Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062496.D
Acq On : 12 May 2019 11:52
Operator : FY/SY
Sample : VF0512SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0512SBL01

Quant Time: May 13 04:42:59 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	333427	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	429600	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	392203	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	258539	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	164420	52.18	ug/l	0.02
Spiked Amount 50.000			Recovery = 104.36%			
35) Dibromofluoromethane	4.32	113	207675	60.68	ug/l	0.02
Spiked Amount 50.000			Recovery = 121.36%			
50) Toluene-d8	7.73	98	443800	53.57	ug/l	0.02
Spiked Amount 50.000			Recovery = 107.14%			
62) 4-Bromofluorobenzene	11.50	95	215299	57.60	ug/l	0.01
Spiked Amount 50.000			Recovery = 115.20%			
Target Compounds						Qvalue
5) Bromomethane	1.43	94	554	Below Cal	#	6
11) Tert butyl alcohol	2.70	59	593	3.330	ug/l #	1
13) Acrolein	2.10	56	731	Below Cal	#	60
15) Acrylonitrile	3.09	53	787	2.333	ug/l #	70
16) Acetone	2.36	43	2525	3.961	ug/l	99
18) Methyl Acetate	2.45	43	685	Below Cal	#	1
29) Tetrahydrofuran	4.26	42	642	1.744	ug/l #	51
37) Ethyl Acetate	4.32	43	606	Below Cal	#	1
38) Carbon Tetrachloride	4.20	117	259	Below Cal	#	14
39) Methylcyclohexane	5.79	83	7034	1.900	ug/l #	33
49) 1,4-Dioxane	6.93	88	101	Below Cal	#	16
51) 4-Methyl-2-Pentanone	8.42	43	1447	1.138	ug/l	96
59) 2-Hexanone	9.65	43	3827	4.350	ug/l	64

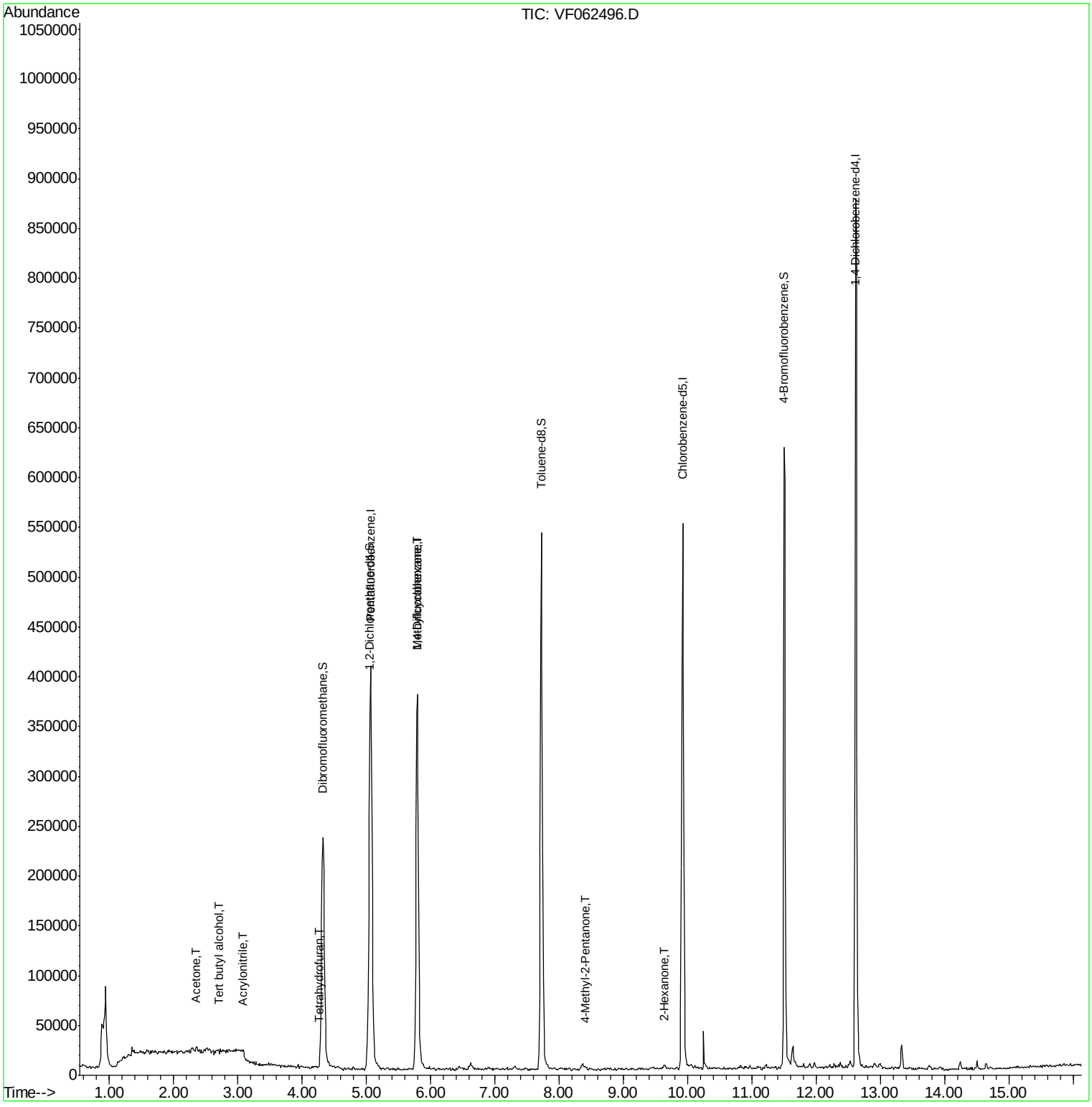
(#) = qualifier out of range (m) = manual integration (+) = signals summed

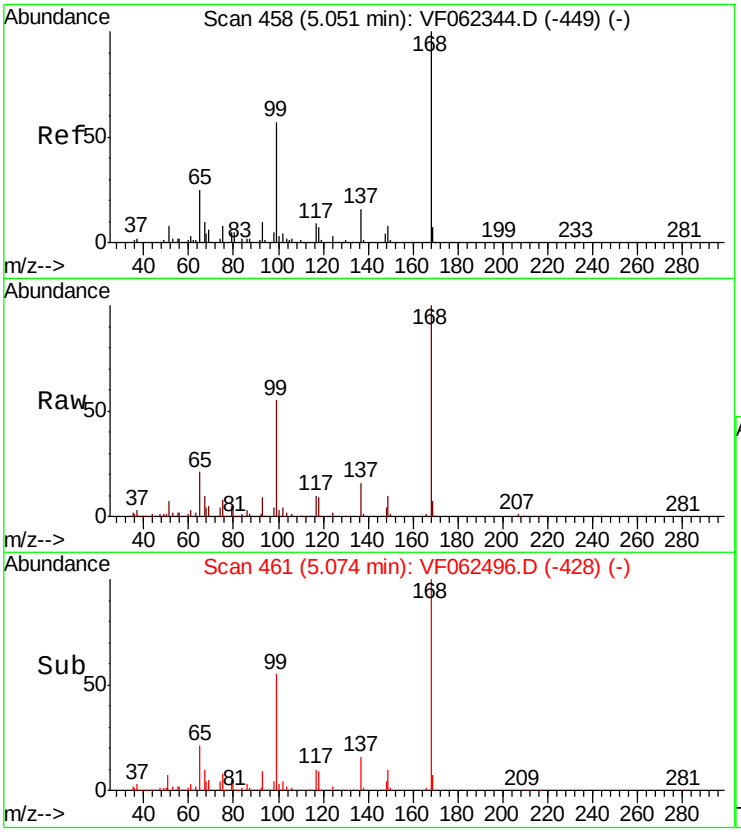
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051219\
Data File : VF062496.D
Acq On : 12 May 2019 11:52
Operator : FY/SY
Sample : VF0512SBL01
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : VF0512SBL01

Quant Time: May 13 04:42:59 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



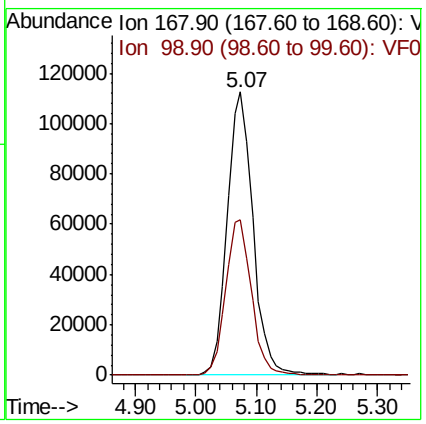


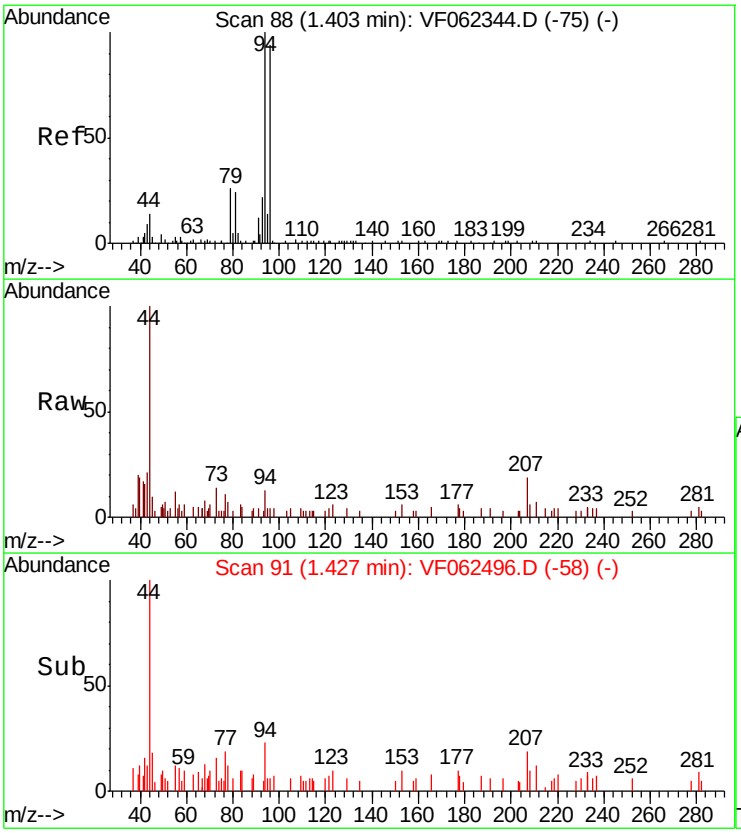
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 461
Delta R.T. 0.02 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Instrument :
MSVOA_F
ClientSampleId :
VF0512SBL01

Tgt Ion:168 Resp: 333427

Ion	Ratio	Lower	Upper
168	100		
99	54.8	45.9	68.9

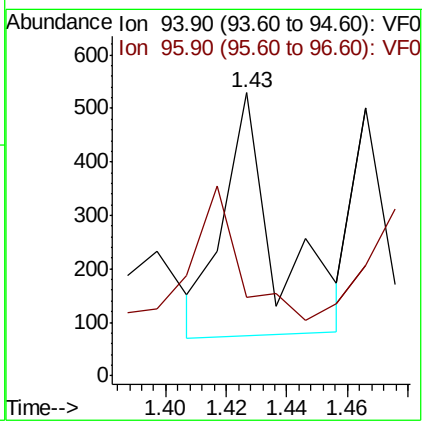


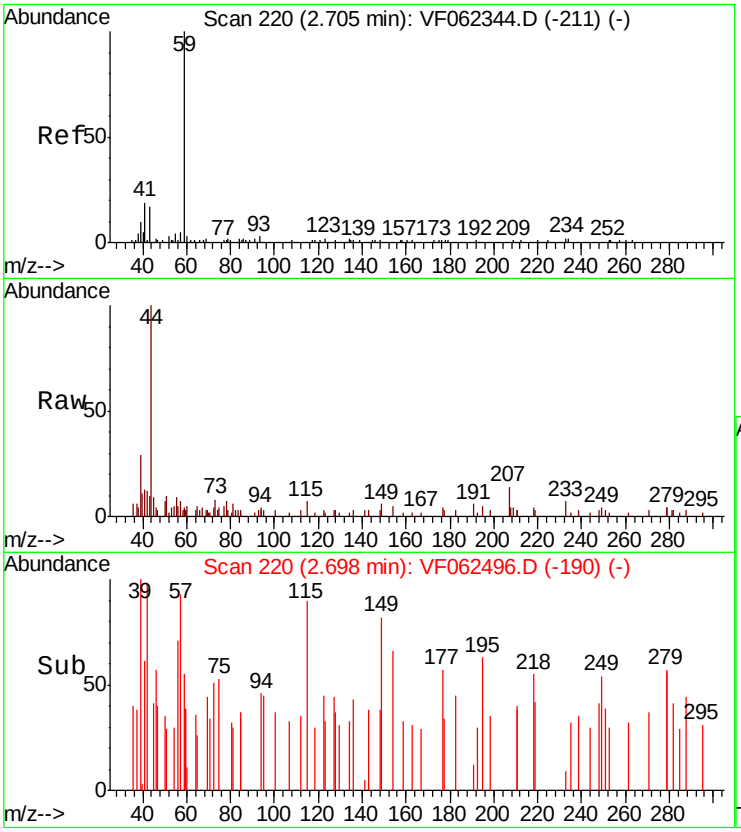


#5
Bromomethane
Concen: Below Cal
RT: 1.43 min Scan# 91
Delta R.T. 0.02 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Tgt Ion: 94 Resp: 554

Ion	Ratio	Lower	Upper
94	100		
96	3.4	75.4	113.2#



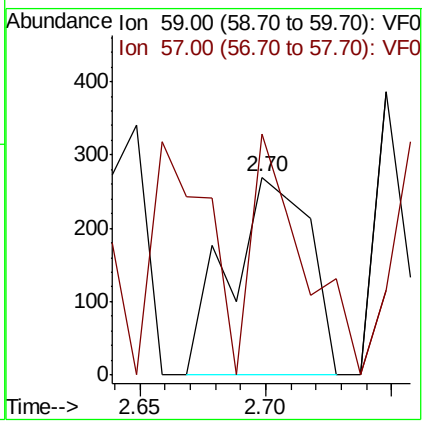


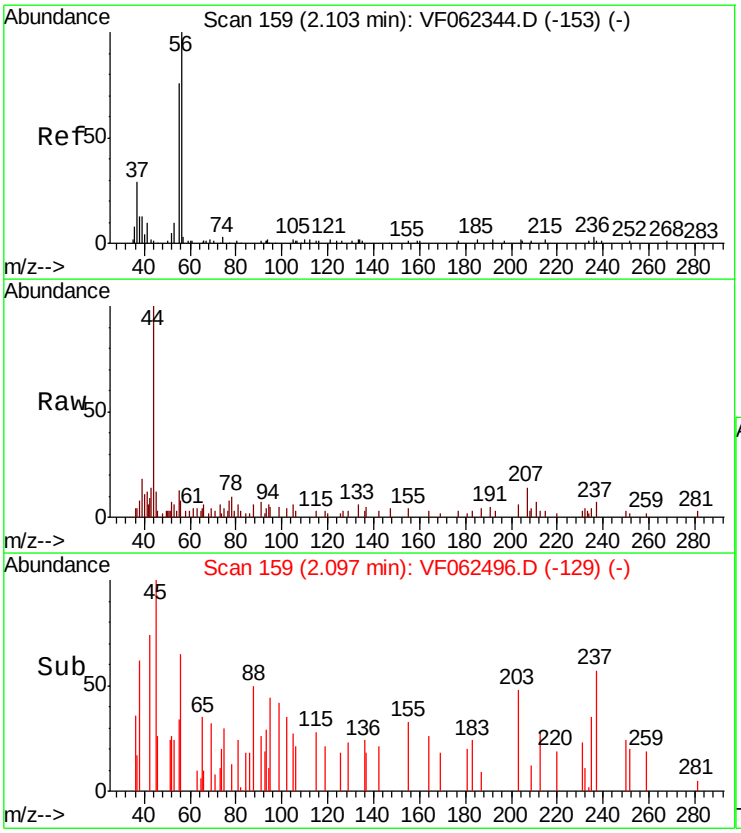
#11
Tert butyl alcohol
Concen: 3.330 ug/l
RT: 2.70 min Scan# 220
Delta R.T. -0.01 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Instrument : MSVOA_F
ClientSampleId : VF0512SBL01

Tgt Ion: 59 Resp: 593

Ion	Ratio	Lower	Upper
59	100		
57	78.8	9.3	13.9#

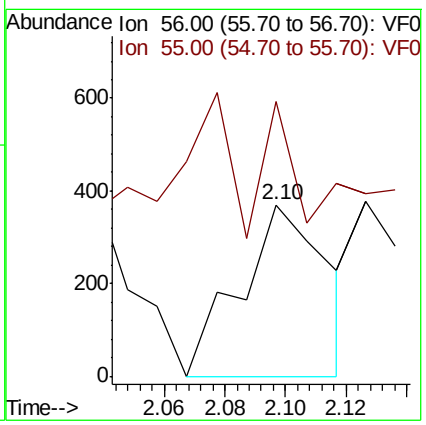


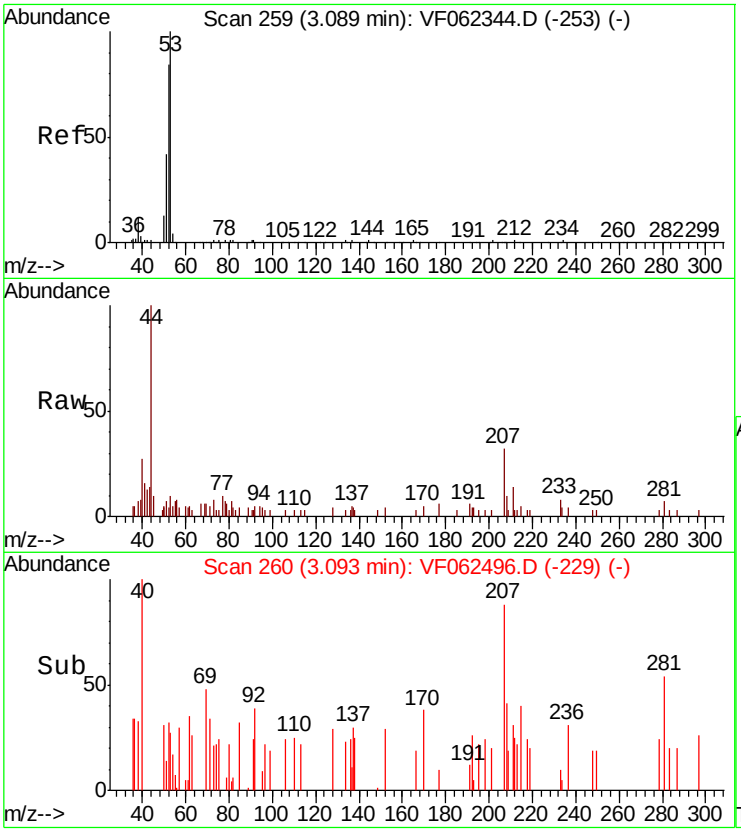


#13
Acrolein
Concen: Below Cal
RT: 2.10 min Scan# 159
Delta R.T. -0.01 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Tgt Ion: 56 Resp: 731

Ion	Ratio	Lower	Upper
56	100		
55	39.5	58.4	87.6#



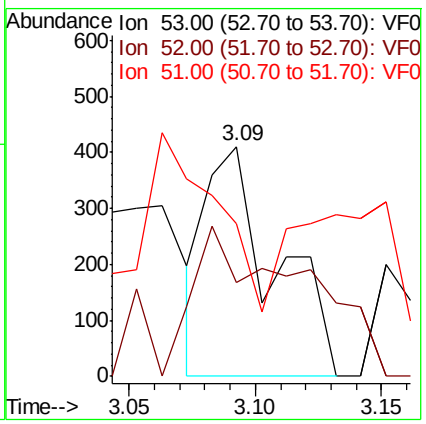


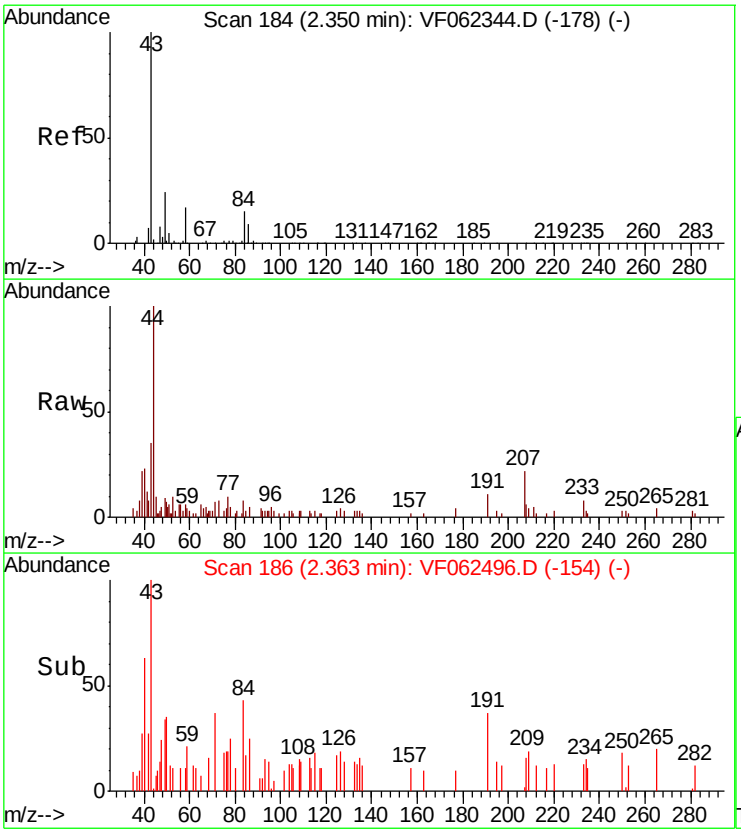
#15
Acrylonitrile
Concen: 2.333 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.00 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Instrument :
MSVOA_F
ClientSampleId :
VF0512SBL01

Tgt Ion: 53 Resp: 787

Ion	Ratio	Lower	Upper
53	100		
52	103.8	77.2	115.8
51	0.0	40.6	61.0#

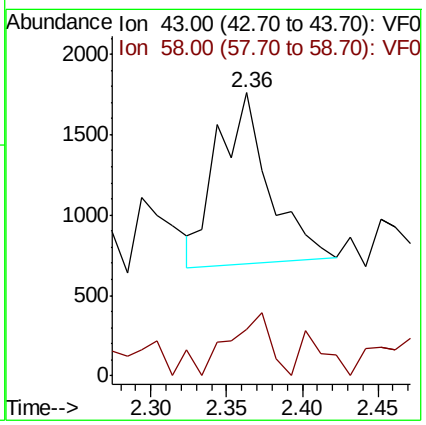


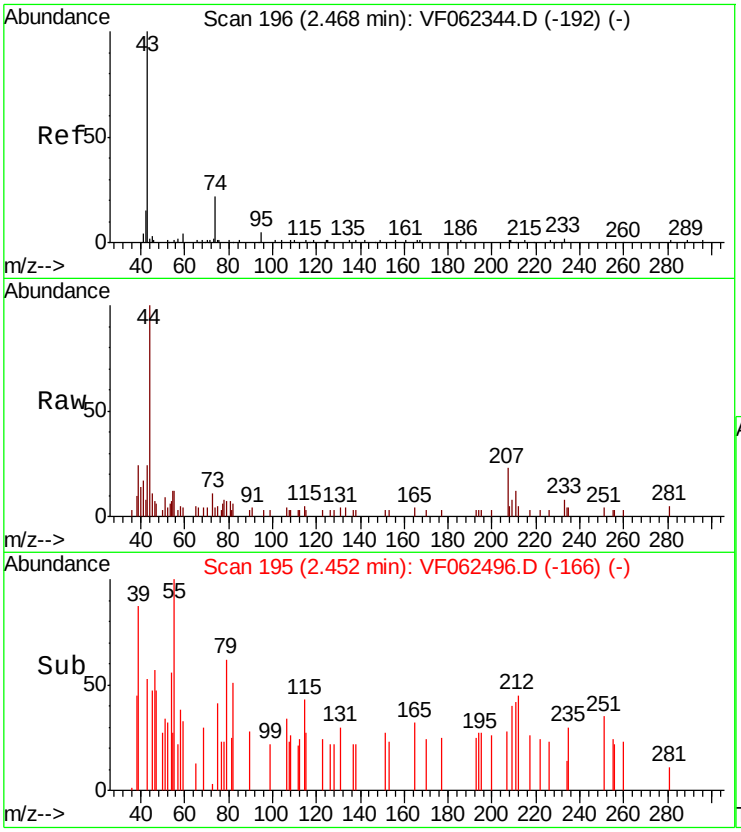


#16
Acetone
Concen: 3.961 ug/l
RT: 2.36 min Scan# 186
Delta R.T. 0.01 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Tgt Ion: 43 Resp: 2525

Ion	Ratio	Lower	Upper
43	100		
58	15.8	13.1	19.7



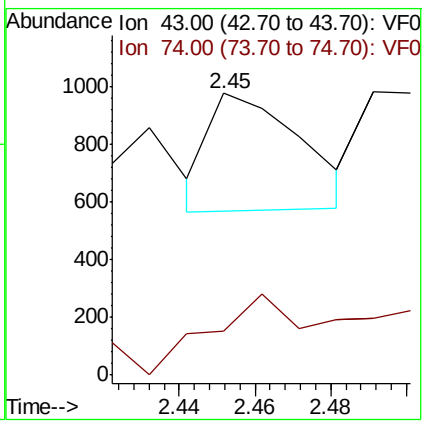


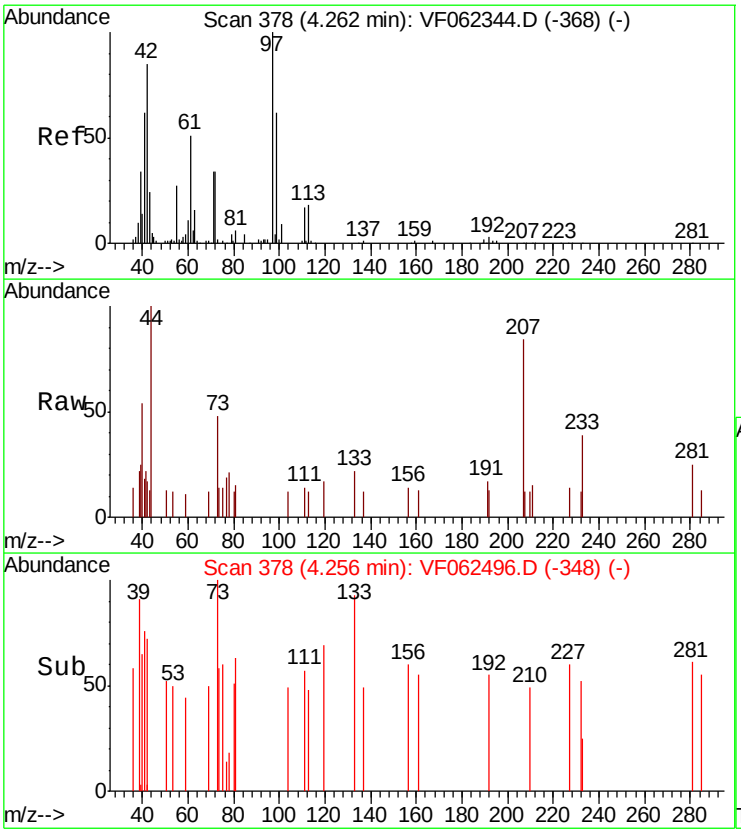
#18
Methyl Acetate
Concen: Below Cal
RT: 2.45 min Scan# 195
Delta R.T. -0.02 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Instrument : MSVOA_F
ClientSampleId : VF0512SBL01

Tgt Ion: 43 Resp: 685

Ion	Ratio	Lower	Upper
43	100		
74	116.6	15.0	22.4#

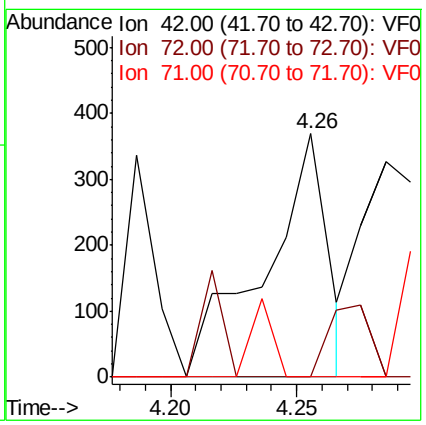


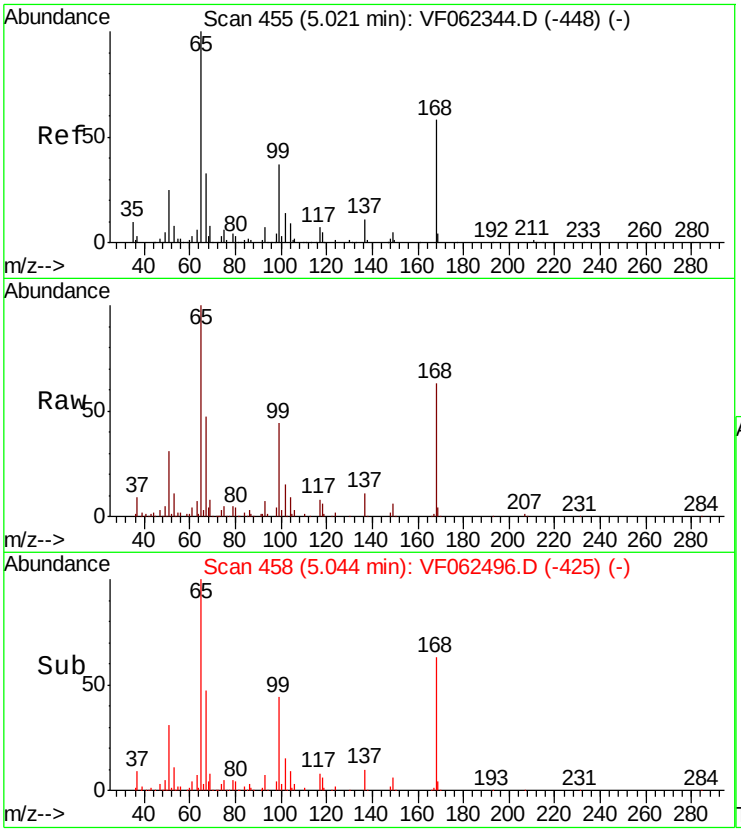


#29
Tetrahydrofuran
Concen: 1.744 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.01 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Tgt Ion: 42 Resp: 642

Ion	Ratio	Lower	Upper
42	100		
72	19.3	31.4	47.0#
71	0.0	31.7	47.5#



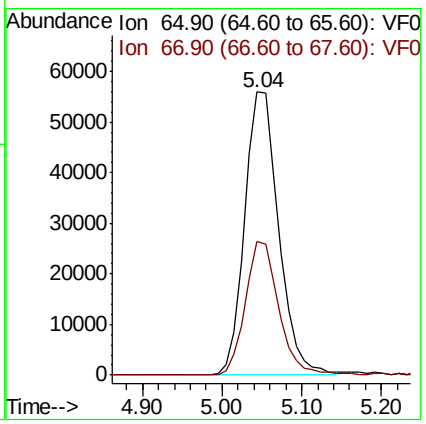


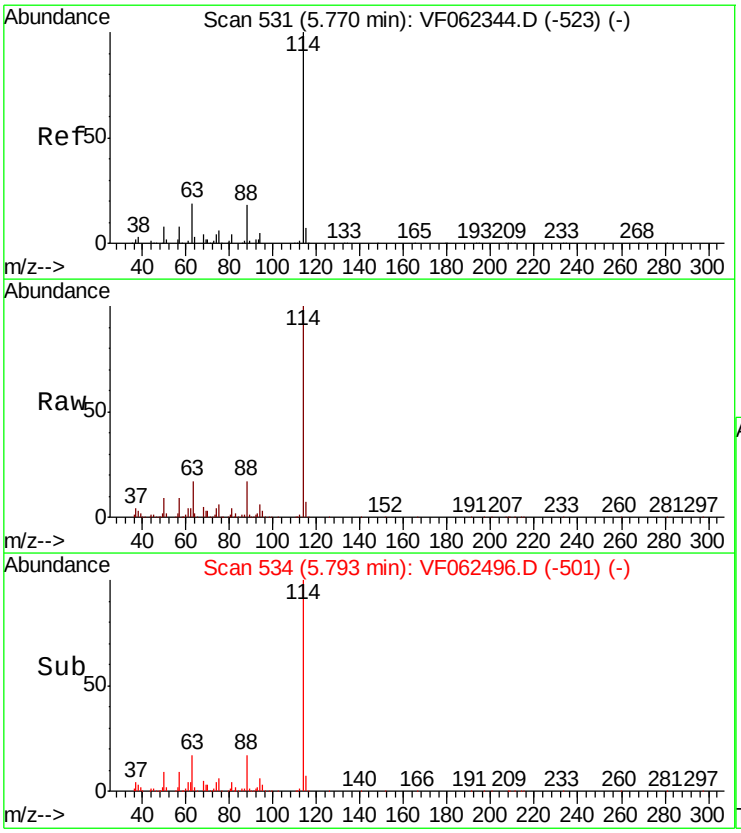
#33
1,2-Dichloroethane-d4
Concen: 52.180 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.02 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Instrument : MSVOA_F
ClientSampleId : VF0512SBL01

Tgt Ion: 65 Resp: 164420

Ion	Ratio	Lower	Upper
65	100		
67	46.4	0.0	85.8

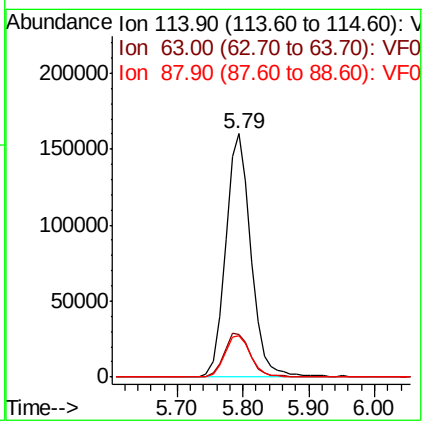


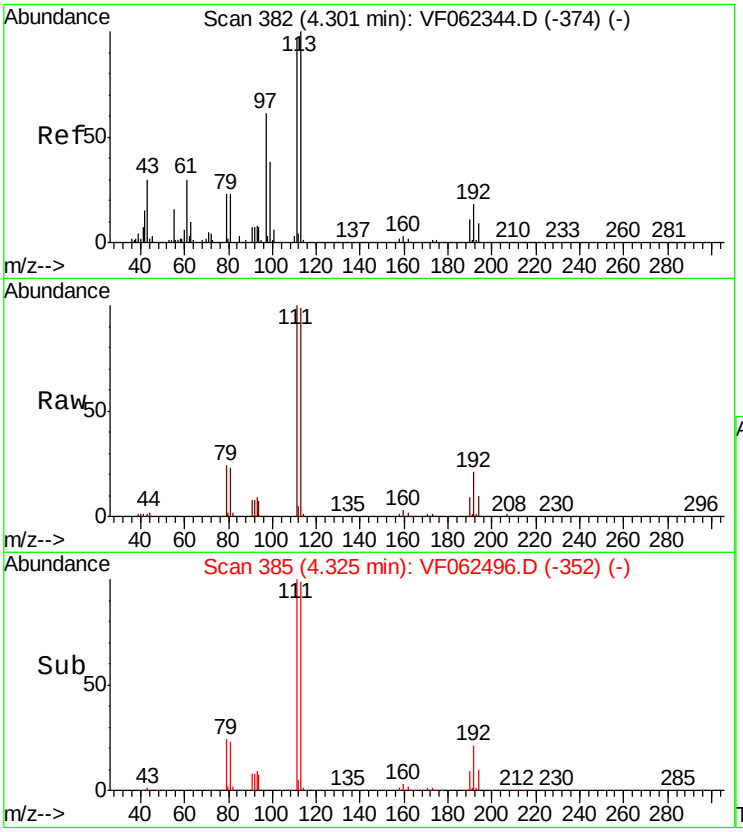


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.02 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Tgt Ion:114 Resp: 429600

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	37.4
88	16.9	0.0	36.4



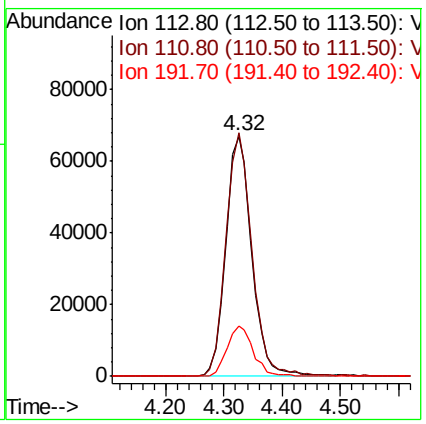


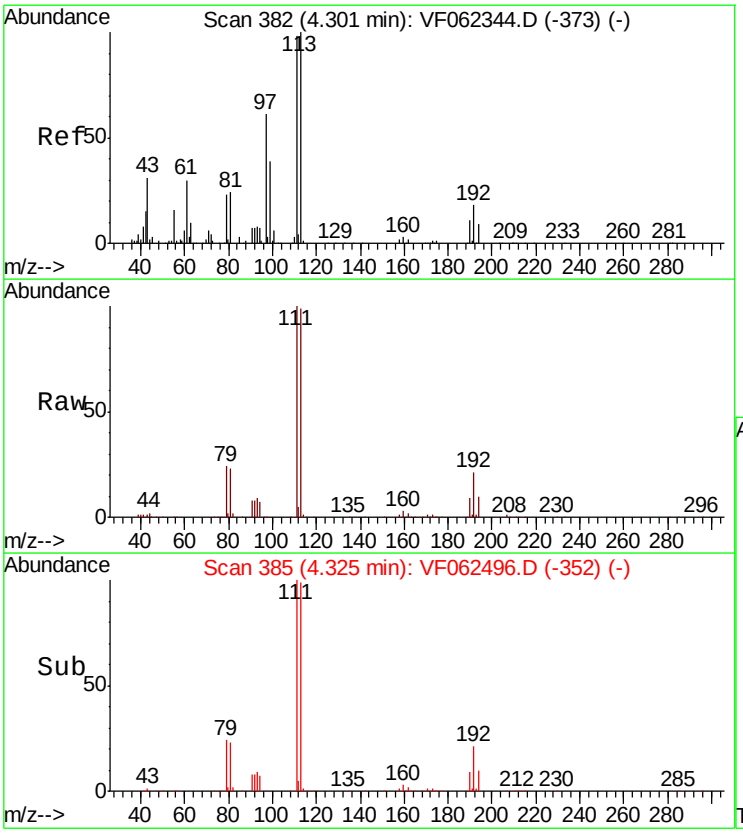
#35
Dibromofluoromethane
Concen: 60.678 ug/l
RT: 4.32 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Instrument :
MSVOA_F
ClientSampleId :
VF0512SBL01

Tgt Ion:113 Resp: 207675

Ion	Ratio	Lower	Upper
113	100		
111	102.0	79.4	119.0
192	21.3	16.0	24.0

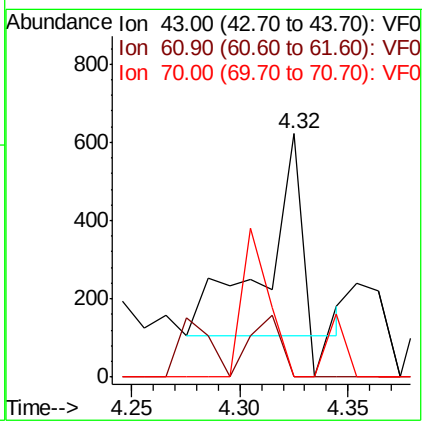


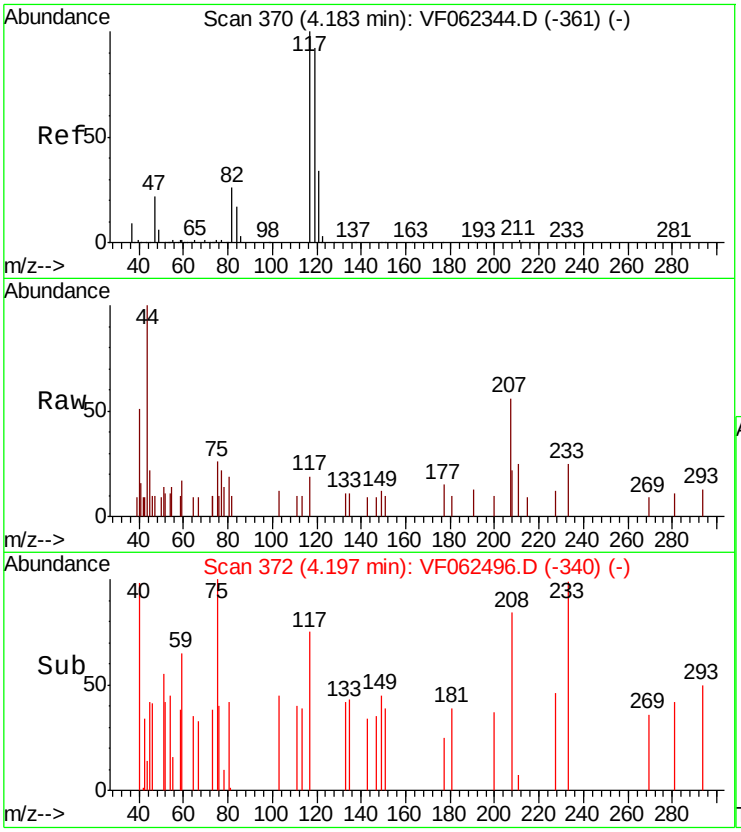


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Tgt Ion: 43 Resp: 606

Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	54.6	8.2	12.2#



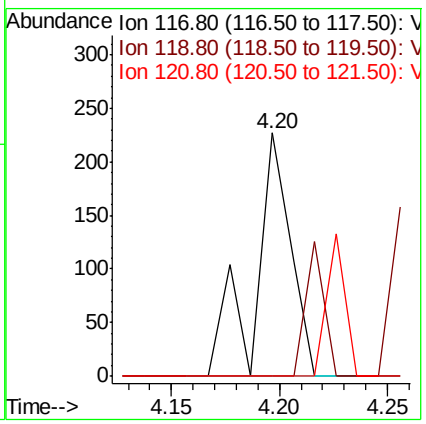


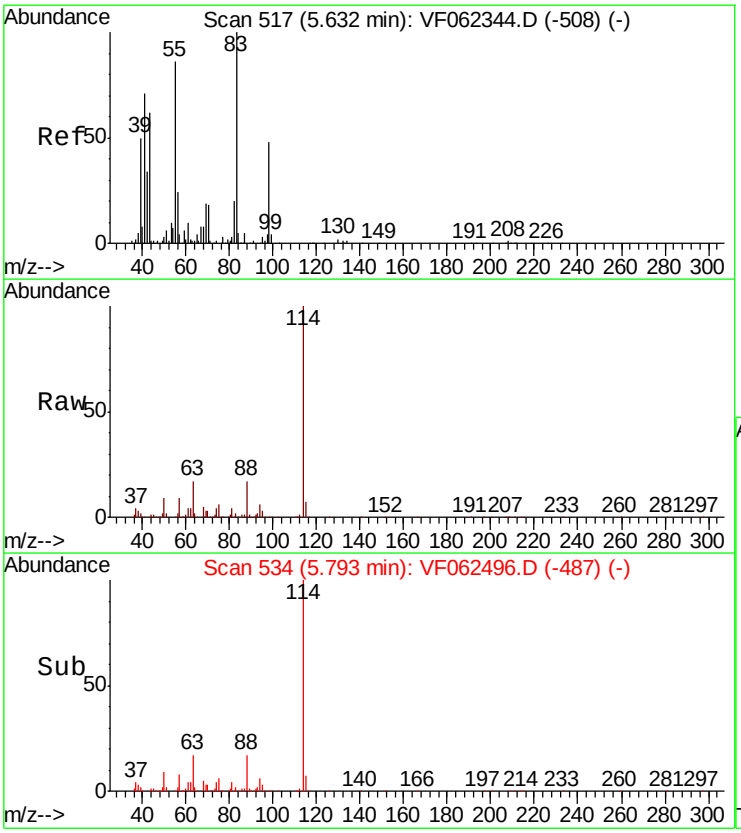
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.20 min Scan# 372
Delta R.T. 0.01 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Instrument : MSVOA_F
ClientSampleId : VF0512SBL01

Tgt Ion:117 Resp: 259

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

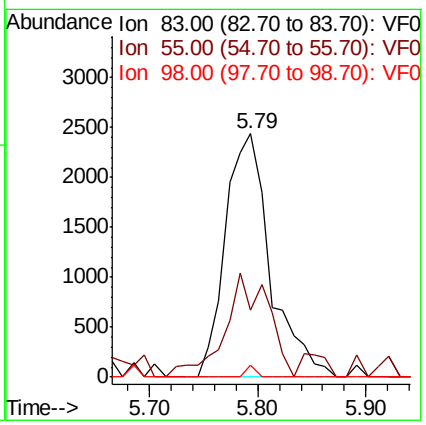


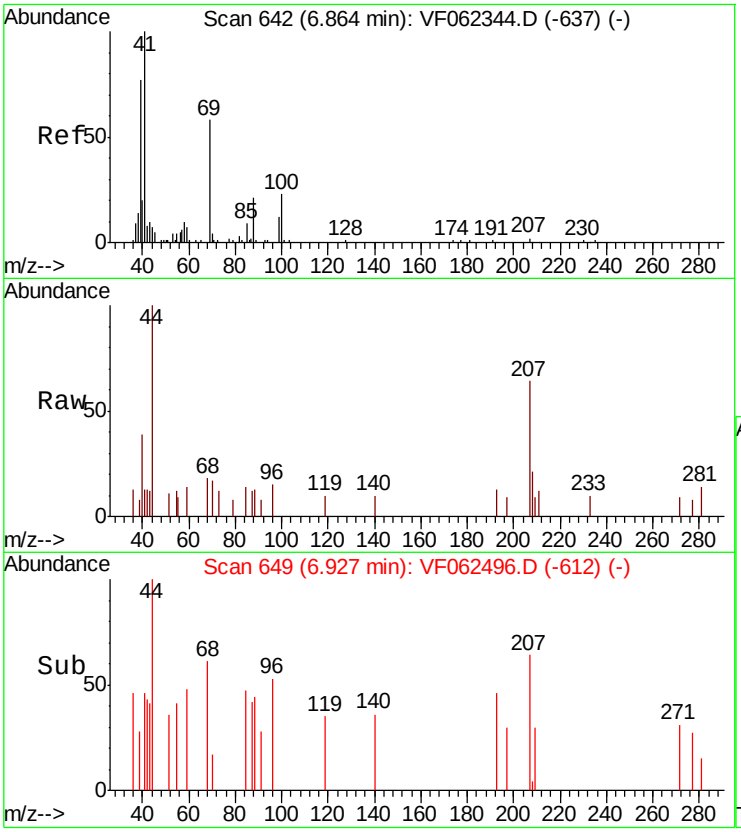


#39
Methylcyclohexane
Concen: 1.900 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.16 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Tgt Ion: 83 Resp: 7034

Ion	Ratio	Lower	Upper
83	100		
55	24.0	69.0	103.6#
98	4.3	38.6	58.0#



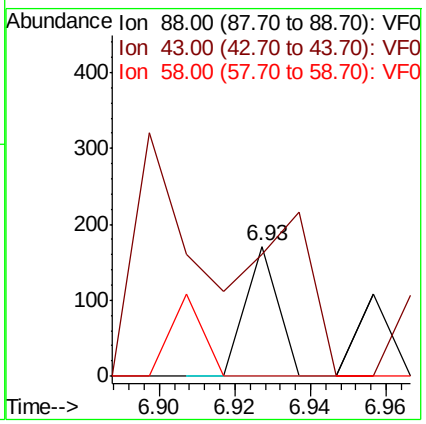


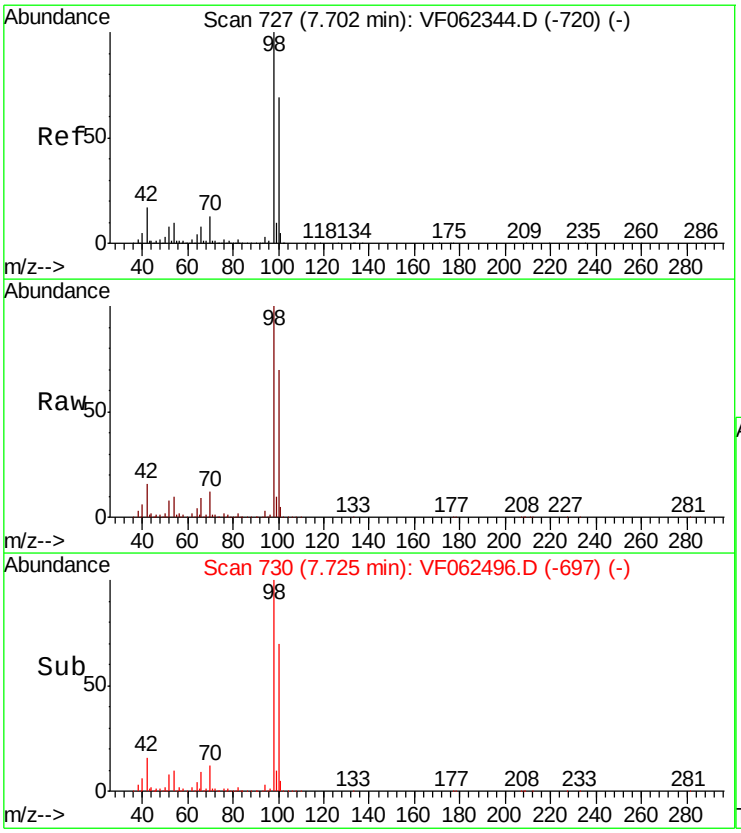
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.93 min Scan# 649
Delta R.T. 0.06 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Instrument : MSVOA_F
ClientSampleId : VF0512SBL01

Tgt Ion: 88 Resp: 101

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

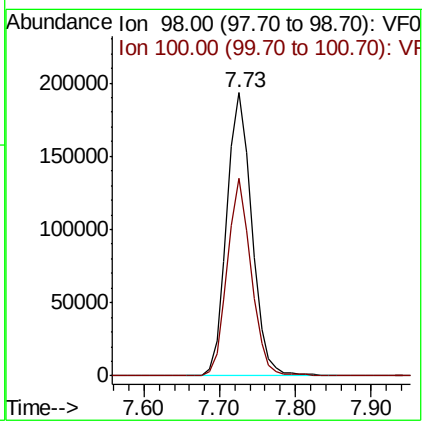


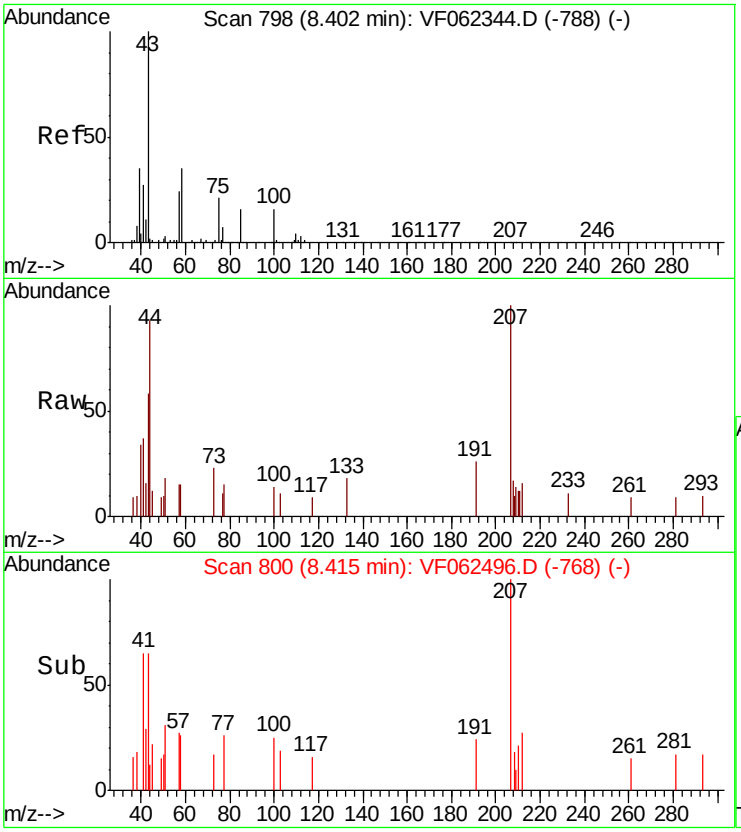


#50
Toluene-d8
Concen: 53.568 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Tgt Ion: 98 Resp: 443800

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.3	79.9



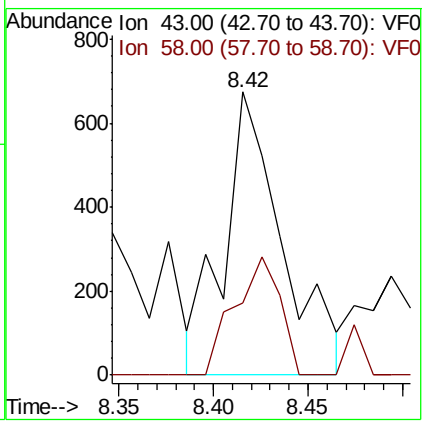


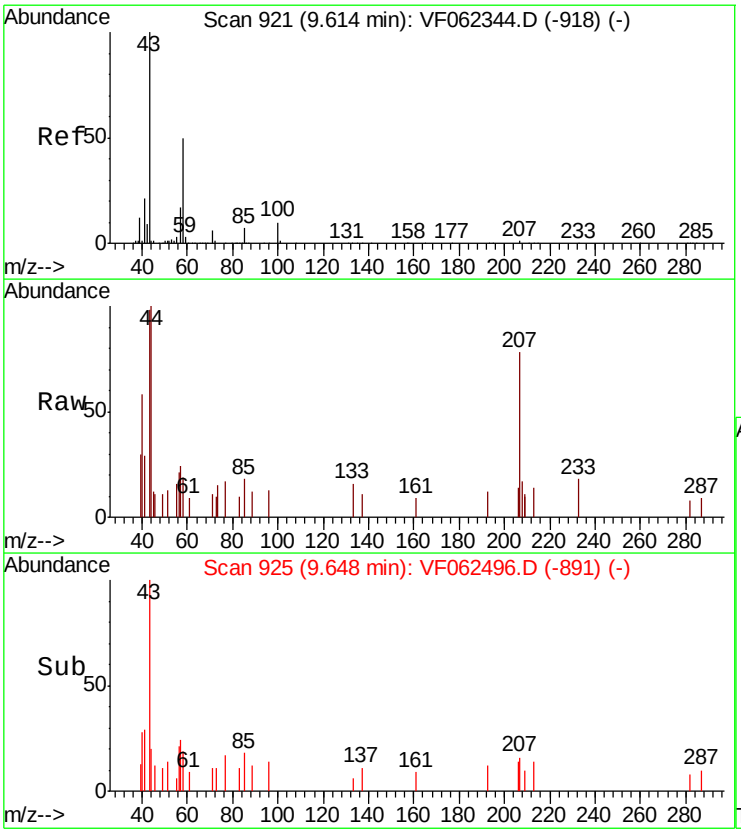
#51
4-Methyl-2-Pentanone
Concen: 1.138 ug/l
RT: 8.42 min Scan# 800
Delta R.T. 0.01 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Instrument :
MSVOA_F
ClientSampleId :
VF0512SBL01

Tgt Ion: 43 Resp: 1447

Ion	Ratio	Lower	Upper
43	100		
58	32.6	27.8	41.6

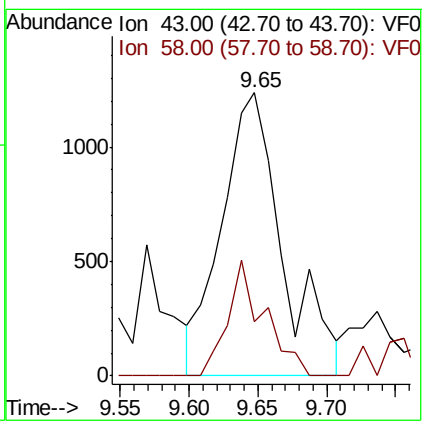


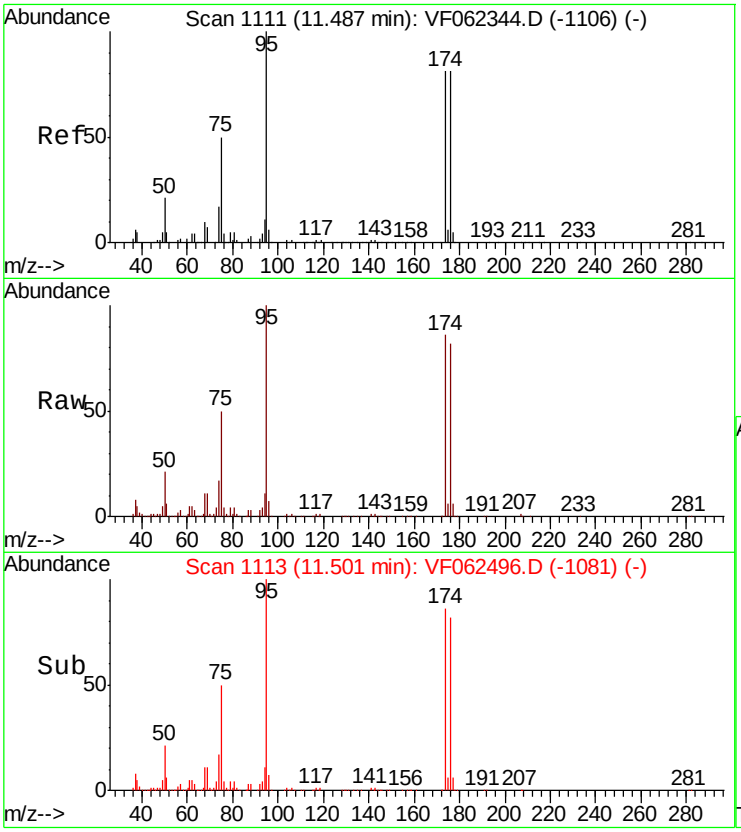


#59
2-Hexanone
Concen: 4.350 ug/l
RT: 9.65 min Scan# 925
Delta R.T. 0.03 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Tgt Ion: 43 Resp: 3827

Ion	Ratio	Lower	Upper
43	100		
58	24.4	24.3	73.0



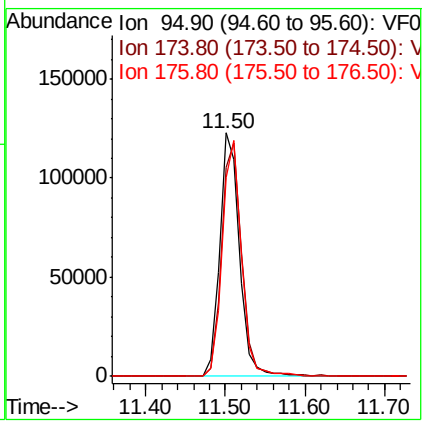


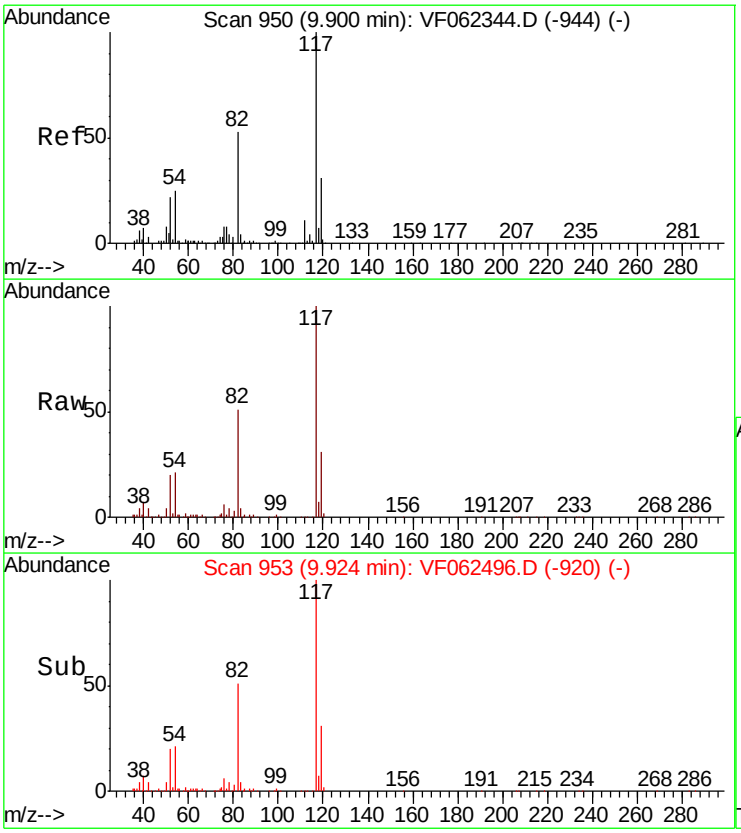
#62
4-Bromofluorobenzene
Concen: 57.601 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Instrument : MSVOA_F
ClientSampleId : VF0512SBL01

Tgt Ion: 95 Resp: 215299

Ion	Ratio	Lower	Upper
95	100		
174	98.6	0.0	191.8
176	95.4	0.0	193.2

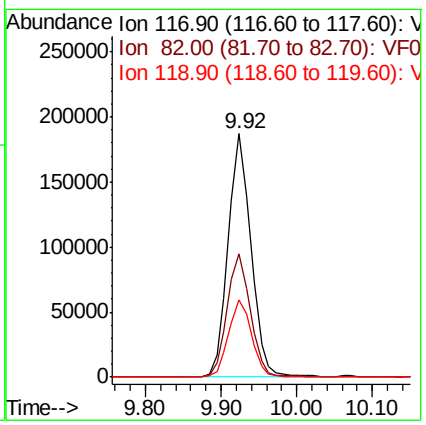


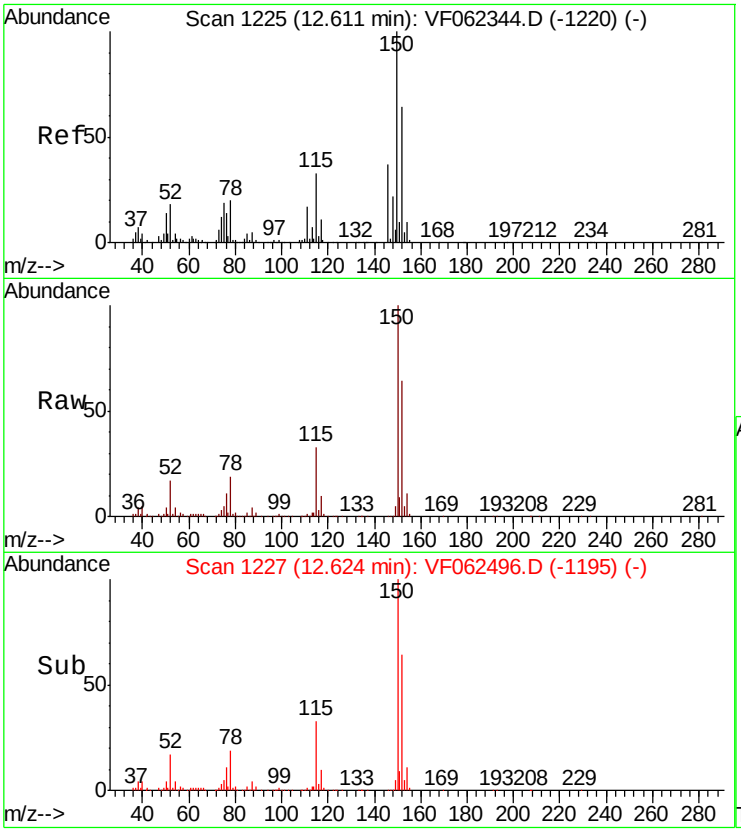


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062496.D
Acq: 12 May 2019 11:52

Tgt Ion:117 Resp: 392203

Ion	Ratio	Lower	Upper
117	100		
82	50.7	42.2	63.2
119	31.5	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: VF062496.D
Acq: 12 May 2019 11:52

Instrument :
MSVOA_F
ClientSampleId :
VF0512SBL01

Tgt Ion:152 Resp: 258539

Ion	Ratio	Lower	Upper
152	100		
115	52.9	26.4	79.2
150	151.3	0.0	335.0