Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF042219\
Data File : VF062254.D
Acq On : 22 Apr 2019 19:41
Operator : FY/SY
Sample : K2465-01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : Q-COMP-4.18.19

Quant Time: Apr 23 01:09:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	297104	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.78	114	414584	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	297476	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	149576	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	129716	47.61	ug/l	0.02
Spiked Amount 50.000			Recovery = 95.22%			
35) Dibromofluoromethane	4.31	113	183287	50.54	ug/l	0.01
Spiked Amount 50.000			Recovery = 101.08%			
50) Toluene-d8	7.71	98	357030	38.89	ug/l	0.01
Spiked Amount 50.000			Recovery = 77.78%			
62) 4-Bromofluorobenzene	11.50	95	149627	42.37	ug/l	0.01
Spiked Amount 50.000			Recovery = 84.74%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.74	59	381	2.012	ug/l #	1
13) Acrolein	2.12	56	979	Below Cal #		14
15) Acrylonitrile	3.09	53	969	1.680	ug/l #	39
16) Acetone	2.36	43	5315	8.162	ug/l #	64
18) Methyl Acetate	2.50	43	6428	Below Cal #		59
20) Methylene Chloride	2.29	84	7420	Below Cal #		81
25) 2-Butanone	4.54	43	1783	1.369	ug/l	97
29) Tetrahydrofuran	4.29	42	1500	2.545	ug/l #	44
49) 1,4-Dioxane	6.90	88	80	4.303	ug/l #	1
51) 4-Methyl-2-Pentanone	8.41	43	2818	1.536	ug/l #	72
59) 2-Hexanone	9.62	43	2566	2.378	ug/l	97
74) N-amyl acetate	11.47	43	2301	Below Cal #		48
89) n-Butylbenzene	12.90	91	1945	Below Cal		79

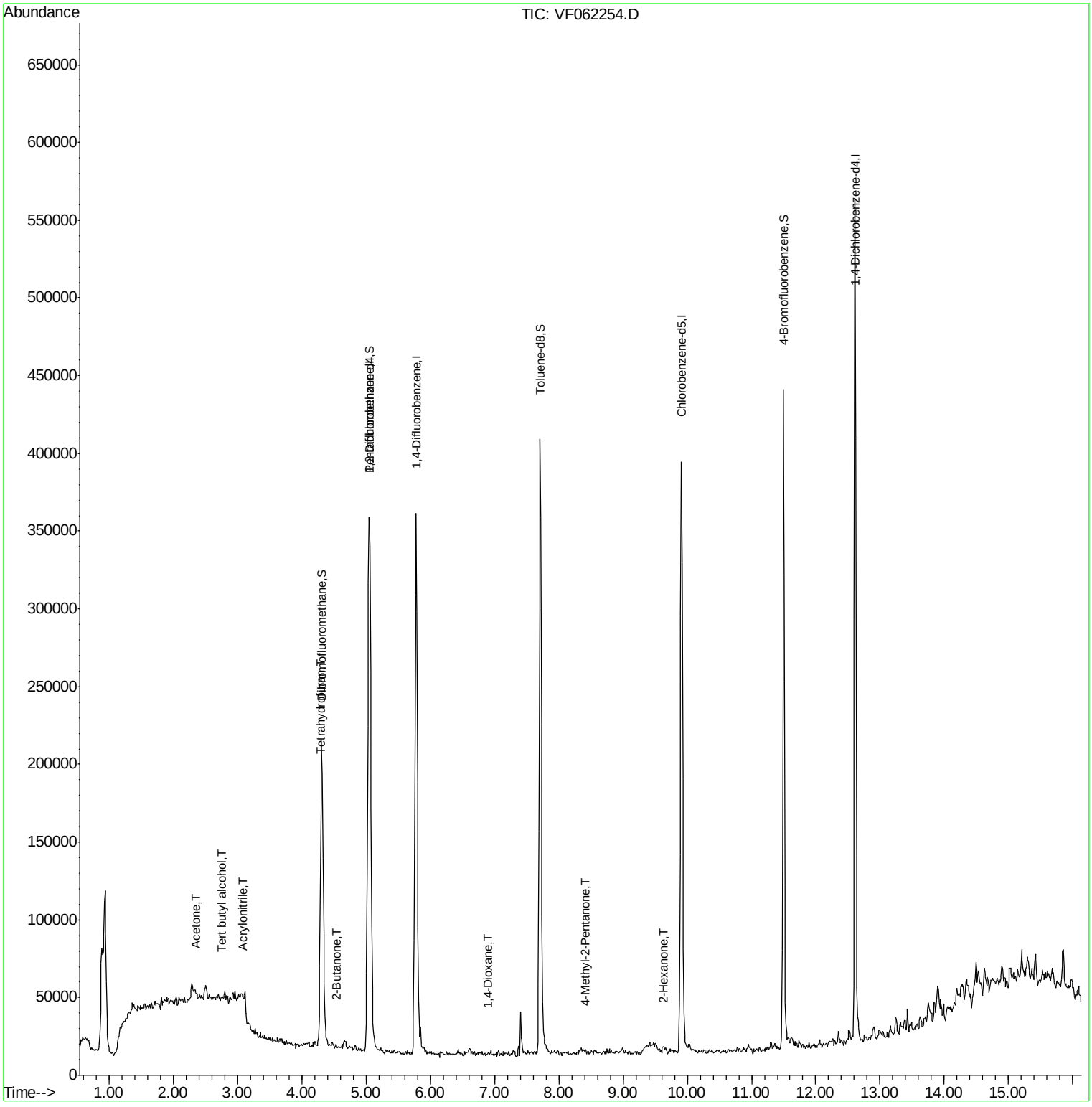
(#) = qualifier out of range (m) = manual integration (+) = signals summed

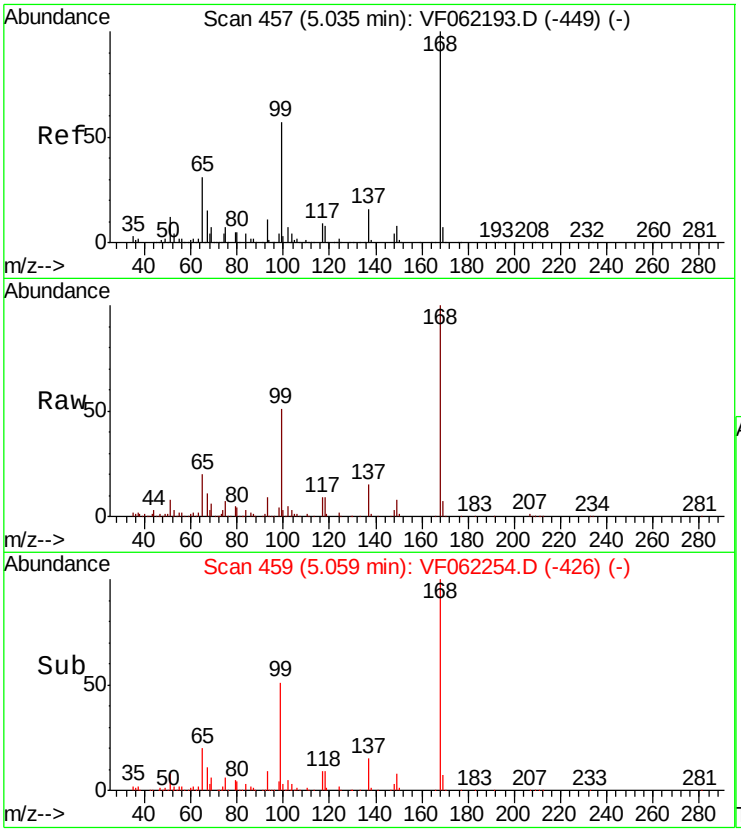
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042219\
Data File : VF062254.D
Acq On : 22 Apr 2019 19:41
Operator : FY/SY
Sample : K2465-01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : Q-COMP-4.18.19

Quant Time: Apr 23 01:09:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration



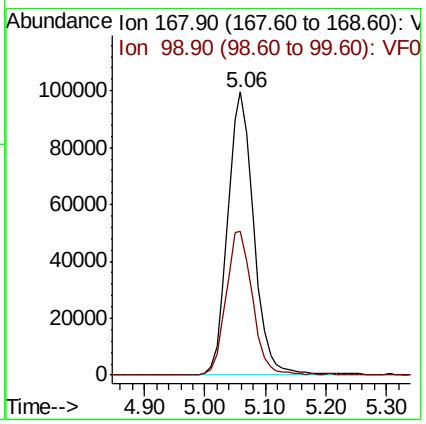


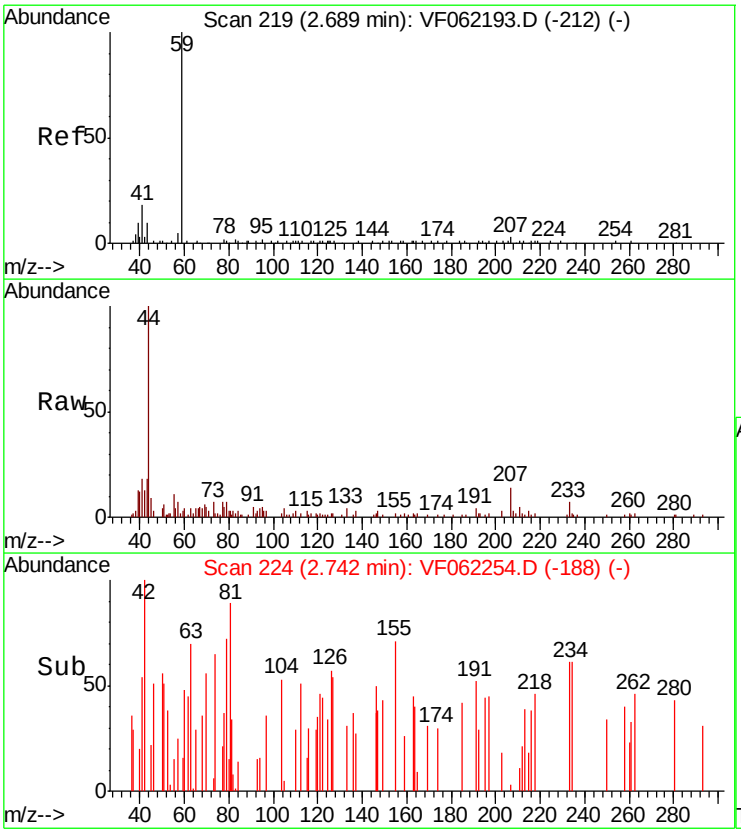
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.02 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Instrument :
MSVOA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion:168 Resp: 297104

Ion	Ratio	Lower	Upper
168	100		
99	50.8	45.5	68.3

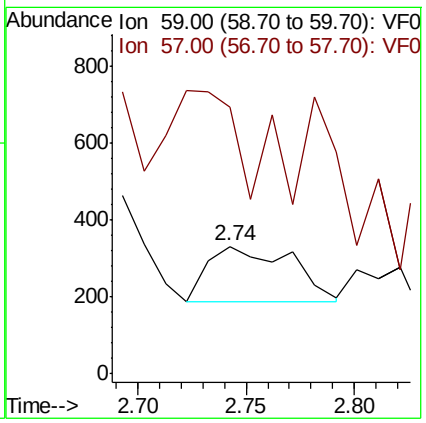


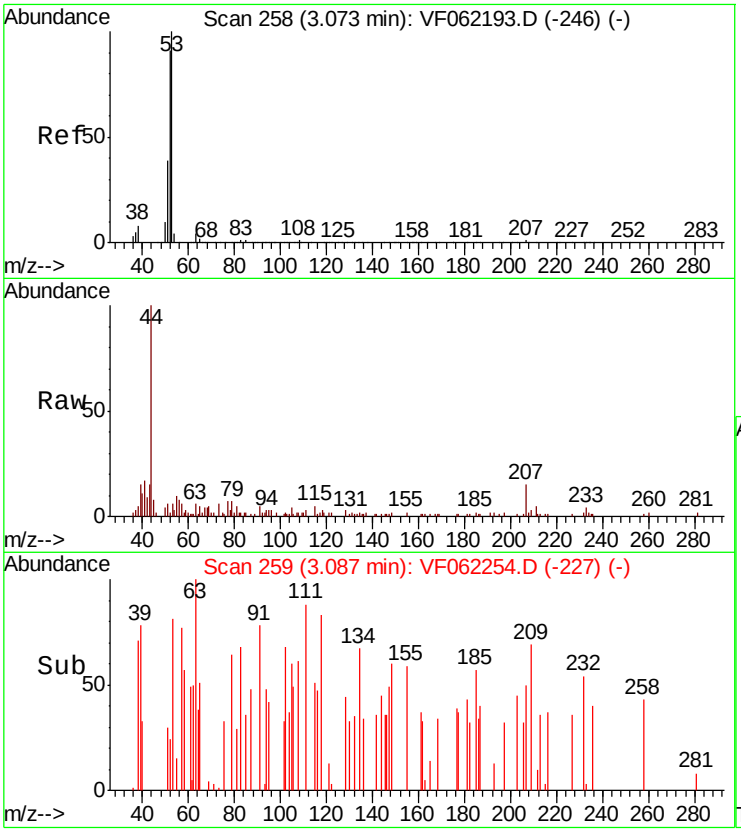


#11
Tert butyl alcohol
Concen: 2.012 ug/l
RT: 2.74 min Scan# 224
Delta R.T. 0.05 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Tgt Ion: 59 Resp: 381

Ion	Ratio	Lower	Upper
59	100		
57	374.8	9.3	13.9#



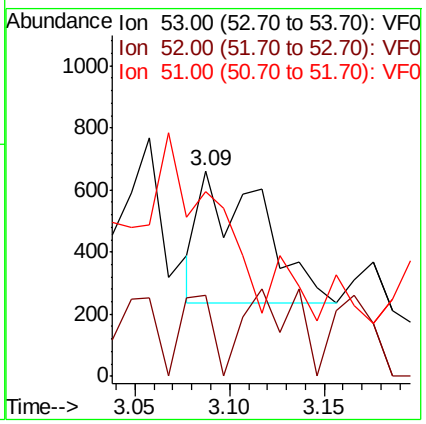


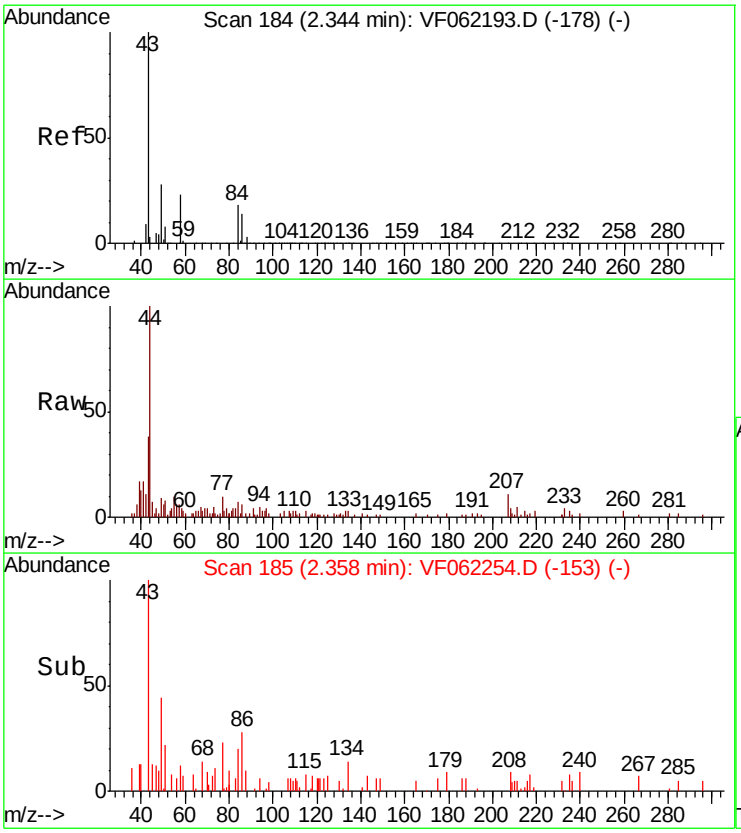
#15
Acrylonitrile
Concen: 1.680 ug/l
RT: 3.09 min Scan# 259
Delta R.T. 0.01 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Instrument : MSVOA_F
ClientSampleId : Q-COMP-4.18.19

Tgt Ion: 53 Resp: 969

Ion	Ratio	Lower	Upper
53	100		
52	31.5	69.5	104.3#
51	0.0	31.8	47.8#

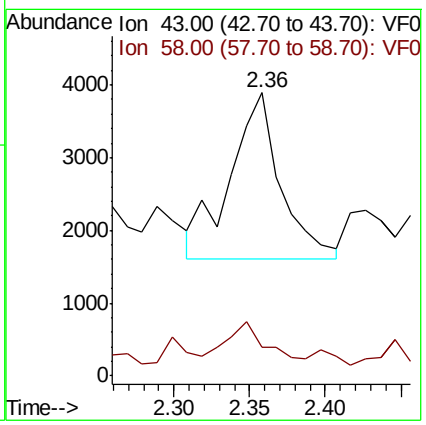


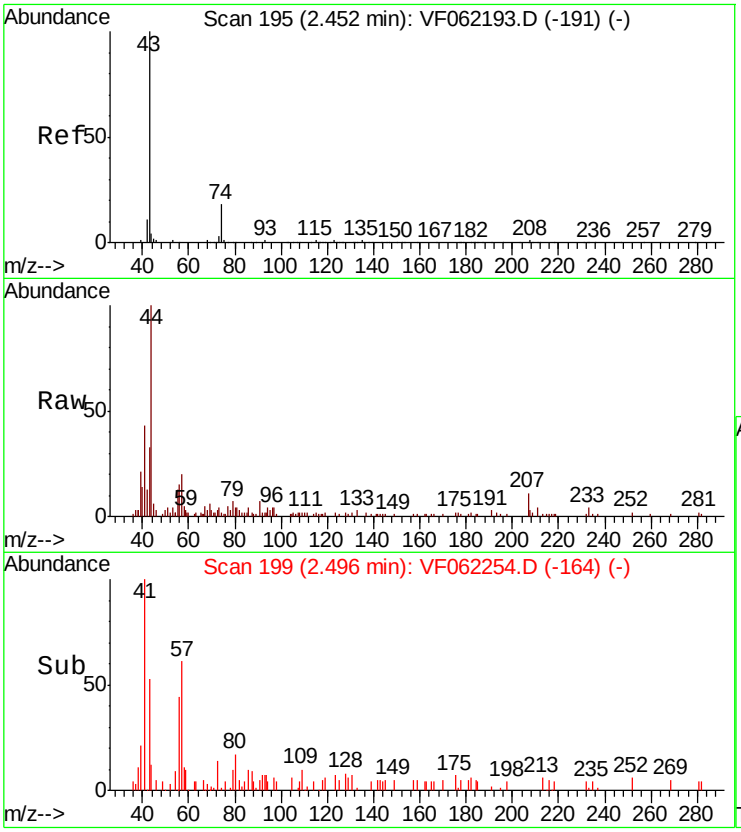


#16
Acetone
Concen: 8.162 ug/l
RT: 2.36 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Tgt Ion: 43 Resp: 5315

Ion	Ratio	Lower	Upper
43	100		
58	5.8	18.8	28.2#



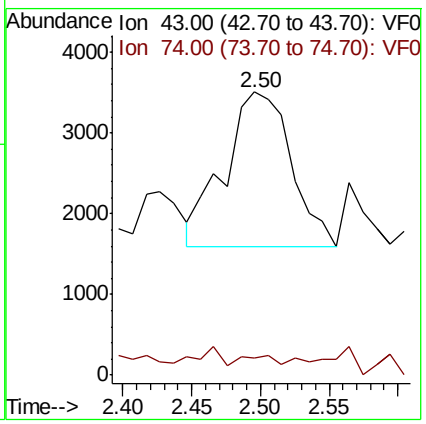


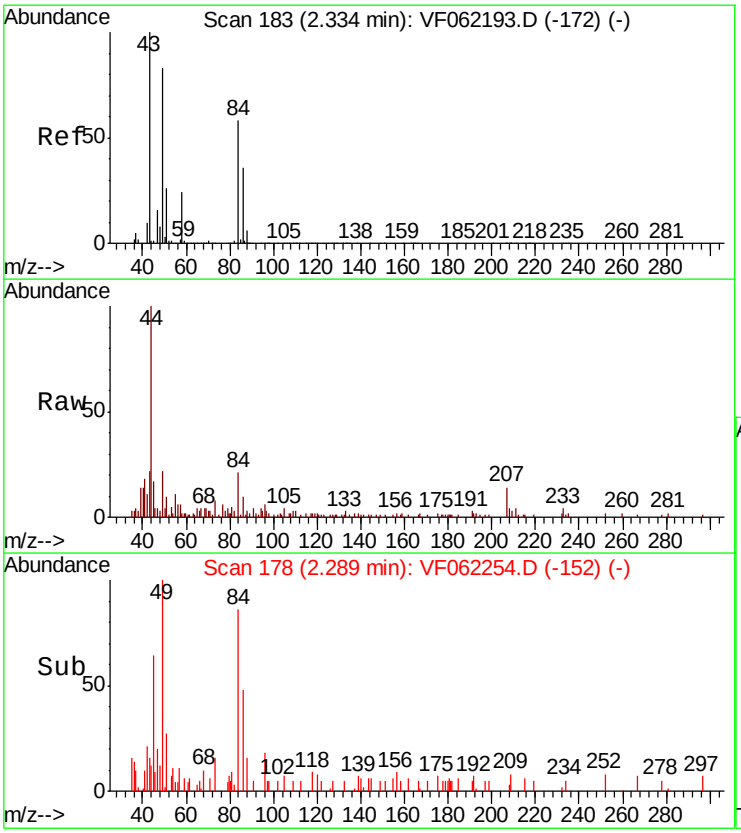
#18
Methyl Acetate
Concen: Below Cal
RT: 2.50 min Scan# 199
Delta R.T. 0.04 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Instrument : MSVOA_F
ClientSampleId : Q-COMP-4.18.19

Tgt Ion: 43 Resp: 6428

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.5	21.7#

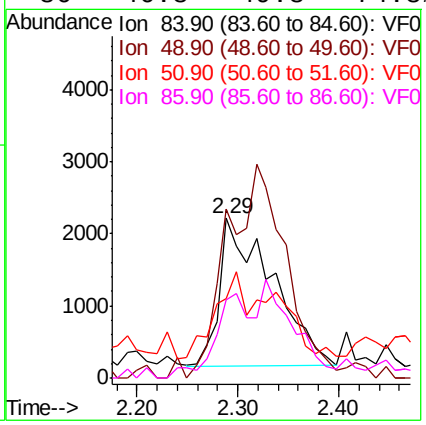


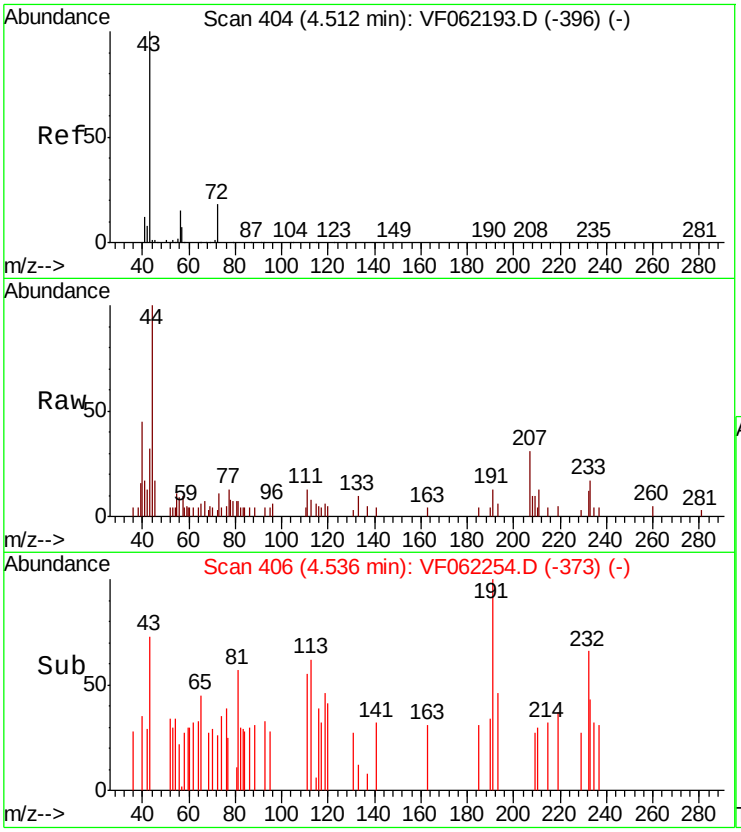


#20
Methylene Chloride
Concen: Below Cal
RT: 2.29 min Scan# 178
Delta R.T. -0.04 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Tgt Ion: 84 Resp: 7420

Ion	Ratio	Lower	Upper
84	100		
49	115.2	114.0	171.0
51	39.8	37.0	55.4
86	46.8	49.8	74.8#



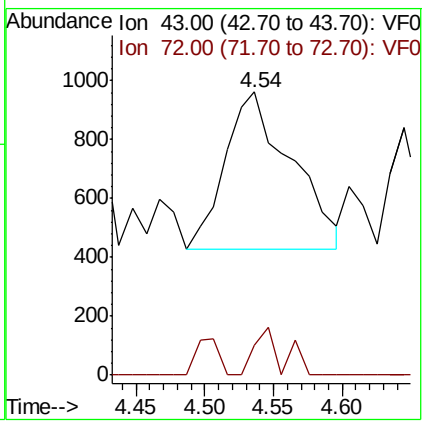


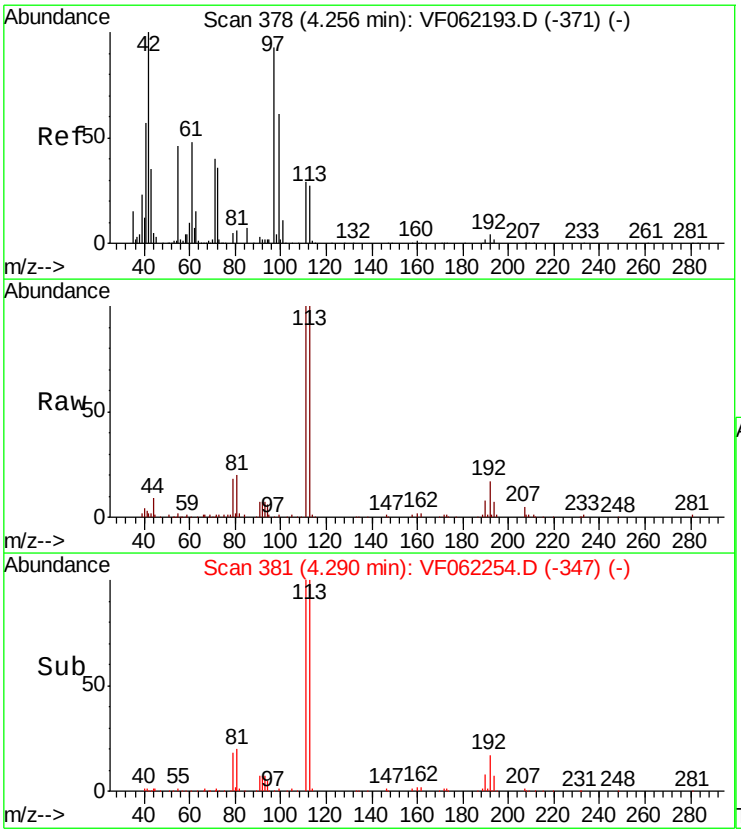
#25
2-Butanone
Concen: 1.369 ug/l
RT: 4.54 min Scan# 406
Delta R.T. 0.02 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Instrument :
MSVOA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion: 43 Resp: 1783

Ion	Ratio	Lower	Upper
43	100		
72	18.9	16.1	24.1

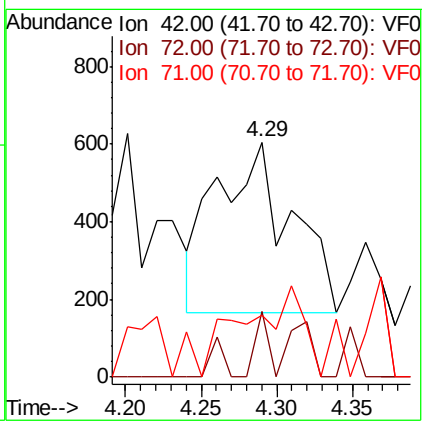


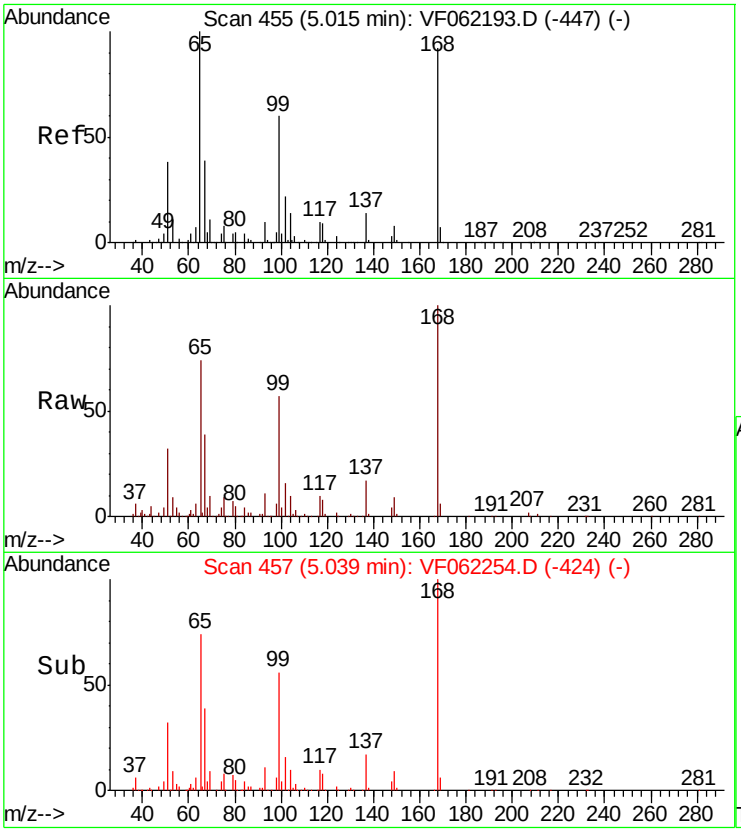


#29
Tetrahydrofuran
Concen: 2.545 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.03 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Tgt Ion: 42 Resp: 1500

Ion	Ratio	Lower	Upper
42	100		
72	6.7	28.6	43.0#
71	0.0	29.2	43.8#



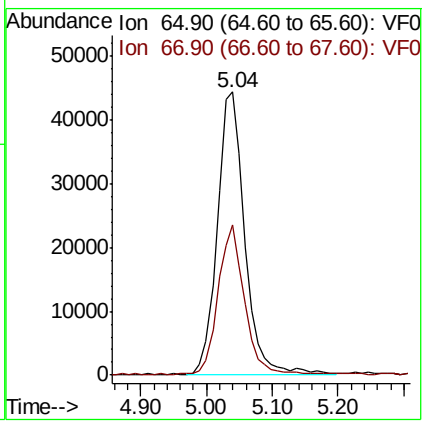


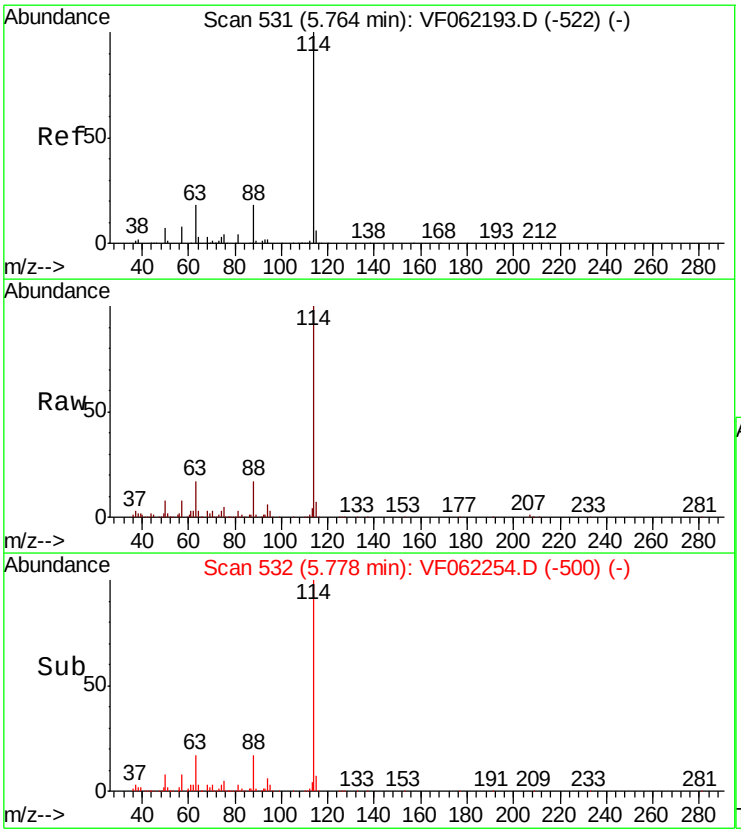
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 5.04 min Scan# 457
Delta R.T. 0.02 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Instrument :
MSVOA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion: 65 Resp: 129716

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	109.4

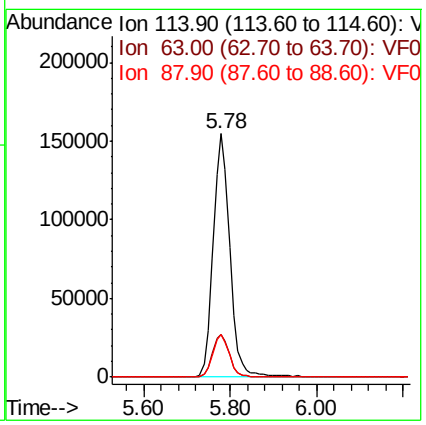


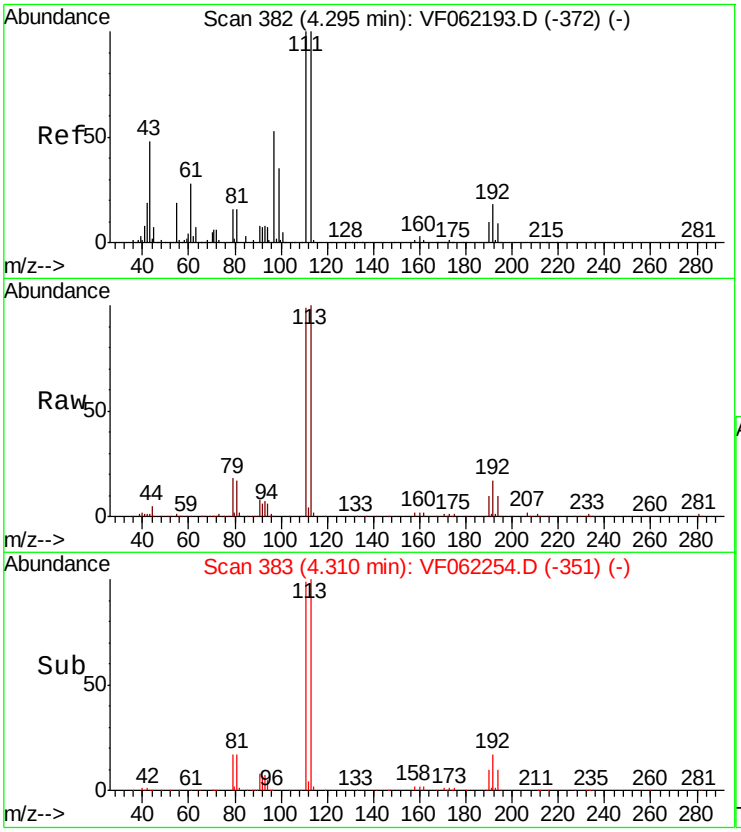


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.01 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Tgt Ion:114 Resp: 414584

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	36.6
88	17.4	0.0	35.8



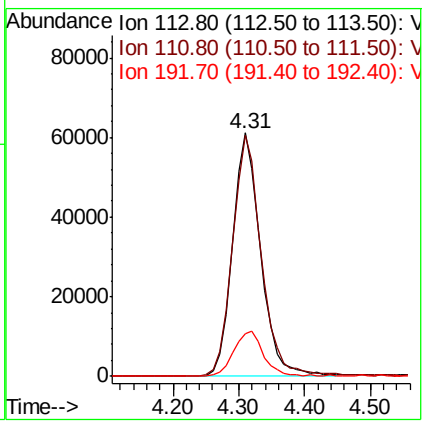


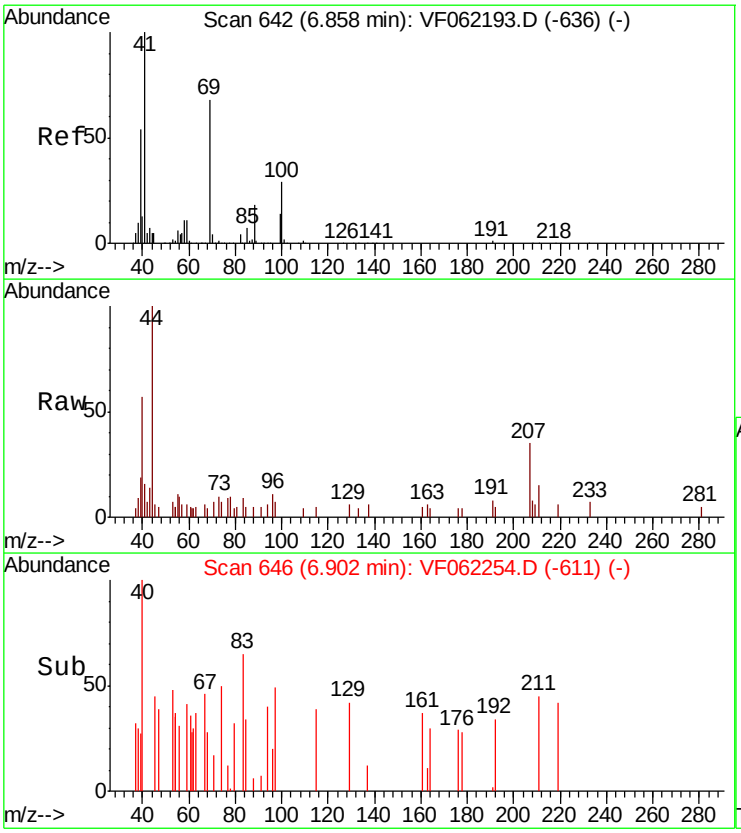
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Instrument :
MSVOA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion:113 Resp: 183287

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.1	121.7
192	19.5	14.7	22.1

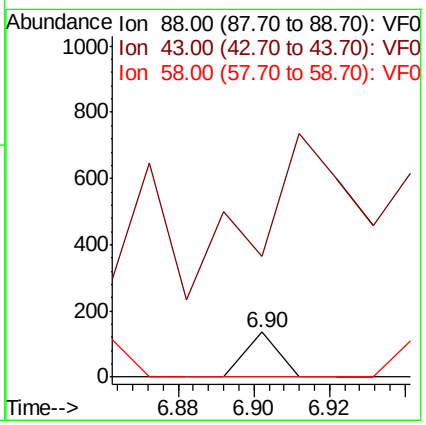


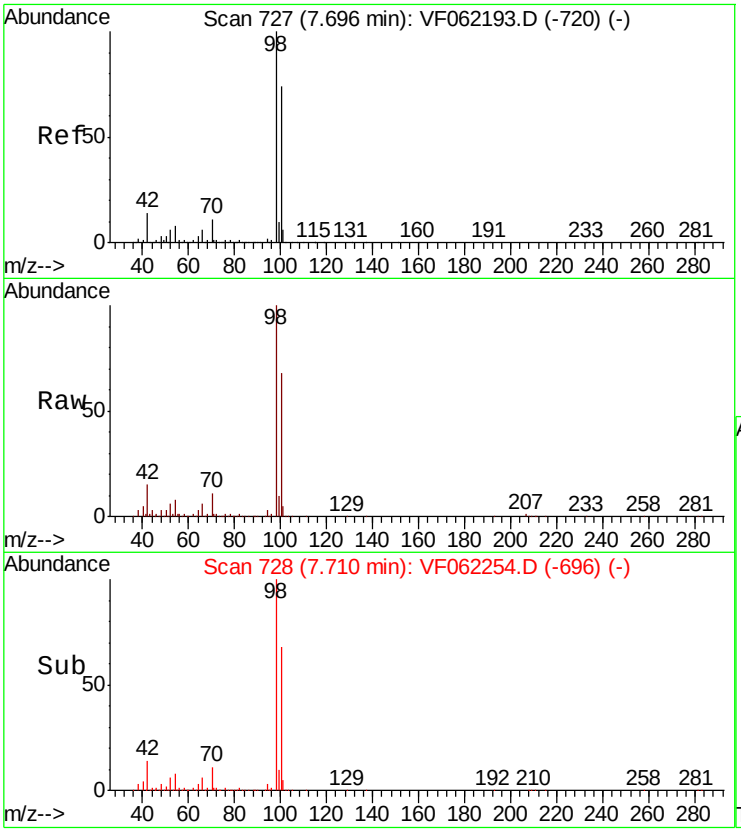


#49
1,4-Dioxane
Concen: 4.303 ug/l
RT: 6.90 min Scan# 646
Delta R.T. 0.04 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Tgt Ion: 88 Resp: 80

Ion	Ratio	Lower	Upper
88	100		
43	2420.0	36.9	55.3#
58	0.0	56.8	85.2#



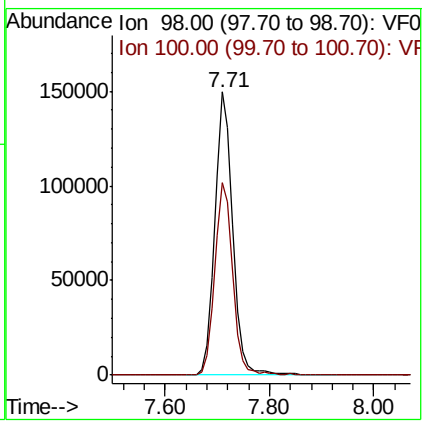


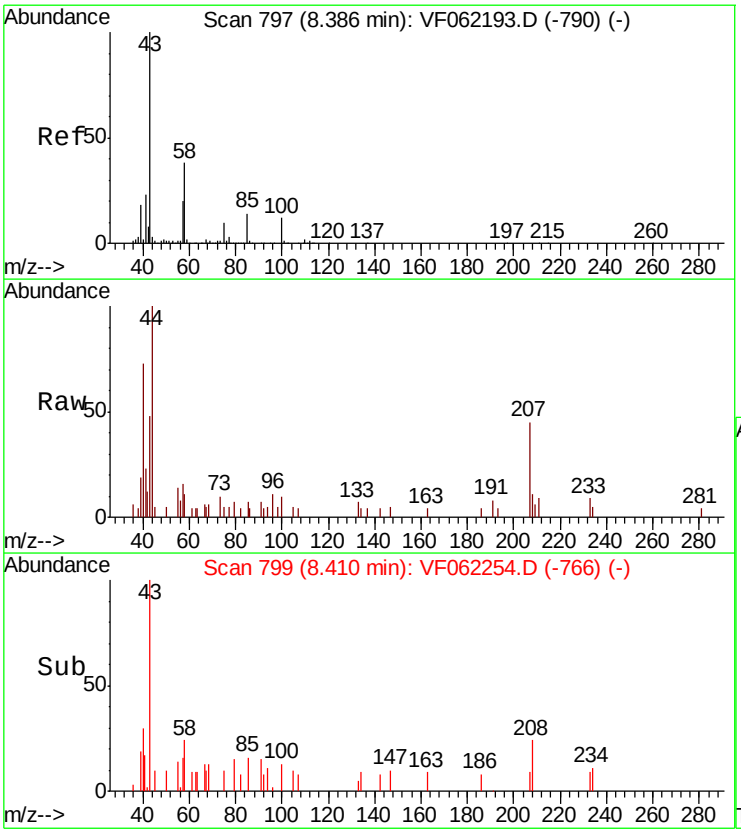
#50
Toluene-d8
Concen: 4.303 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Instrument :
MSVOA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion: 98 Resp: 357030

Ion	Ratio	Lower	Upper
98	100		
100	67.8	56.2	84.2

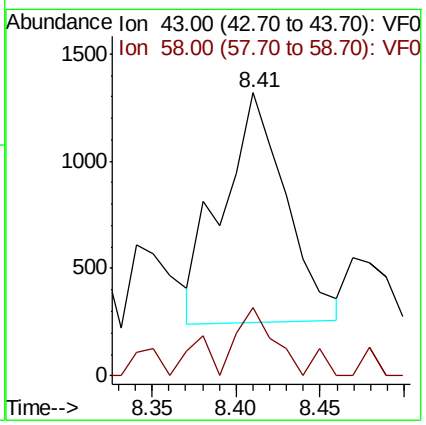


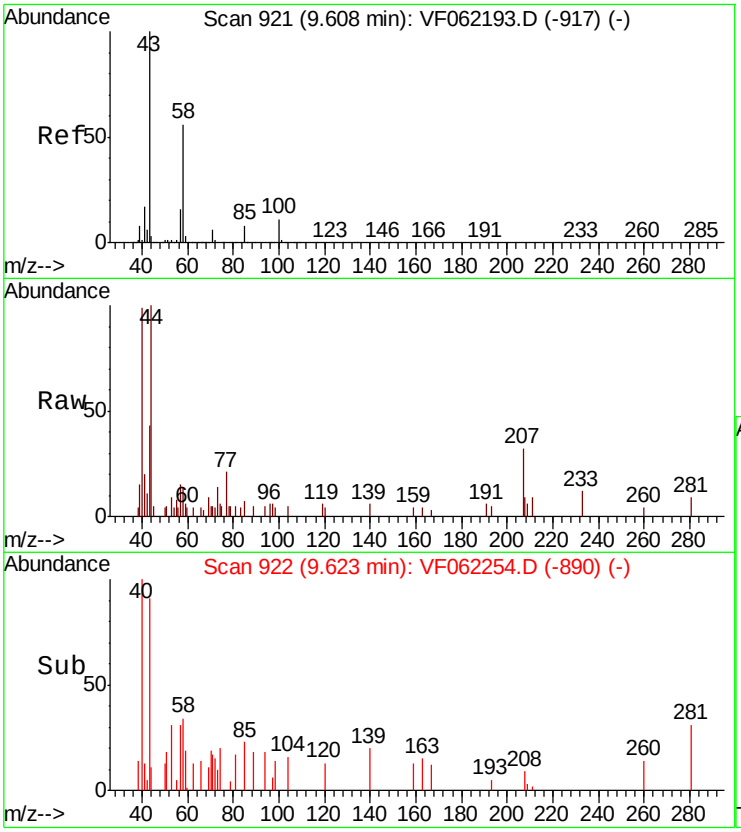


#51
4-Methyl-2-Pentanone
Concen: 1.536 ug/l
RT: 8.41 min Scan# 799
Delta R.T. 0.02 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Tgt Ion: 43 Resp: 2818

Ion	Ratio	Lower	Upper
43	100		
58	19.9	29.3	43.9#



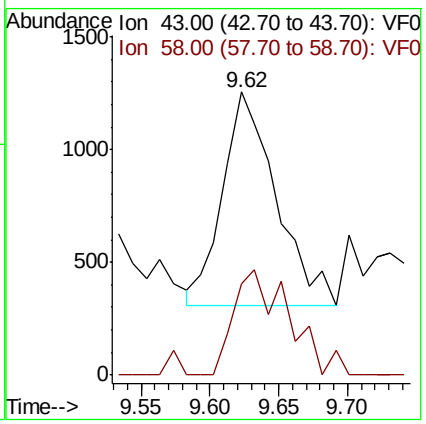


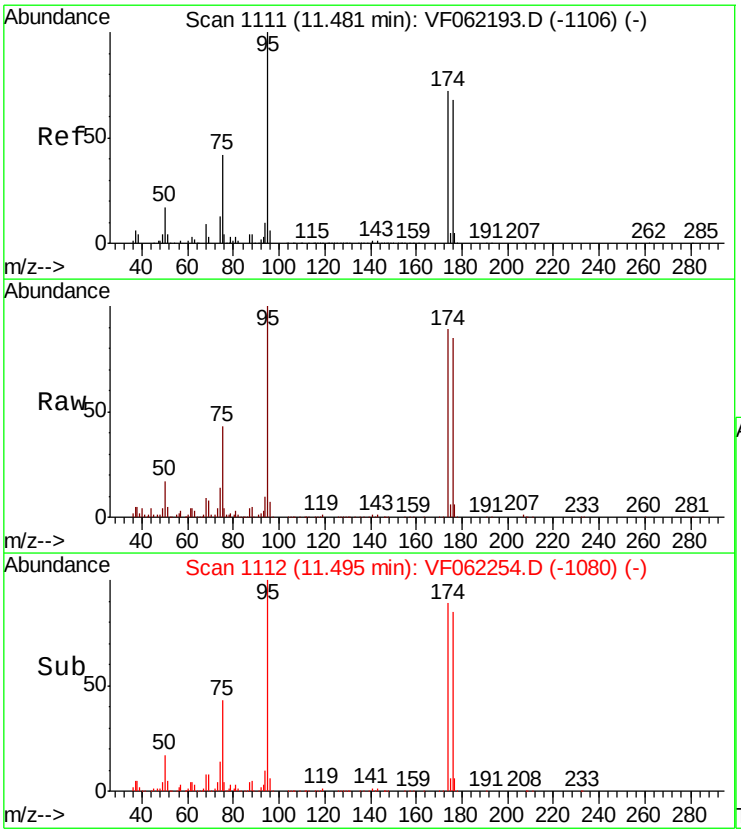
#59
2-Hexanone
Concen: 2.378 ug/l
RT: 9.62 min Scan# 922
Delta R.T. 0.01 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Instrument :
MSVOA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion: 43 Resp: 2566

Ion	Ratio	Lower	Upper
43	100		
58	51.0	24.6	74.0

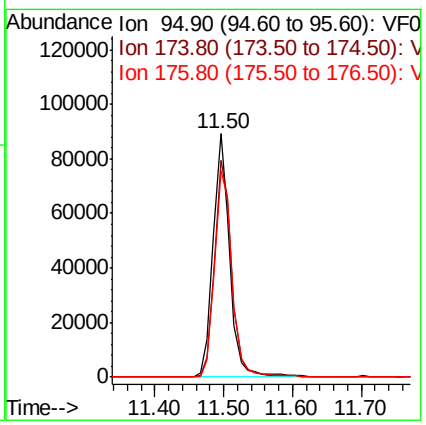


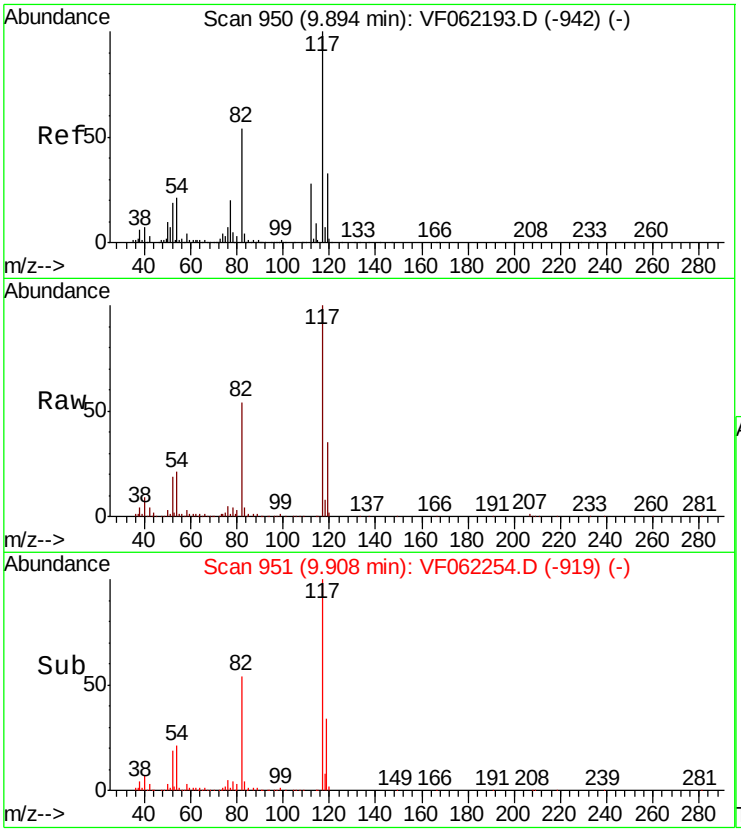


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 11.50 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Tgt Ion: 95 Resp: 149627

Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	159.4
176	89.2	0.0	155.4



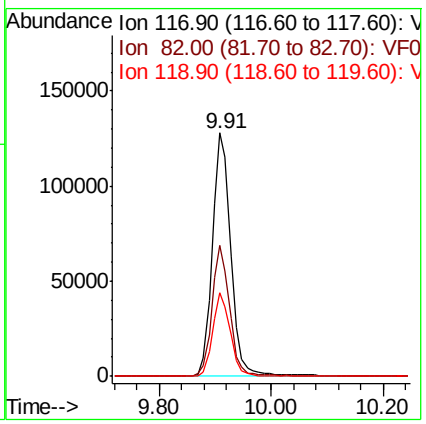


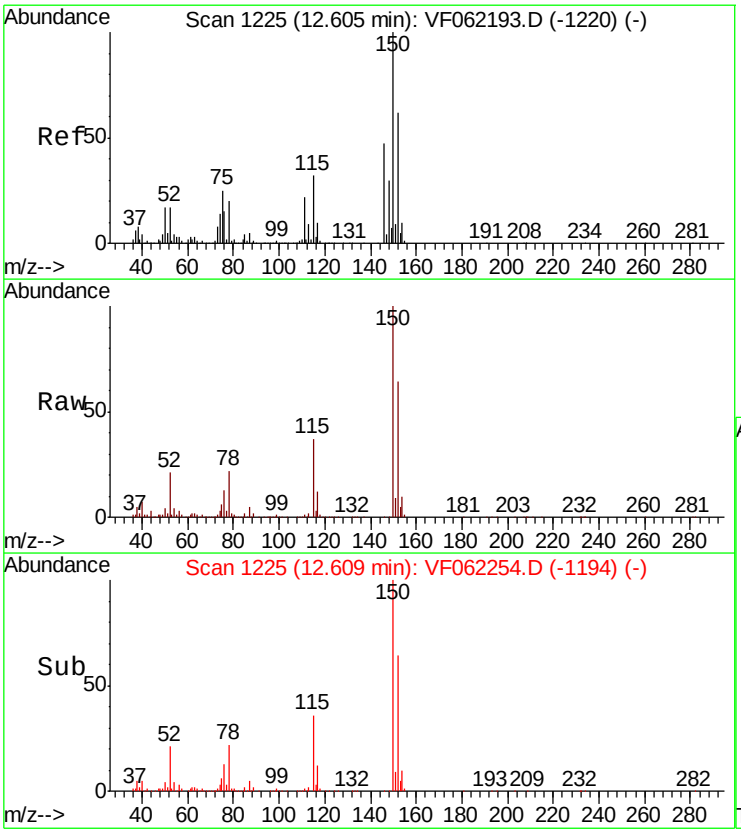
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. 0.01 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Instrument :
MSVOA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion:117 Resp: 297476

Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.2	64.8
119	34.6	26.2	39.4

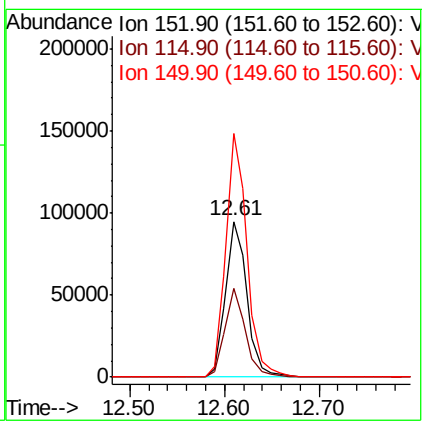


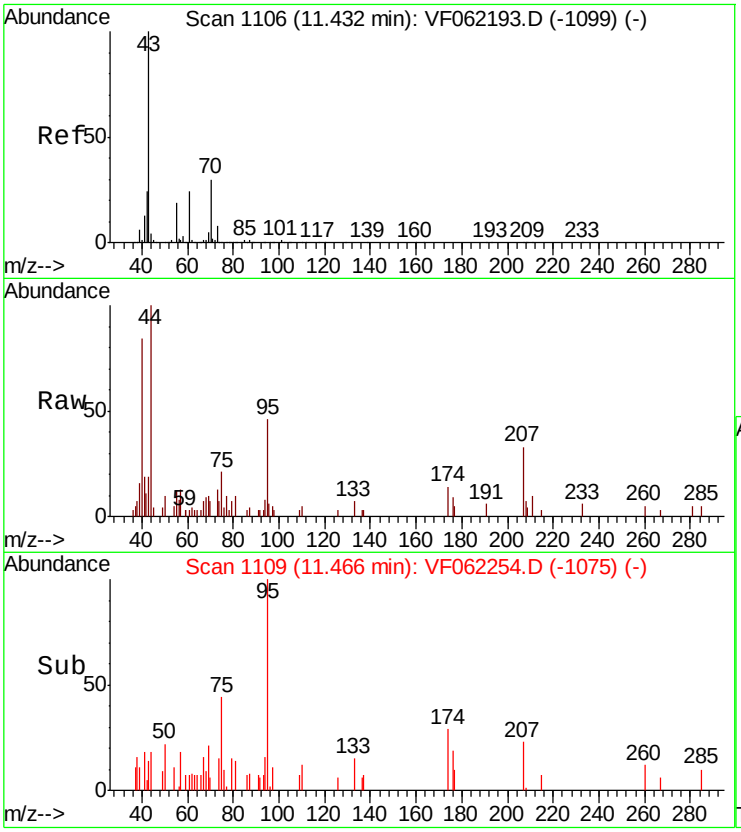


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Tgt Ion:152 Resp: 149576

Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.8	83.3
150	154.5	0.0	341.8



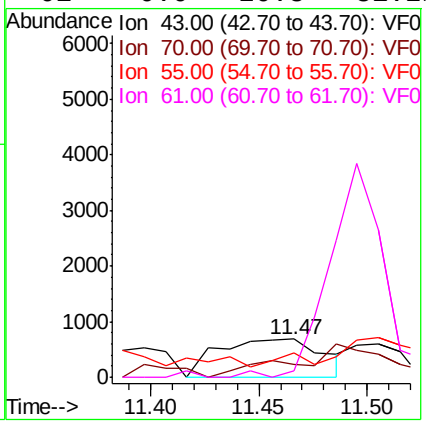


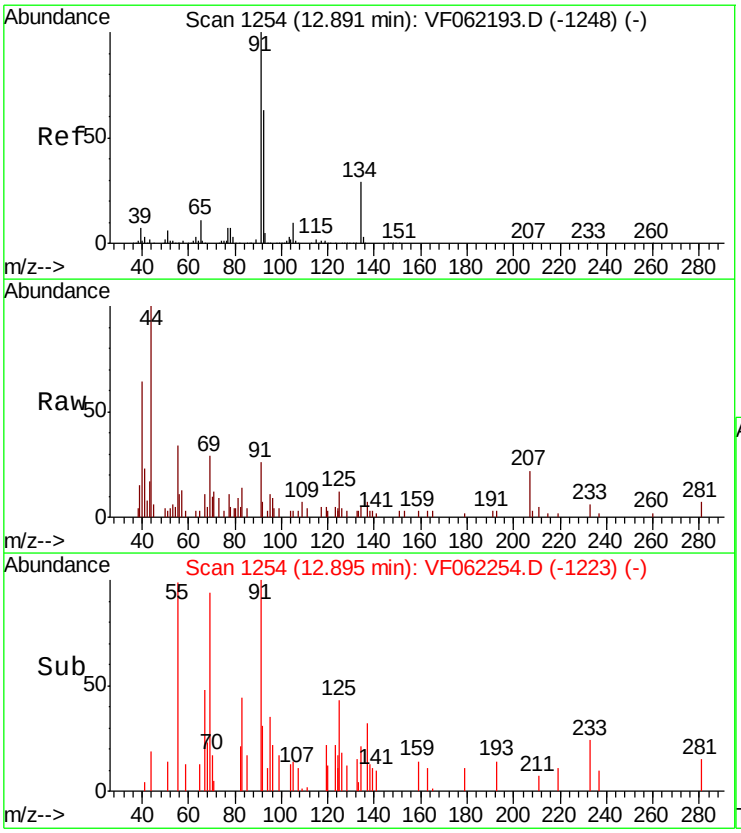
#74
N-amyl acetate
Concen: Below Cal
RT: 11.47 min Scan# 1109
Delta R.T. 0.03 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Instrument :
MSVOA_F
ClientSampleId :
Q-COMP-4.18.19

Tgt Ion: 43 Resp: 2301

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.0	40.4#
55	0.0	15.7	23.5#
61	0.0	20.8	31.2#





#89
n-Butylbenzene
Concen: Below Cal
RT: 12.90 min Scan# 1254
Delta R.T. 0.01 min
Lab File: VF062254.D
Acq: 22 Apr 2019 19:41

Tgt Ion: 91 Resp: 1945

Ion	Ratio	Lower	Upper
91	100		
92	42.3	31.2	93.6
134	31.5	13.1	39.1