Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
Data File : VF062467.D
Acq On : 11 May 2019 18:32
Operator : FY/SY
Sample : K2734-15
Misc : 6.39g/5mL/MSVOA_F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : P026-SS013-1824-01

Quant Time: May 12 03:48:37 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	122348	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	193099	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.91	117	147461	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	80864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	106741	92.32	ug/l	0.02
Spiked Amount 50.000			Recovery = 184.64%			
35) Dibromofluoromethane	4.31	113	104327	67.82	ug/l	0.01
Spiked Amount 50.000			Recovery = 135.64%			
50) Toluene-d8	7.72	98	120079	32.25	ug/l	0.01
Spiked Amount 50.000			Recovery = 64.50%			
62) 4-Bromofluorobenzene	11.50	95	57028	33.94	ug/l	0.01
Spiked Amount 50.000			Recovery = 67.88%			
Target Compounds						Qvalue
5) Bromomethane	1.39	94	143	Below Cal	#	3
8) Diethyl Ether	1.71	74	460	1.573	ug/l	54
11) Tert butyl alcohol	2.68	59	836	12.793	ug/l #	41
13) Acrolein	2.13	56	646	Below Cal	#	13
15) Acrylonitrile	3.15	53	509	4.112	ug/l #	56
16) Acetone	2.36	43	11222	47.978	ug/l #	85
18) Methyl Acetate	2.46	43	1988	1.631	ug/l	99
20) Methylene Chloride	2.34	84	3988	4.713	ug/l #	67
25) 2-Butanone	4.52	43	954	3.247	ug/l	95
29) Tetrahydrofuran	4.26	42	323	2.392	ug/l #	11
37) Ethyl Acetate	4.32	43	317	Below Cal	#	71
38) Carbon Tetrachloride	4.26	117	64	Below Cal	#	14
39) Methylcyclohexane	5.78	83	3534	2.124	ug/l #	24
49) 1,4-Dioxane	7.02	88	67	Below Cal	#	16
59) 2-Hexanone	9.48	43	576	1.457	ug/l	73
92) 1,2-Dibromo-3-Chloropropan	13.71	75	186	1.106	ug/l #	1

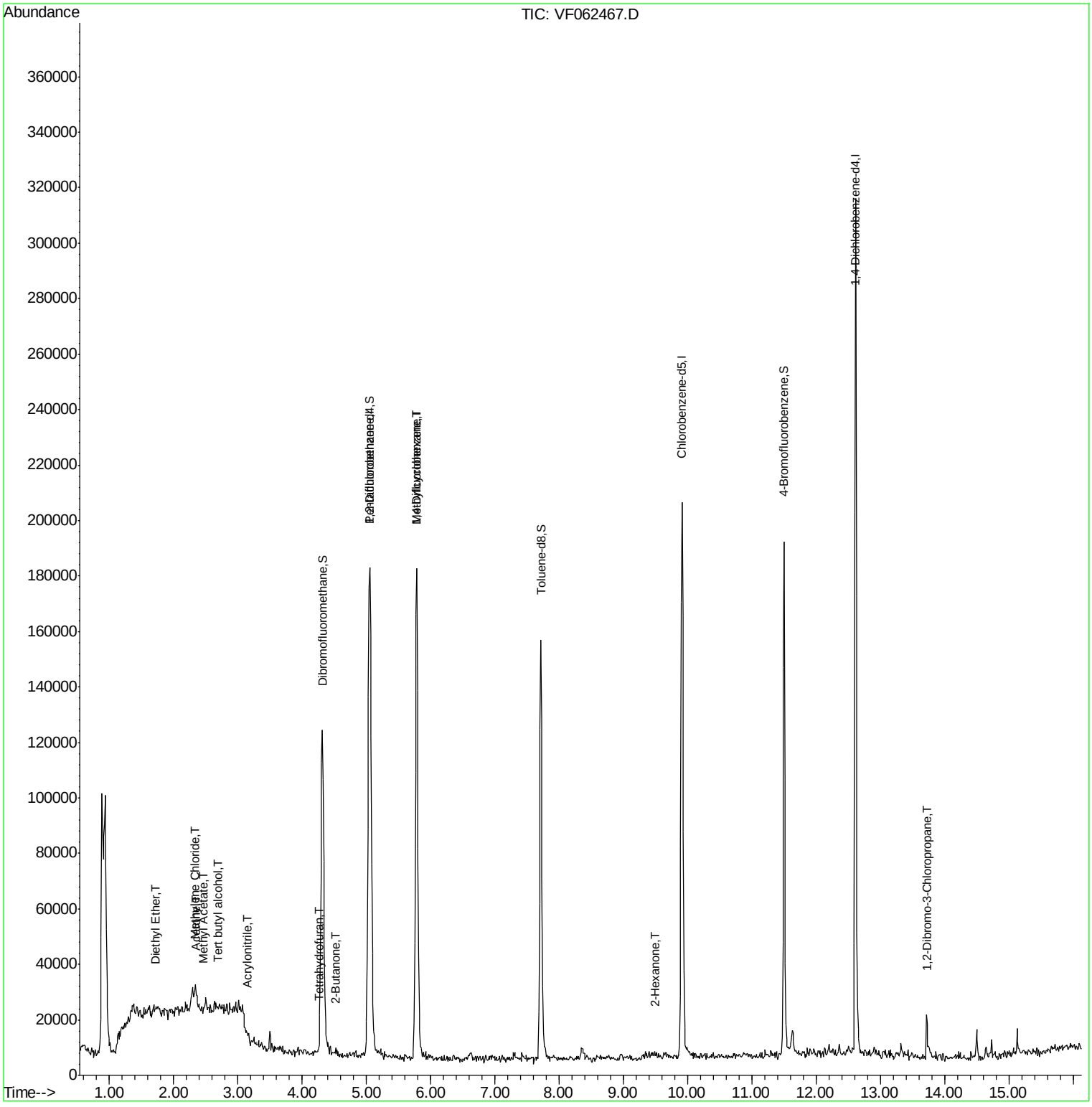
(#) = qualifier out of range (m) = manual integration (+) = signals summed

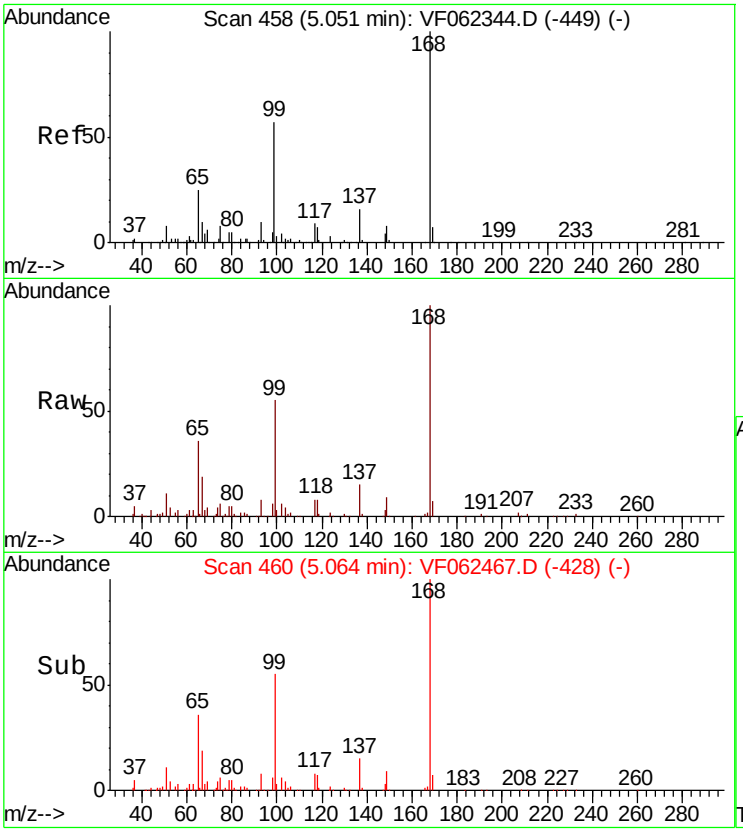
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF051119\
Data File : VF062467.D
Acq On : 11 May 2019 18:32
Operator : FY/SY
Sample : K2734-15
Misc : 6.39g/5mL/MSVOA_F/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1824-01

Quant Time: May 12 03:48:37 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



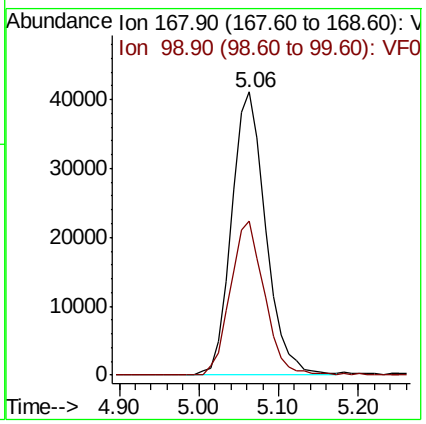


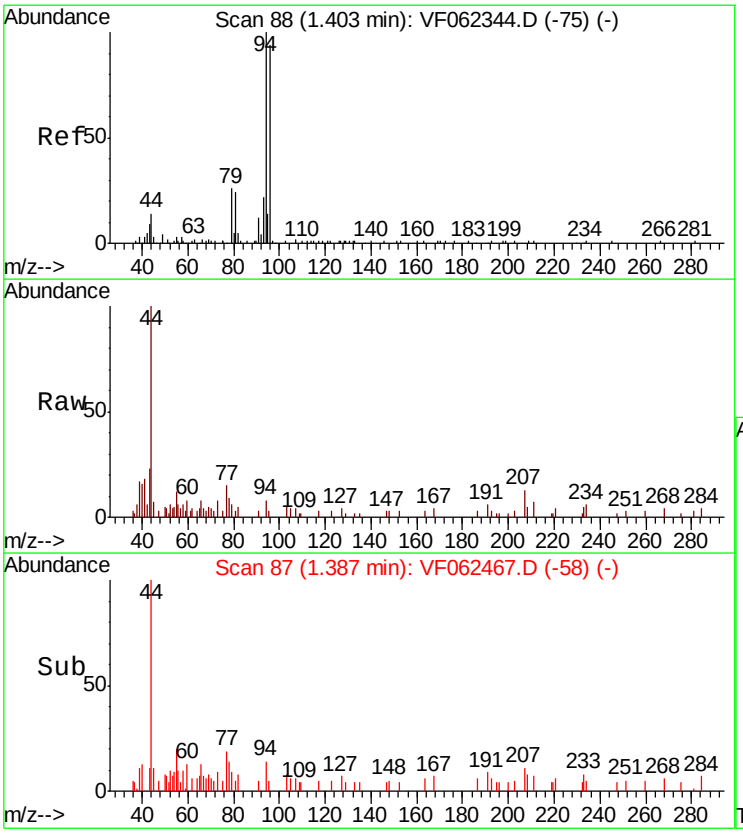
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 460
Delta R.T. 0.01 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1824-01

Tgt Ion:168 Resp: 122348

Ion	Ratio	Lower	Upper
168	100		
99	54.5	45.9	68.9

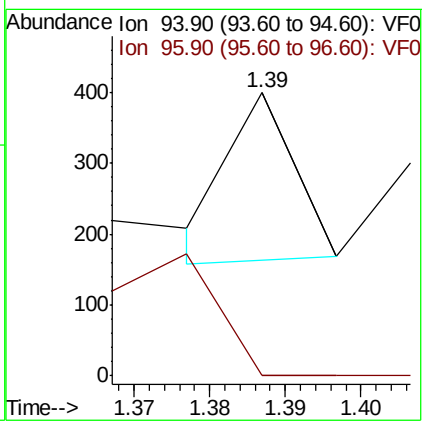


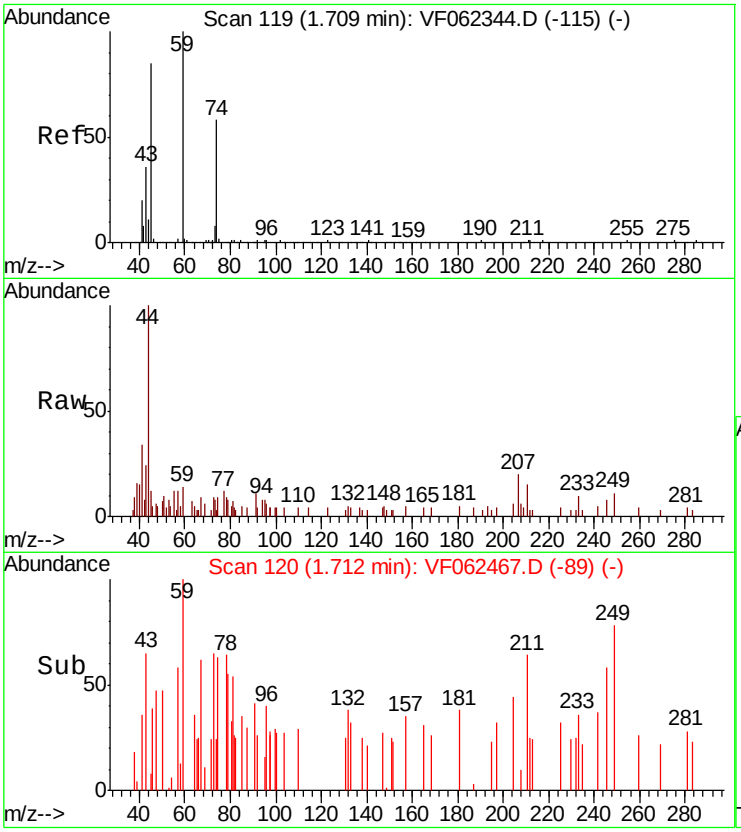


#5
Bromomethane
Concen: Below Cal
RT: 1.39 min Scan# 87
Delta R.T. -0.02 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Tgt Ion: 94 Resp: 143

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.4	113.2#



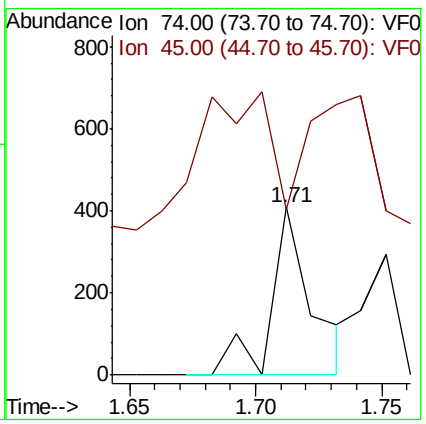


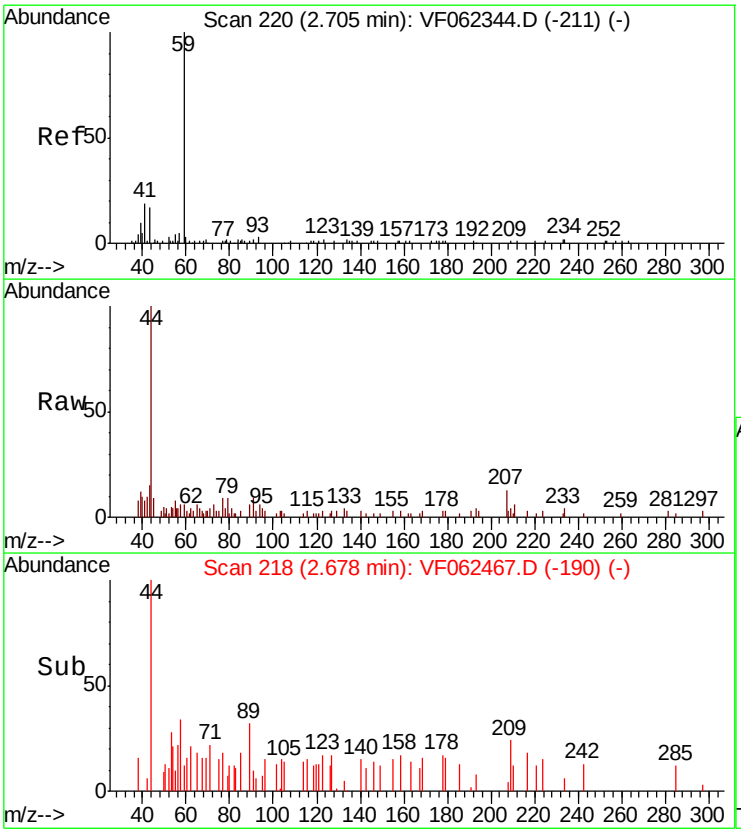
#8
Diethyl Ether
Concen: 1.573 ug/l
RT: 1.71 min Scan# 120
Delta R.T. 0.00 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1824-01

Tgt Ion: 74 Resp: 460

Ion	Ratio	Lower	Upper
74	100		
45	206.1	73.9	221.6

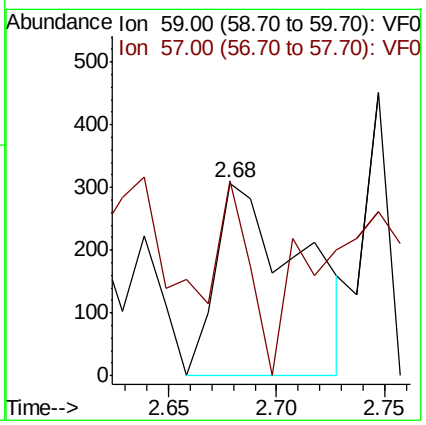


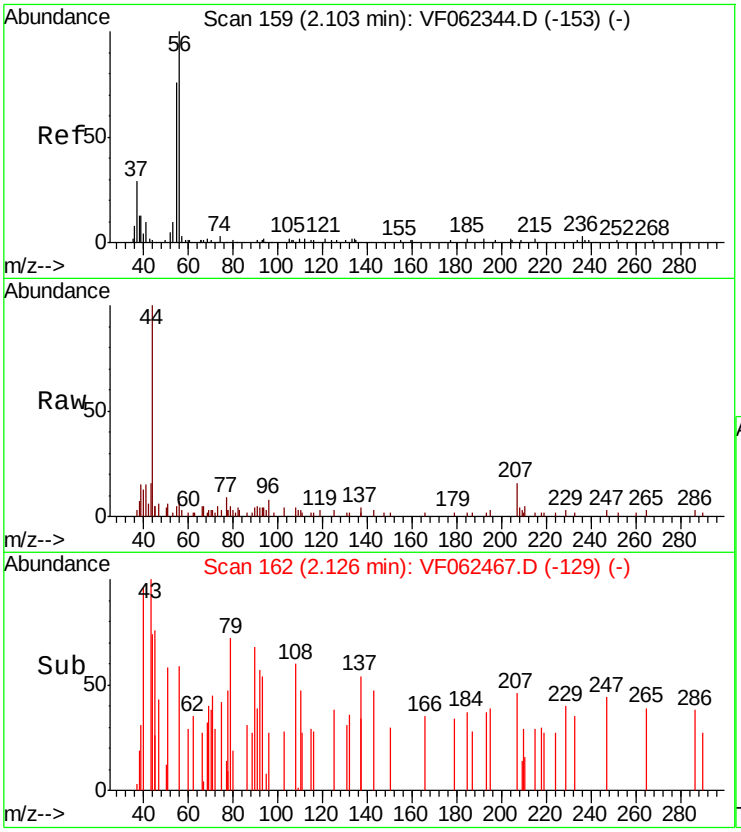


#11
Tert butyl alcohol
Concen: 12.793 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.03 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Tgt Ion: 59 Resp: 836

Ion	Ratio	Lower	Upper
59	100		
57	34.2	9.3	13.9#



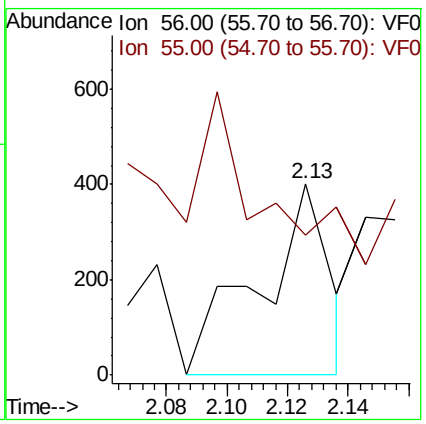


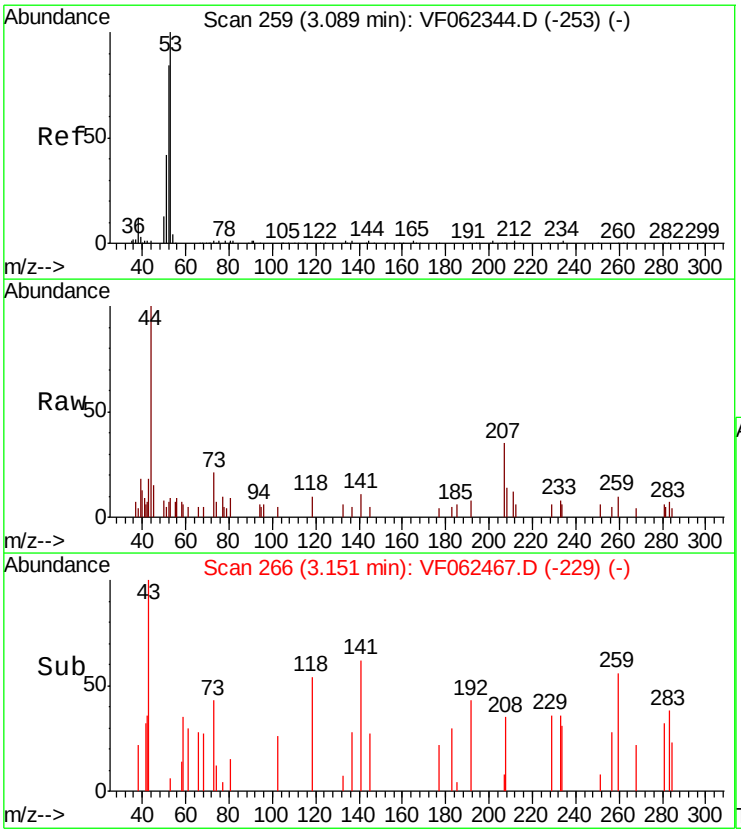
#13
Acrolein
Concen: Below Cal
RT: 2.13 min Scan# 162
Delta R.T. 0.02 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1824-01

Tgt Ion: 56 Resp: 646

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.4	87.6#

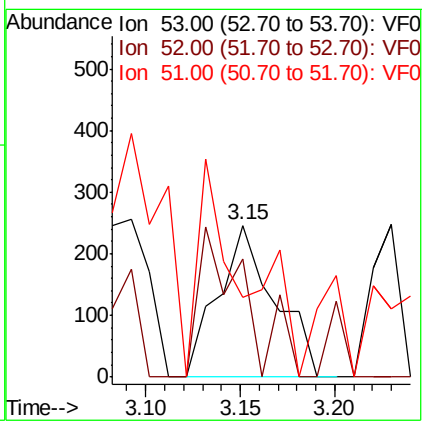


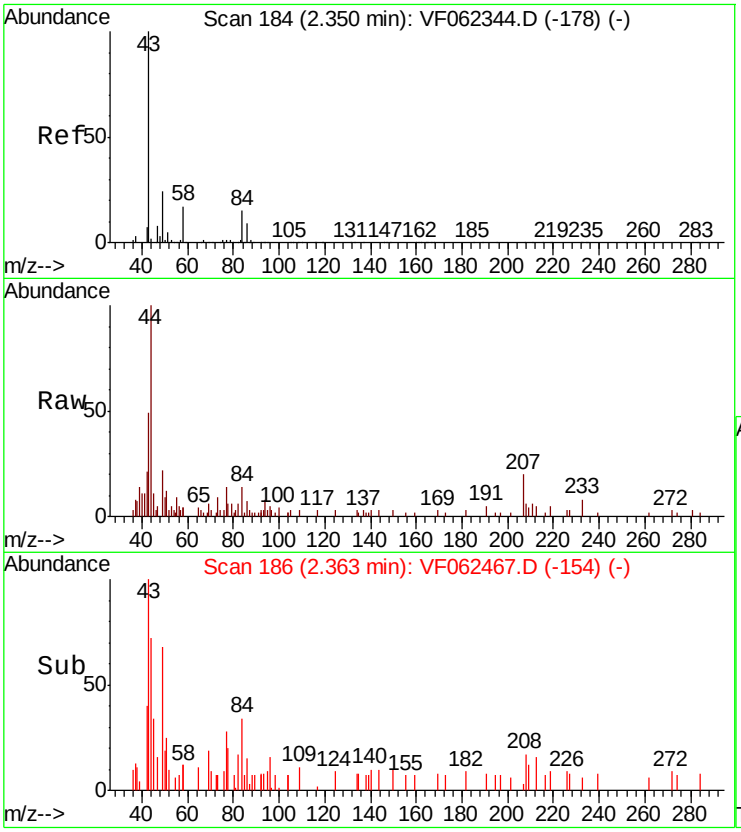


#15
Acrylonitrile
Concen: 4.112 ug/l
RT: 3.15 min Scan# 266
Delta R.T. 0.06 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Tgt Ion: 53 Resp: 509

Ion	Ratio	Lower	Upper
53	100		
52	81.5	77.2	115.8
51	118.3	40.6	61.0#



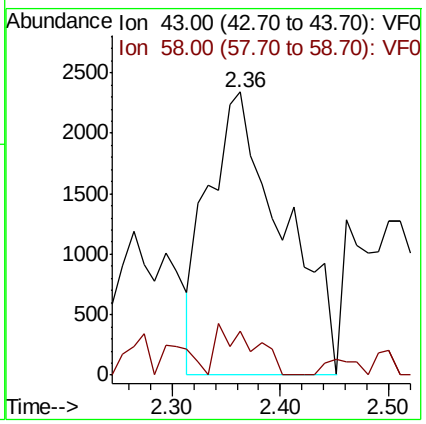


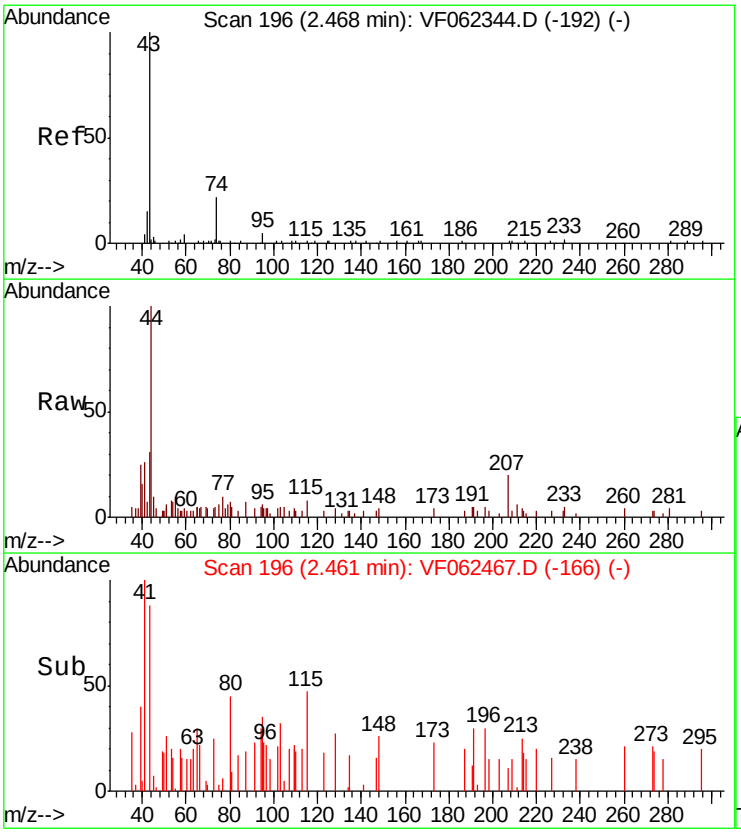
#16
Acetone
Concen: 47.978 ug/l
RT: 2.36 min Scan# 186
Delta R.T. 0.01 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1824-01

Tgt Ion: 43 Resp: 11222

Ion	Ratio	Lower	Upper
43	100		
58	10.0	13.1	19.7#

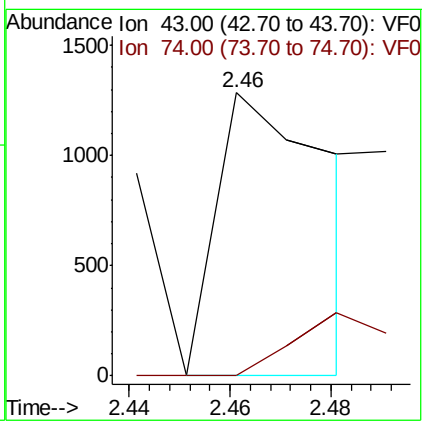


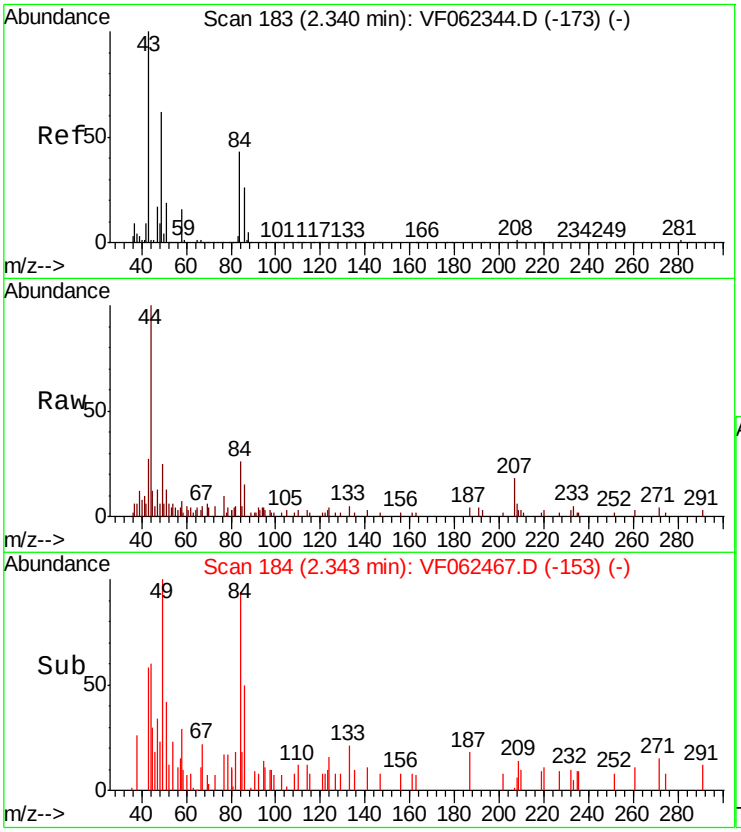


#18
Methyl Acetate
Concen: 1.631 ug/l
RT: 2.46 min Scan# 196
Delta R.T. -0.01 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Tgt Ion: 43 Resp: 1988

Ion	Ratio	Lower	Upper
43	100		
74	18.4	15.0	22.4



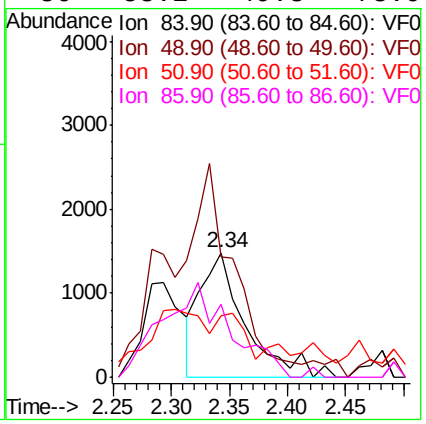


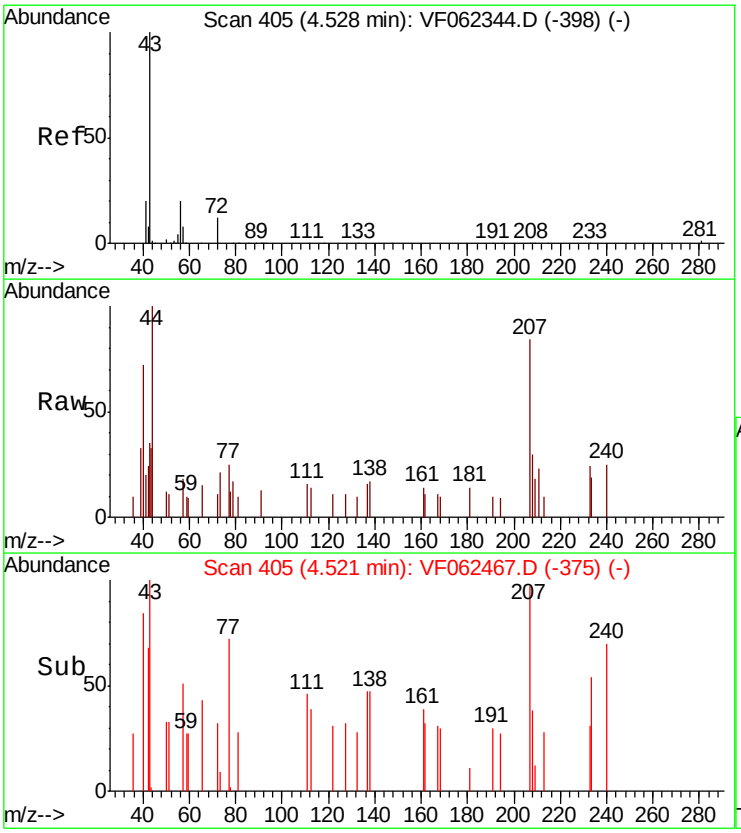
#20
Methylene Chloride
Concen: 4.713 ug/l
RT: 2.34 min Scan# 184
Delta R.T. 0.00 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Instrument : MSVOA_F
ClientSampleId : P026-SS013-1824-01

Tgt Ion: 84 Resp: 3988

Ion	Ratio	Lower	Upper
84	100		
49	82.1	117.5	176.3#
51	37.9	37.0	55.4
86	58.2	49.3	73.9

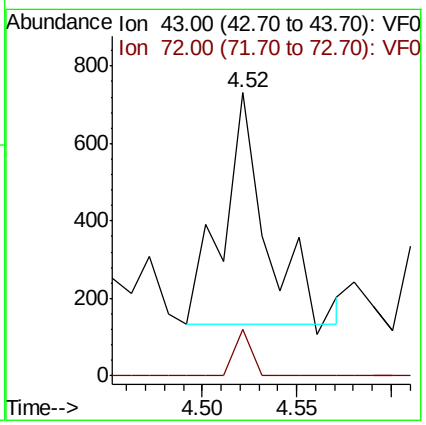


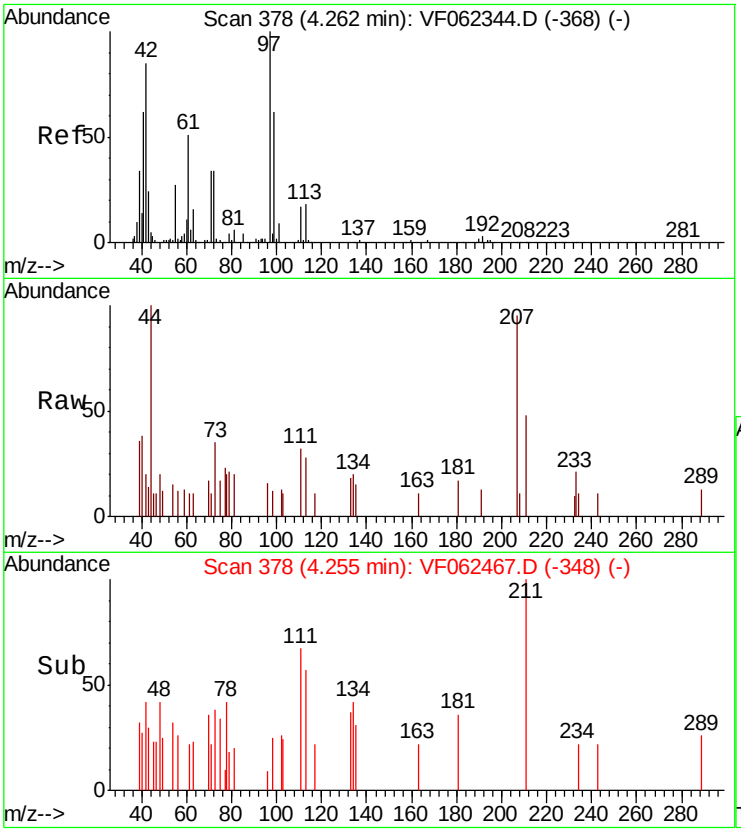


#25
2-Butanone
Concen: 3.247 ug/l
RT: 4.52 min Scan# 405
Delta R.T. -0.01 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Tgt Ion: 43 Resp: 954

Ion	Ratio	Lower	Upper
43	100		
72	20.0	14.2	21.4



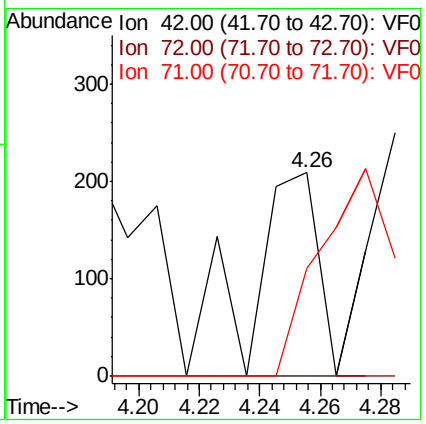


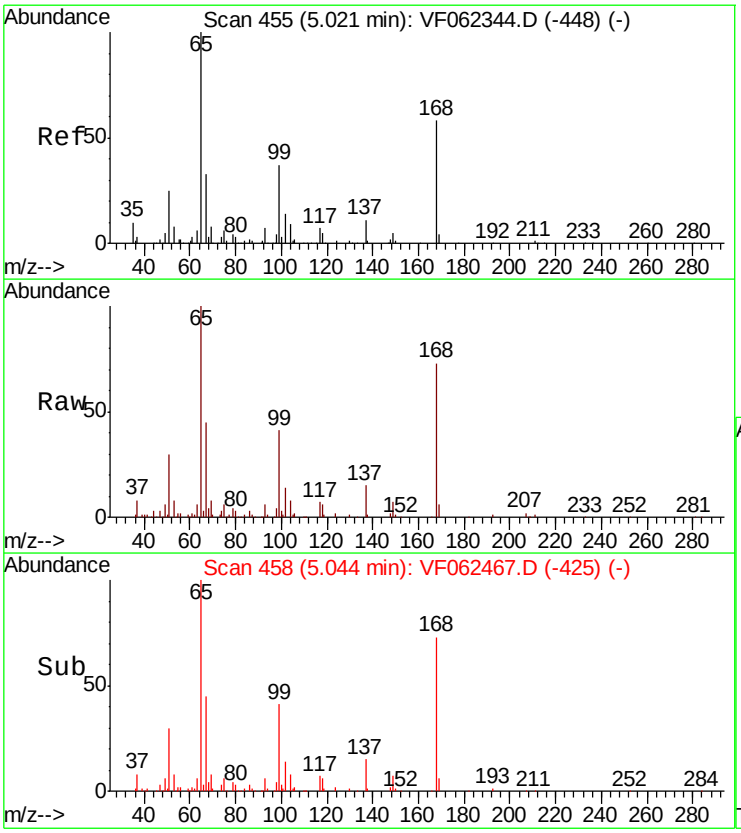
#29
Tetrahydrofuran
Concen: 2.392 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.01 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1824-01

Tgt Ion: 42 Resp: 323

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	109.3	31.7	47.5#

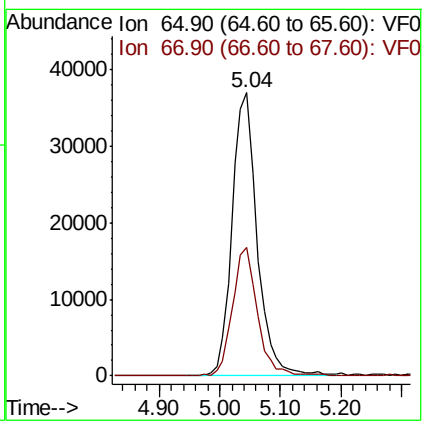


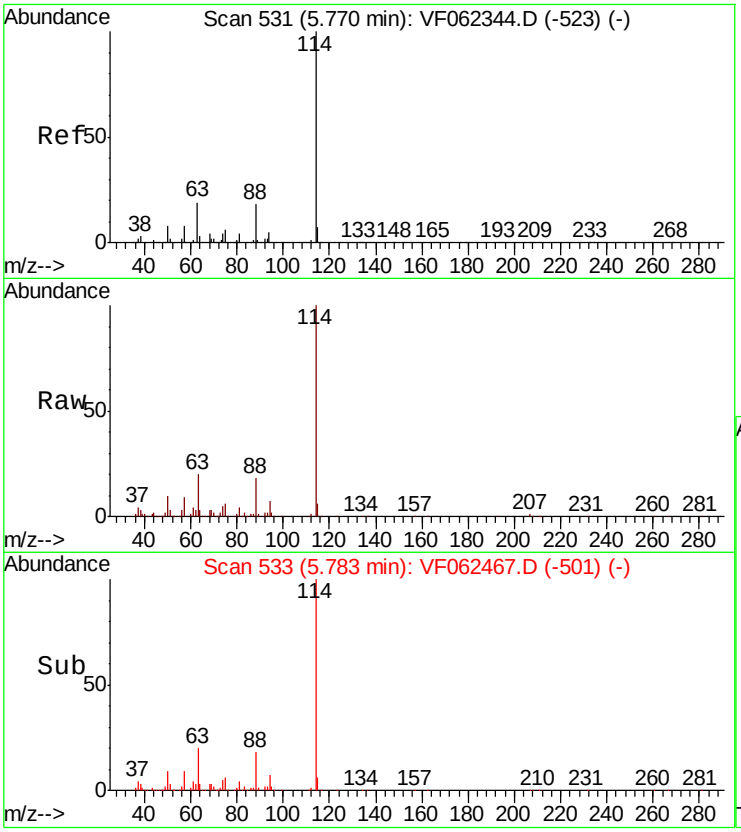


#33
1,2-Dichloroethane-d4
Concen: 92.317 ug/l
RT: 5.04 min Scan# 458
Delta R.T. 0.02 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Tgt Ion: 65 Resp: 106741

Ion	Ratio	Lower	Upper
65	100		
67	44.9	0.0	85.8



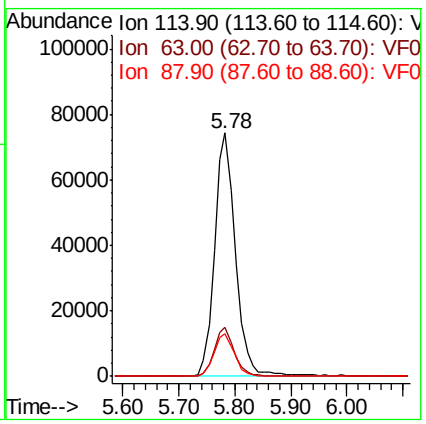


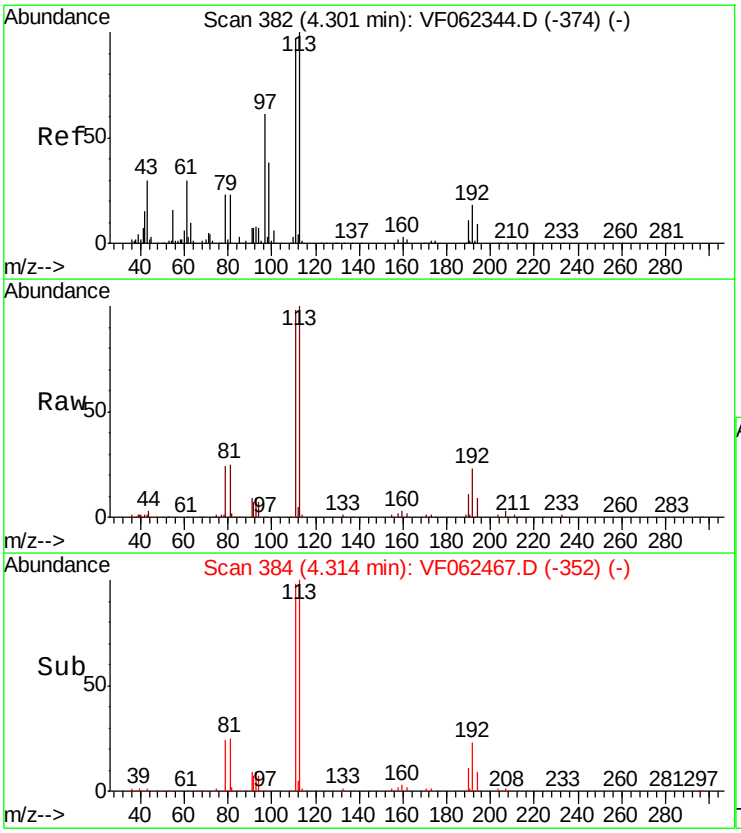
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.01 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1824-01

Tgt Ion:114 Resp: 193099

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	37.4
88	17.5	0.0	36.4

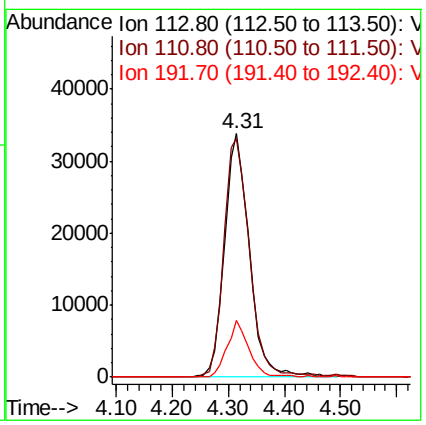


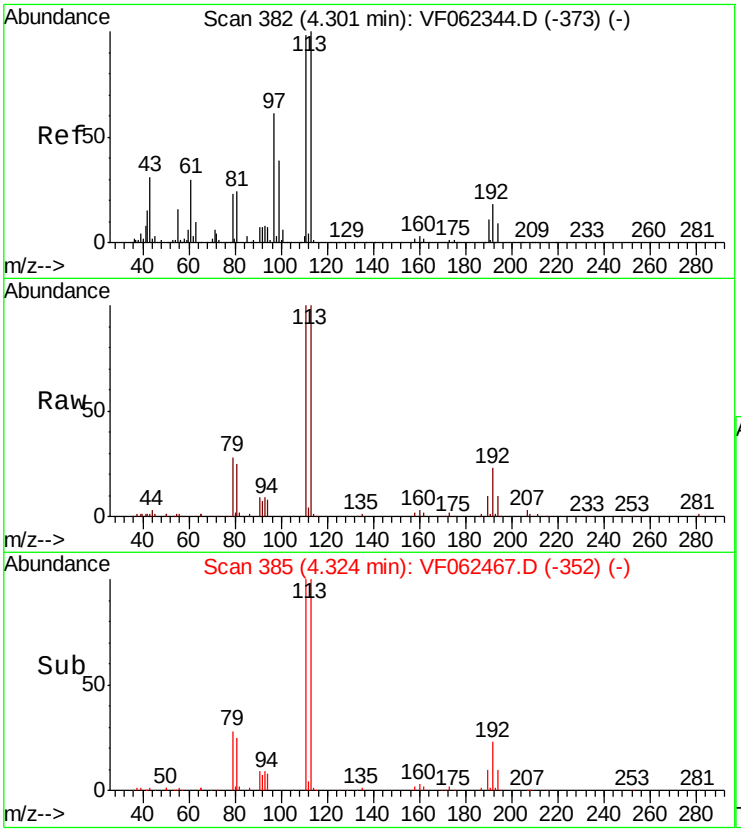


#35
Dibromofluoromethane
Concen: 67.816 ug/l
RT: 4.31 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Tgt Ion:113 Resp: 104327

Ion	Ratio	Lower	Upper
113	100		
111	100.8	79.4	119.0
192	20.3	16.0	24.0



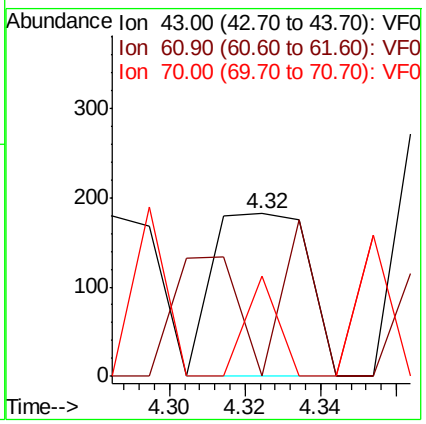


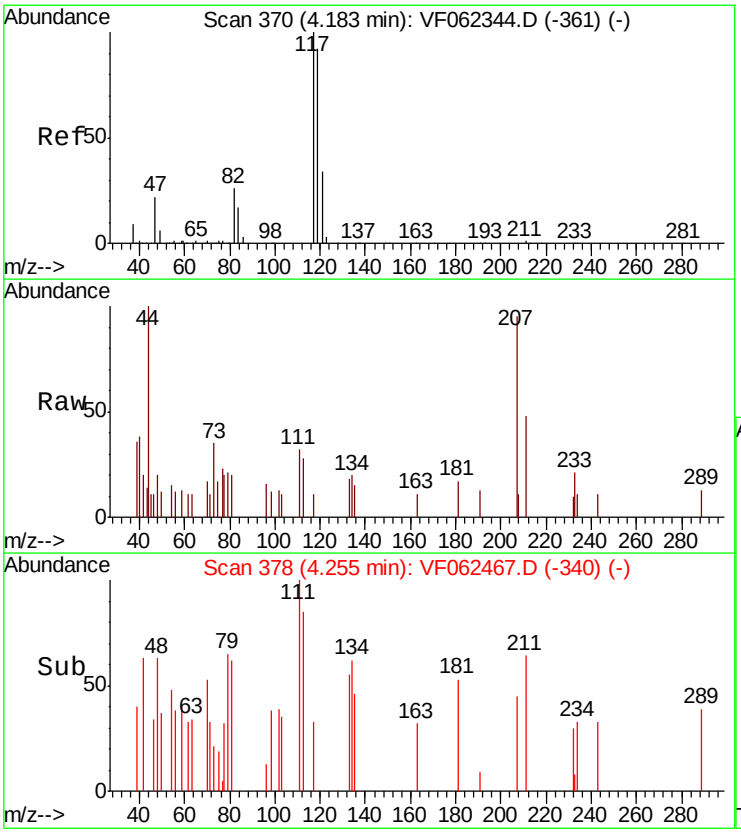
#37
Ethyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 385
Delta R.T. 0.02 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Instrument : MSVOA_F
ClientSampleId : P026-SS013-1824-01

Tgt Ion: 43 Resp: 317

Ion	Ratio	Lower	Upper
43	100		
61	49.5	0.0	0.0#
70	20.8	8.2	12.2#

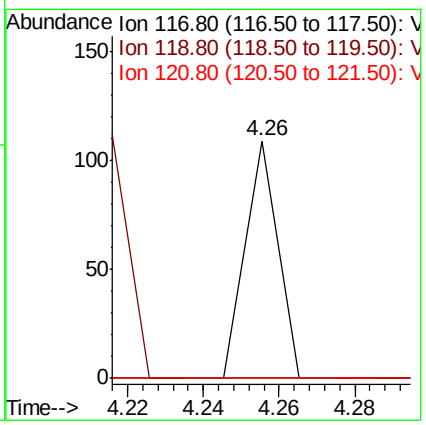


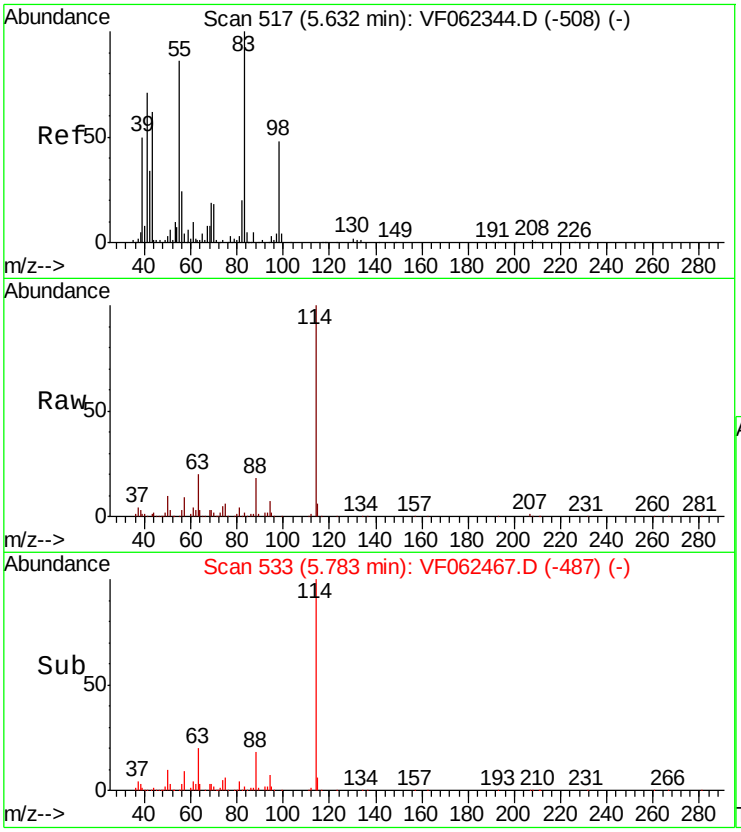


#38
Carbon Tetrachloride
Concen: Below Cal
RT: 4.26 min Scan# 378
Delta R.T. 0.07 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Tgt Ion:117 Resp: 64

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



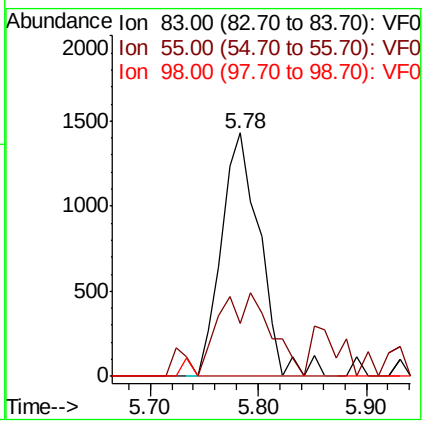


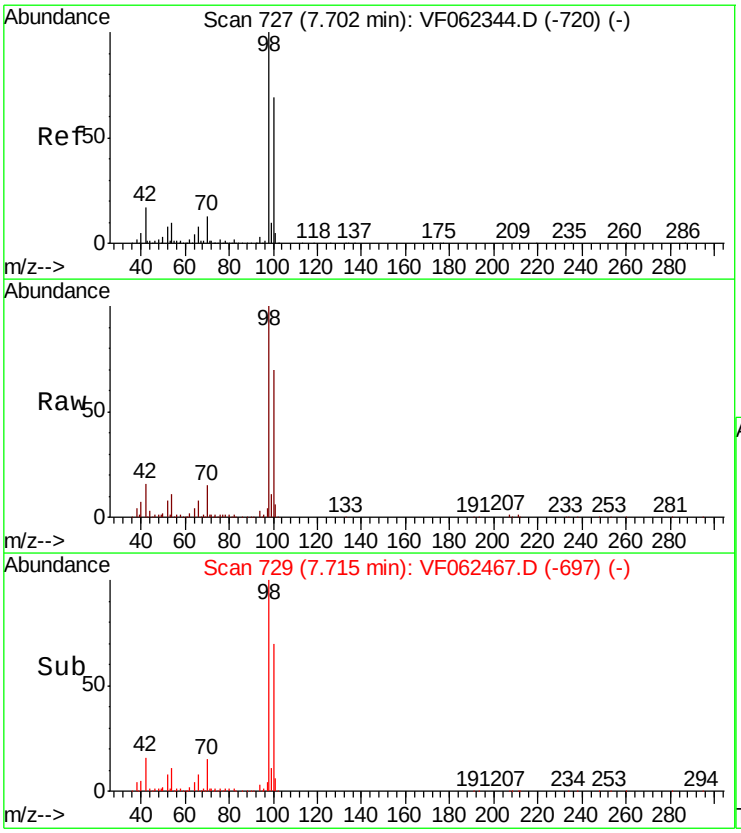
#39
Methylcyclohexane
Concen: 2.124 ug/l
RT: 5.78 min Scan# 533
Delta R.T. 0.15 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1824-01

Tgt Ion: 83 Resp: 3534

Ion	Ratio	Lower	Upper
83	100		
55	14.5	69.0	103.6#
98	0.0	38.6	58.0#

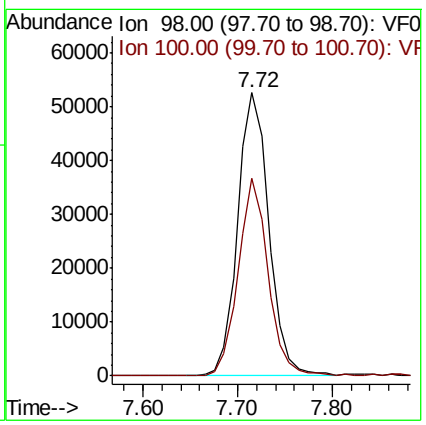


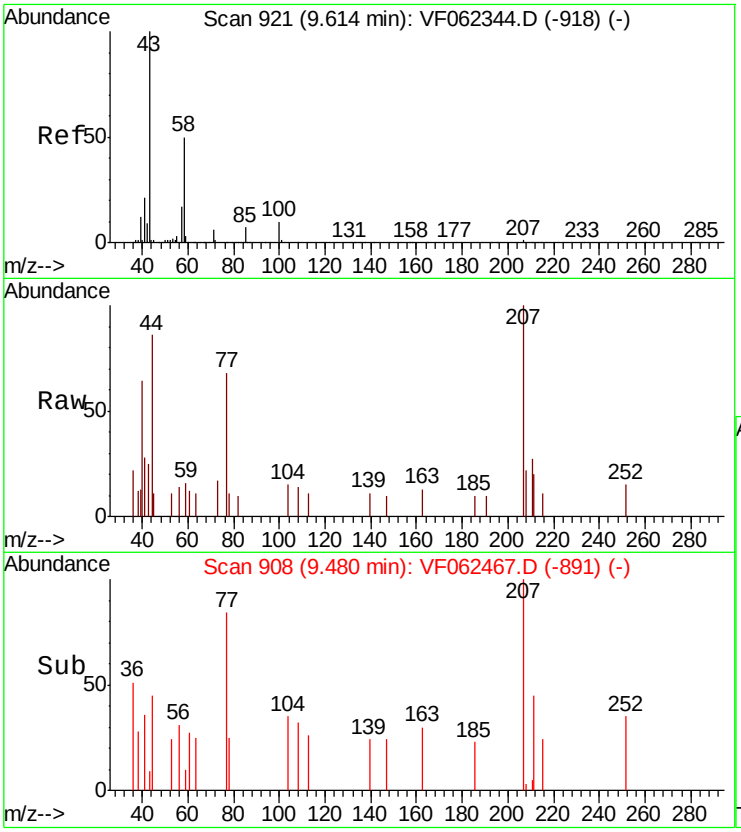


#50
Toluene-d8
Concen: 32.246 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.01 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Tgt Ion: 98 Resp: 120079

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.3	79.9



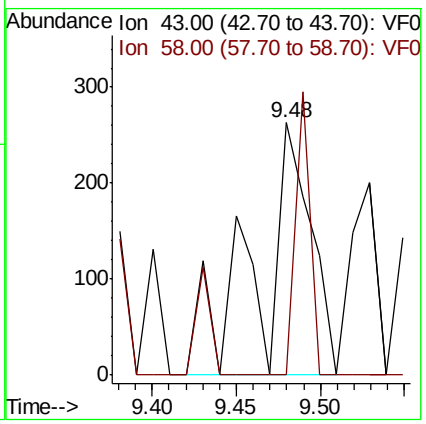


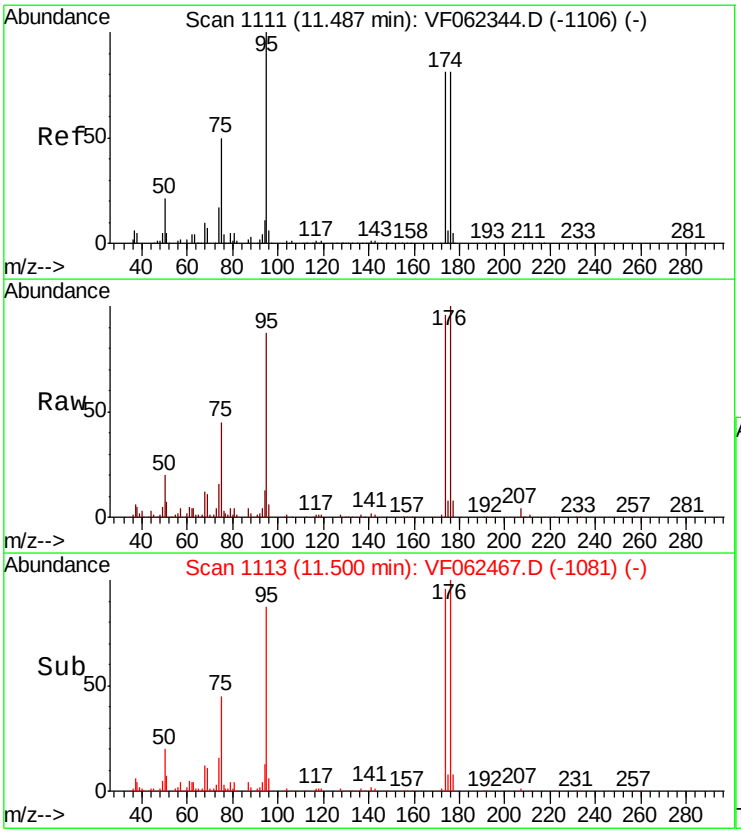
#59
2-Hexanone
Concen: 1.457 ug/l
RT: 9.48 min Scan# 908
Delta R.T. -0.13 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1824-01

Tgt Ion: 43 Resp: 576

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.3	73.0

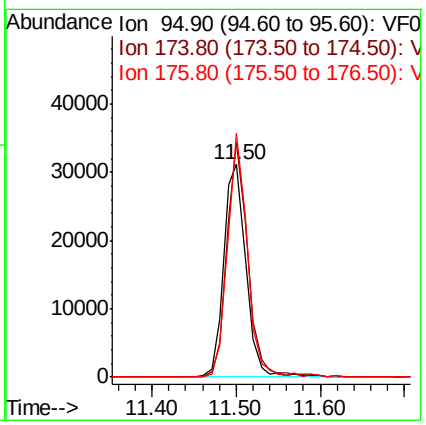


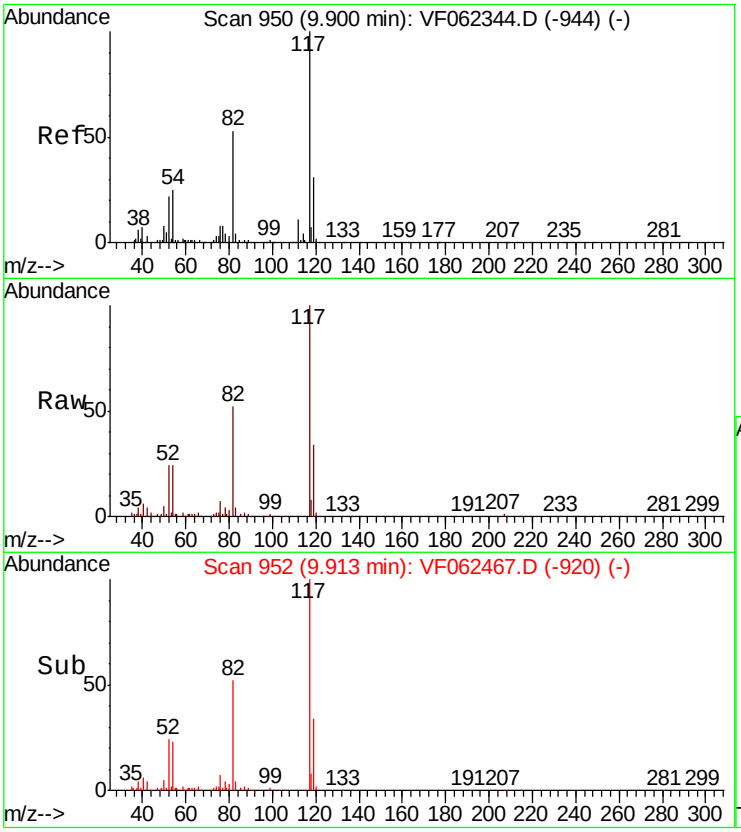


#62
4-Bromofluorobenzene
Concen: 33.944 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Tgt Ion: 95 Resp: 57028

Ion	Ratio	Lower	Upper
95	100		
174	104.3	0.0	191.8
176	102.8	0.0	193.2



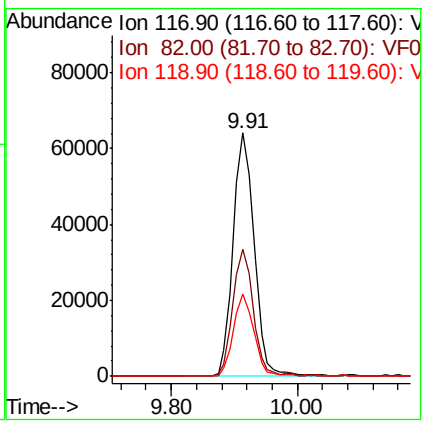


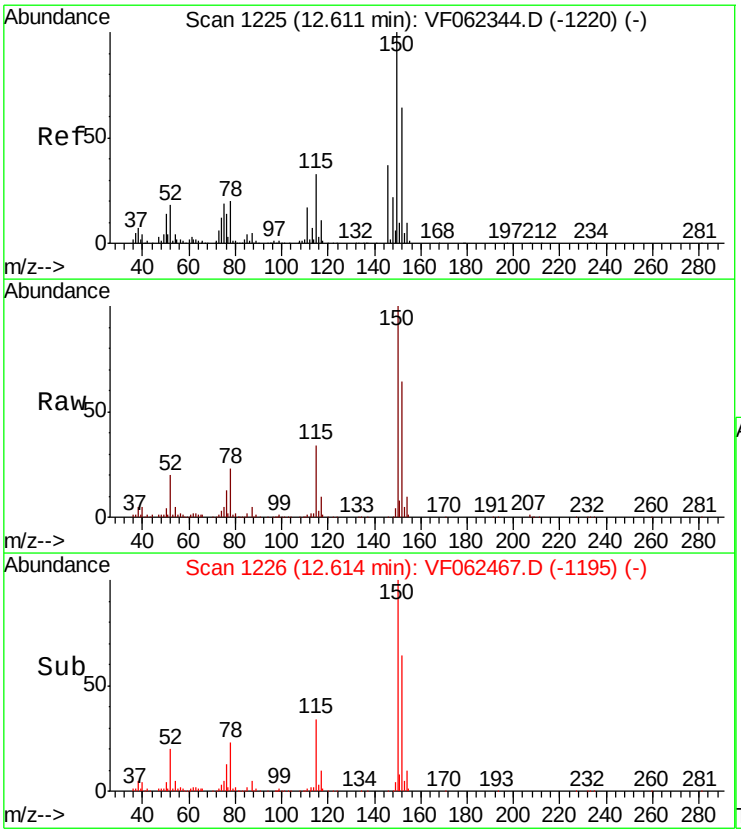
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Instrument : MSVOA_F
ClientSampleId : P026-SS013-1824-01

Tgt Ion:117 Resp: 147461

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.2	63.2
119	34.1	25.0	37.4

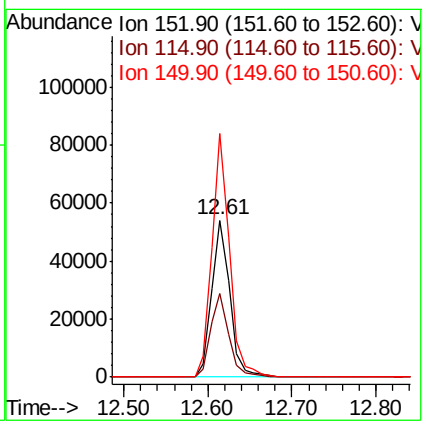


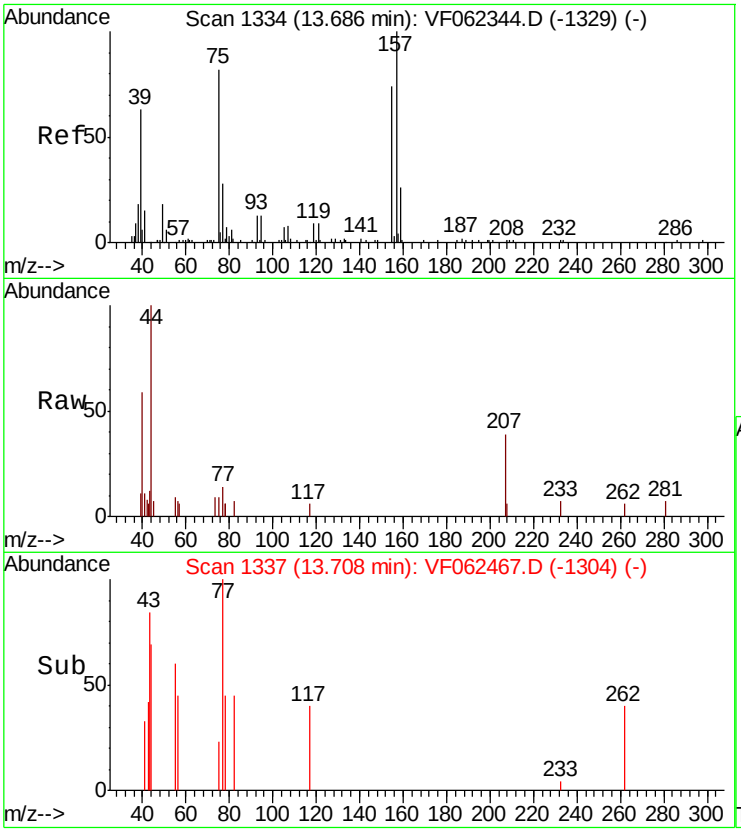


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Tgt Ion:152 Resp: 80864

Ion	Ratio	Lower	Upper
152	100		
115	53.6	26.4	79.2
150	150.8	0.0	335.0





#92
1,2-Dibromo-3-Chloropropane
Concen: 1.106 ug/l
RT: 13.71 min Scan# 1337
Delta R.T. 0.02 min
Lab File: VF062467.D
Acq: 11 May 2019 18:32

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-1824-01

Tgt Ion: 75 Resp: 186

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