Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062536.D
Acq On : 13 May 2019 8:03
Operator : FY/SY
Sample : K2734-17RE
Misc : 5.18g/5mL/MSVOA_F/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P026-SS014-0206-01RE

Quant Time: May 13 11:03:05 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	243593	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	318083	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	215192	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	76427	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	110001	47.78	ug/l	0.03
Spiked Amount 50.000			Recovery = 95.56%			
35) Dibromofluoromethane	4.33	113	133012	52.49	ug/l	0.03
Spiked Amount 50.000			Recovery = 104.98%			
50) Toluene-d8	7.73	98	234682	38.26	ug/l	0.03
Spiked Amount 50.000			Recovery = 76.52%			
62) 4-Bromofluorobenzene	11.51	95	65698	23.74	ug/l	0.02
Spiked Amount 50.000			Recovery = 47.48%			
Target Compounds						Qvalue
5) Bromomethane	1.44	94	703	Below Cal	#	41
11) Tert butyl alcohol	2.76	59	266	2.044 ug/l	#	1
13) Acrolein	2.06	56	1535	Below Cal	#	65
15) Acrylonitrile	3.10	53	445	1.806 ug/l	#	10
16) Acetone	2.36	43	20258	43.501 ug/l		98
18) Methyl Acetate	2.46	43	855	Below Cal	#	58
25) 2-Butanone	4.54	43	1653	2.825 ug/l	#	60
37) Ethyl Acetate	4.33	43	570	Below Cal	#	73
38) Carbon Tetrachloride	4.00	117	148	Below Cal	#	14
39) Methylcyclohexane	5.79	83	5450	1.989 ug/l	#	33
49) 1,4-Dioxane	6.91	88	96	Below Cal	#	1
81) trans-1,4-Dichloro-2-buten	11.96	75	360	1.769 ug/l	#	30

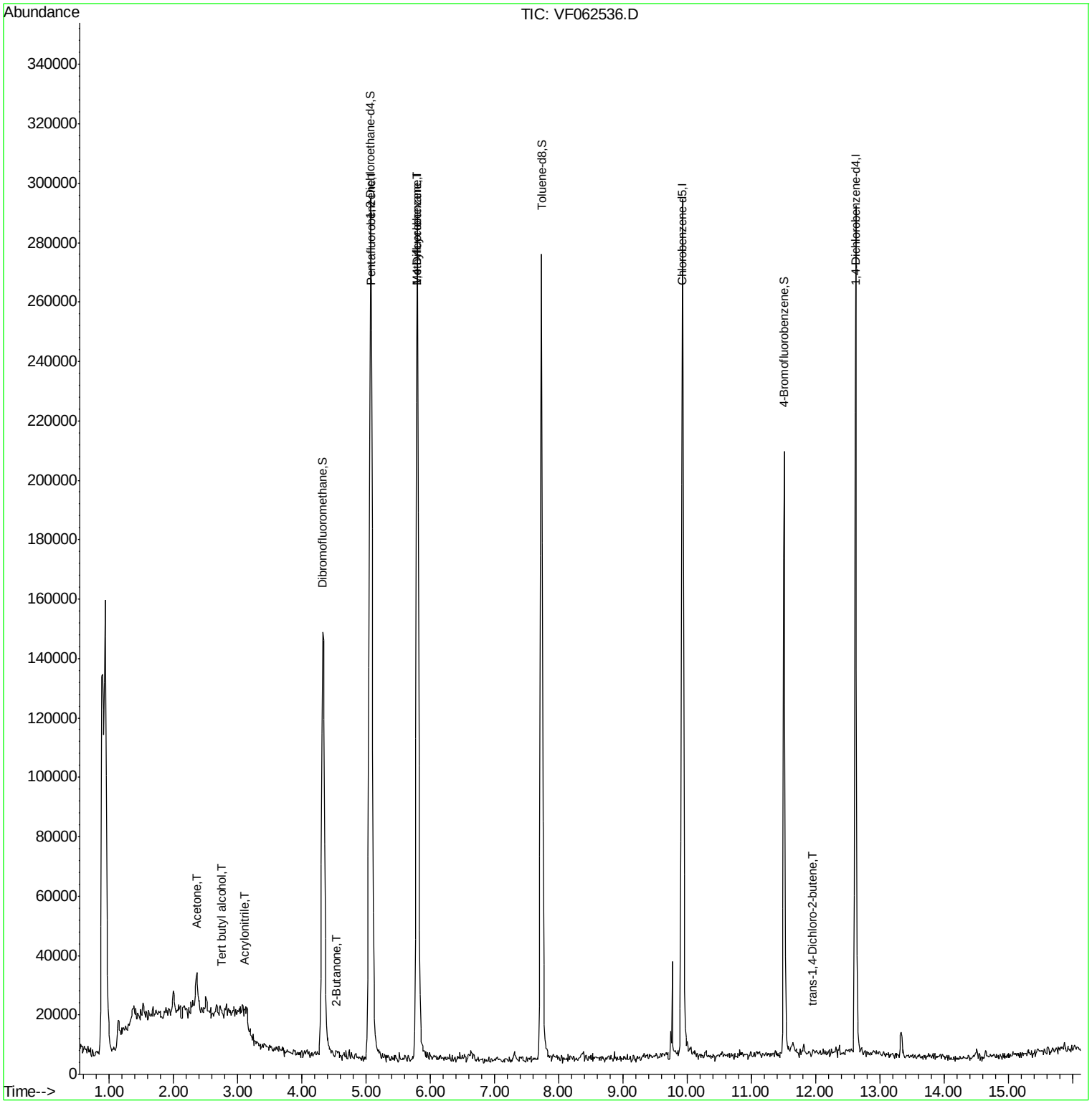
(#) = qualifier out of range (m) = manual integration (+) = signals summed

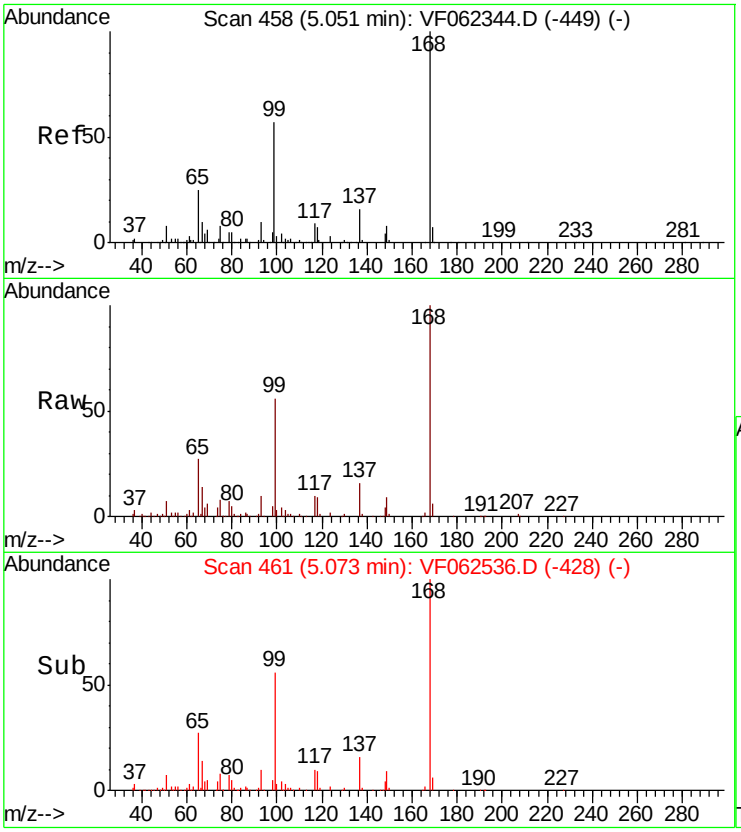
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062536.D
Acq On : 13 May 2019 8:03
Operator : FY/SY
Sample : K2734-17RE
Misc : 5.18g/5mL/MSVOA_F/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-0206-01RE

Quant Time: May 13 11:03:05 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



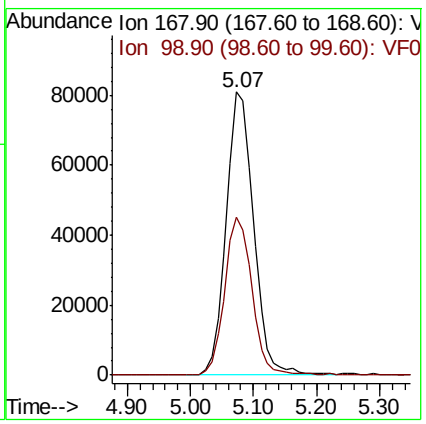


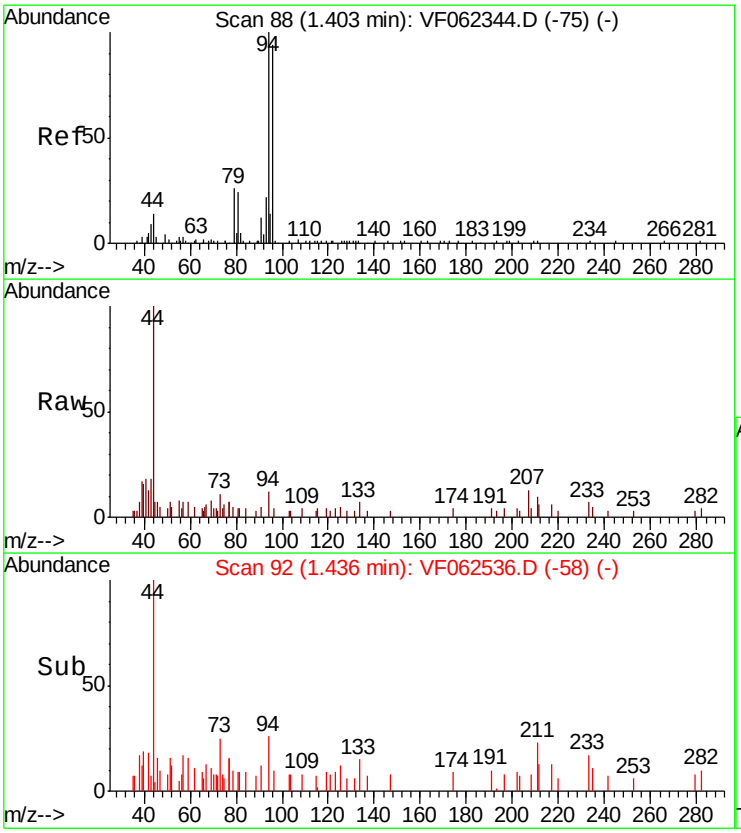
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 461
Delta R.T. 0.02 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-0206-01RE

Tgt Ion:168 Resp: 243593

Ion	Ratio	Lower	Upper
168	100		
99	55.9	45.9	68.9

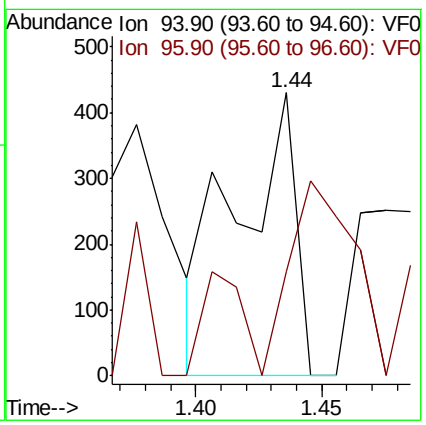


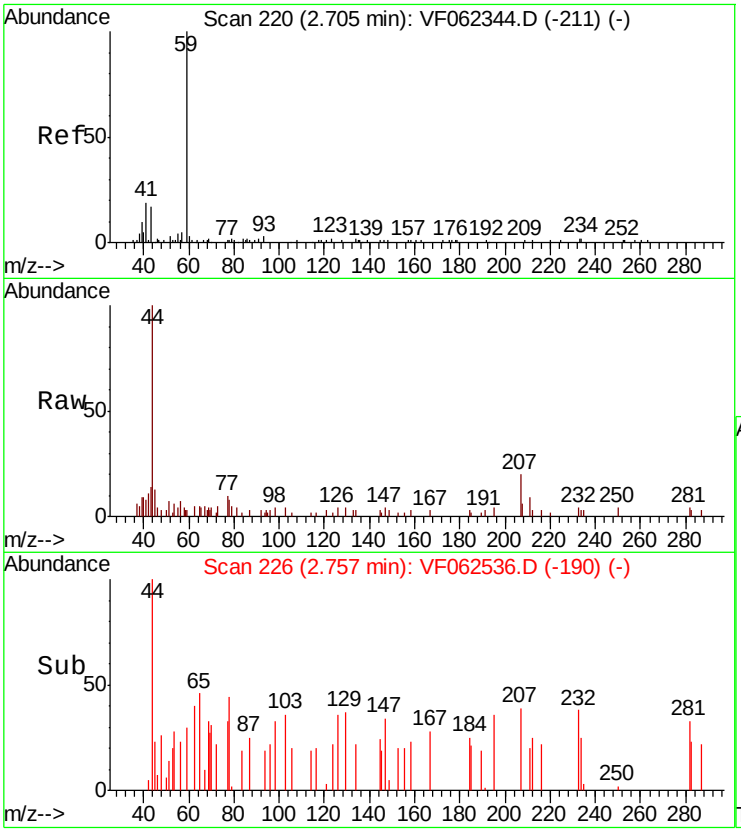


#5
Bromomethane
Concen: Below Cal
RT: 1.44 min Scan# 92
Delta R.T. 0.03 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Tgt Ion: 94 Resp: 703

Ion	Ratio	Lower	Upper
94	100		
96	37.0	75.4	113.2#



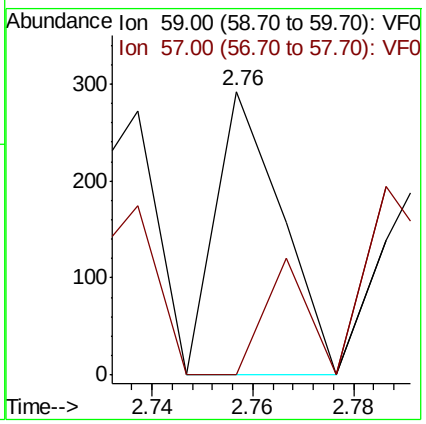


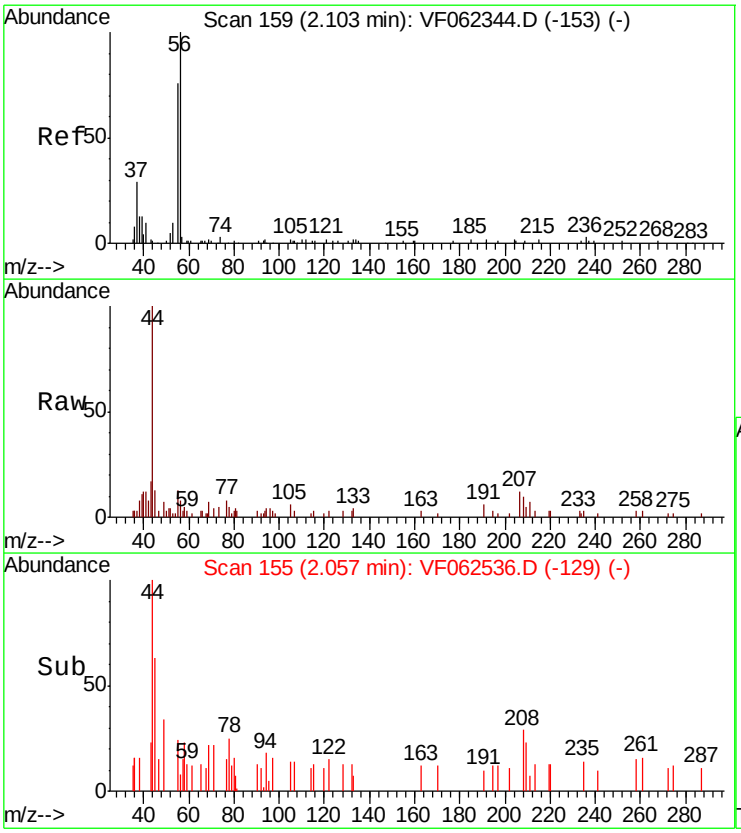
#11
Tert butyl alcohol
Concen: 2.044 ug/l
RT: 2.76 min Scan# 226
Delta R.T. 0.05 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-0206-01RE

Tgt Ion: 59 Resp: 266

Ion	Ratio	Lower	Upper
59	100		
57	64.7	9.3	13.9#

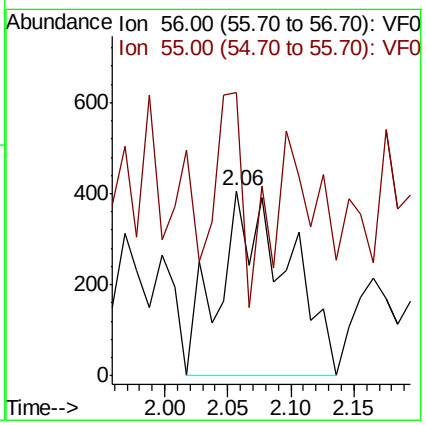


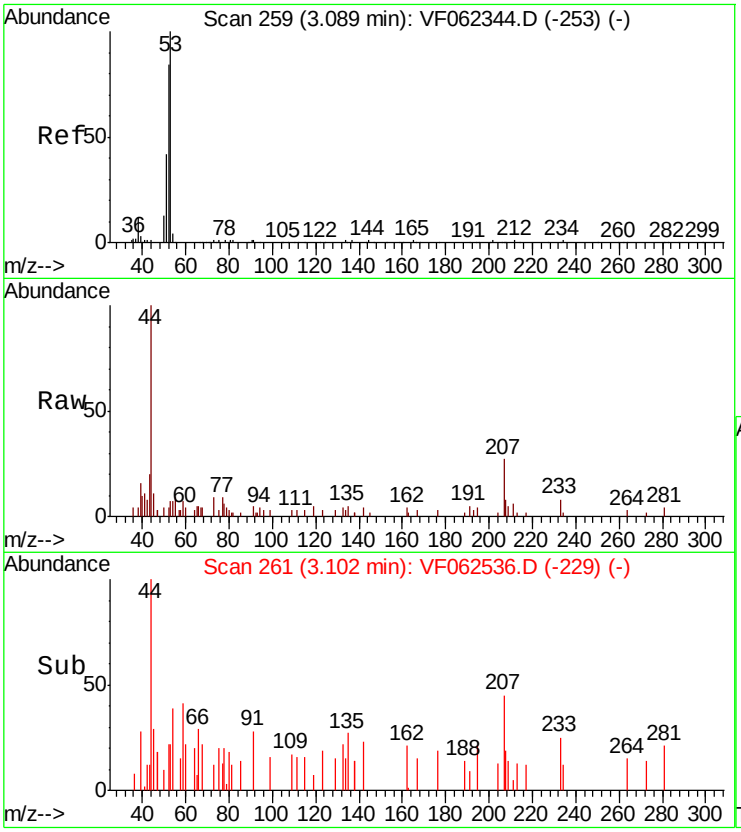


#13
Acrolein
Concen: Below Cal
RT: 2.06 min Scan# 155
Delta R.T. -0.05 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Tgt Ion: 56 Resp: 1535

Ion	Ratio	Lower	Upper
56	100		
55	43.5	58.4	87.6#



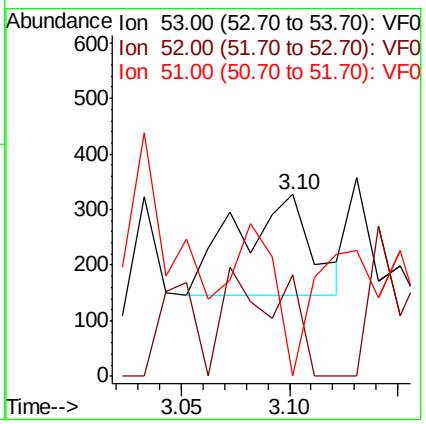


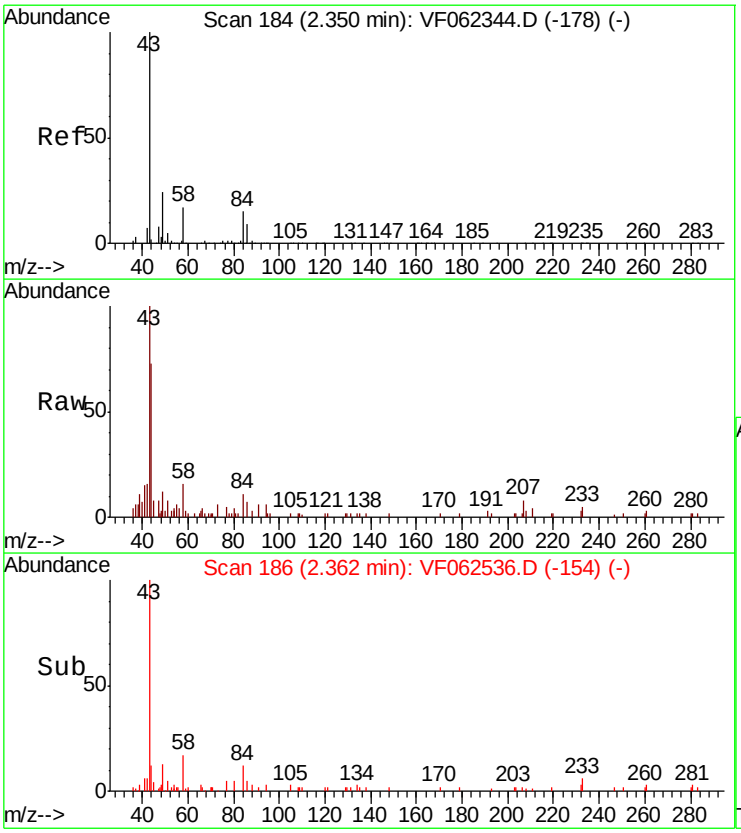
#15
Acrylonitrile
Concen: 1.806 ug/l
RT: 3.10 min Scan# 261
Delta R.T. 0.01 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-0206-01RE

Tgt Ion: 53 Resp: 445

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

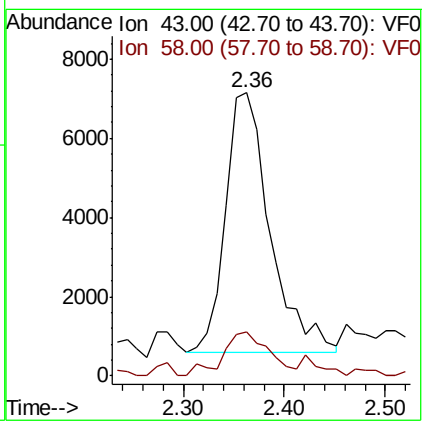


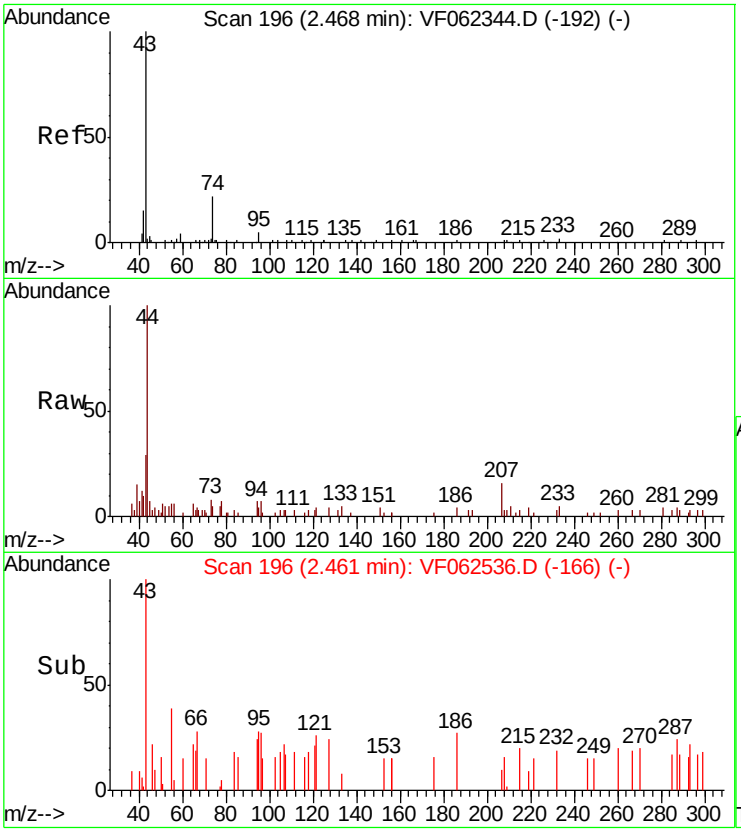


#16
Acetone
Concen: 43.501 ug/l
RT: 2.36 min Scan# 186
Delta R.T. 0.01 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Tgt Ion: 43 Resp: 20258

Ion	Ratio	Lower	Upper
43	100		
58	17.1	13.1	19.7



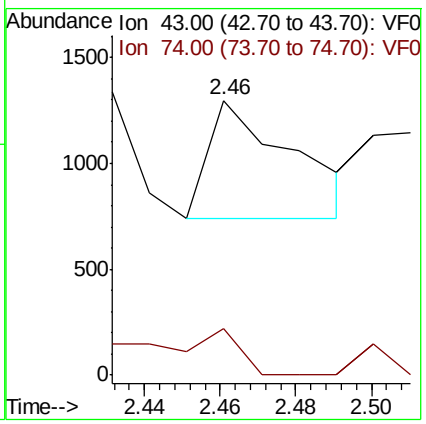


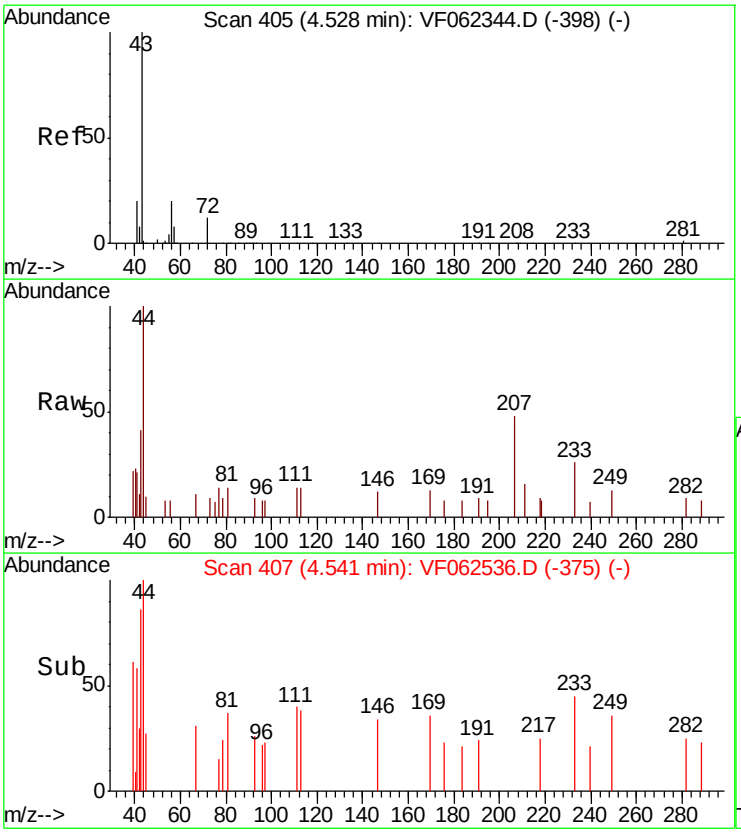
#18
Methyl Acetate
Concen: Below Cal
RT: 2.46 min Scan# 196
Delta R.T. -0.01 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-0206-01RE

Tgt Ion: 43 Resp: 855

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.0	22.4#

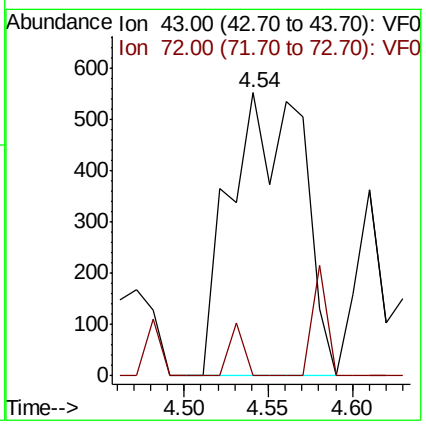


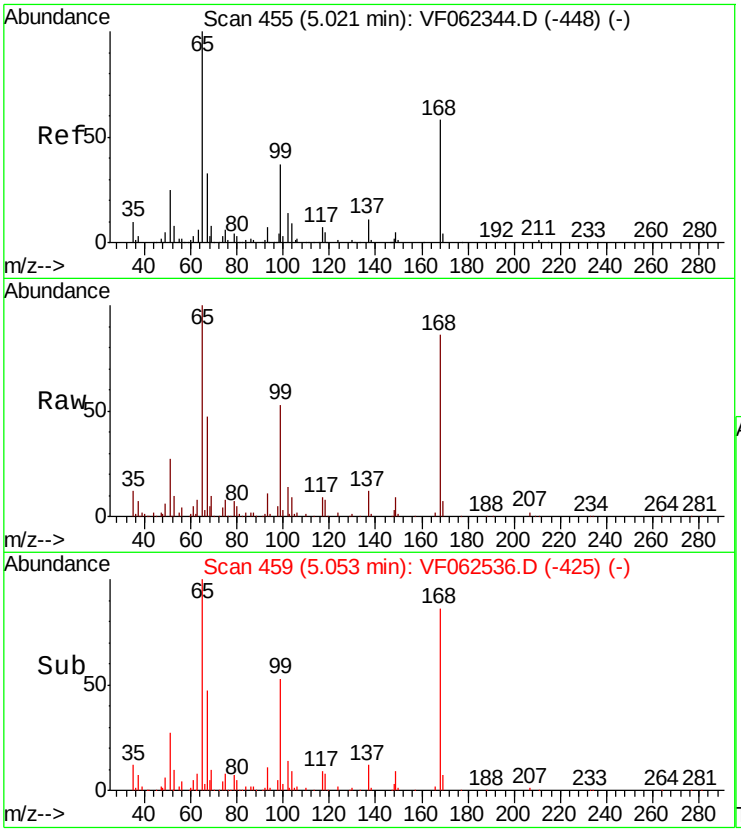


#25
2-Butanone
Concen: 2.825 ug/l
RT: 4.54 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Tgt Ion: 43 Resp: 1653

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



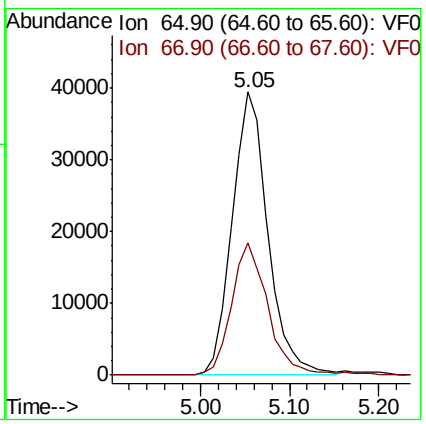


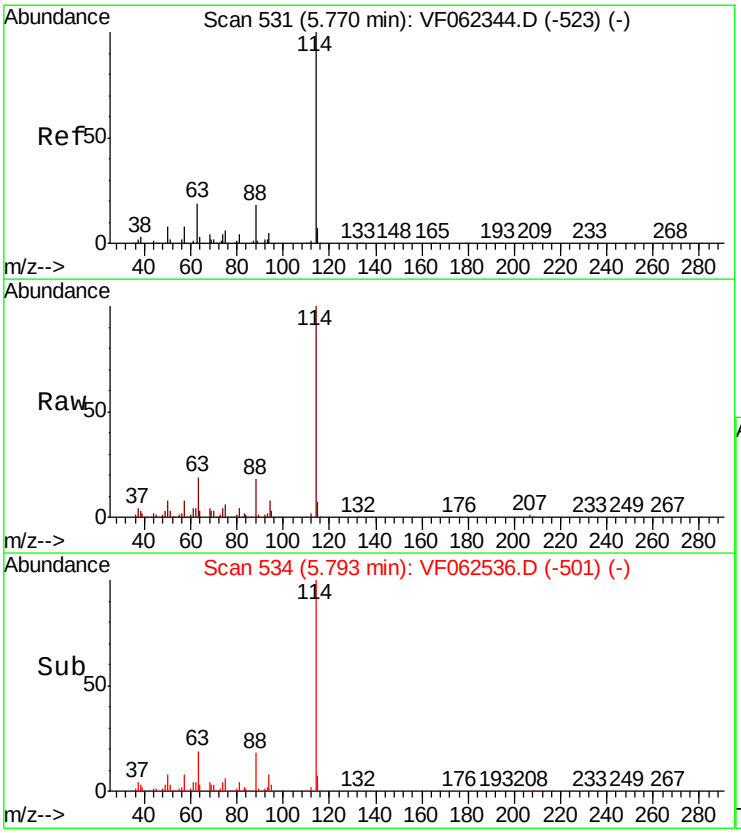
#33
1,2-Dichloroethane-d4
Concen: 47.784 ug/l
RT: 5.05 min Scan# 459
Delta R.T. 0.03 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Instrument : MSVOA_F
ClientSampleId : P026-SS014-0206-01RE

Tgt Ion: 65 Resp: 110001

Ion	Ratio	Lower	Upper
65	100		
67	47.8	0.0	85.8

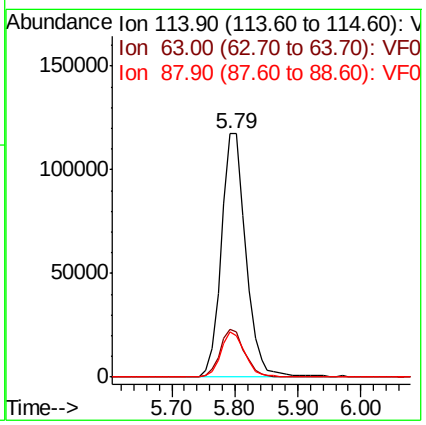


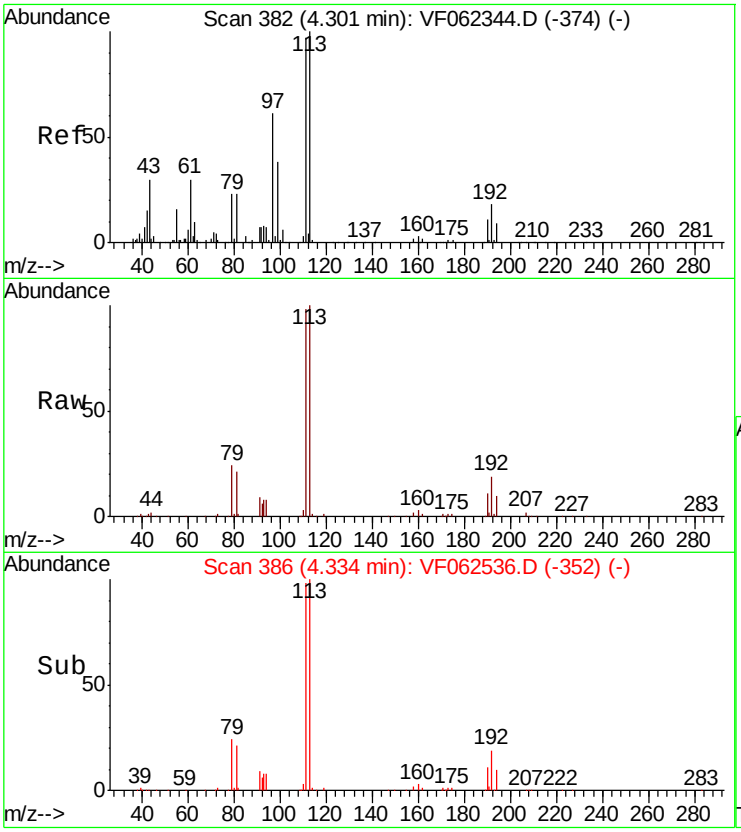


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.02 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Tgt Ion:114 Resp: 318083

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	37.4
88	18.3	0.0	36.4



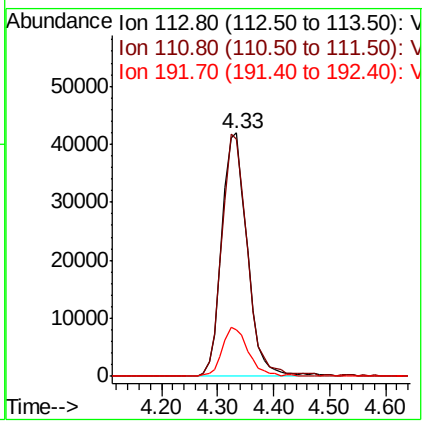


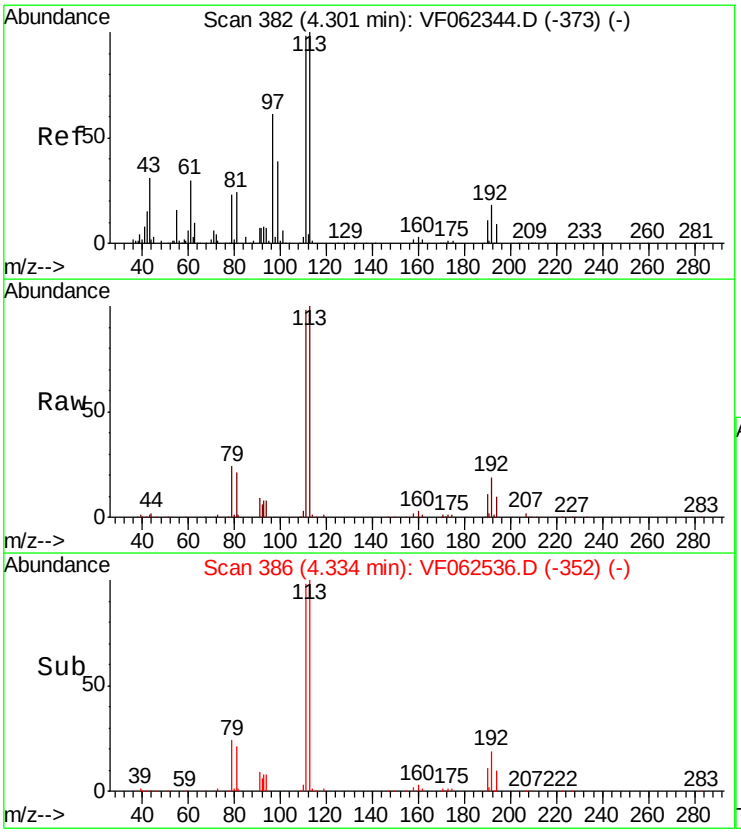
#35
Dibromofluoromethane
Concen: 52.489 ug/l
RT: 4.33 min Scan# 386
Delta R.T. 0.03 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-0206-01RE

Tgt Ion:113 Resp: 133012

Ion	Ratio	Lower	Upper
113	100		
111	98.6	79.4	119.0
192	20.4	16.0	24.0

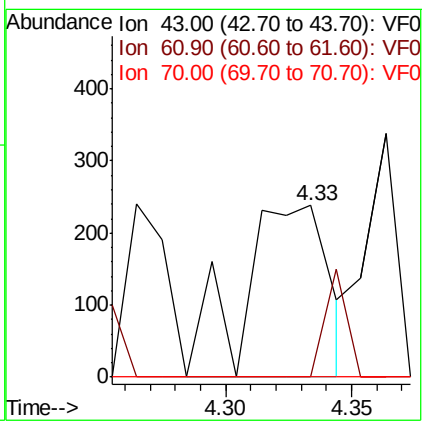


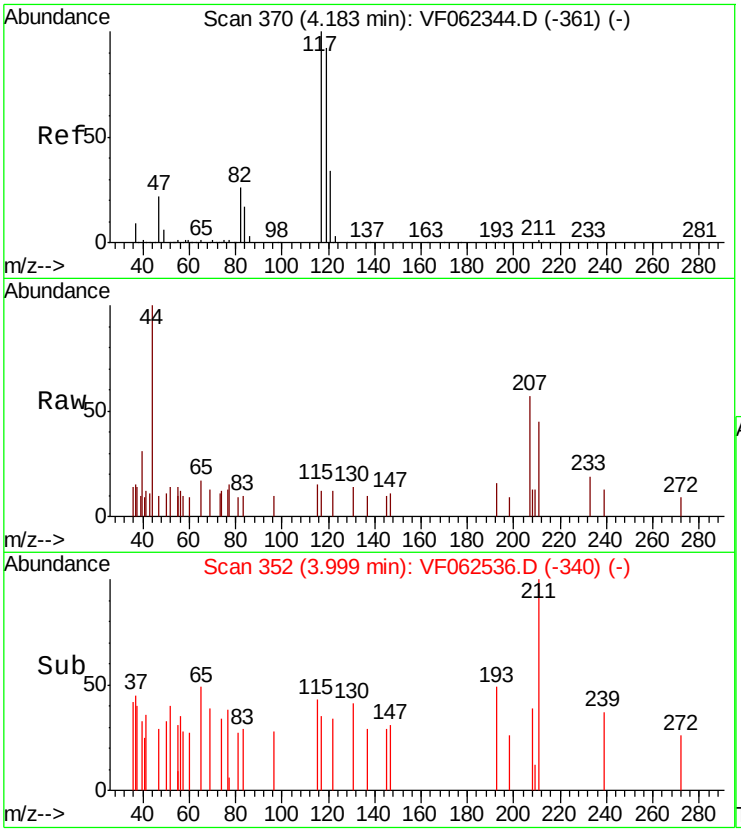


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 386
Delta R.T. 0.03 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Tgt Ion: 43 Resp: 570

Ion	Ratio	Lower	Upper
43	100		
61	15.6	0.0	0.0#
70	0.0	8.2	12.2#



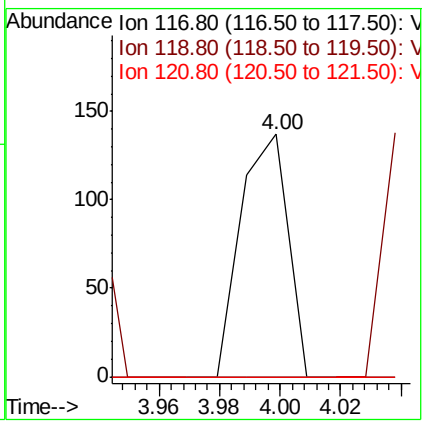


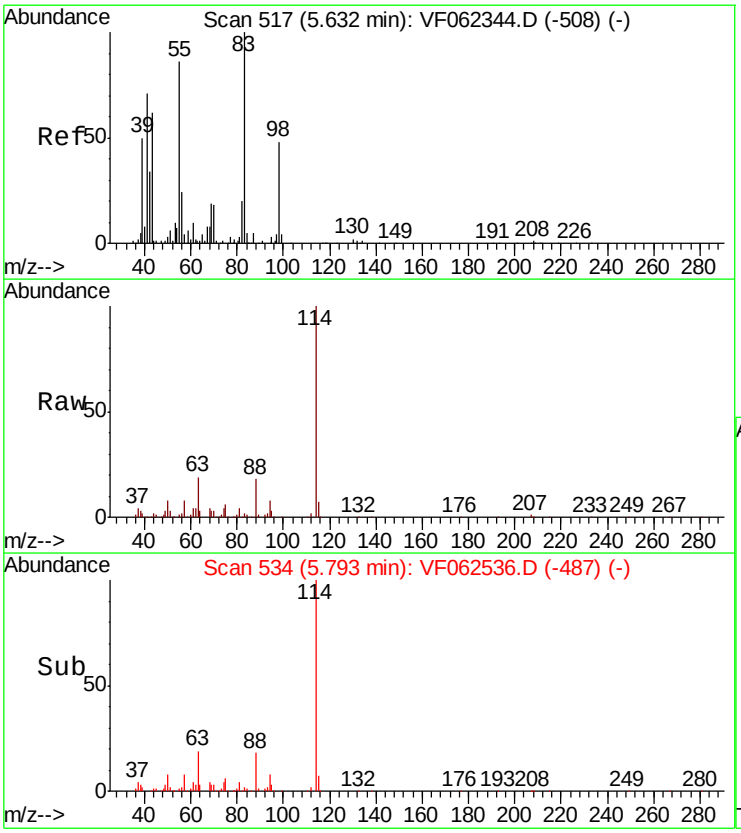
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.00 min Scan# 352
Delta R.T. -0.18 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-0206-01RE

Tgt Ion:117 Resp: 148

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

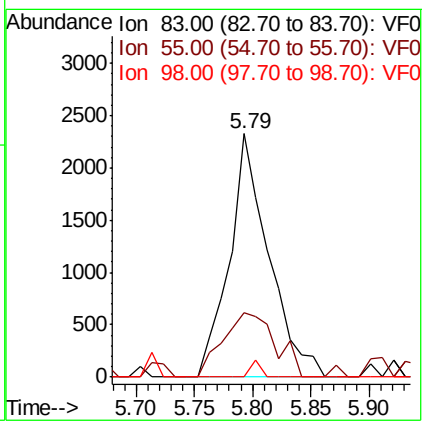


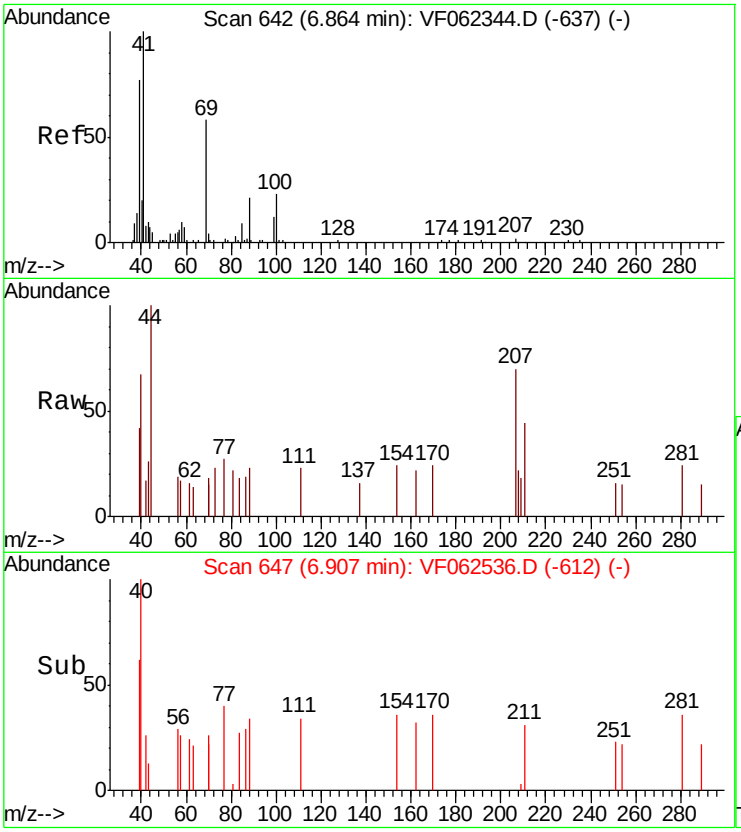


#39
Methylcyclohexane
Concen: 1.989 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.16 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Tgt Ion: 83 Resp: 5450

Ion	Ratio	Lower	Upper
83	100		
55	26.5	69.0	103.6#
98	0.0	38.6	58.0#



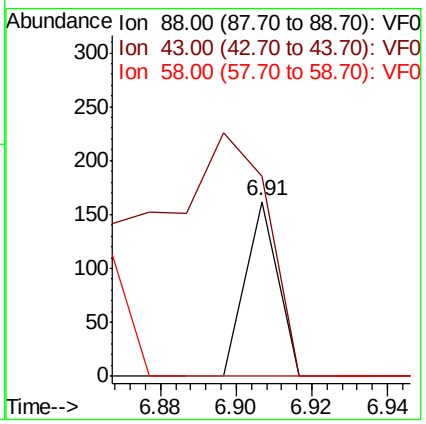


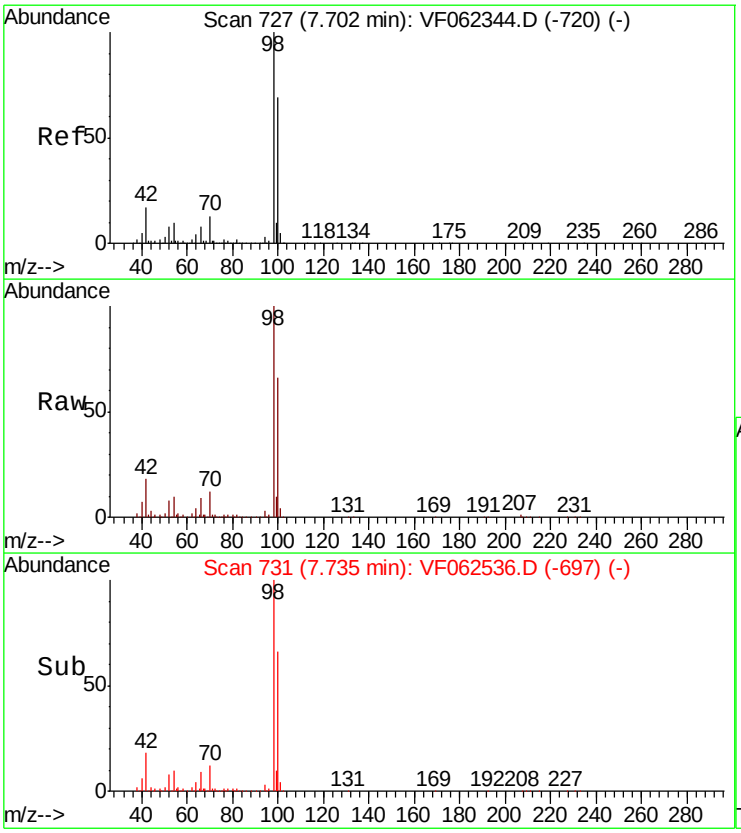
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.91 min Scan# 647
Delta R.T. 0.04 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-0206-01RE

Tgt Ion: 88 Resp: 96

Ion	Ratio	Lower	Upper
88	100		
43	254.2	55.6	83.4#
58	0.0	52.8	79.2#

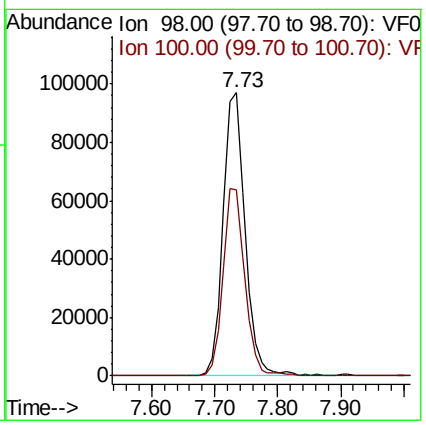


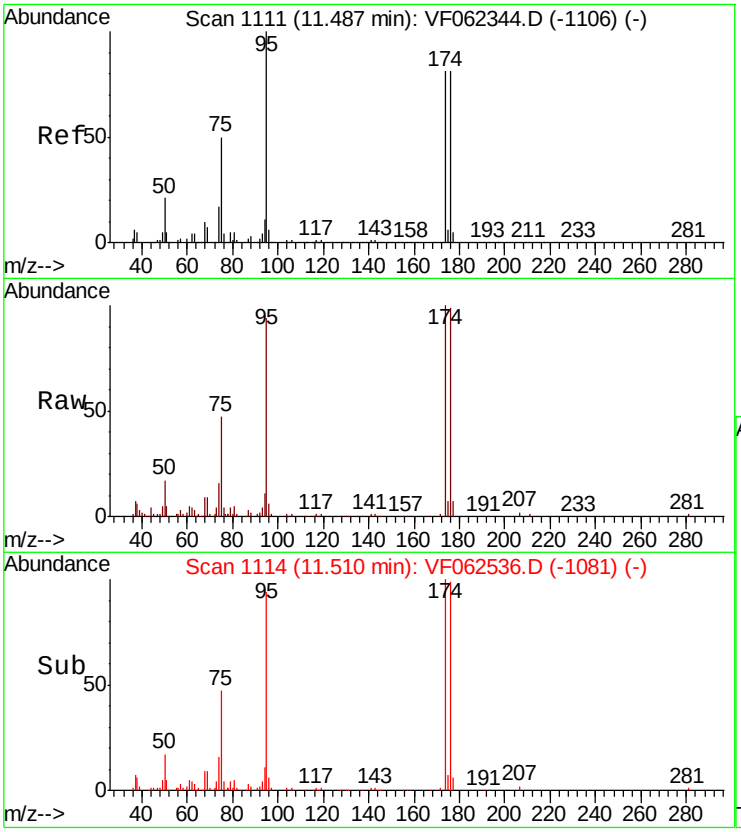


#50
Toluene-d8
Concen: 38.258 ug/l
RT: 7.73 min Scan# 731
Delta R.T. 0.03 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Tgt Ion: 98 Resp: 234682

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.3	79.9



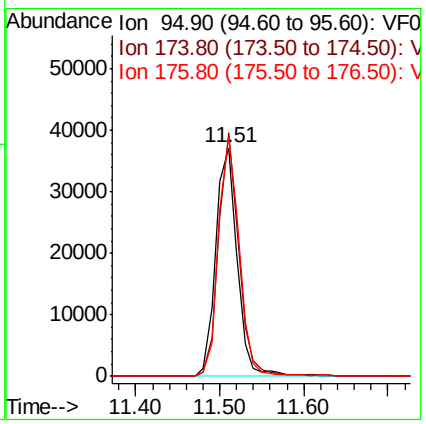


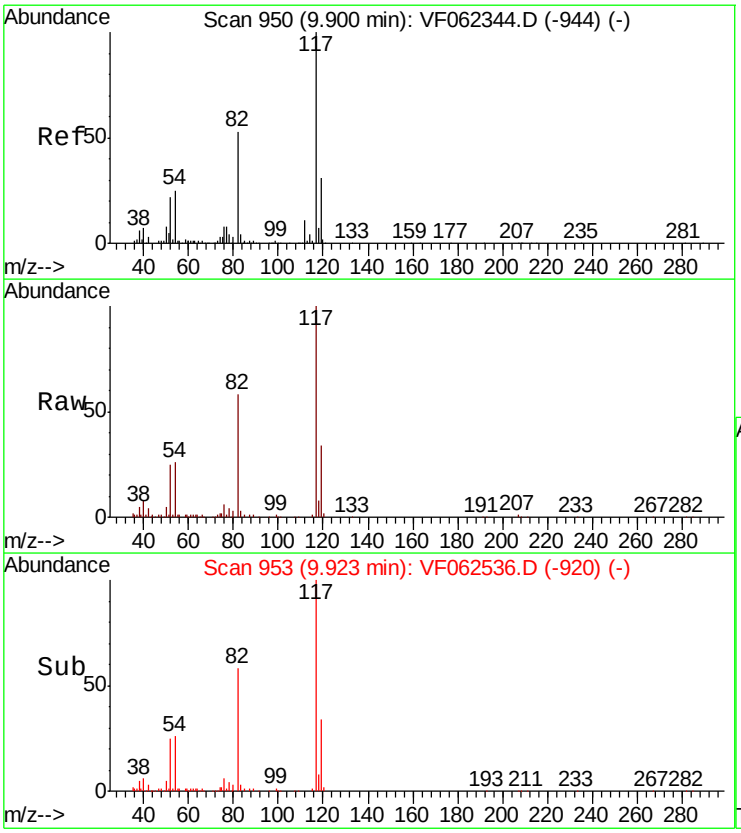
#62
4-Bromofluorobenzene
Concen: 23.739 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-0206-01RE

Tgt Ion: 95 Resp: 65698

Ion	Ratio	Lower	Upper
95	100		
174	100.3	0.0	191.8
176	101.4	0.0	193.2

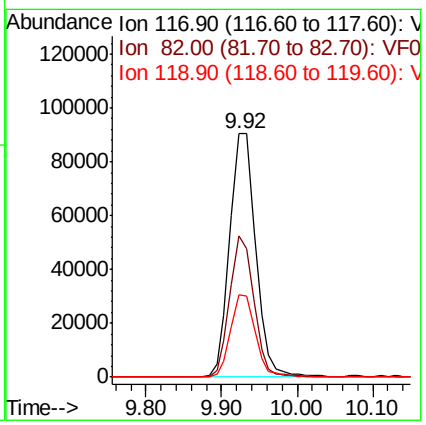


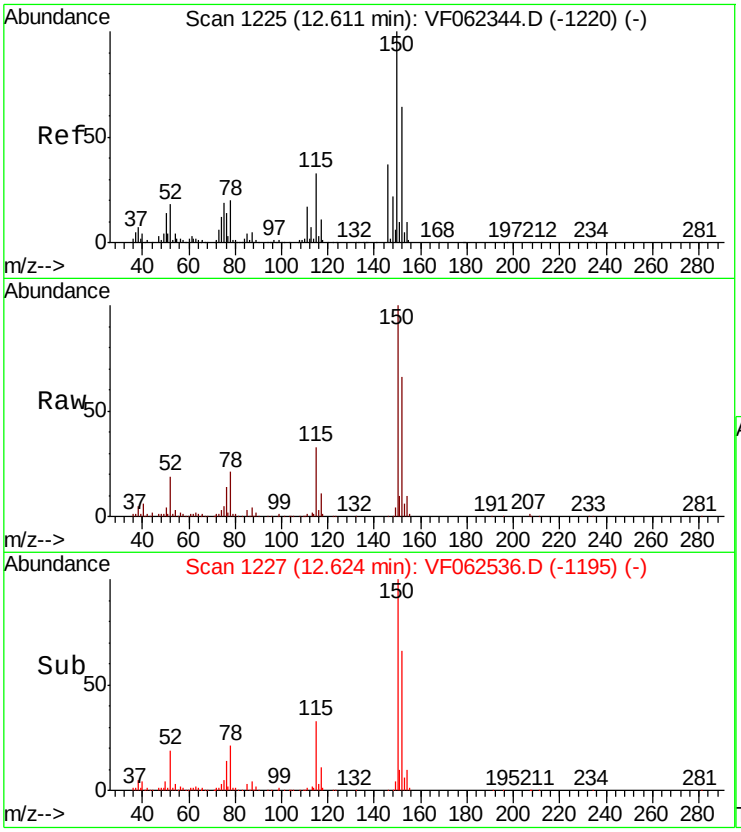


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Tgt Ion:117 Resp: 215192

Ion	Ratio	Lower	Upper
117	100		
82	58.2	42.2	63.2
119	33.8	25.0	37.4



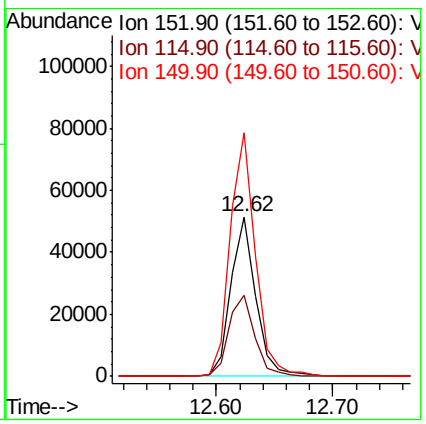


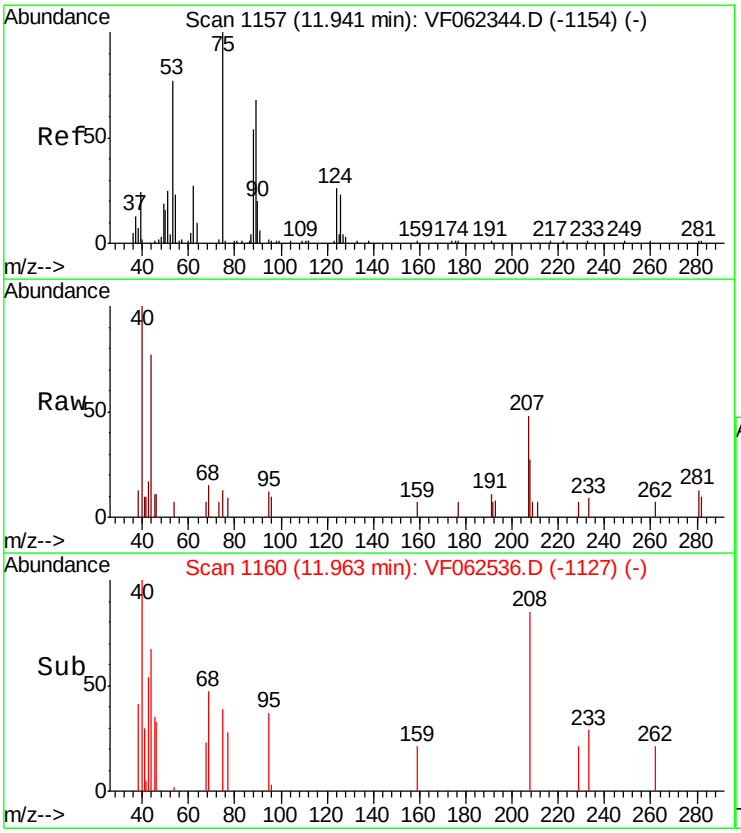
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Instrument :
MSVOA_F
ClientSampleId :
P026-SS014-0206-01RE

Tgt Ion:152 Resp: 76427

Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.4	79.2
150	155.1	0.0	335.0





#81
trans-1,4-Dichloro-2-butene
Concen: 1.769 ug/l
RT: 11.96 min Scan# 1160
Delta R.T. 0.02 min
Lab File: VF062536.D
Acq: 13 May 2019 8:03

Tgt Ion: 75 Resp: 360

Ion	Ratio	Lower	Upper
75	100		
53	23.6	71.9	107.9#
89	0.0	0.0	0.0