Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
Data File : VF062491.D
Acq On : 12 May 2019 7:06
Operator : FY/SY
Sample : K2756-08
Misc : 5.21g/5mL/MSVOA_F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P021-SS006-0612-01

Quant Time: May 12 10:07:09 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	80332	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	107825	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	100364	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	51487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	49639	65.39	ug/l	0.02
Spiked Amount 50.000			Recovery = 130.78%			
35) Dibromofluoromethane	4.33	113	60235	70.12	ug/l	0.02
Spiked Amount 50.000			Recovery = 140.24%			
50) Toluene-d8	7.73	98	87826	42.24	ug/l	0.02
Spiked Amount 50.000			Recovery = 84.48%			
62) 4-Bromofluorobenzene	11.50	95	41476	44.21	ug/l	0.01
Spiked Amount 50.000			Recovery = 88.42%			
Target Compounds						Qvalue
3) Chloromethane	1.12	50	1012	1.650	ug/l #	42
5) Bromomethane	1.40	94	319	Below Cal #		3
8) Diethyl Ether	1.70	74	376	1.958	ug/l	75
11) Tert butyl alcohol	2.74	59	272	6.339	ug/l #	1
13) Acrolein	2.11	56	1032	19.441	ug/l	90
15) Acrylonitrile	3.06	53	455	5.598	ug/l #	10
16) Acetone	2.35	43	3543	23.070	ug/l #	83
18) Methyl Acetate	2.47	43	518	Below Cal #		1
20) Methylene Chloride	2.30	84	6440	11.590	ug/l #	66
23) Vinyl Acetate	3.36	43	1310	1.729	ug/l #	79
25) 2-Butanone	4.55	43	1163	6.028	ug/l #	60
37) Ethyl Acetate	4.33	43	385	Below Cal #		73
38) Carbon Tetrachloride	4.19	117	67	Below Cal #		14
41) Methacrylonitrile	4.99	41	471	2.121	ug/l #	27
49) 1,4-Dioxane	6.78	88	62	7.275	ug/l #	16
51) 4-Methyl-2-Pentanone	8.57	43	348	1.090	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.68	75	127	1.186	ug/l #	1

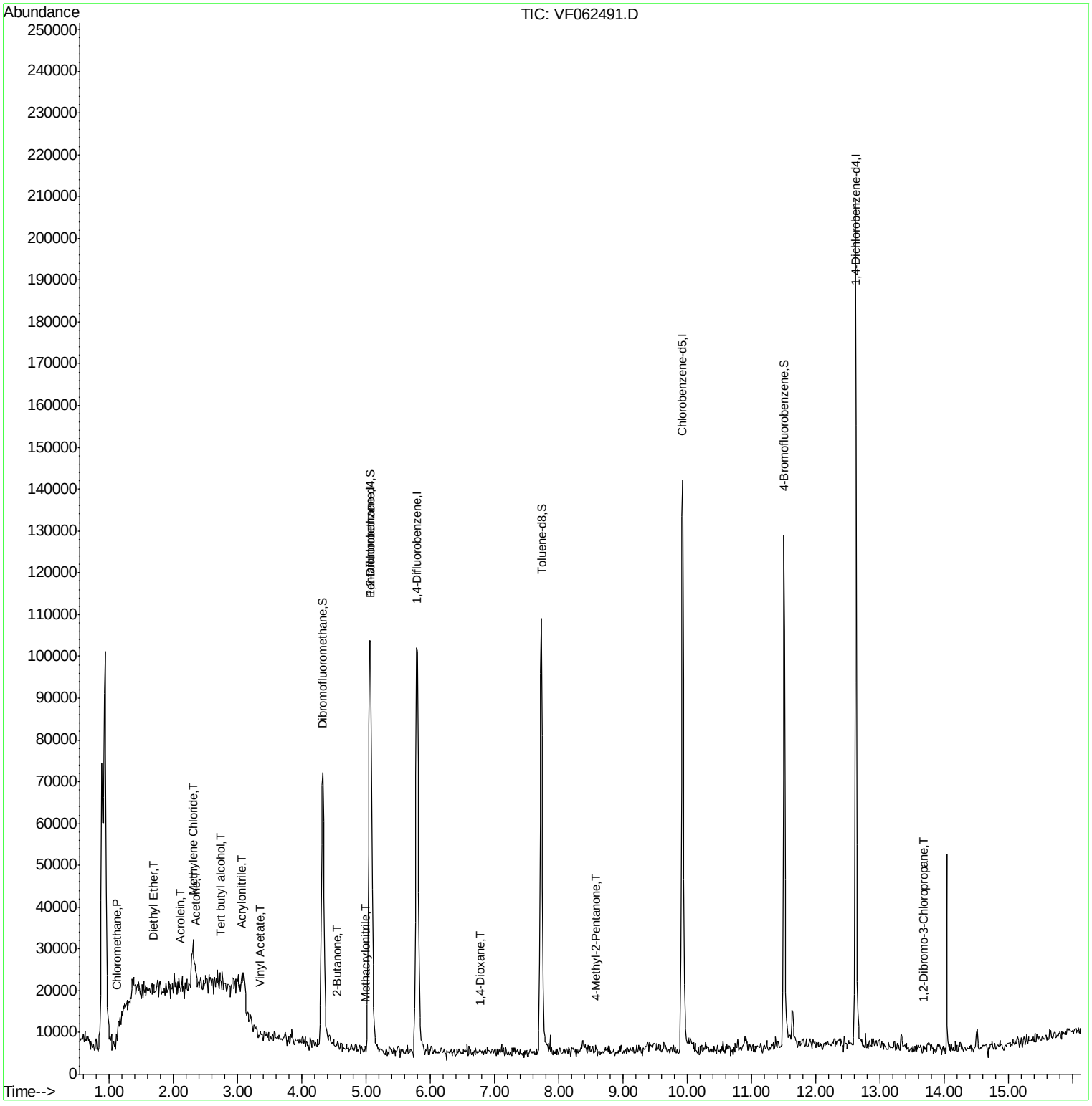
(#) = qualifier out of range (m) = manual integration (+) = signals summed

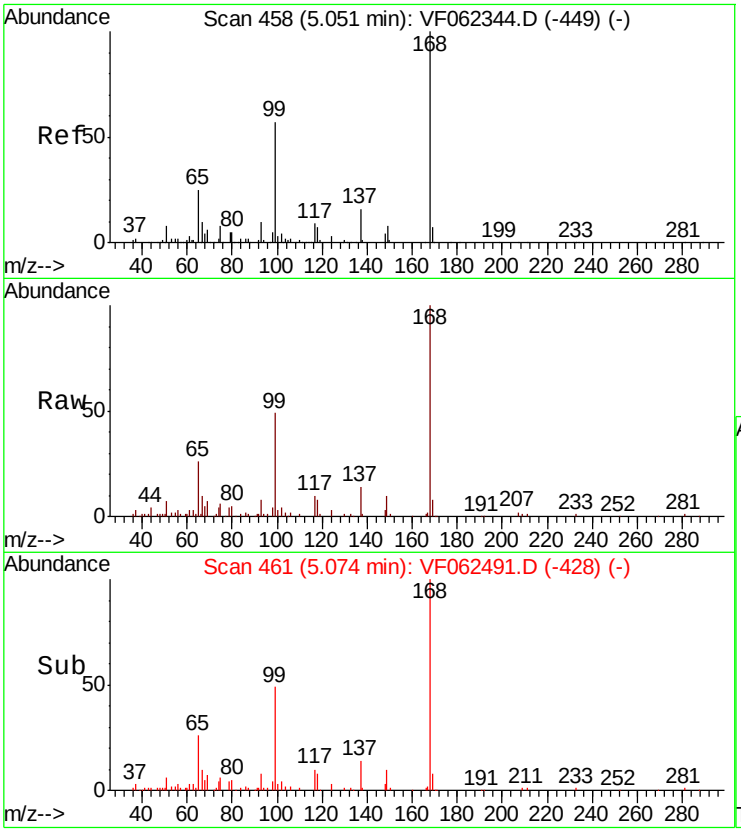
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
Data File : VF062491.D
Acq On : 12 May 2019 7:06
Operator : FY/SY
Sample : K2756-08
Misc : 5.21g/5mL/MSVOA_F/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Quant Time: May 12 10:07:09 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



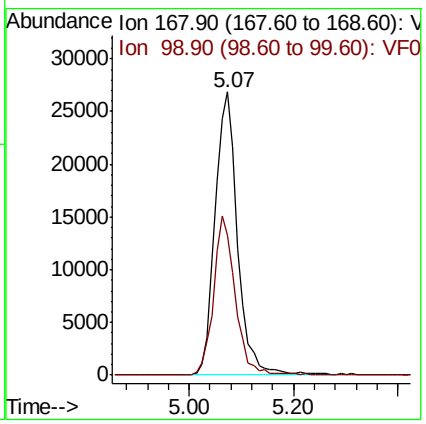


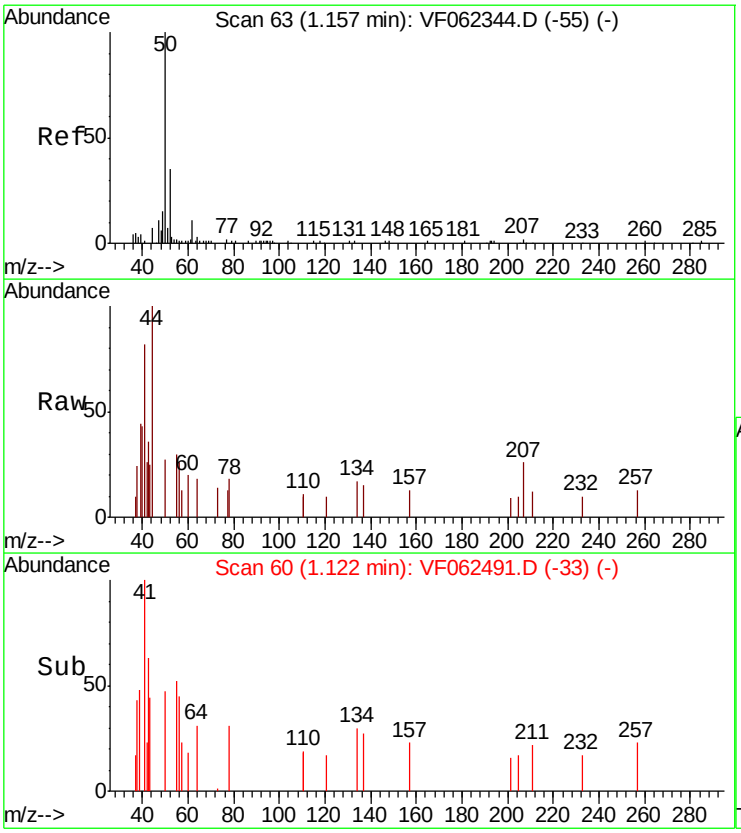
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 461
Delta R.T. 0.02 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion:168 Resp: 80332

Ion	Ratio	Lower	Upper
168	100		
99	49.4	45.9	68.9

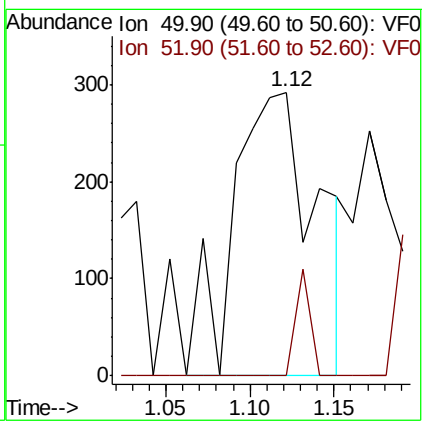


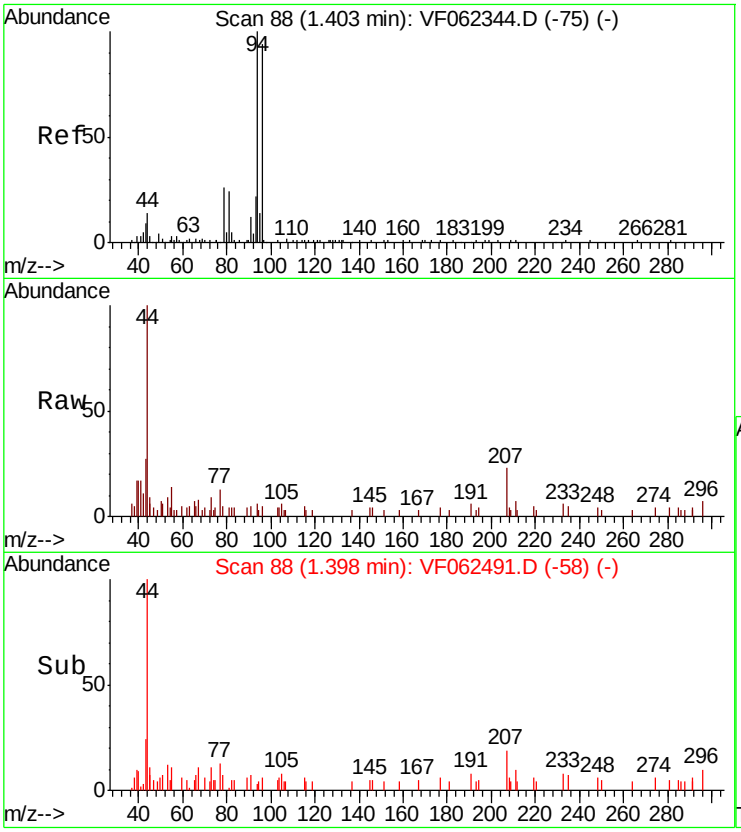


#3
Chloromethane
Concen: 1.650 ug/l
RT: 1.12 min Scan# 60
Delta R.T. -0.04 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Tgt Ion: 50 Resp: 1012

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.1	39.1#



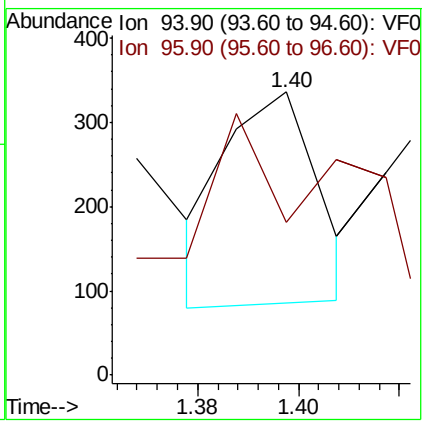


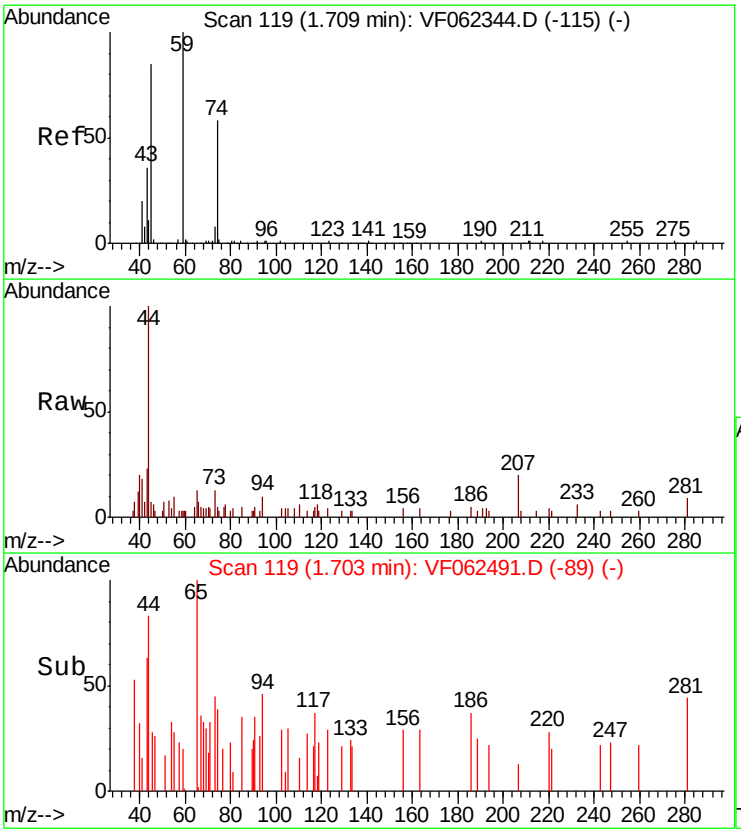
#5
Bromomethane
Concen: Below Cal
RT: 1.40 min Scan# 88
Delta R.T. -0.01 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion: 94 Resp: 319

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#

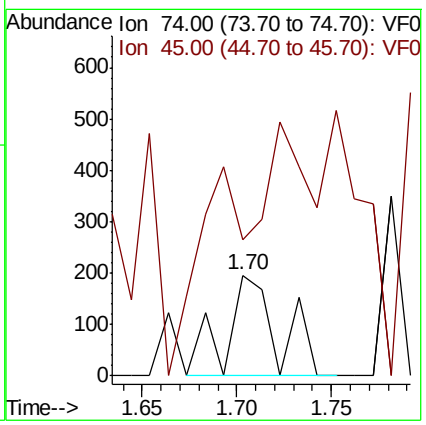


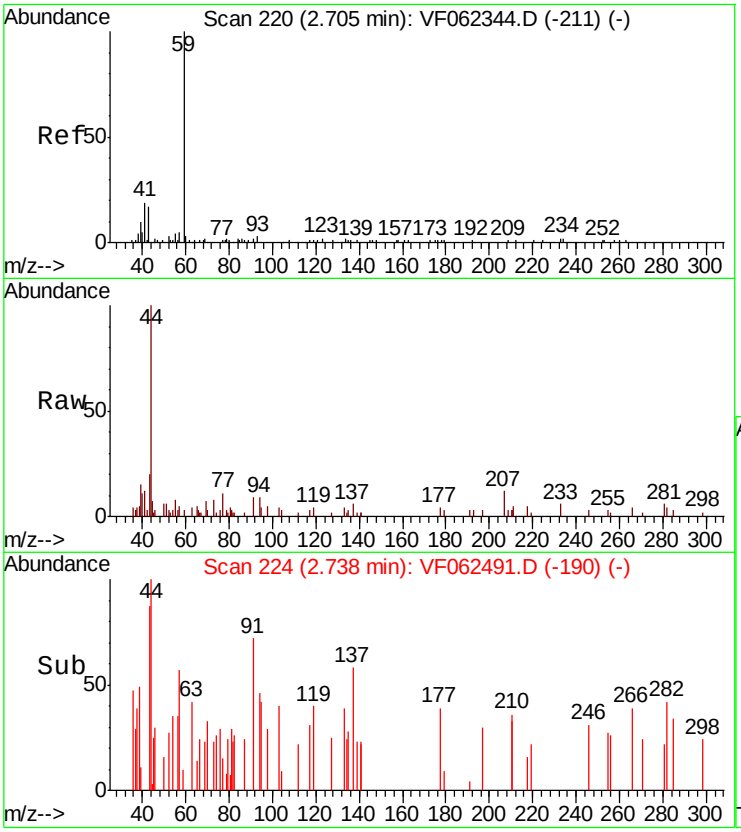


#8
Diethyl Ether
Concen: 1.958 ug/l
RT: 1.70 min Scan# 119
Delta R.T. -0.01 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Tgt Ion: 74 Resp: 376

Ion	Ratio	Lower	Upper
74	100		
45	179.3	73.9	221.6



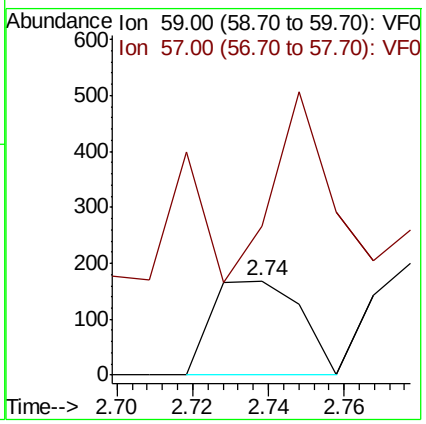


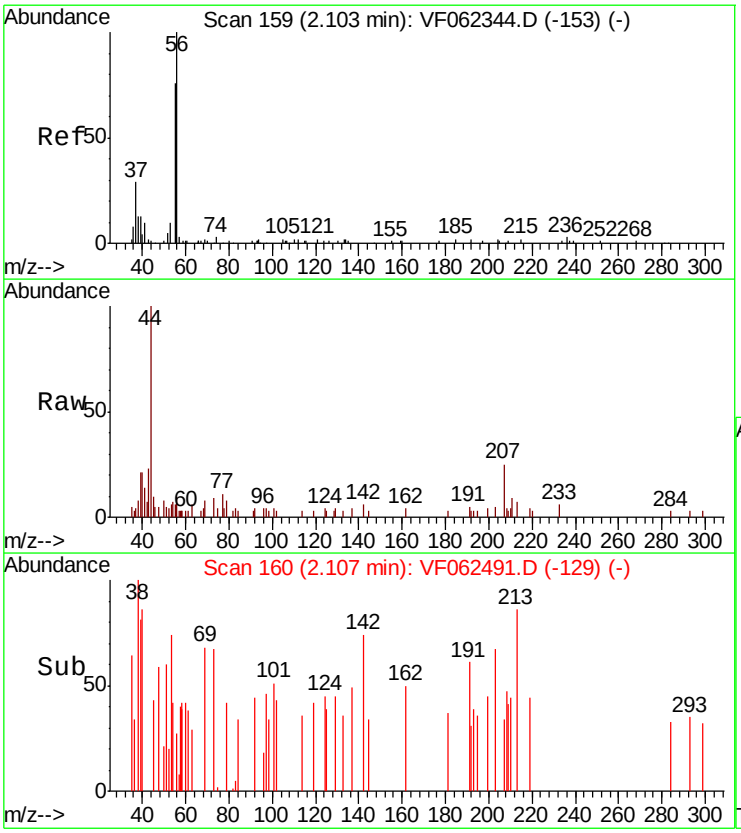
#11
Tert butyl alcohol
Concen: 6.339 ug/l
RT: 2.74 min Scan# 224
Delta R.T. 0.03 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion: 59 Resp: 272

Ion	Ratio	Lower	Upper
59	100		
57	131.3	9.3	13.9#

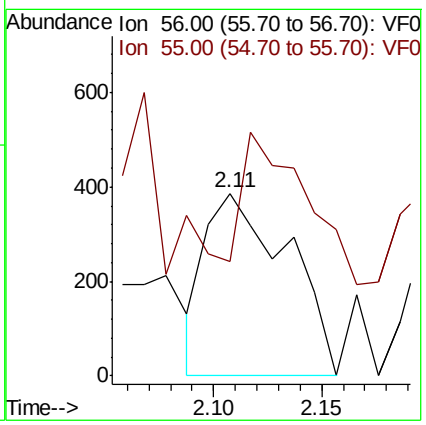


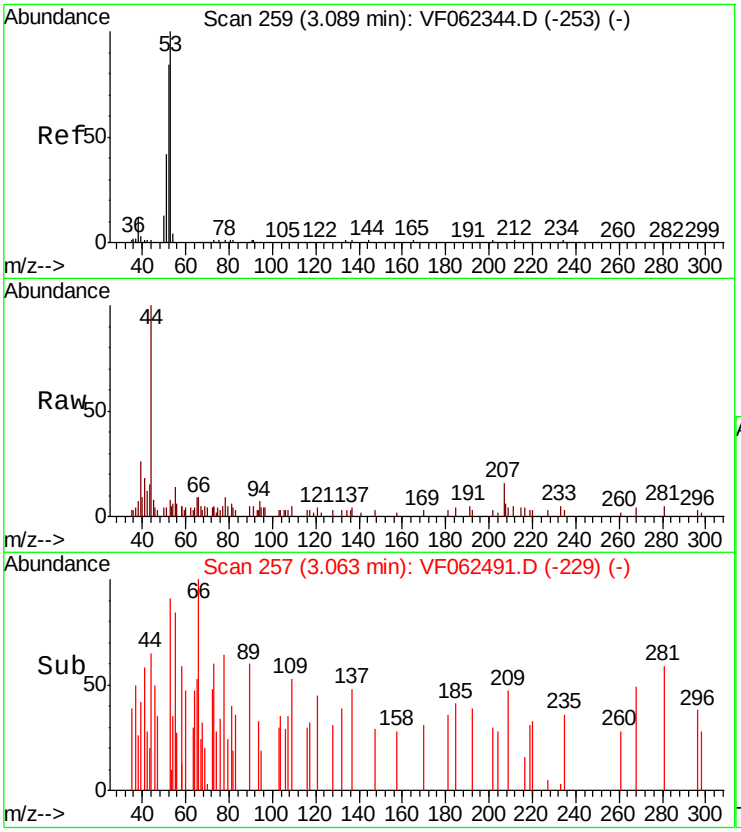


#13
Acrolein
Concen: 19.441 ug/l
RT: 2.11 min Scan# 160
Delta R.T. 0.00 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Tgt Ion: 56 Resp: 1032

Ion	Ratio	Lower	Upper
56	100		
55	65.0	58.4	87.6



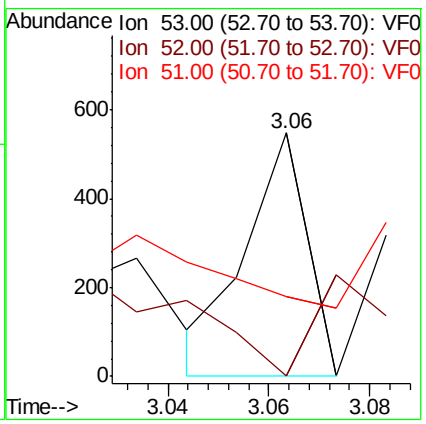


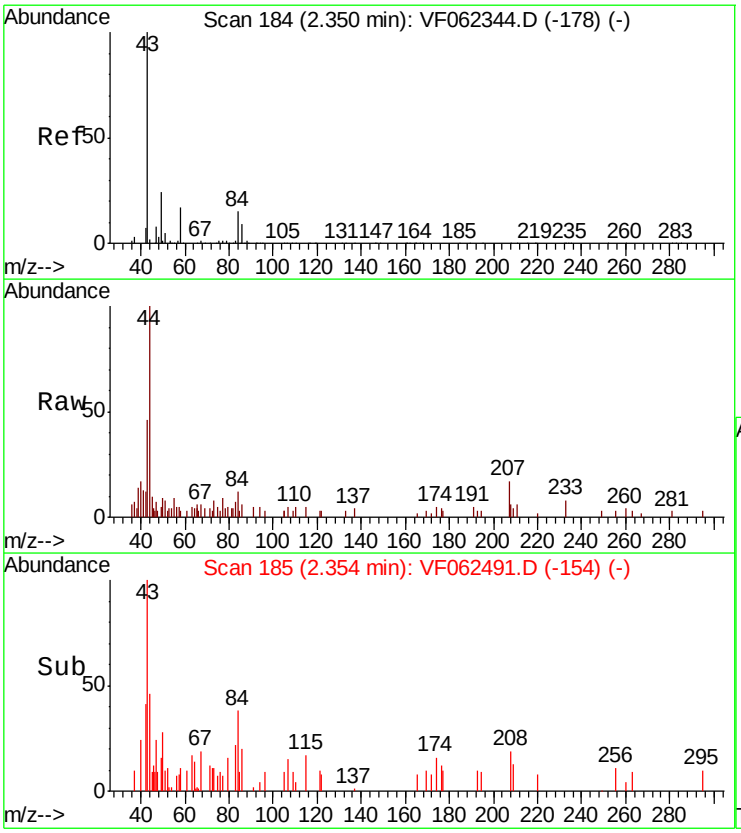
#15
Acrylonitrile
Concen: 5.598 ug/l
RT: 3.06 min Scan# 257
Delta R.T. -0.03 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion: 53 Resp: 455

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

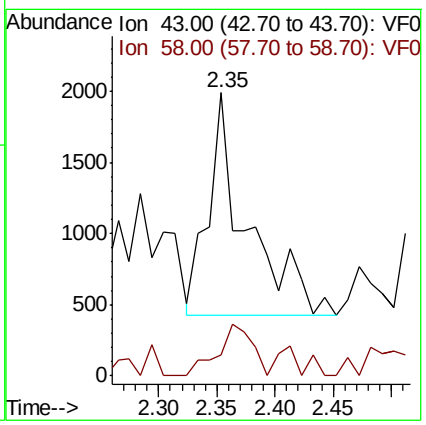


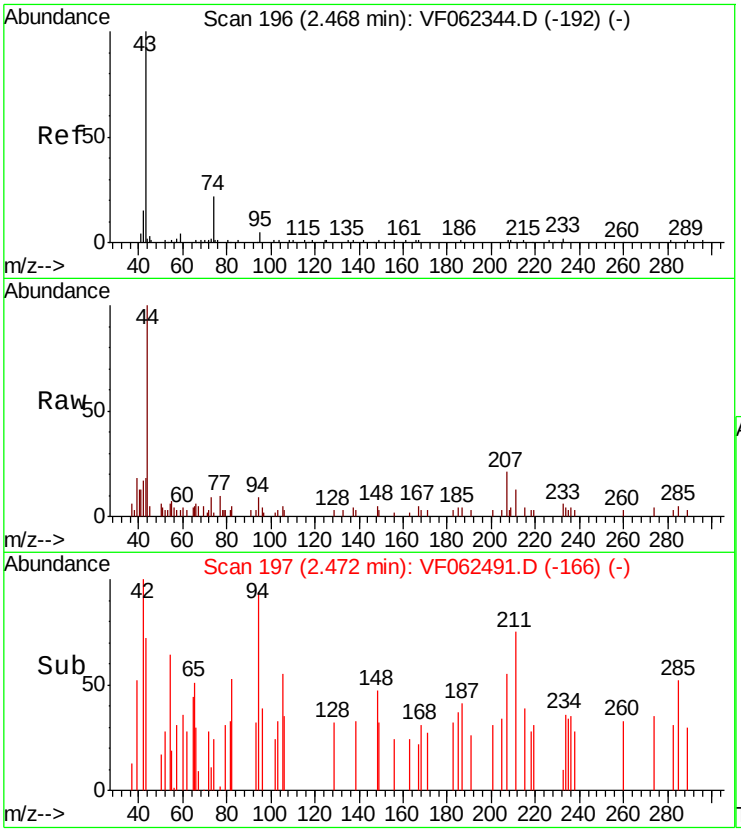


#16
Acetone
Concen: 23.070 ug/l
RT: 2.35 min Scan# 185
Delta R.T. 0.00 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Tgt Ion: 43 Resp: 3543

Ion	Ratio	Lower	Upper
43	100		
58	9.2	13.1	19.7#



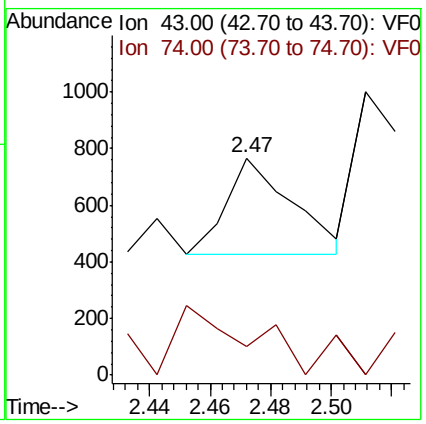


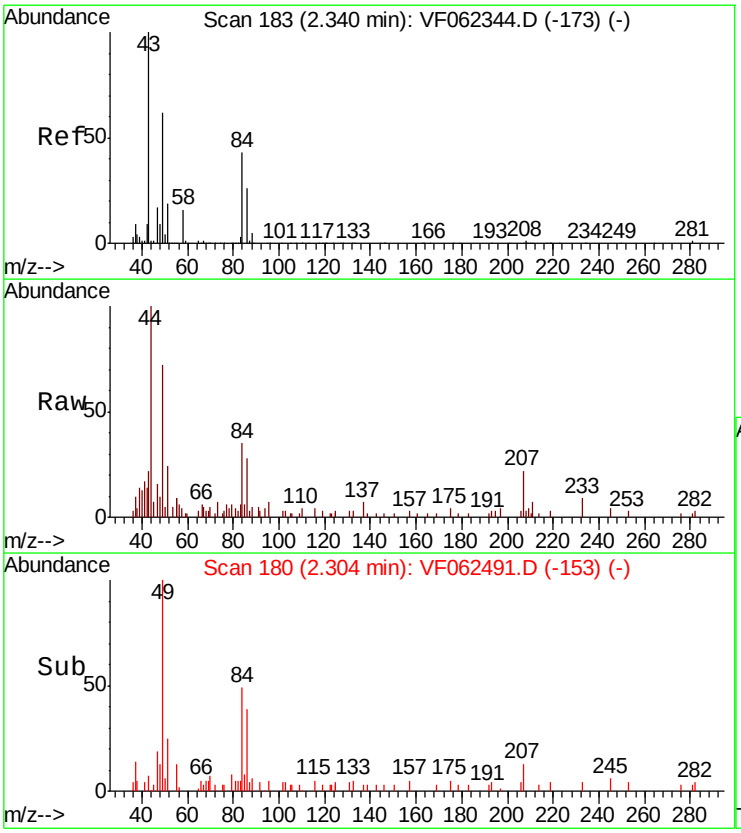
#18
Methyl Acetate
Concen: Below Cal
RT: 2.47 min Scan# 197
Delta R.T. 0.00 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion: 43 Resp: 518

Ion	Ratio	Lower	Upper
43	100		
74	95.9	15.0	22.4#

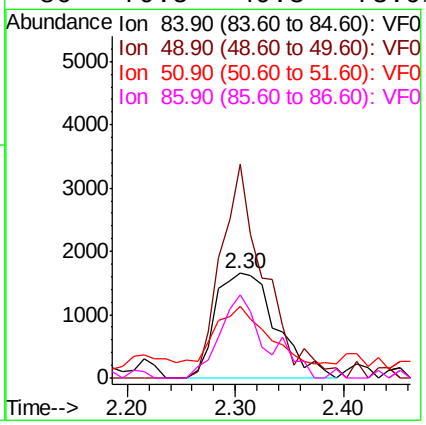


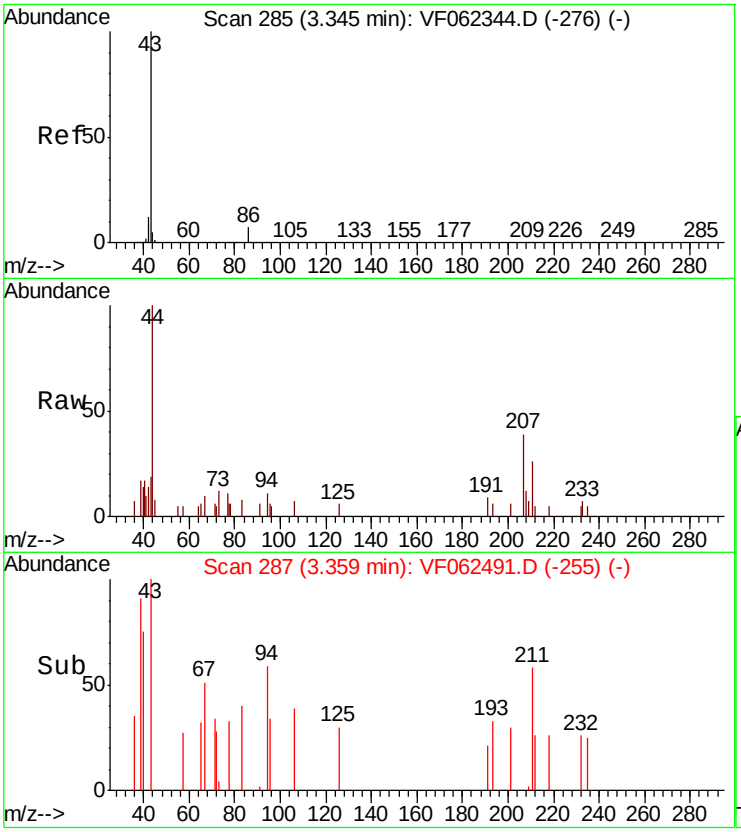


#20
Methylene Chloride
Concen: 11.590 ug/l
RT: 2.30 min Scan# 180
Delta R.T. -0.04 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Tgt Ion: 84 Resp: 6440

Ion	Ratio	Lower	Upper
84	100		
49	203.6	117.5	176.3#
51	55.3	37.0	55.4
86	79.5	49.3	73.9#



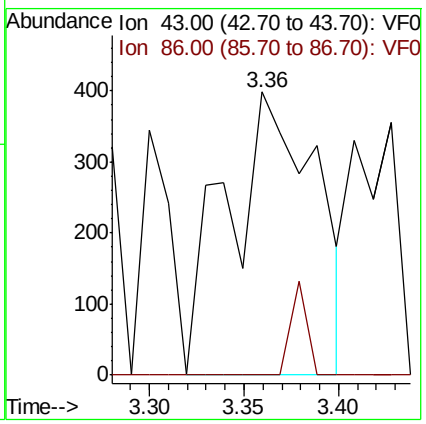


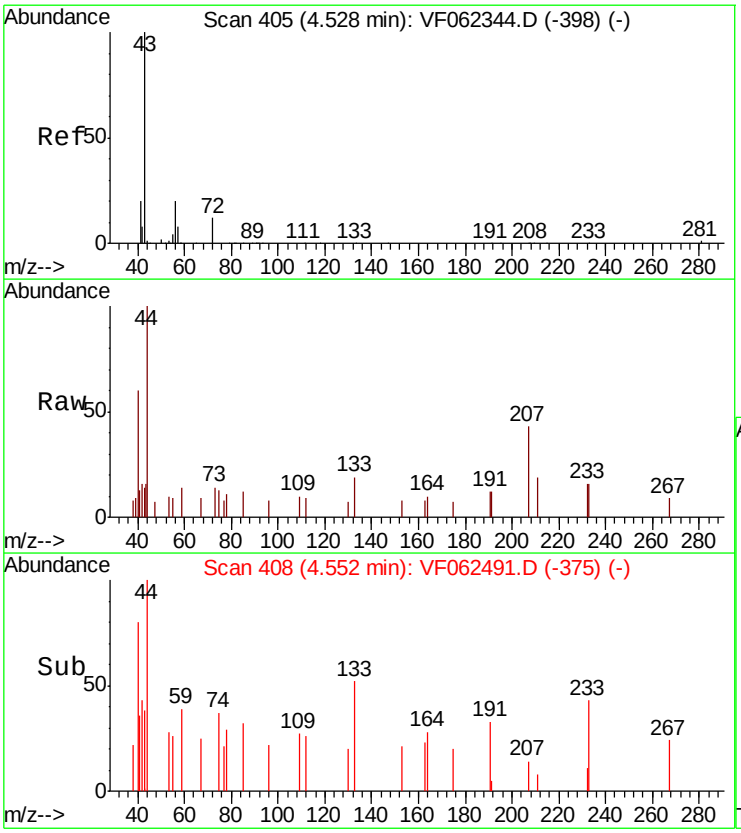
#23
Vinyl Acetate
Concen: 1.729 ug/l
RT: 3.36 min Scan# 287
Delta R.T. 0.01 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion: 43 Resp: 1310

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.7	8.5#

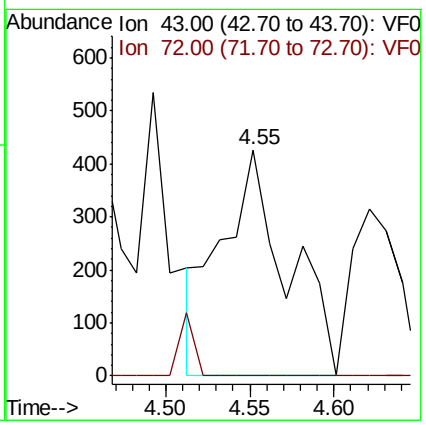


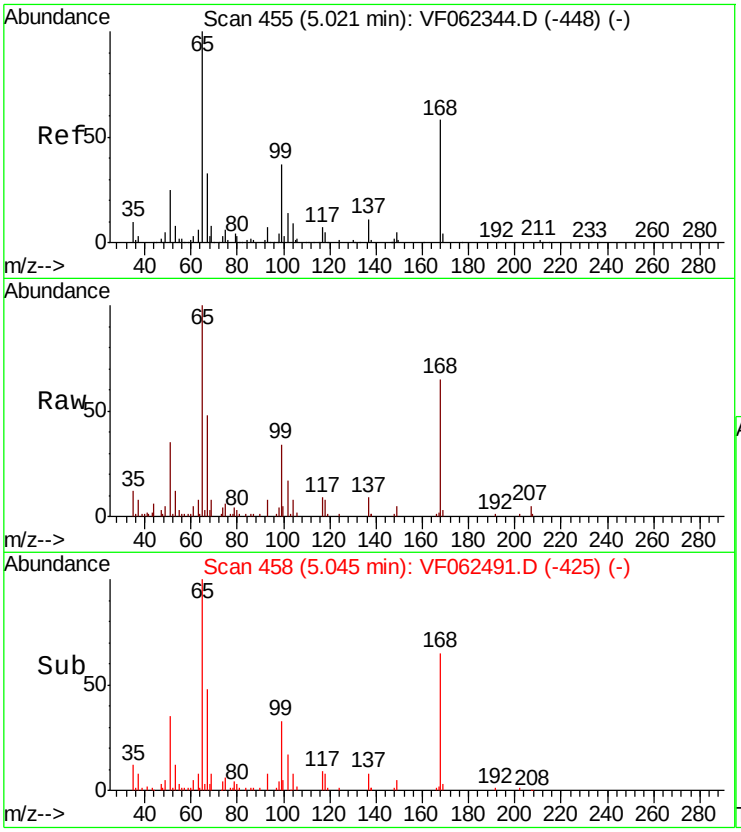


#25
2-Butanone
Concen: 6.028 ug/l
RT: 4.55 min Scan# 408
Delta R.T. 0.02 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Tgt Ion: 43 Resp: 1163

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#



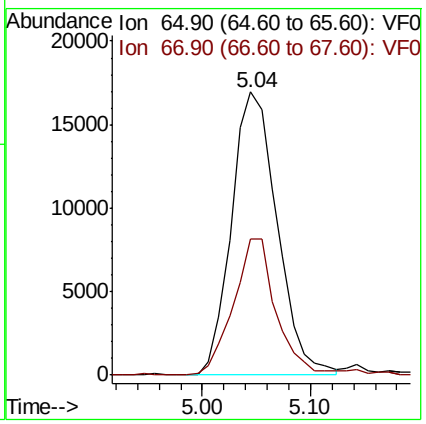


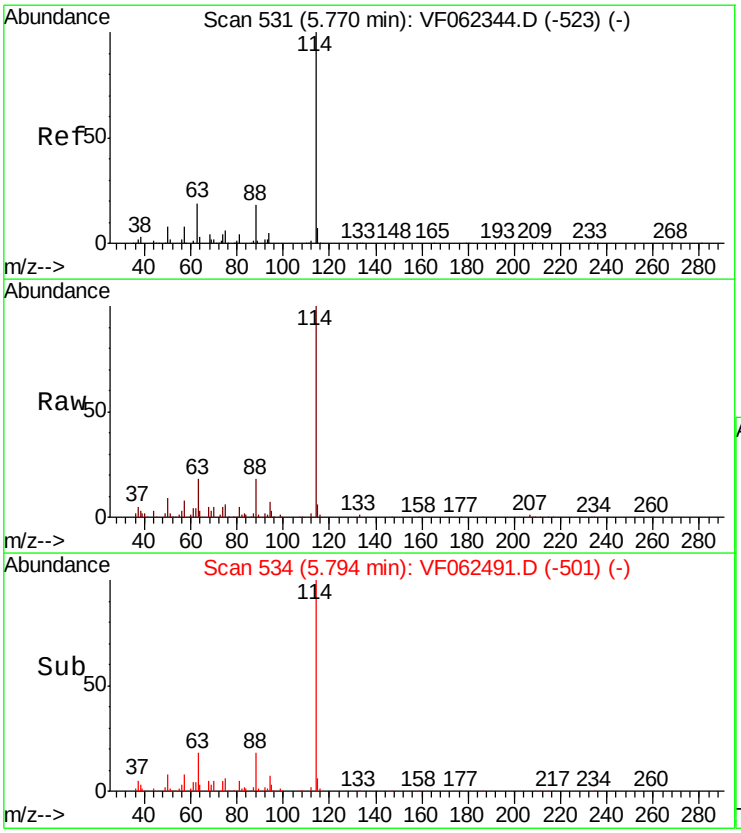
#33
1,2-Dichloroethane-d4
Concen: 65.386 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.02 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Instrument : MSVOA_F
ClientSampleId : P021-SS006-0612-01

Tgt Ion: 65 Resp: 49639

Ion	Ratio	Lower	Upper
65	100		
67	45.3	0.0	85.8

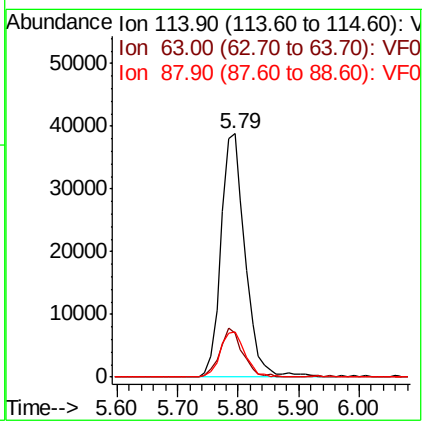


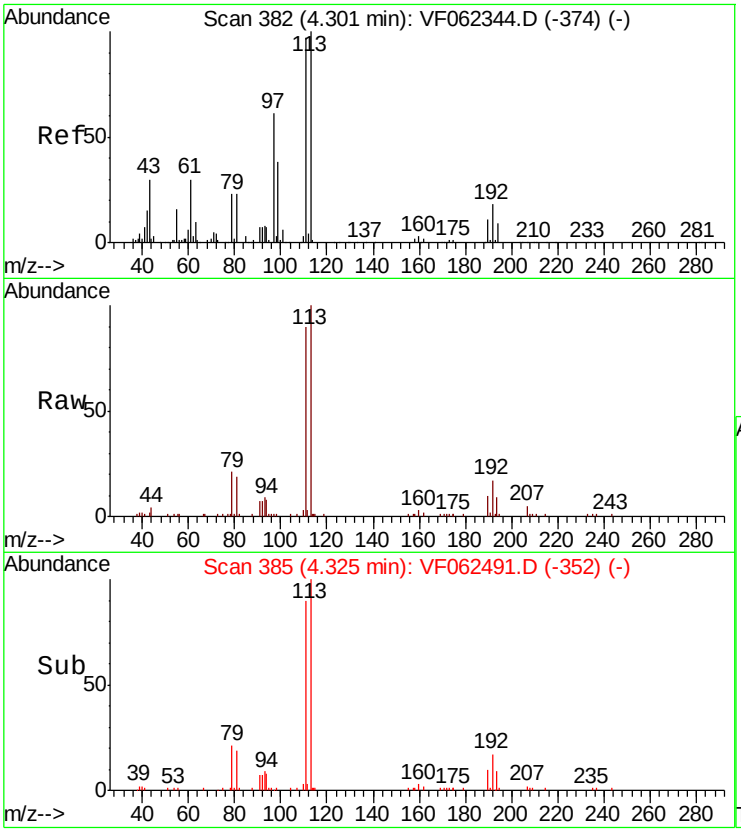


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.02 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Tgt Ion:114 Resp: 107825

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	37.4
88	18.3	0.0	36.4



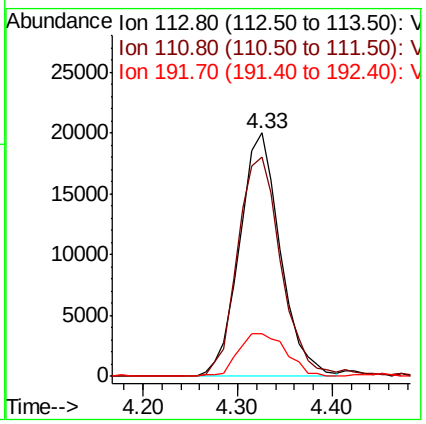


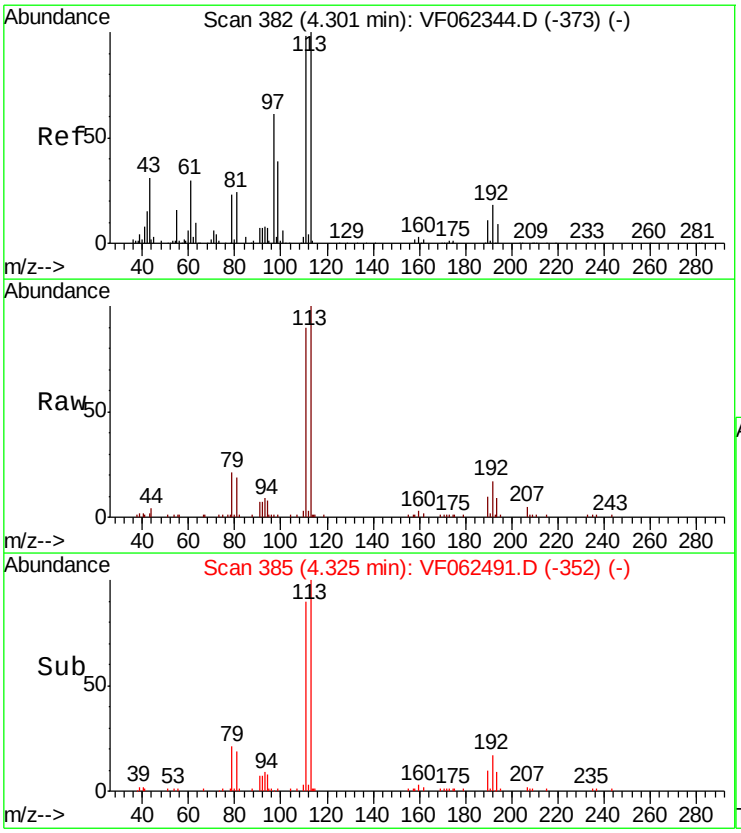
#35
Dibromofluoromethane
Concen: 70.120 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion:113 Resp: 60235

Ion	Ratio	Lower	Upper
113	100		
111	96.8	79.4	119.0
192	20.5	16.0	24.0

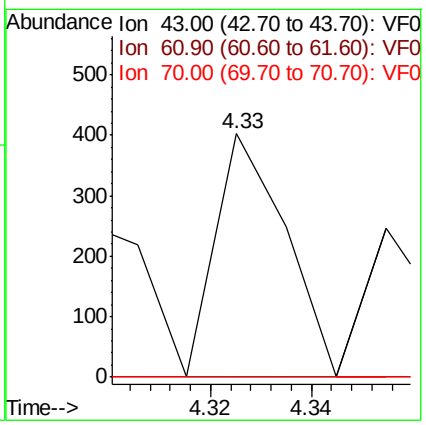


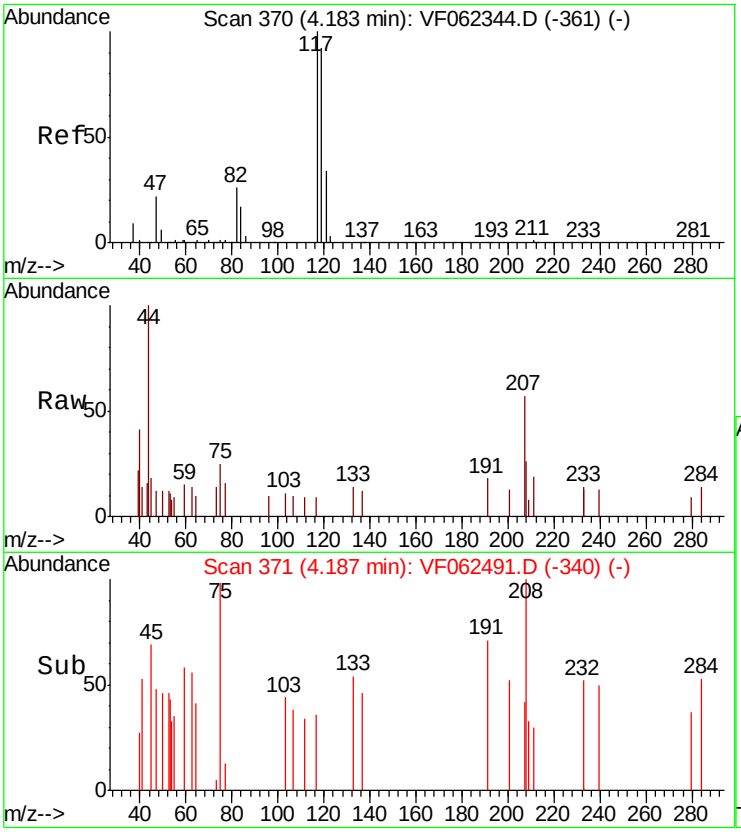


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Tgt Ion: 43 Resp: 385

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



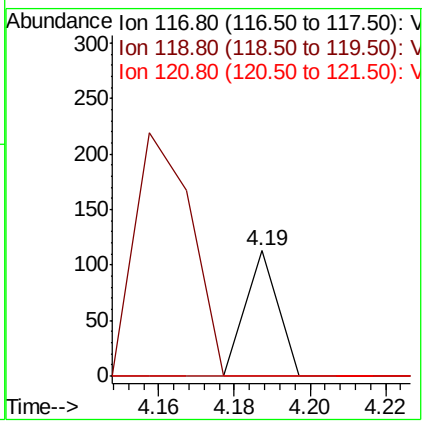


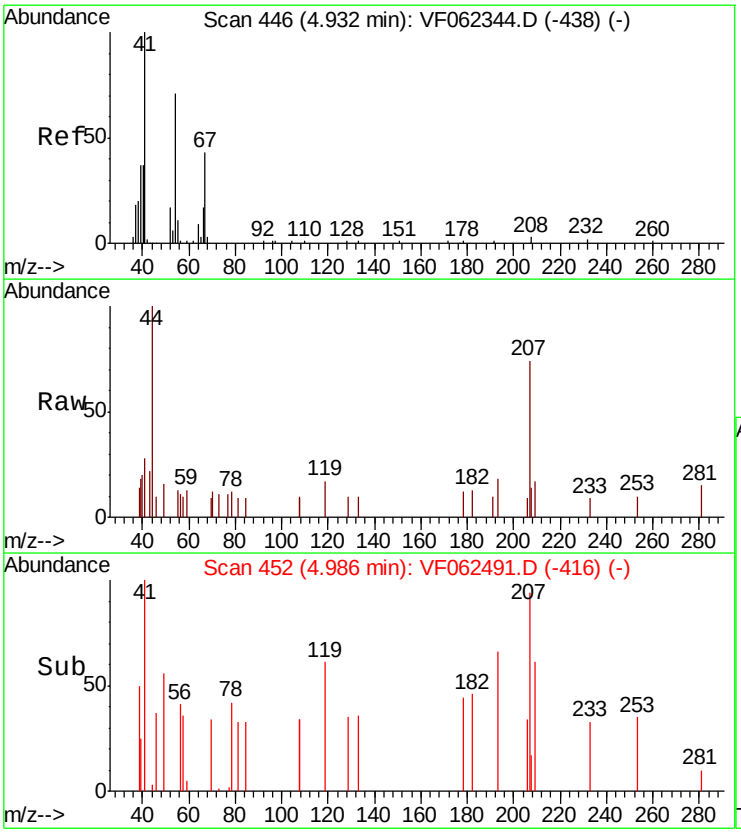
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.19 min Scan# 371
Delta R.T. 0.00 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Instrument : MSVOA_F
ClientSampleId : P021-SS006-0612-01

Tgt Ion:117 Resp: 67

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

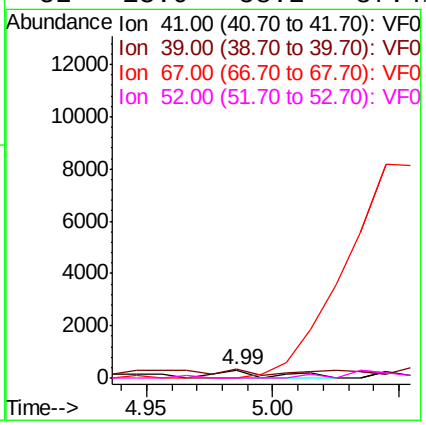


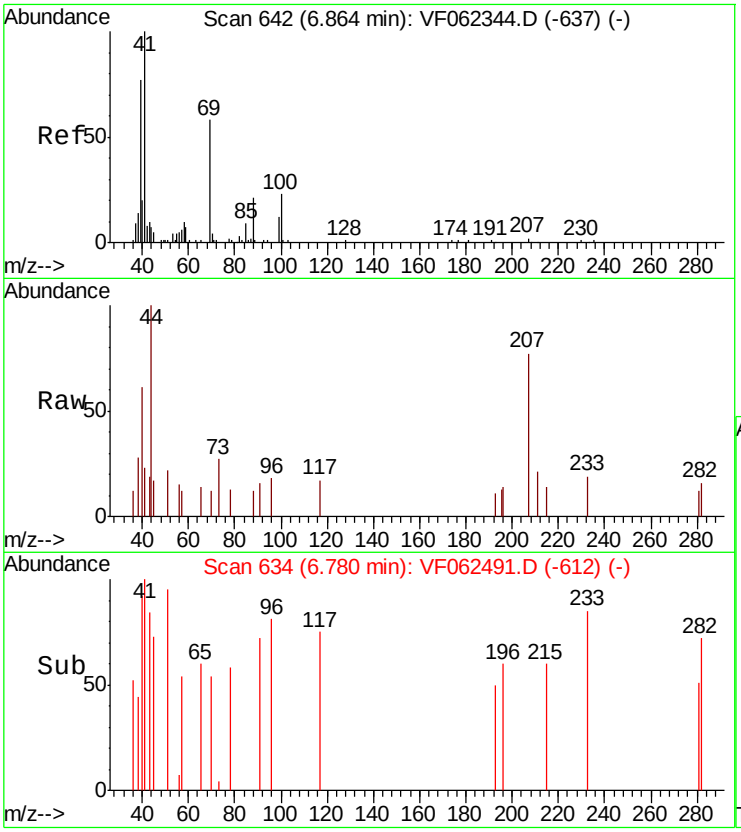


#41
Methacrylonitrile
Concen: 2.121 ug/l
RT: 4.99 min Scan# 452
Delta R.T. 0.05 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Tgt Ion: 41 Resp: 471

Ion	Ratio	Lower	Upper
41	100		
39	129.5	54.3	81.5#
67	0.0	37.8	56.8#
52	13.0	58.2	87.4#



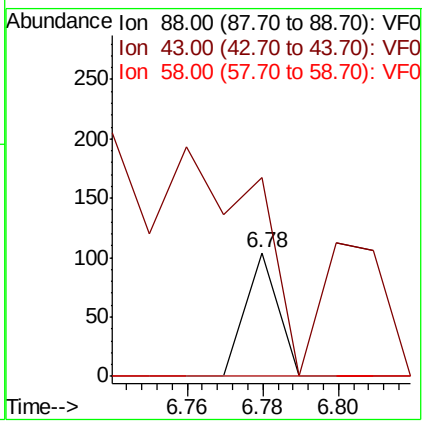


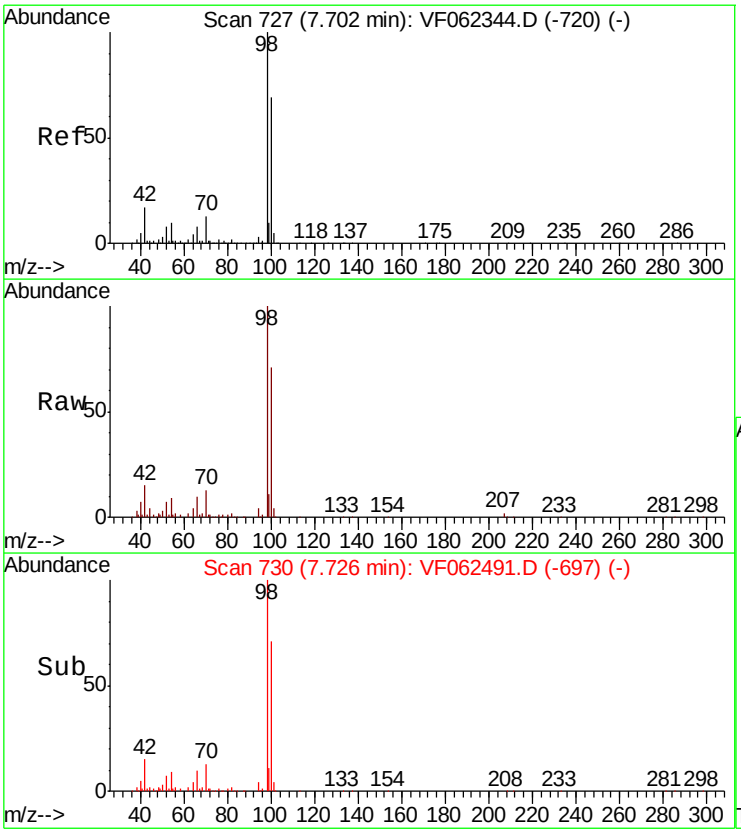
#49
1,4-Dioxane
Concen: 7.275 ug/l
RT: 6.78 min Scan# 634
Delta R.T. -0.08 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion: 88 Resp: 62

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

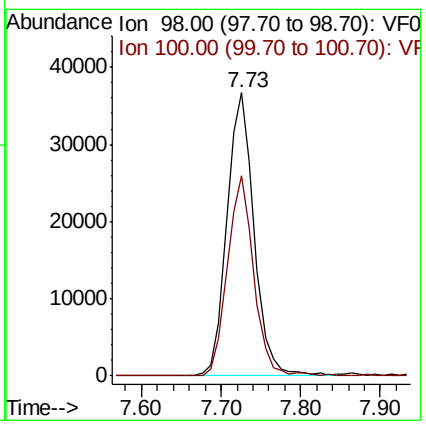


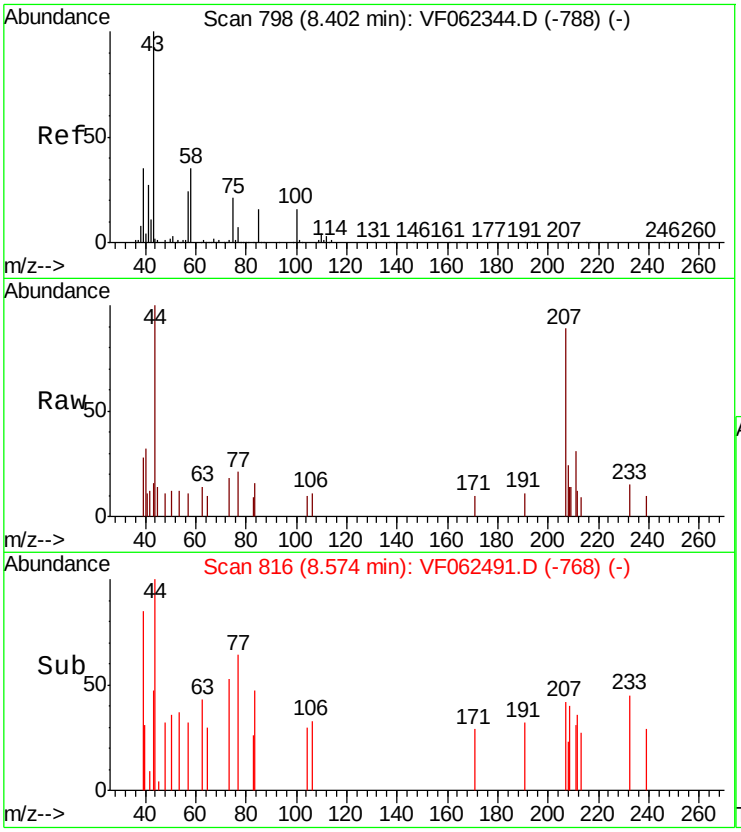


#50
Toluene-d8
Concen: 42.236 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Tgt Ion: 98 Resp: 87826

Ion	Ratio	Lower	Upper
98	100		
100	68.1	53.3	79.9



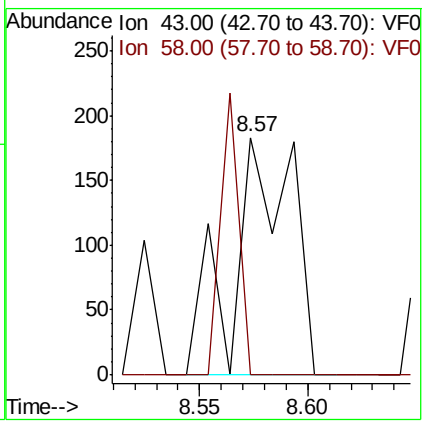


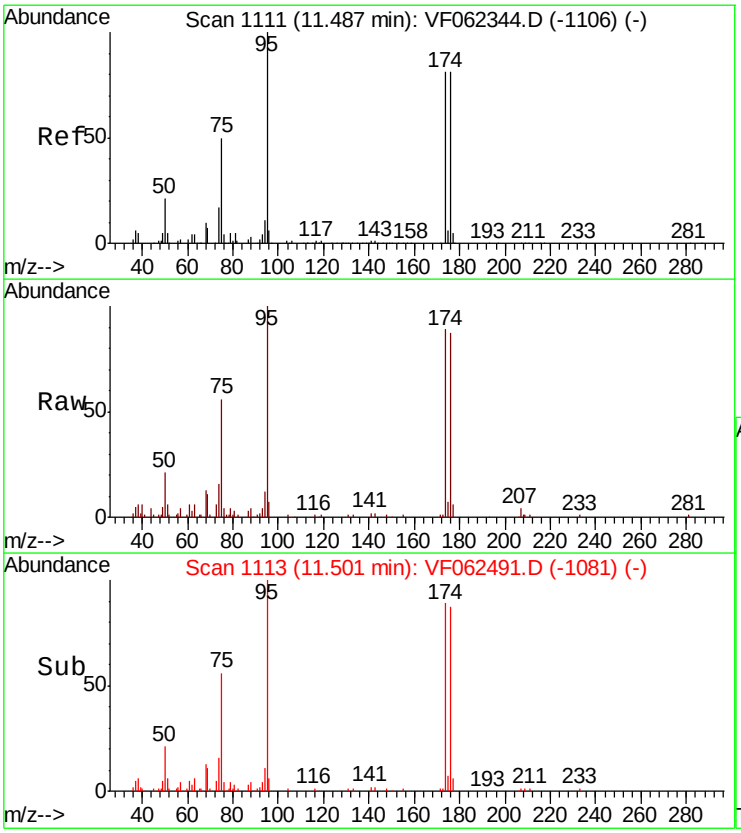
#51
4-Methyl-2-Pentanone
Concen: 1.090 ug/l
RT: 8.57 min Scan# 816
Delta R.T. 0.17 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion: 43 Resp: 348

Ion	Ratio	Lower	Upper
43	100		
58	37.1	27.8	41.6

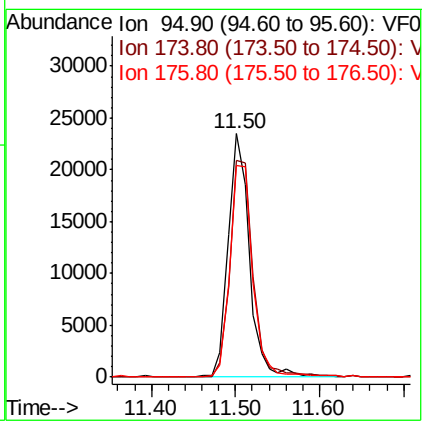


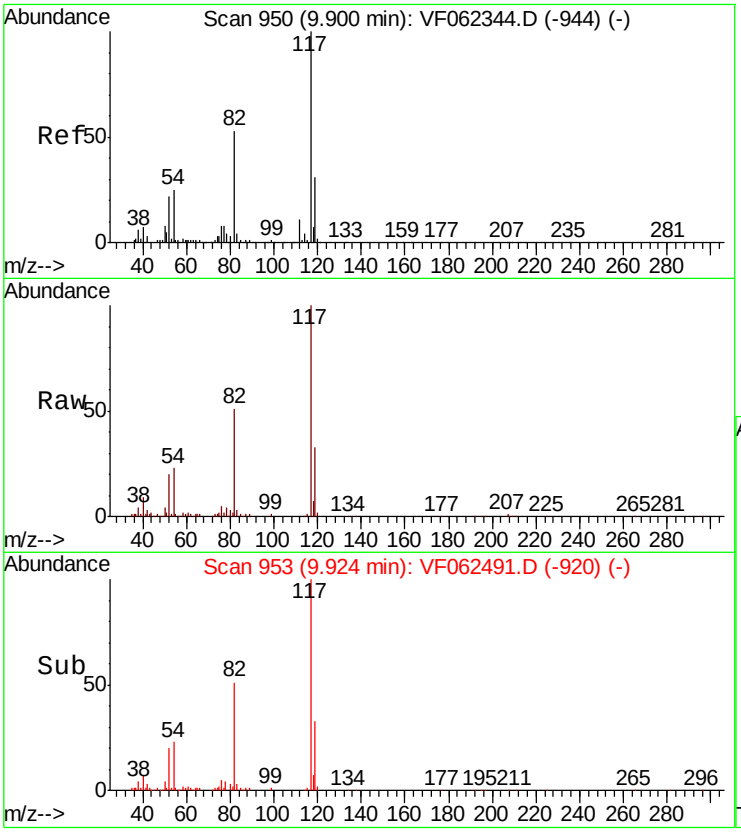


#62
4-Bromofluorobenzene
Concen: 44.211 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Tgt Ion: 95 Resp: 41476

Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	191.8
176	93.9	0.0	193.2



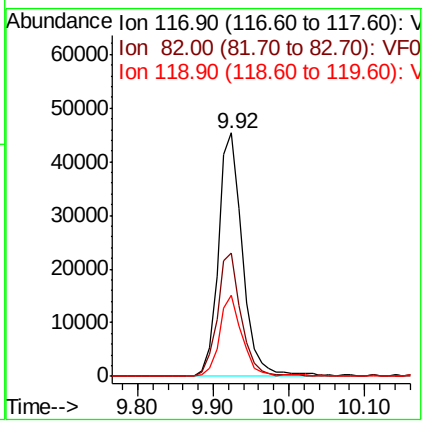


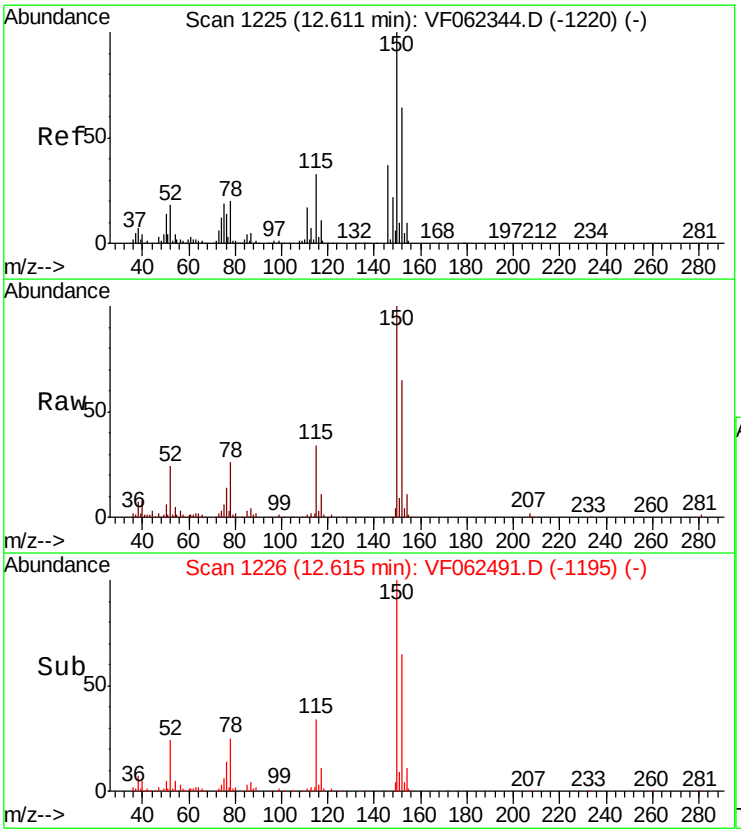
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion:117 Resp: 100364

Ion	Ratio	Lower	Upper
117	100		
82	50.5	42.2	63.2
119	33.0	25.0	37.4

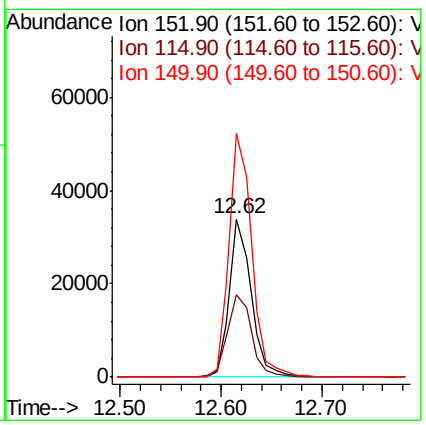


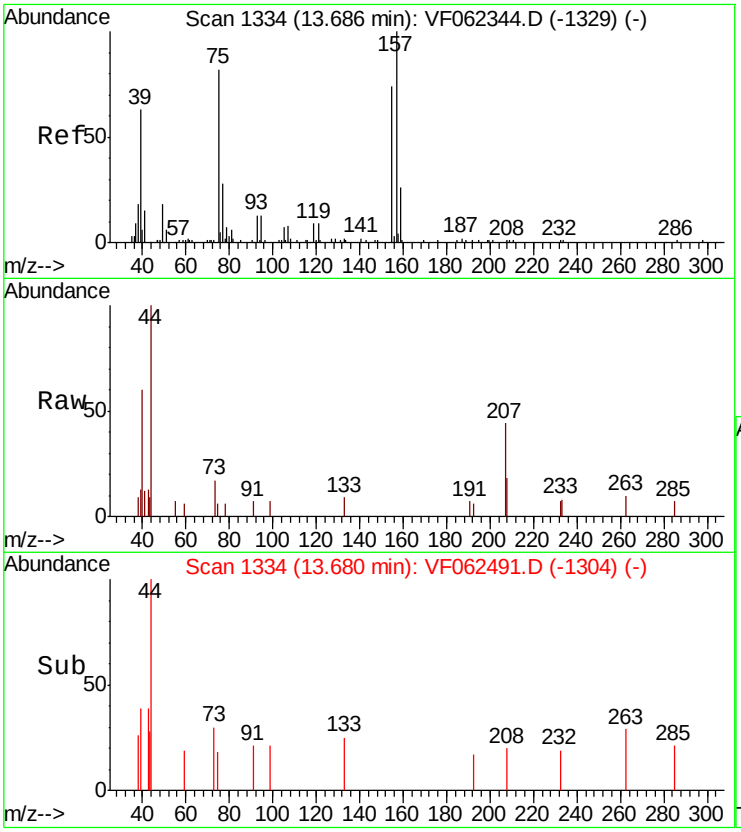


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Tgt Ion:152 Resp: 51487

Ion	Ratio	Lower	Upper
152	100		
115	57.6	26.4	79.2
150	159.0	0.0	335.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.186 ug/l
RT: 13.68 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VF062491.D
Acq: 12 May 2019 7:06

Instrument :
MSVOA_F
ClientSampleId :
P021-SS006-0612-01

Tgt Ion: 75 Resp: 127

Ion	Ratio	Lower	Upper
75	100		
155	0.0	51.8	155.4#
157	0.0	67.3	201.8#