Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062569.D
Acq On : 14 May 2019 5:27
Operator : FY/SY
Sample : K2756-17
Misc : 6.45g/5mL/MSVOA_F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS008-0206-01

Quant Time: May 14 07:08:05 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	308415	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.80	114	409369	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	312259	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	155077	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	110398	37.88	ug/l	0.03
Spiked Amount 50.000			Recovery = 75.76%			
35) Dibromofluoromethane	4.34	113	136088	41.73	ug/l	0.03
Spiked Amount 50.000			Recovery = 83.46%			
50) Toluene-d8	7.74	98	264731	33.53	ug/l	0.03
Spiked Amount 50.000			Recovery = 67.06%			
62) 4-Bromofluorobenzene	11.51	95	107699	30.24	ug/l	0.02
Spiked Amount 50.000			Recovery = 60.48%			
Target Compounds						Qvalue
5) Bromomethane	1.40	94	709	Below Cal	#	37
11) Tert butyl alcohol	2.69	59	1082	6.568	ug/l #	70
13) Acrolein	2.11	56	695	Below Cal	#	1
15) Acrylonitrile	3.09	53	798	2.557	ug/l #	6
16) Acetone	2.35	43	11198	18.992	ug/l	98
18) Methyl Acetate	2.47	43	1066	Below Cal	#	66
25) 2-Butanone	4.53	43	839	1.133	ug/l #	60
29) Tetrahydrofuran	4.31	42	656	1.927	ug/l #	70
37) Ethyl Acetate	4.35	43	598	Below Cal	#	73
38) Carbon Tetrachloride	4.40	117	218	Below Cal	#	14
39) Methylcyclohexane	5.80	83	6531	1.852	ug/l #	41
49) 1,4-Dioxane	7.00	88	62	Below Cal	#	1

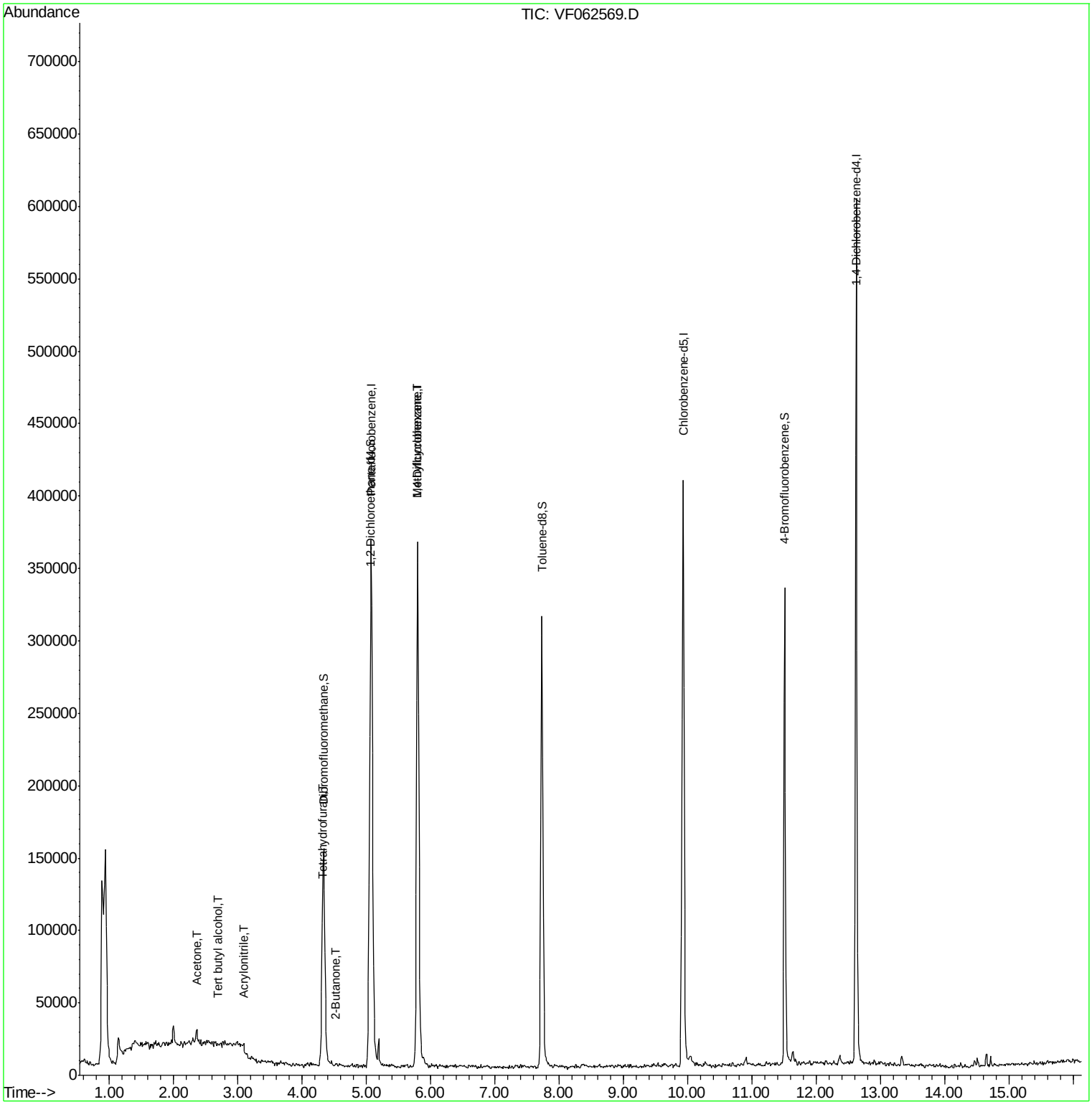
(#) = qualifier out of range (m) = manual integration (+) = signals summed

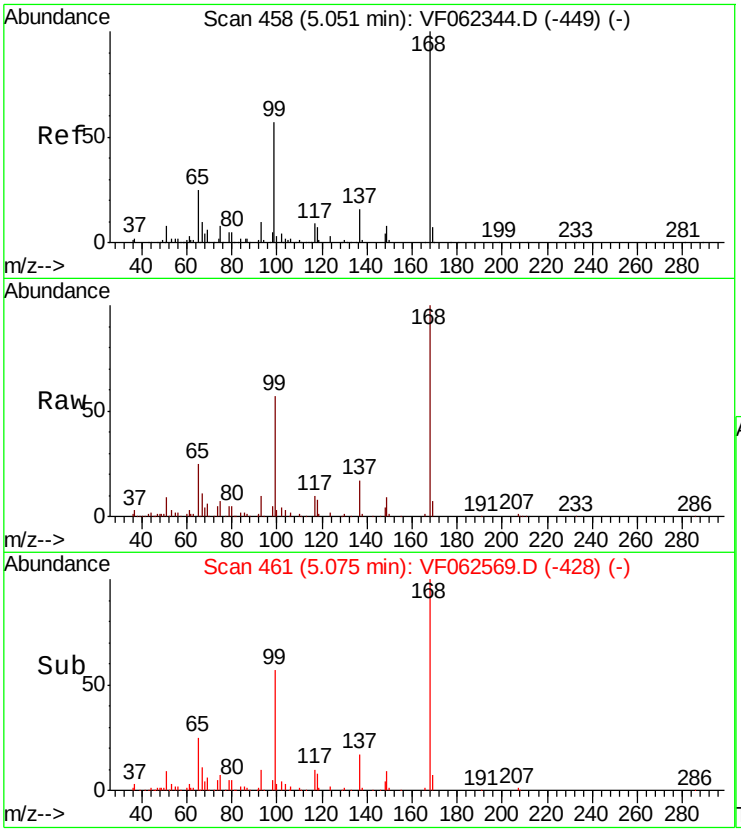
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062569.D
Acq On : 14 May 2019 5:27
Operator : FY/SY
Sample : K2756-17
Misc : 6.45g/5mL/MSVOA_F/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0206-01

Quant Time: May 14 07:08:05 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



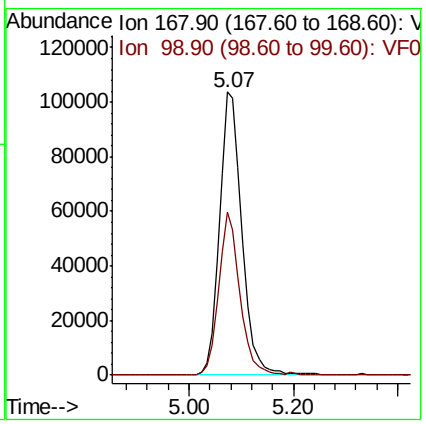


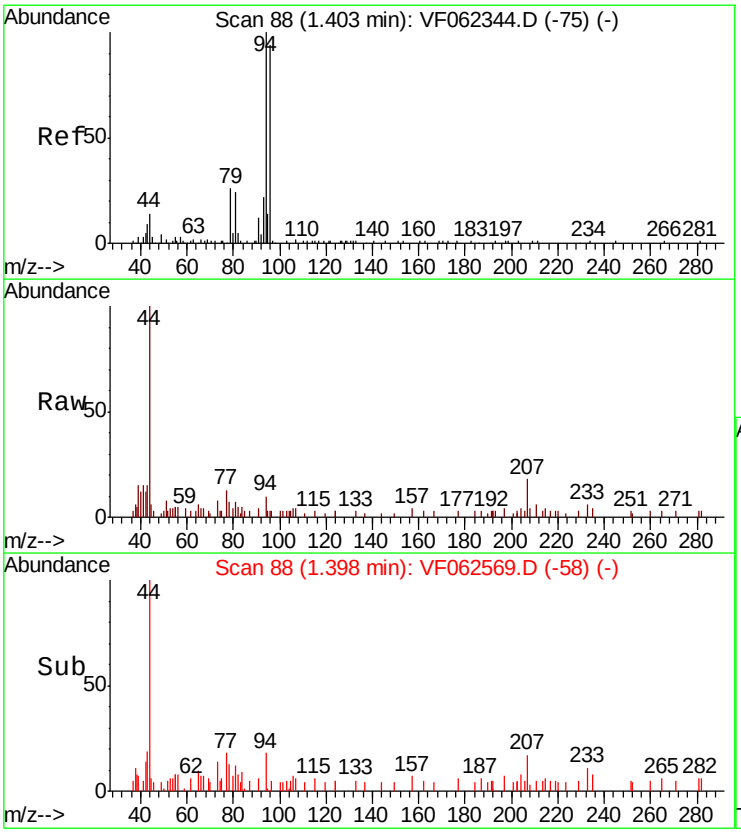
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 461
Delta R.T. 0.02 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0206-01

Tgt Ion:168 Resp: 308415

Ion	Ratio	Lower	Upper
168	100		
99	57.5	45.9	68.9

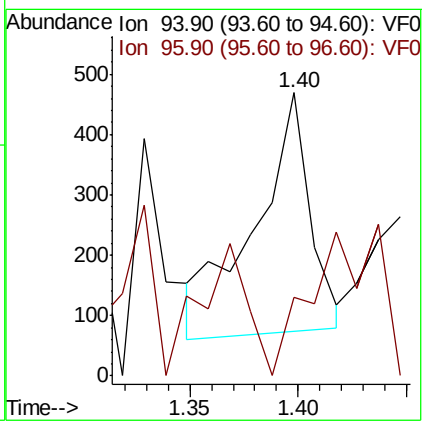


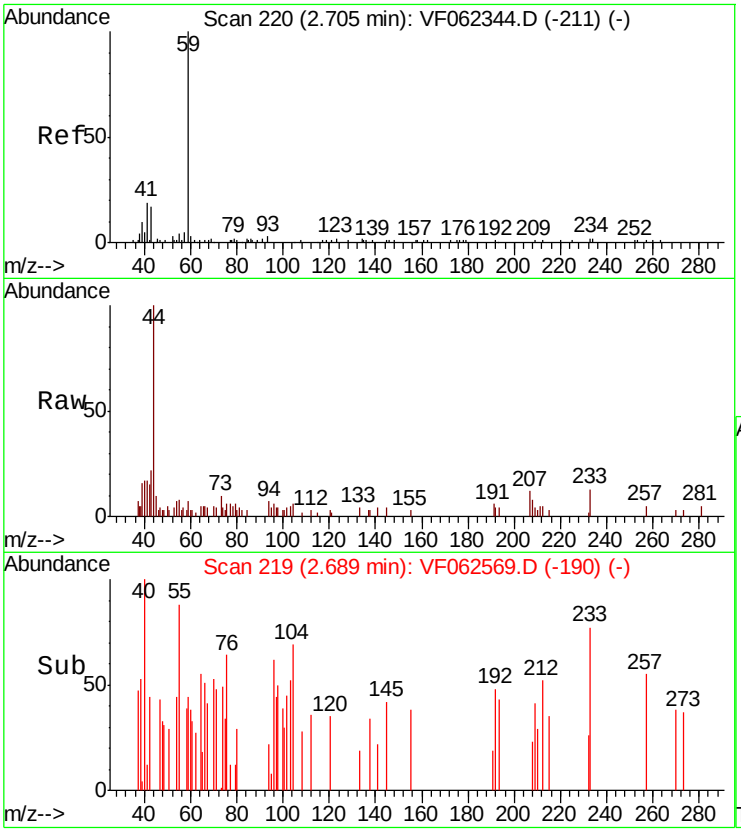


#5
Bromomethane
Concen: Below Cal
RT: 1.40 min Scan# 88
Delta R.T. -0.01 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Tgt Ion: 94 Resp: 709

Ion	Ratio	Lower	Upper
94	100		
96	33.6	75.4	113.2#



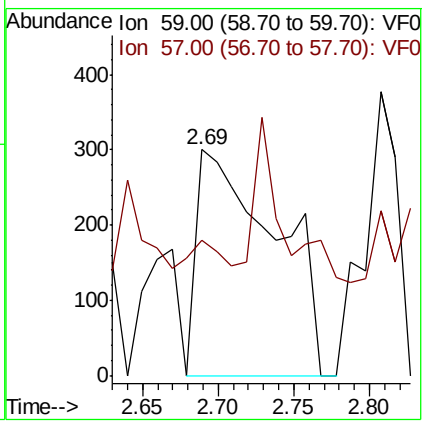


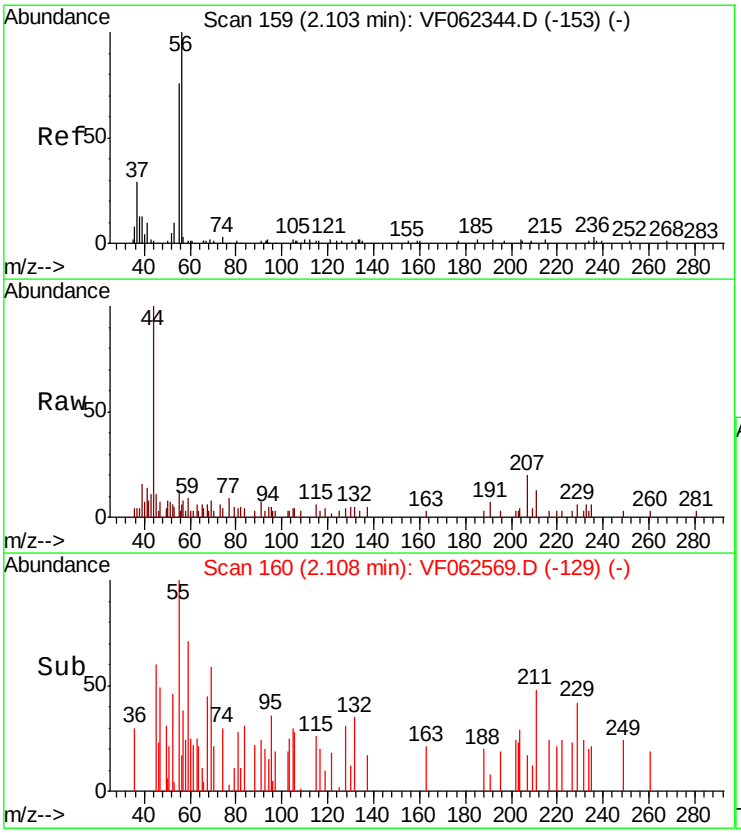
#11
Tert butyl alcohol
Concen: 6.568 ug/l
RT: 2.69 min Scan# 219
Delta R.T. -0.02 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0206-01

Tgt Ion: 59 Resp: 1082

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#

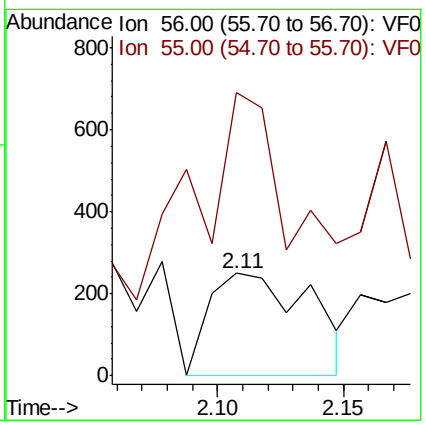


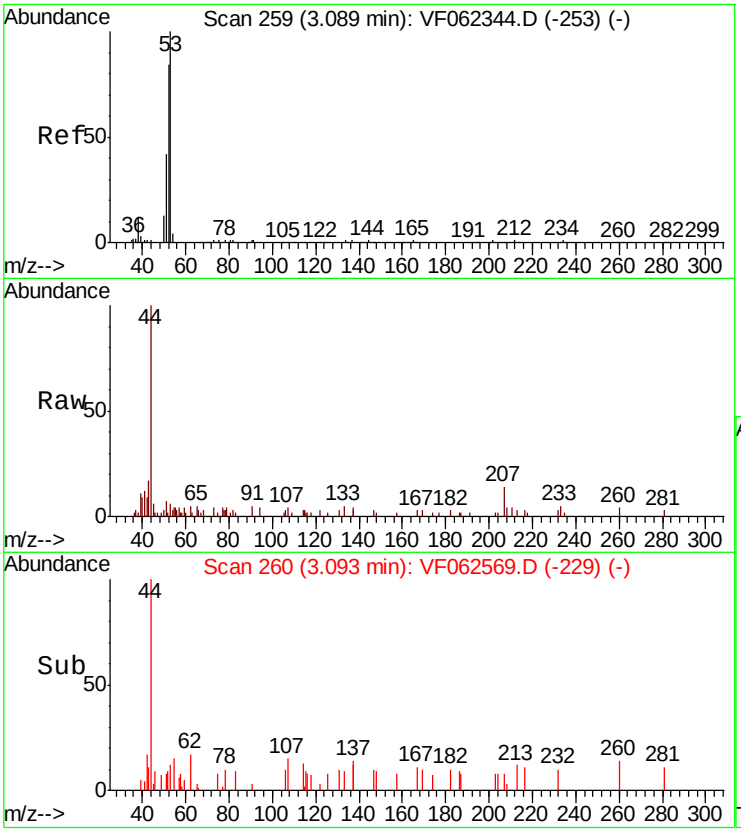


#13
Acrolein
Concen: Below Cal
RT: 2.11 min Scan# 160
Delta R.T. 0.00 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Tgt Ion: 56 Resp: 695

Ion	Ratio	Lower	Upper
56	100		
55	180.0	58.4	87.6#



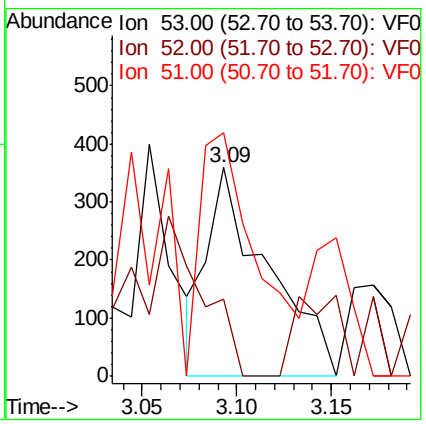


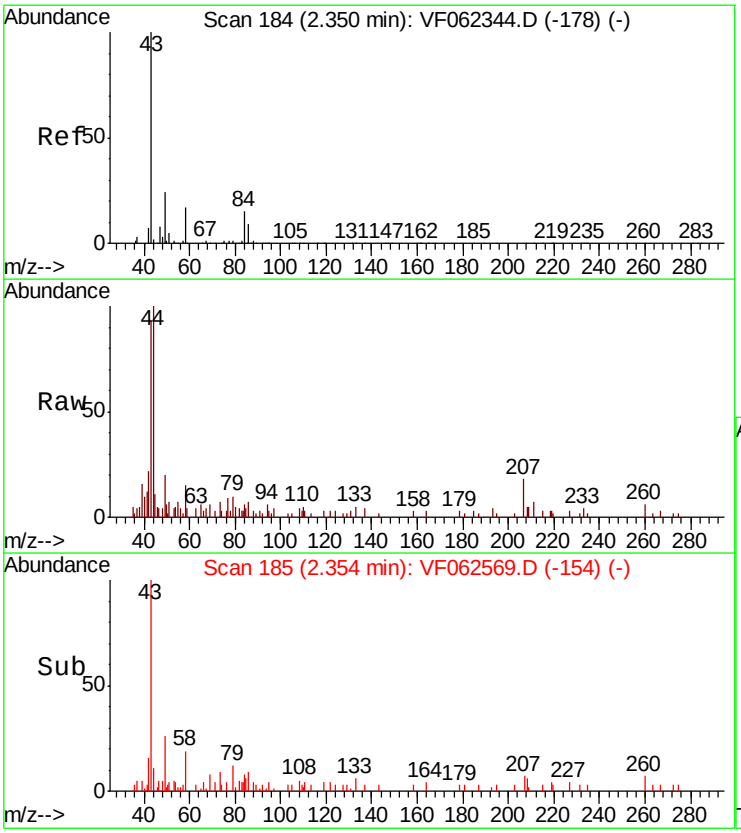
#15
Acrylonitrile
Concen: 2.557 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.00 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0206-01

Tgt Ion: 53 Resp: 798

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.2	115.8#
51	110.5	40.6	61.0#

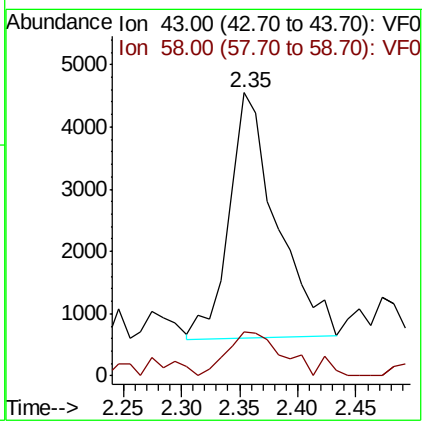


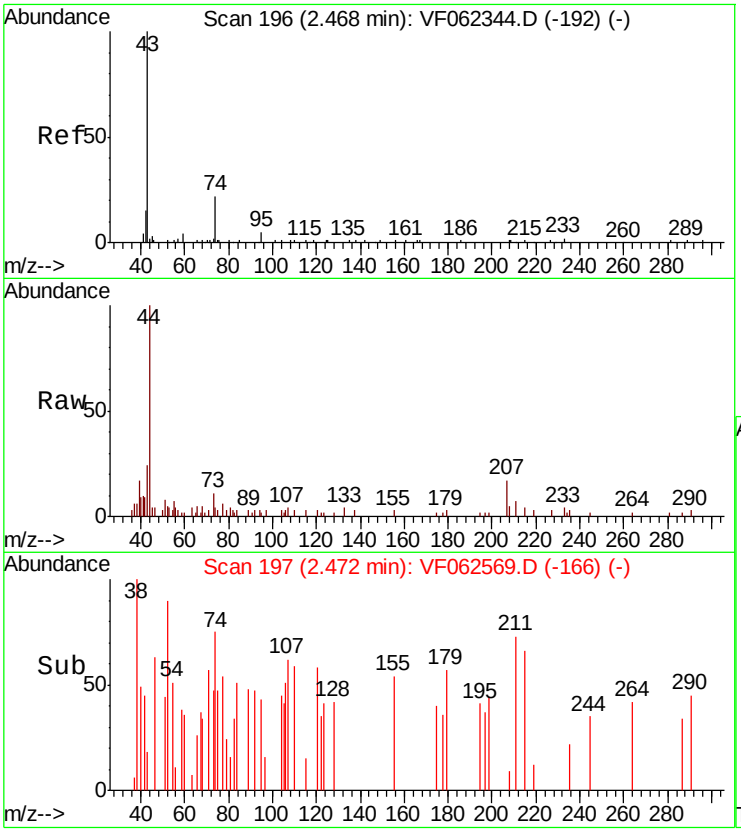


#16
Acetone
Concen: 18.992 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.00 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Tgt Ion: 43 Resp: 11198

Ion	Ratio	Lower	Upper
43	100		
58	15.5	13.1	19.7



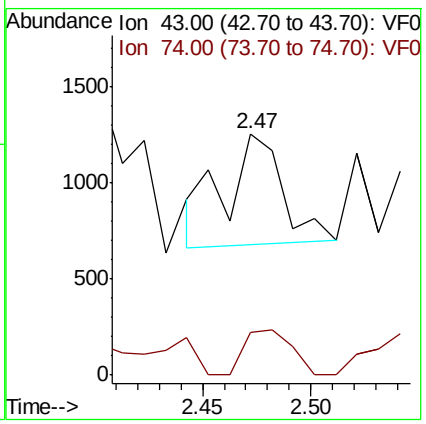


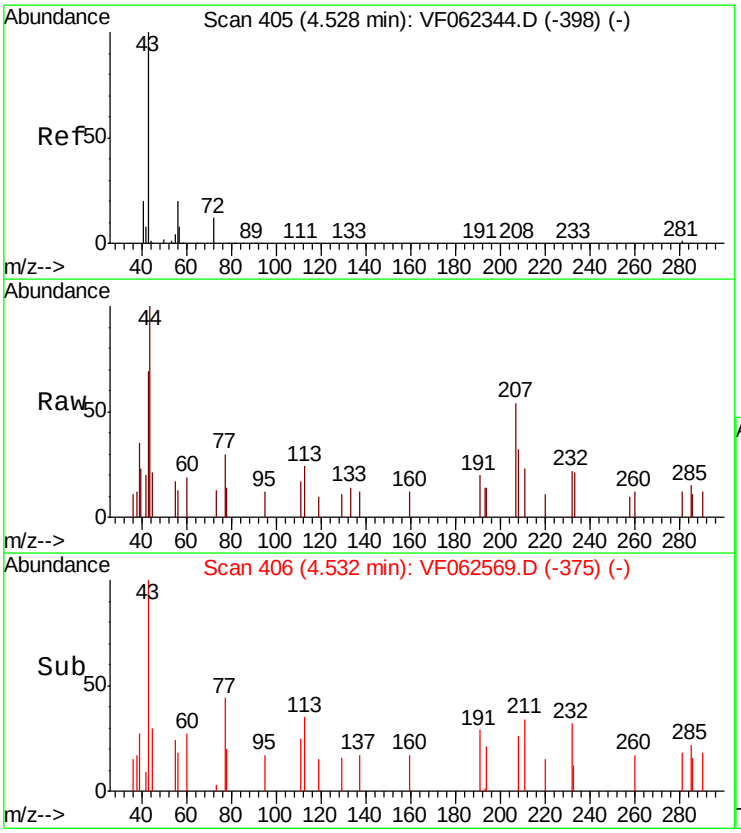
#18
Methyl Acetate
Concen: Below Cal
RT: 2.47 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Instrument : MSVOA_F
ClientSampleId : P021-SS008-0206-01

Tgt Ion: 43 Resp: 1066

Ion	Ratio	Lower	Upper
43	100		
74	33.8	15.0	22.4#

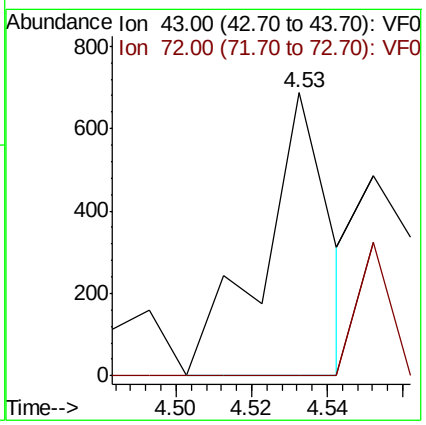


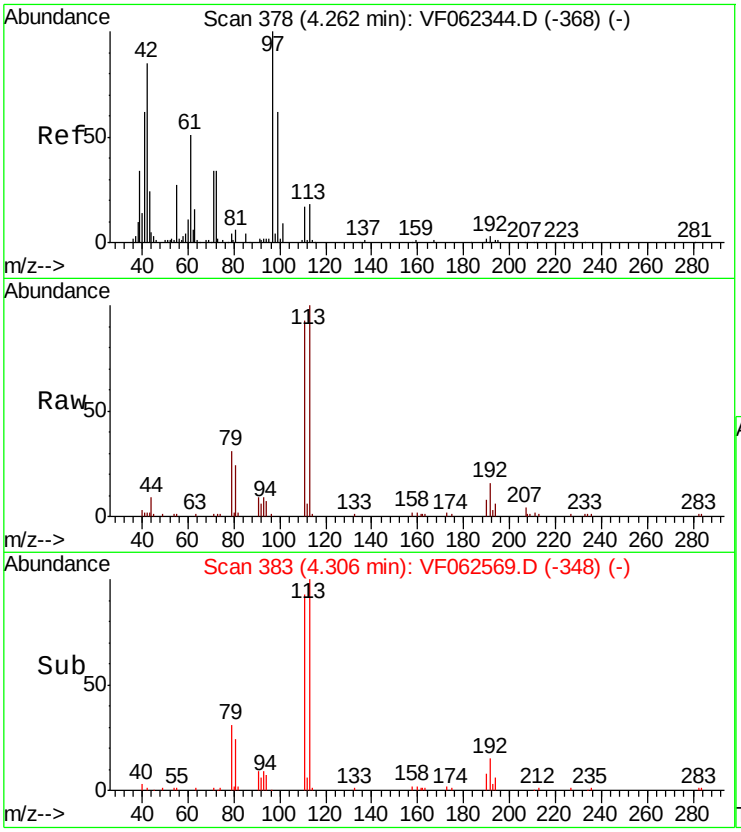


#25
2-Butanone
Concen: 1.133 ug/l
RT: 4.53 min Scan# 406
Delta R.T. 0.00 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Tgt Ion: 43 Resp: 839

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



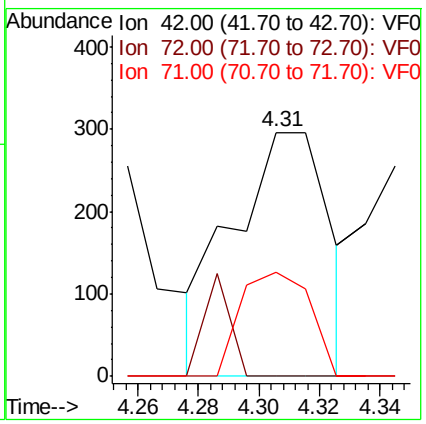


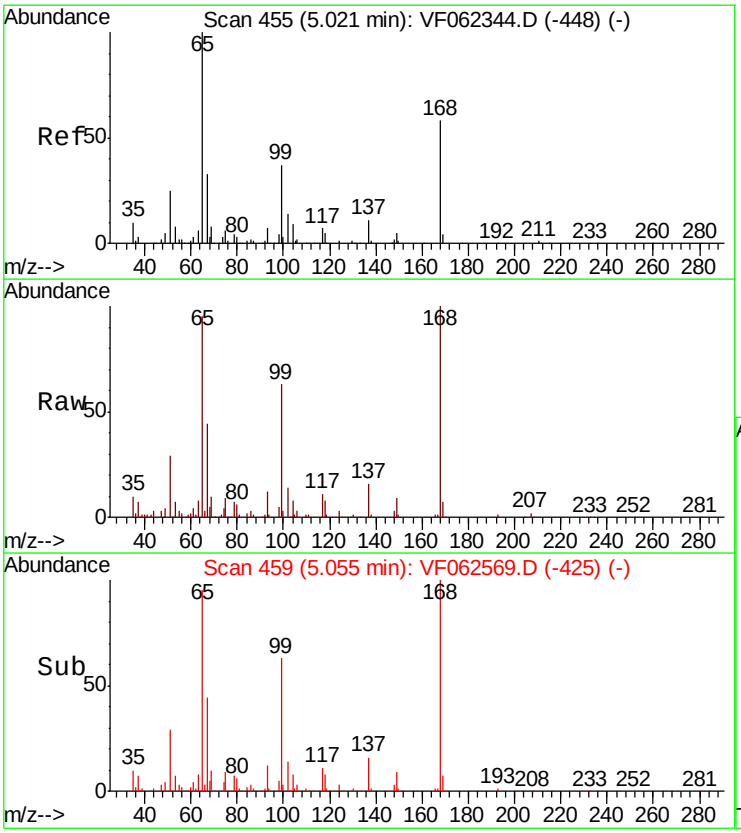
#29
Tetrahydrofuran
Concen: 1.927 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.04 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0206-01

Tgt Ion: 42 Resp: 656

Ion	Ratio	Lower	Upper
42	100		
72	11.3	31.4	47.0#
71	30.9	31.7	47.5#

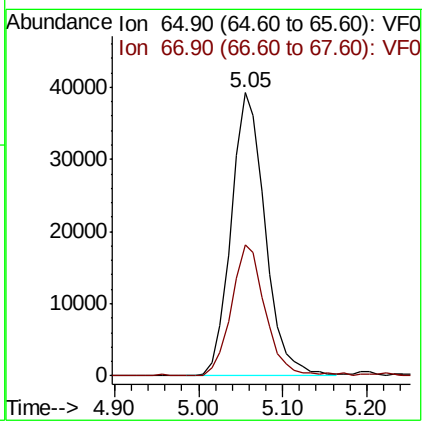


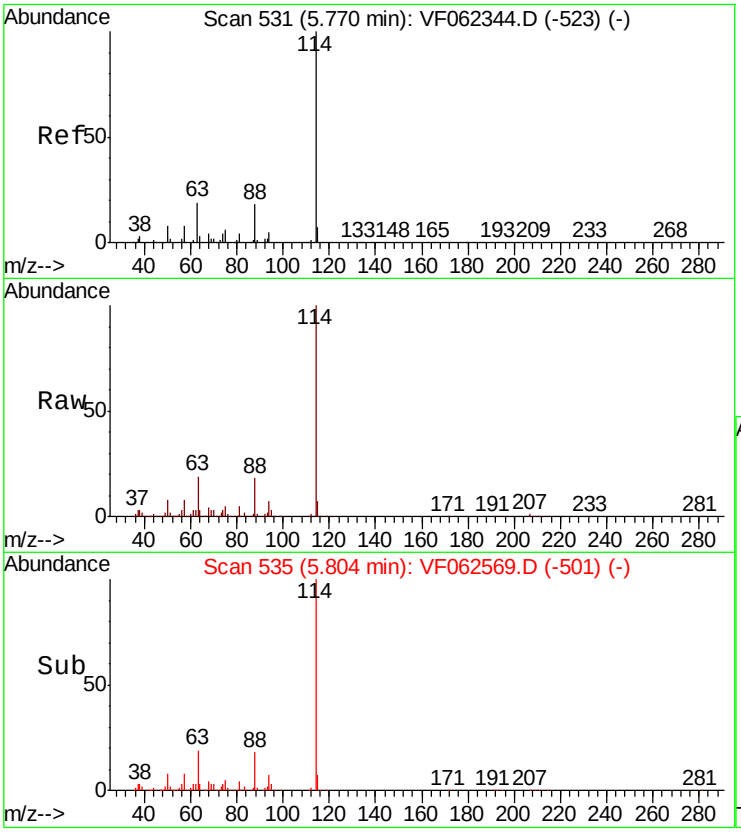


#33
1,2-Dichloroethane-d4
Concen: 37.877 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.03 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Tgt Ion: 65 Resp: 110398

Ion	Ratio	Lower	Upper
65	100		
67	45.6	0.0	85.8



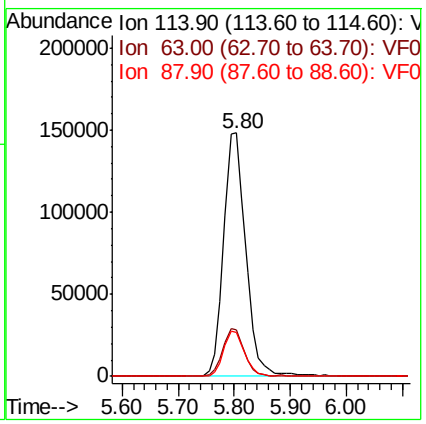


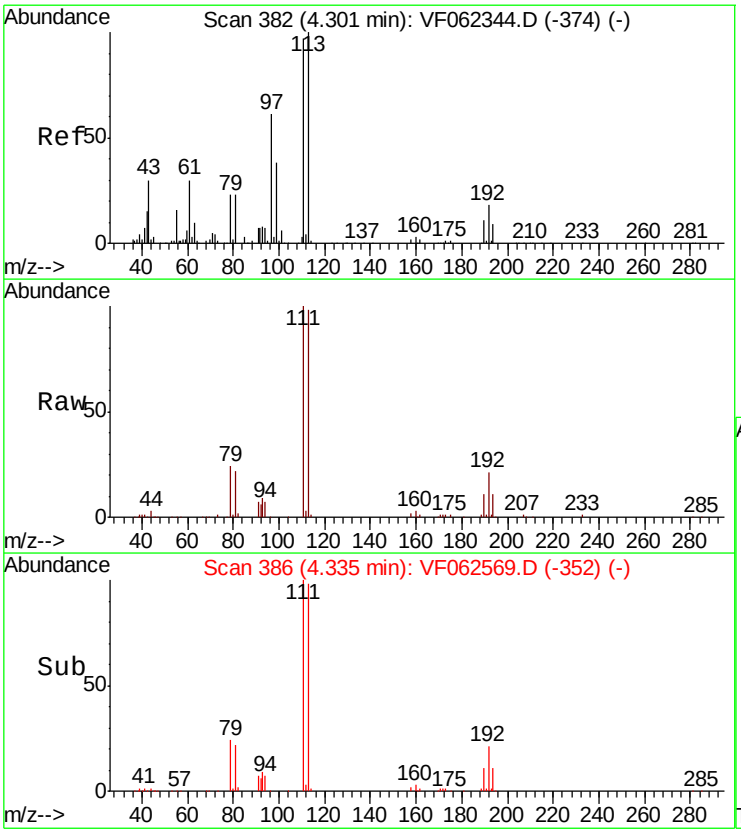
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 535
Delta R.T. 0.03 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0206-01

Tgt Ion:114 Resp: 409369

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.4
88	17.8	0.0	36.4

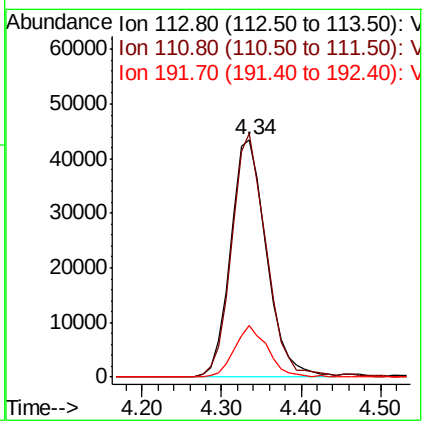


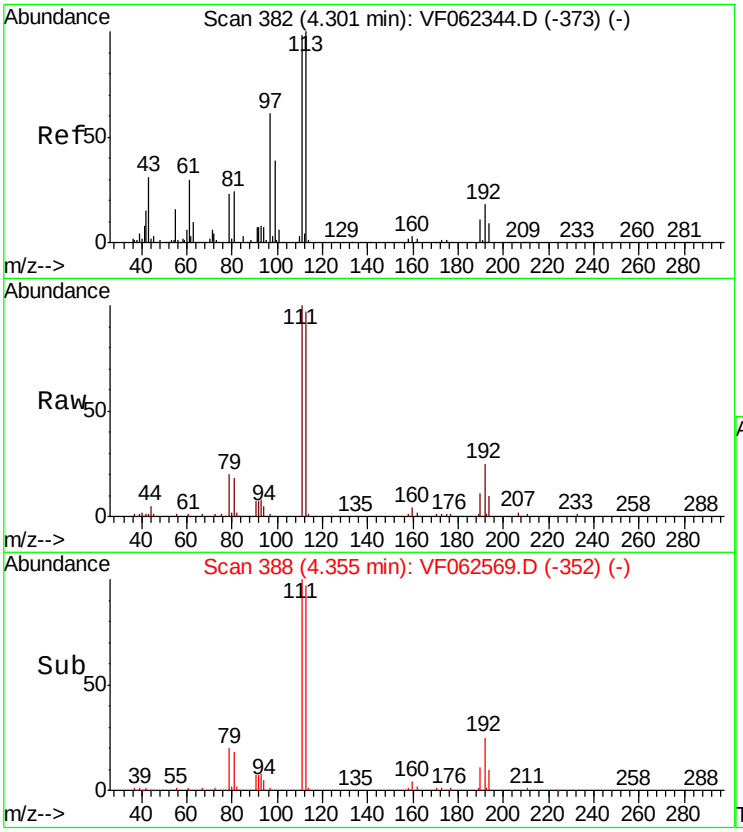


#35
Dibromofluoromethane
Concen: 41.727 ug/l
RT: 4.34 min Scan# 386
Delta R.T. 0.03 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Tgt Ion:113 Resp: 136088

Ion	Ratio	Lower	Upper
113	100		
111	98.3	79.4	119.0
192	20.6	16.0	24.0



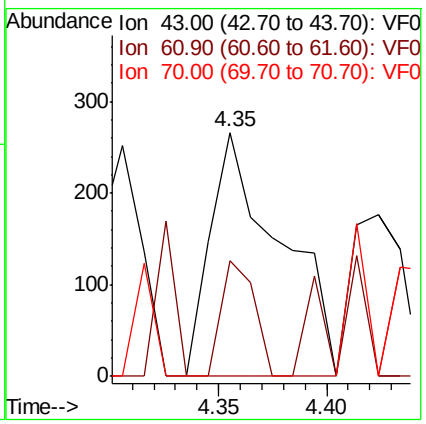


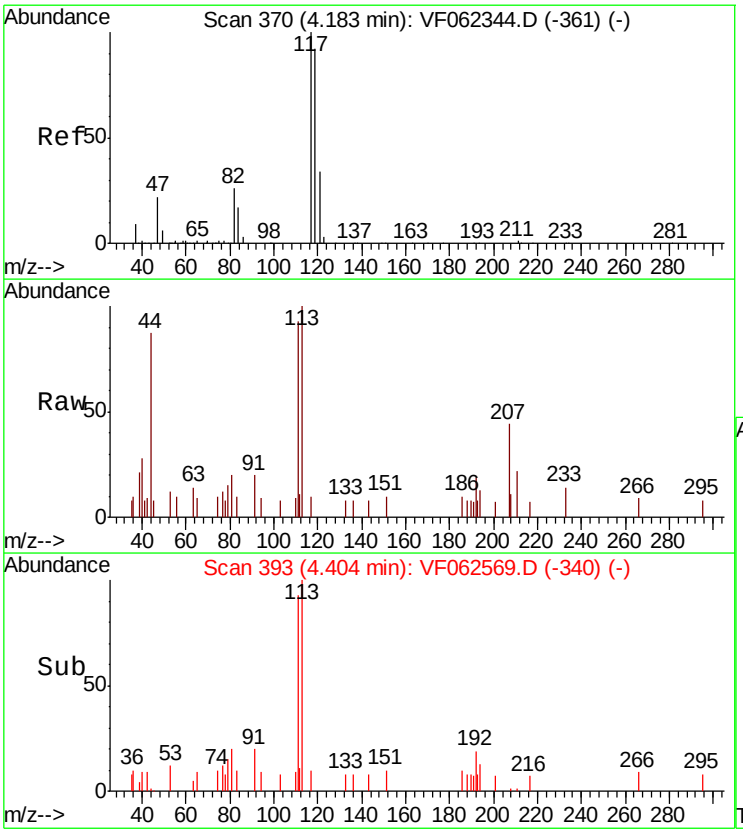
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.35 min Scan# 388
Delta R.T. 0.05 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0206-01

Tgt Ion: 43 Resp: 598

Ion	Ratio	Lower	Upper
43	100		
61	22.6	0.0	0.0#
70	0.0	8.2	12.2#

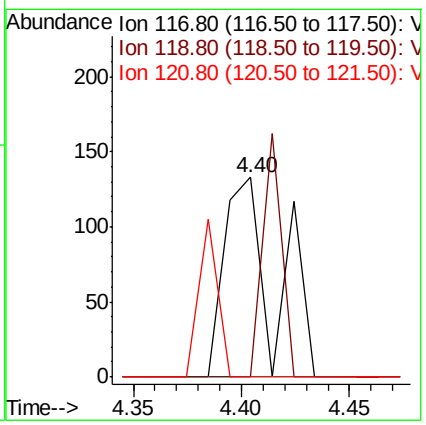


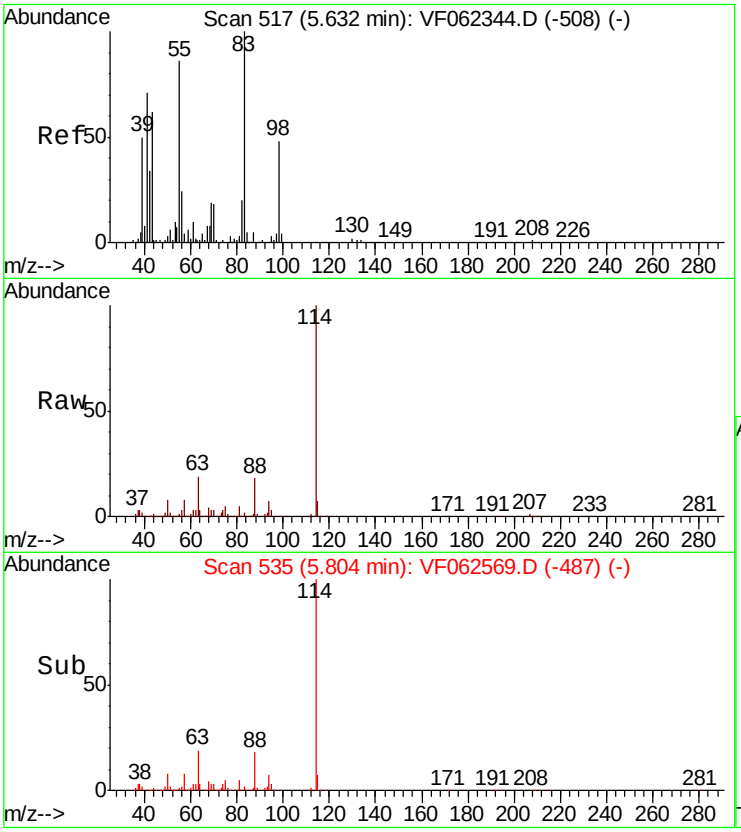


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.40 min Scan# 393
Delta R.T. 0.22 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Tgt Ion:117 Resp: 218

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



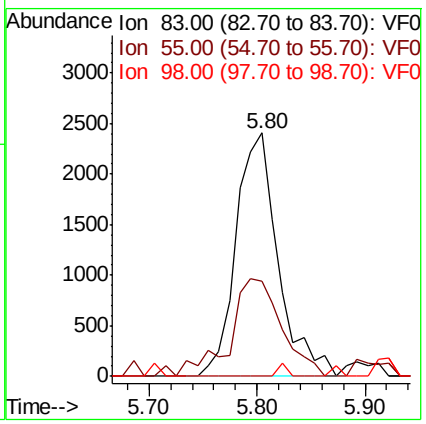


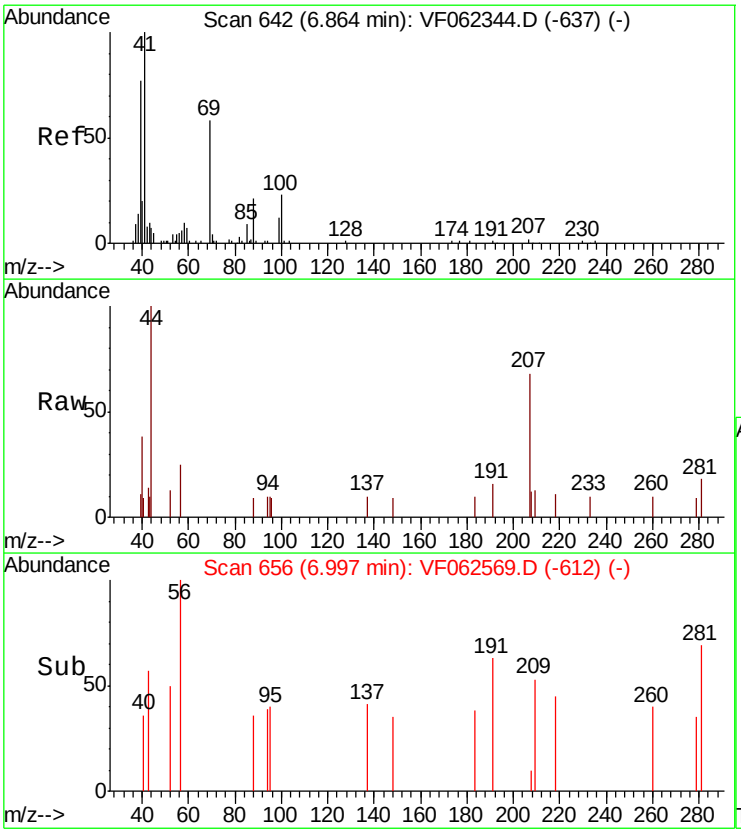
#39
Methylcyclohexane
Concen: 1.852 ug/l
RT: 5.80 min Scan# 535
Delta R.T. 0.17 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0206-01

Tgt Ion: 83 Resp: 6531

Ion	Ratio	Lower	Upper
83	100		
55	39.0	69.0	103.6#
98	0.0	38.6	58.0#

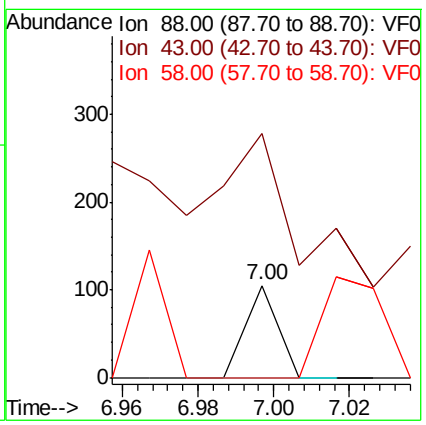


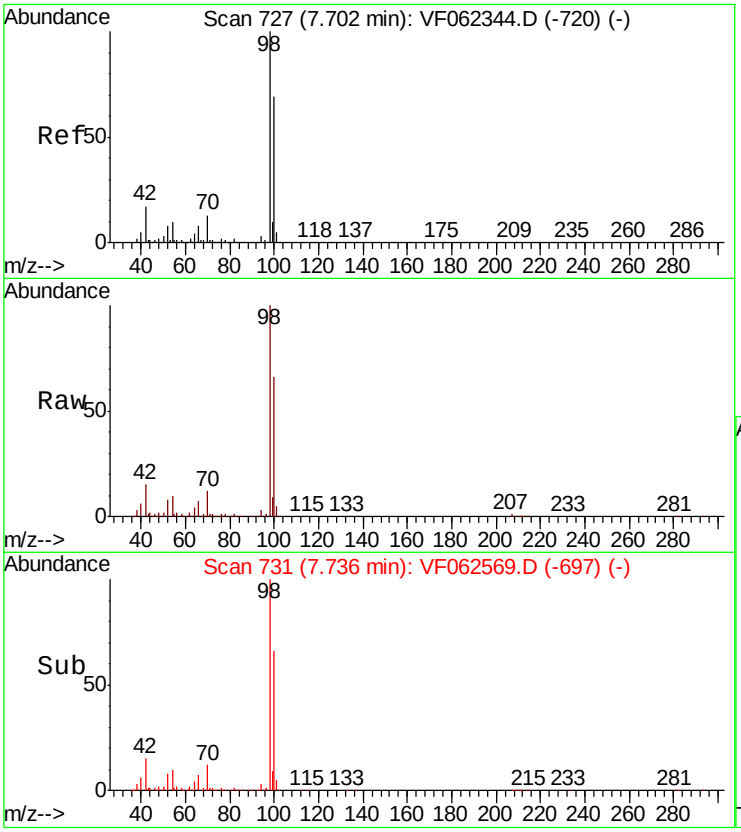


#49
1,4-Dioxane
Concen: Below Cal
RT: 7.00 min Scan# 656
Delta R.T. 0.13 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Tgt Ion: 88 Resp: 62

Ion	Ratio	Lower	Upper
88	100		
43	0.0	55.6	83.4#
58	206.5	52.8	79.2#



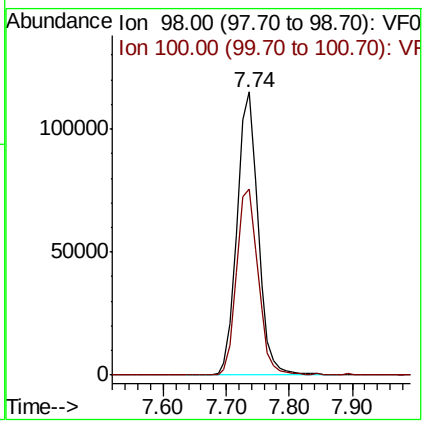


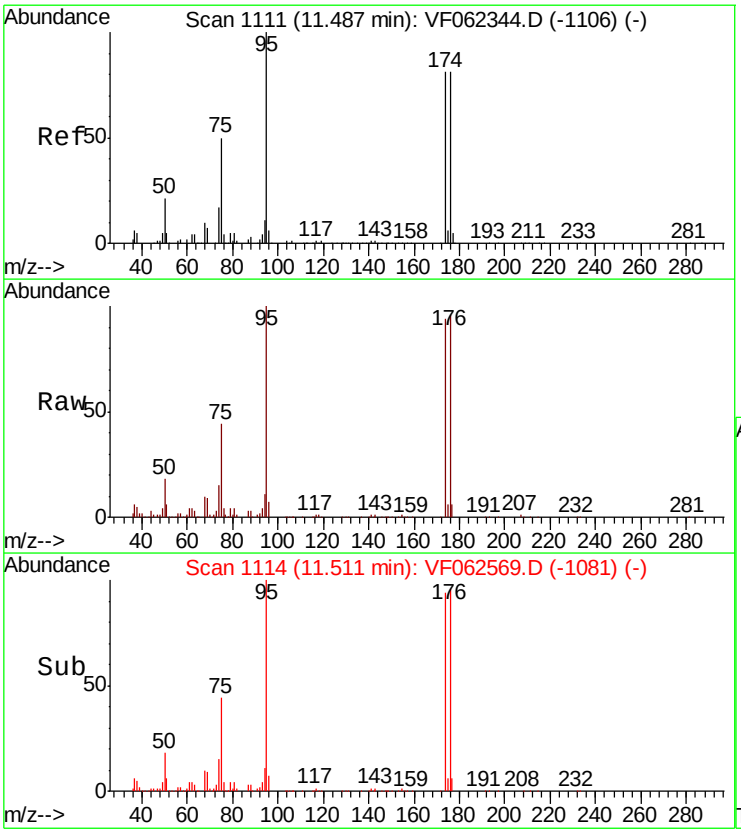
#50
Toluene-d8
Concen: 33.533 ug/l
RT: 7.74 min Scan# 731
Delta R.T. 0.03 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Instrument :
MSVOA_F
ClientSampleId :
P021-SS008-0206-01

Tgt Ion: 98 Resp: 264731

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.3	79.9

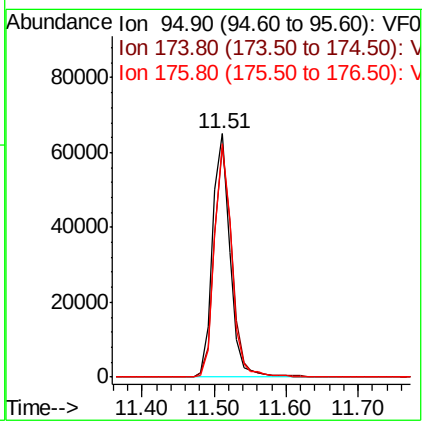


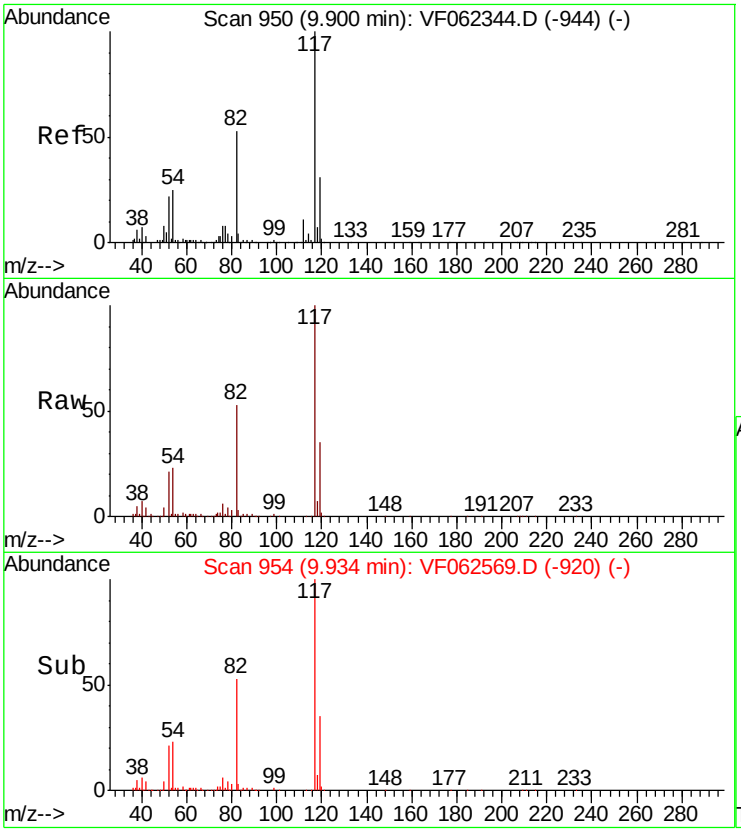


#62
4-Bromofluorobenzene
Concen: 30.237 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Tgt Ion: 95 Resp: 107699

Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	191.8
176	94.5	0.0	193.2



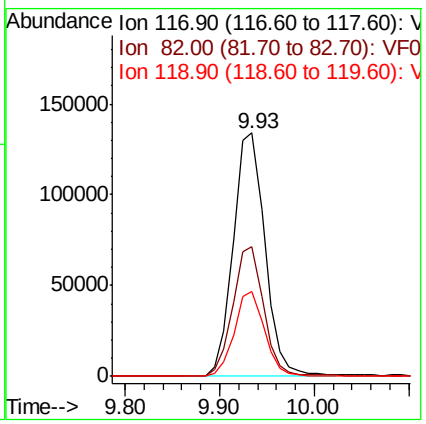


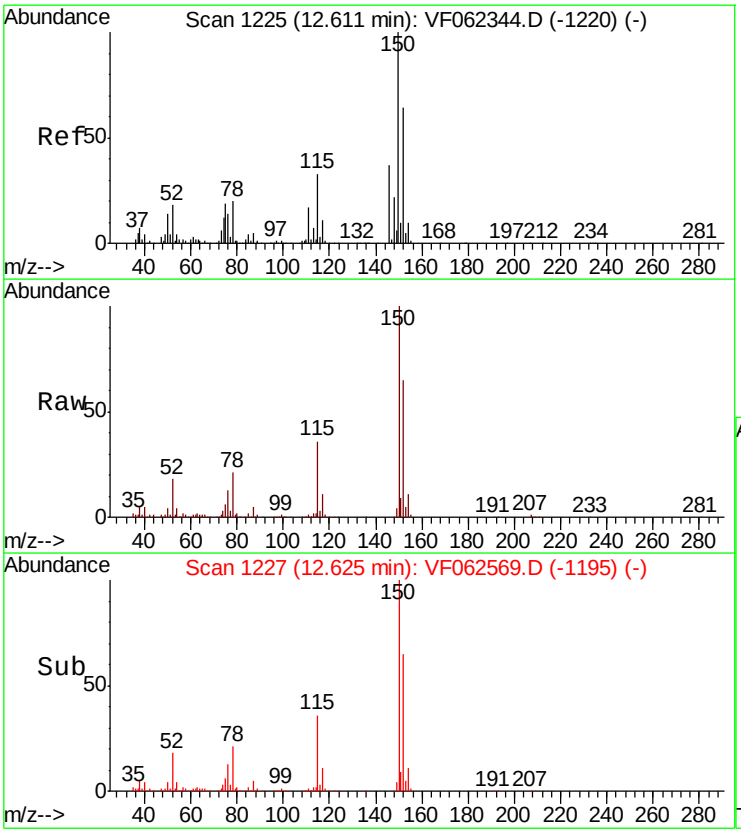
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.03 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Instrument : MSVOA_F
ClientSampleId : P021-SS008-0206-01

Tgt Ion:117 Resp: 312259

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.2
119	35.1	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062569.D
Acq: 14 May 2019 5:27

Tgt Ion:152 Resp: 155077

Ion	Ratio	Lower	Upper
152	100		
115	56.0	26.4	79.2
150	155.5	0.0	335.0