Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051419\
Data File : VF062590.D
Acq On : 14 May 2019 20:13
Operator : FY/SY
Sample : VF0514SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0514SBL01

Quant Time: May 15 05:16:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
Quant Title : SW846 8260
QLast Update : Wed May 15 05:06:28 2019
Response via : Initial Calibration

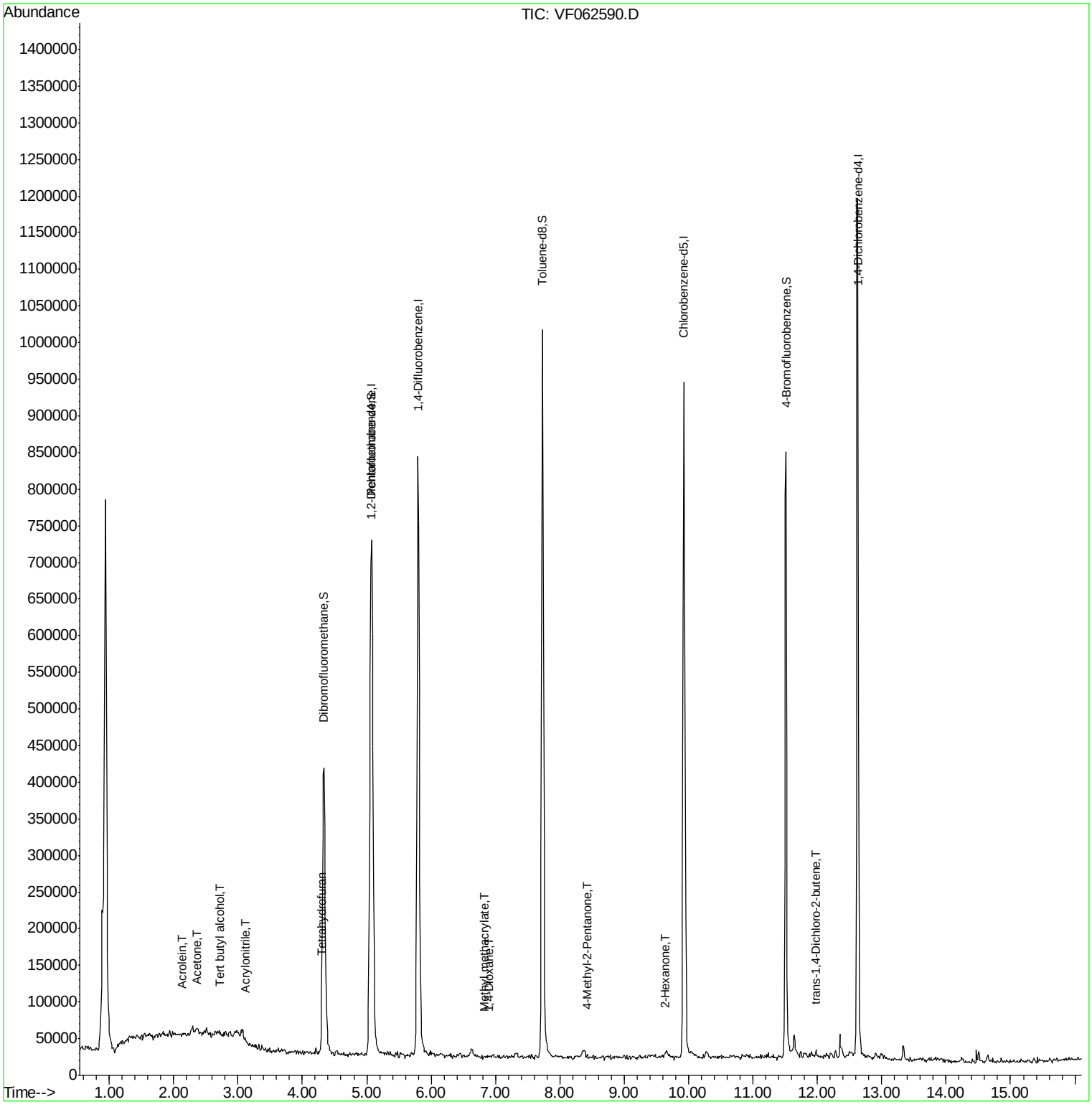
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	595598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	996196	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	725512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	341632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	234827	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.38%			
35) Dibromofluoromethane	4.33	113	396283	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.90%			
50) Toluene-d8	7.73	98	880744	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.82%			
62) 4-Bromofluorobenzene	11.50	95	313668	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.06	85	769	Below Cal		84
11) Tert butyl alcohol	2.70	59	1380	5.094	ug/l #	7
13) Acrolein	2.13	56	1157	6.444	ug/l	93
15) Acrylonitrile	3.11	53	2008	2.072	ug/l #	35
16) Acetone	2.35	43	5322	5.829	ug/l	99
17) Carbon Disulfide	1.91	76	330	Below Cal #		1
18) Methyl Acetate	2.45	43	976	Below Cal #		72
20) Methylene Chloride	2.30	84	3829	Below Cal #		81
29) Tetrahydrofuran	4.29	42	1044	1.195	ug/l #	1
48) Methyl methacrylate	6.83	41	2327	1.014	ug/l #	48
49) 1,4-Dioxane	6.90	88	440	14.552	ug/l	96
51) 4-Methyl-2-Pentanone	8.43	43	4744	1.545	ug/l	89
59) 2-Hexanone	9.64	43	6224	3.068	ug/l	87
81) trans-1,4-Dichloro-2-buten	11.97	75	1566	1.218	ug/l #	35

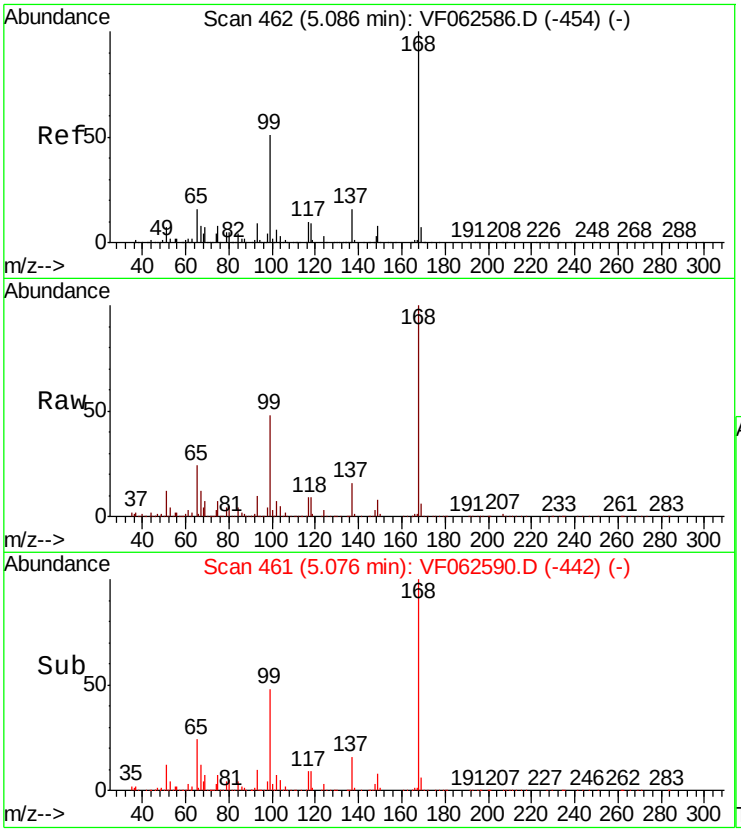
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051419\
Data File : VF062590.D
Acq On : 14 May 2019 20:13
Operator : FY/SY
Sample : VF0514SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0514SBL01

Quant Time: May 15 05:16:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
Quant Title : SW846 8260
QLast Update : Wed May 15 05:06:28 2019
Response via : Initial Calibration



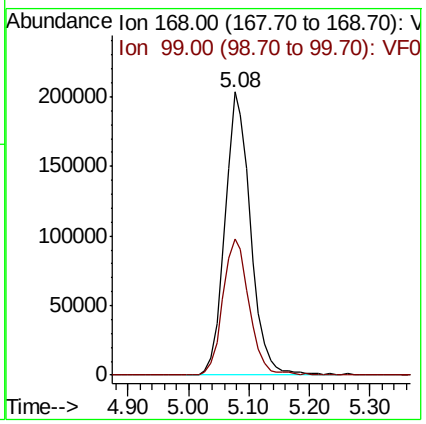


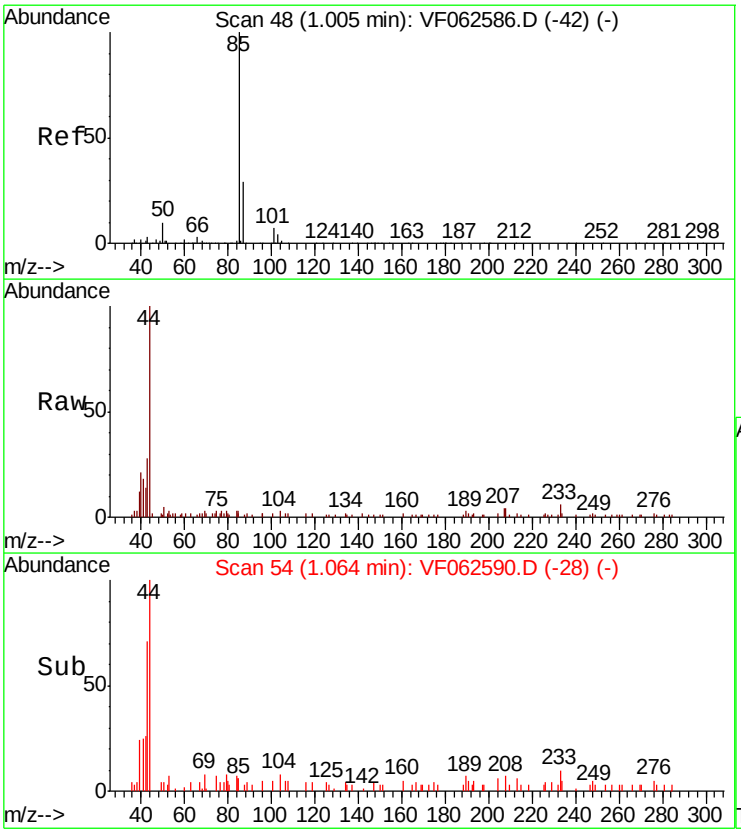
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.08 min Scan# 461
Delta R.T. -0.01 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Instrument :
MSVOA_F
ClientSampleId :
VF0514SBL01

Tgt Ion:168 Resp: 595598

Ion	Ratio	Lower	Upper
168	100		
99	48.2	41.0	61.6

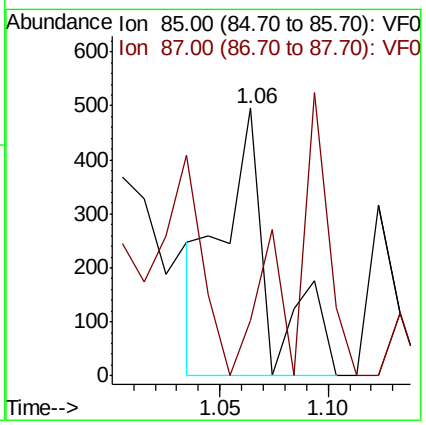


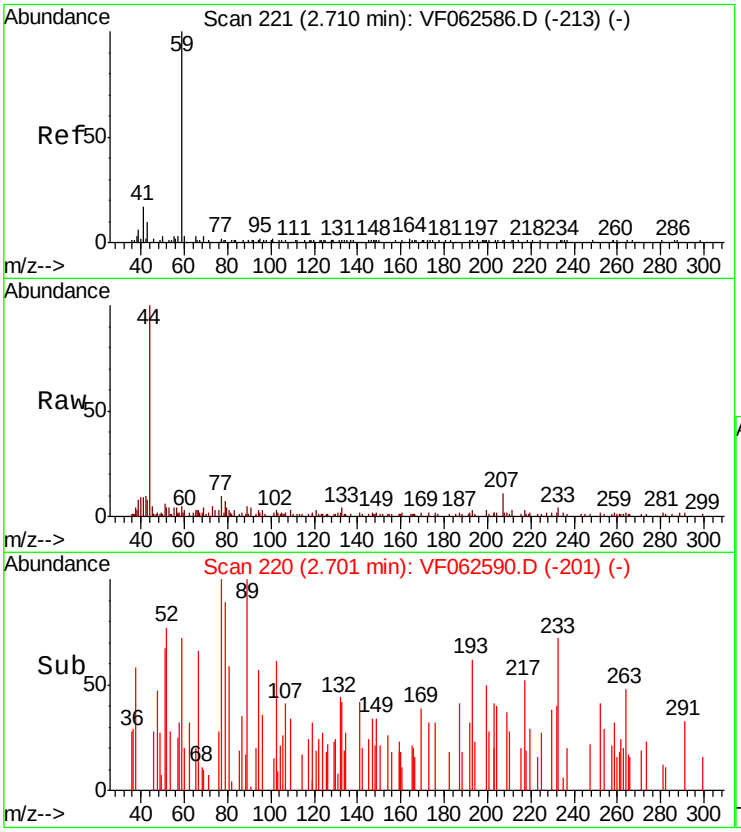


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.06 min Scan# 54
Delta R.T. 0.06 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Tgt Ion: 85 Resp: 769

Ion	Ratio	Lower	Upper
85	100		
87	20.6	14.6	43.8



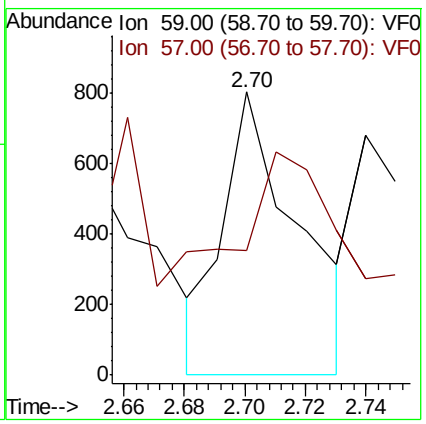


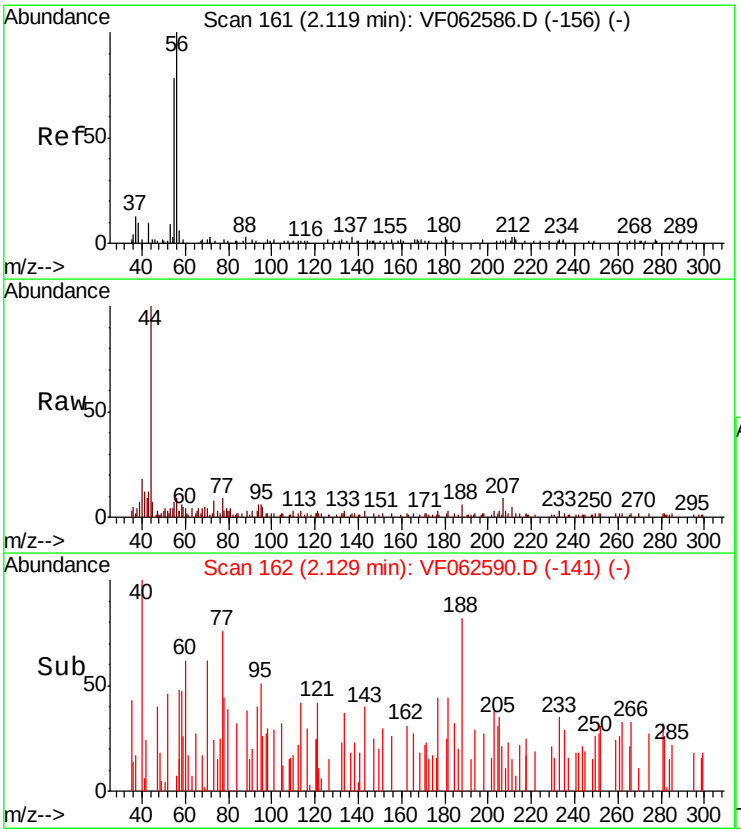
#11
Tert butyl alcohol
Concen: 5.094 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.01 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Instrument : MSVOA_F
ClientSampleId : VF0514SBL01

Tgt Ion: 59 Resp: 1380

Ion	Ratio	Lower	Upper
59	100		
57	44.3	8.0	12.0#

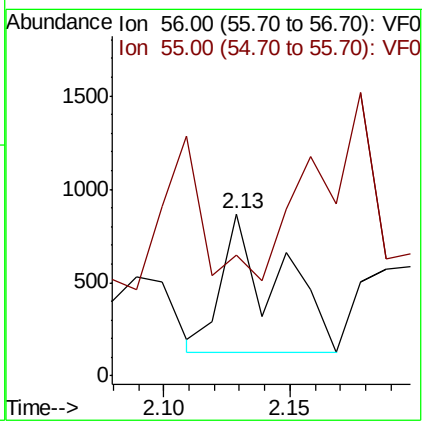


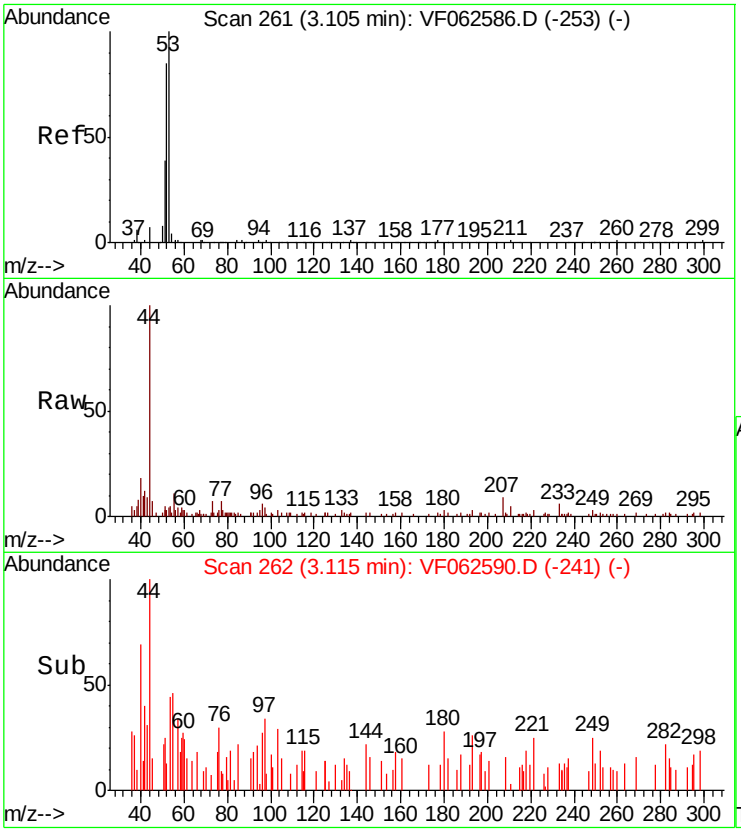


#13
Acrolein
Concen: 6.444 ug/l
RT: 2.13 min Scan# 162
Delta R.T. 0.01 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Tgt Ion: 56 Resp: 1157

Ion	Ratio	Lower	Upper
56	100		
55	74.7	64.6	96.8



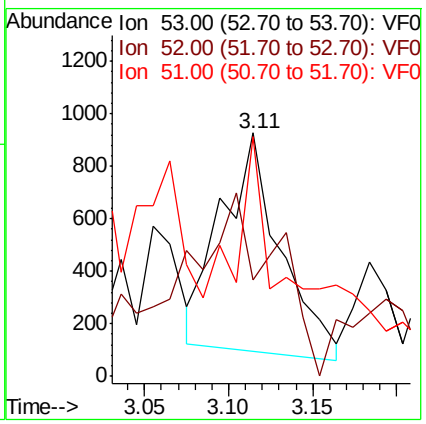


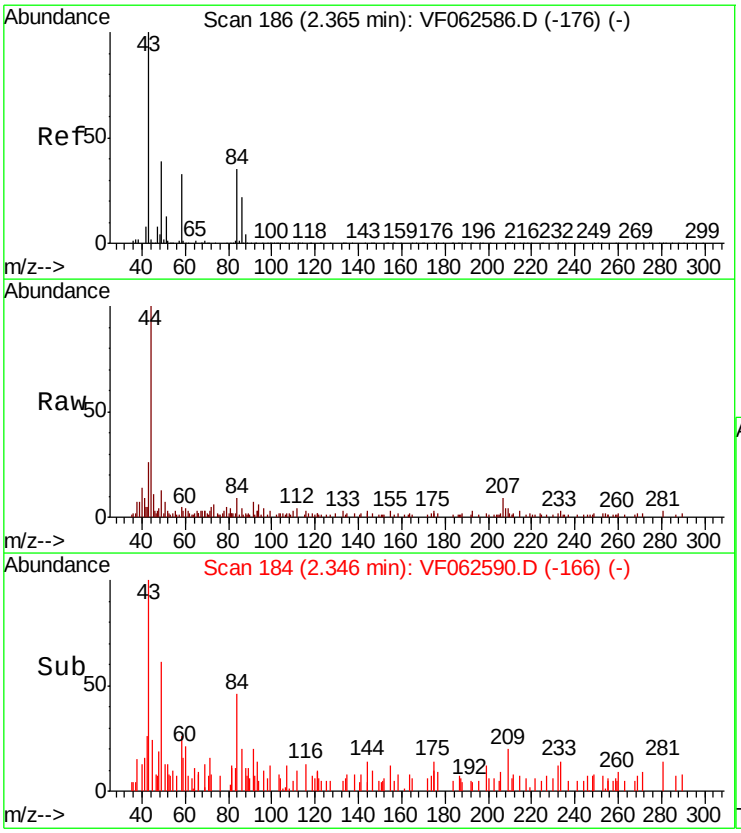
#15
Acrylonitrile
Concen: 2.072 ug/l
RT: 3.11 min Scan# 262
Delta R.T. 0.01 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Instrument :
MSVOA_F
ClientSampleId :
VF0514SBL01

Tgt Ion: 53 Resp: 2008

Ion	Ratio	Lower	Upper
53	100		
52	39.6	68.3	102.5#
51	98.4	31.5	47.3#

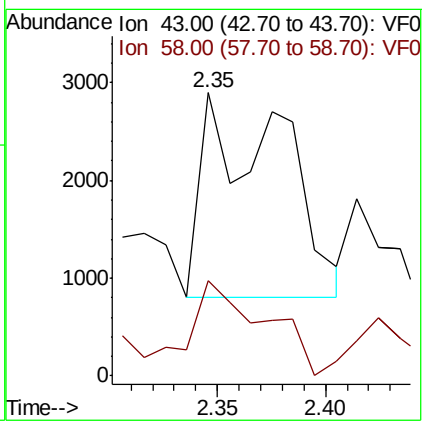


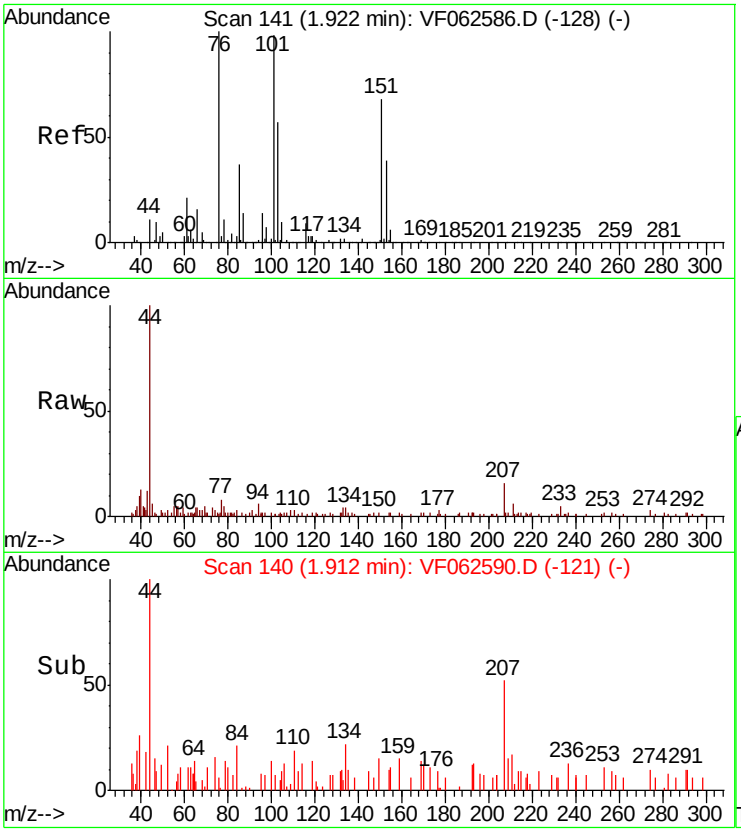


#16
Acetone
Concen: 5.829 ug/l
RT: 2.35 min Scan# 184
Delta R.T. -0.02 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Tgt Ion: 43 Resp: 5322

Ion	Ratio	Lower	Upper
43	100		
58	33.7	26.7	40.1



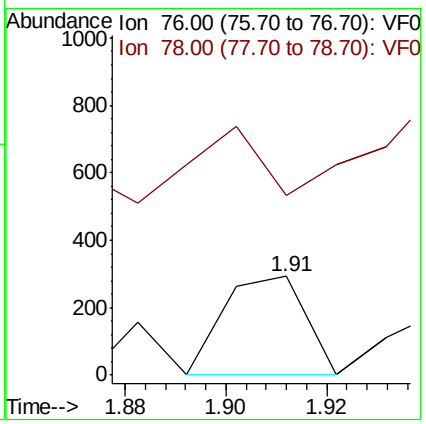


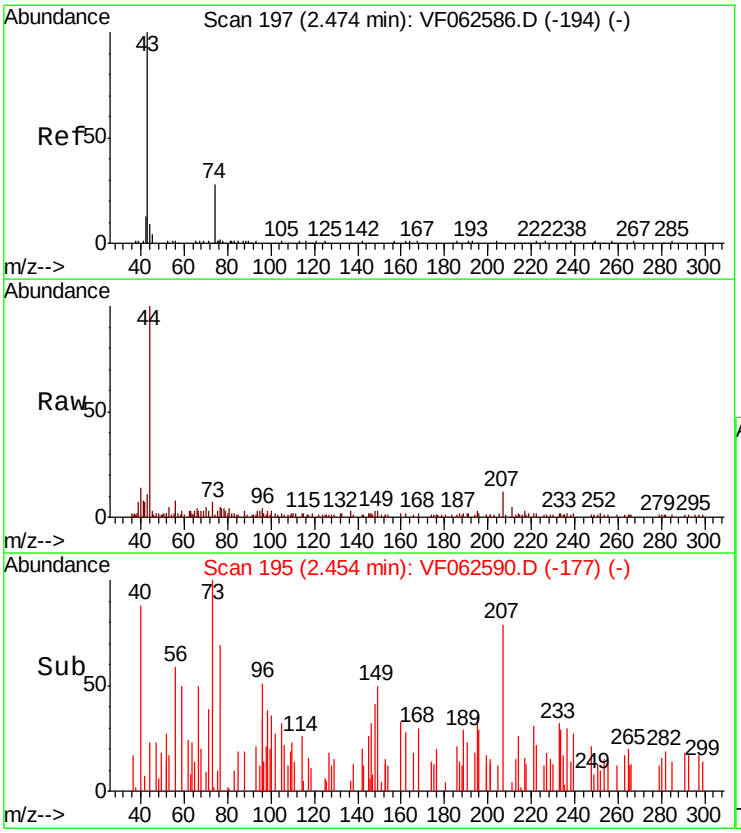
#17
Carbon Disulfide
Concen: Below Cal
RT: 1.91 min Scan# 140
Delta R.T. -0.01 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Instrument :
MSVOA_F
ClientSampleId :
VF0514SBL01

Tgt Ion: 76 Resp: 330

Ion	Ratio	Lower	Upper
76	100		
78	182.2	9.0	13.4#

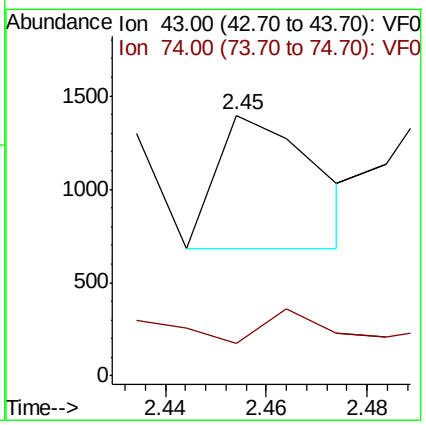


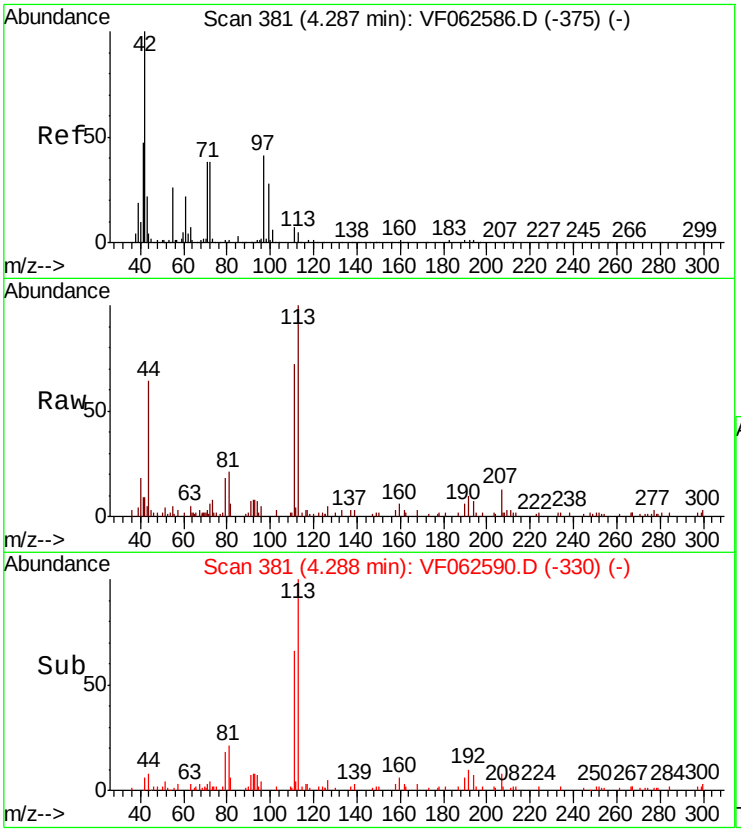


#18
Methyl Acetate
Concen: Below Cal
RT: 2.45 min Scan# 195
Delta R.T. -0.02 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Tgt Ion: 43 Resp: 976

Ion	Ratio	Lower	Upper
43	100		
74	12.3	21.4	32.0#



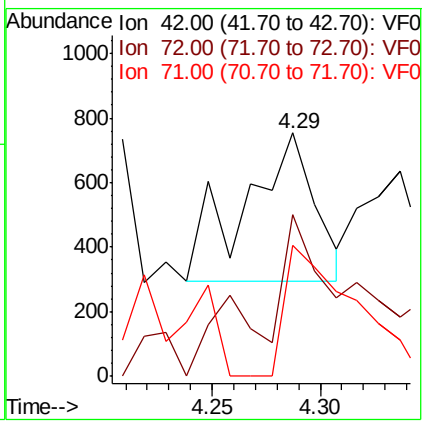


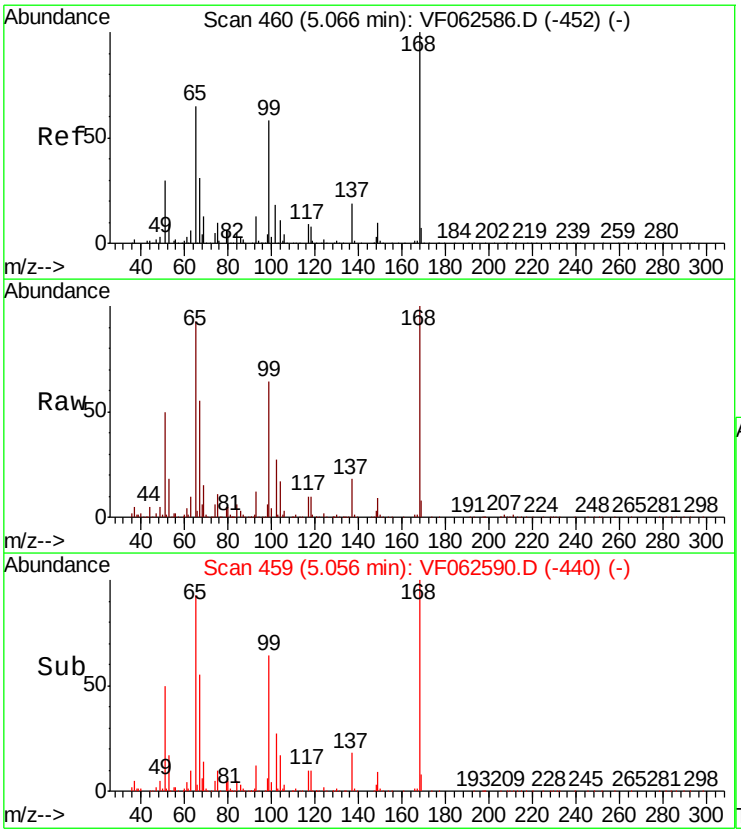
#29
Tetrahydrofuran
Concen: 1.195 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.00 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Instrument :
MSVOA_F
ClientSampleId :
VF0514SBL01

Tgt Ion: 42 Resp: 1044

Ion	Ratio	Lower	Upper
42	100		
72	165.1	34.0	51.0#
71	85.9	32.8	49.2#

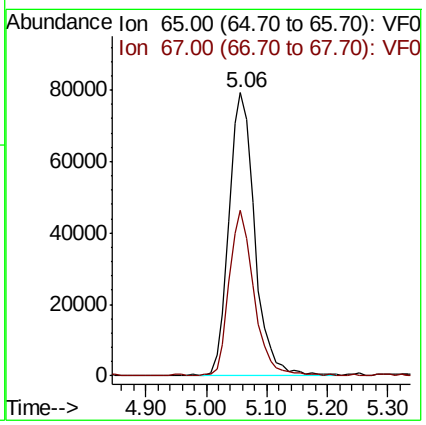


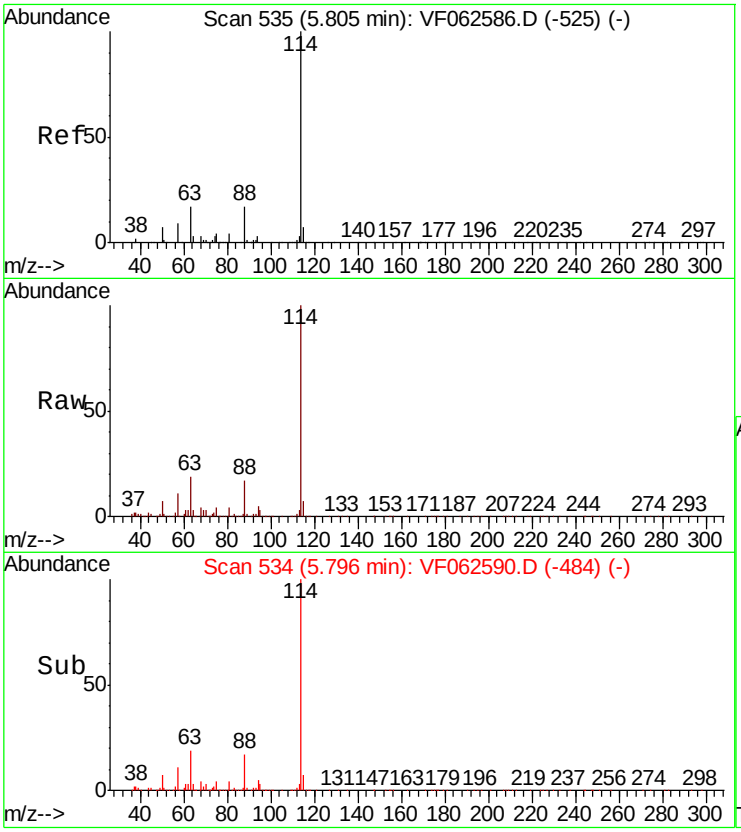


#33
1,2-Dichloroethane-d4
Concen: 52.190 ug/l
RT: 5.06 min Scan# 459
Delta R.T. -0.01 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Tgt Ion: 65 Resp: 234827

Ion	Ratio	Lower	Upper
65	100		
67	58.6	0.0	116.6



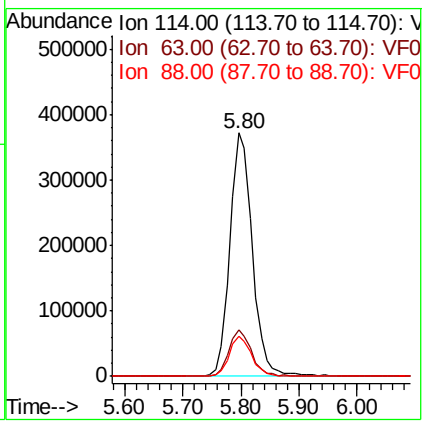


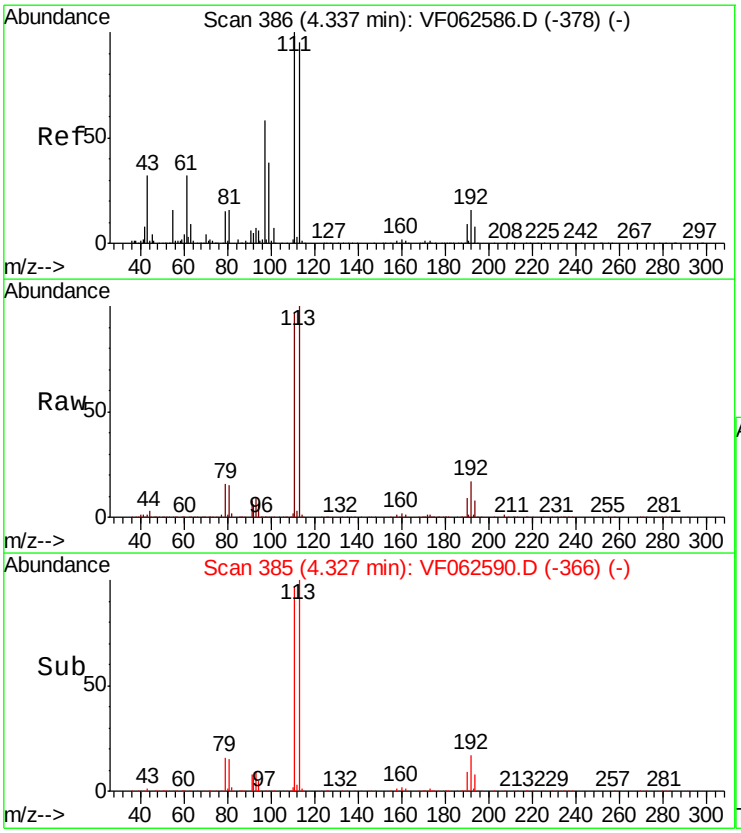
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. -0.01 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Instrument :
MSVOA_F
ClientSampleId :
VF0514SBL01

Tgt Ion:114 Resp: 996196

Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	34.6
88	16.6	0.0	33.6

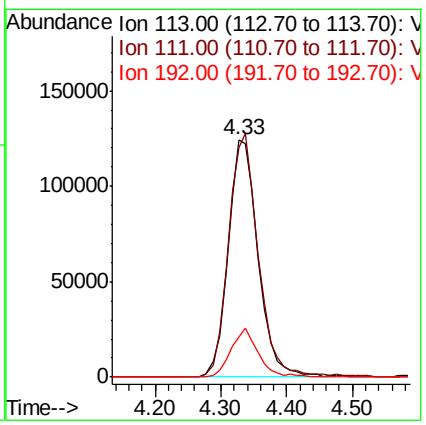


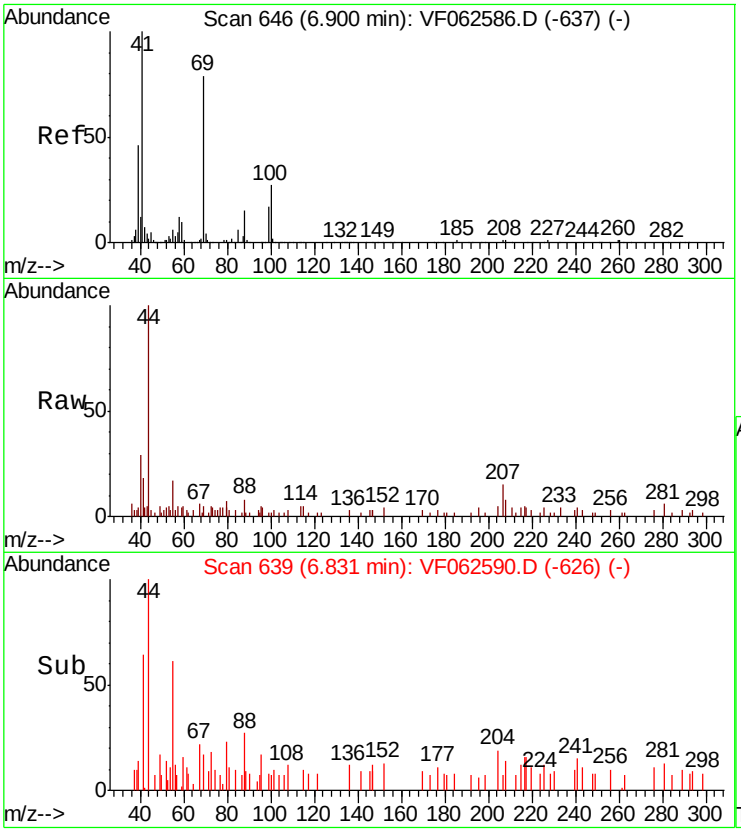


#35
Dibromofluoromethane
Concen: 53.447 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.01 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Tgt Ion:113 Resp: 396283

Ion	Ratio	Lower	Upper
113	100		
111	96.6	83.9	125.9
192	16.9	13.7	20.5



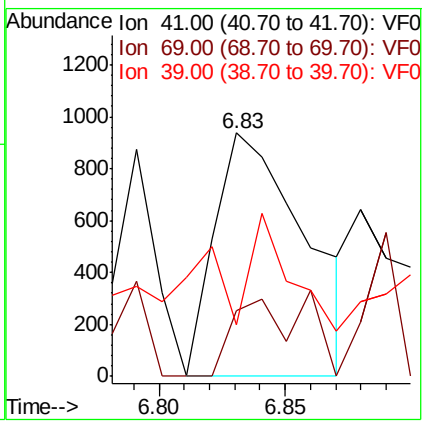


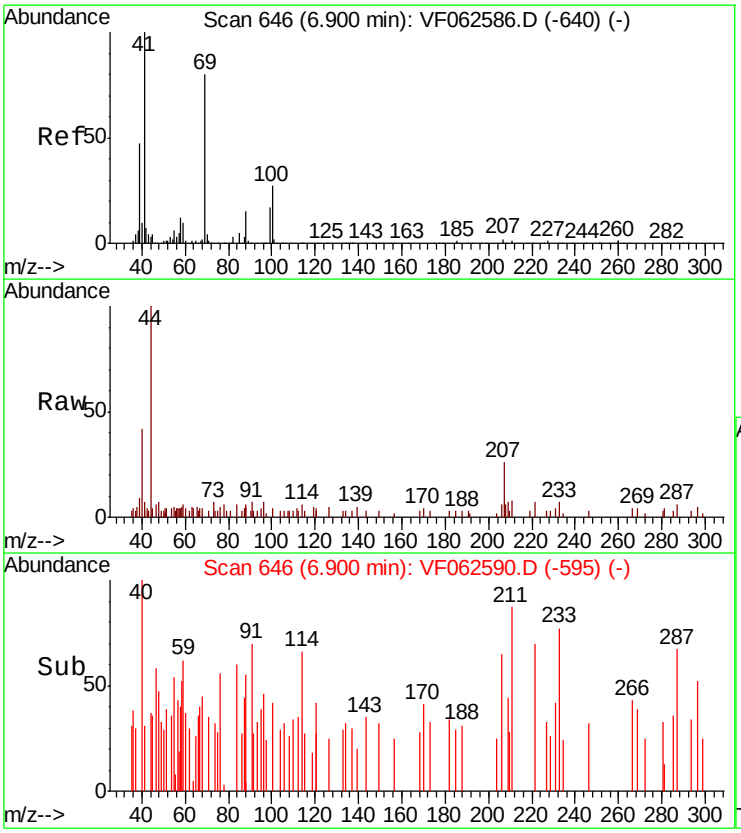
#48
Methyl methacrylate
Concen: 1.014 ug/l
RT: 6.83 min Scan# 639
Delta R.T. -0.07 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Instrument : MSVOA_F
ClientSampleId : VF0514SBL01

Tgt Ion: 41 Resp: 2327

Ion	Ratio	Lower	Upper
41	100		
69	26.9	63.0	94.6#
39	21.3	37.6	56.4#

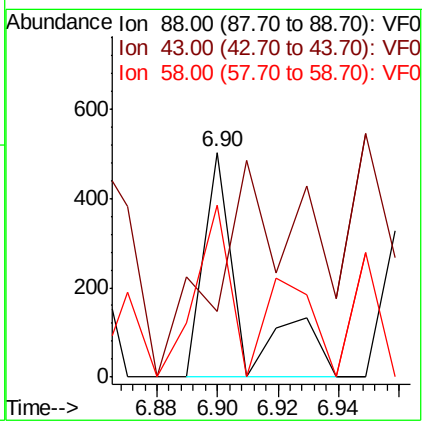


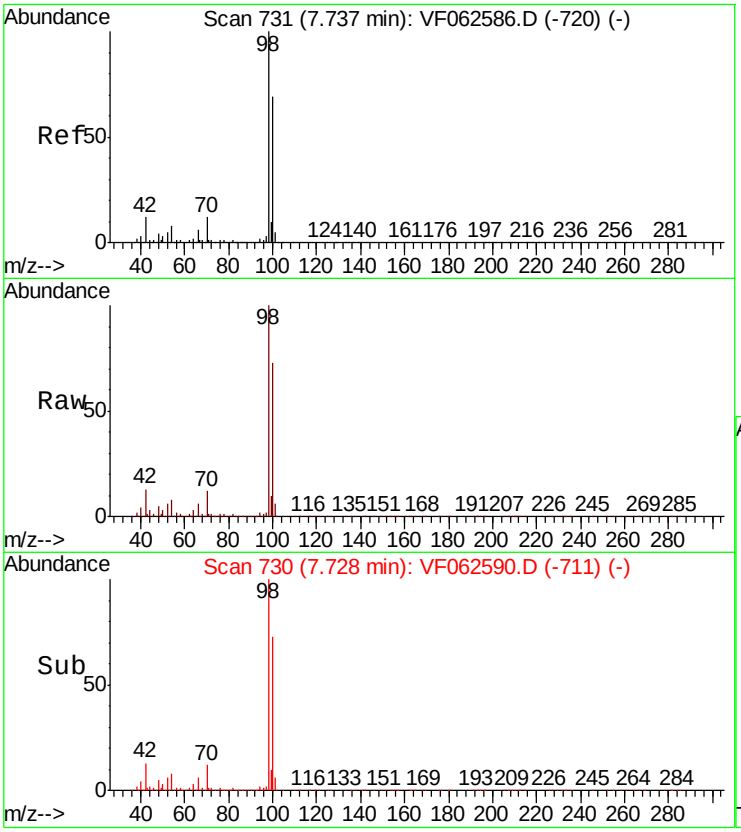


#49
1,4-Dioxane
Concen: 14.552 ug/l
RT: 6.90 min Scan# 646
Delta R.T. 0.00 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Tgt Ion: 88 Resp: 440

Ion	Ratio	Lower	Upper
88	100		
43	29.4	28.8	43.2
58	76.5	60.6	90.8



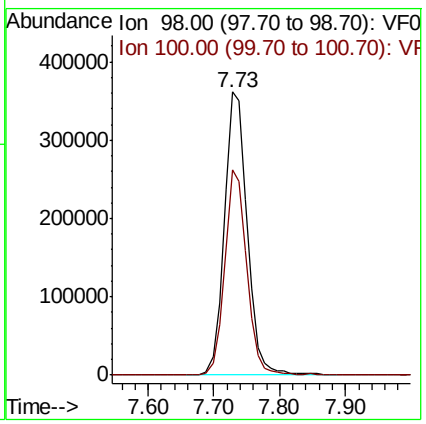


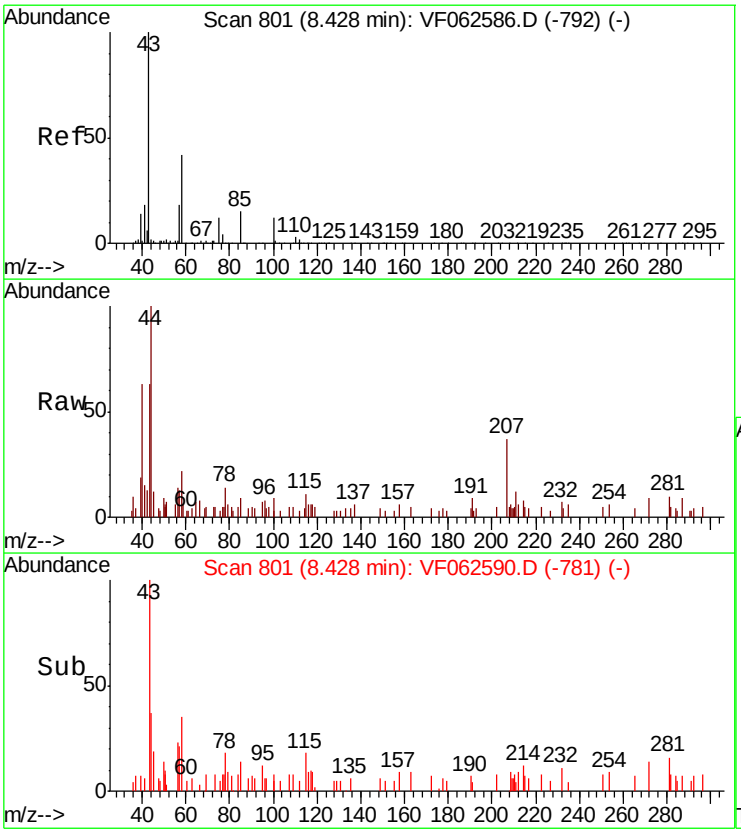
#50
Toluene-d8
Concen: 50.410 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.01 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Instrument :
MSVOA_F
ClientSampleId :
VF0514SBL01

Tgt Ion: 98 Resp: 880744

Ion	Ratio	Lower	Upper
98	100		
100	72.7	55.4	83.0

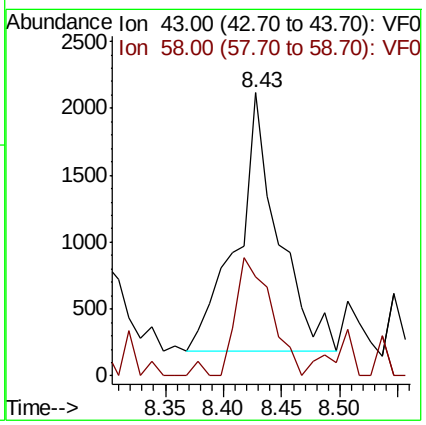


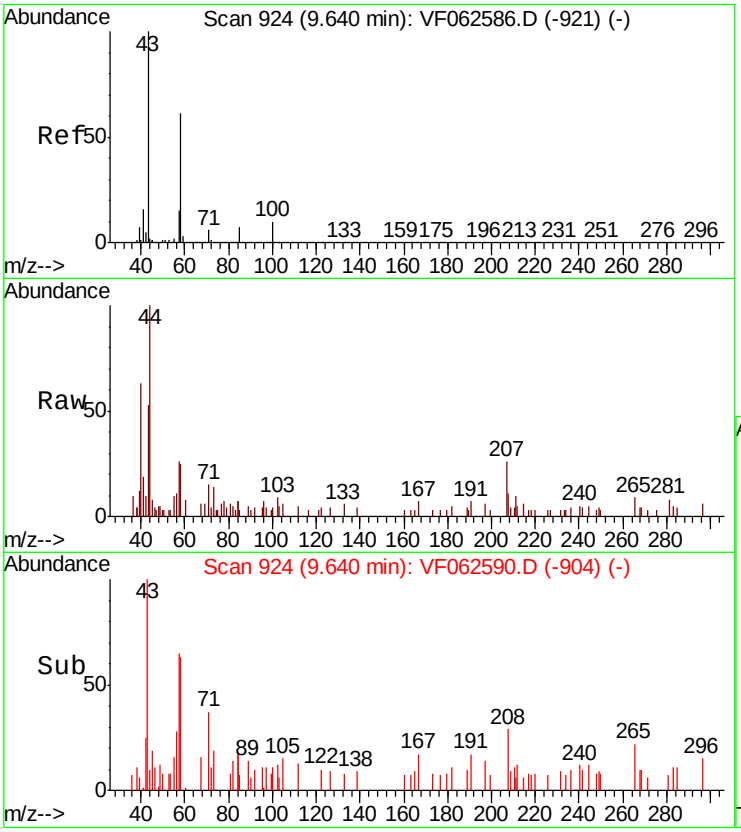


#51
4-Methyl-2-Pentanone
Concen: 1.545 ug/l
RT: 8.43 min Scan# 801
Delta R.T. 0.00 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Tgt Ion: 43 Resp: 4744

Ion	Ratio	Lower	Upper
43	100		
58	35.0	33.6	50.4



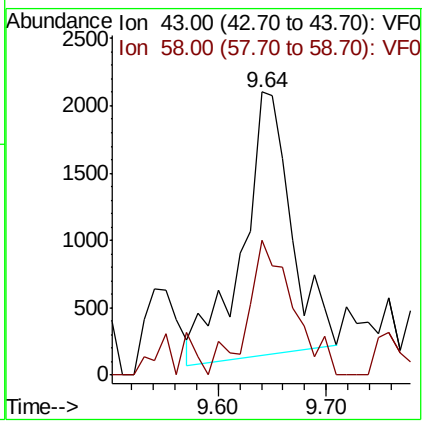


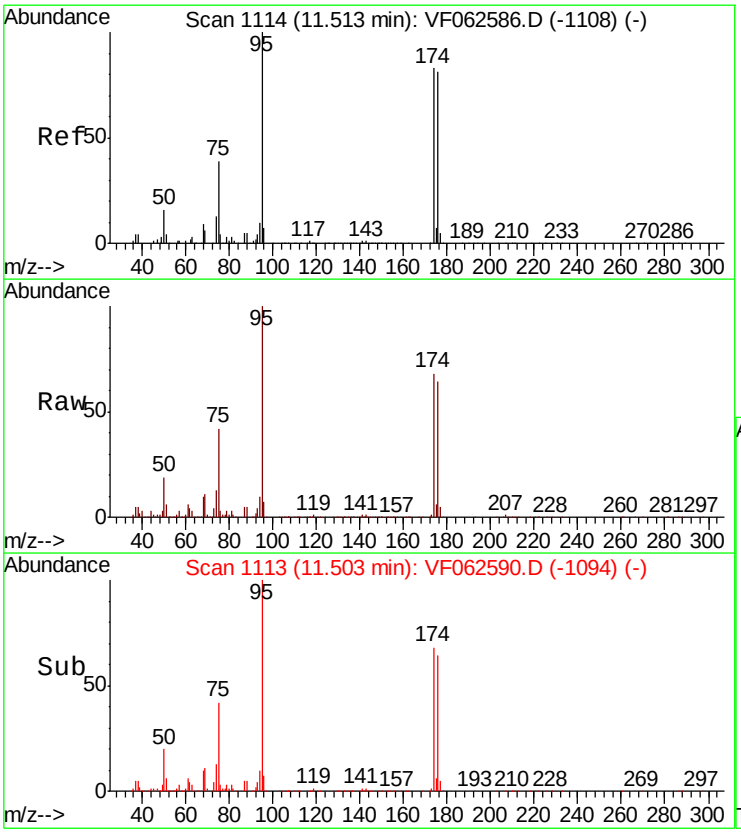
#59
2-Hexanone
Concen: 3.068 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.00 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Instrument : MSVOA_F
ClientSampleId : VF0514SBL01

Tgt Ion: 43 Resp: 6224

Ion	Ratio	Lower	Upper
43	100		
58	47.6	28.7	86.3

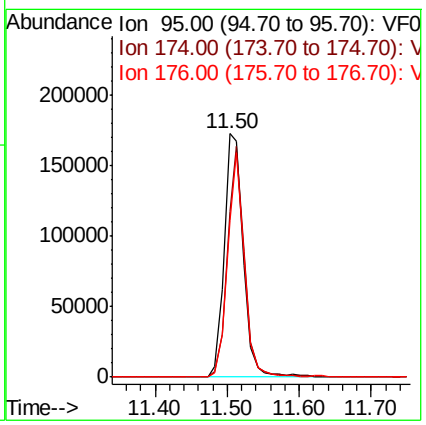


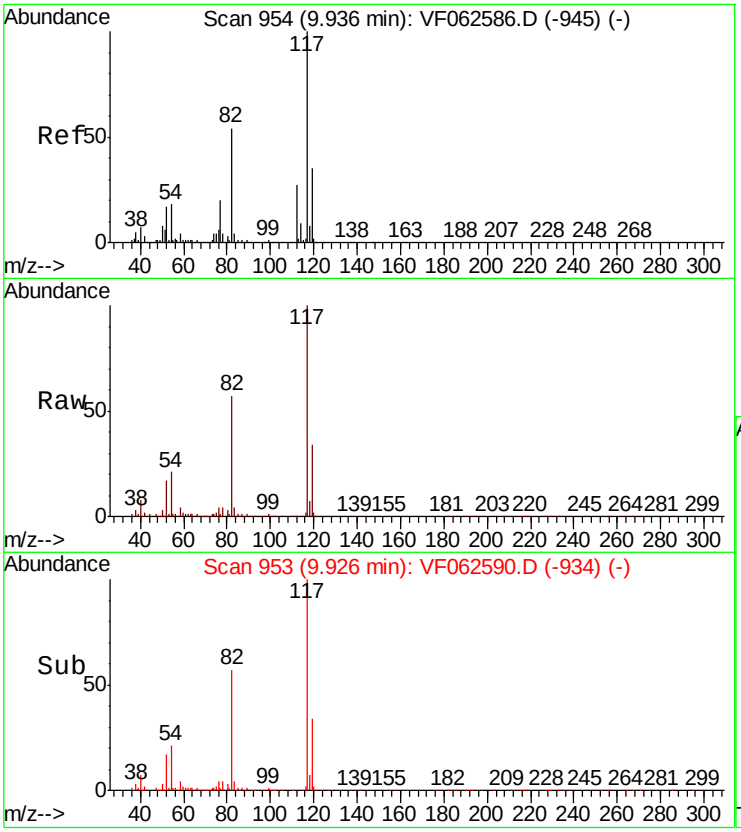


#62
4-Bromofluorobenzene
Concen: 51.406 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Tgt Ion: 95 Resp: 313668

Ion	Ratio	Lower	Upper
95	100		
174	68.2	0.0	166.6
176	64.5	0.0	161.8



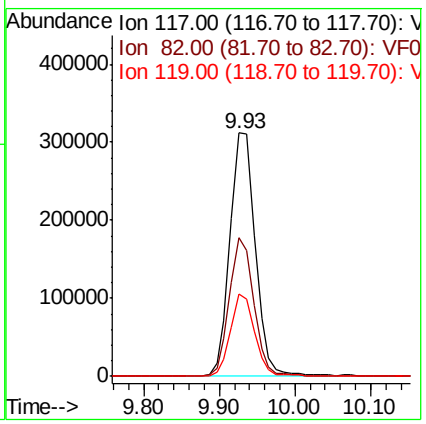


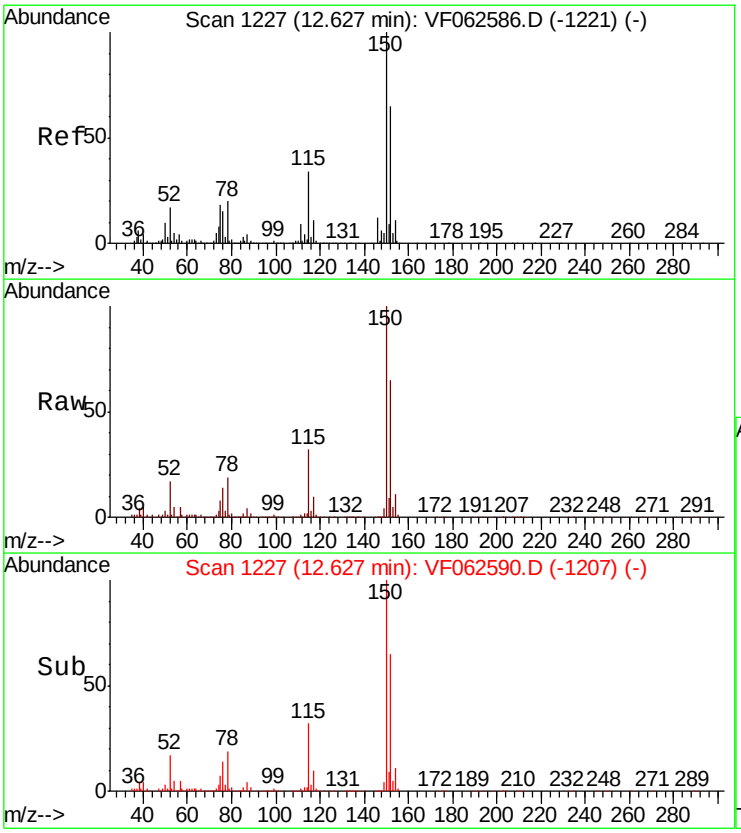
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Instrument : MSVOA_F
ClientSampleId : VF0514SBL01

Tgt Ion:117 Resp: 725512

Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.4	65.0
119	33.7	27.7	41.5

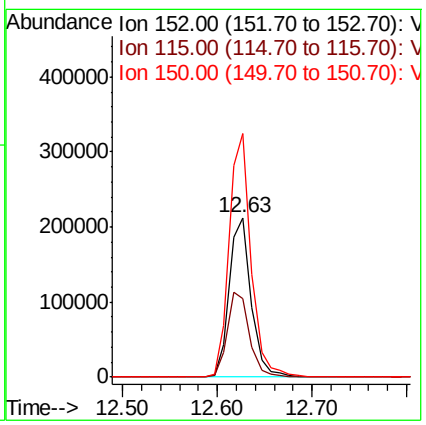


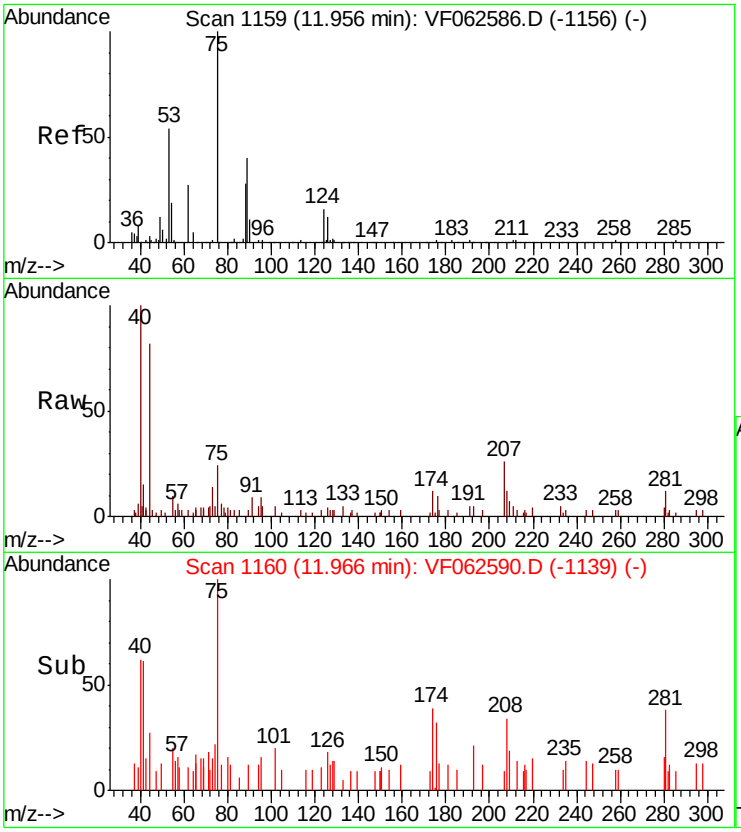


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Tgt Ion:152 Resp: 341632

Ion	Ratio	Lower	Upper
152	100		
115	49.7	26.2	78.6
150	153.0	0.0	316.0





#81
trans-1,4-Dichloro-2-butene
Concen: 1.218 ug/l
RT: 11.97 min Scan# 1160
Delta R.T. 0.01 min
Lab File: VF062590.D
Acq: 14 May 2019 20:13

Instrument :
MSVOA_F
ClientSampleId :
VF0514SBL01

Tgt Ion: 75 Resp: 1566

Ion	Ratio	Lower	Upper
75	100		
53	0.0	46.6	70.0#
89	12.2	33.8	50.8#