Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062447.D
Acq On : 11 May 2019 5:01
Operator : FY/SY
Sample : K2719-20
Misc : 5.39g/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P026-SS011-0612-01

Quant Time: May 11 05:42:30 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	5.06	168	250109	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	315983	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	152641	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	39183	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	178469	75.51	ug/l	0.01
Spiked Amount 50.000			Recovery = 151.02%			
35) Dibromofluoromethane	4.32	113	191205	75.95	ug/l	0.01
Spiked Amount 50.000			Recovery = 151.90%			
50) Toluene-d8	7.72	98	243715	39.99	ug/l	0.01
Spiked Amount 50.000			Recovery = 79.98%			
62) 4-Bromofluorobenzene	11.50	95	58335	21.22	ug/l	0.01
Spiked Amount 50.000			Recovery = 42.44%			
Target Compounds						Qvalue
5) Bromomethane	1.44	94	637	Below Cal	#	56
11) Tert butyl alcohol	2.72	59	545	4.080	ug/l #	70
13) Acrolein	2.08	56	381	Below Cal	#	13
15) Acrylonitrile	3.10	53	814	3.217	ug/l #	30
16) Acetone	2.34	43	5979	12.505	ug/l	94
18) Methyl Acetate	2.48	43	1145	Below Cal	#	71
20) Methylene Chloride	2.31	84	15886	9.183	ug/l #	80
25) 2-Butanone	4.55	43	2024	3.369	ug/l #	60
29) Tetrahydrofuran	4.29	42	681	2.467	ug/l #	56
37) Ethyl Acetate	4.28	43	176	Below Cal	#	1
38) Carbon Tetrachloride	4.20	117	107	Below Cal	#	14
39) Methylcyclohexane	5.77	83	5009	1.840	ug/l #	55
49) 1,4-Dioxane	7.02	88	64	Below Cal	#	1
59) 2-Hexanone	9.64	43	1394	2.154	ug/l #	43
74) N-amyl acetate	11.47	43	636	1.275	ug/l #	47
81) trans-1,4-Dichloro-2-buten	11.95	75	166	1.591	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.64	75	86	1.055	ug/l #	1

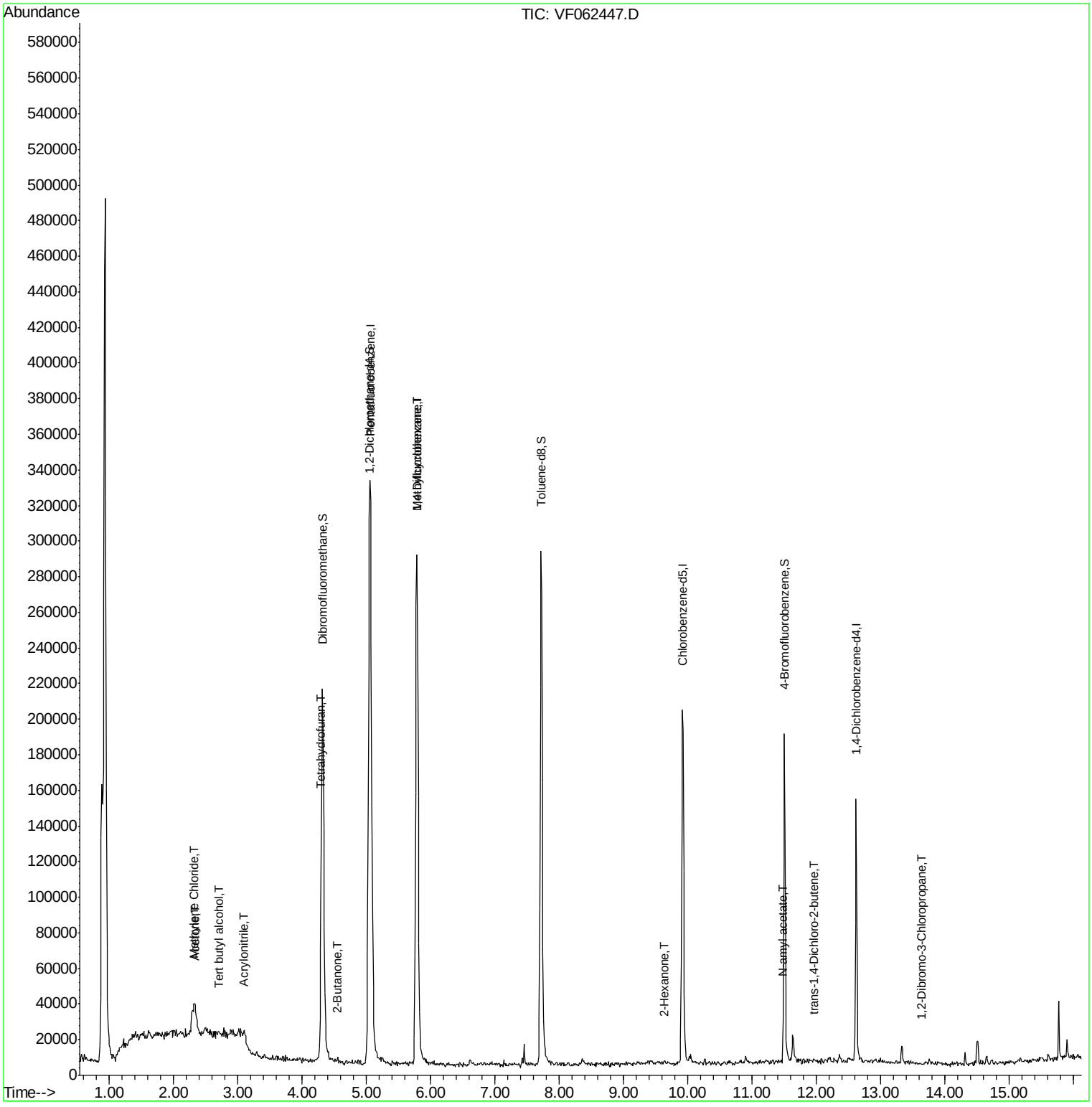
(#) = qualifier out of range (m) = manual integration (+) = signals summed

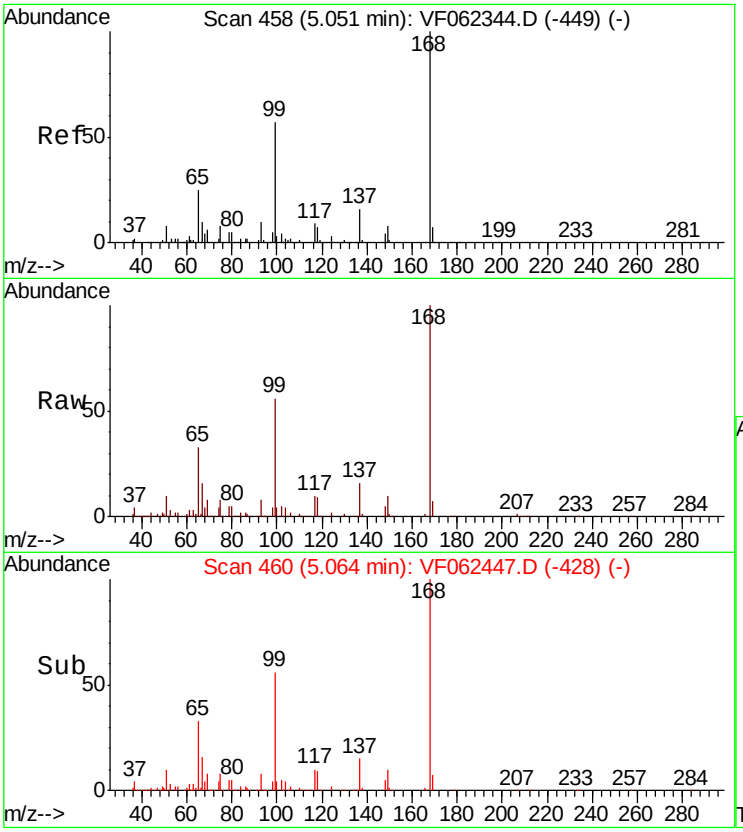
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051019\
Data File : VF062447.D
Acq On : 11 May 2019 5:01
Operator : FY/SY
Sample : K2719-20
Misc : 5.39g/5mL/MSVOA_F/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0612-01

Quant Time: May 11 05:42:30 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



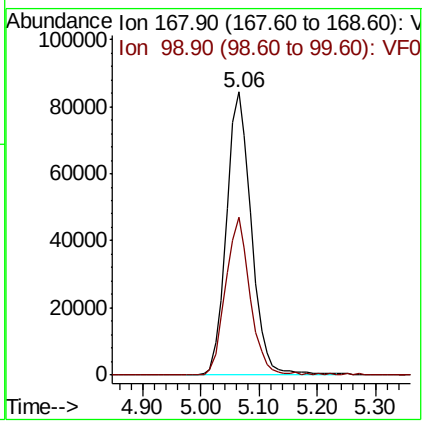


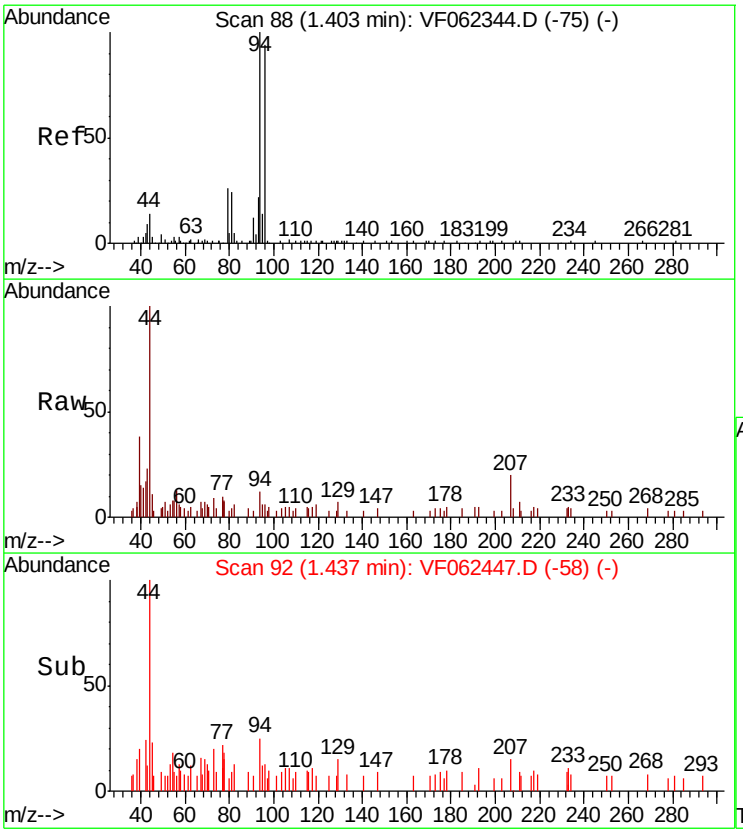
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 460
Delta R.T. 0.01 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0612-01

Tgt Ion:168 Resp: 250109

Ion	Ratio	Lower	Upper
168	100		
99	56.0	45.9	68.9

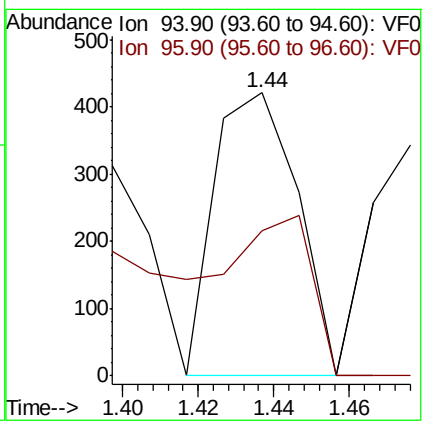


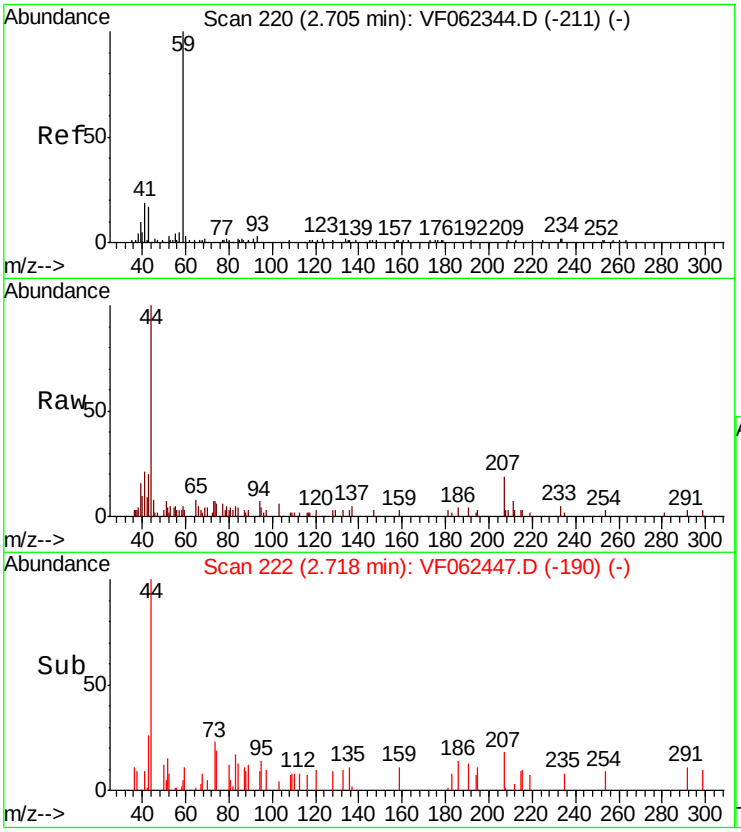


#5
Bromomethane
Concen: Below Cal
RT: 1.44 min Scan# 92
Delta R.T. 0.03 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Tgt Ion: 94 Resp: 637

Ion	Ratio	Lower	Upper
94	100		
96	51.3	75.4	113.2#



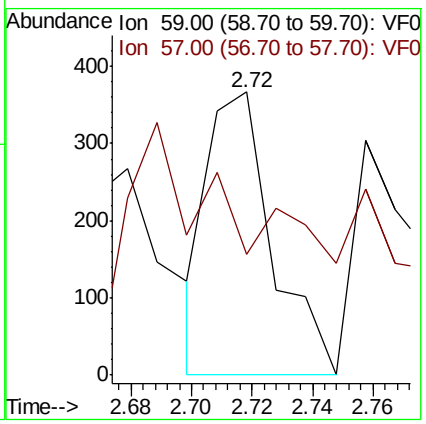


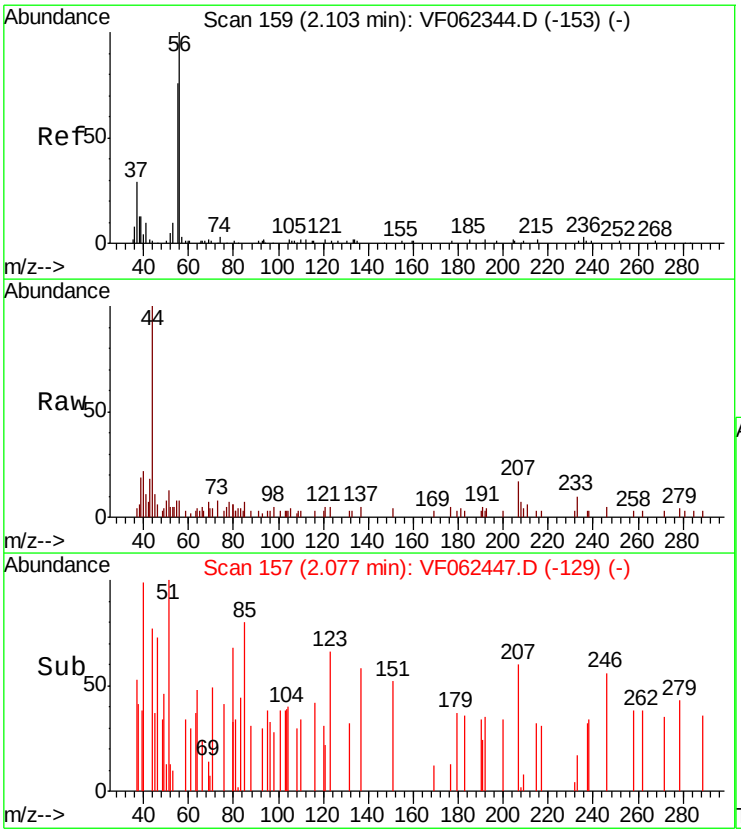
#11
Tert butyl alcohol
Concen: 4.080 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.01 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0612-01

Tgt Ion: 59 Resp: 545

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#

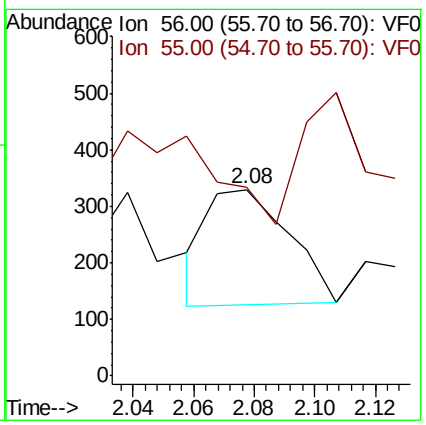


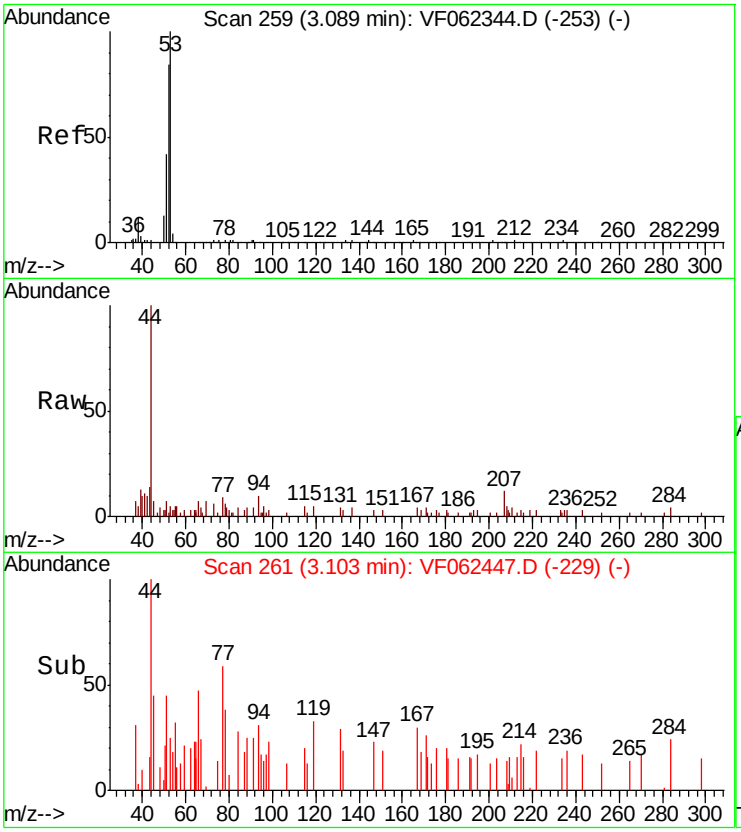


#13
Acrolein
Concen: Below Cal
RT: 2.08 min Scan# 157
Delta R.T. -0.03 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Tgt Ion: 56 Resp: 381

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.4	87.6#



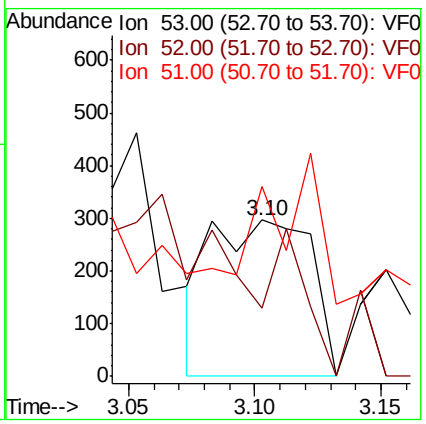


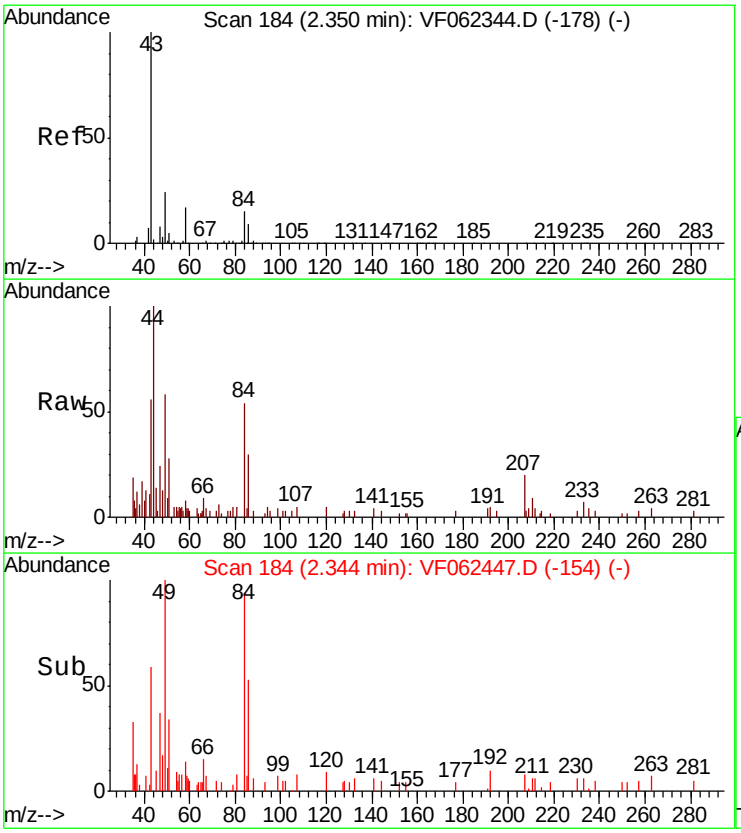
#15
Acrylonitrile
Concen: 3.217 ug/l
RT: 3.10 min Scan# 261
Delta R.T. 0.01 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Instrument : MSVOA_F
ClientSampleId : P026-SS011-0612-01

Tgt Ion: 53 Resp: 814

Ion	Ratio	Lower	Upper
53	100		
52	0.0	77.2	115.8#
51	38.9	40.6	61.0#

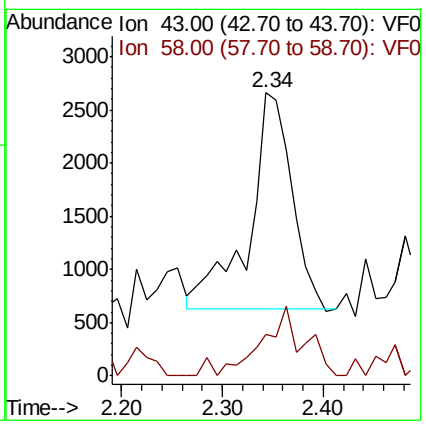


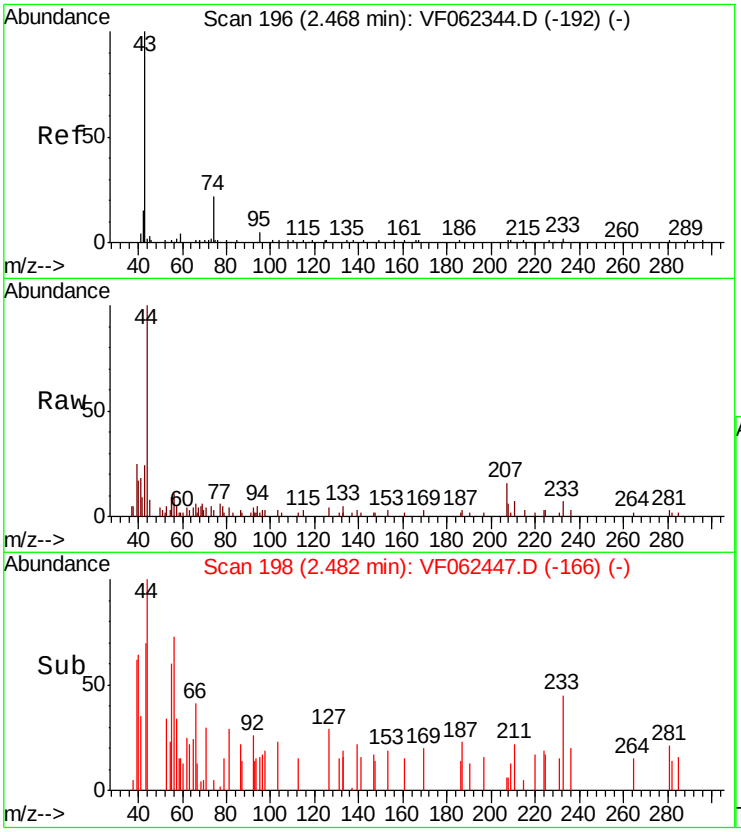


#16
Acetone
Concen: 12.505 ug/l
RT: 2.34 min Scan# 184
Delta R.T. -0.01 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Tgt Ion: 43 Resp: 5979

Ion	Ratio	Lower	Upper
43	100		
58	18.9	13.1	19.7



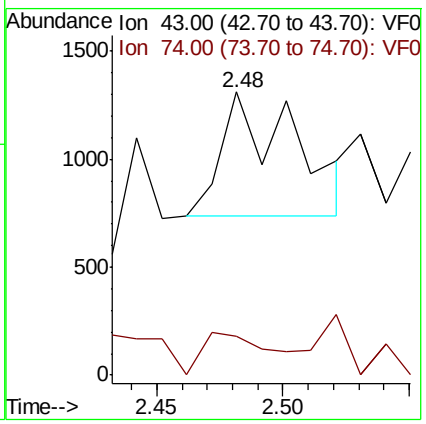


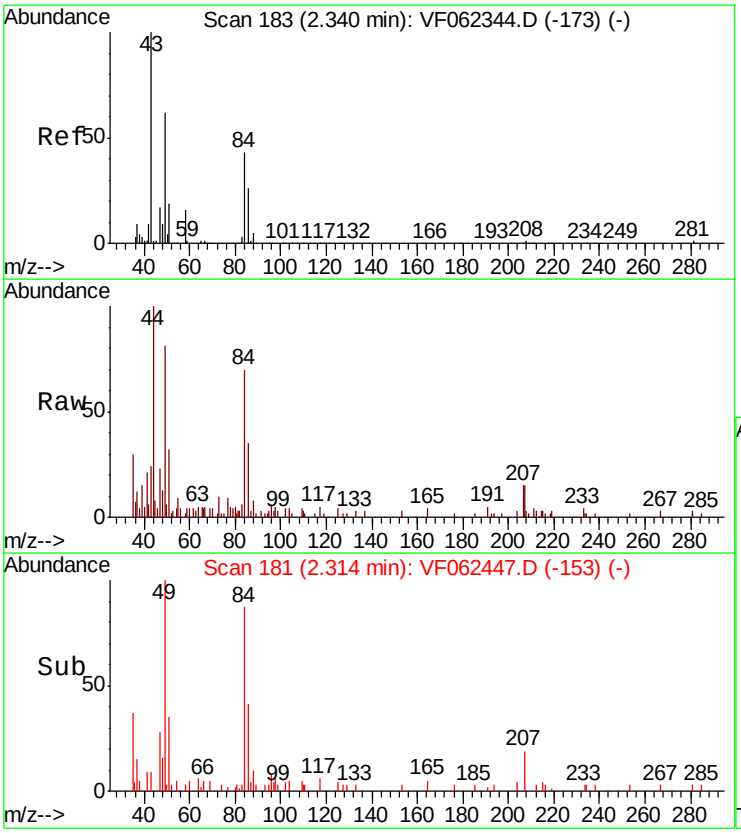
#18
Methyl Acetate
Concen: Below Cal
RT: 2.48 min Scan# 198
Delta R.T. 0.01 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Instrument : MSVOA_F
ClientSampleId : P026-SS011-0612-01

Tgt Ion: 43 Resp: 1145

Ion	Ratio	Lower	Upper
43	100		
74	31.5	15.0	22.4#

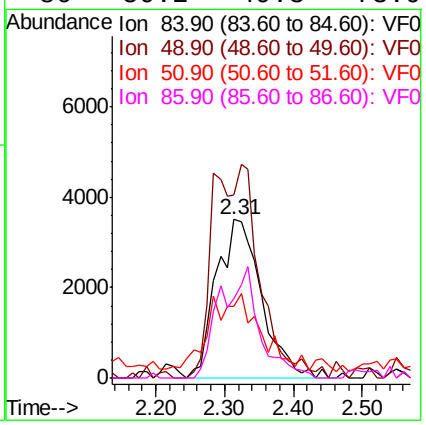


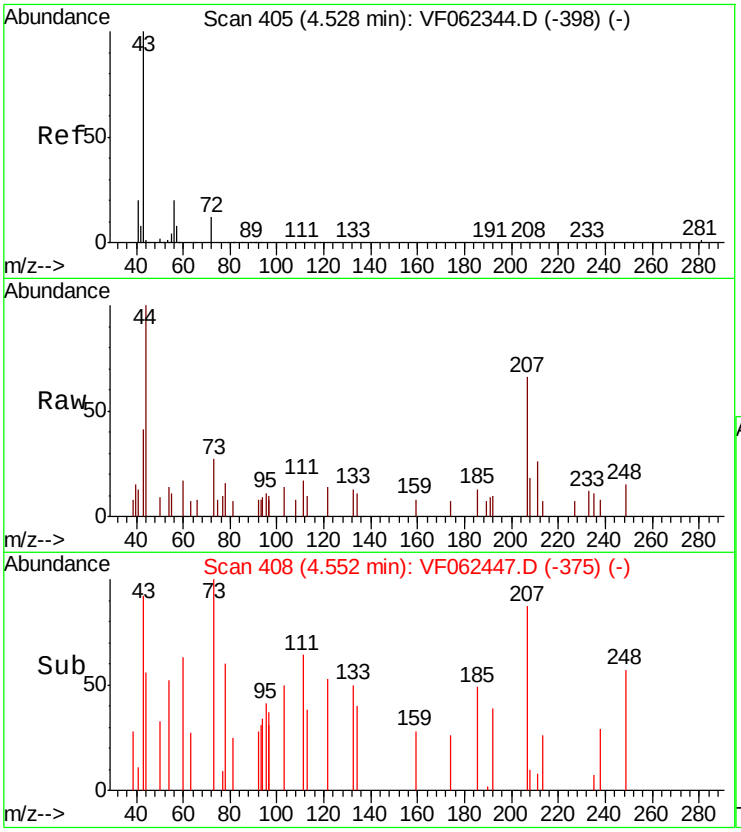


#20
Methylene Chloride
Concen: 9.183 ug/l
RT: 2.31 min Scan# 181
Delta R.T. -0.03 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Tgt Ion: 84 Resp: 15886

Ion	Ratio	Lower	Upper
84	100		
49	115.3	117.5	176.3#
51	40.7	37.0	55.4
86	50.2	49.3	73.9



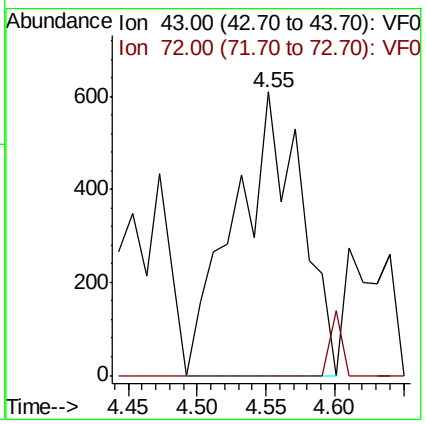


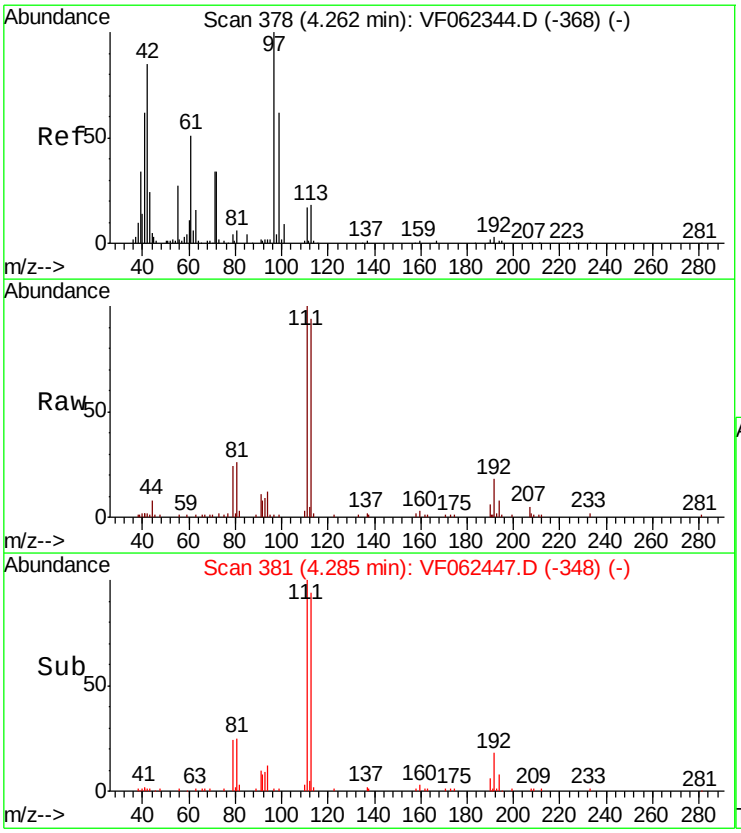
#25
2-Butanone
Concen: 3.369 ug/l
RT: 4.55 min Scan# 408
Delta R.T. 0.02 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0612-01

Tgt Ion: 43 Resp: 2024

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.2	21.4#

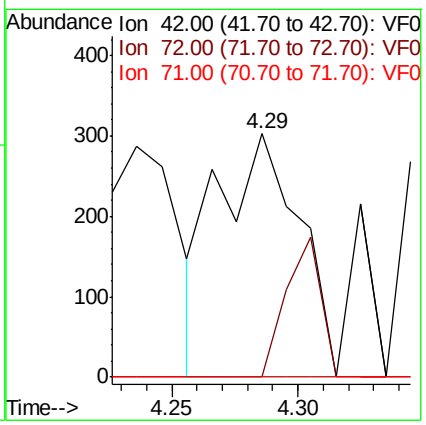


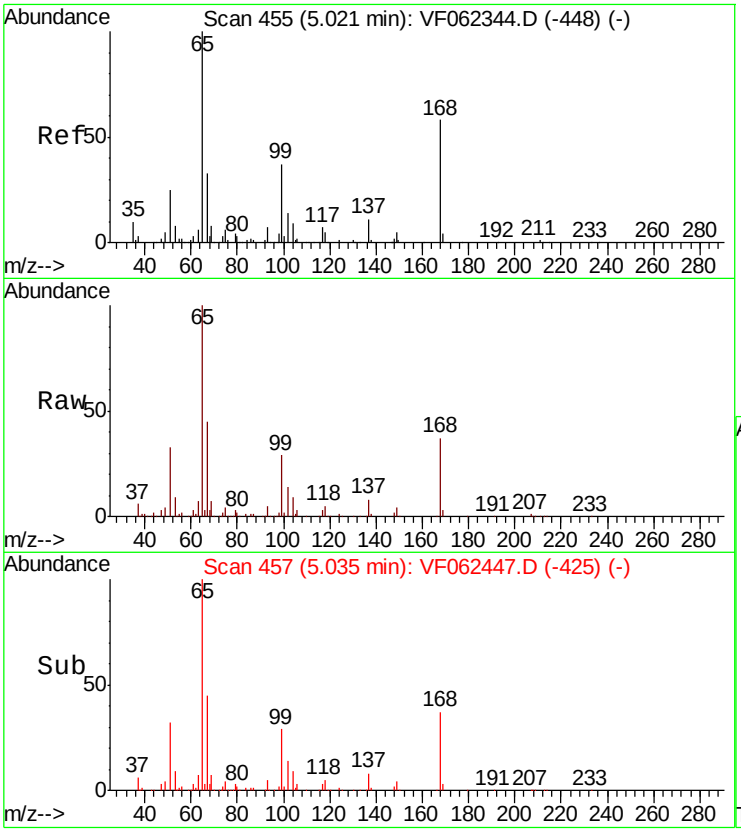


#29
Tetrahydrofuran
Concen: 2.467 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.02 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Tgt Ion: 42 Resp: 681

Ion	Ratio	Lower	Upper
42	100		
72	24.5	31.4	47.0#
71	0.0	31.7	47.5#



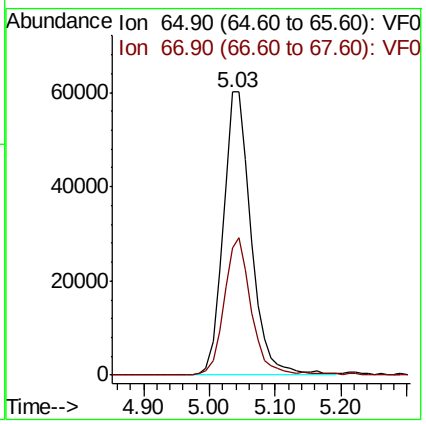


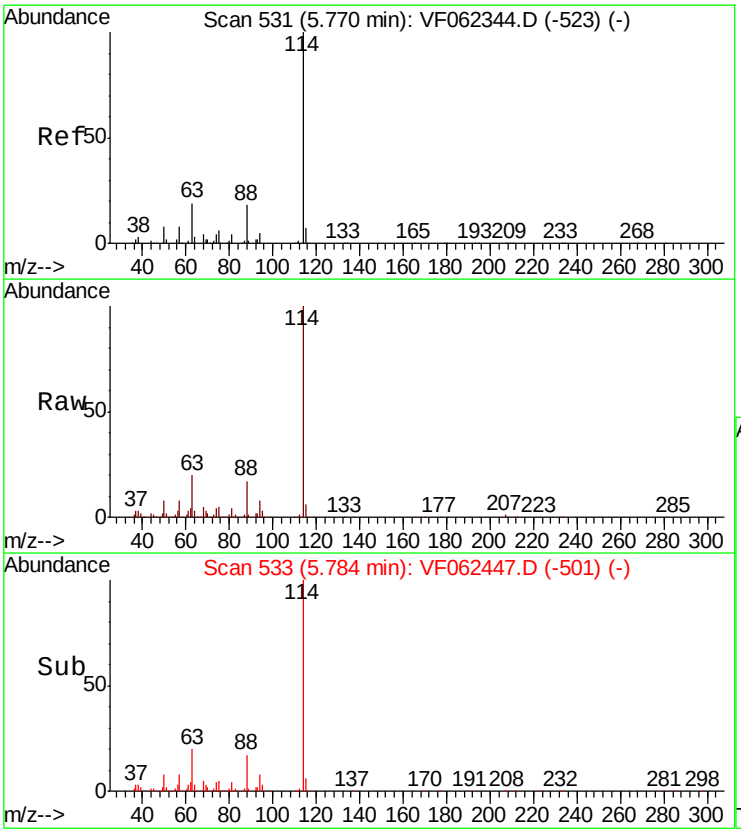
#33
1,2-Dichloroethane-d4
Concen: 75.506 ug/l
RT: 5.03 min Scan# 457
Delta R.T. 0.01 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Instrument : MSVOA_F
ClientSampleId : P026-SS011-0612-01

Tgt Ion: 65 Resp: 178469

Ion	Ratio	Lower	Upper
65	100		
67	46.9	0.0	85.8

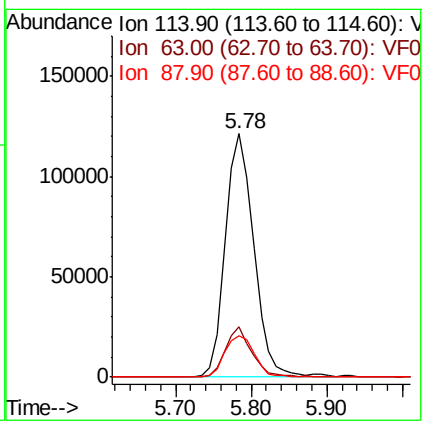


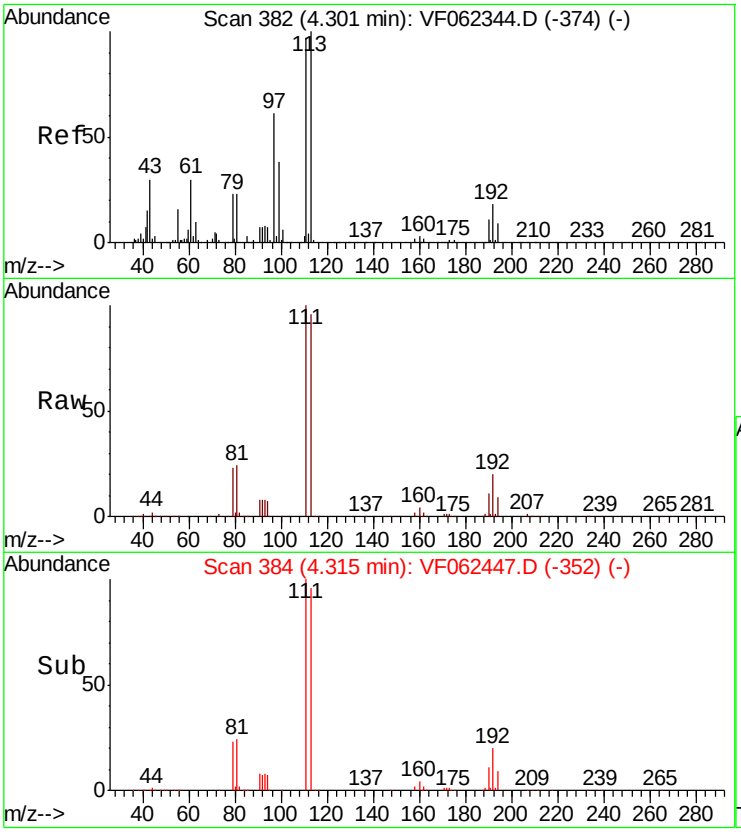


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.01 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Tgt Ion:114 Resp: 315983

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	37.4
88	17.0	0.0	36.4



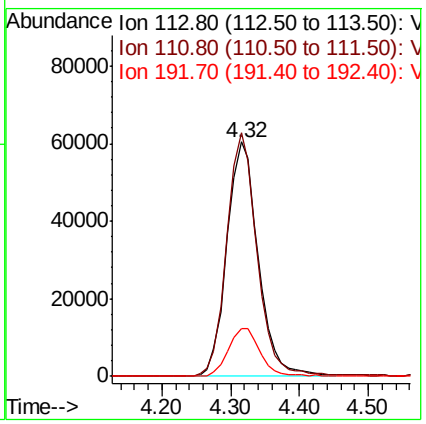


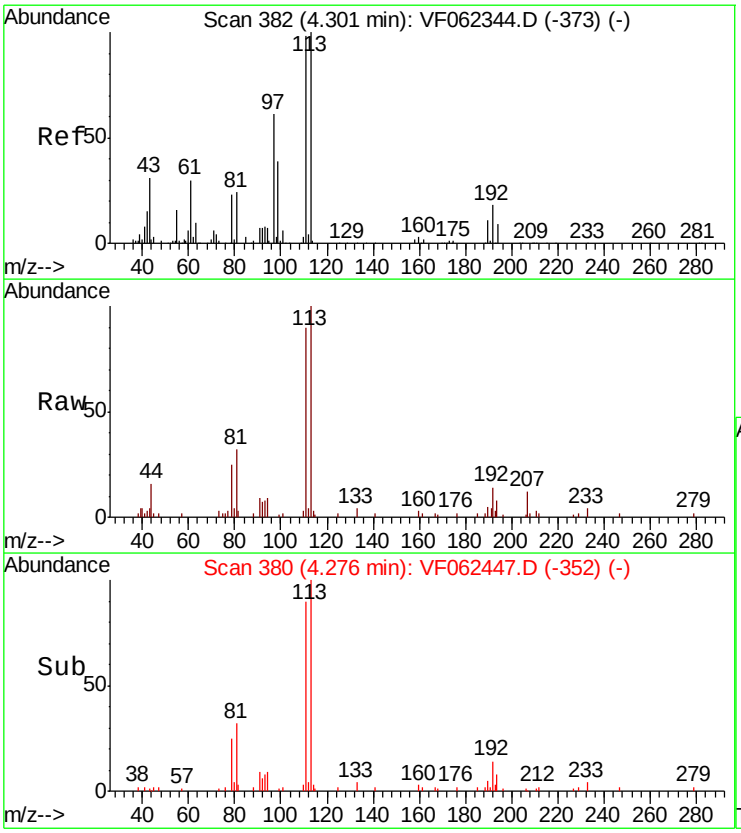
#35
Dibromofluoromethane
Concen: 75.954 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0612-01

Tgt Ion:113 Resp: 191205

Ion	Ratio	Lower	Upper
113	100		
111	100.8	79.4	119.0
192	20.9	16.0	24.0

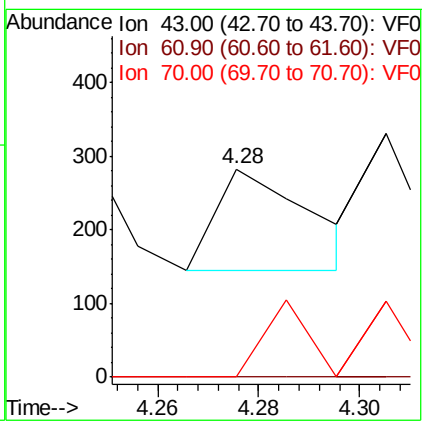


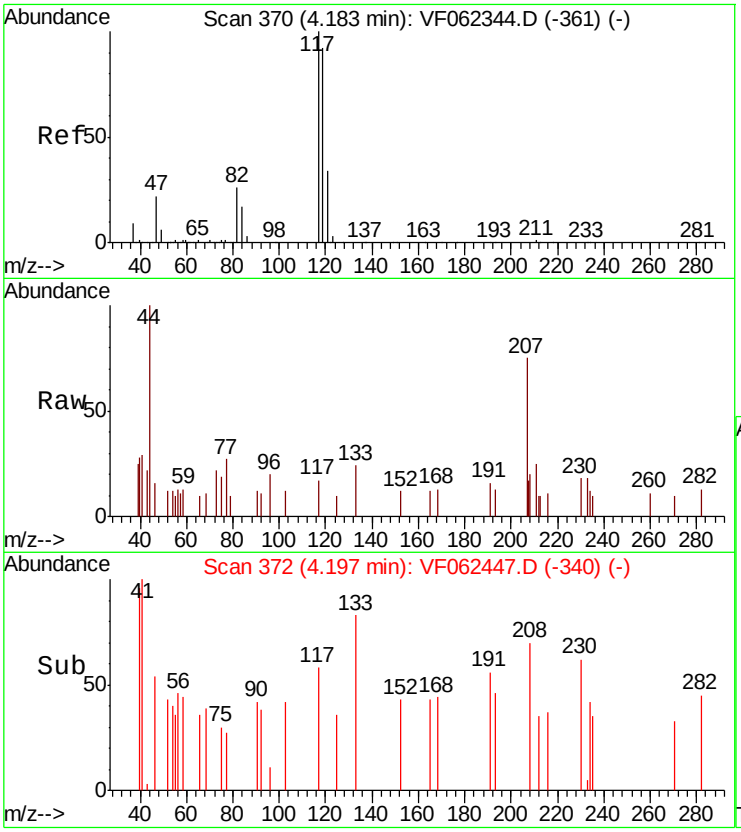


#37
Ethyl Acetate
Concen: Below Cal
RT: 4.28 min Scan# 380
Delta R.T. -0.03 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Tgt Ion: 43 Resp: 176

Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	69.9	8.2	12.2#



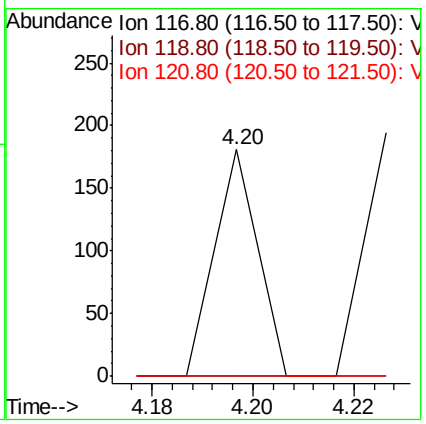


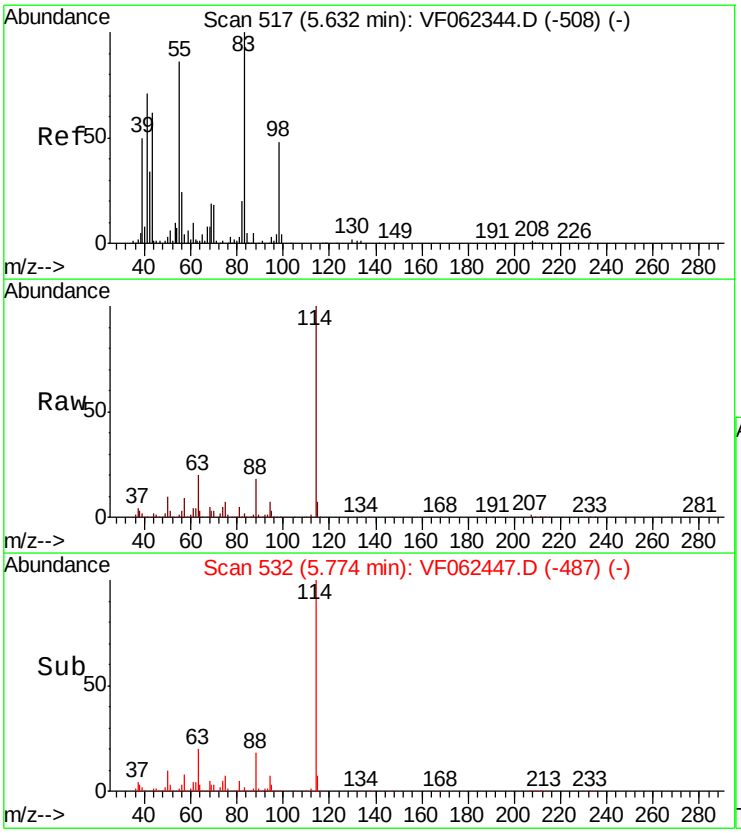
#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.20 min Scan# 372
Delta R.T. 0.01 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0612-01

Tgt Ion:117 Resp: 107

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

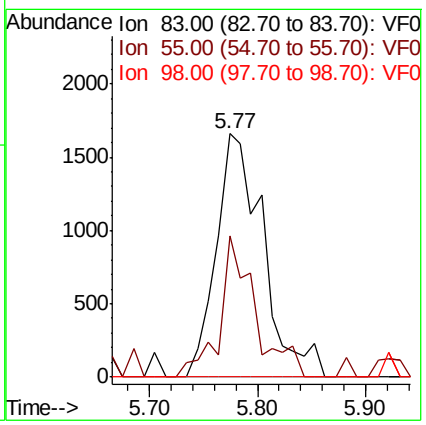


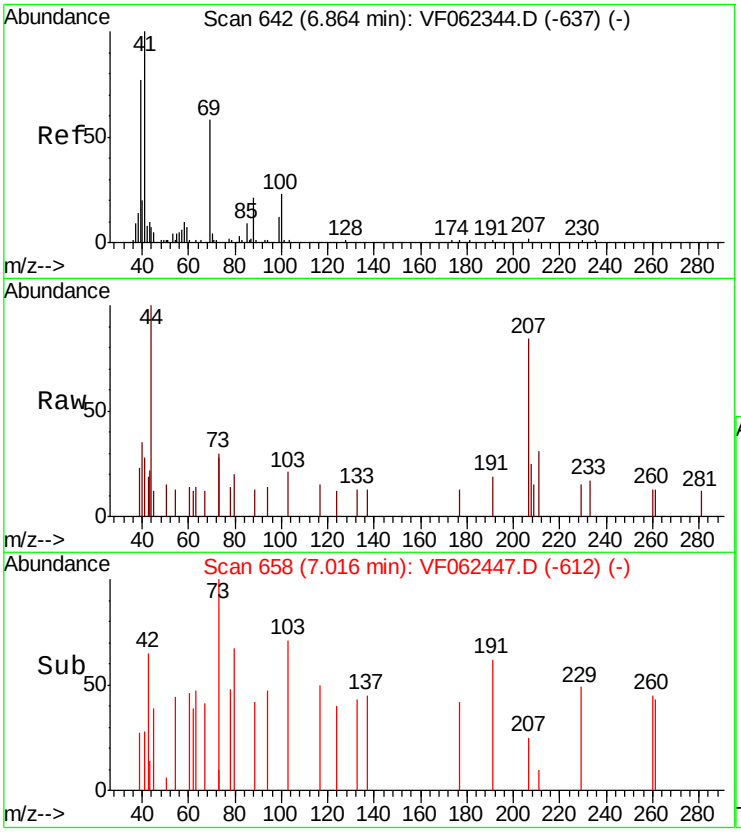


#39
Methylcyclohexane
Concen: 1.840 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.14 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Tgt Ion: 83 Resp: 5009

Ion	Ratio	Lower	Upper
83	100		
55	58.2	69.0	103.6#
98	0.0	38.6	58.0#



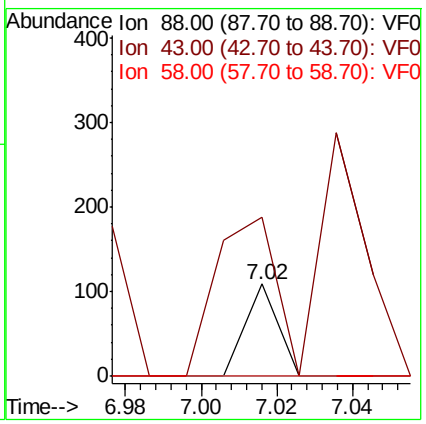


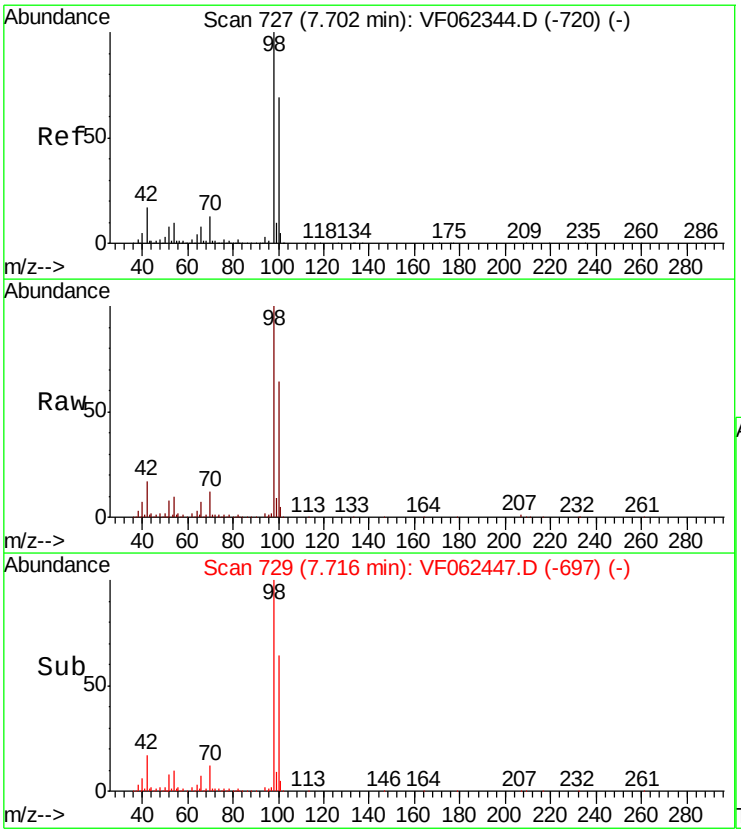
#49
1,4-Dioxane
Concen: Below Cal
RT: 7.02 min Scan# 658
Delta R.T. 0.15 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0612-01

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
43	321.9	55.6	83.4#
58	0.0	52.8	79.2#

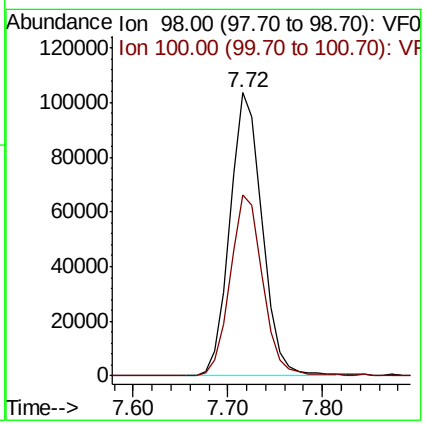


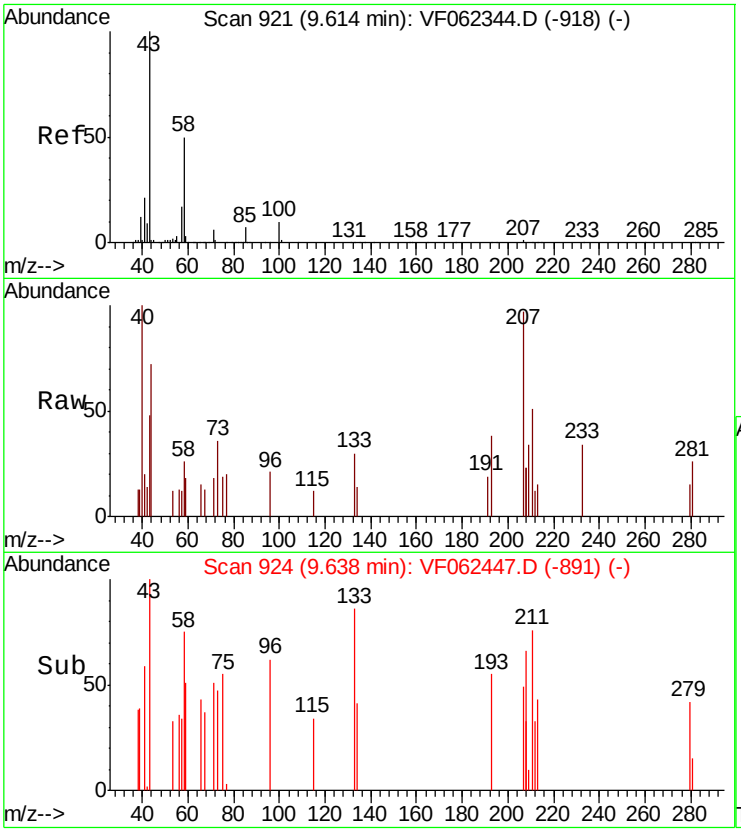


#50
Toluene-d8
Concen: 39.995 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Tgt Ion: 98 Resp: 243715

Ion	Ratio	Lower	Upper
98	100		
100	64.6	53.3	79.9



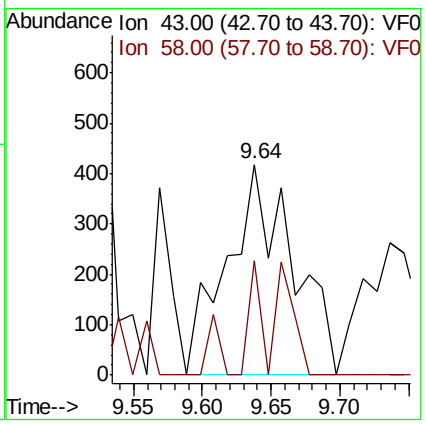


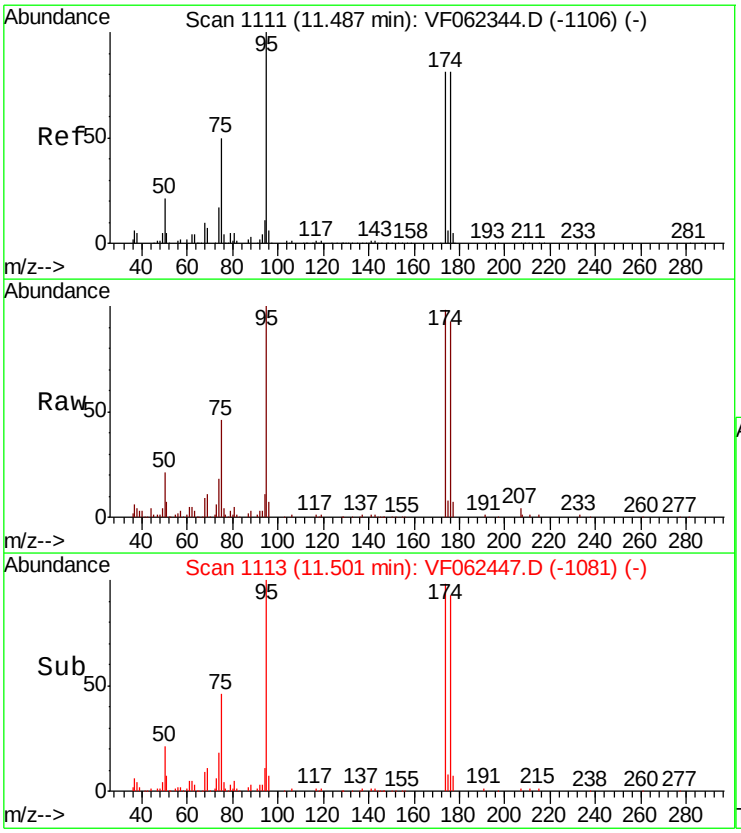
#59
2-Hexanone
Concen: 2.154 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.02 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0612-01

Tgt Ion: 43 Resp: 1394

Ion	Ratio	Lower	Upper
43	100		
58	9.6	24.3	73.0#

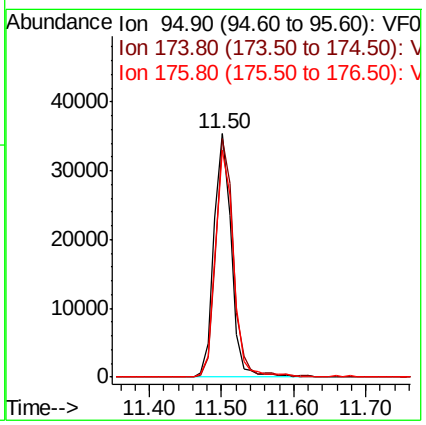


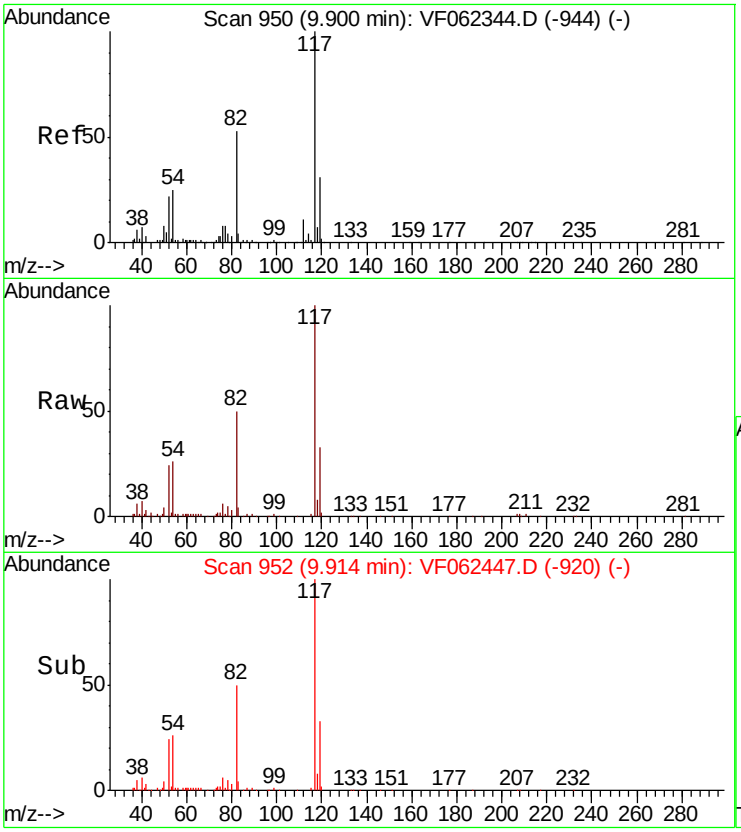


#62
4-Bromofluorobenzene
Concen: 21.218 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Tgt Ion: 95 Resp: 58335

Ion	Ratio	Lower	Upper
95	100		
174	99.9	0.0	191.8
176	97.8	0.0	193.2



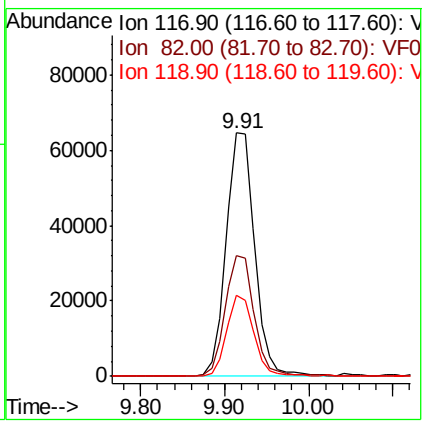


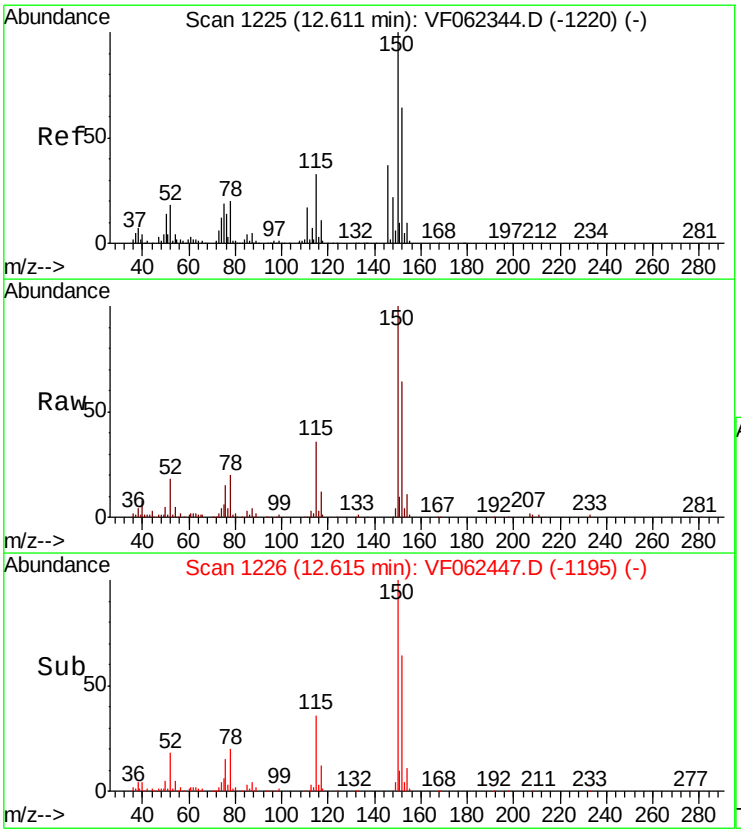
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0612-01

Tgt Ion:117 Resp: 152641

Ion	Ratio	Lower	Upper
117	100		
82	49.8	42.2	63.2
119	33.4	25.0	37.4

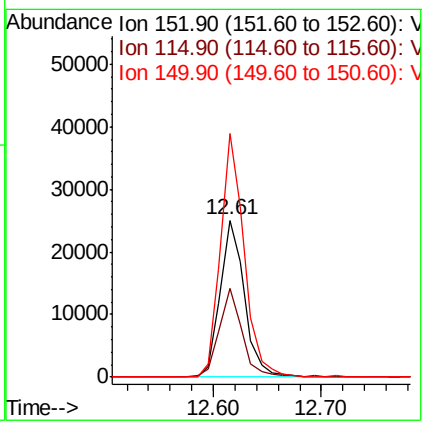


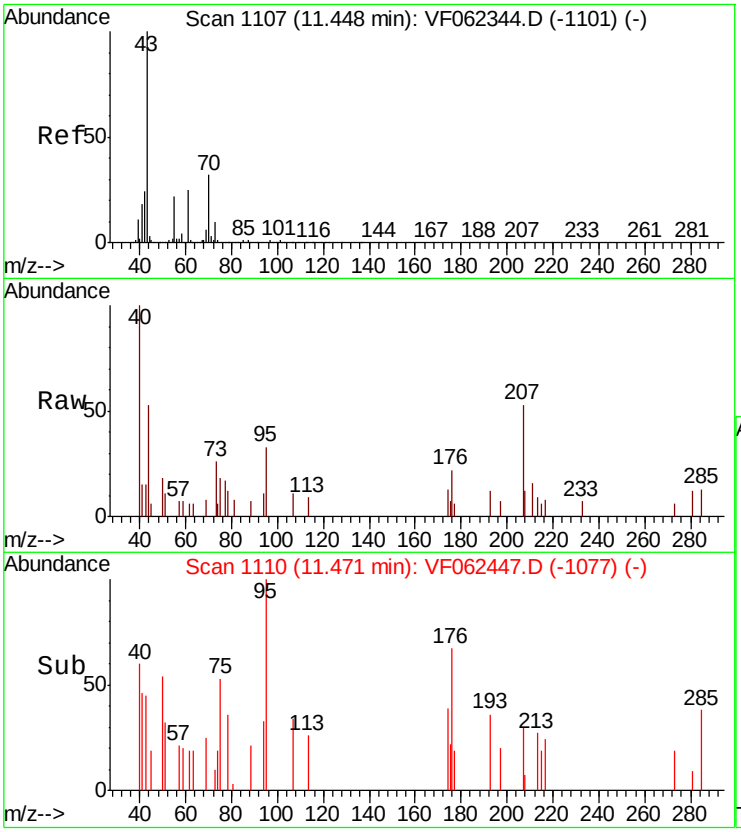


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Tgt Ion:152 Resp: 39183

Ion	Ratio	Lower	Upper
152	100		
115	53.5	26.4	79.2
150	150.3	0.0	335.0



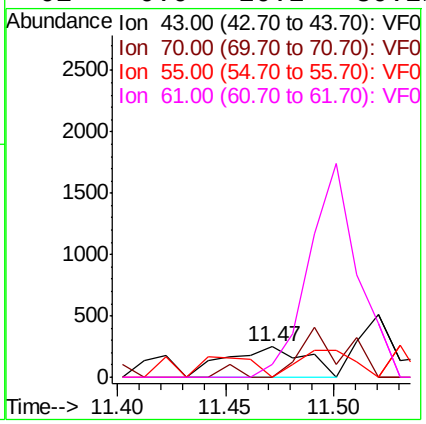


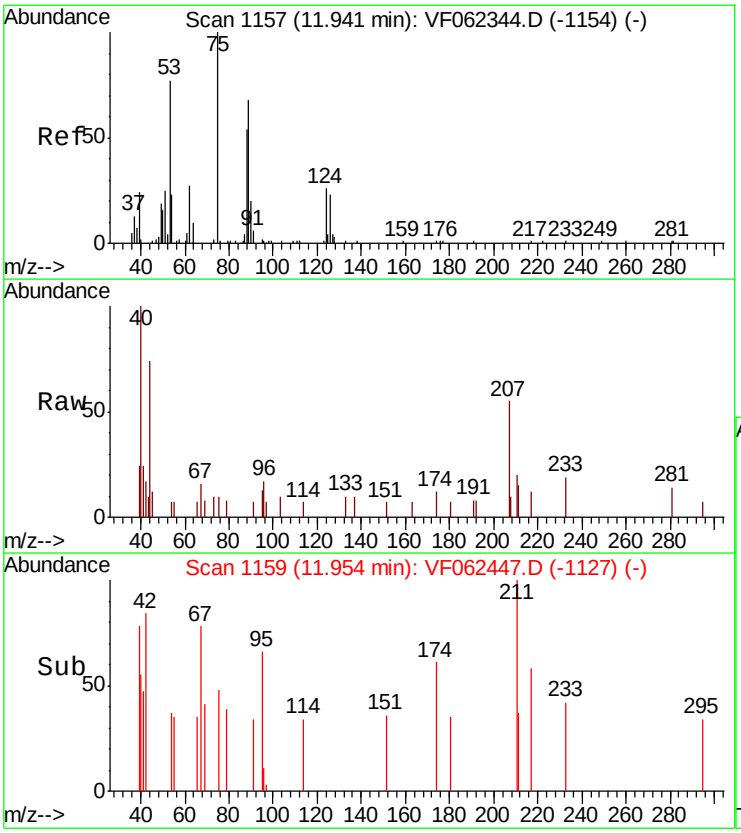
#74
N-amyl acetate
Concen: 1.275 ug/l
RT: 11.47 min Scan# 1110
Delta R.T. 0.02 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0612-01

Tgt Ion: 43 Resp: 636

Ion	Ratio	Lower	Upper
43	100		
70	0.0	26.5	39.7#
55	0.0	17.8	26.6#
61	0.0	20.2	30.2#

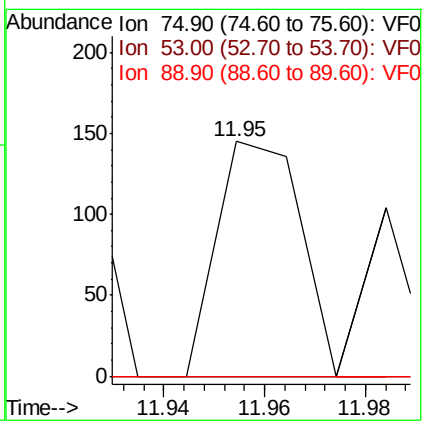


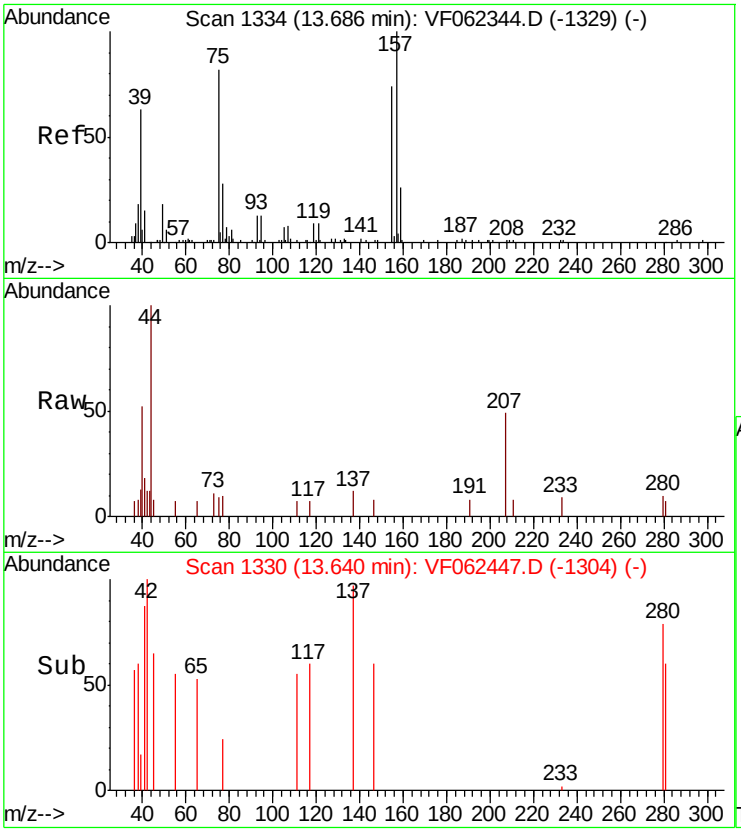


#81
trans-1,4-Dichloro-2-butene
Concen: 1.591 ug/l
RT: 11.95 min Scan# 1159
Delta R.T. 0.01 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Tgt Ion: 75 Resp: 166

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.9	107.9#
89	0.0	0.0	0.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.055 ug/l
RT: 13.64 min Scan# 1330
Delta R.T. -0.05 min
Lab File: VF062447.D
Acq: 11 May 2019 5:01

Instrument :
MSVOA_F
ClientSampleId :
P026-SS011-0612-01

Tgt Ion: 75 Resp: 86

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