Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032219\
Data File : VF062089.D
Acq On : 22 Mar 2019 18:20
Operator : VA/AP
Sample : K2043-05
Misc : 6.01g/5mL/MSVOA-F/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : WP022SB429-190319-FD-(20-22)

Quant Time: Mar 23 04:15:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.90	168	241532	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.63	114	385102	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.81	117	324949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	181231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.88	65	93380	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.96%			
35) Dibromofluoromethane	4.14	113	144102	55.32	ug/l	-0.01
Spiked Amount 50.000			Recovery = 110.64%			
50) Toluene-d8	7.58	98	377446	48.54	ug/l	-0.01
Spiked Amount 50.000			Recovery = 97.08%			
62) 4-Bromofluorobenzene	11.44	95	167481	55.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.58%			
Target Compounds						Qvalue
13) Acrolein	2.05	56	302	2.541	ug/l #	1
16) Acetone	2.25	43	15625	41.324	ug/l	93
18) Methyl Acetate	2.39	43	5588	6.196	ug/l #	56
25) 2-Butanone	4.37	43	3001	3.802	ug/l	99
29) Tetrahydrofuran	4.11	42	843	2.456	ug/l #	68
51) 4-Methyl-2-Pentanone	8.29	43	1787	1.375	ug/l	98
52) Toluene	7.66	92	8410	1.477	ug/l	93
59) 2-Hexanone	9.52	43	1153	1.211	ug/l #	60

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

Quantitation Report (Not Reviewed)

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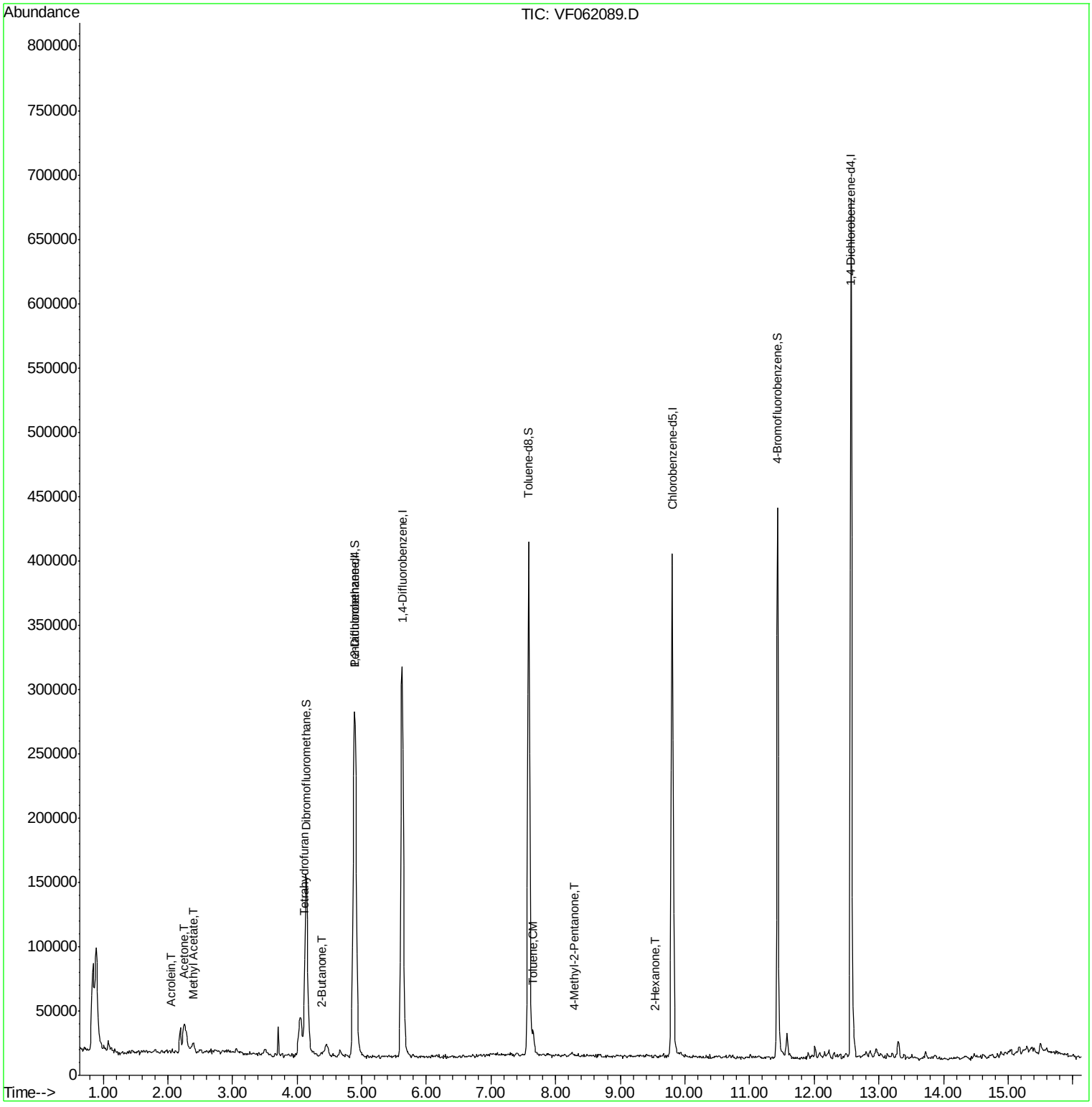
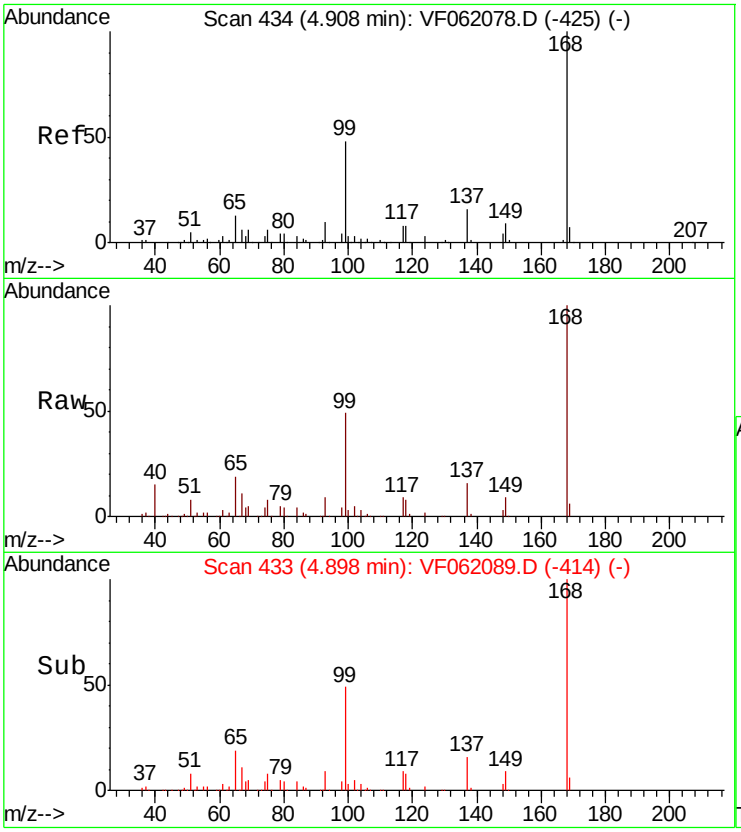
Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-FD-(20-22)

Quant Time: Mar 23 04:15:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration



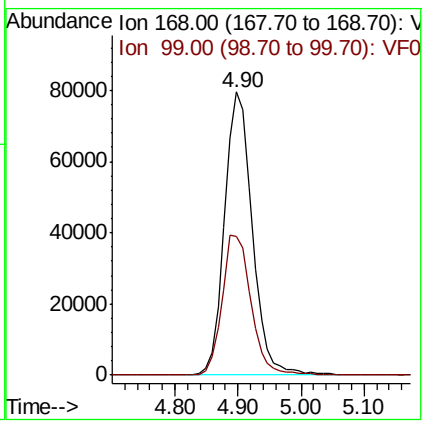


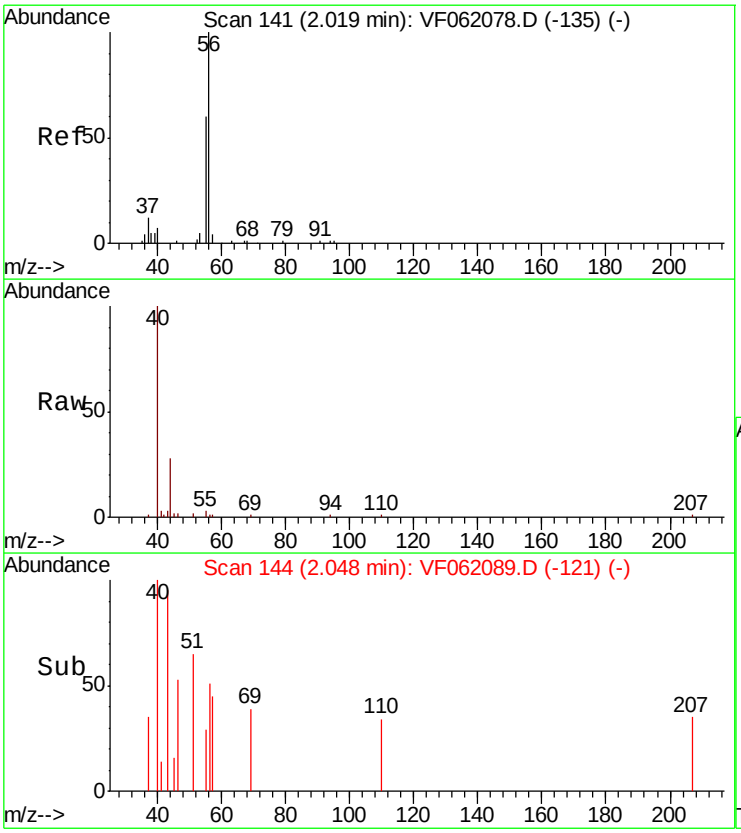
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.90 min Scan# 433
Delta R.T. -0.01 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-FD-(20-22)

Tgt Ion:168 Resp: 241532

Ion	Ratio	Lower	Upper
168	100		
99	49.0	38.2	57.4

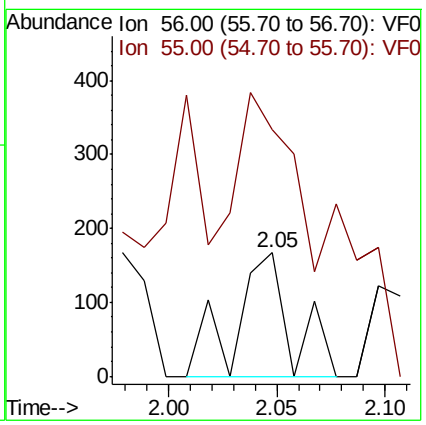


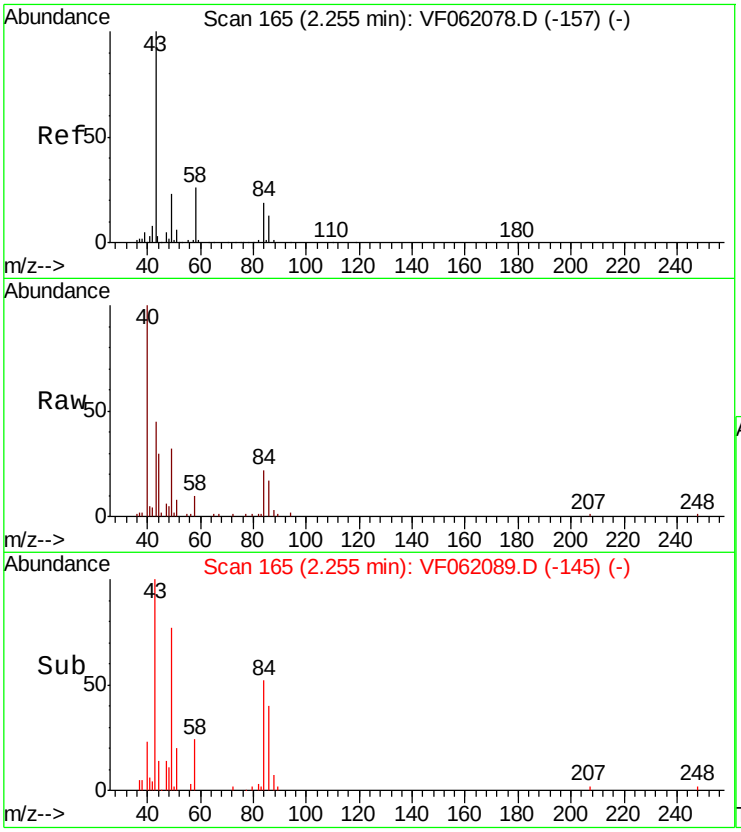


#13
Acrolein
Concen: 2.541 ug/l
RT: 2.05 min Scan# 144
Delta R.T. 0.03 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Tgt Ion: 56 Resp: 302

Ion	Ratio	Lower	Upper
56	100		
55	200.0	49.0	73.4#



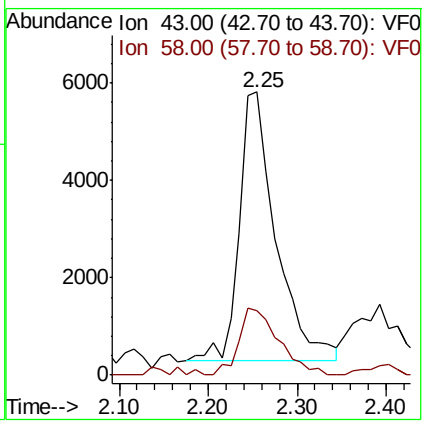


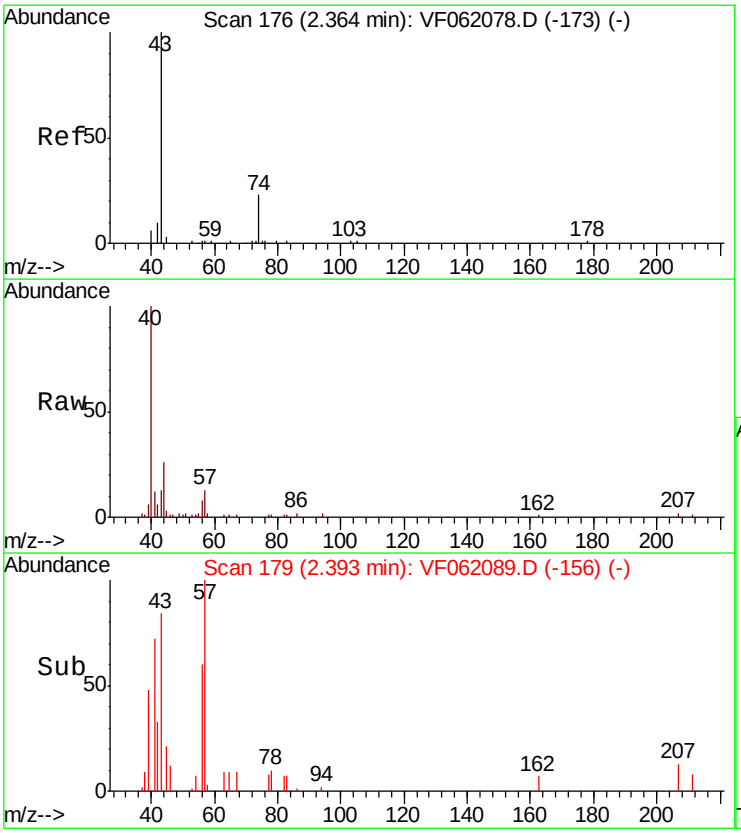
#16
Acetone
Concen: 41.324 ug/l
RT: 2.25 min Scan# 165
Delta R.T. -0.00 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-FD-(20-22)

Tgt Ion: 43 Resp: 15625

Ion	Ratio	Lower	Upper
43	100		
58	22.6	20.8	31.2

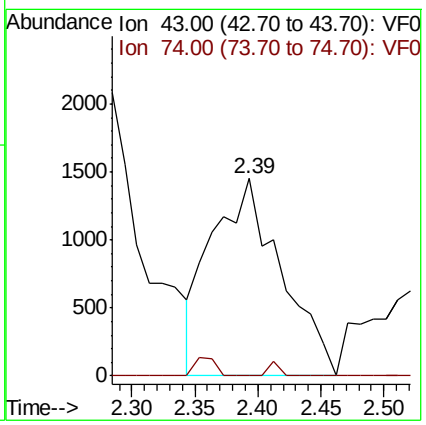


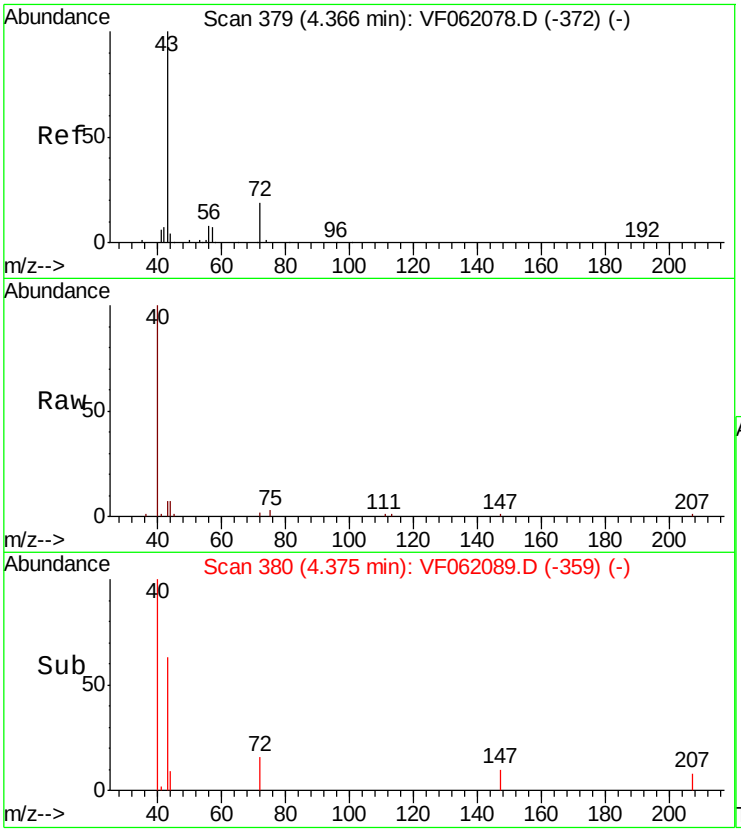


#18
Methyl Acetate
Concen: 6.196 ug/l
RT: 2.39 min Scan# 179
Delta R.T. 0.03 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Tgt Ion: 43 Resp: 5588

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.3	24.5#



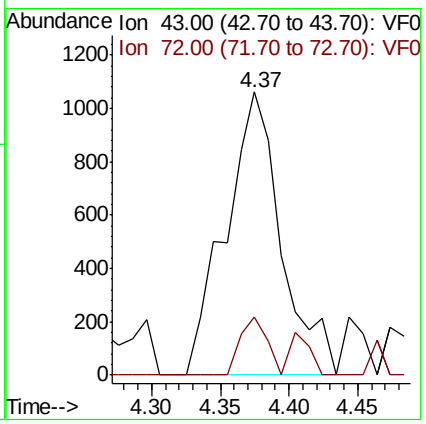


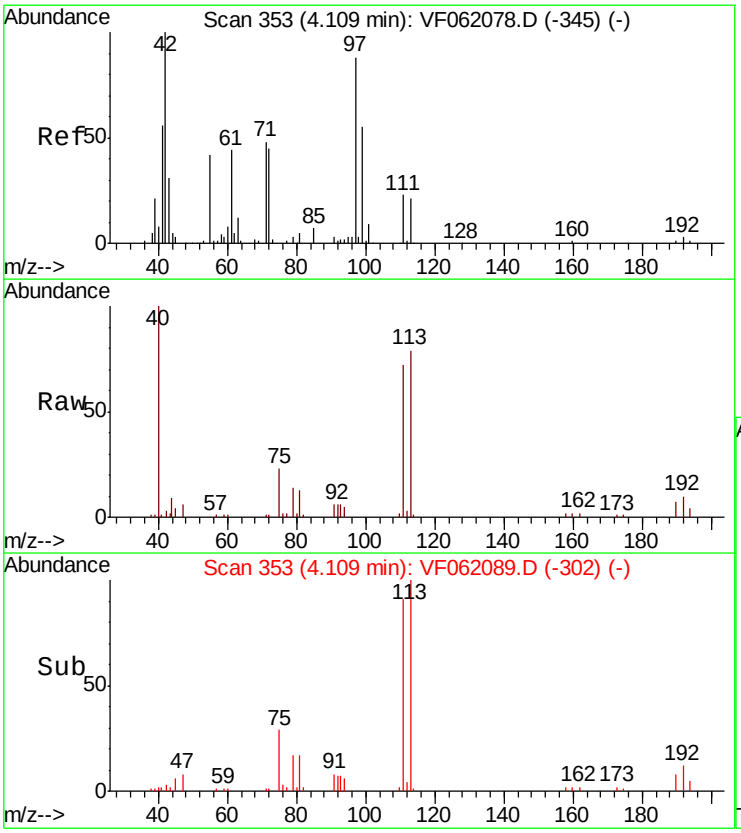
#25
2-Butanone
Concen: 3.802 ug/l
RT: 4.37 min Scan# 380
Delta R.T. 0.01 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-FD-(20-22)

Tgt Ion: 43 Resp: 3001

Ion	Ratio	Lower	Upper
43	100		
72	20.4	16.7	25.1

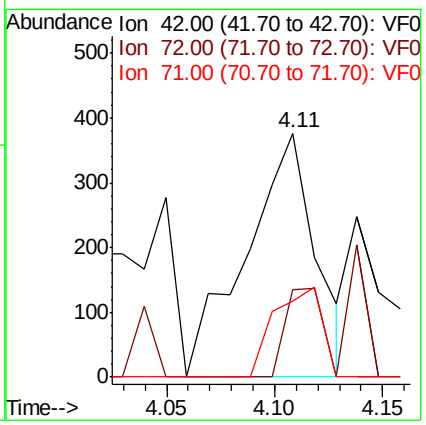


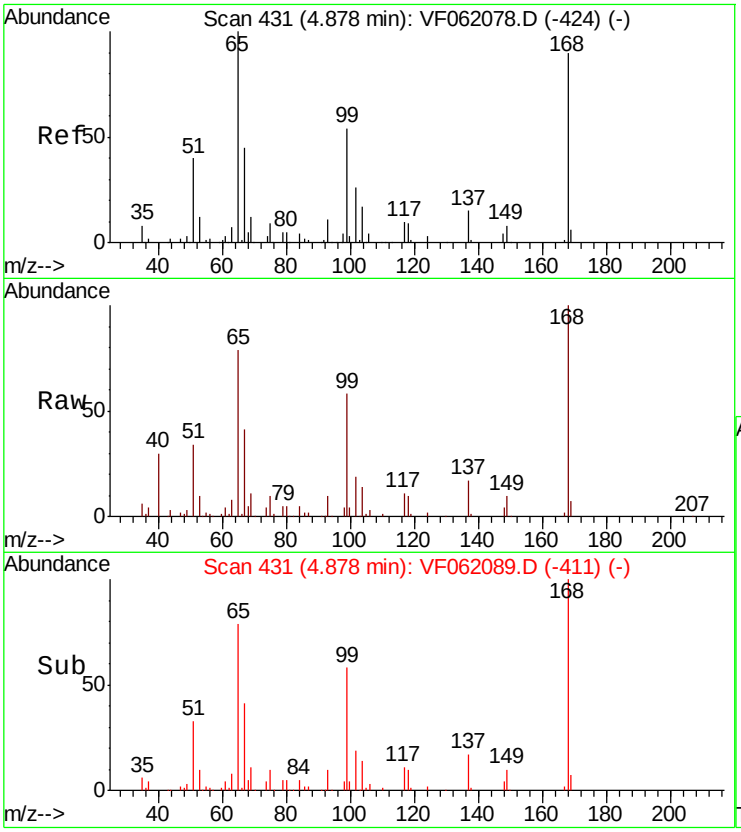


#29
Tetrahydrofuran
Concen: 2.456 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.00 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Tgt Ion: 42 Resp: 843

Ion	Ratio	Lower	Upper
42	100		
72	19.1	33.3	49.9#
71	25.1	35.0	52.4#



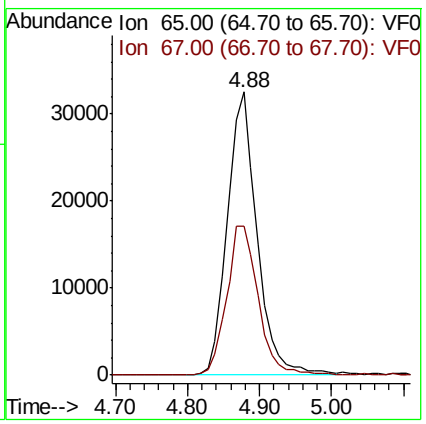


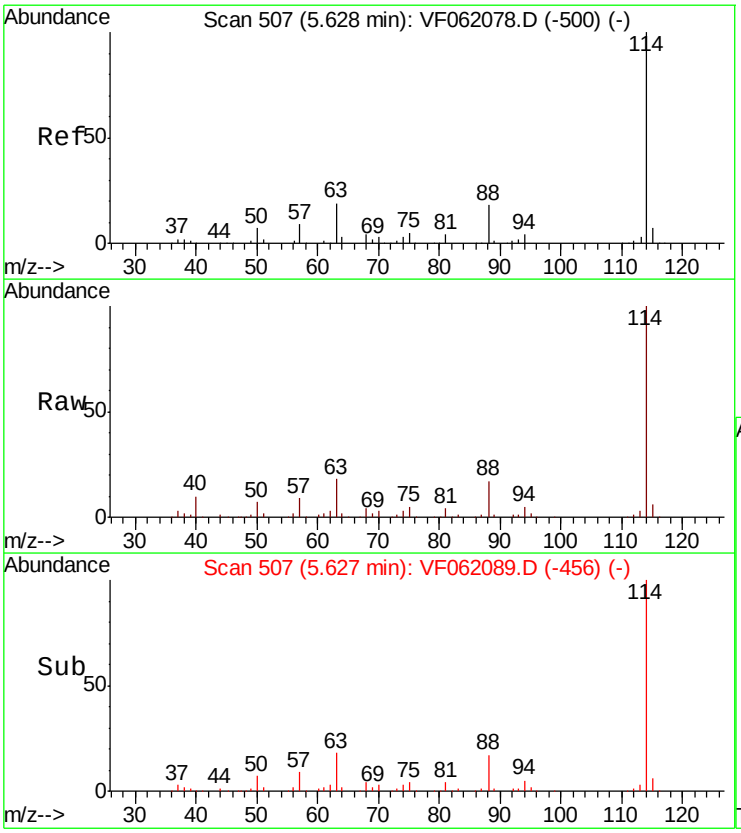
#33
1,2-Dichloroethane-d4
Concen: 51.978 ug/l
RT: 4.88 min Scan# 431
Delta R.T. -0.00 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-FD-(20-22)

Tgt Ion: 65 Resp: 93380

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.2

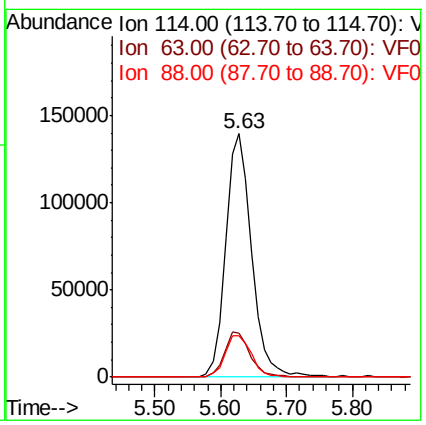


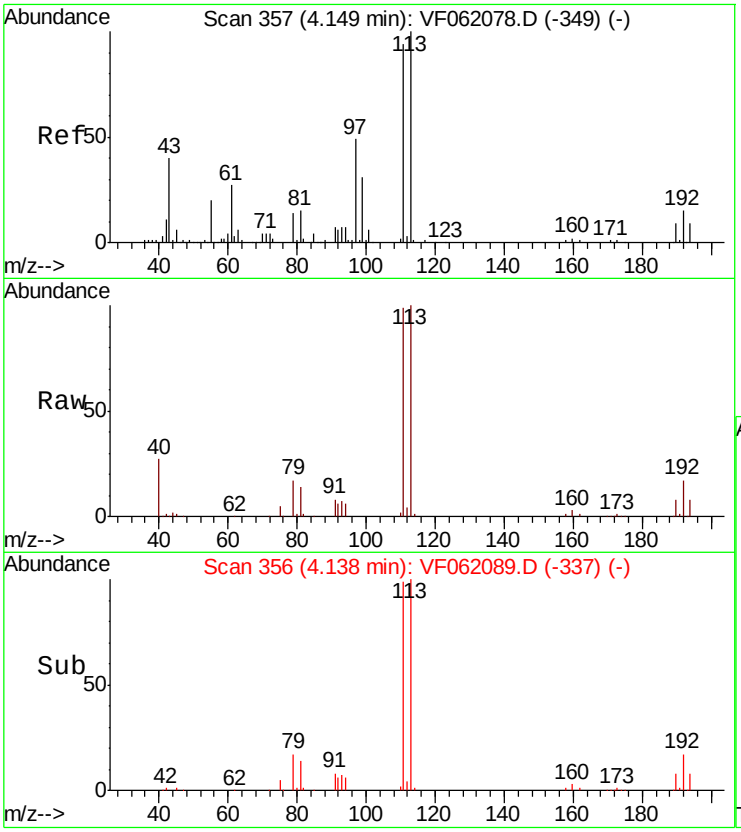


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 507
Delta R.T. -0.00 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Tgt Ion:114 Resp: 385102

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	37.8
88	17.2	0.0	36.4



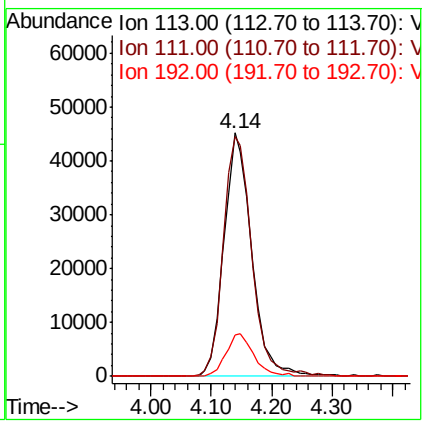


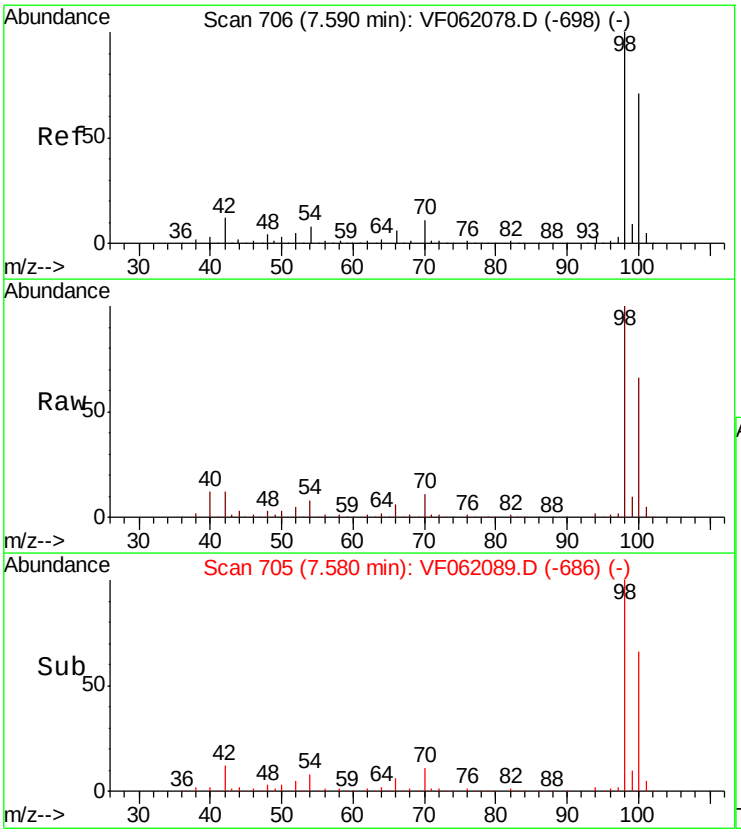
#35
Dibromofluoromethane
Concen: 55.316 ug/l
RT: 4.14 min Scan# 356
Delta R.T. -0.01 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-FD-(20-22)

Tgt Ion:113 Resp: 144102

Ion	Ratio	Lower	Upper
113	100		
111	98.5	75.4	113.0
192	17.0	12.3	18.5

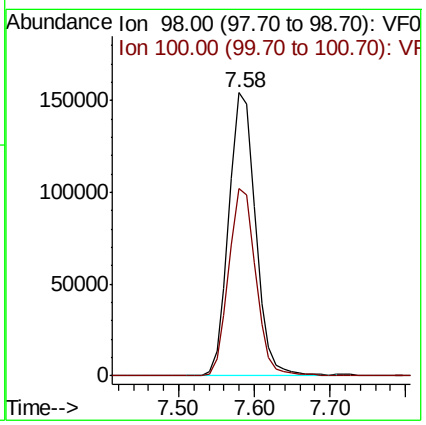


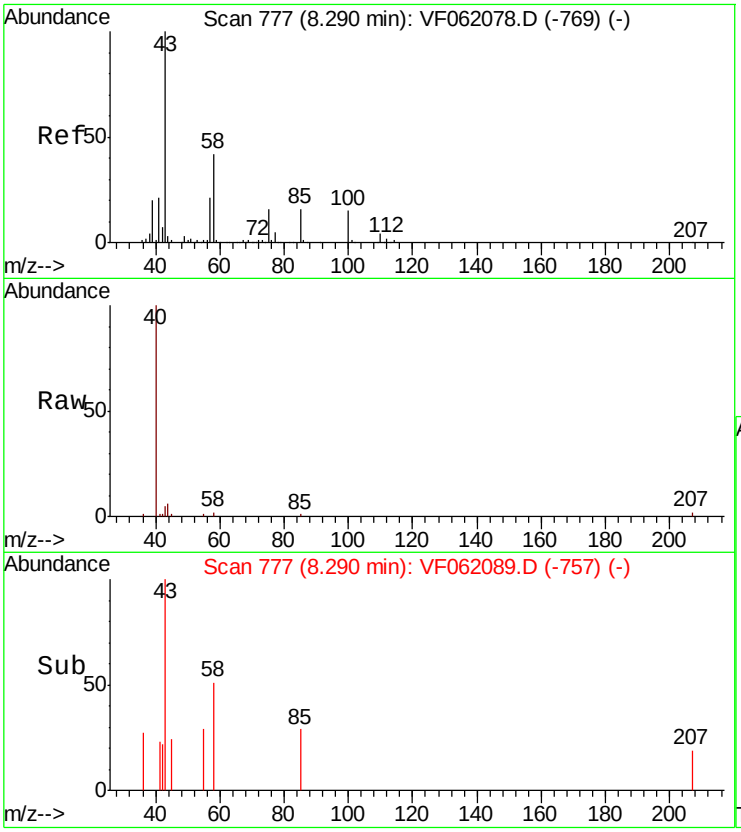


#50
Toluene-d8
Concen: 48.539 ug/l
RT: 7.58 min Scan# 705
Delta R.T. -0.01 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Tgt Ion: 98 Resp: 377446

Ion	Ratio	Lower	Upper
98	100		
100	66.4	57.0	85.6



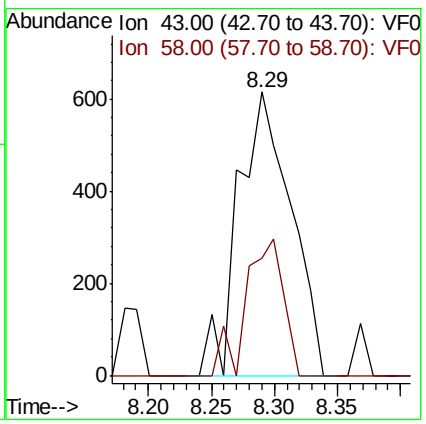


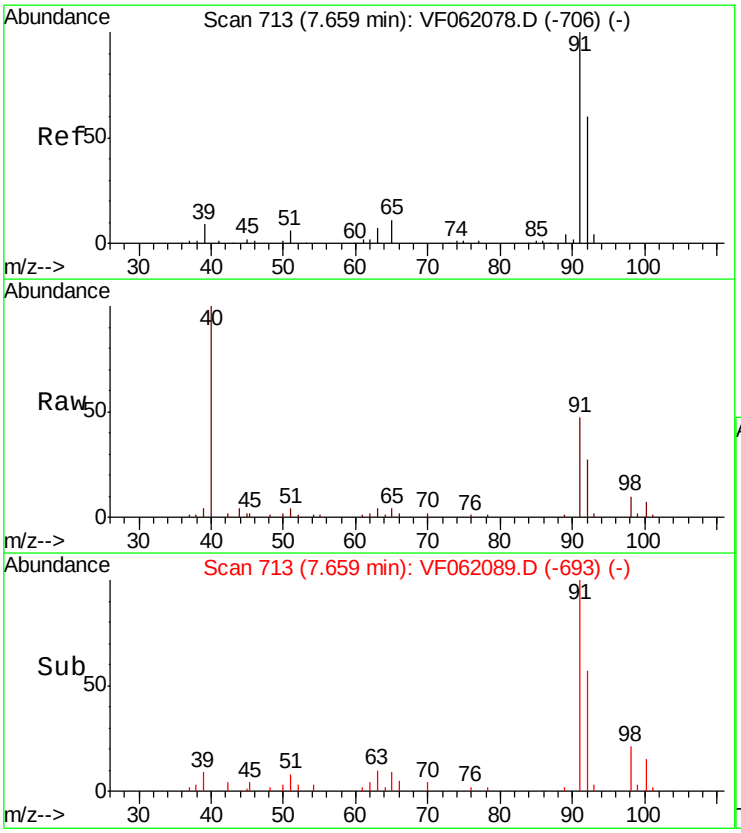
#51
4-Methyl-2-Pentanone
Concen: 1.375 ug/l
RT: 8.29 min Scan# 777
Delta R.T. -0.00 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-FD-(20-22)

Tgt Ion: 43 Resp: 1787

Ion	Ratio	Lower	Upper
43	100		
58	41.3	33.8	50.8

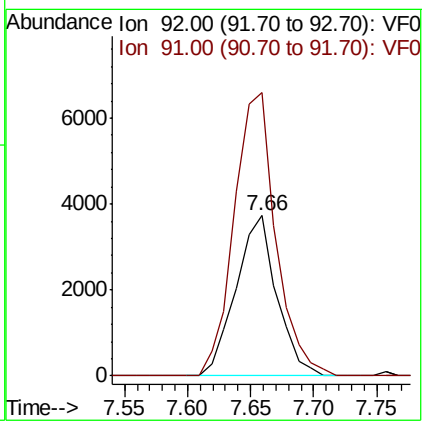


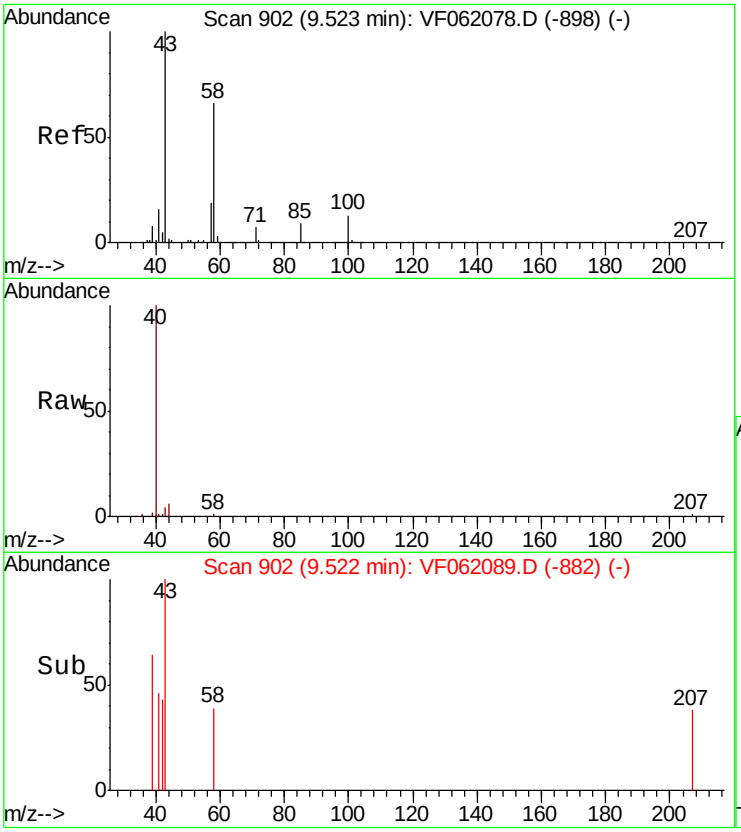


#52
Toluene
Concen: 1.477 ug/l
RT: 7.66 min Scan# 713
Delta R.T. -0.00 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Tgt Ion: 92 Resp: 8410

Ion	Ratio	Lower	Upper
92	100		
91	176.7	134.1	201.1



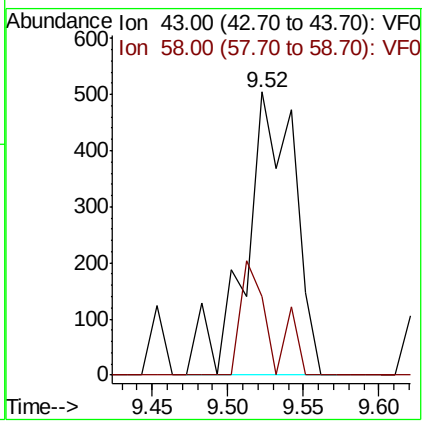


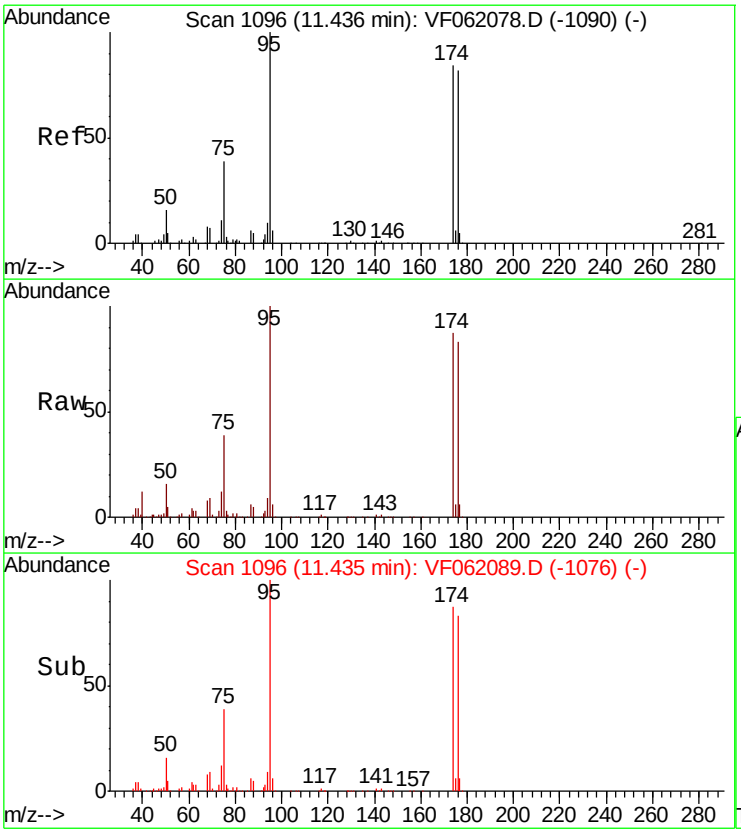
#59
2-Hexanone
Concen: 1.211 ug/l
RT: 9.52 min Scan# 902
Delta R.T. -0.00 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-FD-(20-22)

Tgt Ion: 43 Resp: 1153

Ion	Ratio	Lower	Upper
43	100		
58	27.8	28.8	86.4#

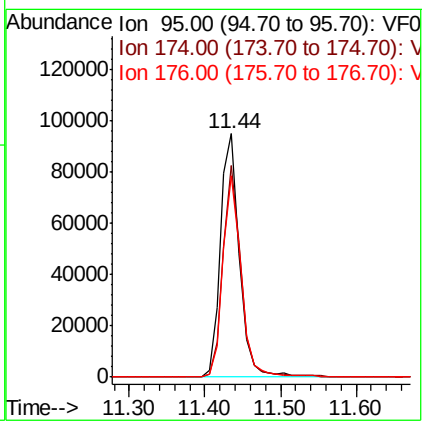


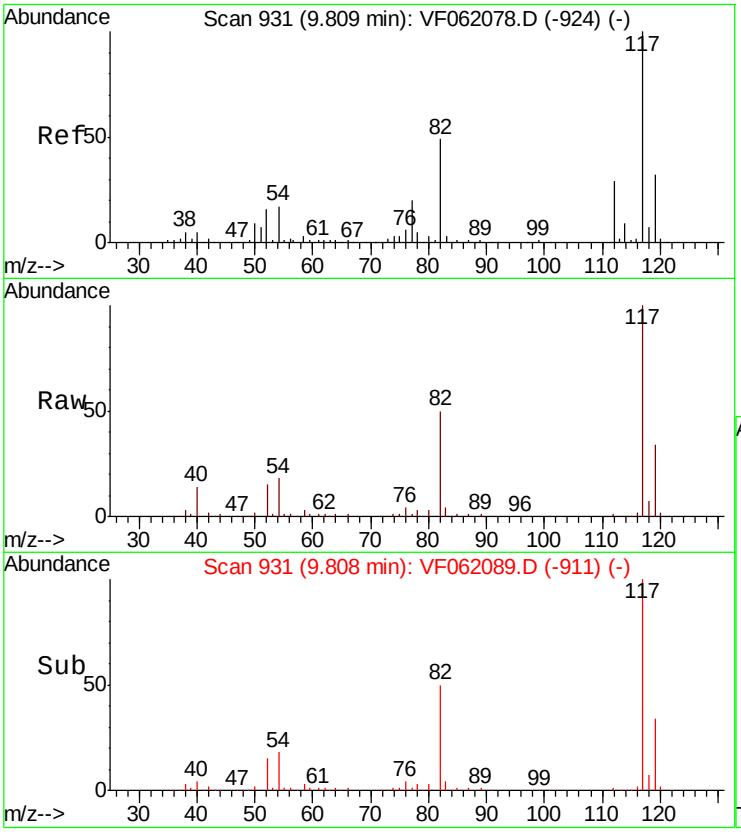


#62
4-Bromofluorobenzene
Concen: 55.789 ug/l
RT: 11.44 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Tgt Ion: 95 Resp: 167481

Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	168.2
176	82.8	0.0	164.2



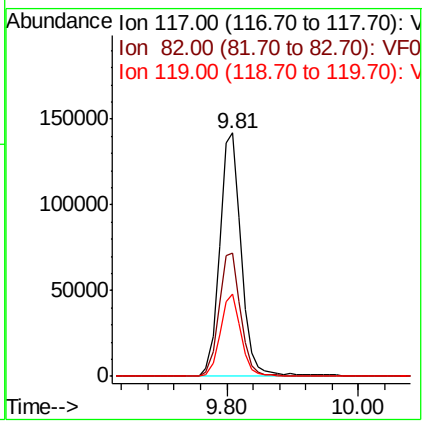


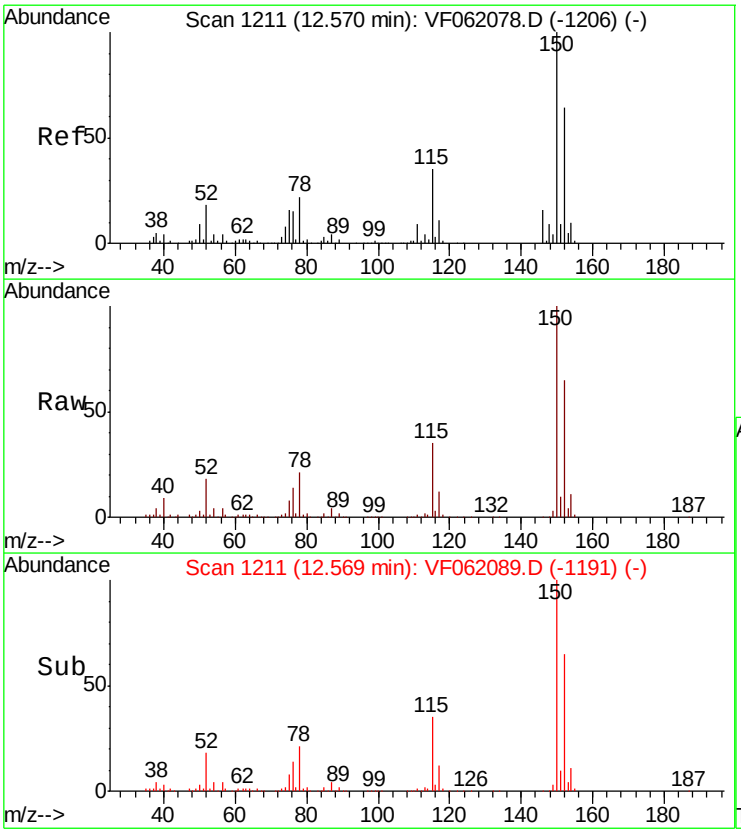
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.81 min Scan# 931
Delta R.T. -0.00 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Instrument :
MSVOA_F
ClientSampleId :
WP022SB429-190319-FD-(20-22)

Tgt Ion:117 Resp: 324949

Ion	Ratio	Lower	Upper
117	100		
82	50.4	39.2	58.8
119	33.9	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. -0.00 min
Lab File: VF062089.D
Acq: 22 Mar 2019 18:20

Tgt Ion:152 Resp: 181231

Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.7	83.1
150	153.8	0.0	313.2