Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062541.D
Acq On : 13 May 2019 14:59
Operator : FY/SY
Sample : K2786-13
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : BP-VPB202-GW-258-260

Quant Time: May 13 15:43:25 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	294049	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	404476	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	343208	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	188677	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	117786	42.39	ug/l	0.02
Spiked Amount 50.000			Recovery = 84.78%			
35) Dibromofluoromethane	4.32	113	147115	45.65	ug/l	0.02
Spiked Amount 50.000			Recovery = 91.30%			
50) Toluene-d8	7.72	98	319816	41.00	ug/l	0.02
Spiked Amount 50.000			Recovery = 82.00%			
62) 4-Bromofluorobenzene	11.50	95	137845	39.17	ug/l	0.01
Spiked Amount 50.000			Recovery = 78.34%			
Target Compounds						Qvalue
5) Bromomethane	1.36	94	319	Below Cal	#	3
11) Tert butyl alcohol	2.72	59	885	5.635	ug/l #	70
13) Acrolein	2.16	56	709	Below Cal	#	13
15) Acrylonitrile	3.09	53	1688	5.674	ug/l #	10
16) Acetone	2.35	43	9357	16.645	ug/l	95
18) Methyl Acetate	2.49	43	2473	Below Cal	#	84
20) Methylene Chloride	2.29	84	2536	1.247	ug/l #	83
25) 2-Butanone	4.54	43	1623	2.298	ug/l #	60
37) Ethyl Acetate	4.27	43	188	Below Cal	#	73
38) Carbon Tetrachloride	4.22	117	66	Below Cal	#	14
39) Methylcyclohexane	5.78	83	7034	2.019	ug/l #	42
49) 1,4-Dioxane	6.91	88	126	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.43	43	3580	2.989	ug/l #	68
56) Ethyl methacrylate	8.77	69	2354	1.488	ug/l	92
59) 2-Hexanone	9.64	43	2646	3.195	ug/l	79
64) Tetrachloroethene	8.32	164	9061	3.252	ug/l	87
75) 1,1,2,2-Tetrachloroethane	11.71	83	4479	2.557	ug/l #	22

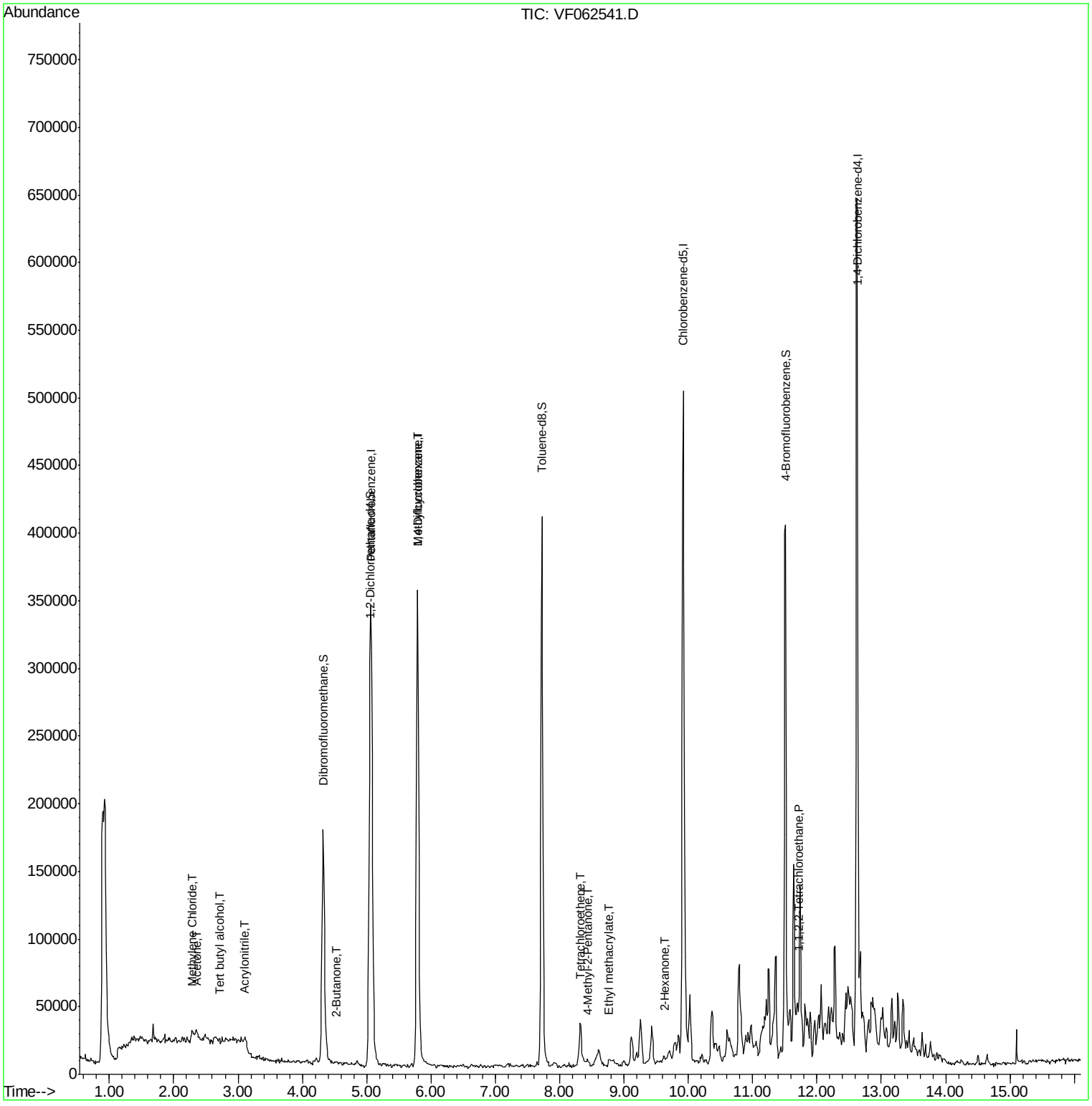
(#) = qualifier out of range (m) = manual integration (+) = signals summed

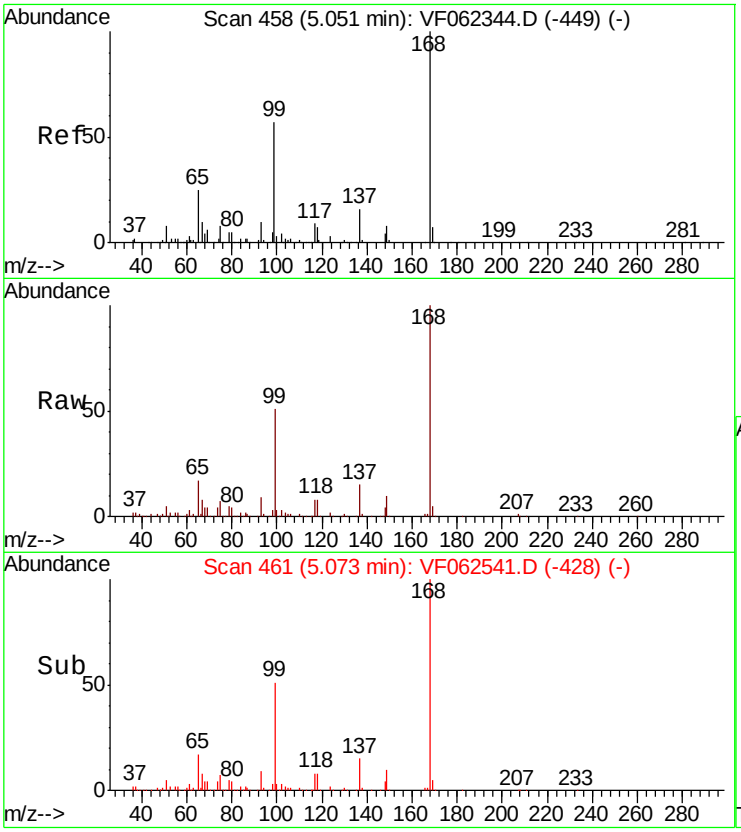
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051319\
Data File : VF062541.D
Acq On : 13 May 2019 14:59
Operator : FY/SY
Sample : K2786-13
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
BP-VPB202-GW-258-260

Quant Time: May 13 15:43:25 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



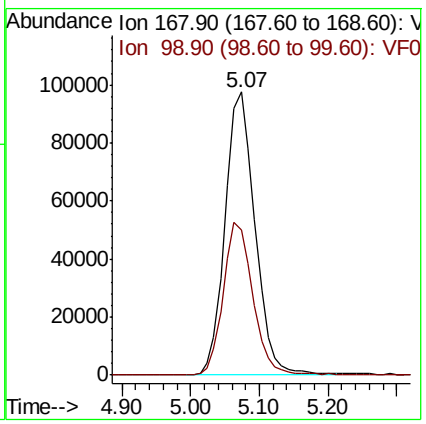


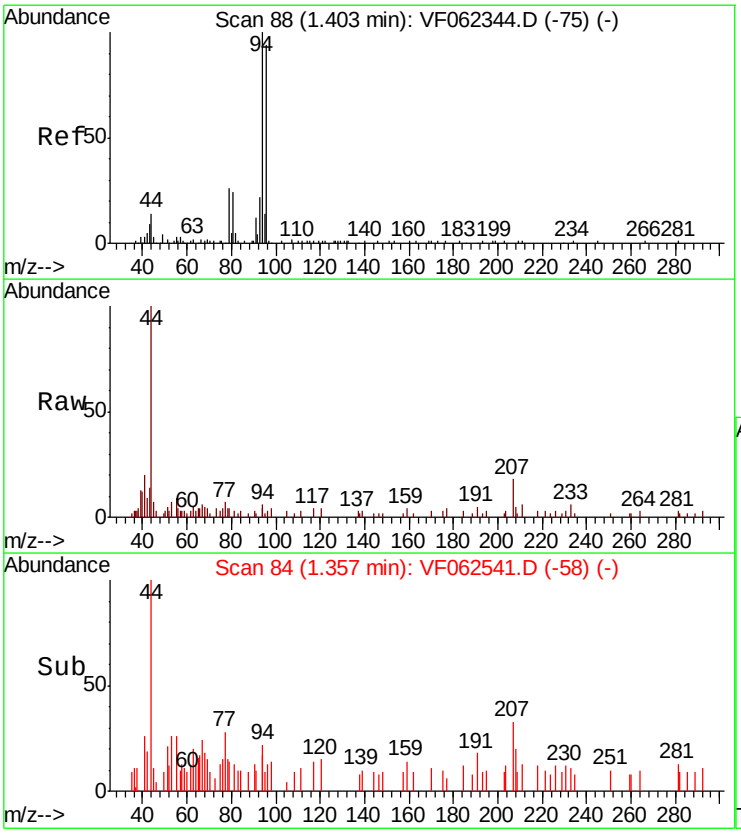
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 461
Delta R.T. 0.02 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Instrument :
MSVOA_F
ClientSampleId :
BP-VPB202-GW-258-260

Tgt Ion:168 Resp: 294049

Ion	Ratio	Lower	Upper
168	100		
99	51.1	45.9	68.9

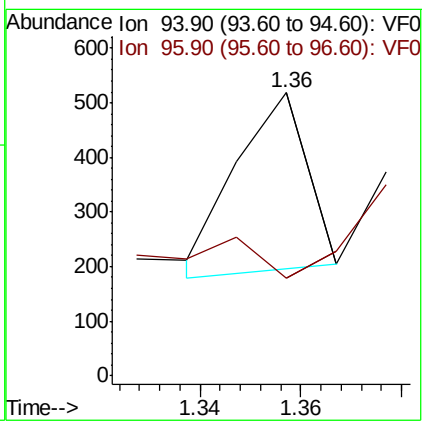


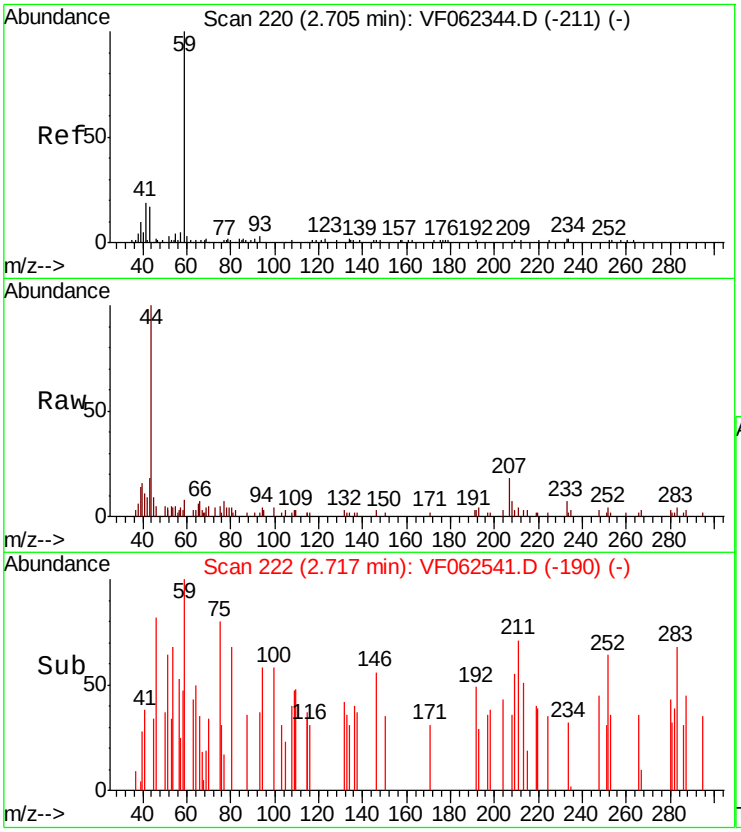


#5
Bromomethane
Concen: Below Cal
RT: 1.36 min Scan# 84
Delta R.T. -0.05 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Tgt Ion: 94 Resp: 319

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



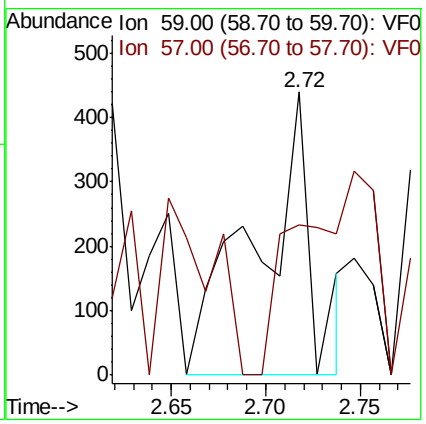


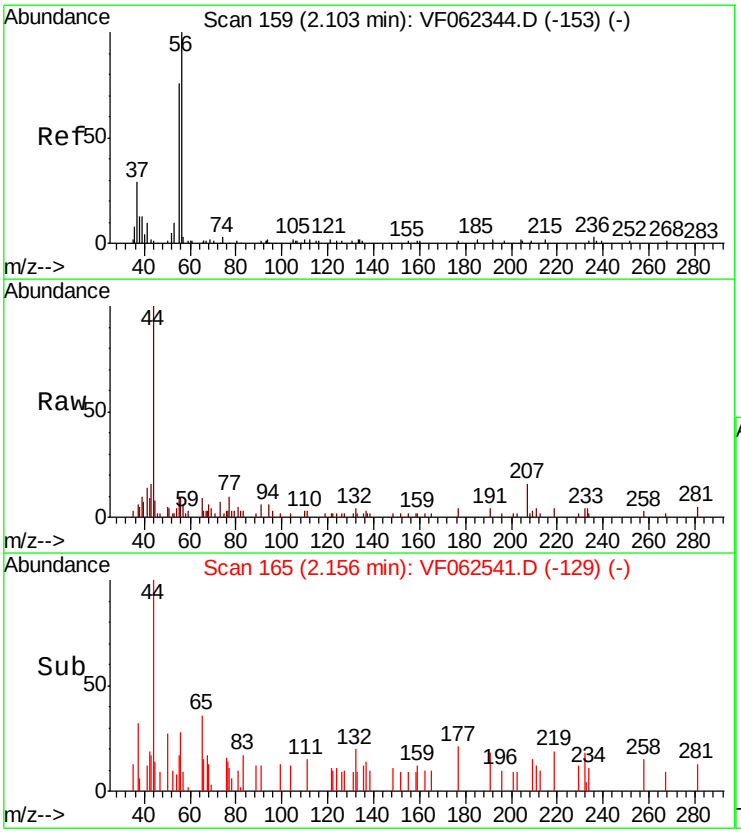
#11
Tert butyl alcohol
Concen: 5.635 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.01 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Instrument :
MSVOA_F
ClientSampleId :
BP-VPB202-GW-258-260

Tgt Ion: 59 Resp: 885

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#

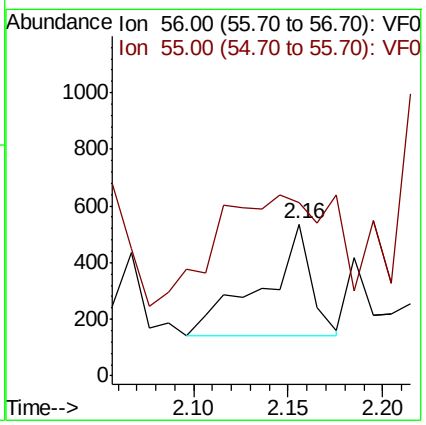


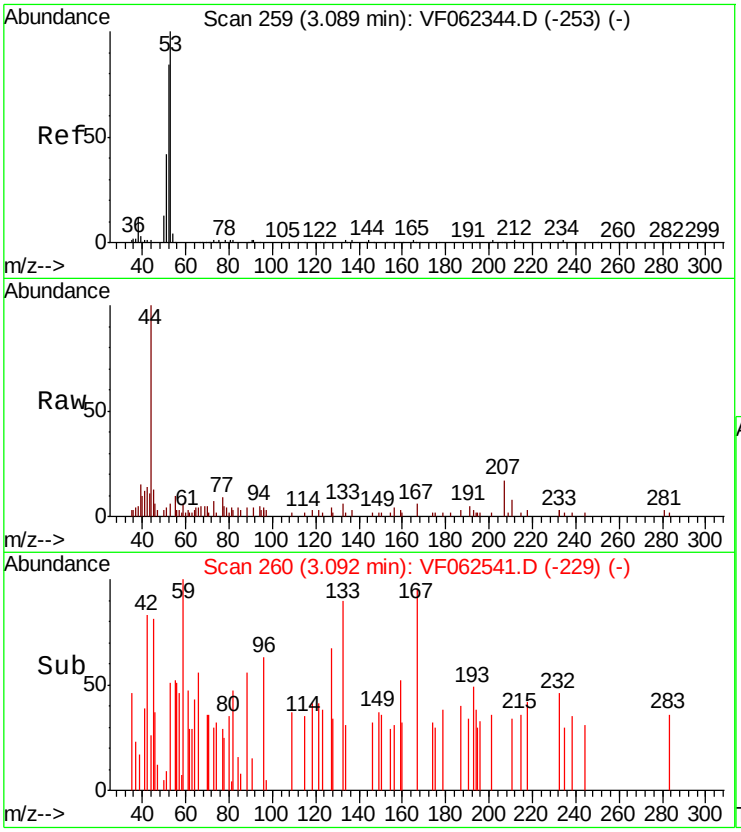


#13
Acrolein
Concen: Below Cal
RT: 2.16 min Scan# 165
Delta R.T. 0.05 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Tgt Ion: 56 Resp: 709

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.4	87.6#



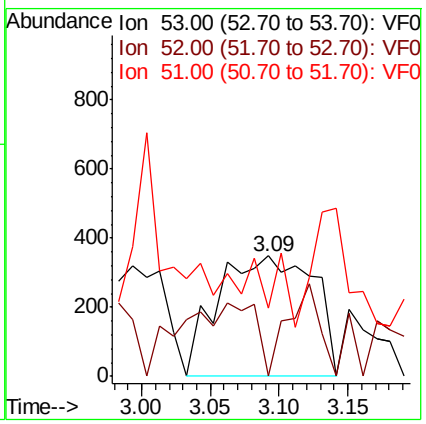


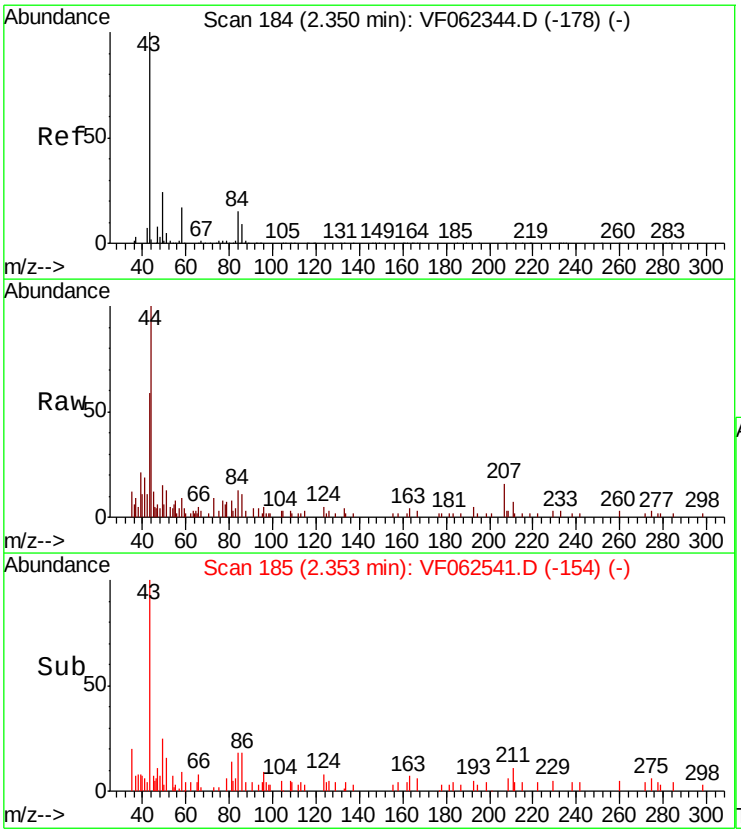
#15
Acrylonitrile
Concen: 5.674 ug/l
RT: 3.09 min Scan# 260
Delta R.T. 0.00 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Instrument :
MSVOA_F
ClientSampleId :
BP-VPB202-GW-258-260

Tgt Ion: 53 Resp: 1688

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

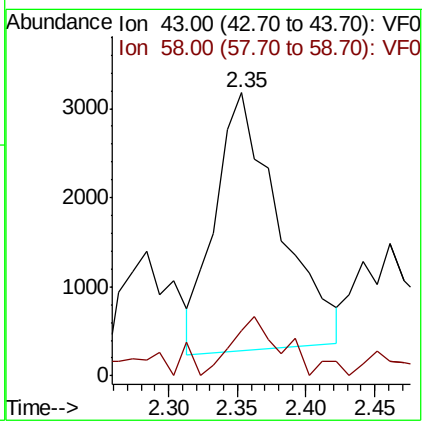


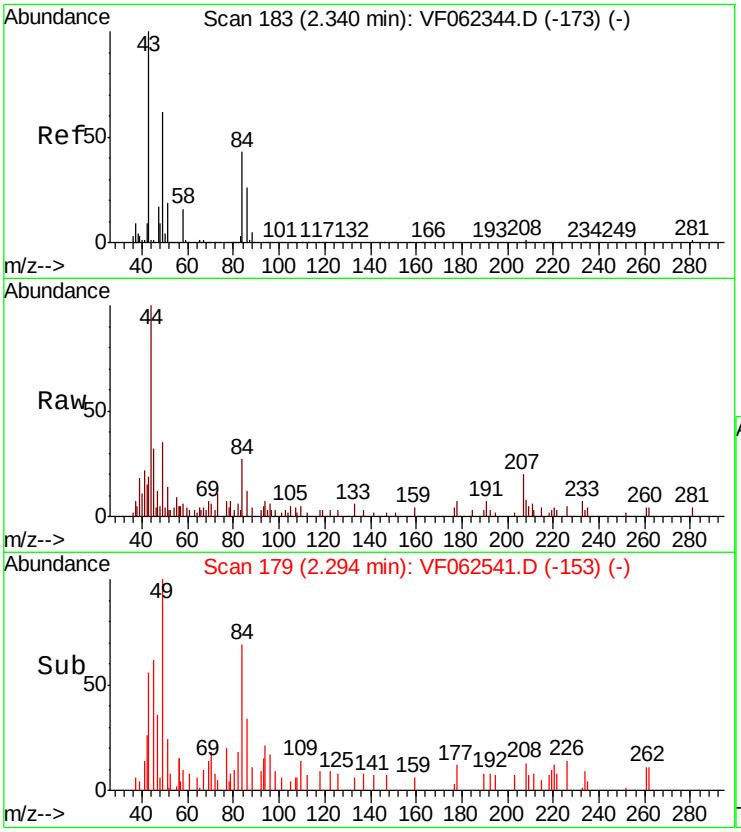


#16
Acetone
Concen: 16.645 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.00 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Tgt Ion: 43 Resp: 9357

Ion	Ratio	Lower	Upper
43	100		
58	14.4	13.1	19.7



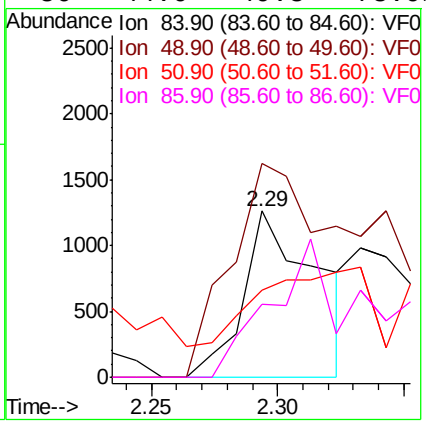


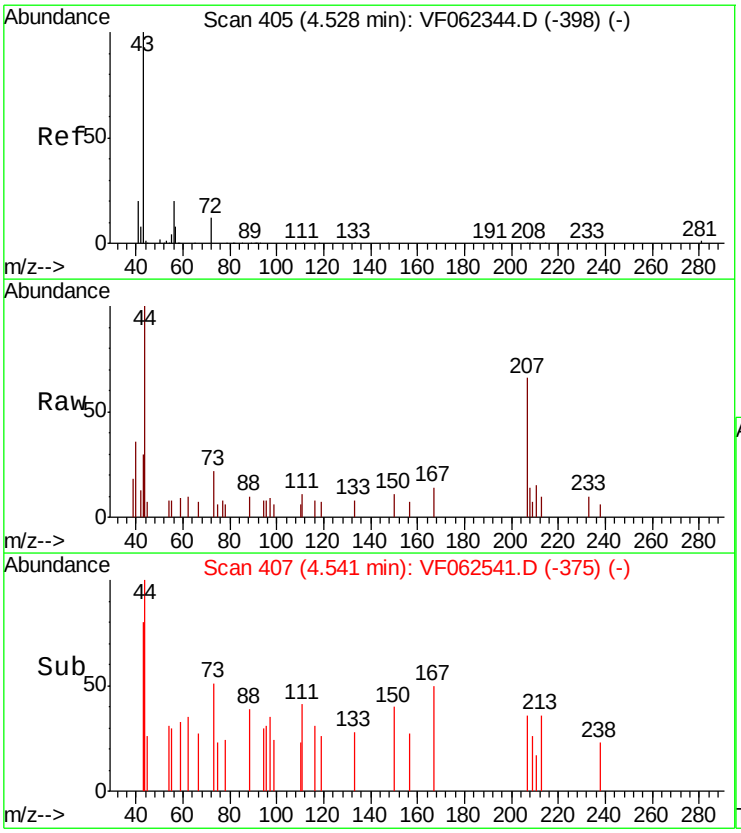
#20
Methylene Chloride
Concen: 1.247 ug/l
RT: 2.29 min Scan# 179
Delta R.T. -0.05 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Instrument :
MSVOA_F
ClientSampleId :
BP-VPB202-GW-258-260

Tgt Ion: 84 Resp: 2536

Ion	Ratio	Lower	Upper
84	100		
49	128.8	117.5	176.3
51	34.1	37.0	55.4#
86	44.0	49.3	73.9#

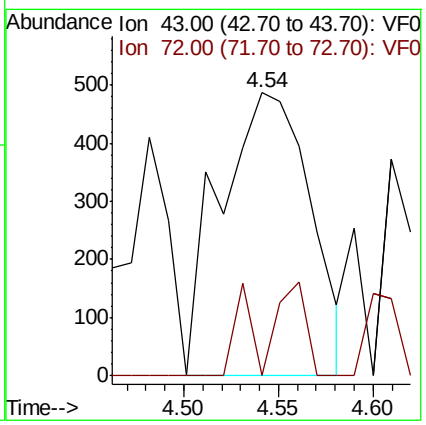


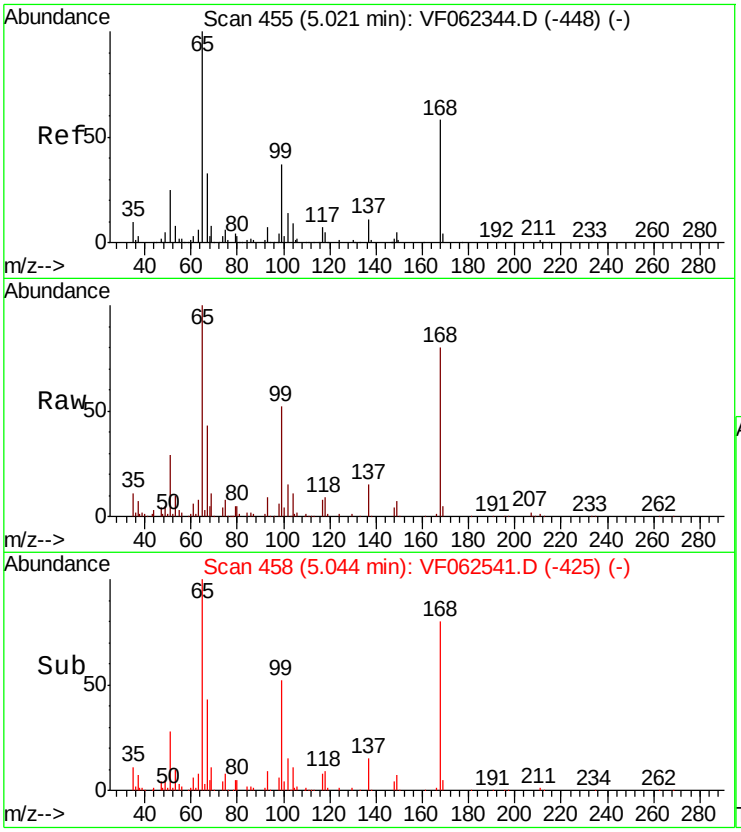


#25
2-Butanone
Concen: 2.298 ug/l
RT: 4.54 min Scan# 407
Delta R.T. 0.01 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Tgt Ion: 43 Resp: 1623

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



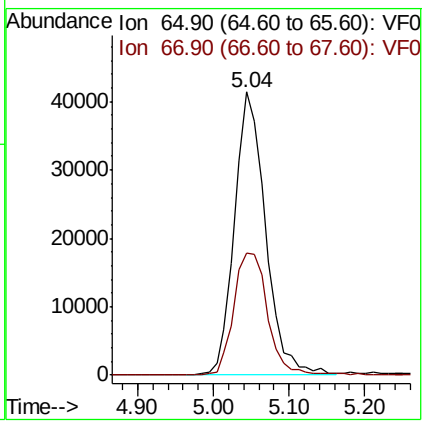


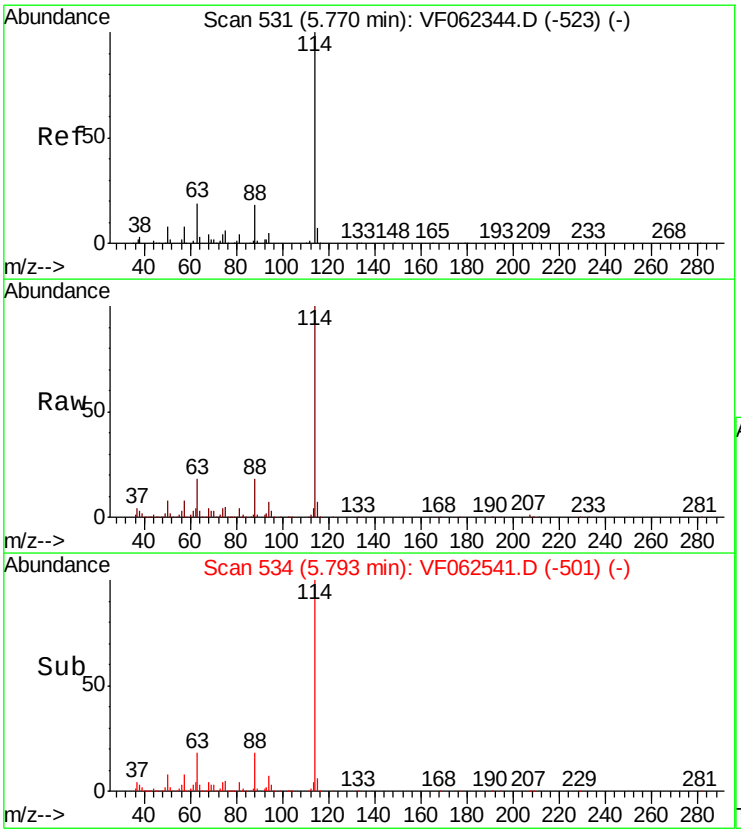
#33
1,2-Dichloroethane-d4
Concen: 42.386 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.02 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Instrument :
MSVOA_F
ClientSampleId :
BP-VPB202-GW-258-260

Tgt Ion: 65 Resp: 117786

Ion	Ratio	Lower	Upper
65	100		
67	47.2	0.0	85.8

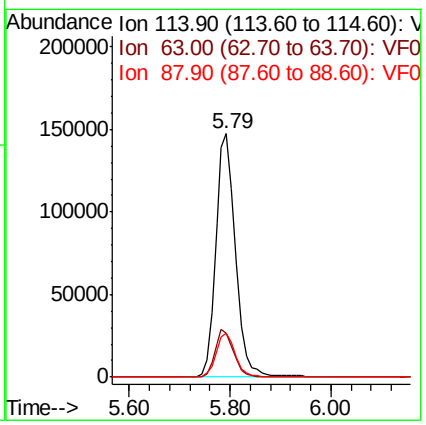


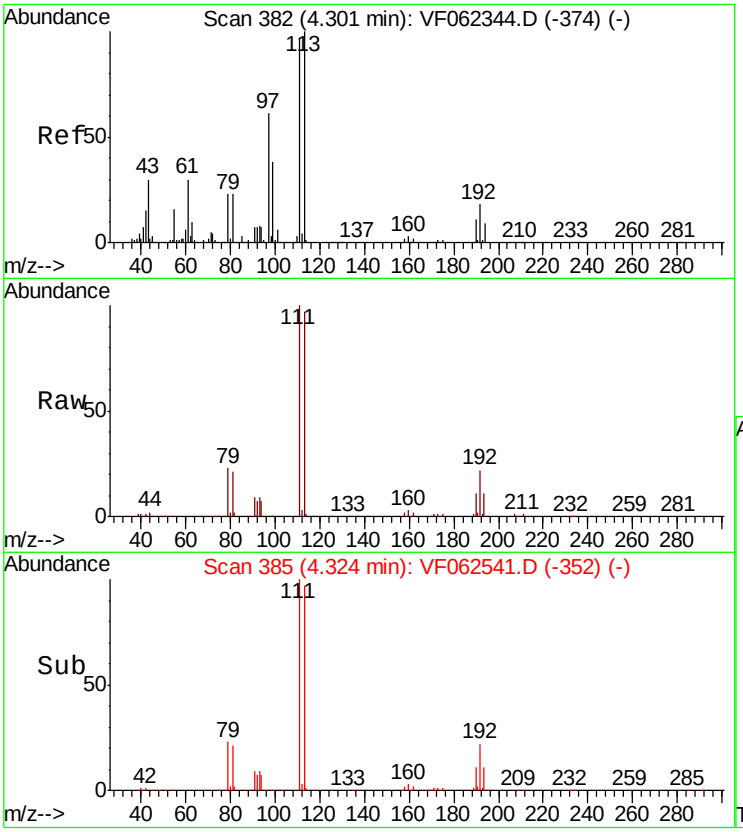


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.02 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Tgt Ion:114 Resp: 404476

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	37.4
88	17.9	0.0	36.4



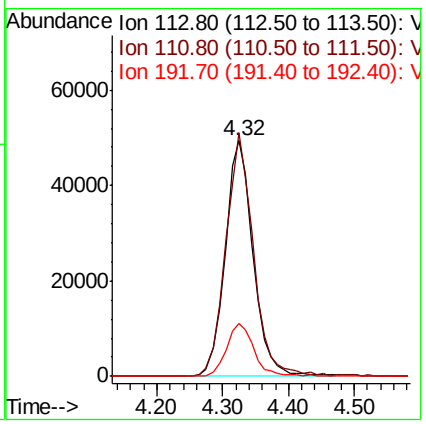


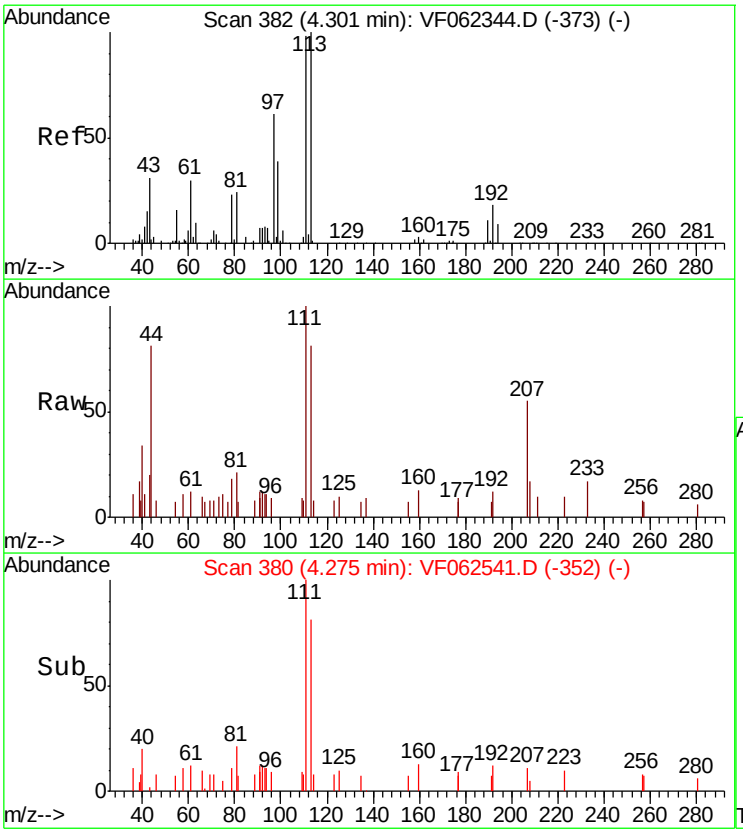
#35
Dibromofluoromethane
Concen: 45.654 ug/l
RT: 4.32 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Instrument :
MSVOA_F
ClientSampleId :
BP-VPB202-GW-258-260

Tgt Ion:113 Resp: 147115

Ion	Ratio	Lower	Upper
113	100		
111	102.4	79.4	119.0
192	22.2	16.0	24.0

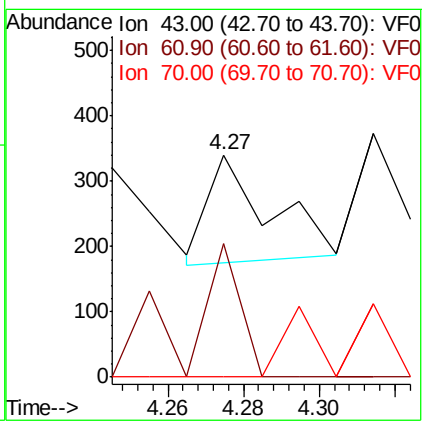


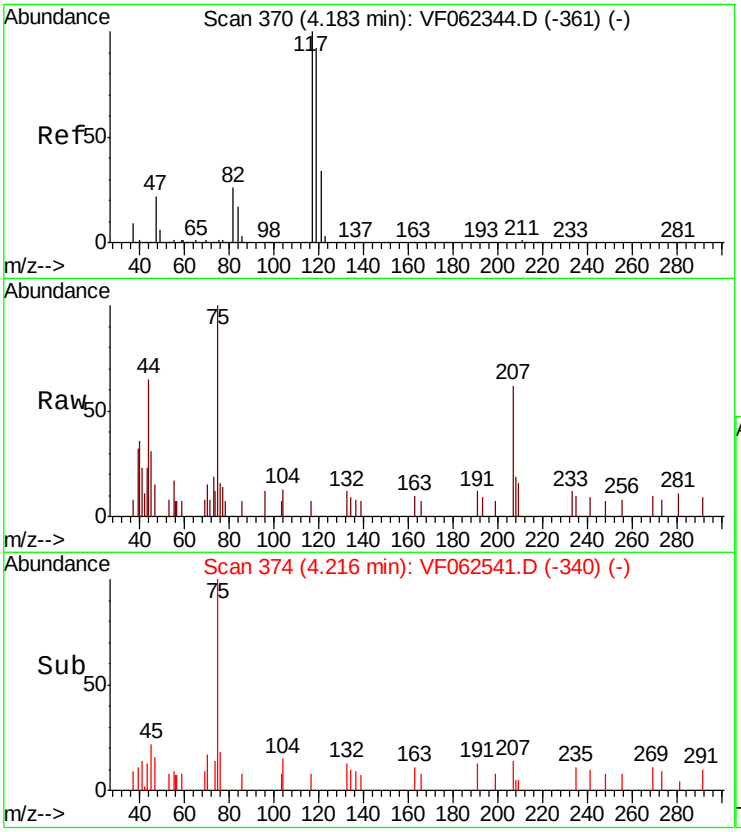


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.27 min Scan# 380
Delta R.T. -0.03 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Tgt Ion: 43 Resp: 188

Ion	Ratio	Lower	Upper
43	100		
61	105.9	0.0	0.0#
70	0.0	8.2	12.2#



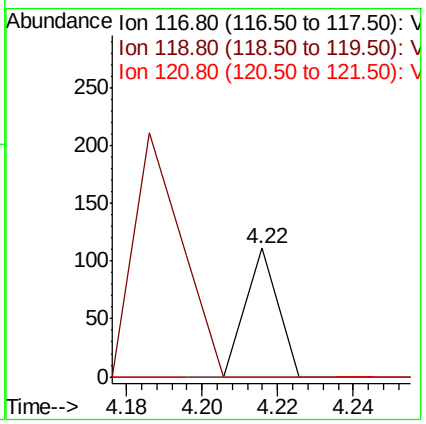


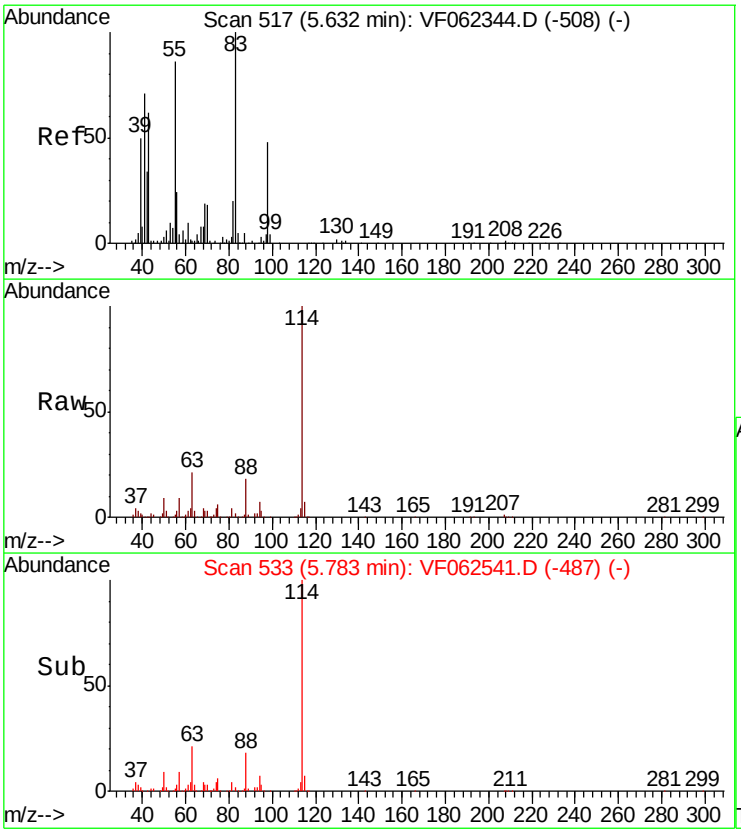
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.22 min Scan# 374
Delta R.T. 0.03 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Instrument :
MSVOA_F
ClientSampleId :
BP-VPB202-GW-258-260

Tgt Ion:117 Resp: 66

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

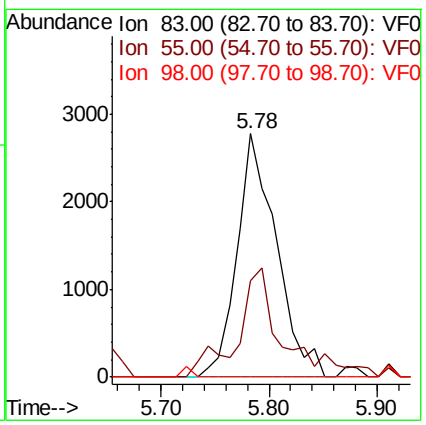


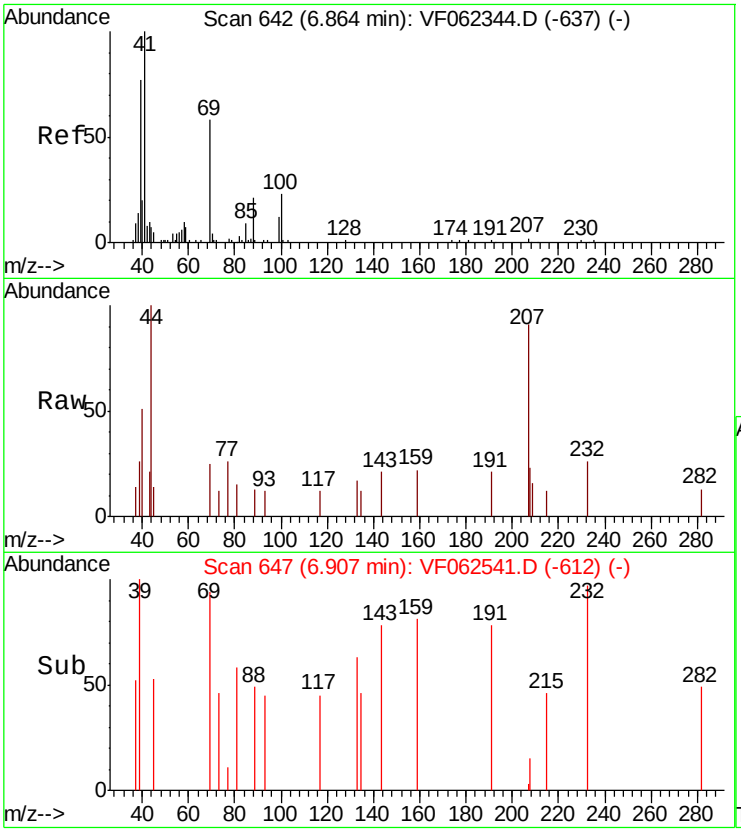


#39
Methylcyclohexane
Concen: 2.019 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.15 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Tgt Ion: 83 Resp: 7034

Ion	Ratio	Lower	Upper
83	100		
55	39.4	69.0	103.6#
98	0.0	38.6	58.0#



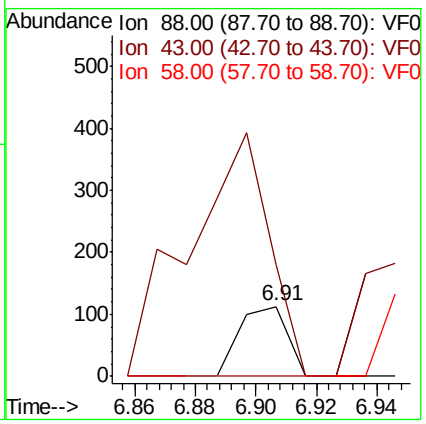


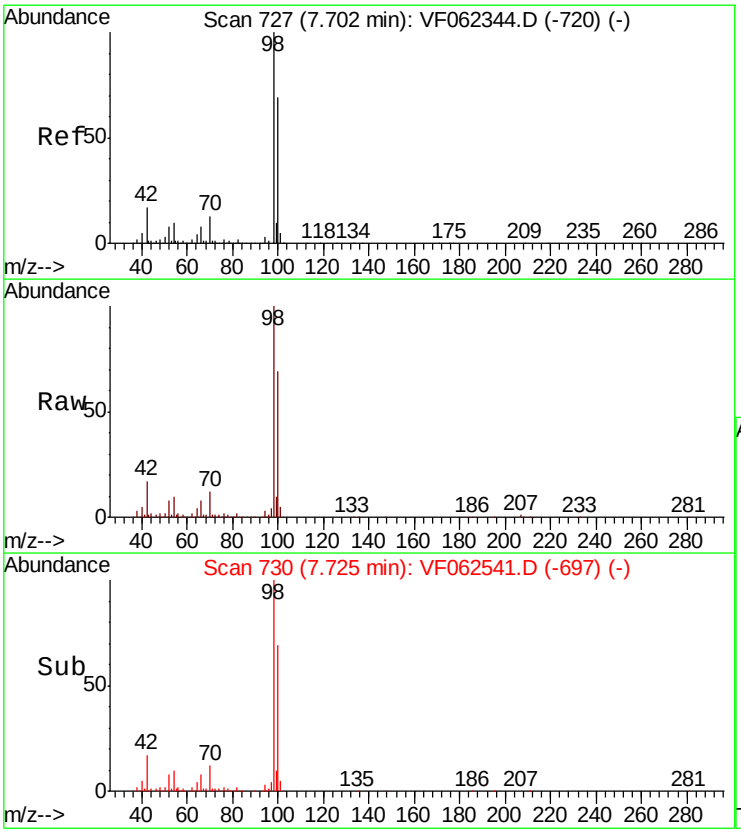
#49
1,4-Dioxane
Concen: Below Cal
RT: 6.91 min Scan# 647
Delta R.T. 0.04 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Instrument :
MSVOA_F
ClientSampleId :
BP-VPB202-GW-258-260

Tgt Ion: 88 Resp: 126

Ion	Ratio	Lower	Upper
88	100		
43	584.1	55.6	83.4#
58	0.0	52.8	79.2#

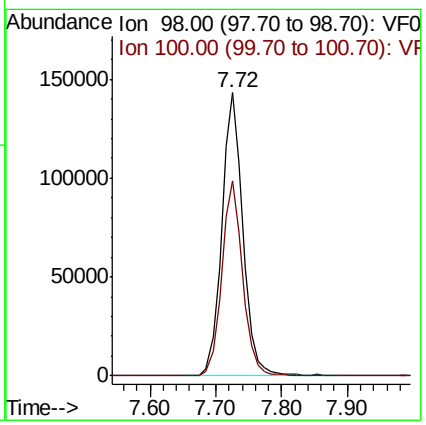


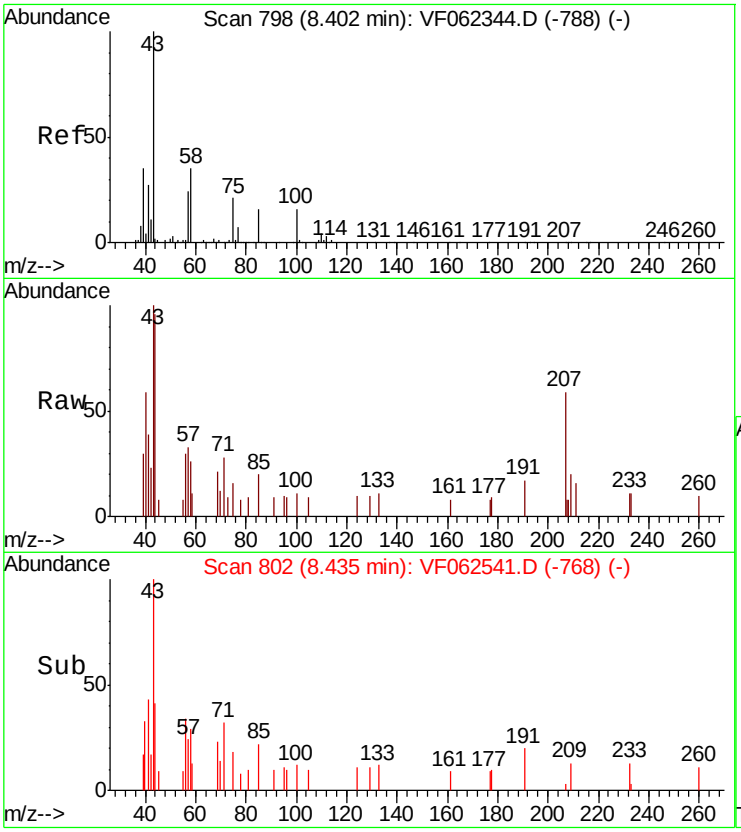


#50
Toluene-d8
Concen: 41.001 ug/l
RT: 7.72 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Tgt Ion: 98 Resp: 319816

Ion	Ratio	Lower	Upper
98	100		
100	68.3	53.3	79.9



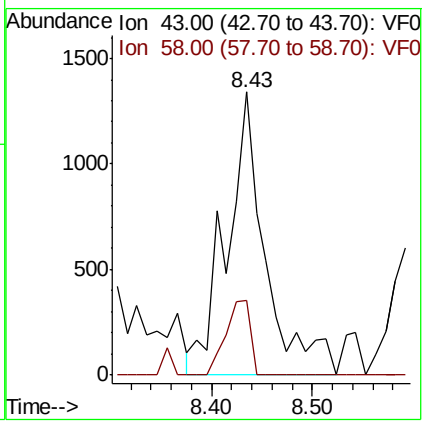


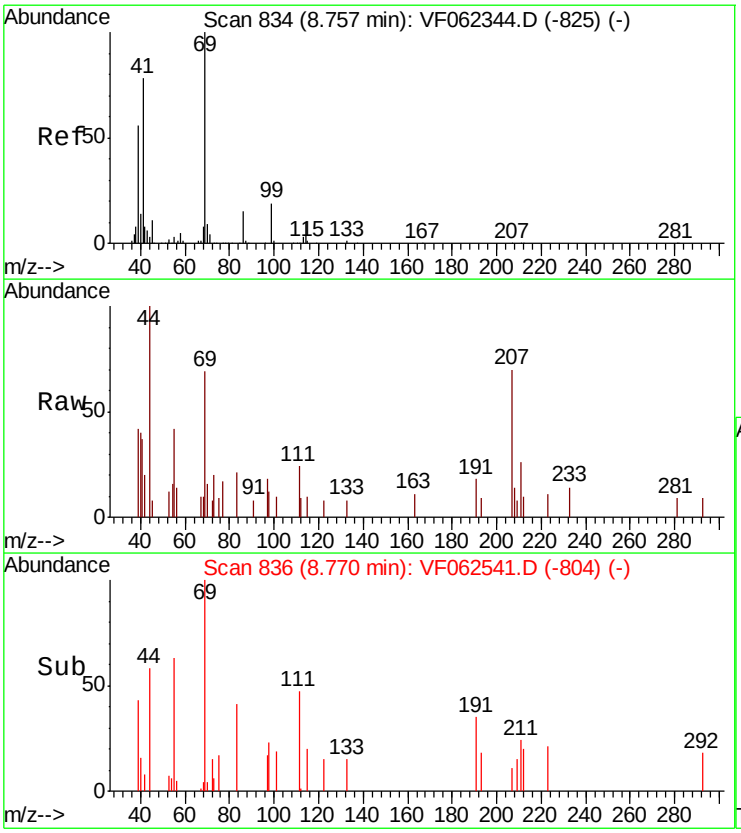
#51
4-Methyl-2-Pentanone
Concen: 2.989 ug/l
RT: 8.43 min Scan# 802
Delta R.T. 0.03 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Instrument :
MSVOA_F
ClientSampleId :
BP-VPB202-GW-258-260

Tgt Ion: 43 Resp: 3580

Ion	Ratio	Lower	Upper
43	100		
58	16.4	27.8	41.6#

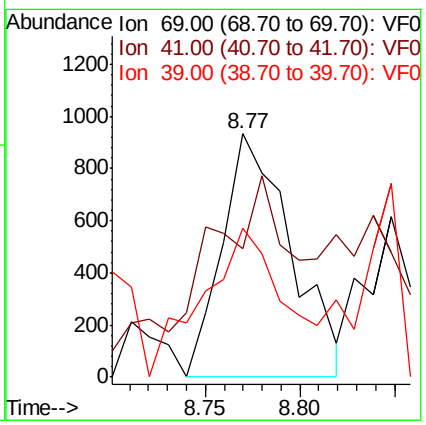


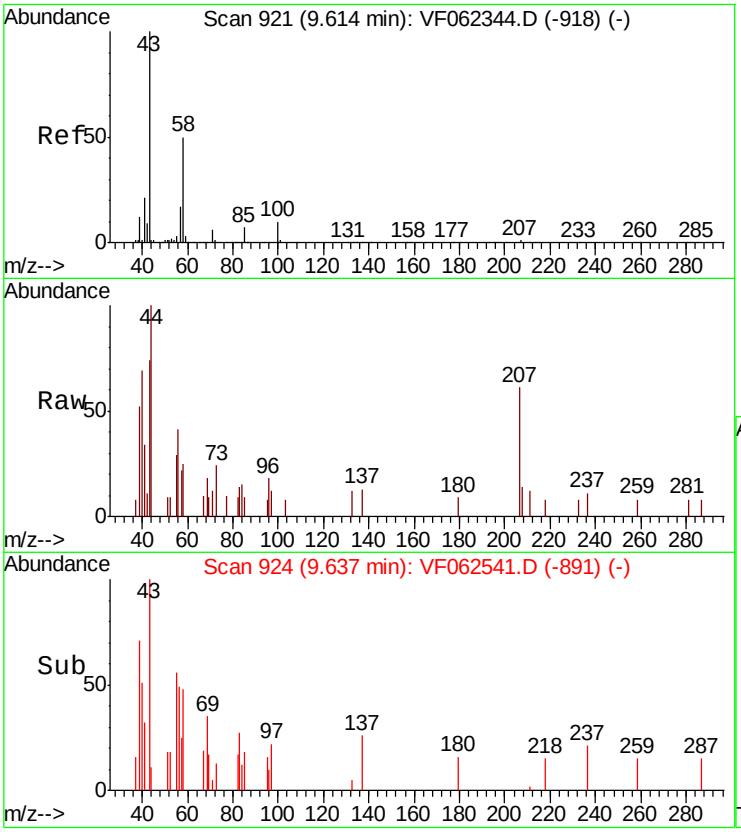


#56
Ethyl methacrylate
Concen: 1.488 ug/l
RT: 8.77 min Scan# 836
Delta R.T. 0.01 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Tgt Ion: 69 Resp: 2354

Ion	Ratio	Lower	Upper
69	100		
41	80.3	66.3	99.5
39	73.1	50.1	75.1



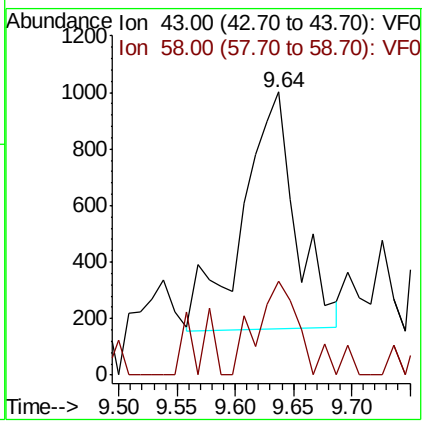


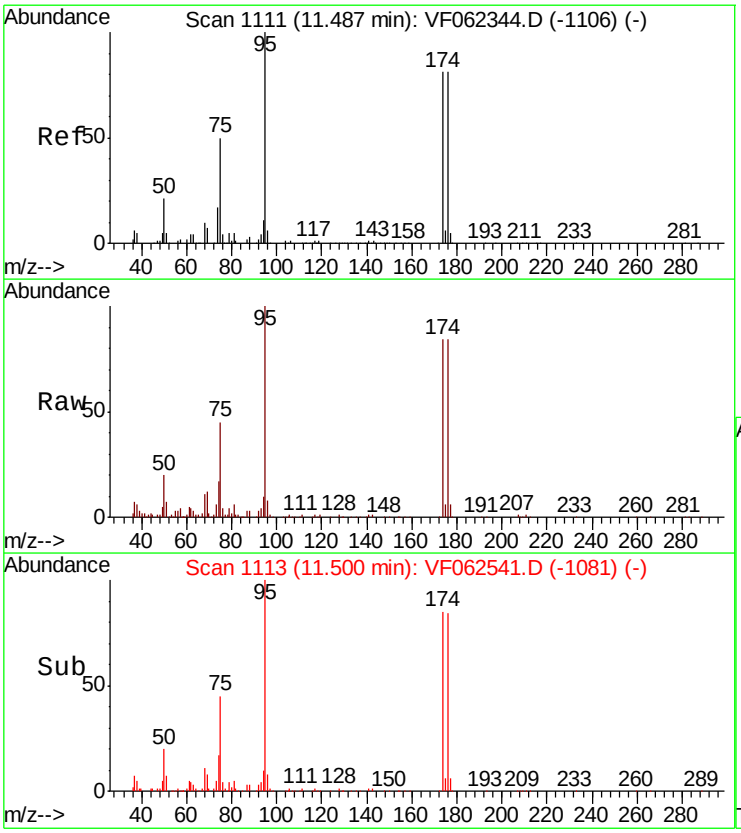
#59
2-Hexanone
Concen: 3.195 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.02 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Instrument :
MSVOA_F
ClientSampleId :
BP-VPB202-GW-258-260

Tgt Ion: 43 Resp: 2646

Ion	Ratio	Lower	Upper
43	100		
58	34.4	24.3	73.0

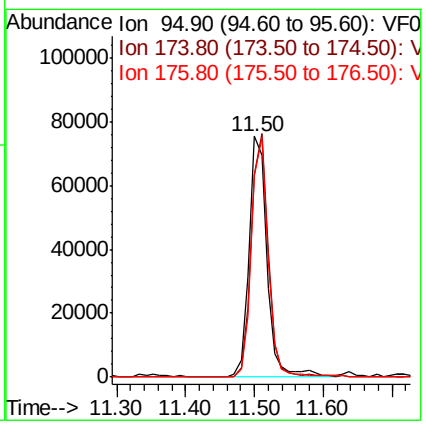


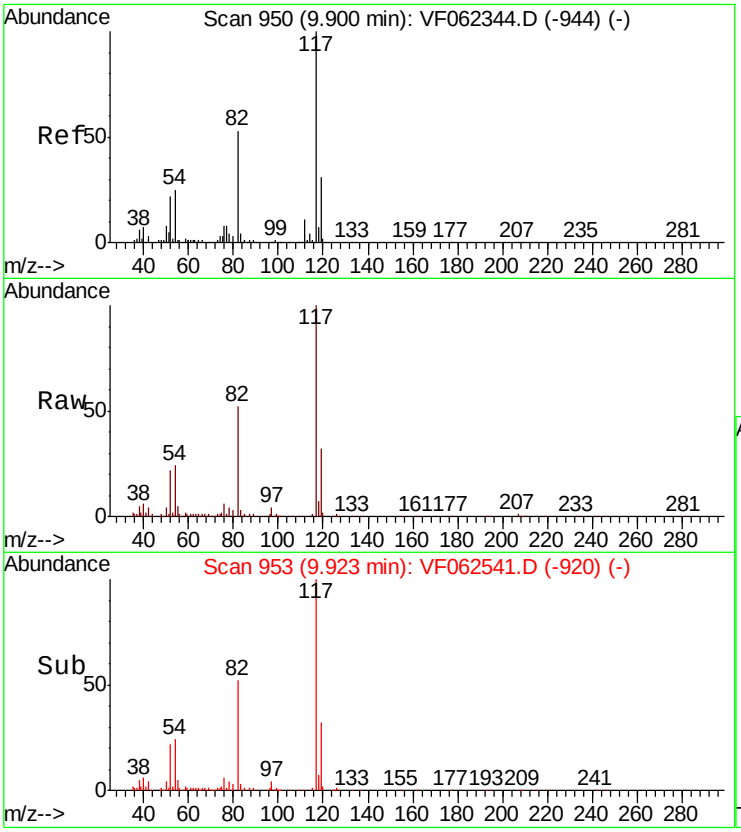


#62
4-Bromofluorobenzene
Concen: 39.169 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Tgt Ion: 95 Resp: 137845

Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	191.8
176	91.7	0.0	193.2



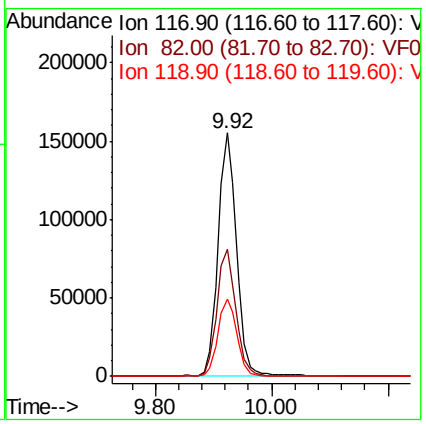


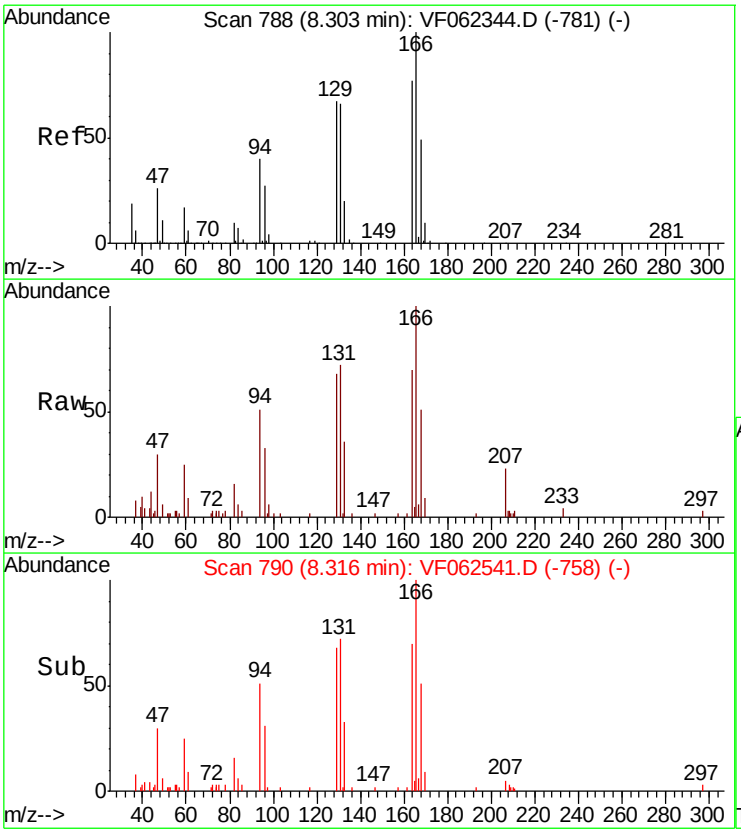
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Instrument : MSVOA_F
ClientSampleId : BP-VPB202-GW-258-260

Tgt Ion:117 Resp: 343208

Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.2	63.2
119	31.8	25.0	37.4

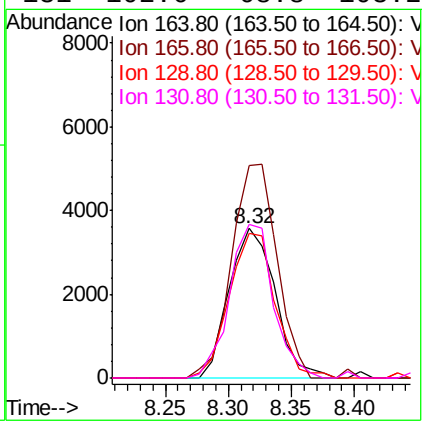


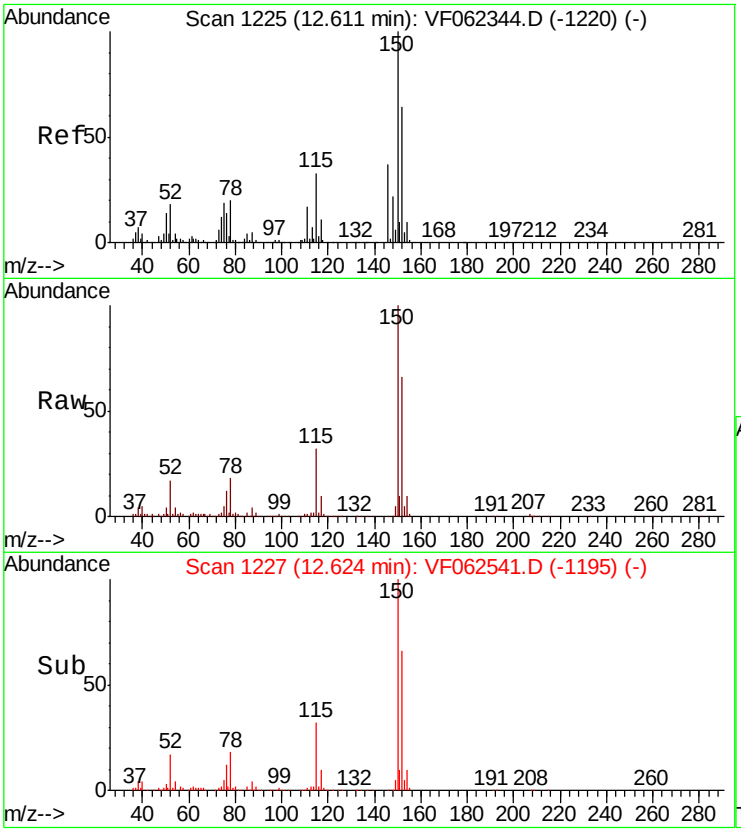


#64
Tetrachloroethene
Concen: 3.252 ug/l
RT: 8.32 min Scan# 790
Delta R.T. 0.01 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Tgt Ion:164 Resp: 9061

Ion	Ratio	Lower	Upper
164	100		
166	142.2	104.2	156.4
129	96.9	69.6	104.4
131	102.6	68.8	103.2



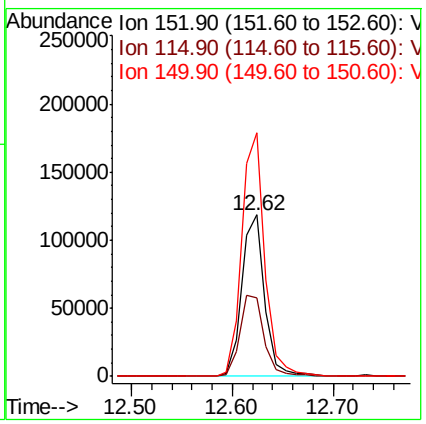


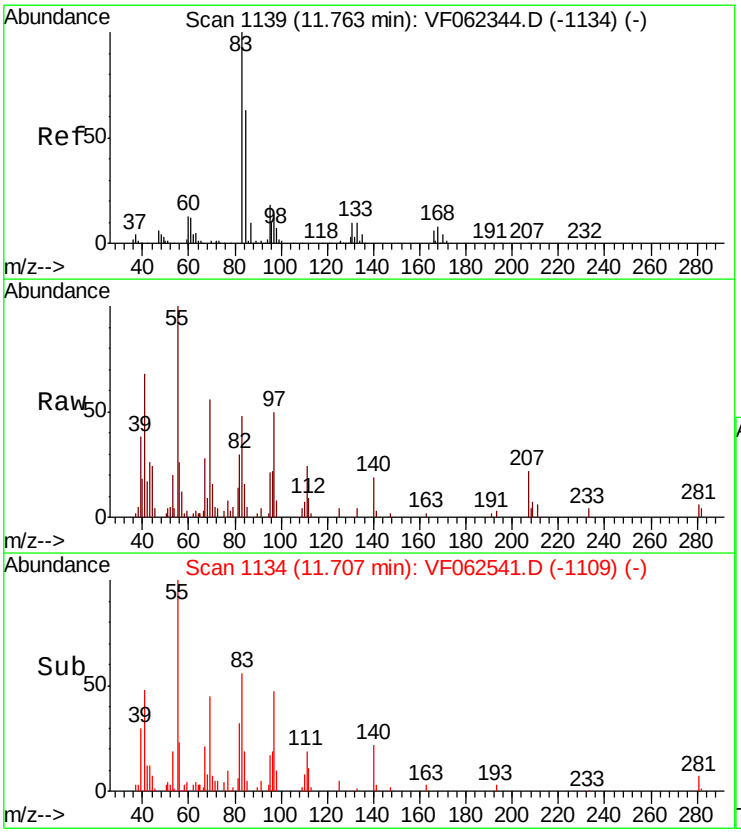
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Instrument :
MSVOA_F
ClientSampleId :
BP-VPB202-GW-258-260

Tgt Ion:152 Resp: 188677

Ion	Ratio	Lower	Upper
152	100		
115	52.8	26.4	79.2
150	151.3	0.0	335.0





#75
1,1,2,2-Tetrachloroethane
Concen: 2.557 ug/l
RT: 11.71 min Scan# 1134
Delta R.T. -0.06 min
Lab File: VF062541.D
Acq: 13 May 2019 14:59

Tgt Ion: 83 Resp: 4479

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.8	17.4#
85	0.0	35.3	105.7#