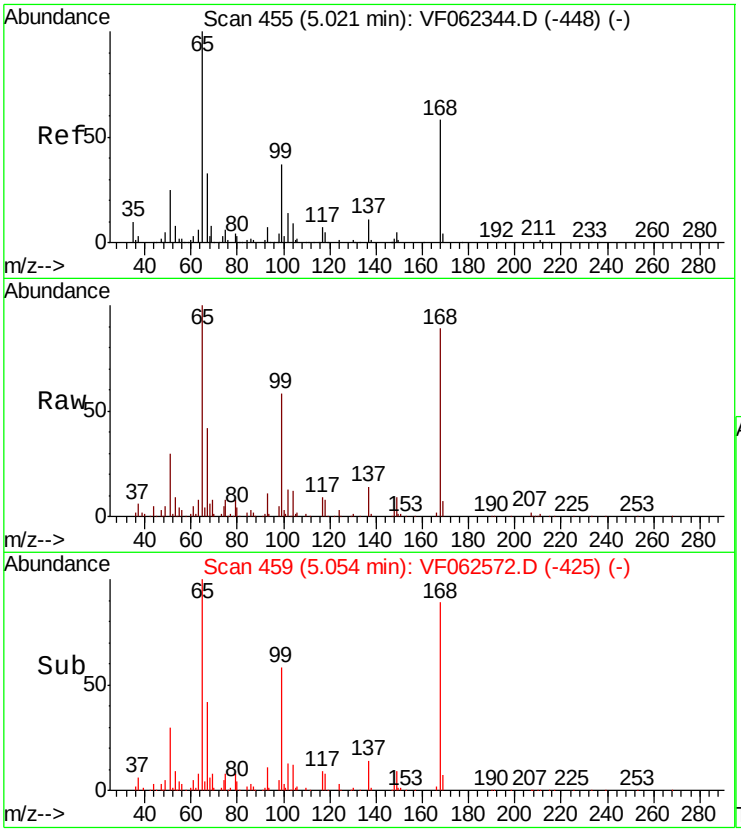


#29
Tetrahydrofuran
Concen: 2.264 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.03 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion: 42 Resp: 653

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	17.5	31.7	47.5#



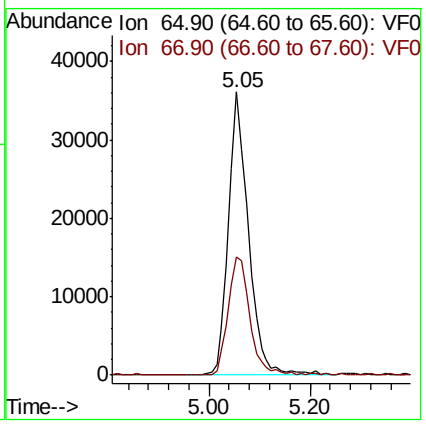


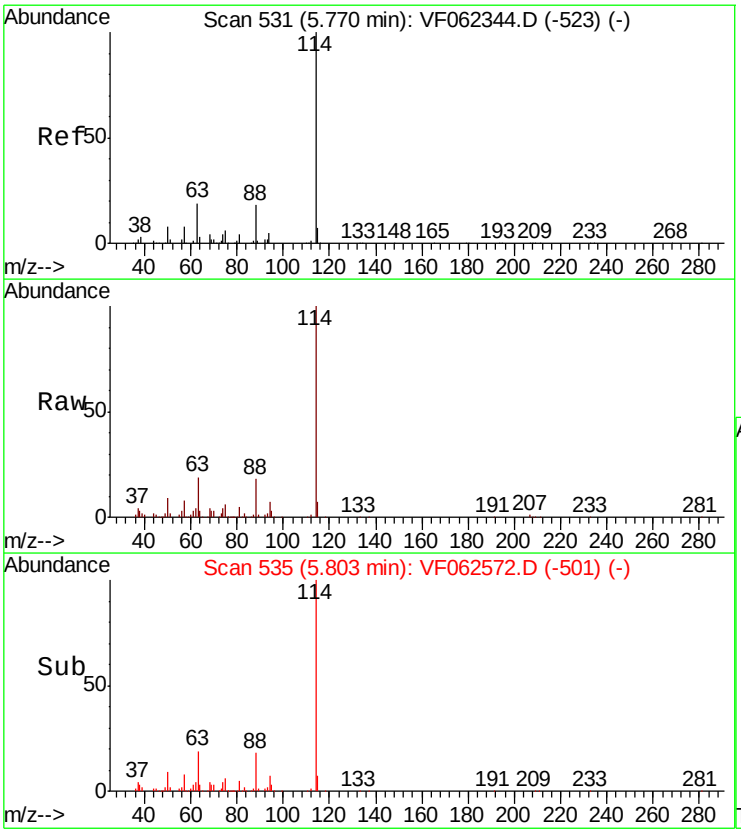
#33
1,2-Dichloroethane-d4
Concen: 39.800 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.03 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Instrument : MSVOA_F
ClientSampleId : SU-02-050919-B

Tgt Ion: 65 Resp: 98265

Ion	Ratio	Lower	Upper
65	100		
67	45.2	0.0	85.8

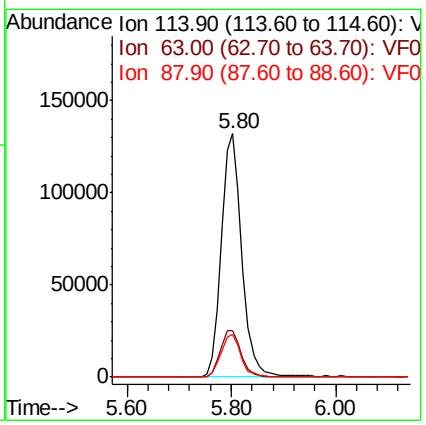


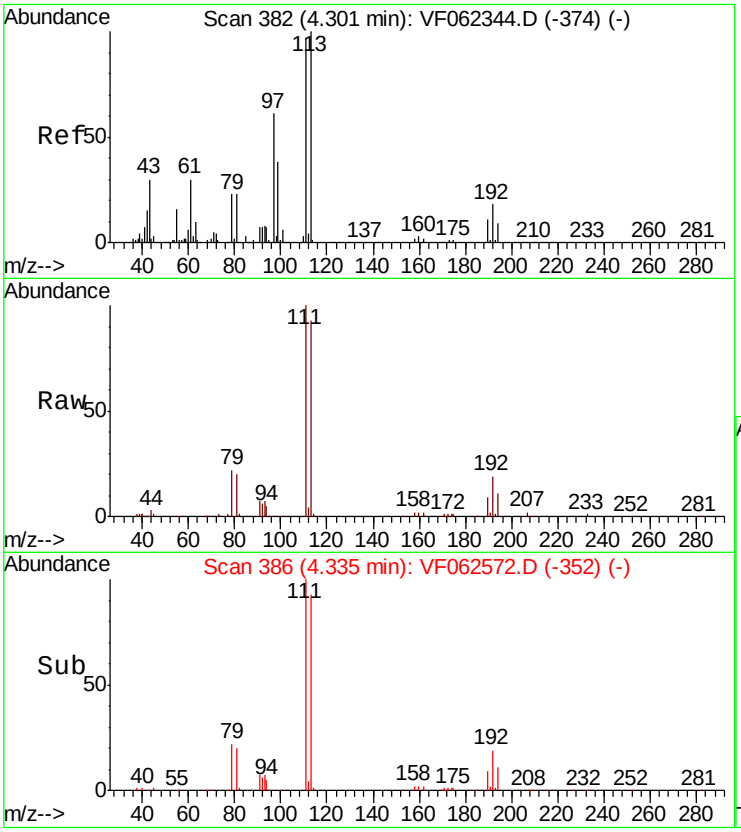


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 535
Delta R.T. 0.03 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion:114 Resp: 359017

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	37.4
88	17.6	0.0	36.4



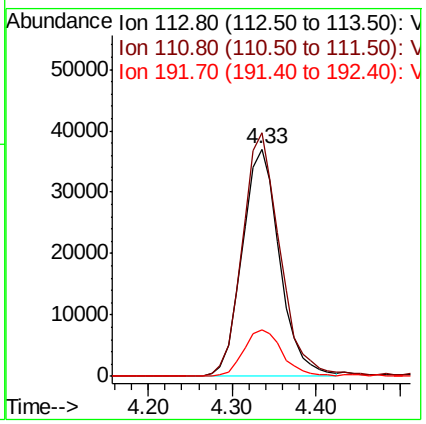


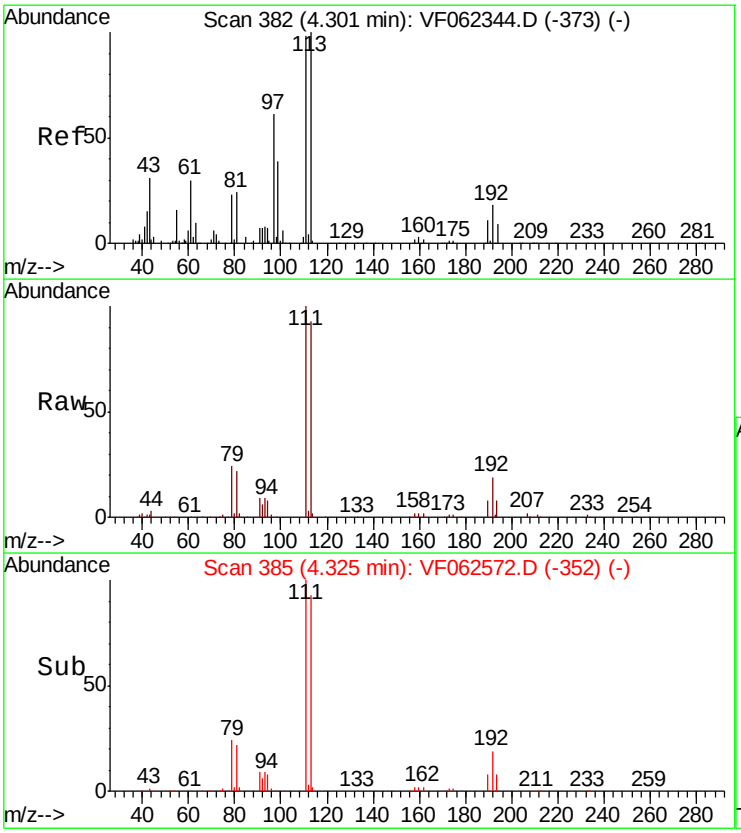
#35
Dibromofluoromethane
Concen: 40.336 ug/l
RT: 4.33 min Scan# 386
Delta R.T. 0.03 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Instrument :
MSVOA_F
ClientSampleId :
SU-02-050919-B

Tgt Ion:113 Resp: 115369

Ion	Ratio	Lower	Upper
113	100		
111	107.8	79.4	119.0
192	21.4	16.0	24.0

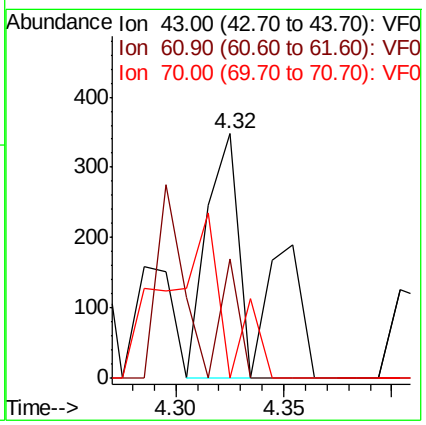


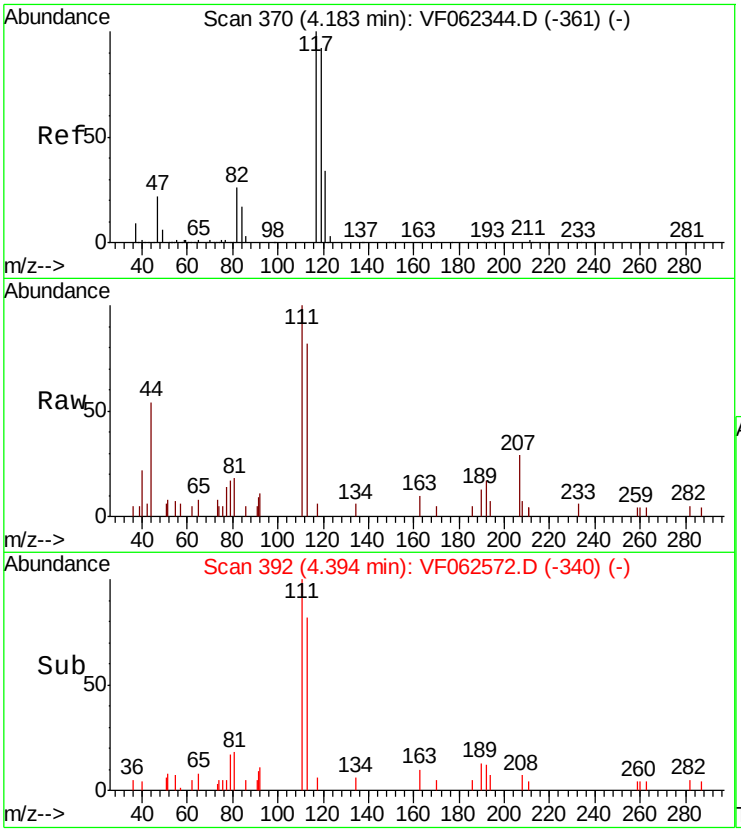


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion: 43 Resp: 562

Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	76.3	8.2	12.2#



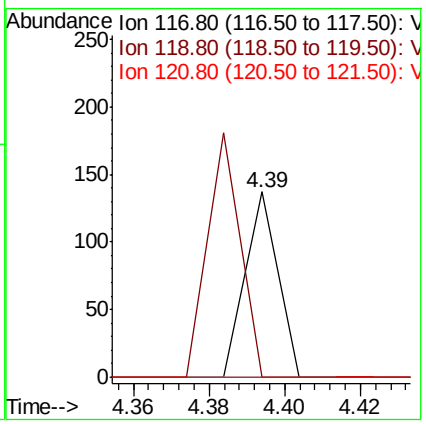


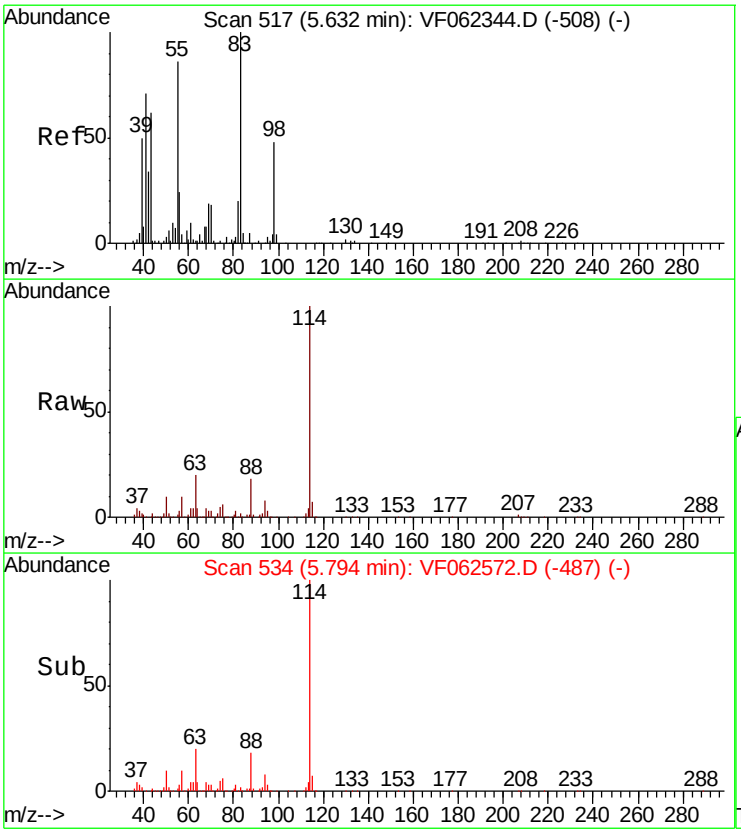
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.39 min Scan# 392
Delta R.T. 0.21 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Instrument : MSVOA_F
ClientSampleId : SU-02-050919-B

Tgt Ion:117 Resp: 81

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

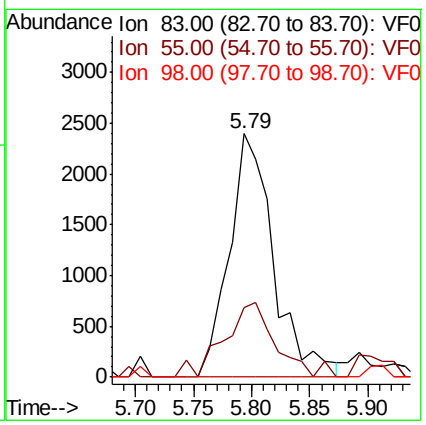


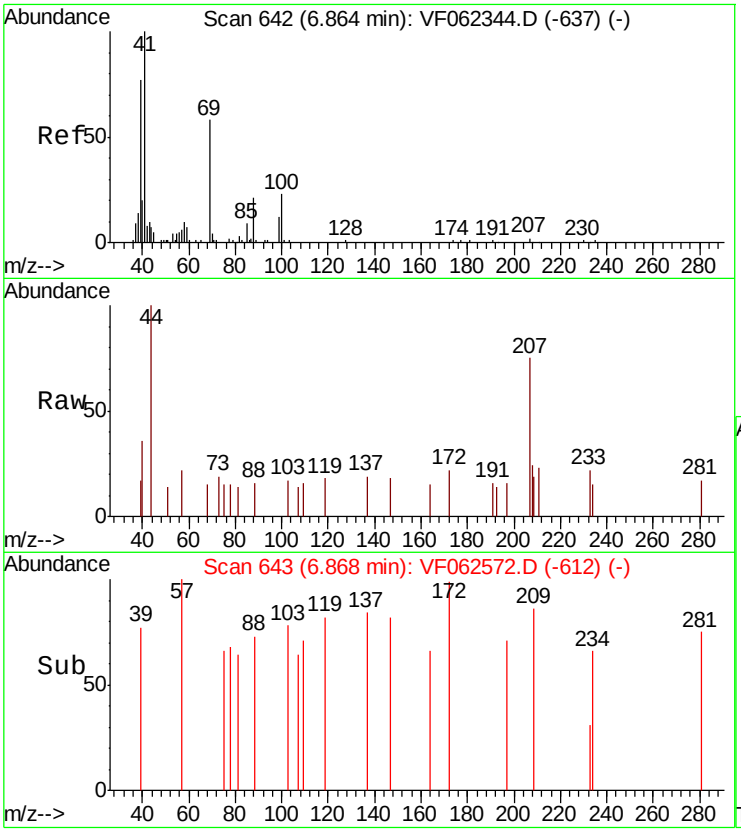


#39
Methylcyclohexane
Concen: 2.047 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.16 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion: 83 Resp: 6330

Ion	Ratio	Lower	Upper
83	100		
55	28.6	69.0	103.6#
98	0.0	38.6	58.0#



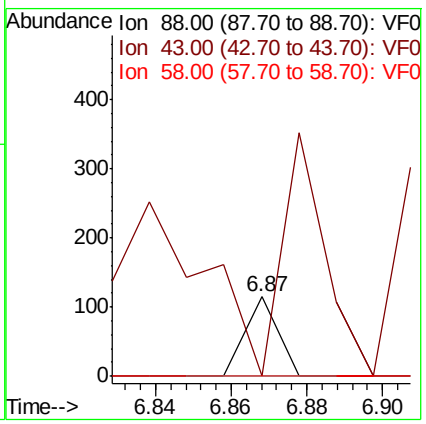


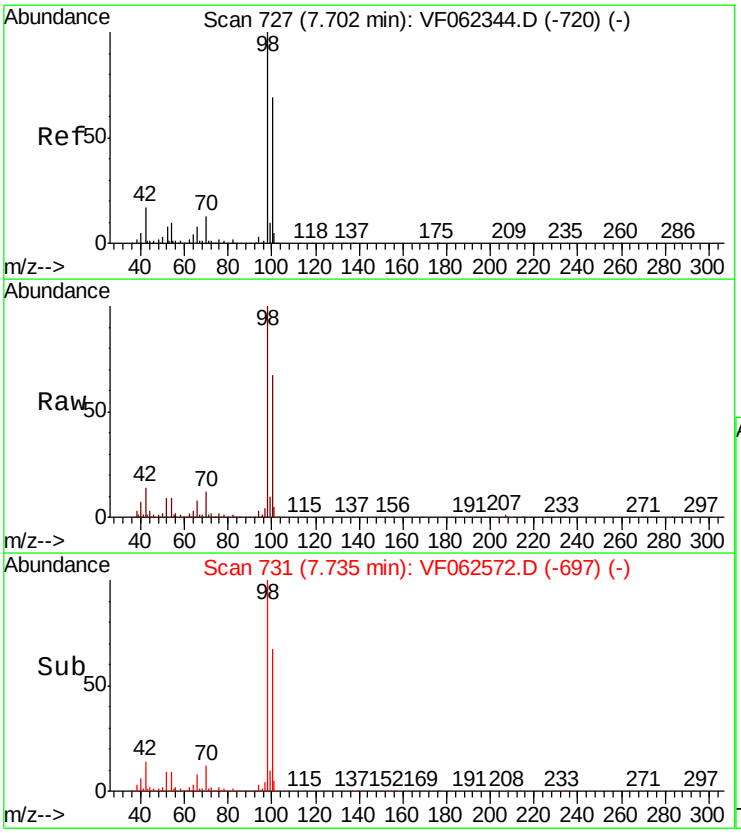
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.87 min Scan# 643
Delta R.T. 0.00 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Instrument :
MSVOA_F
ClientSampleId :
SU-02-050919-B

Tgt Ion: 88 Resp: 68

Ion	Ratio	Lower	Upper
88	100		
43	400.0	55.6	83.4#
58	0.0	52.8	79.2#

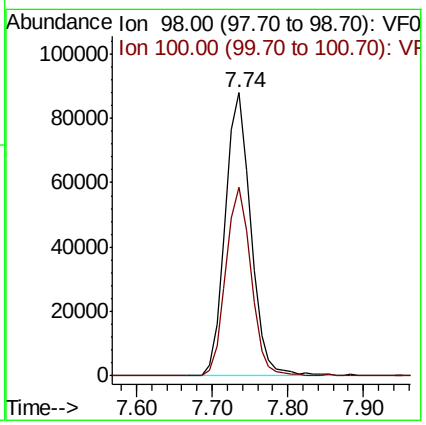


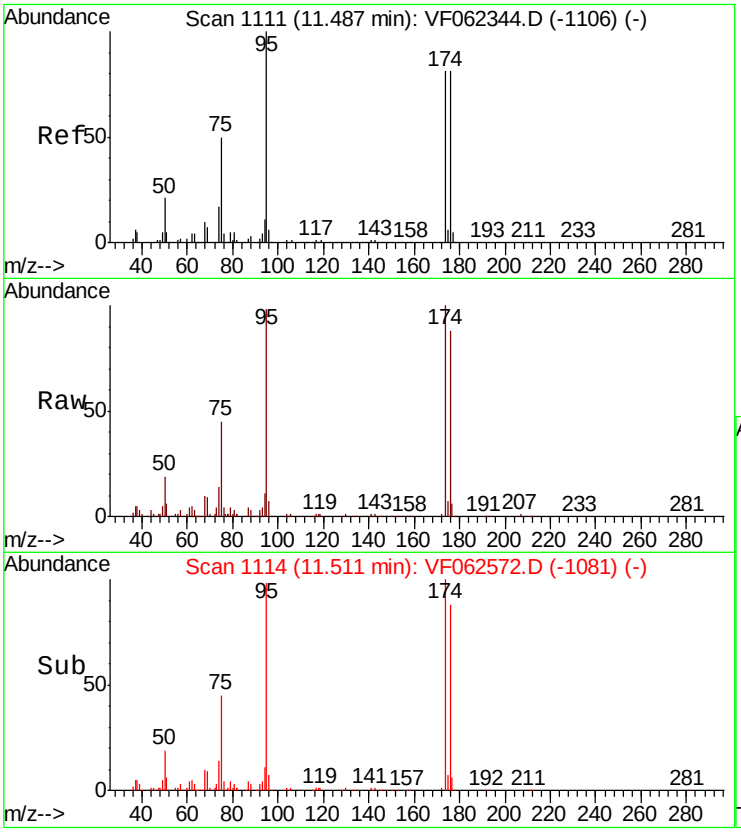


#50
Toluene-d8
Concen: 29.709 ug/l
RT: 7.74 min Scan# 731
Delta R.T. 0.03 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion: 98 Resp: 205697

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.3	79.9



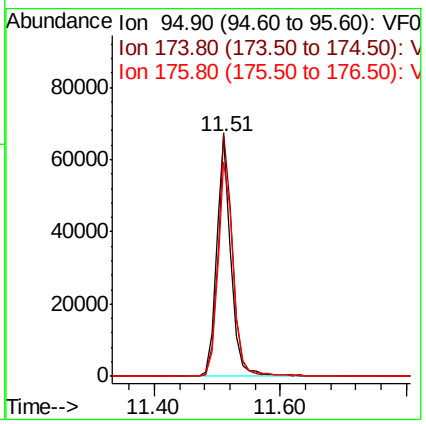


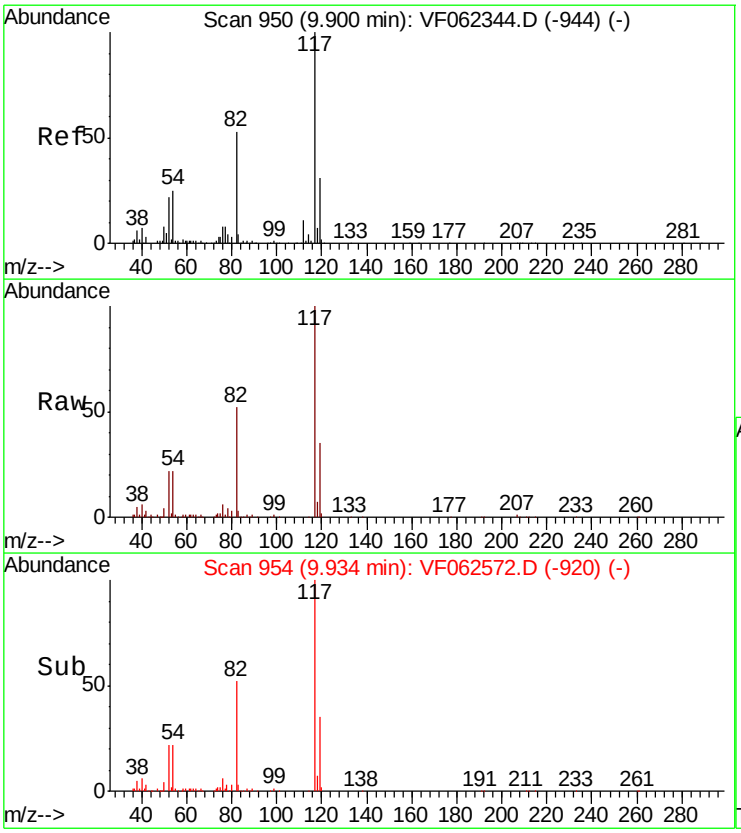
#62
4-Bromofluorobenzene
Concen: 34.285 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Instrument :
MSVOA_F
ClientSampleId :
SU-02-050919-B

Tgt Ion: 95 Resp: 107095

Ion	Ratio	Lower	Upper
95	100		
174	102.1	0.0	191.8
176	94.9	0.0	193.2

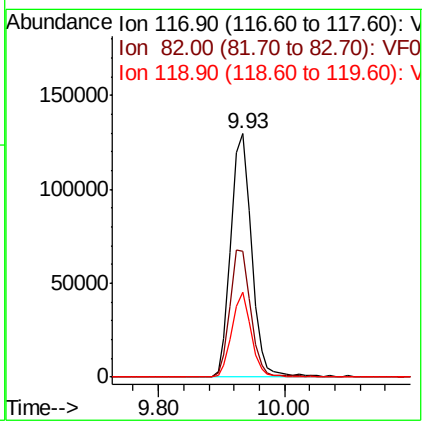


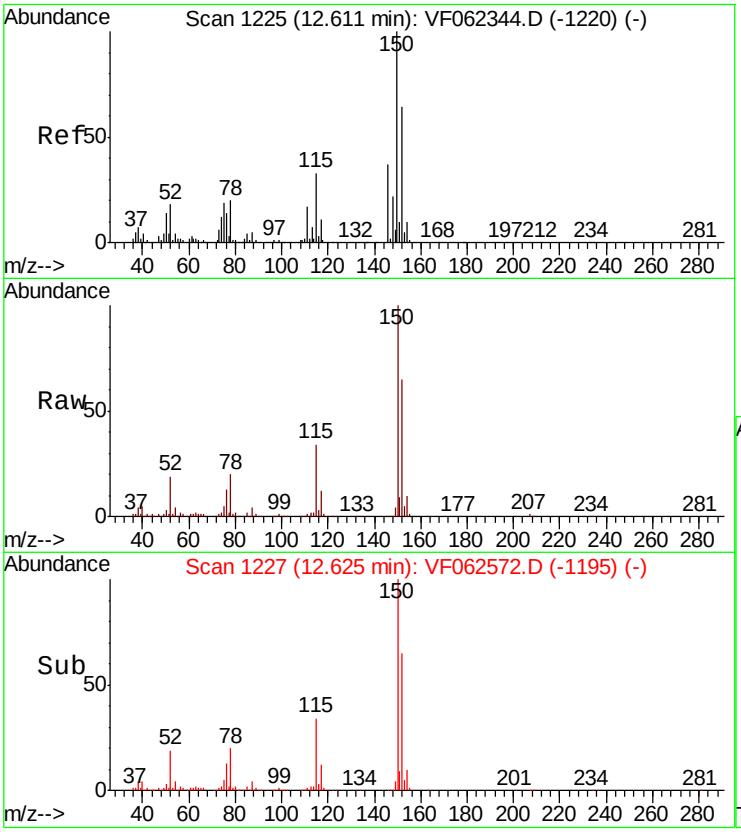


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.03 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Tgt Ion:117 Resp: 295111

Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.2	63.2
119	34.8	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062572.D
Acq: 14 May 2019 6:50

Instrument :
MSVOA_F
ClientSampleId :
SU-02-050919-B

Tgt Ion:152 Resp: 164201

Ion	Ratio	Lower	Upper
152	100		
115	54.8	26.4	79.2
150	158.1	0.0	335.0