Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062567.D
Acq On : 14 May 2019 4:31
Operator : FY/SY
Sample : K2756-15
Misc : 5.53g/5mL/MSVOA_F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS007-1824-01

Quant Time: May 14 07:07:46 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	302667	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	419386	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	338958	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	191958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	118760	41.52	ug/l	0.04
Spiked Amount 50.000			Recovery = 83.04%			
35) Dibromofluoromethane	4.34	113	143089	42.83	ug/l	0.04
Spiked Amount 50.000			Recovery = 85.66%			
50) Toluene-d8	7.73	98	321414	39.74	ug/l	0.03
Spiked Amount 50.000			Recovery = 79.48%			
62) 4-Bromofluorobenzene	11.51	95	132035	36.18	ug/l	0.02
Spiked Amount 50.000			Recovery = 72.36%			
Target Compounds						Qvalue
5) Bromomethane	1.41	94	304	Below Cal		93
11) Tert butyl alcohol	2.72	59	422	2.610	ug/l #	1
13) Acrolein	2.09	56	711	Below Cal	#	13
15) Acrylonitrile	3.12	53	915	2.988	ug/l #	24
16) Acetone	2.36	43	17819	30.796	ug/l	99
18) Methyl Acetate	2.49	43	730	Below Cal	#	11
25) 2-Butanone	4.57	43	2356	3.241	ug/l #	43
29) Tetrahydrofuran	4.29	42	1715	5.133	ug/l #	54
37) Ethyl Acetate	4.36	43	830	Below Cal	#	98
38) Carbon Tetrachloride	4.23	117	140	Below Cal	#	76
39) Methylcyclohexane	5.80	83	6136	1.698	ug/l #	35
49) 1,4-Dioxane	6.90	88	93	Below Cal	#	1

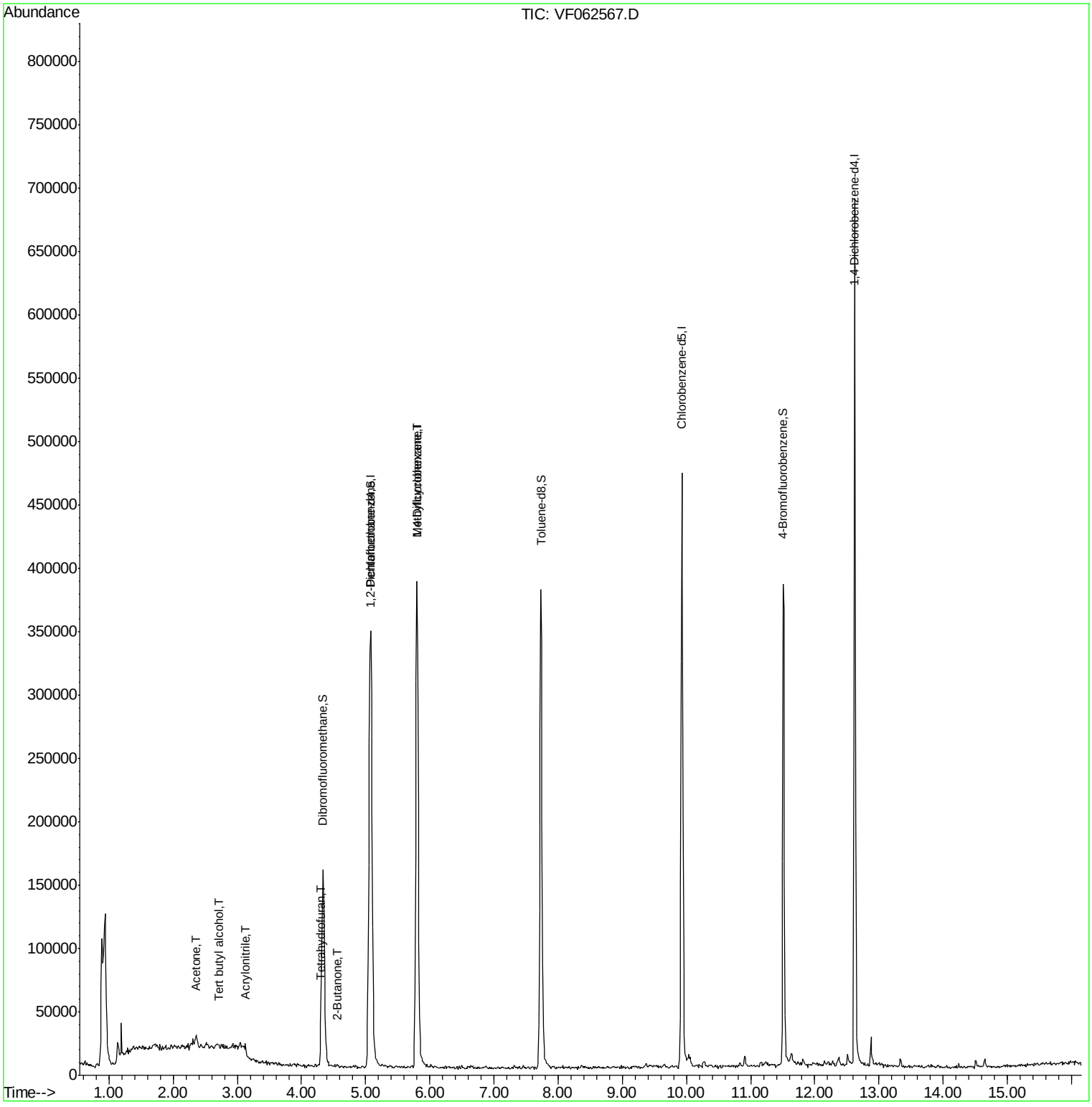
(#) = qualifier out of range (m) = manual integration (+) = signals summed

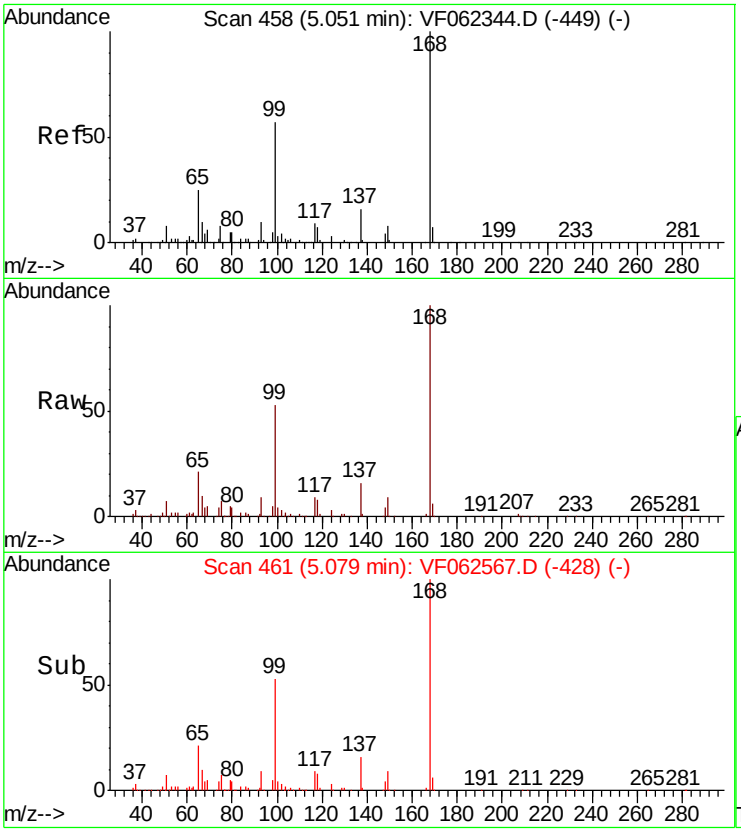
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062567.D
Acq On : 14 May 2019 4:31
Operator : FY/SY
Sample : K2756-15
Misc : 5.53g/5mL/MSVOA_F/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1824-01

Quant Time: May 14 07:07:46 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

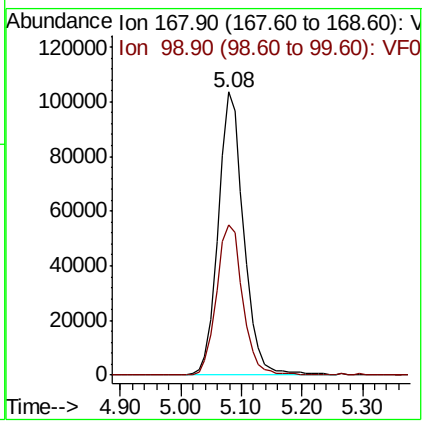




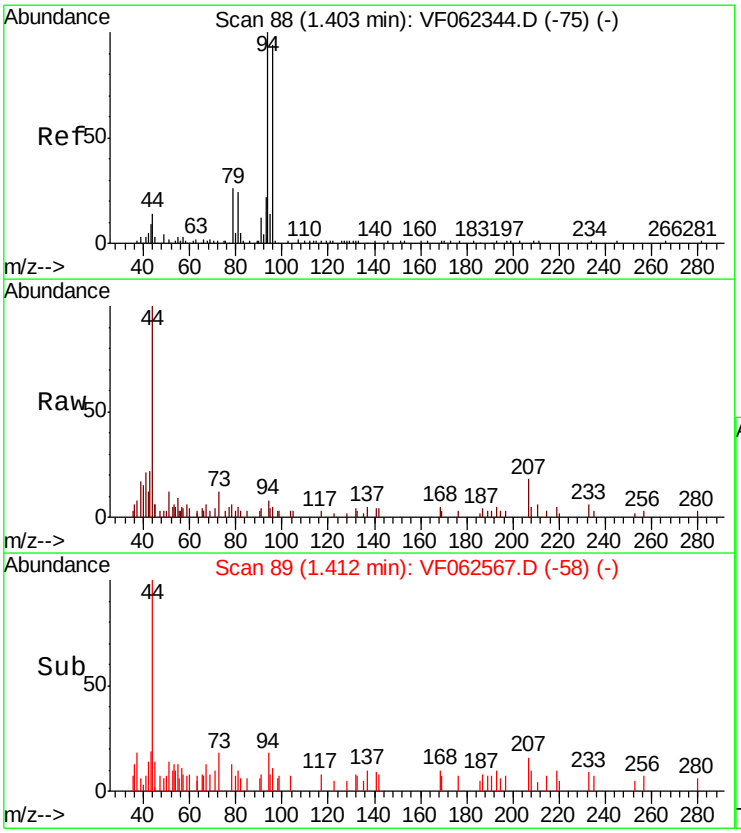
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. 0.03 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Tgt Ion:168 Resp: 302667

Ion	Ratio	Lower	Upper
168	100		
99	53.2	45.9	68.9



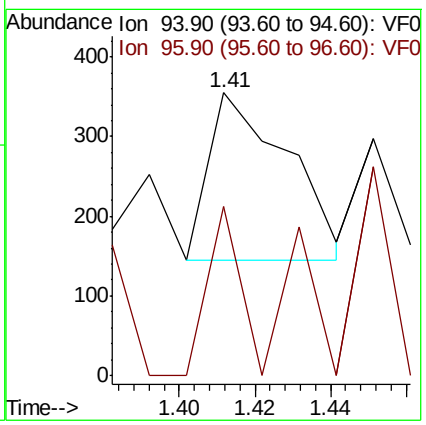
Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1824-01

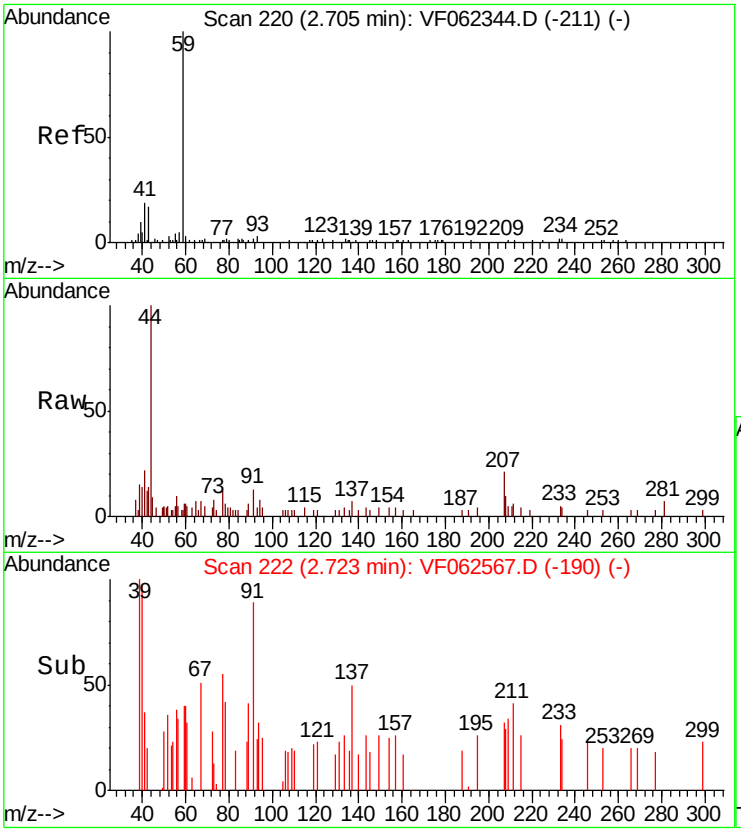


#5
Bromomethane
Concen: Below Cal
RT: 1.41 min Scan# 89
Delta R.T. 0.01 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Tgt Ion: 94 Resp: 304

Ion	Ratio	Lower	Upper
94	100		
96	101.0	75.4	113.2



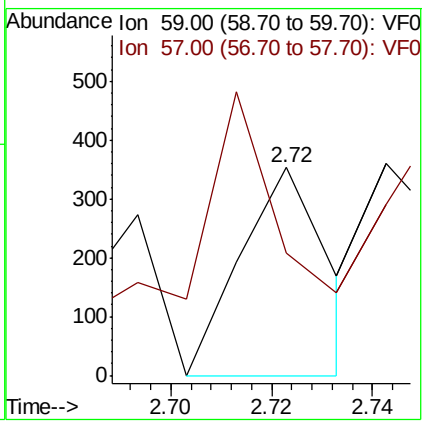


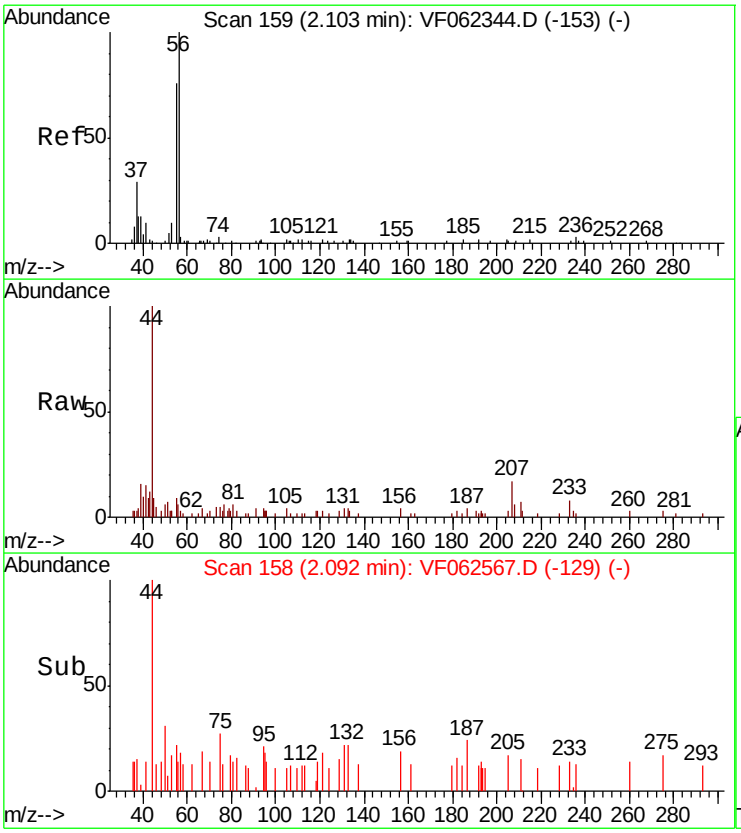
#11
Tert butyl alcohol
Concen: 2.610 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.02 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1824-01

Tgt Ion: 59 Resp: 422

Ion	Ratio	Lower	Upper
59	100		
57	171.8	9.3	13.9#

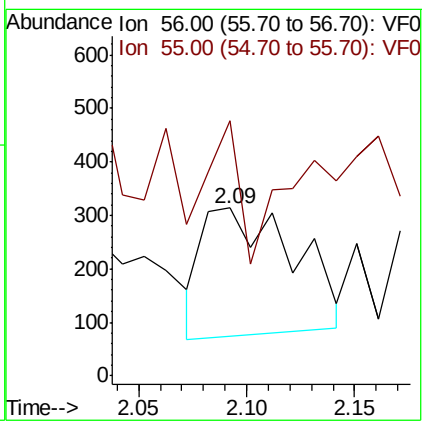


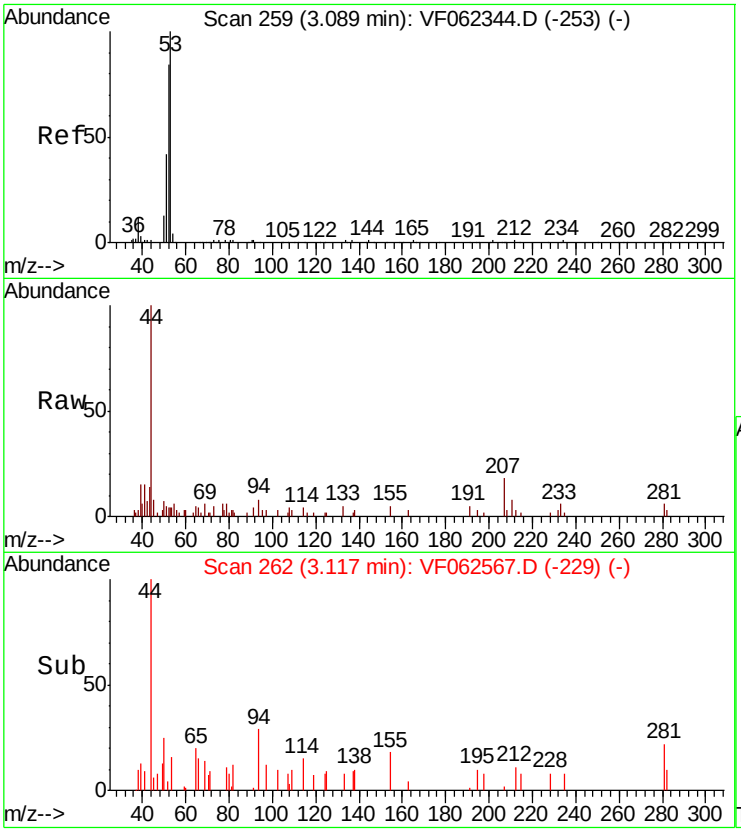


#13
Acrolein
Concen: Below Cal
RT: 2.09 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Tgt Ion: 56 Resp: 711

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.4	87.6#



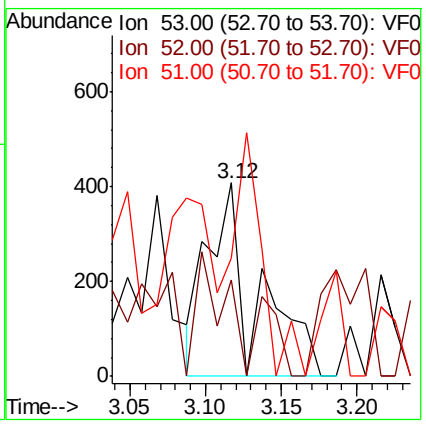


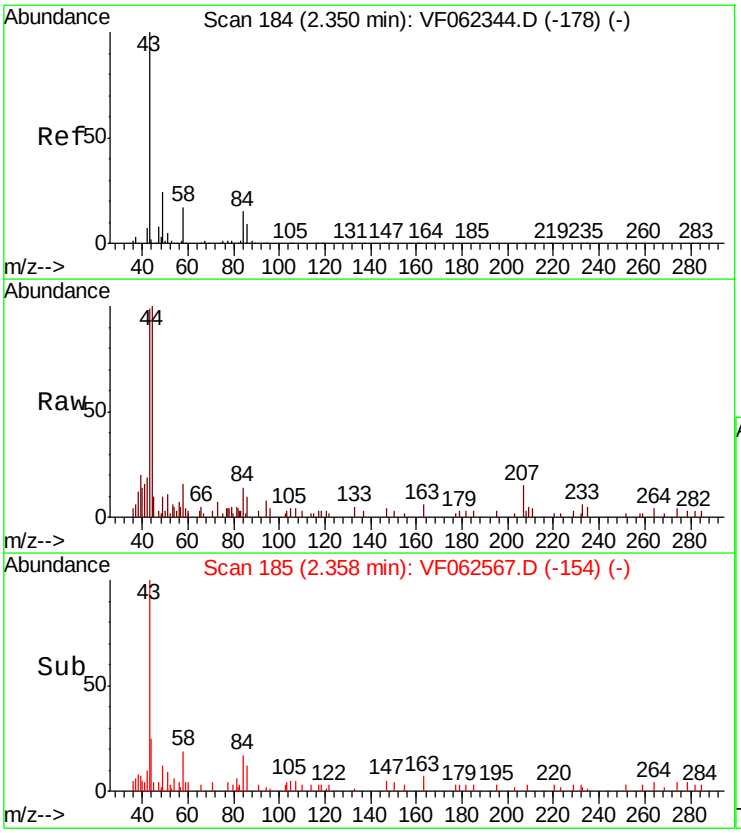
#15
Acrylonitrile
Concen: 2.988 ug/l
RT: 3.12 min Scan# 262
Delta R.T. 0.03 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Instrument : MSVOA_F
ClientSampleId : P021-SS007-1824-01

Tgt Ion: 53 Resp: 915

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.2	115.8#
51	74.1	40.6	61.0#

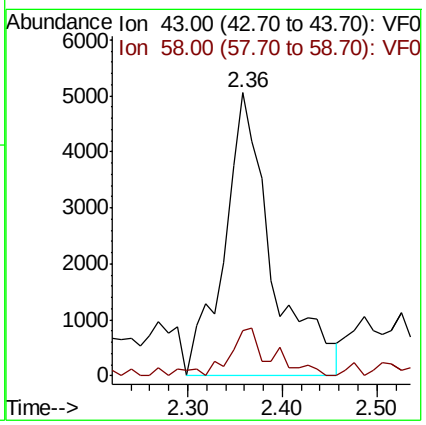


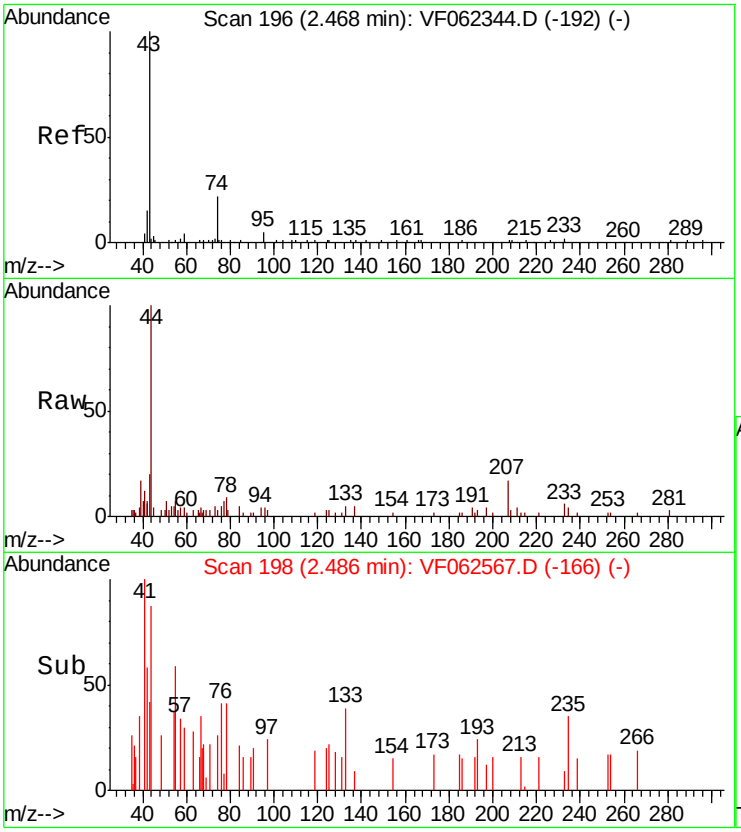


#16
Acetone
Concen: 30.796 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Tgt Ion: 43 Resp: 17819

Ion	Ratio	Lower	Upper
43	100		
58	16.1	13.1	19.7



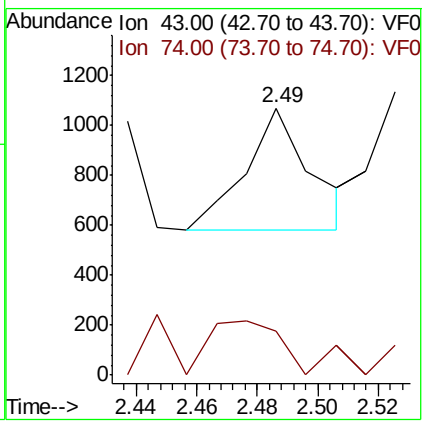


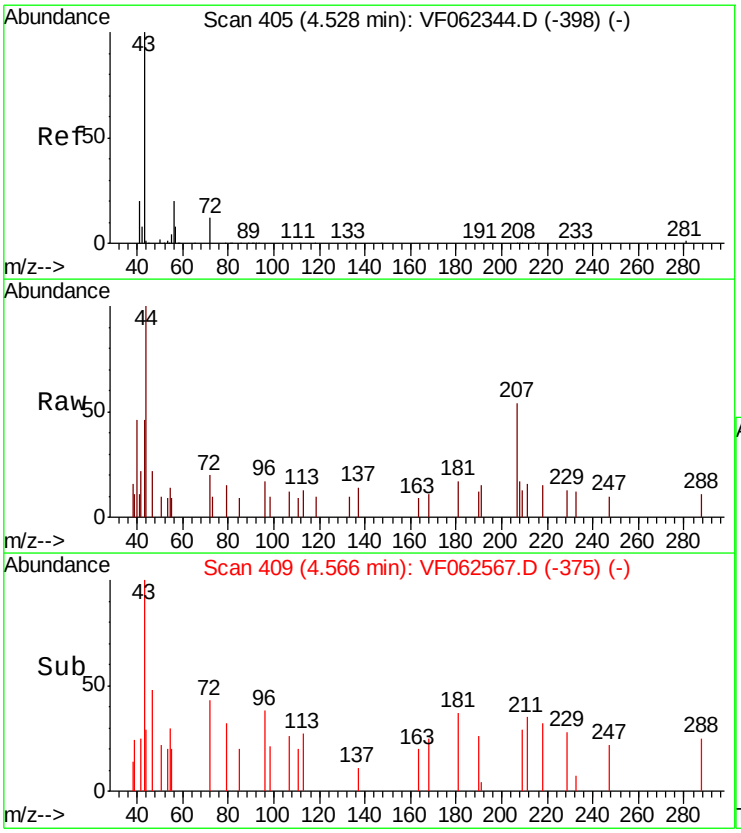
#18
Methyl Acetate
Concen: Below Cal
RT: 2.49 min Scan# 198
Delta R.T. 0.02 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Instrument : MSVOA_F
ClientSampleId : P021-SS007-1824-01

Tgt Ion: 43 Resp: 730

Ion	Ratio	Lower	Upper
43	100		
74	58.6	15.0	22.4#

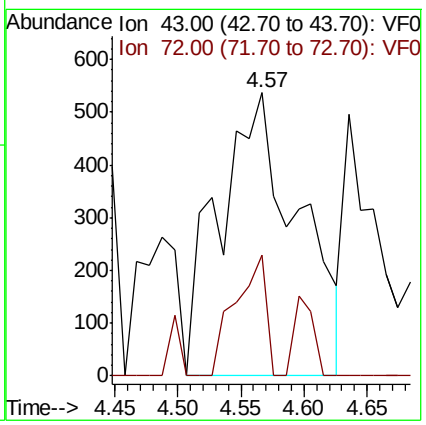


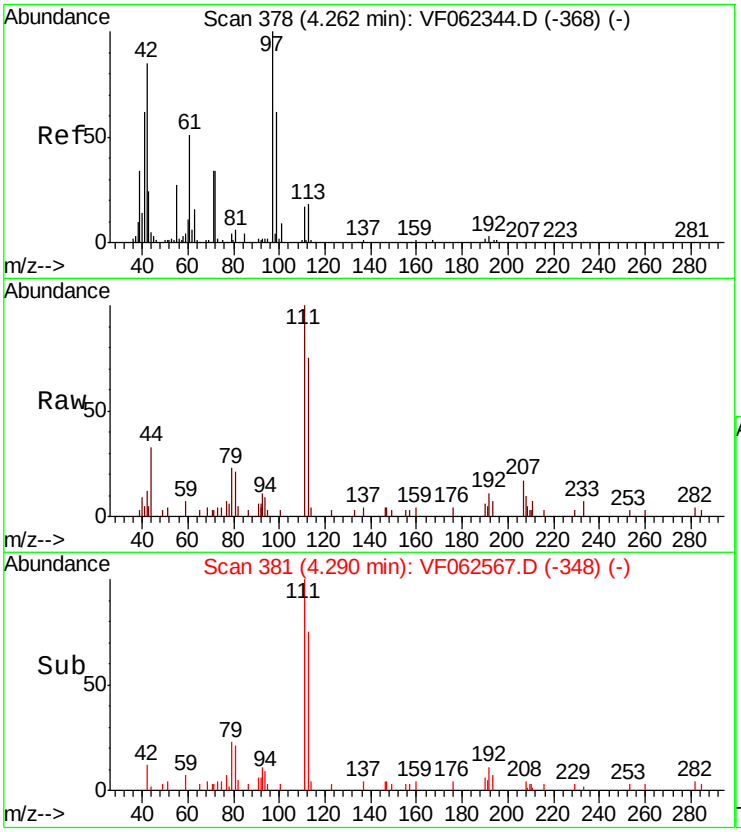


#25
2-Butanone
Concen: 3.241 ug/l
RT: 4.57 min Scan# 409
Delta R.T. 0.04 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Tgt Ion: 43 Resp: 2356

Ion	Ratio	Lower	Upper
43	100		
72	42.8	14.2	21.4#



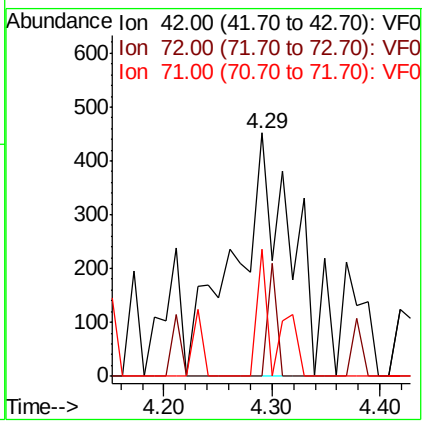


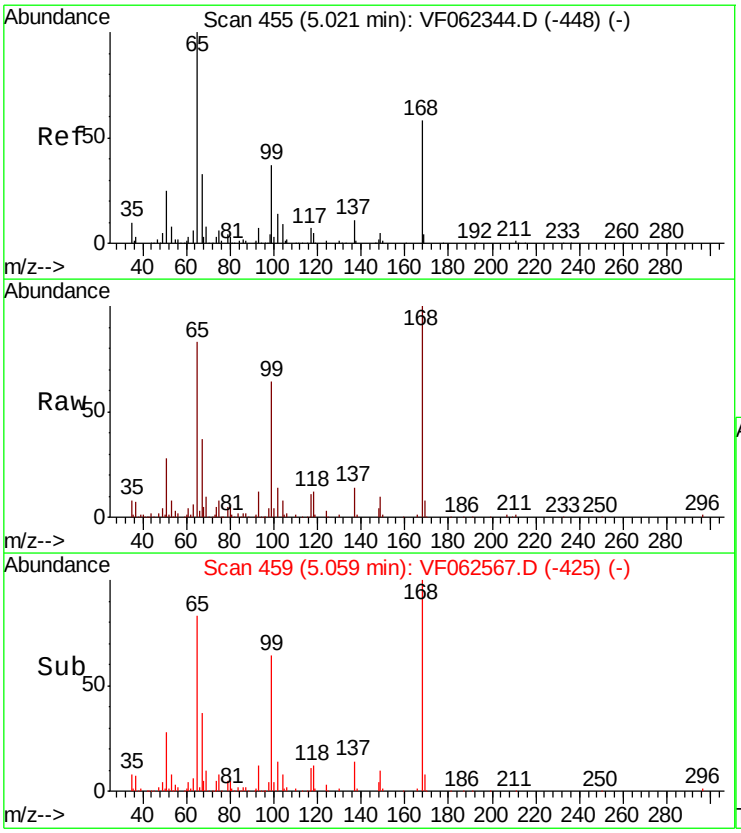
#29
Tetrahydrofuran
Concen: 5.133 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.03 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1824-01

Tgt Ion: 42 Resp: 1715

Ion	Ratio	Lower	Upper
42	100		
72	7.2	31.4	47.0#
71	15.6	31.7	47.5#

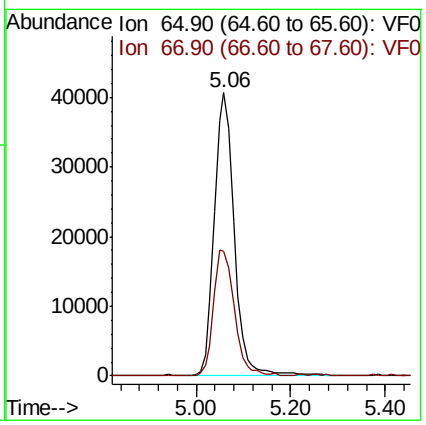


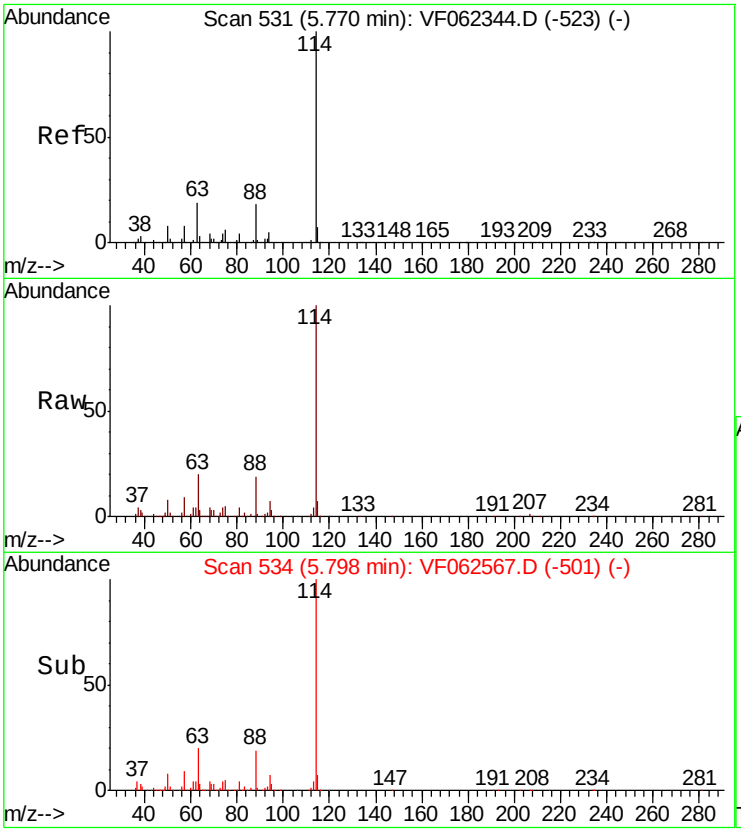


#33
1,2-Dichloroethane-d4
Concen: 41.520 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.04 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Tgt Ion: 65 Resp: 118760

Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	85.8



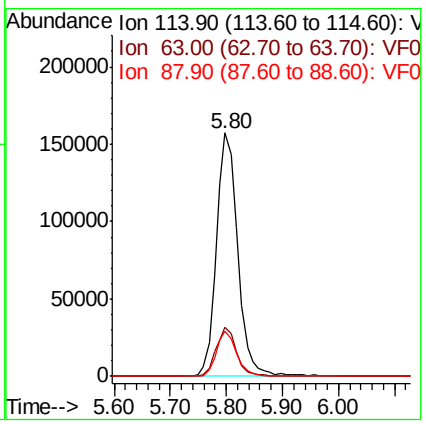


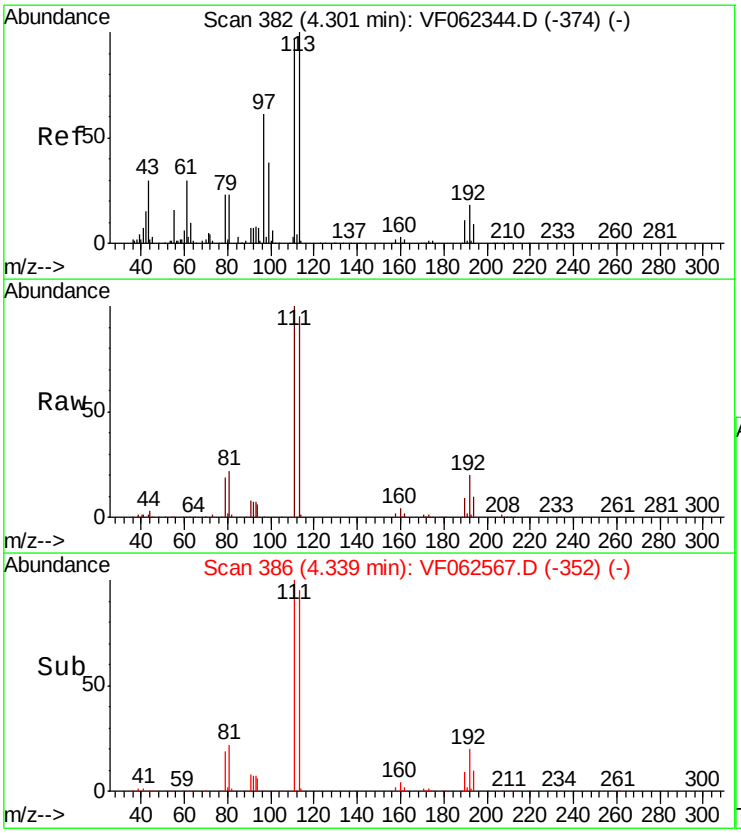
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.03 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1824-01

Tgt Ion:114 Resp: 419386

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	37.4
88	18.5	0.0	36.4

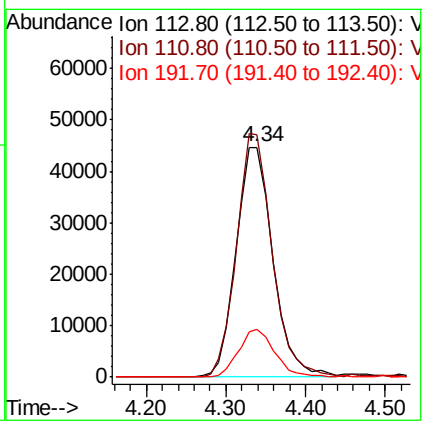


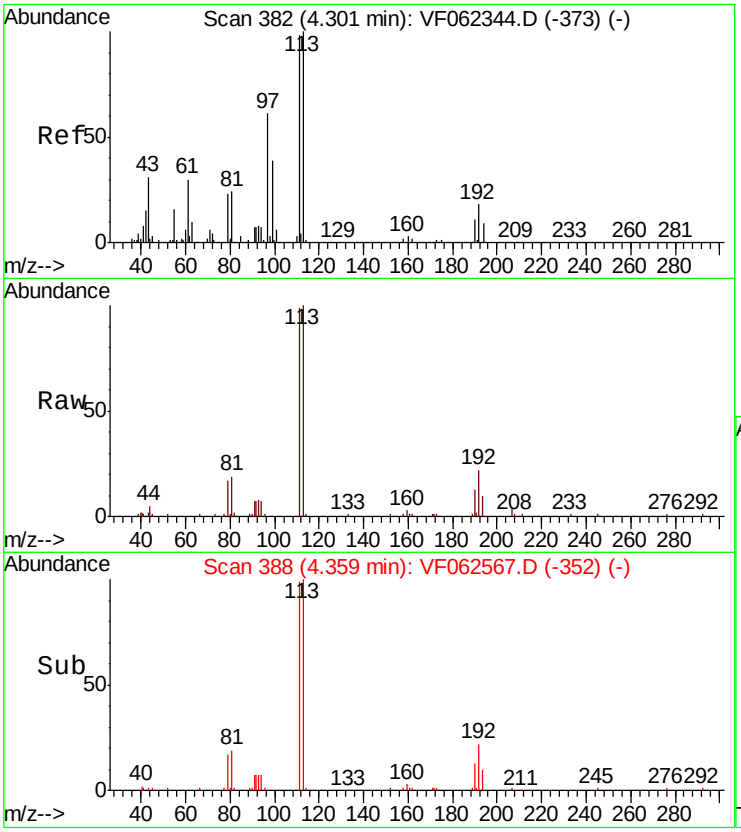


#35
Dibromofluoromethane
Concen: 42.826 ug/l
RT: 4.34 min Scan# 386
Delta R.T. 0.04 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Tgt Ion:113 Resp: 143089

Ion	Ratio	Lower	Upper
113	100		
111	102.2	79.4	119.0
192	20.6	16.0	24.0



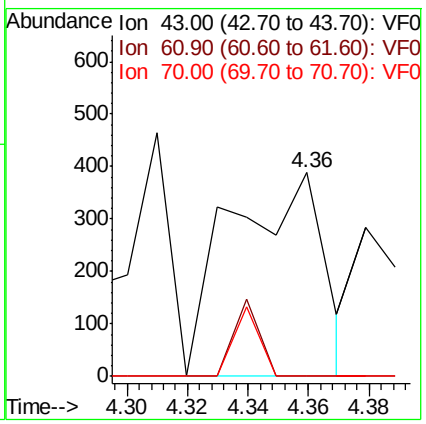


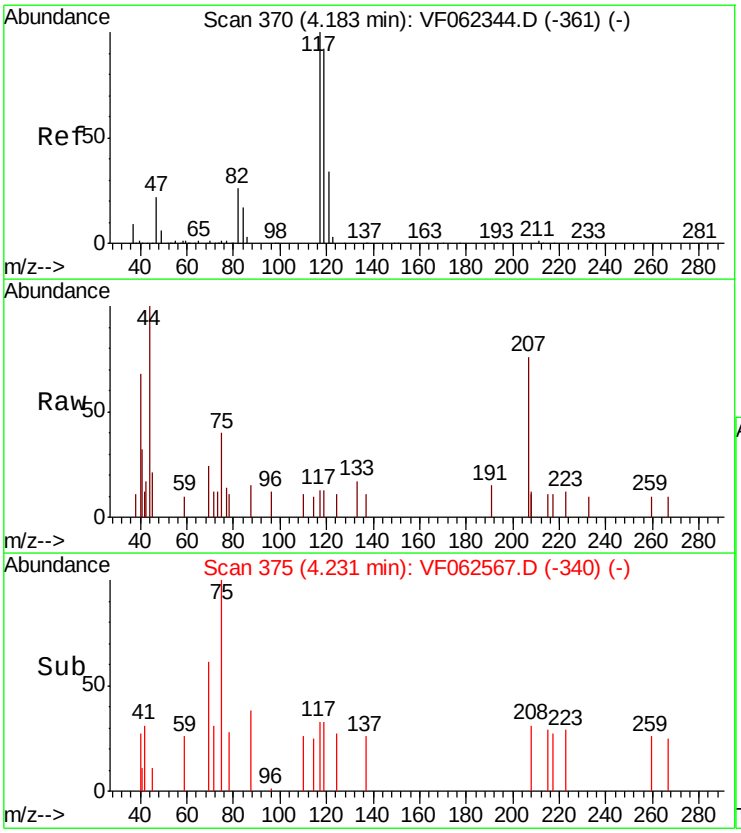
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.36 min Scan# 388
Delta R.T. 0.06 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Instrument : MSVOA_F
ClientSampleId : P021-SS007-1824-01

Tgt Ion: 43 Resp: 830

Ion	Ratio	Lower	Upper
43	100		
61	10.5	0.0	0.0#
70	9.4	8.2	12.2

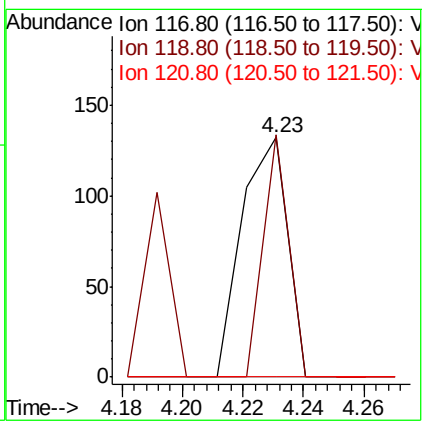


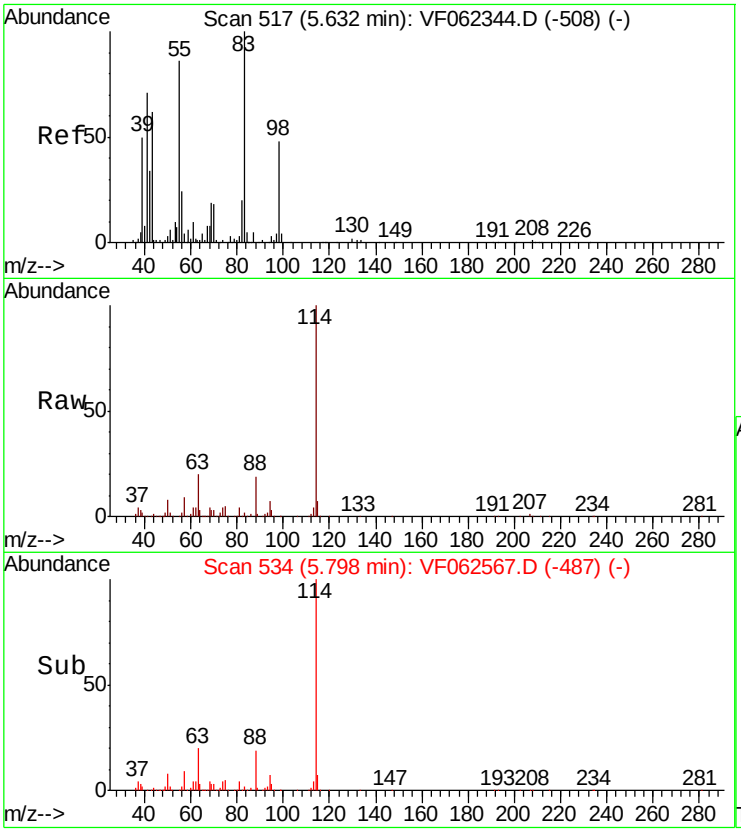


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.23 min Scan# 375
Delta R.T. 0.05 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Tgt Ion:117 Resp: 140

Ion	Ratio	Lower	Upper
117	100		
119	101.5	73.4	110.2
121	0.0	27.4	41.0#



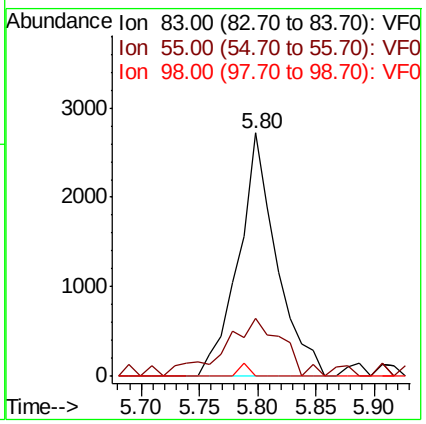


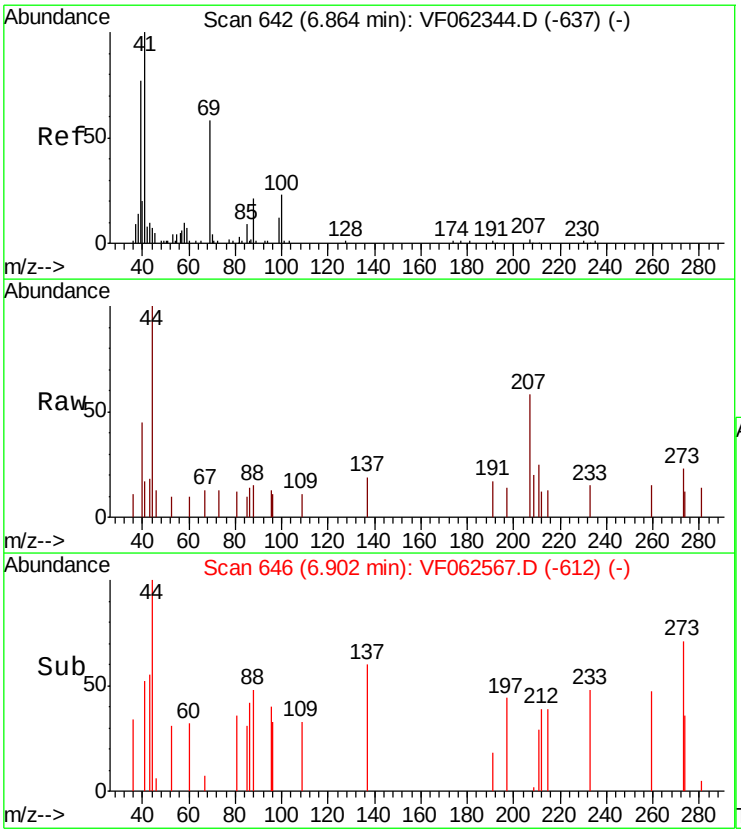
#39
Methylcyclohexane
Concen: 1.698 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.17 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Instrument :
MSVOA_F
ClientSampleId :
P021-SS007-1824-01

Tgt Ion: 83 Resp: 6136

Ion	Ratio	Lower	Upper
83	100		
55	19.8	69.0	103.6#
98	13.0	38.6	58.0#

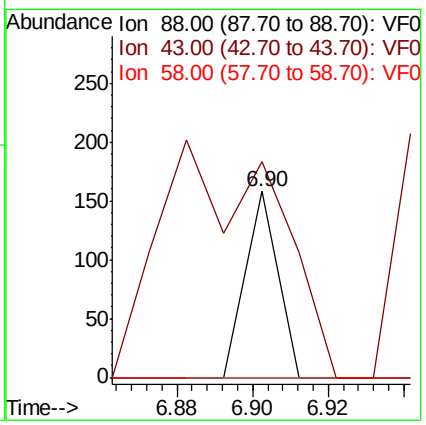


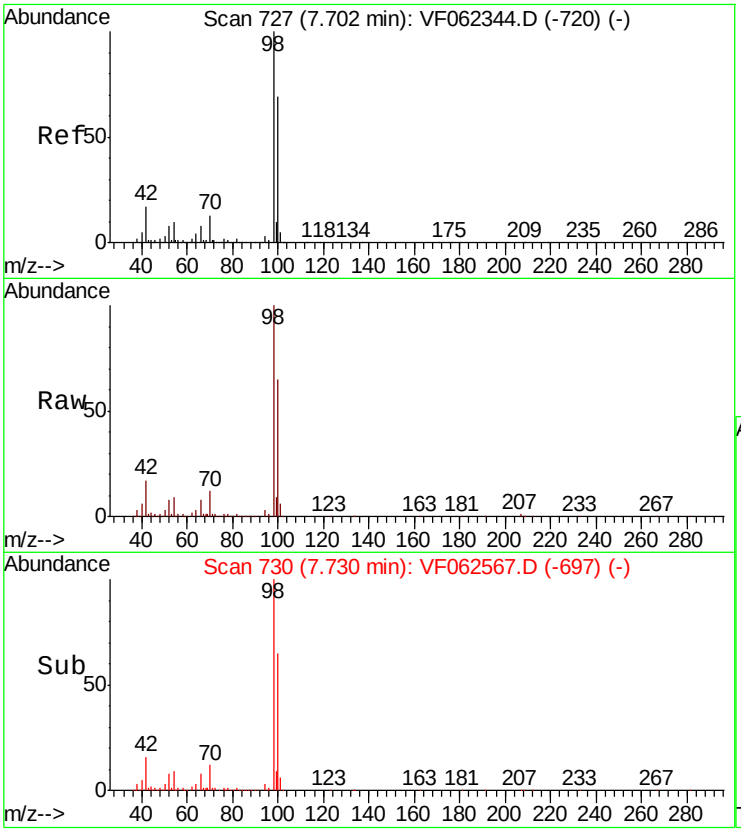


#49
1,4-Dioxane
Concen: Below Cal
RT: 6.90 min Scan# 646
Delta R.T. 0.04 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Tgt Ion: 88 Resp: 93

Ion	Ratio	Lower	Upper
88	100		
43	458.1	55.6	83.4#
58	0.0	52.8	79.2#



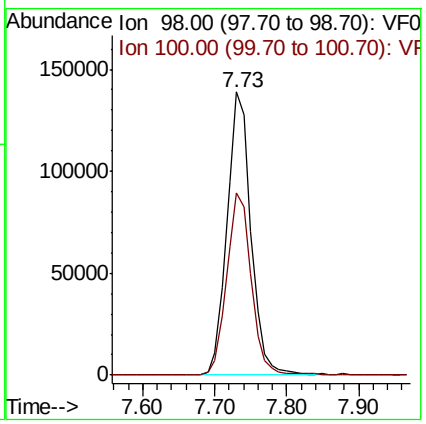


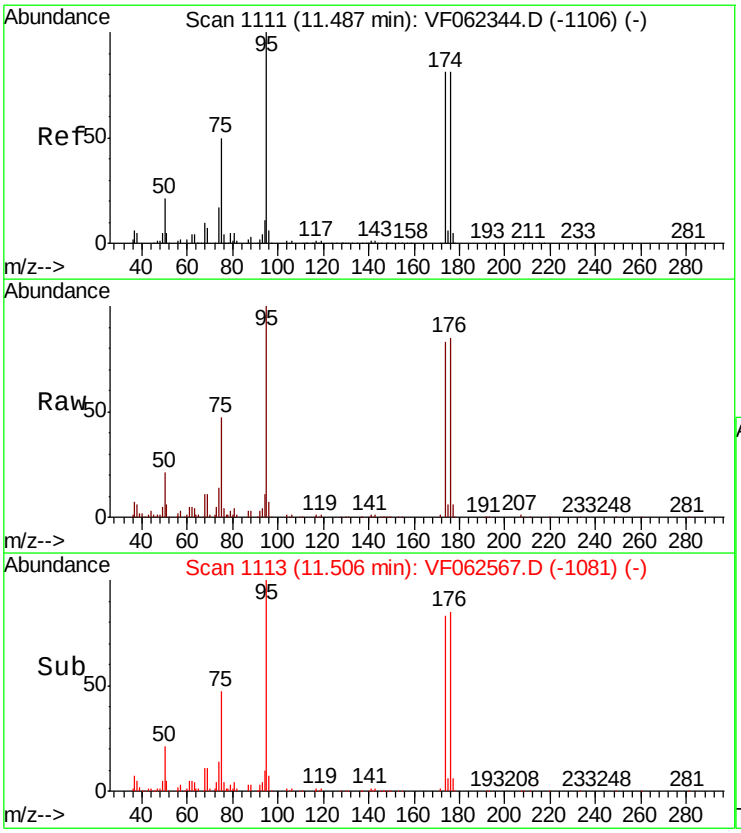
#50
Toluene-d8
Concen: 39.740 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Instrument : MSVOA_F
ClientSampleId : P021-SS007-1824-01

Tgt Ion: 98 Resp: 321414

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.3	79.9

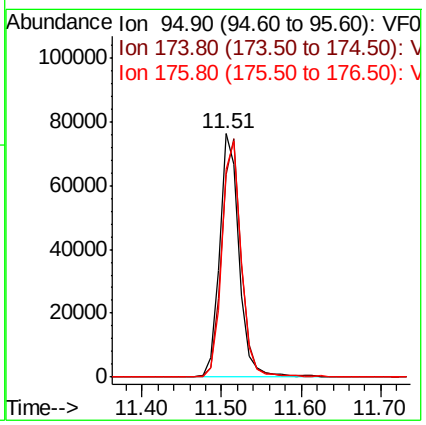


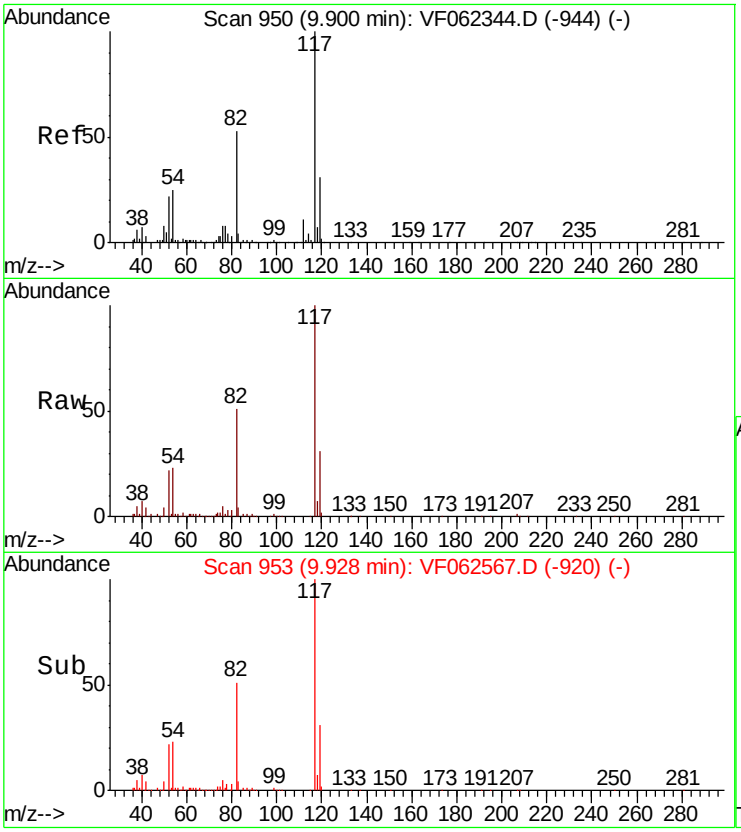


#62
4-Bromofluorobenzene
Concen: 36.185 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Tgt Ion: 95 Resp: 132035

Ion	Ratio	Lower	Upper
95	100		
174	98.5	0.0	191.8
176	96.5	0.0	193.2



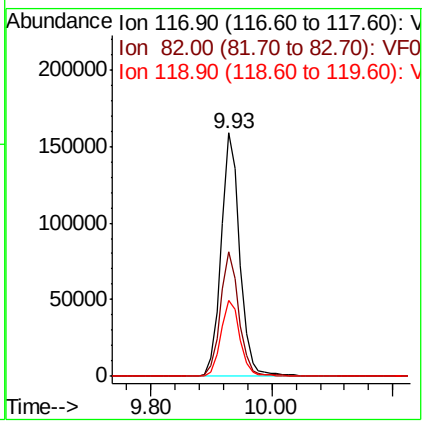


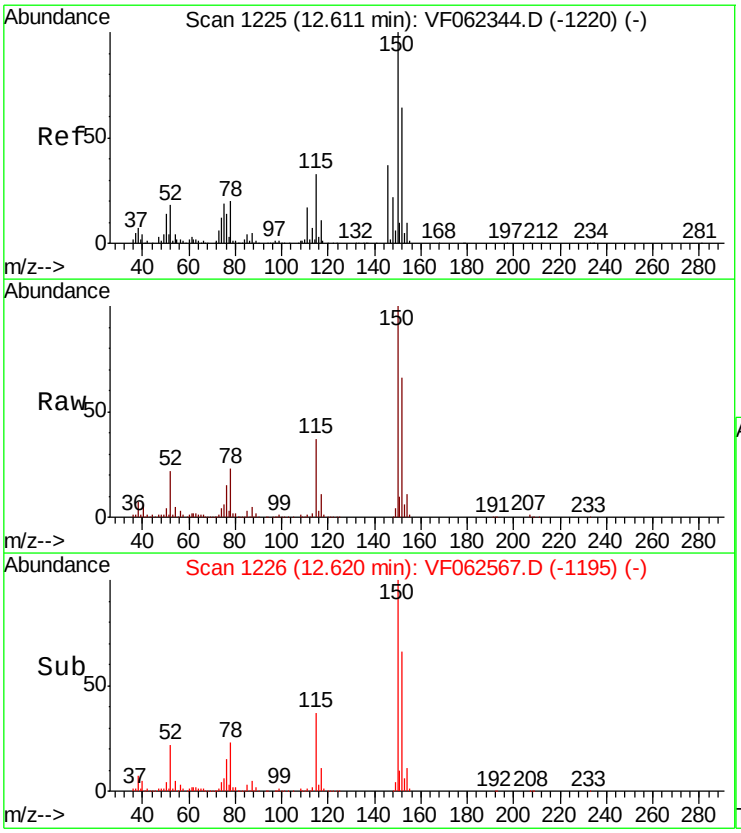
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062567.D
Acq: 14 May 2019 4:31

Instrument : MSVOA_F
ClientSampleId : P021-SS007-1824-01

Tgt Ion:117 Resp: 338958

Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.2	63.2
119	31.4	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: VF062567.D
Acq: 14 May 2019 4:31

Tgt Ion:152 Resp: 191958

Ion	Ratio	Lower	Upper
152	100		
115	52.5	26.4	79.2
150	150.4	0.0	335.0