Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF041619\
Data File : VF062176.D
Acq On : 16 Apr 2019 15:11
Operator : FY/SY
Sample : VF0416SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0416SBL01

Quant Time: Apr 17 08:05:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 07:56:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	440191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	657039	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	522711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	300955	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	195116	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.44%			
35) Dibromofluoromethane	4.31	113	272104	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.00%			
50) Toluene-d8	7.72	98	693234	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.54%			
62) 4-Bromofluorobenzene	11.50	95	288375	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.42%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.65	59	605	2.754	ug/l #	1
13) Acrolein	2.12	56	3044	17.587	ug/l #	1
15) Acrylonitrile	3.09	53	3792	4.645	ug/l #	76
16) Acetone	2.34	43	7324	8.195	ug/l #	76
18) Methyl Acetate	2.50	43	6524	Below Cal #		71
20) Methylene Chloride	2.33	84	12204	Below Cal		94
25) 2-Butanone	4.55	43	3802	1.980	ug/l #	84
29) Tetrahydrofuran	4.28	42	2333	2.732	ug/l #	87
49) 1,4-Dioxane	6.84	88	78	3.934	ug/l #	1
51) 4-Methyl-2-Pentanone	8.41	43	7558	2.524	ug/l	92
59) 2-Hexanone	9.63	43	14813	7.783	ug/l	90
74) N-amyl acetate	11.45	43	16695	Below Cal		95
89) n-Butylbenzene	12.90	91	6539	Below Cal		87
95) Naphthalene	14.50	128	22961	1.848	ug/l	96

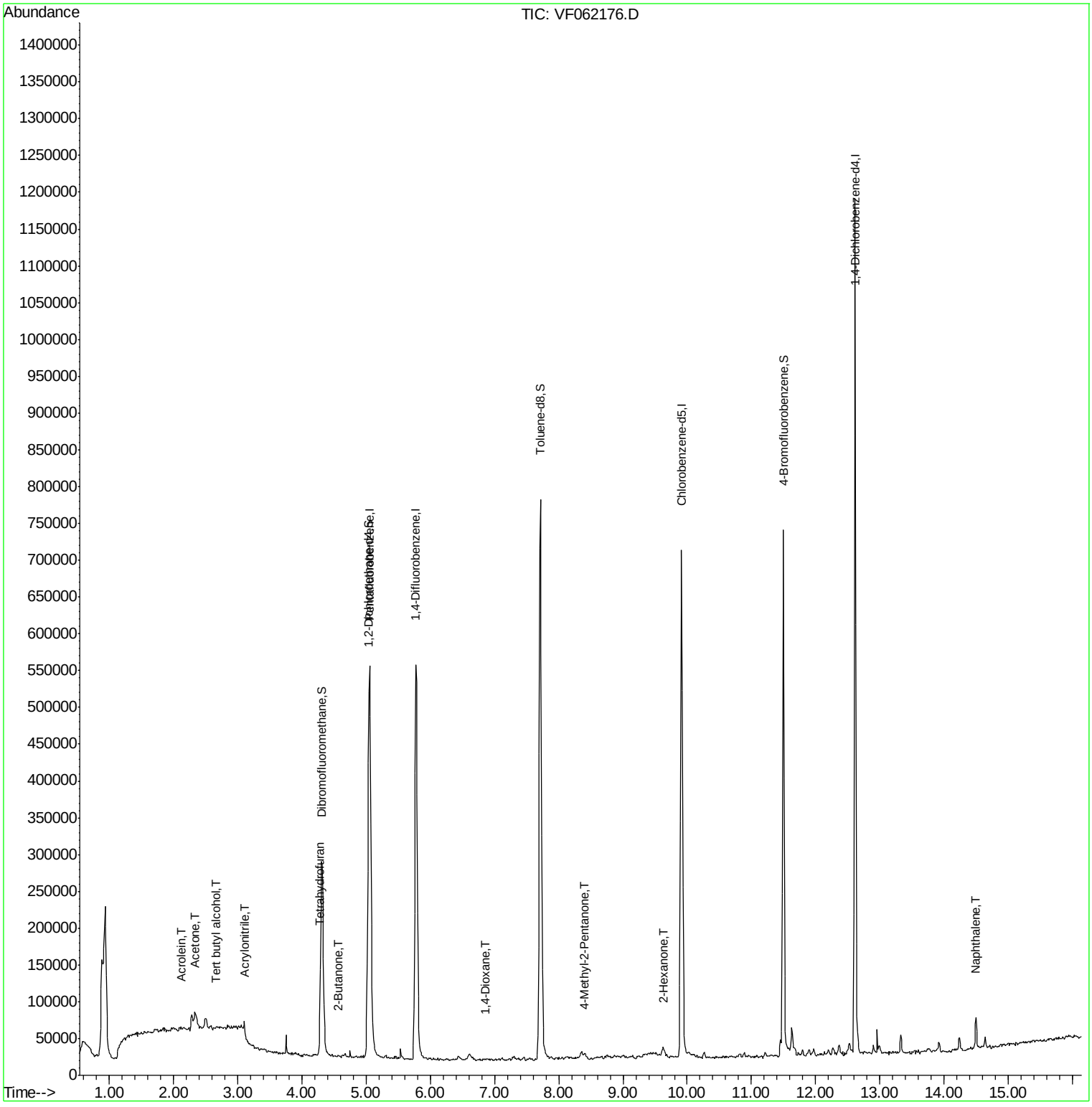
(#) = qualifier out of range (m) = manual integration (+) = signals summed

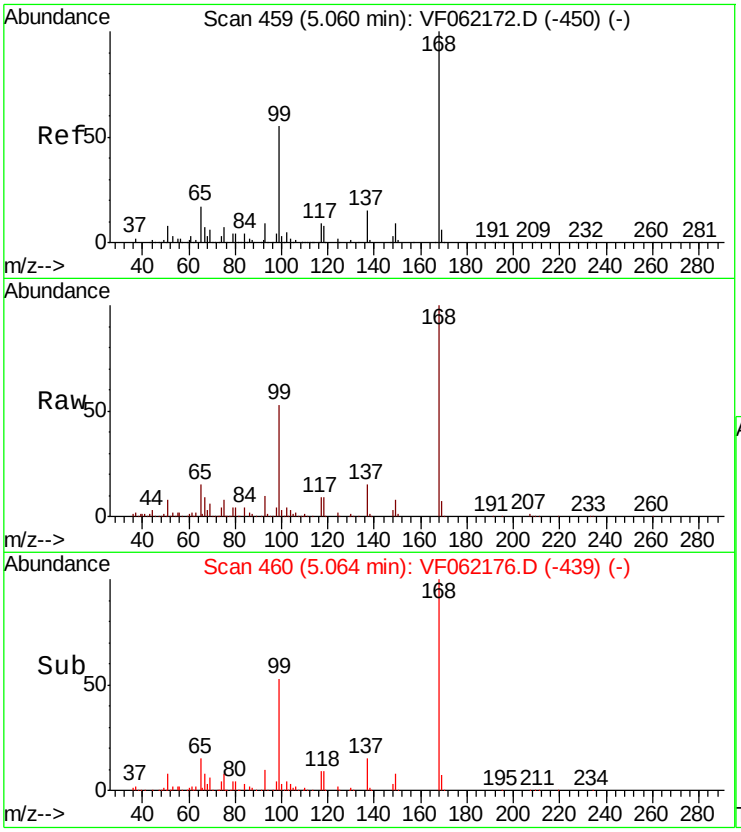
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041619\
Data File : VF062176.D
Acq On : 16 Apr 2019 15:11
Operator : FY/SY
Sample : VF0416SBL01
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0416SBL01

Quant Time: Apr 17 08:05:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 07:56:48 2019
Response via : Initial Calibration



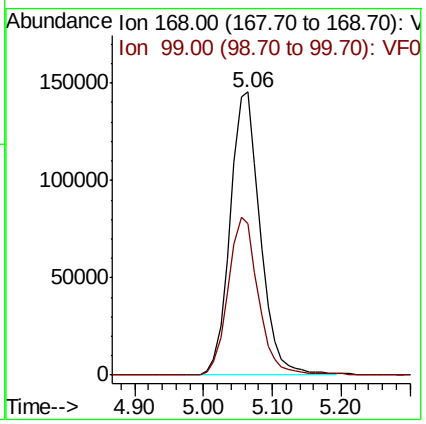


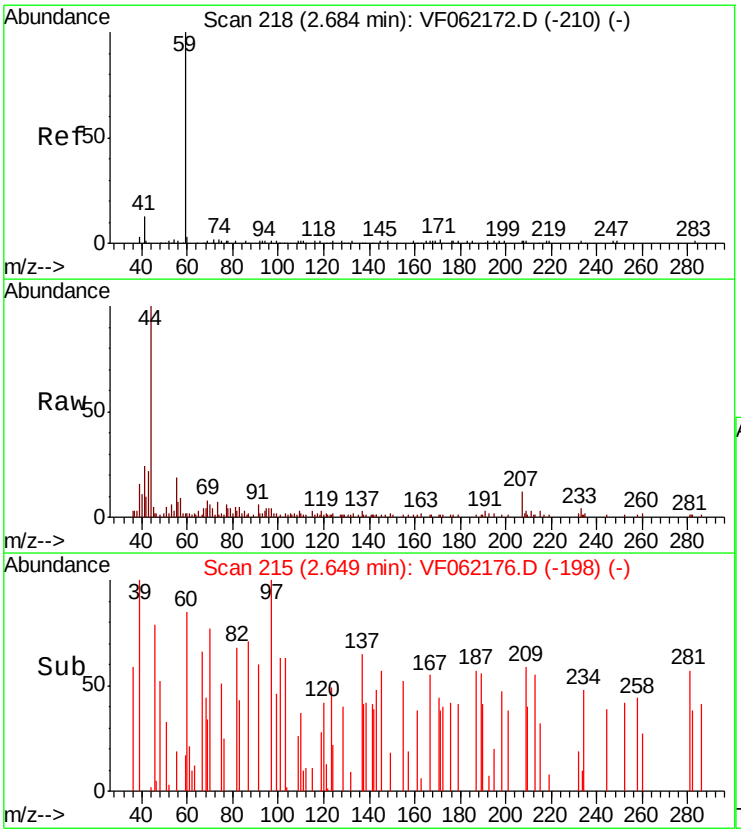
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 460
Delta R.T. 0.00 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Instrument :
MSVOA_F
ClientSampleId :
VF0416SBL01

Tgt Ion:168 Resp: 440191

Ion	Ratio	Lower	Upper
168	100		
99	53.4	44.2	66.4

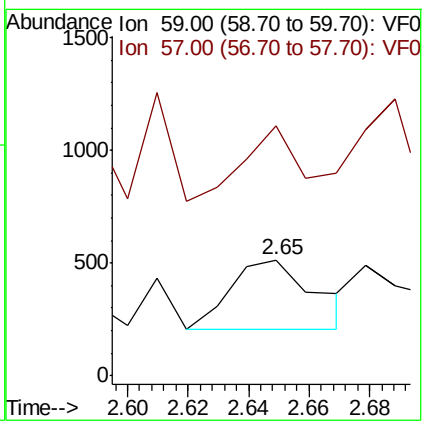


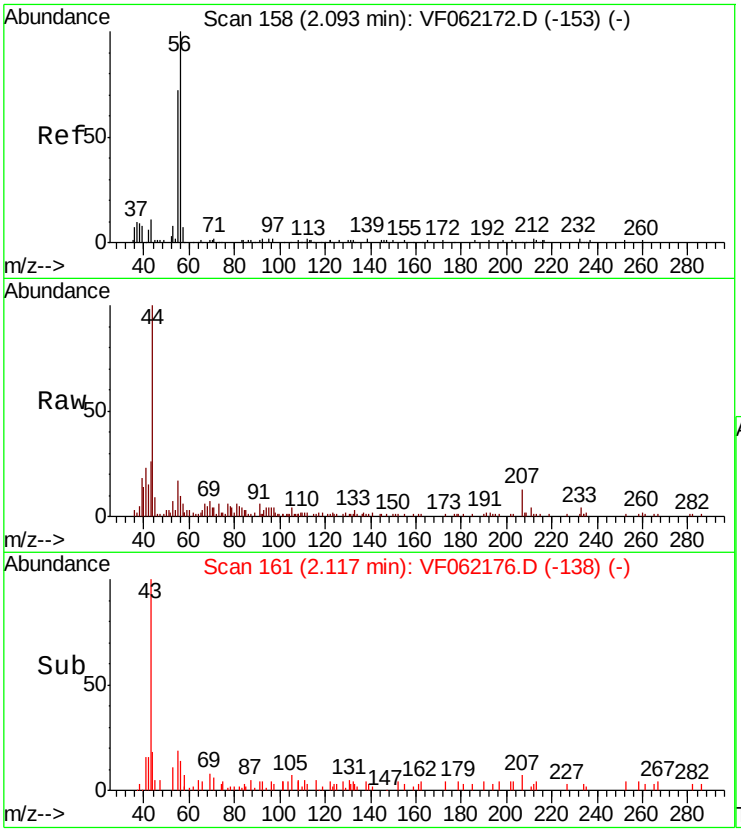


#11
Tert butyl alcohol
Concen: 2.754 ug/l
RT: 2.65 min Scan# 215
Delta R.T. -0.04 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Tgt Ion: 59 Resp: 605

Ion	Ratio	Lower	Upper
59	100		
57	214.8	14.2	21.4#



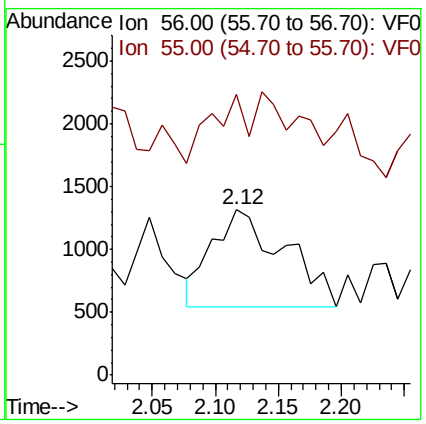


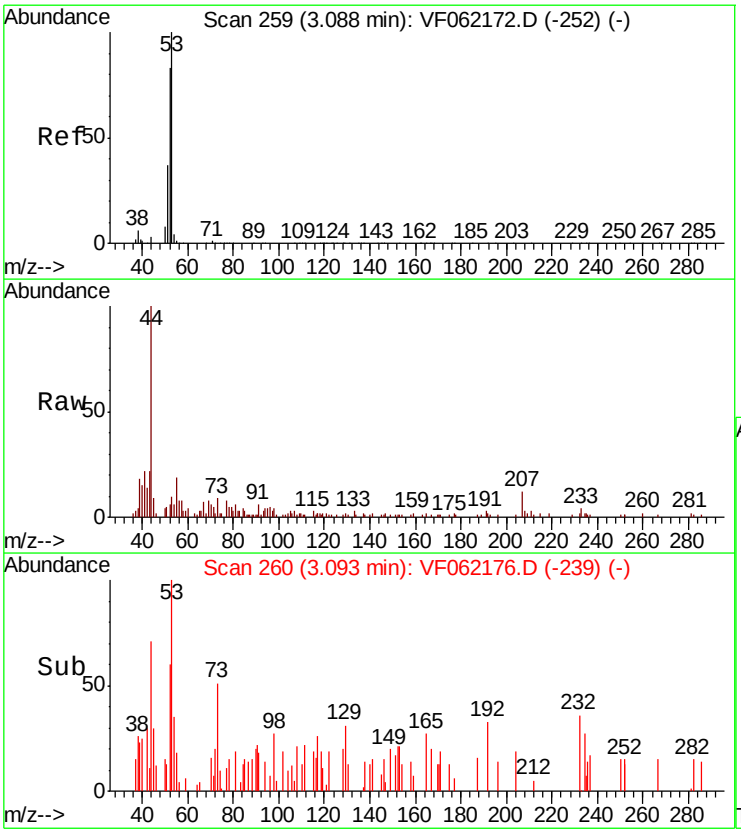
#13
Acrolein
Concen: 17.587 ug/l
RT: 2.12 min Scan# 161
Delta R.T. 0.02 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Instrument :
MSVOA_F
ClientSampleId :
VF0416SBL01

Tgt Ion: 56 Resp: 3044

Ion	Ratio	Lower	Upper
56	100		
55	169.7	62.9	94.3#

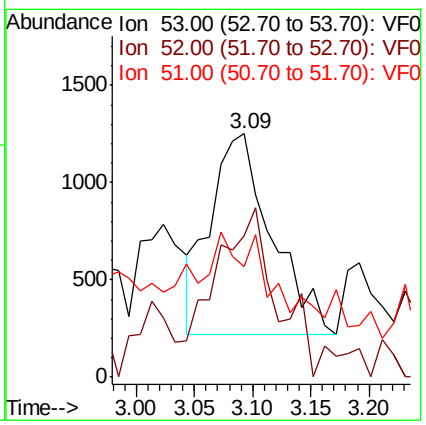


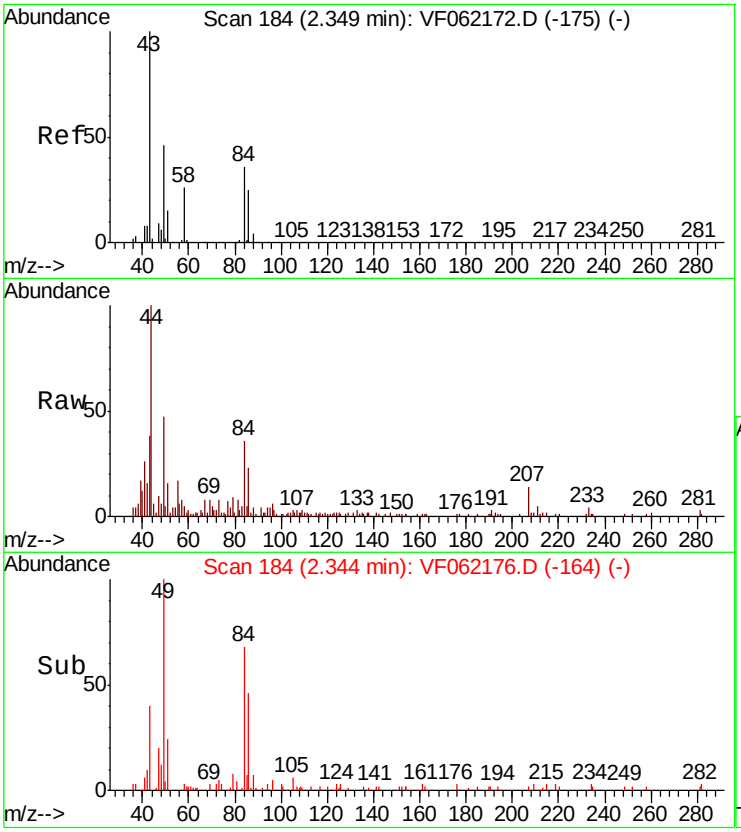


#15
Acrylonitrile
Concen: 4.645 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.00 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Tgt Ion: 53 Resp: 3792

Ion	Ratio	Lower	Upper
53	100		
52	57.7	66.6	99.8#
51	45.5	30.1	45.1#



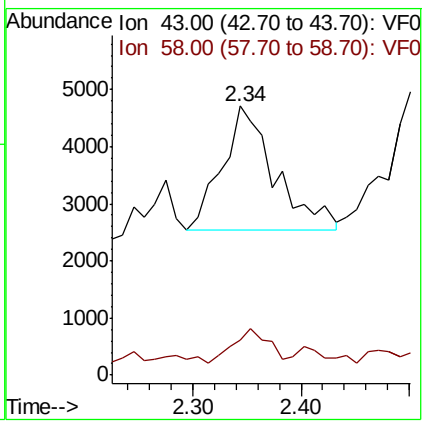


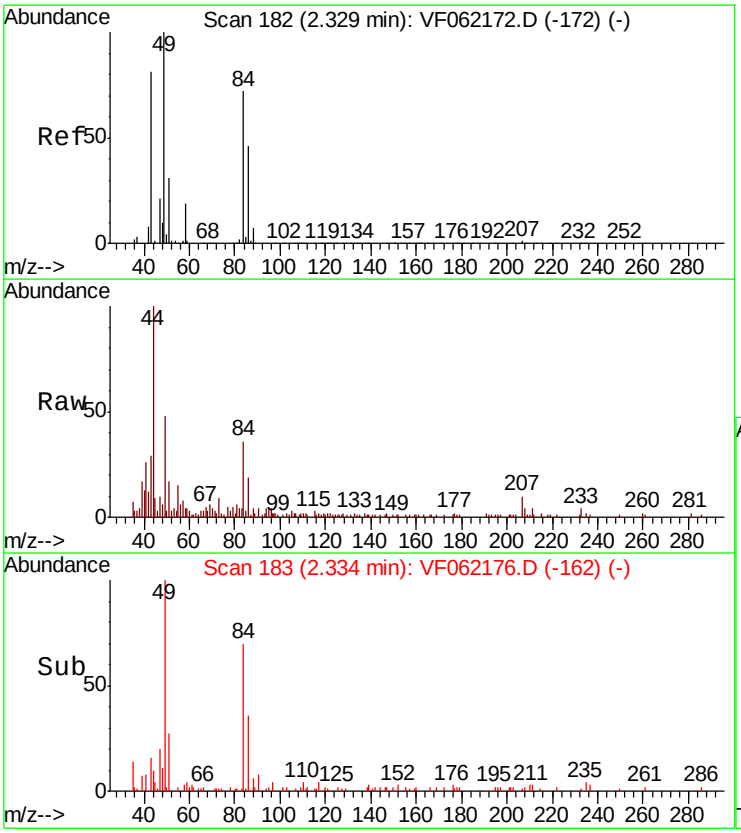
#16
Acetone
Concen: 8.195 ug/l
RT: 2.34 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Instrument :
MSVOA_F
ClientSampleId :
VF0416SBL01

Tgt Ion: 43 Resp: 7324

Ion	Ratio	Lower	Upper
43	100		
58	13.2	20.2	30.2#

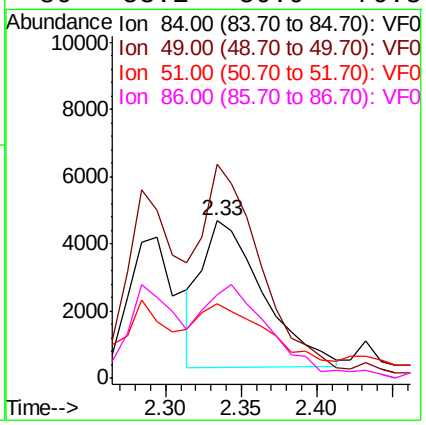


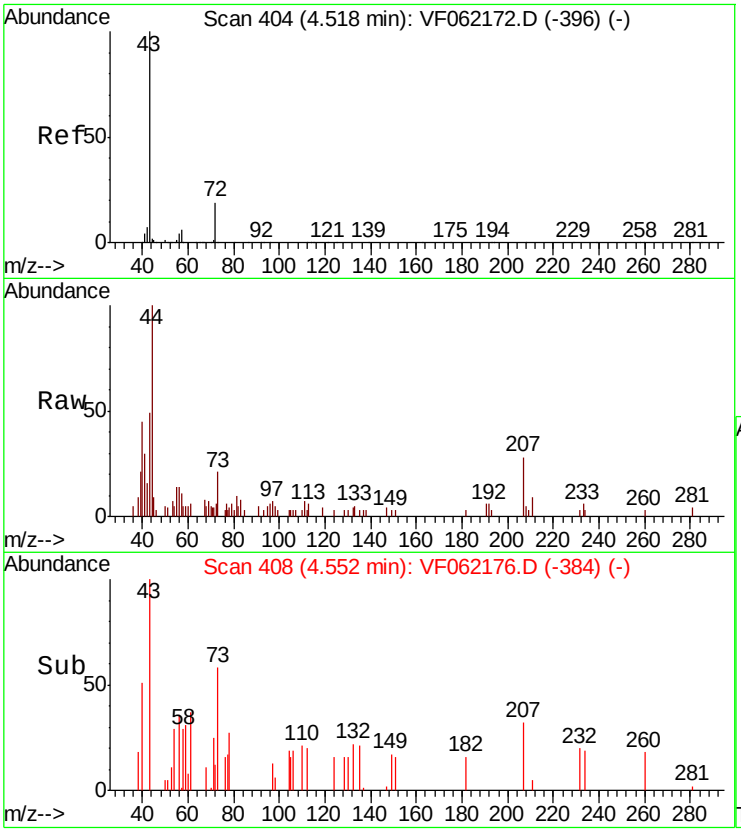


#20
Methylene Chloride
Concen: Below Cal
RT: 2.33 min Scan# 183
Delta R.T. 0.00 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Tgt Ion: 84 Resp: 12204

Ion	Ratio	Lower	Upper
84	100		
49	135.9	111.5	167.3
51	47.3	34.9	52.3
86	53.1	50.9	76.3



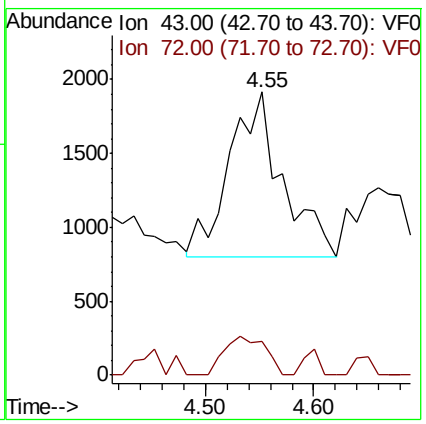


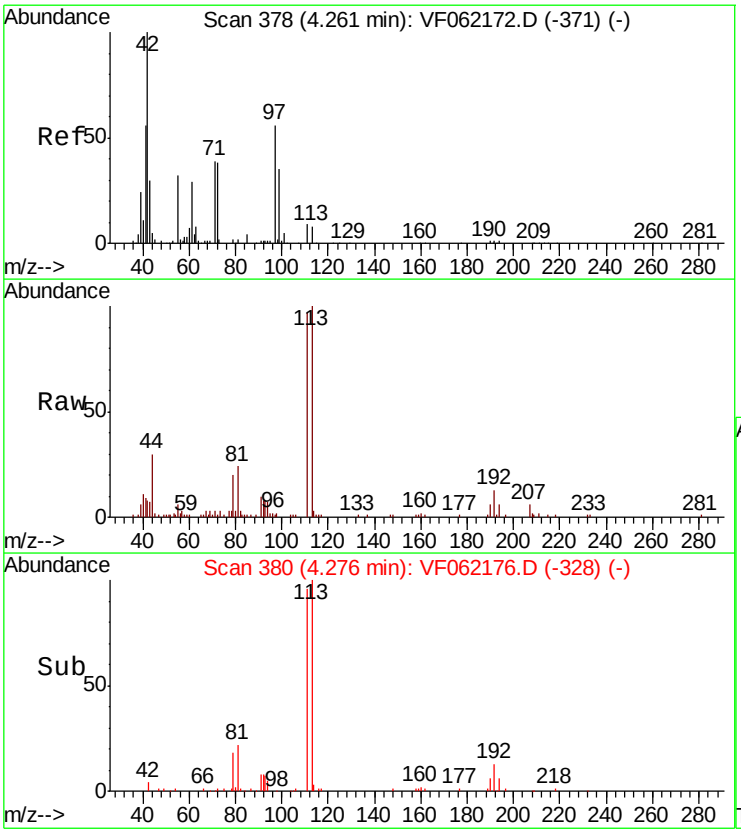
#25
2-Butanone
Concen: 1.980 ug/l
RT: 4.55 min Scan# 408
Delta R.T. 0.03 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Instrument :
MSVOA_F
ClientSampleId :
VF0416SBL01

Tgt Ion: 43 Resp: 3802

Ion	Ratio	Lower	Upper
43	100		
72	11.9	15.4	23.2#

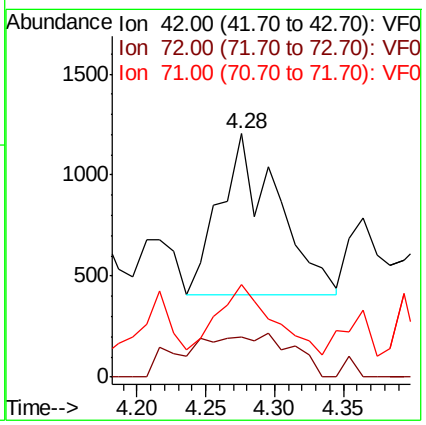


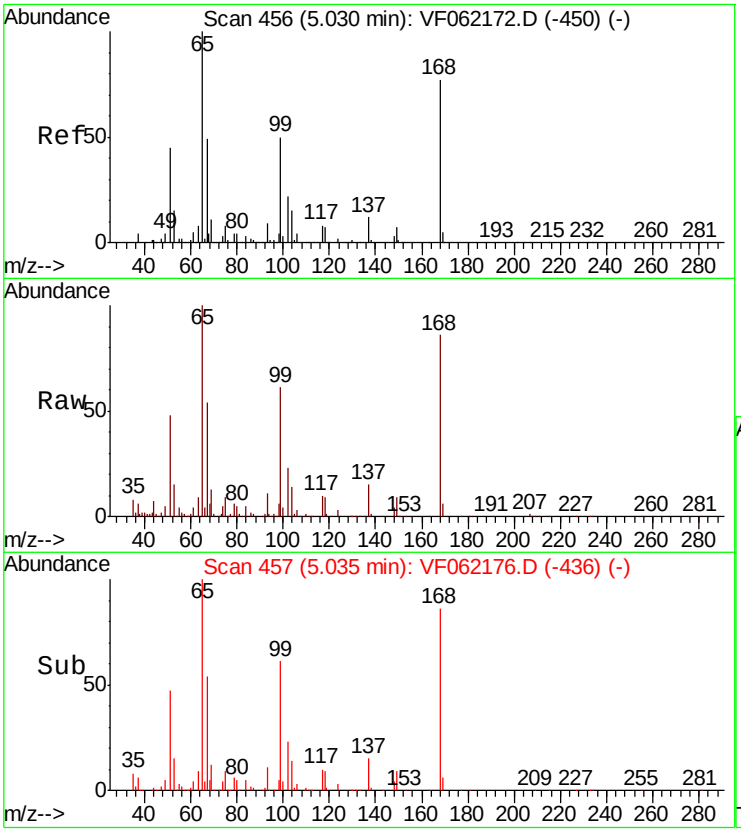


#29
Tetrahydrofuran
Concen: 2.732 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.01 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Tgt Ion: 42 Resp: 2333

Ion	Ratio	Lower	Upper
42	100		
72	48.7	28.7	43.1#
71	41.9	30.8	46.2



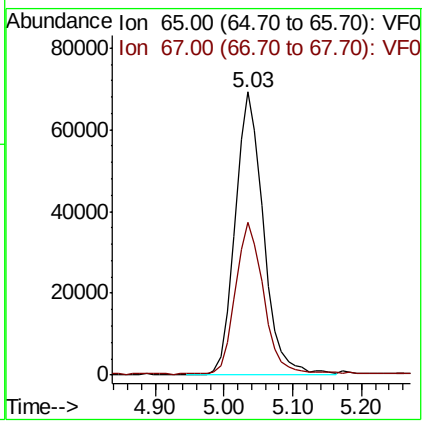


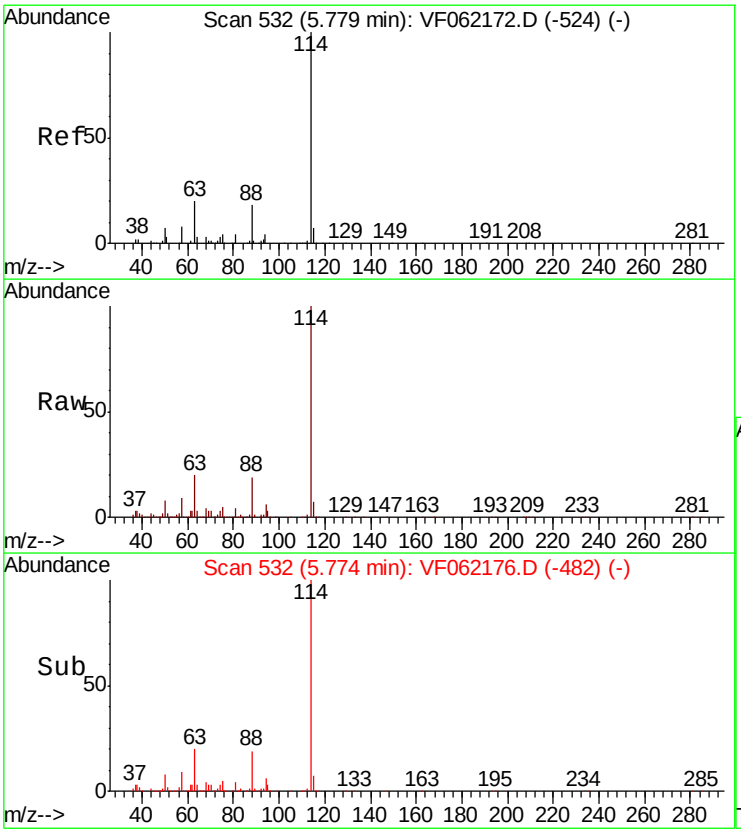
#33
1,2-Dichloroethane-d4
Concen: 49.224 ug/l
RT: 5.03 min Scan# 457
Delta R.T. 0.00 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Instrument :
MSVOA_F
ClientSampleId :
VF0416SBL01

Tgt Ion: 65 Resp: 195116

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.8

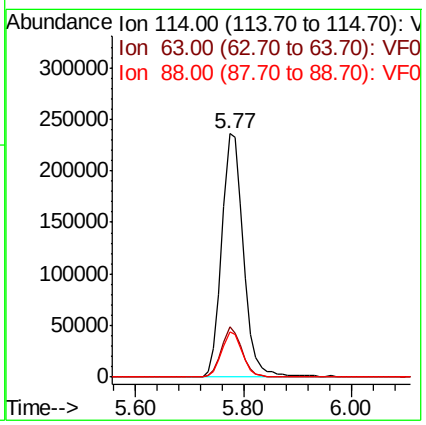


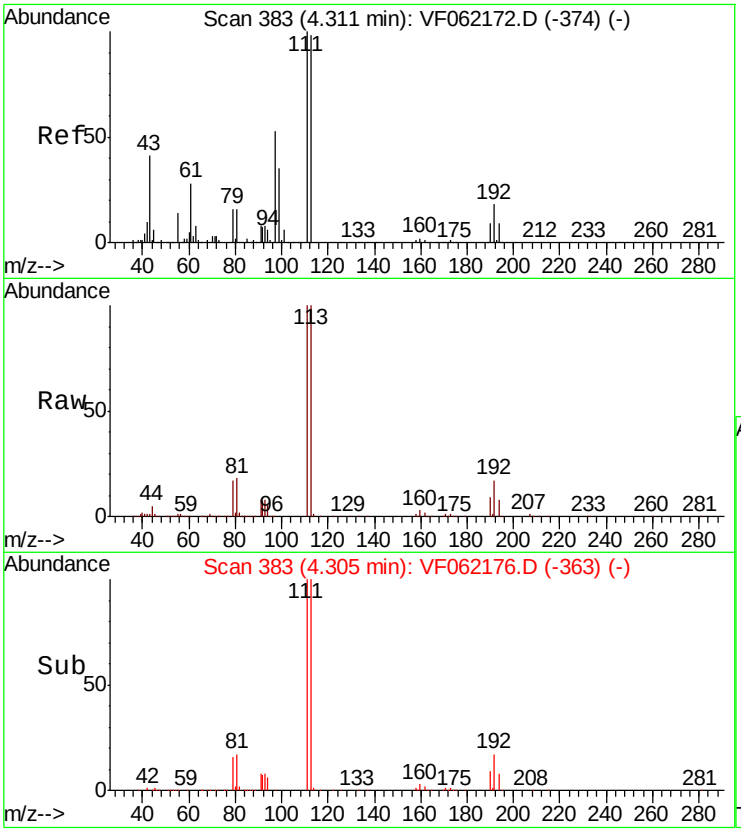


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 532
Delta R.T. -0.01 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Tgt Ion:114 Resp: 657039

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.0
88	18.5	0.0	36.6



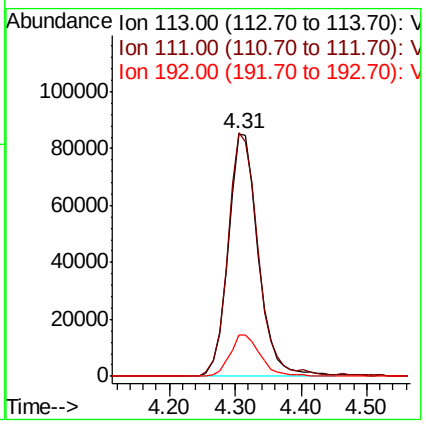


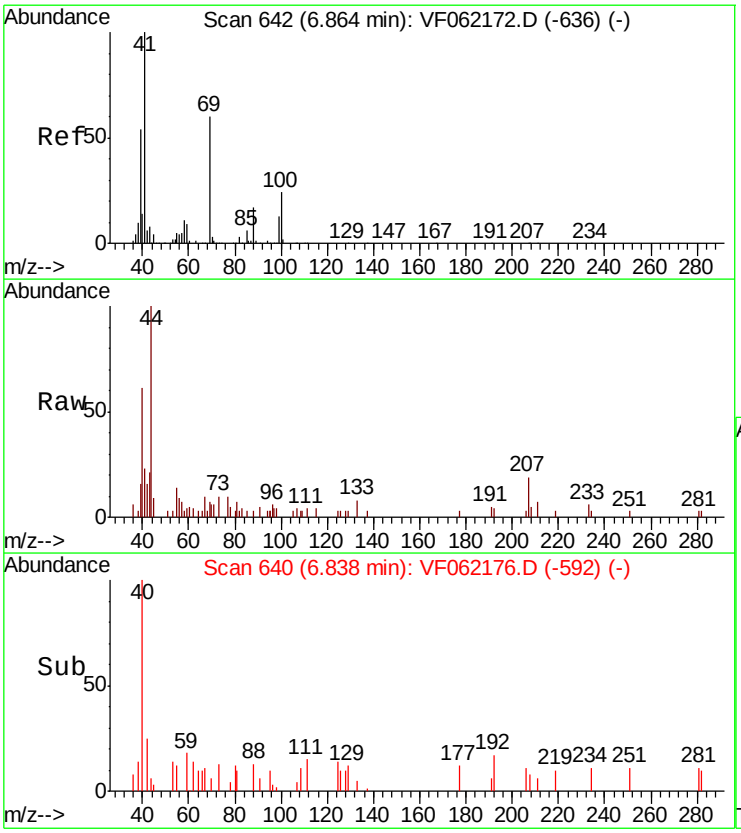
#35
Dibromofluoromethane
Concen: 52.500 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.01 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Instrument :
MSVOA_F
ClientSampleId :
VF0416SBL01

Tgt Ion:113 Resp: 272104

Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.6	122.4
192	17.2	15.0	22.4

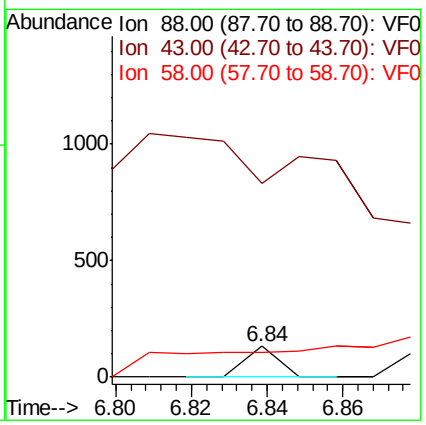


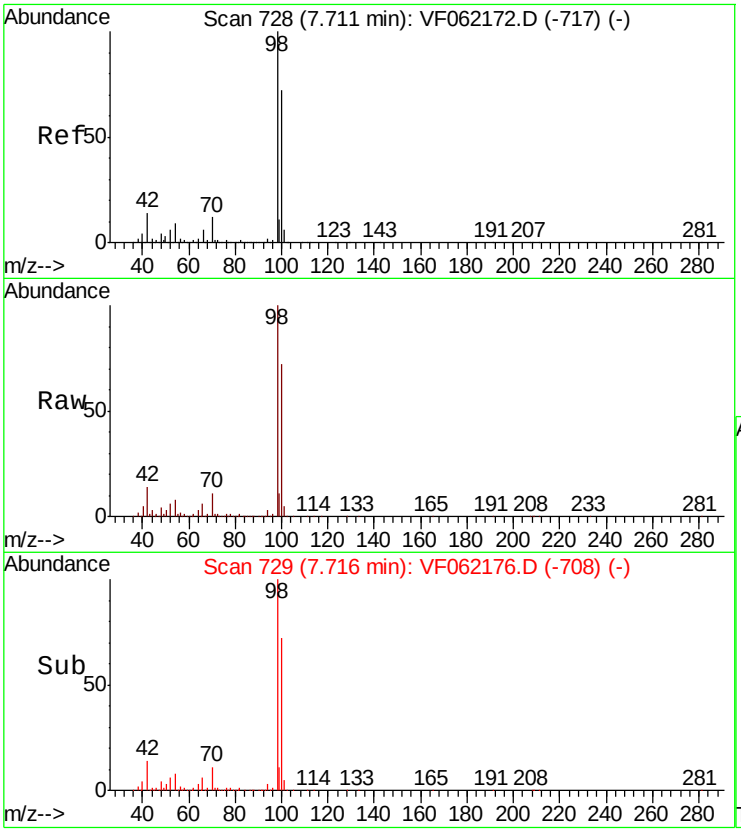


#49
1,4-Dioxane
Concen: 3.934 ug/l
RT: 6.84 min Scan# 640
Delta R.T. -0.03 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Tgt Ion: 88 Resp: 78

Ion	Ratio	Lower	Upper
88	100		
43	630.3	49.5	74.3#
58	80.3	52.6	79.0#



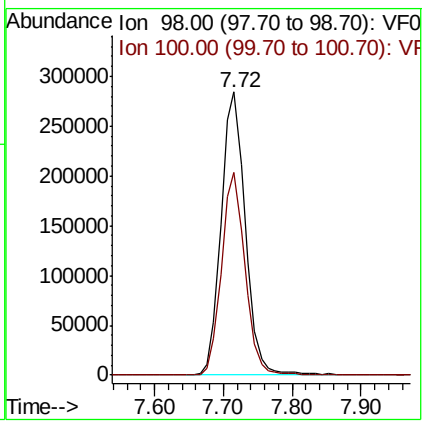


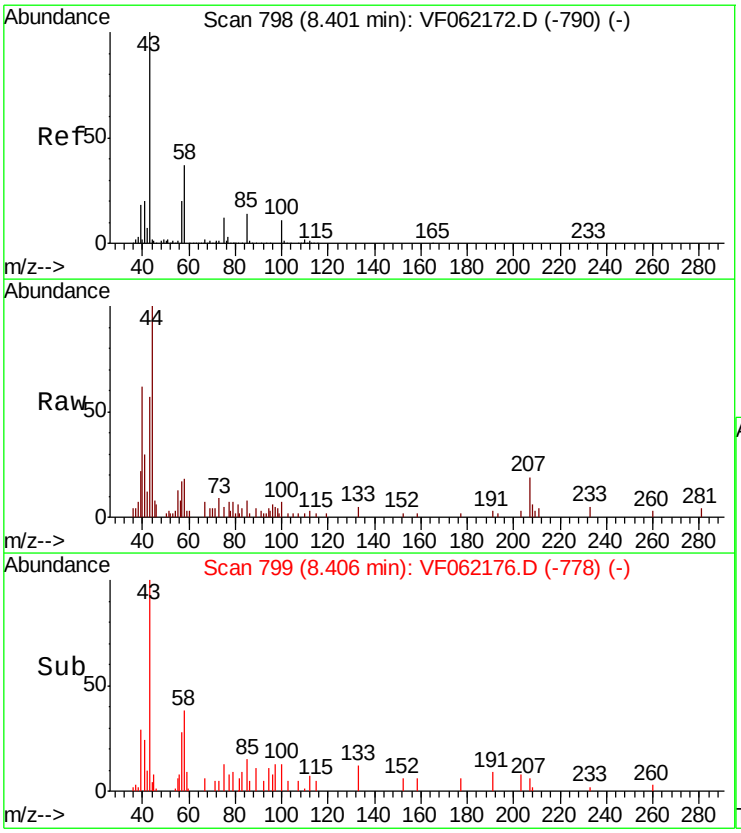
#50
Toluene-d8
Concen: 45.771 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Instrument :
MSVOA_F
ClientSampleId :
VF0416SBL01

Tgt Ion: 98 Resp: 693234

Ion	Ratio	Lower	Upper
98	100		
100	71.6	57.4	86.0

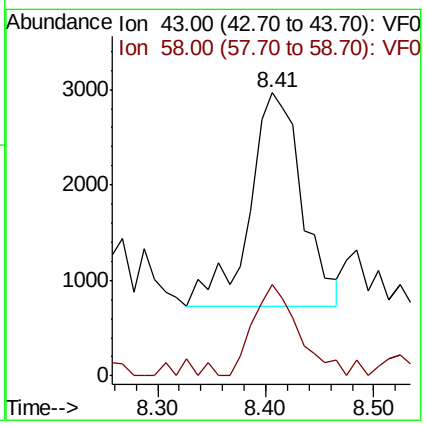


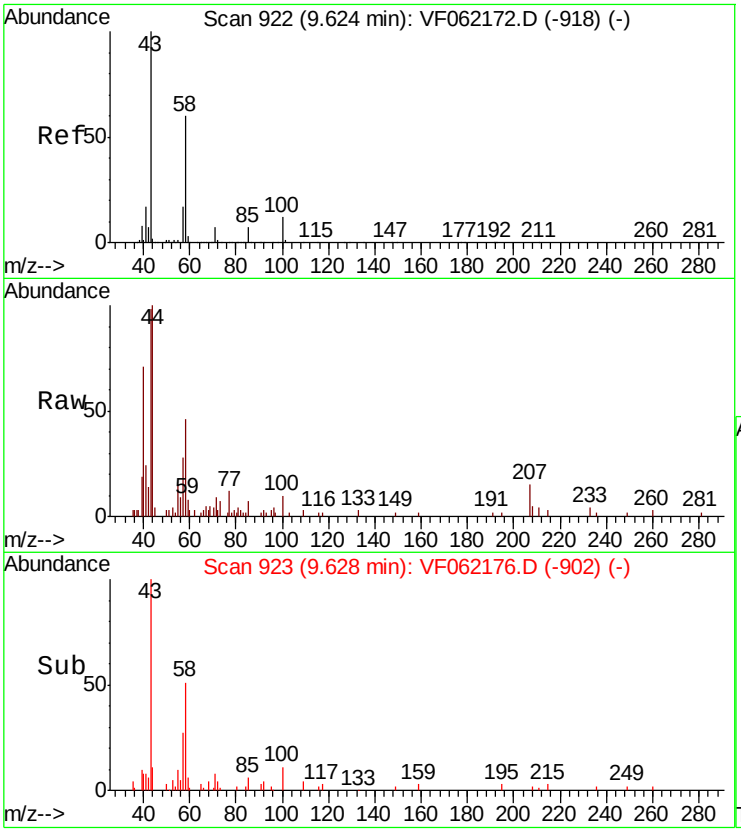


#51
4-Methyl-2-Pentanone
Concen: 2.524 ug/l
RT: 8.41 min Scan# 799
Delta R.T. 0.00 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Tgt Ion: 43 Resp: 7558

Ion	Ratio	Lower	Upper
43	100		
58	32.2	29.7	44.5



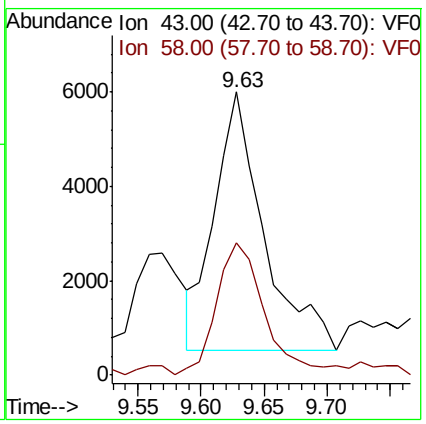


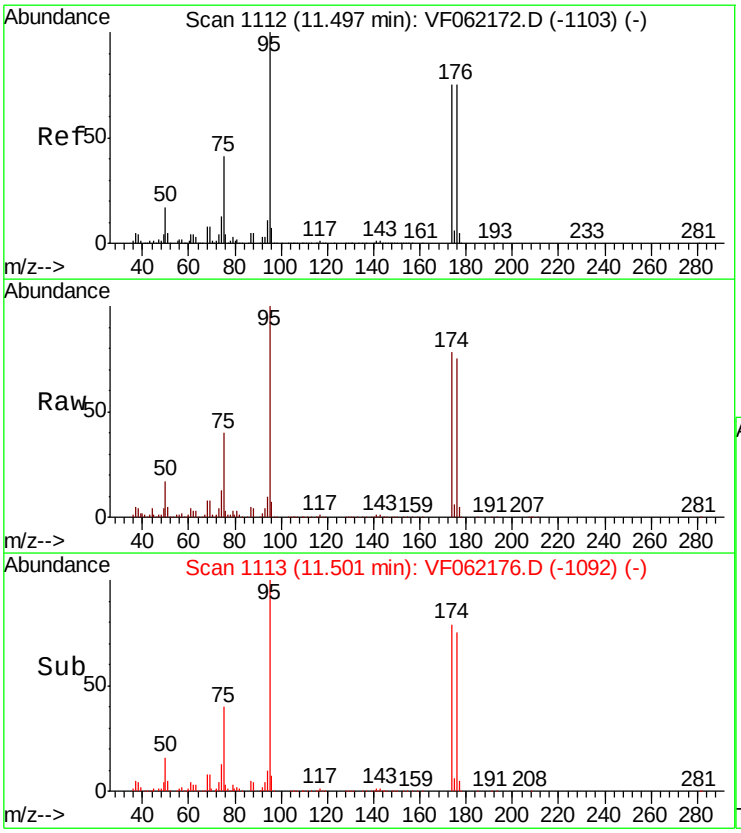
#59
2-Hexanone
Concen: 7.783 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.00 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Instrument :
MSVOA_F
ClientSampleId :
VF0416SBL01

Tgt Ion: 43 Resp: 14813

Ion	Ratio	Lower	Upper
43	100		
58	46.6	26.8	80.4

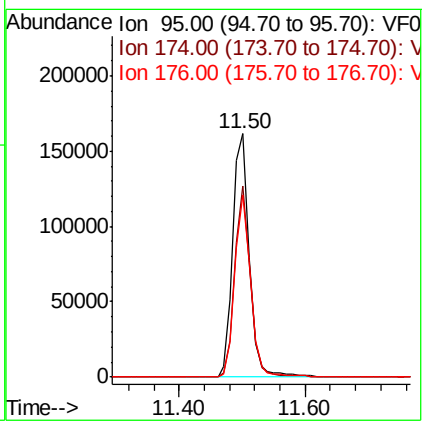


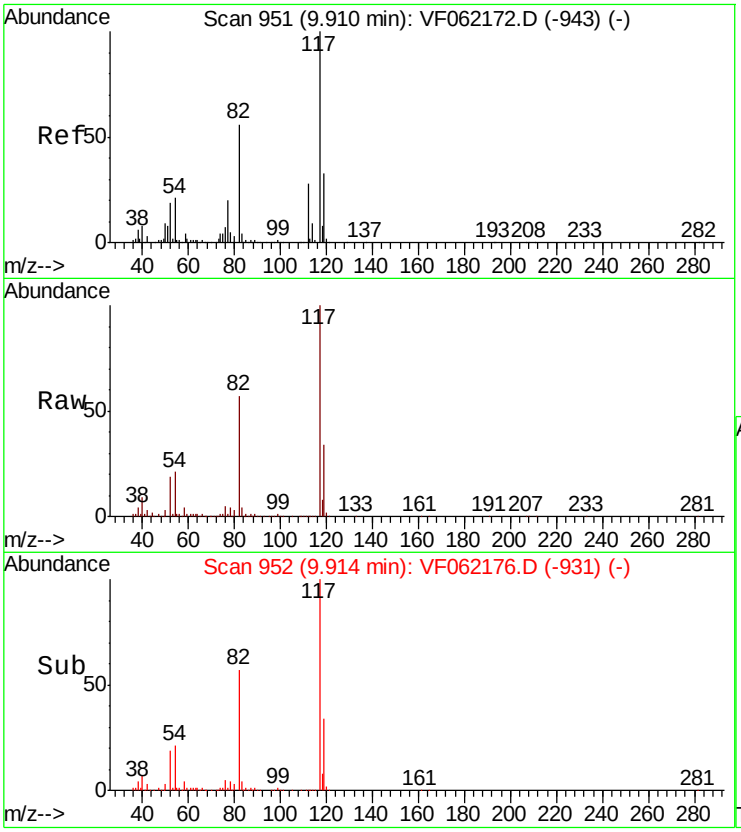


#62
4-Bromofluorobenzene
Concen: 48.214 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Tgt Ion: 95 Resp: 288375

Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	150.2
176	75.0	0.0	149.4



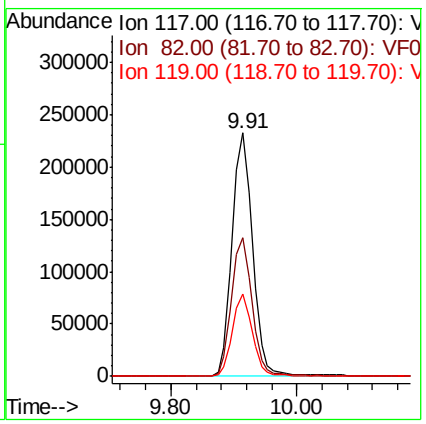


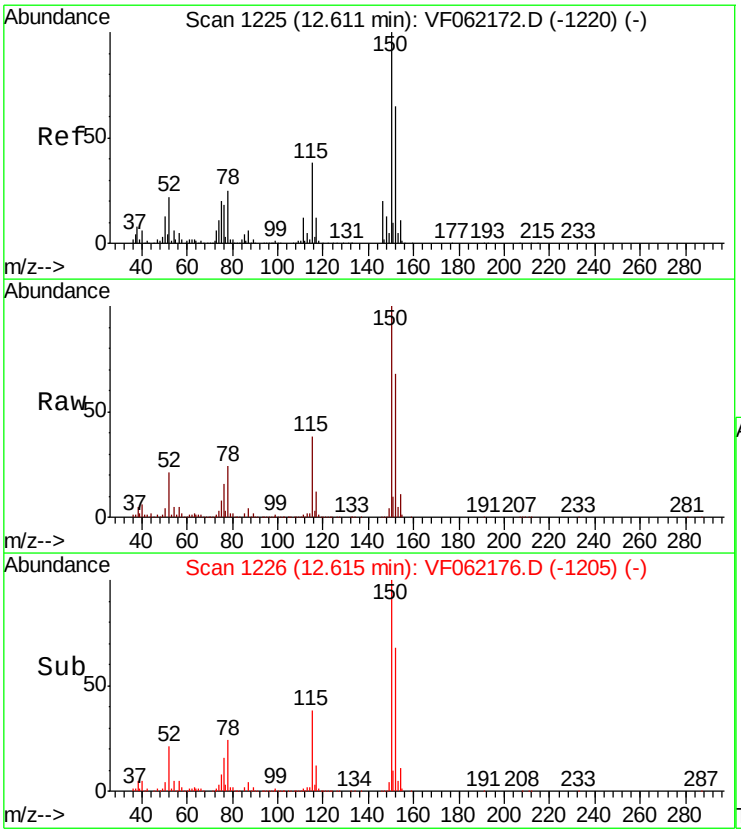
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Instrument :
MSVOA_F
ClientSampleId :
VF0416SBL01

Tgt Ion:117 Resp: 522711

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.2	67.8
119	33.7	26.6	39.8

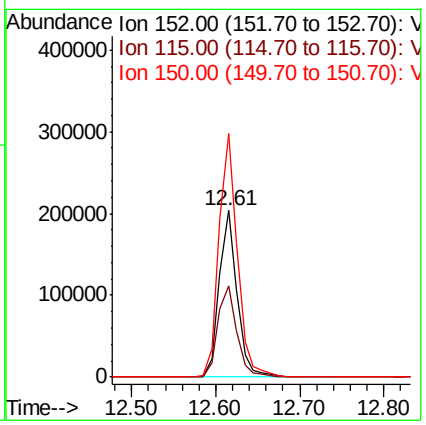


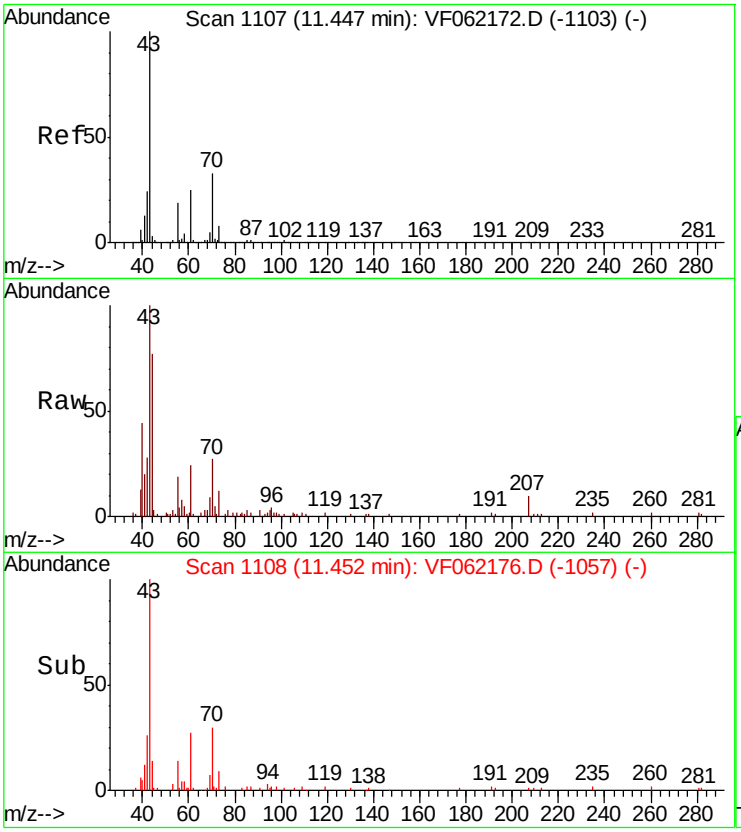


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Tgt Ion:152 Resp: 300955

Ion	Ratio	Lower	Upper
152	100		
115	55.0	29.0	87.1
150	146.5	0.0	309.2



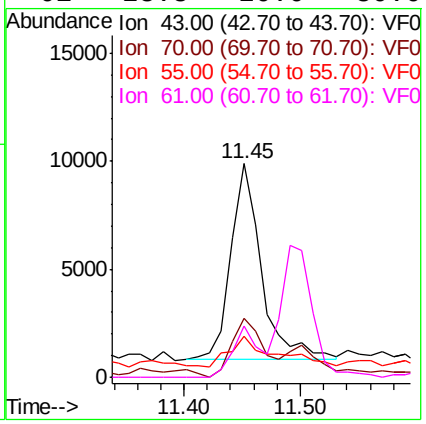


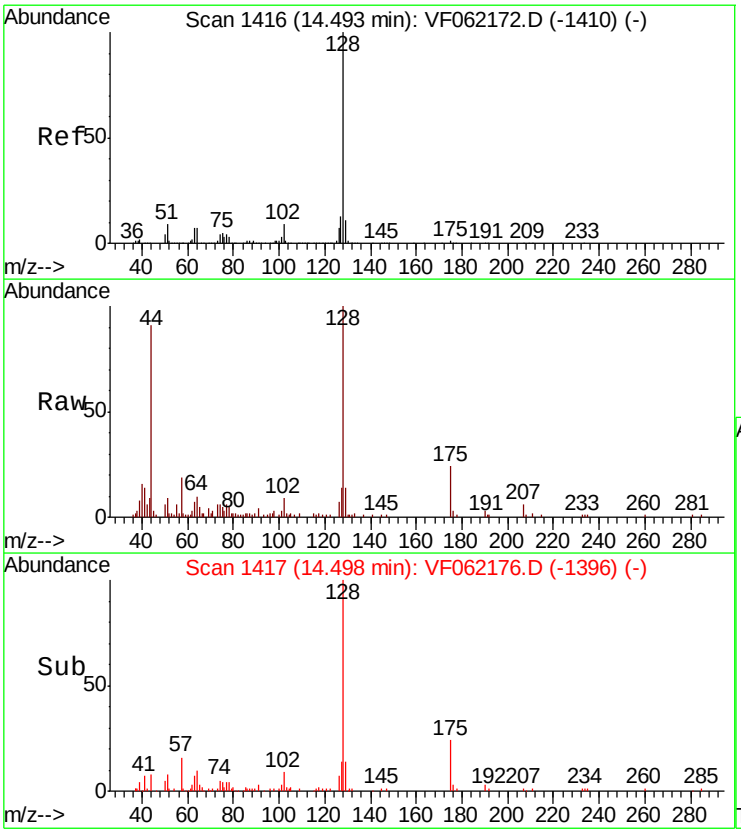
#74
N-amyl acetate
Concen: Below Cal
RT: 11.45 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Instrument : MSVOA_F
ClientSampleId : VF0416SBL01

Tgt Ion: 43 Resp: 16695

Ion	Ratio	Lower	Upper
43	100		
70	27.5	26.6	39.8
55	19.3	15.0	22.6
61	23.8	20.0	30.0





#95
Naphthalene
Concen: 1.848 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Tgt Ion:128 Resp: 22961

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	13.8	9.2	13.8