

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
 Data File : VF061529.D
 Acq On : 25 Jan 2019 19:14
 Operator : VA/AP
 Sample : K1250-02
 Misc : 5.32g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jan 28 00:09:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	175139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	325926	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	198779	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	76986	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	98352	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	
35) Dibromofluoromethane	4.10	113	114218	44.41	ug/l	0.00
Spiked Amount			Recovery	=	88.82%	
50) Toluene-d8	7.55	98	218691	31.04	ug/l	0.00
Spiked Amount			Recovery	=	62.08%	
62) 4-Bromofluorobenzene	11.41	95	186300	56.59	ug/l	0.01
Spiked Amount			Recovery	=	113.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	1.63	74	786	1.406	ug/l	93
11) Tert butyl alcohol	2.57	59	502	5.485	ug/l #	64
13) Acrolein	2.00	56	1142	24.224	ug/l #	23
14) Allyl chloride	2.06	41	5167	Below Cal	#	33
15) Acrylonitrile	2.93	53	1499	6.394	ug/l #	55
16) Acetone	2.23	43	3967	9.145	ug/l	99
18) Methyl Acetate	2.37	43	6293	7.315	ug/l #	61
23) Vinyl Acetate	3.24	43	187	3.269	ug/l #	78
25) 2-Butanone	4.33	43	4419	6.126	ug/l #	57
29) Tetrahydrofuran	4.01	42	6251	20.125	ug/l #	1
31) Cyclohexane	3.69	56	7245	2.085	ug/l #	66
37) Ethyl Acetate	4.00	43	25951	17.180	ug/l #	1
39) Methylcyclohexane	5.45	83	75921	18.539	ug/l	97
41) Methacrylonitrile	4.67	41	11153	13.876	ug/l #	47
43) Isopropyl Acetate	7.01	43	12863	6.785	ug/l #	51
48) Methyl methacrylate	6.81	41	31694	24.895	ug/l #	51
49) 1,4-Dioxane	6.56	88	73	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.28	43	166159	119.216	ug/l #	44
55) 1,1,2-Trichloroethane	8.40	97	38008	24.171	ug/l #	55
56) Ethyl methacrylate	8.62	69	424963	232.287	ug/l #	81
58) 2-Chloroethyl Vinyl ether	7.25	63	437	29.545	ug/l #	47
59) 2-Hexanone	9.53	43	28557	29.383	ug/l #	34
74) N-amyl acetate	11.39	43	35682	24.100	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.67	83	81062	72.672	ug/l #	35
76) 1,2,3-Trichloropropane	11.83	75	1903	2.374	ug/l #	1
79) 2-Chlorotoluene	11.55	91	5951	1.370	ug/l	87
80) 1,3,5-Trimethylbenzene	11.82	105	89009	17.615	ug/l	95
82) 4-Chlorotoluene	11.96	91	22842	5.210	ug/l #	56
83) tert-Butylbenzene	12.12	119	27792	5.314	ug/l #	58
84) 1,2,4-Trimethylbenzene	12.30	105	10288	1.977	ug/l #	35
85) sec-Butylbenzene	12.30	105	10288	1.449	ug/l	81
86) p-Isopropyltoluene	12.43	119	177386	30.424	ug/l #	84
89) n-Butylbenzene	12.82	91	43658	7.261	ug/l #	1
90) Hexachloroethane	12.92	117	63851	46.458	ug/l #	22

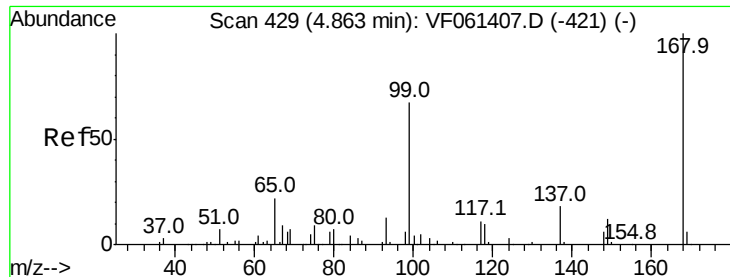
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
Data File : VF061529.D
Acq On : 25 Jan 2019 19:14
Operator : VA/AP
Sample : K1250-02
Misc : 5.32g/5mL/MSVOA-F/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: Jan 28 00:09:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	13.64	75	5465	27.622	ug/l #	1
95) Naphthalene	14.46	128	24155	7.337	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.00 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

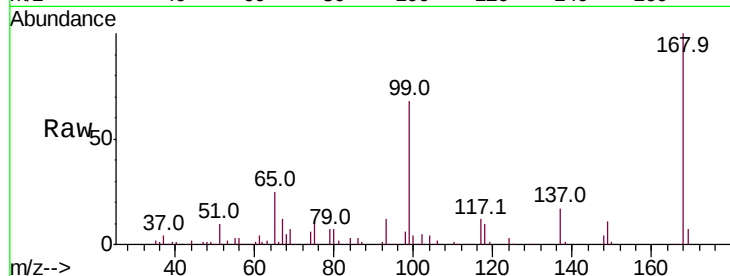
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 175139

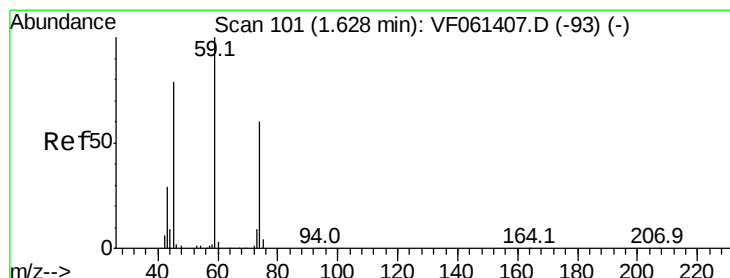
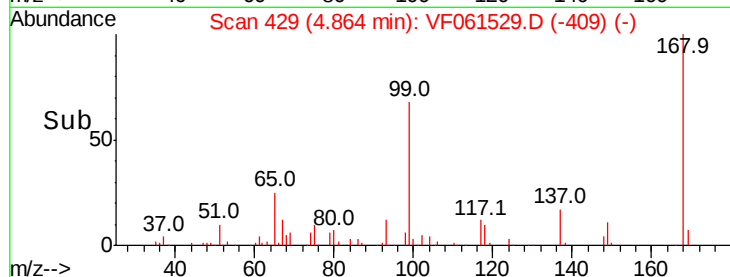
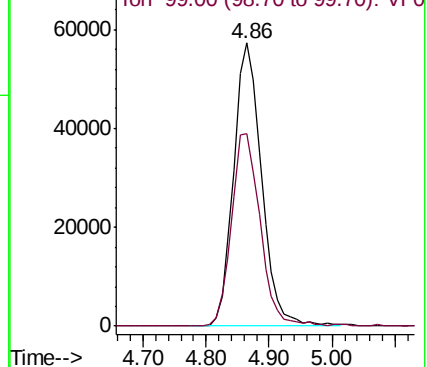
Ion Ratio Lower Upper

168 100

99 67.9 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0



#8

Diethyl Ether

Concen: 1.406 ug/l

RT: 1.63 min Scan# 101

Delta R.T. 0.00 min

Lab File: VF061529.D

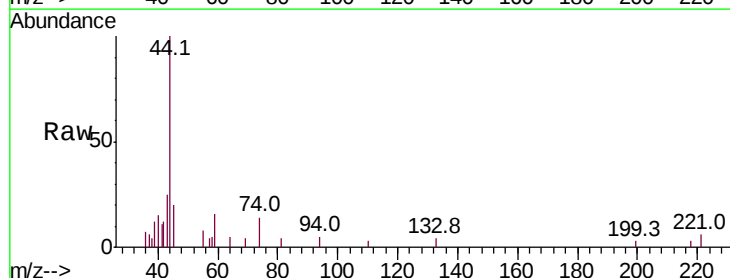
Acq: 25 Jan 2019 19:14

Tgt Ion: 74 Resp: 786

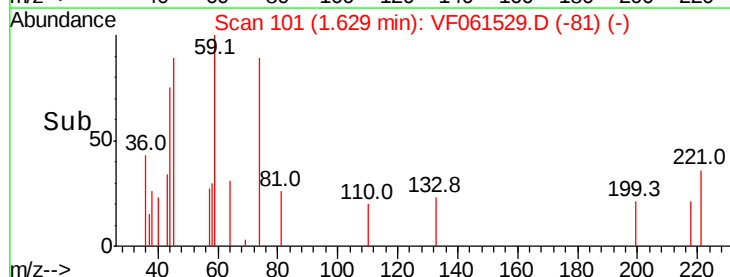
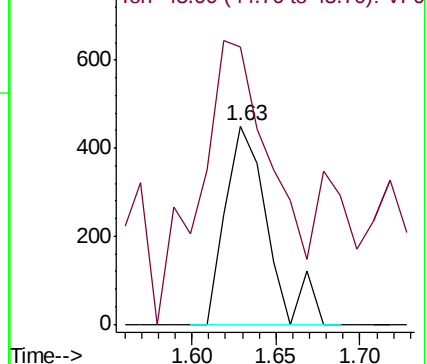
Ion Ratio Lower Upper

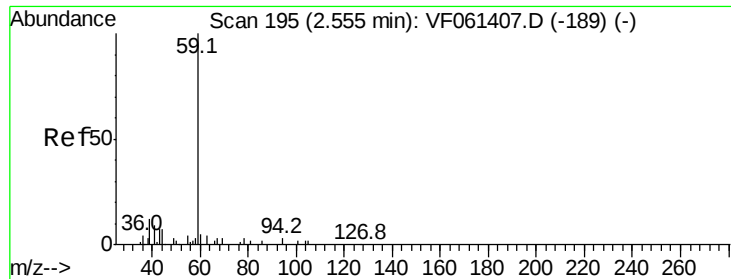
74 100

45 139.7 65.8 197.5



Abundance Ion 74.00 (73.70 to 74.70): VF0

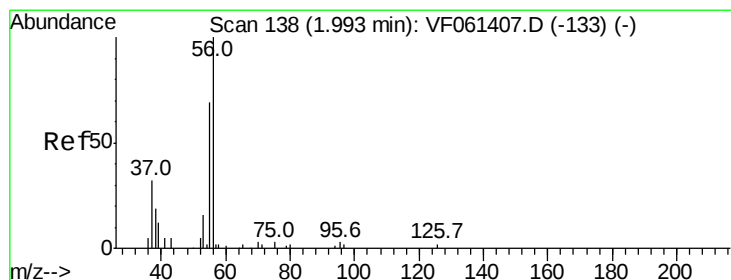
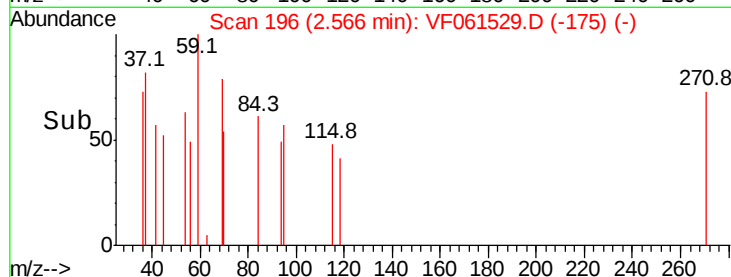
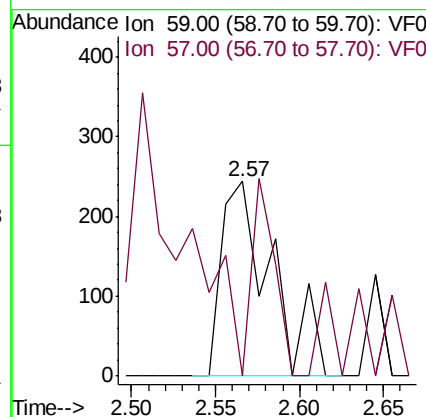
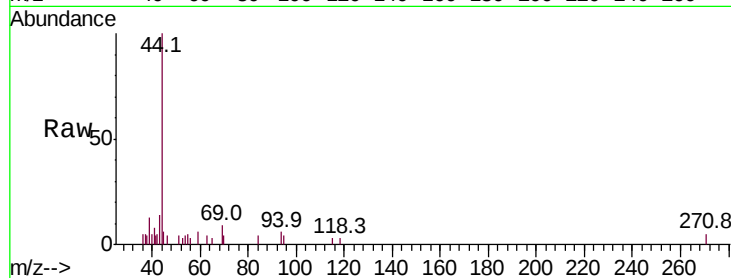




#11
Tert butyl alcohol
Concen: 5.485 ug/l
RT: 2.57 min Scan# 196
Delta R.T. 0.01 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

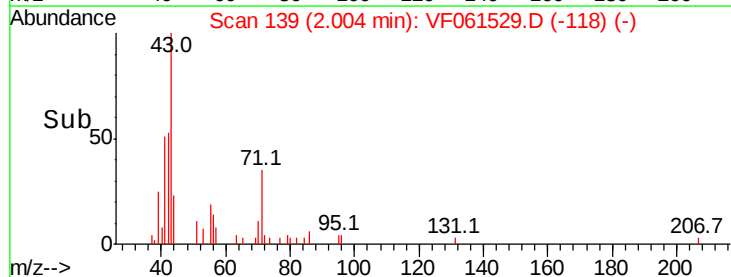
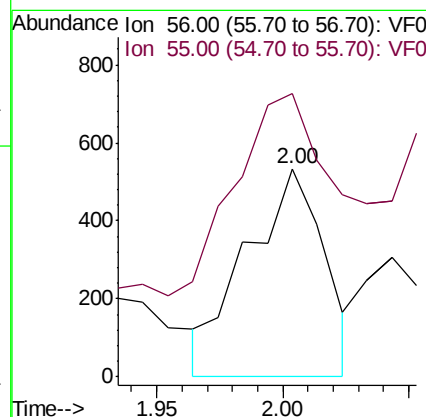
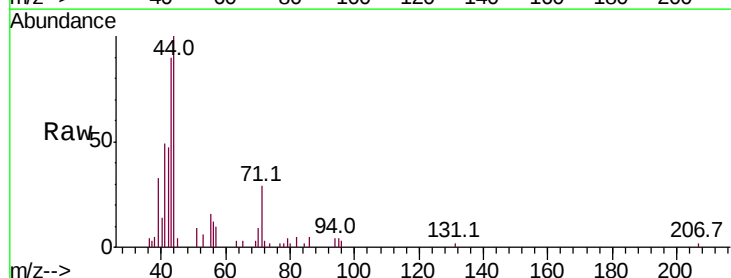
Instrument :
MSVOA_F
ClientSampled :

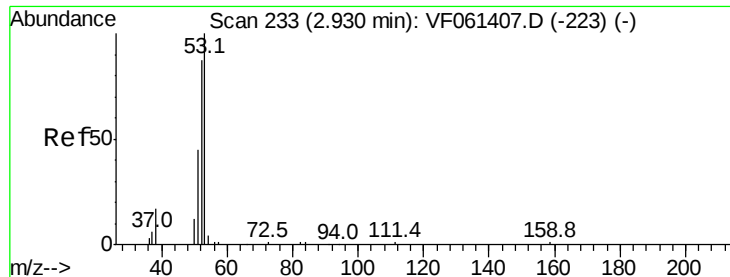
Tot Ion: 59 Resp: 502
Ion Ratio Lower Upper
59 100
57 0.0 11.9 17.9#



#13
Acrolein
Concen: 24.224 ug/l
RT: 2.00 min Scan# 139
Delta R.T. 0.01 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion: 56 Resp: 1142
Ion Ratio Lower Upper
56 100
55 136.2 57.5 86.3#





#15

Acrylonitrile

Concen: 6.394 ug/l

RT: 2.93 min Scan# 233

Delta R.T. 0.00 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

Instrument :
MSVOA_F
ClientSampleId :

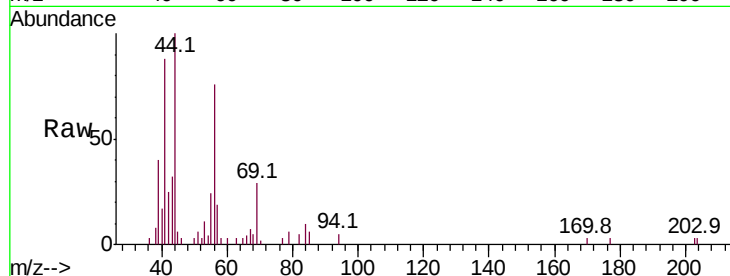
Tot Ion: 53 Resp: 1499

Ion Ratio Lower Upper

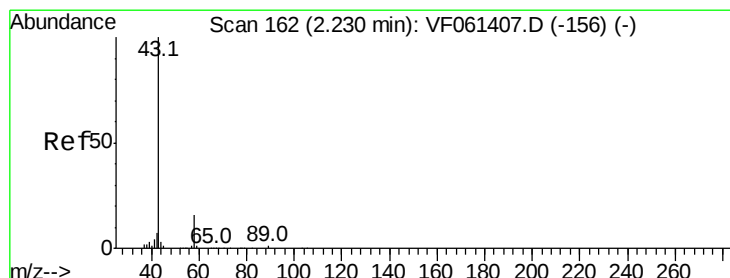
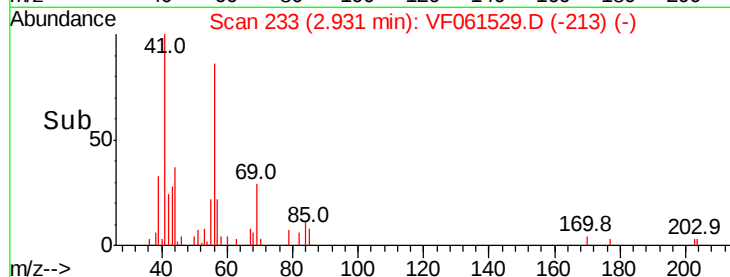
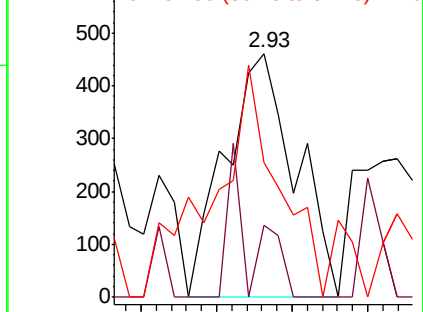
53 100

52 29.7 69.6 104.4#

51 55.3 36.8 55.2#



Abundance Ion 53.00 (52.70 to 53.70): VF0
Ion 52.00 (51.70 to 52.70): VF0
Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 9.145 ug/l

RT: 2.23 min Scan# 162

Delta R.T. 0.00 min

Lab File: VF061529.D

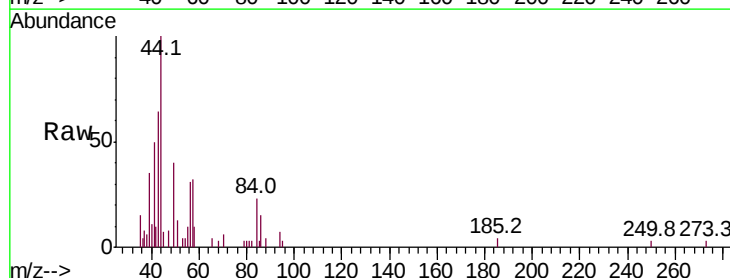
Acq: 25 Jan 2019 19:14

Tgt Ion: 43 Resp: 3967

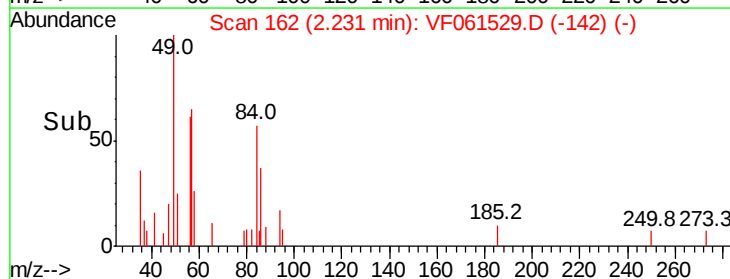
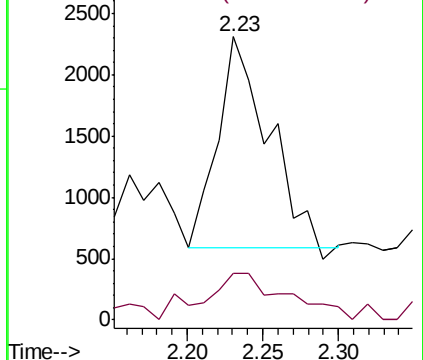
Ion Ratio Lower Upper

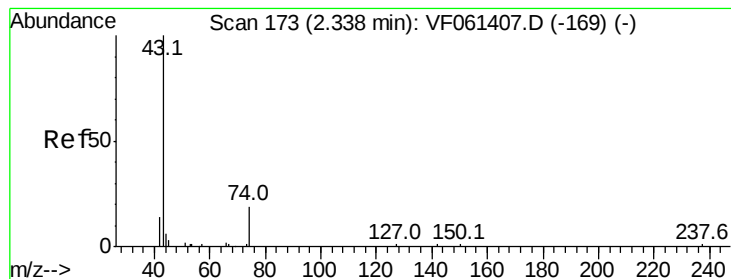
43 100

58 16.4 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0





#18

Methyl Acetate

Concen: 7.315 ug/l

RT: 2.37 min Scan# 176

Delta R.T. 0.03 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

Instrument :

MSVOA_F

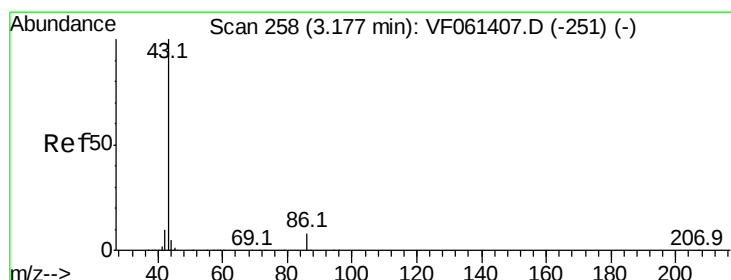
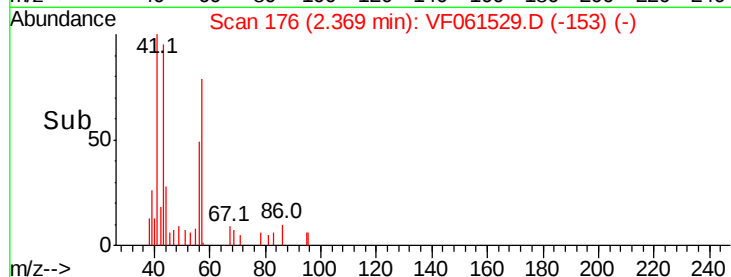
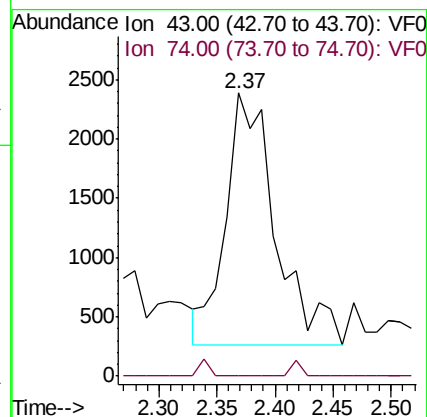
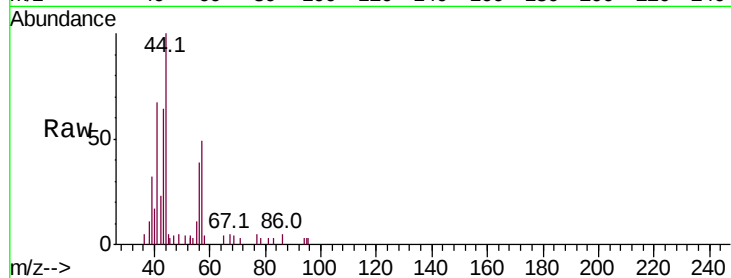
ClientSampleId :

Tot Ion: 43 Resp: 6293

Ion Ratio Lower Upper

43 100

74 0.0 13.4 20.0#



#23

Vinyl Acetate

Concen: 3.269 ug/l

RT: 3.24 min Scan# 264

Delta R.T. 0.06 min

Lab File: VF061529.D

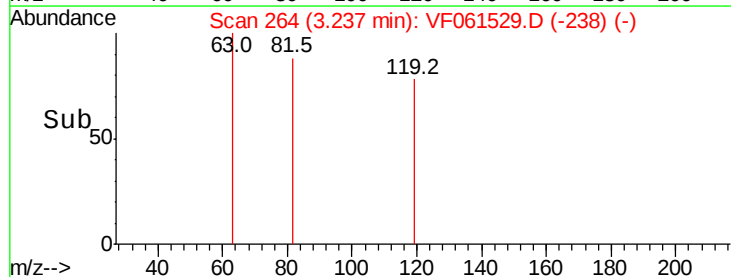
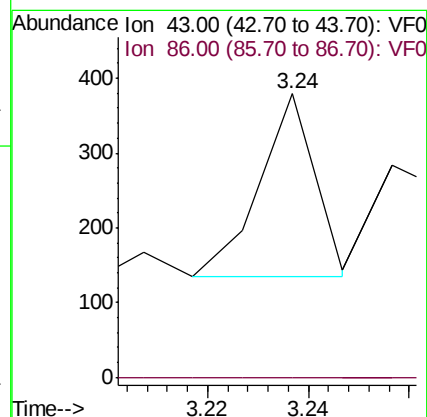
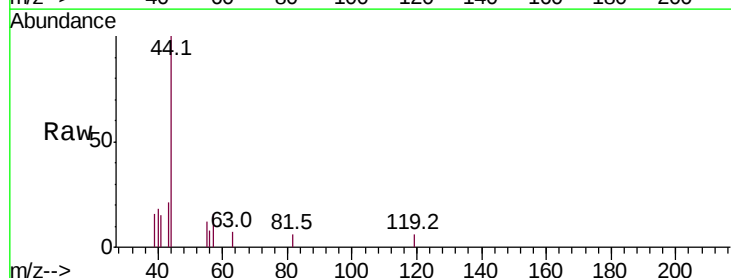
Acq: 25 Jan 2019 19:14

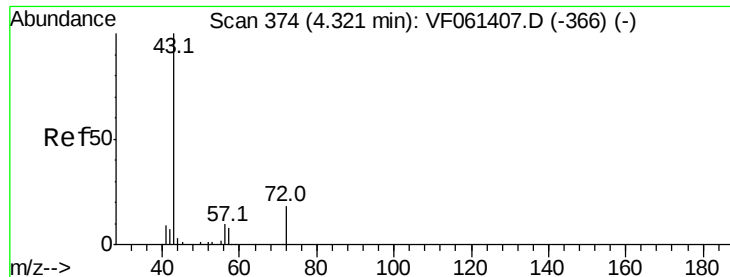
Tgt Ion: 43 Resp: 187

Ion Ratio Lower Upper

43 100

86 0.0 6.2 9.4#





#25

2-Butanone

Concen: 6.126 ug/l

RT: 4.33 min Scan# 375

Delta R.T. 0.01 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

Instrument :

MSVOA_F

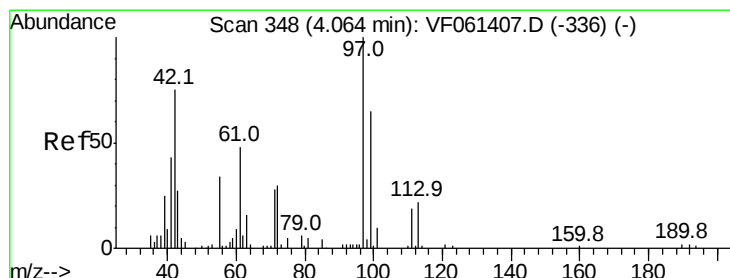
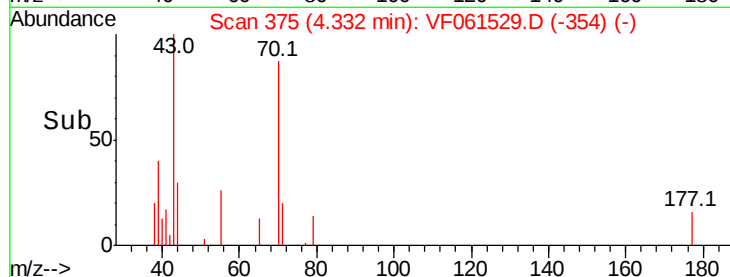
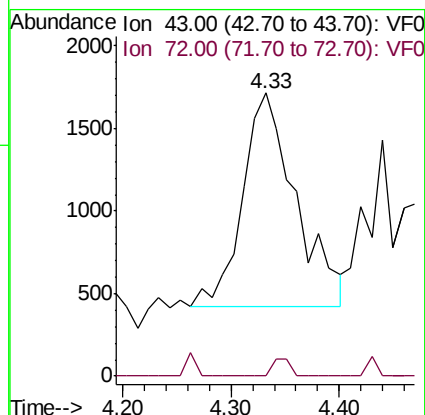
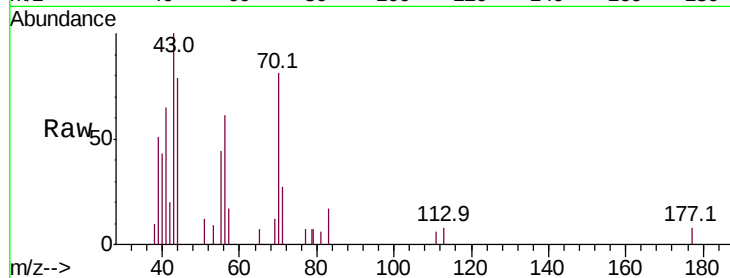
ClientSampleId :

Tot Ion: 43 Resp: 4419

Ion Ratio Lower Upper

43 100

72 0.0 15.8 23.6#



#29

Tetrahydrofuran

Concen: 20.125 ug/l

RT: 4.01 min Scan# 342

Delta R.T. -0.06 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

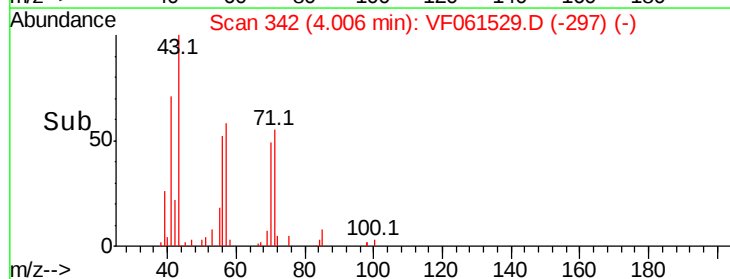
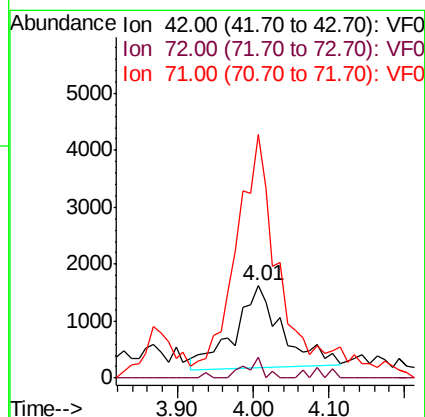
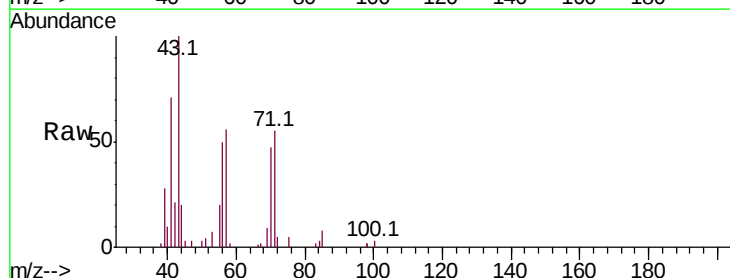
Tgt Ion: 42 Resp: 6251

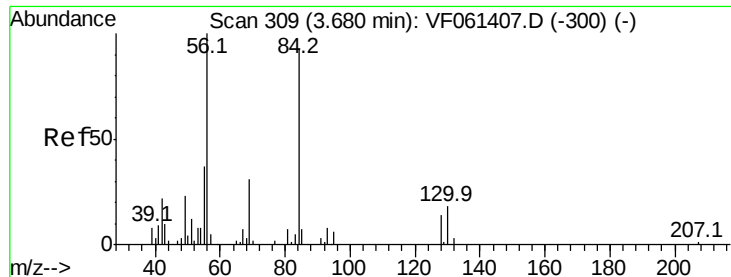
Ion Ratio Lower Upper

42 100

72 9.1 28.9 43.3#

71 259.2 29.6 44.4#

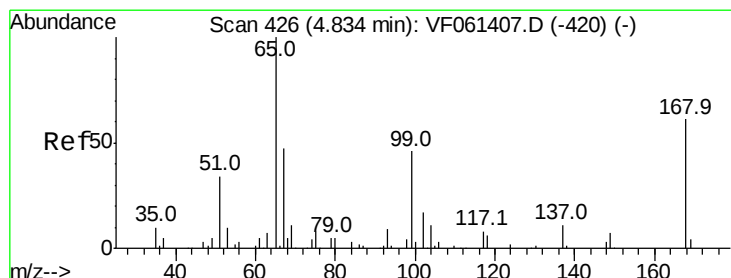
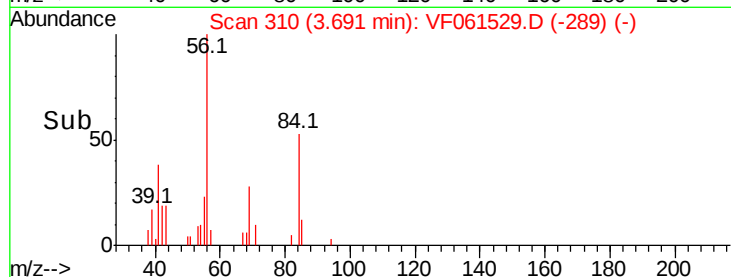
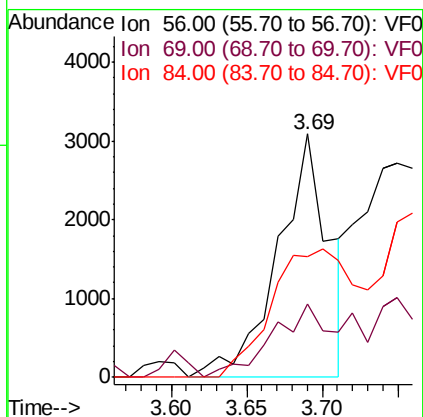
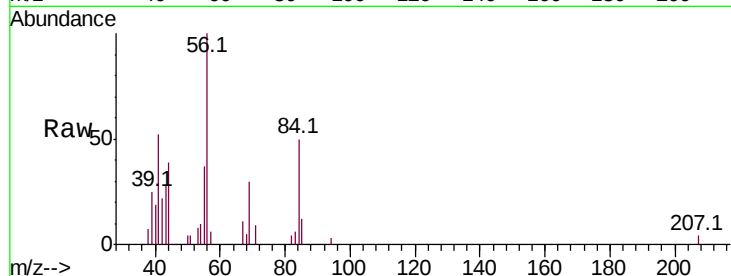




#31
Cyclohexane
Concen: 2.085 ug/l
RT: 3.69 min Scan# 310
Delta R.T. 0.01 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

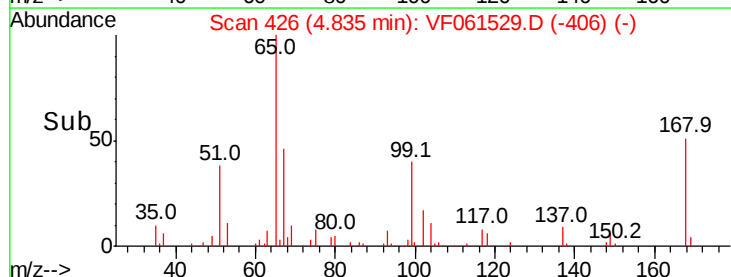
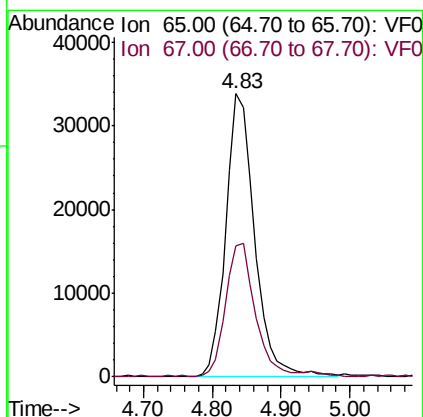
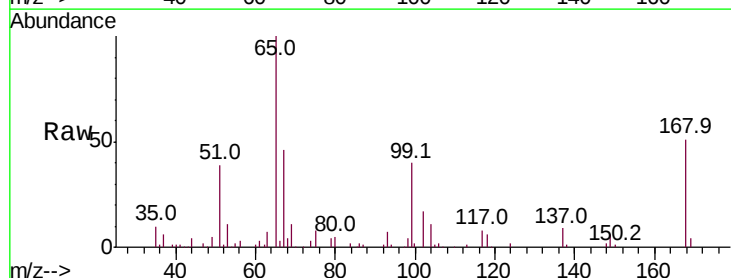
Instrument :
MSVOA_F
ClientSampleId :

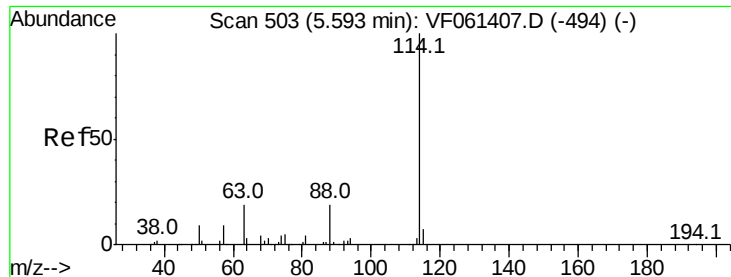
Tot Ion: 56 Resp: 7245
Ion Ratio Lower Upper
56 100
69 29.9 24.6 36.8
84 49.8 74.2 111.2#



#33
1,2-Dichloroethane-d4
Concen: 45.485 ug/l
RT: 4.83 min Scan# 426
Delta R.T. 0.00 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion: 65 Resp: 98352
Ion Ratio Lower Upper
65 100
67 46.1 0.0 99.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. 0.00 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

Instrument :
MSVOA_F
ClientSampleId :

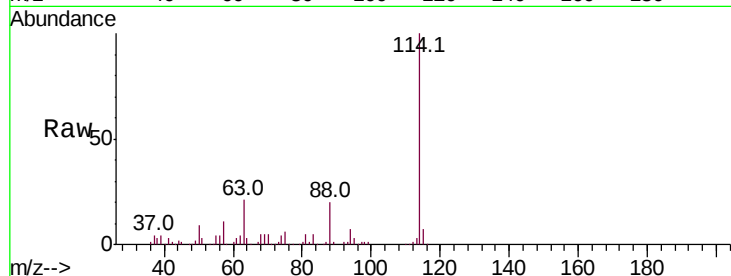
Tot Ion:114 Resp: 325926

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.0

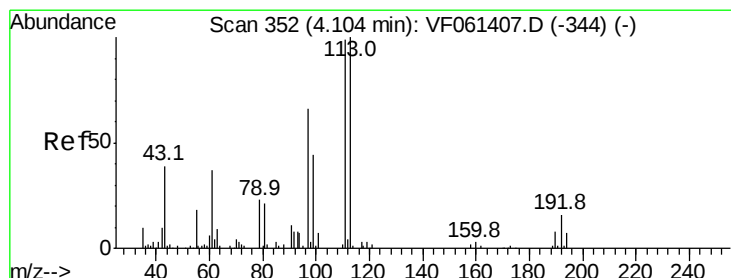
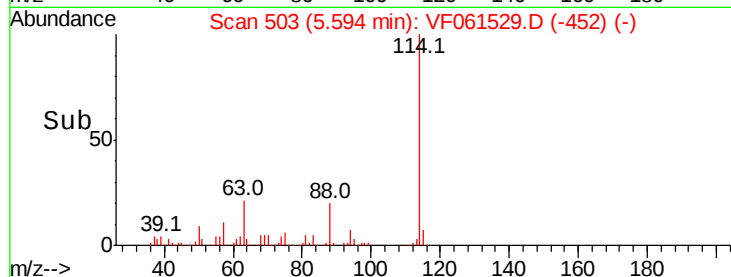
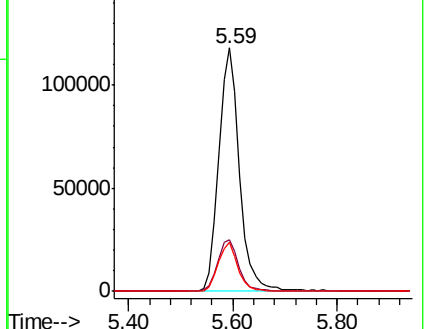
88 20.3 0.0 37.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 44.411 ug/l

RT: 4.10 min Scan# 352

Delta R.T. 0.00 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

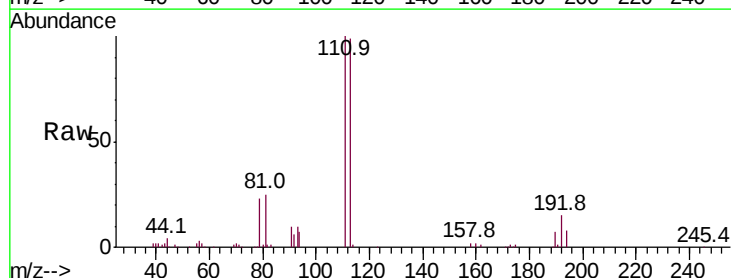
Tgt Ion:113 Resp: 114218

Ion Ratio Lower Upper

113 100

111 101.1 79.4 119.0

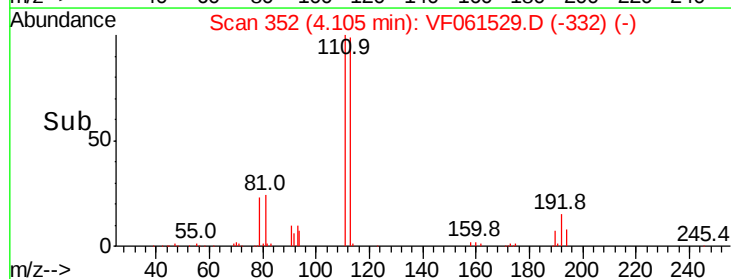
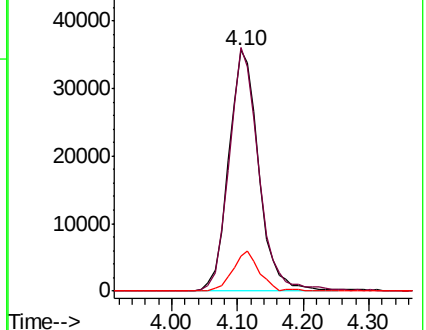
192 14.7 12.4 18.6

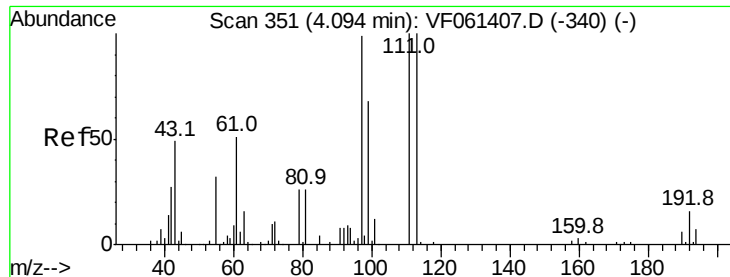


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

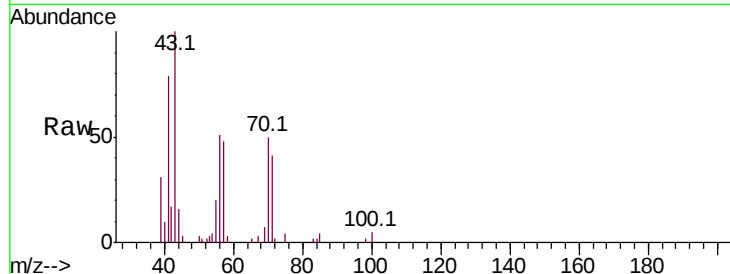




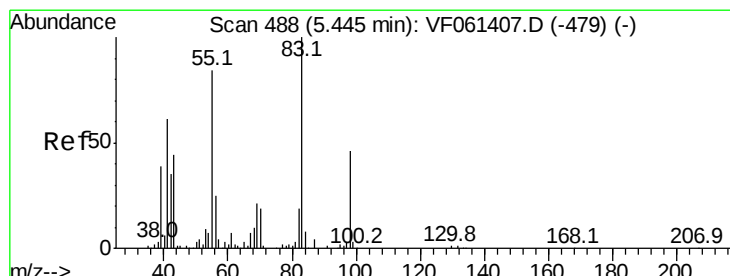
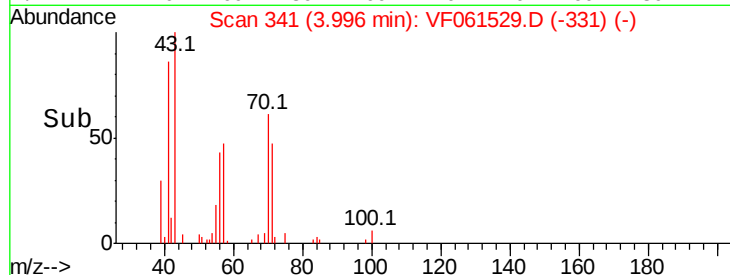
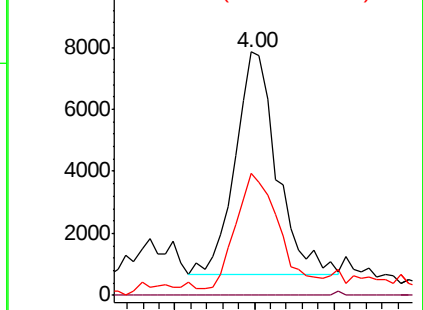
#37
Ethyl Acetate
Concen: 17.180 ug/l
RT: 4.00 min Scan# 341
Delta R.T. -0.10 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 25951
Ion Ratio Lower Upper
43 100
61 0.0 81.7 122.5#
70 50.4 6.2 9.2#

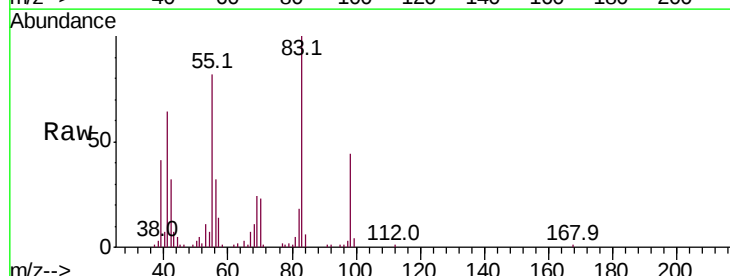


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 70.00 (69.70 to 70.70): VF0

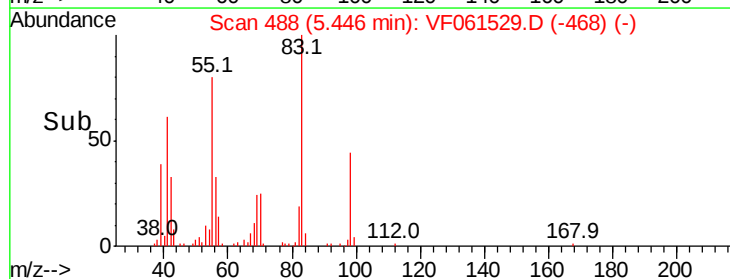
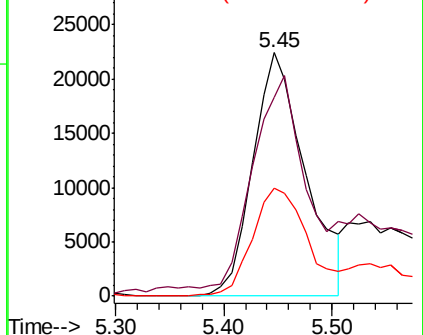


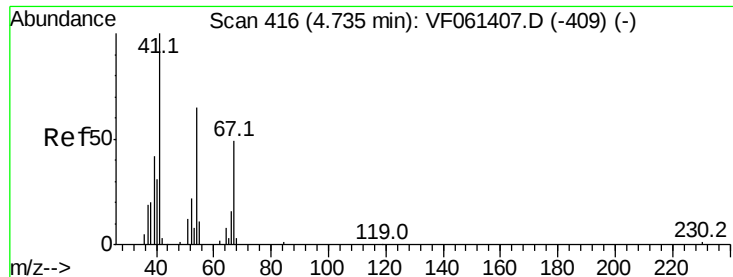
#39
Methylcyclohexane
Concen: 18.539 ug/l
RT: 5.45 min Scan# 488
Delta R.T. 0.00 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion: 83 Resp: 75921
Ion Ratio Lower Upper
83 100
55 81.7 67.4 101.2
98 44.3 36.7 55.1



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

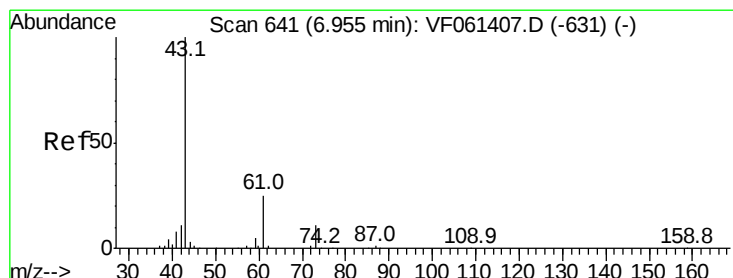
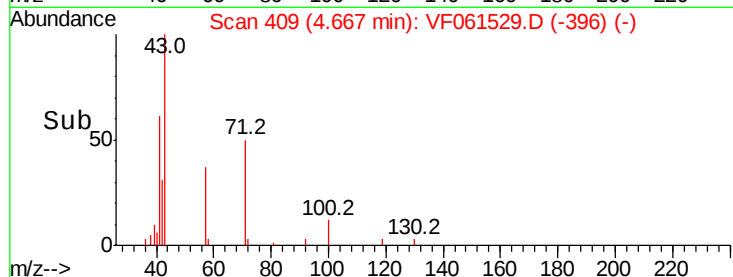
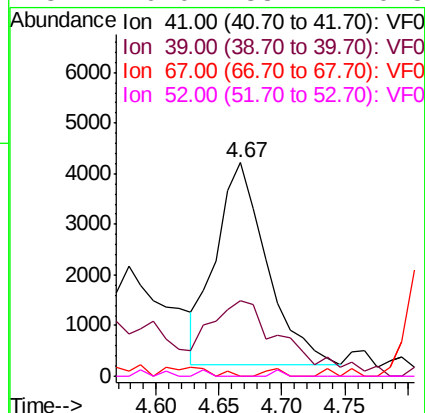
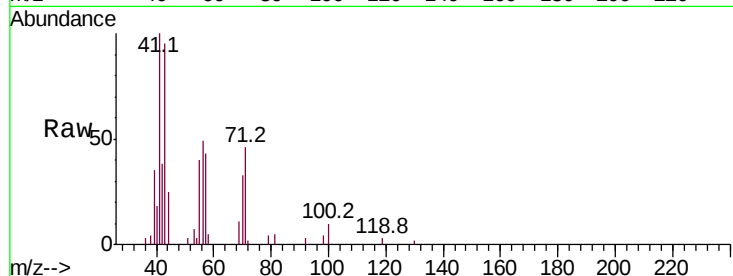




#41
Methacrylonitrile
Concen: 13.876 ug/l
RT: 4.67 min Scan# 409
Delta R.T. -0.07 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

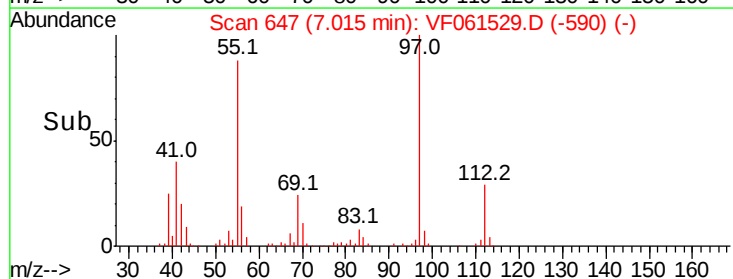
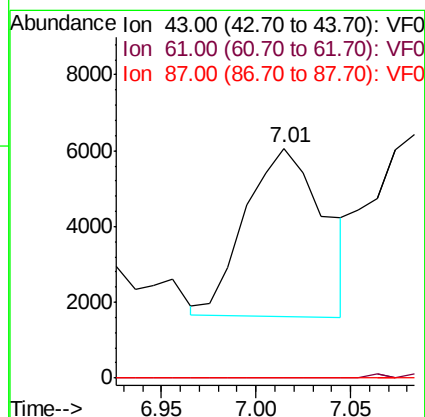
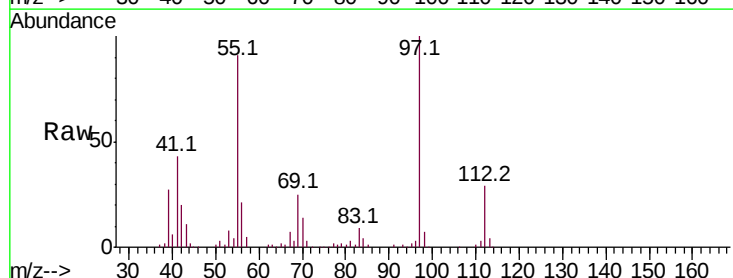
Instrument :
MSVOA_F
ClientSampleId :

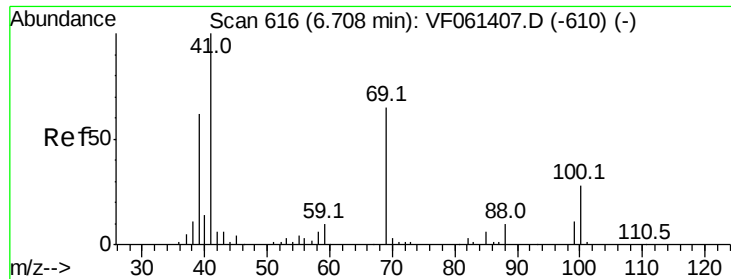
Tot Ion:	41	Resp:	11153
Ion	Ratio	Lower	Upper
41	100		
39	35.3	43.1	64.7#
67	0.0	38.8	58.2#
52	0.0	33.2	49.8#



#43
Isopropyl Acetate
Concen: 6.785 ug/l
RT: 7.01 min Scan# 647
Delta R.T. 0.06 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion:	43	Resp:	12863
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.3	30.5#
87	0.0	0.5	0.7#

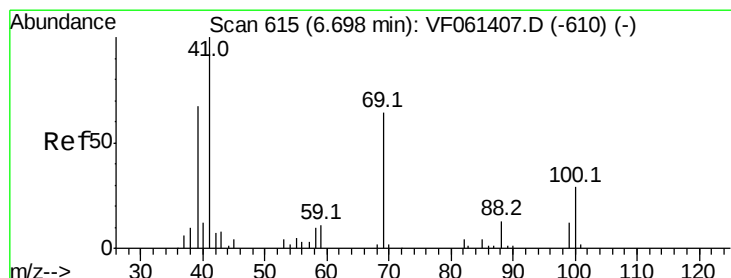
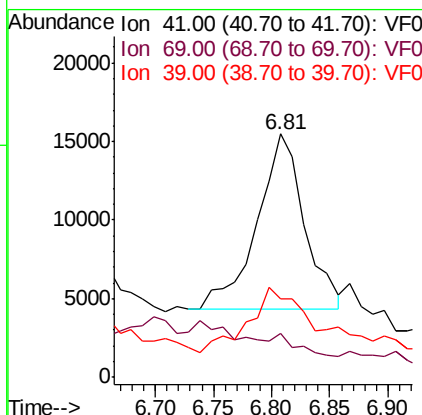
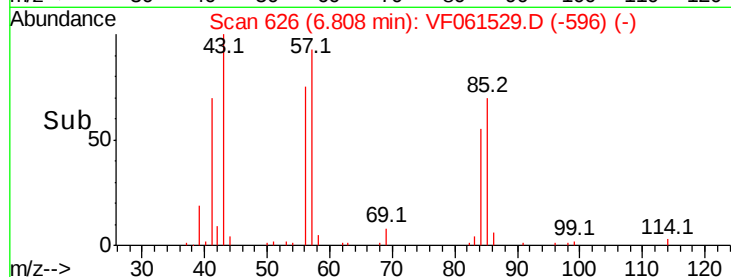
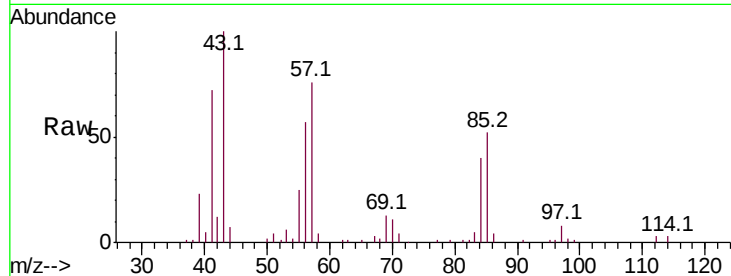




#48
Methvl methacrvlate
Concen: 24.895 ug/l
RT: 6.81 min Scan# 626
Delta R.T. 0.10 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

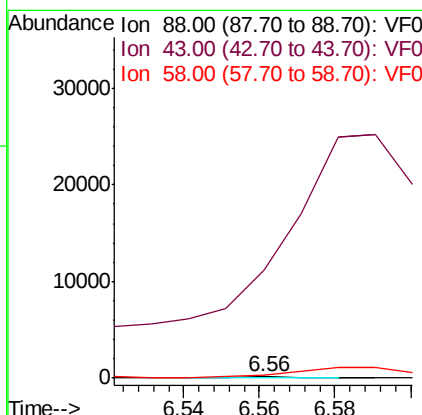
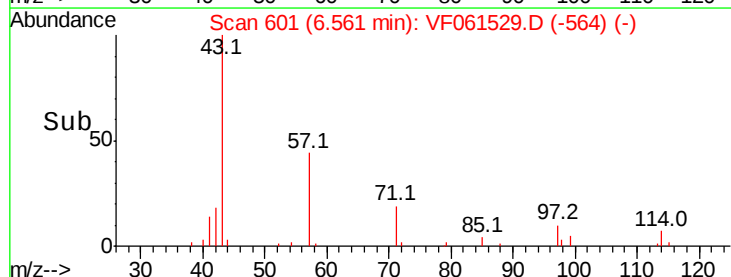
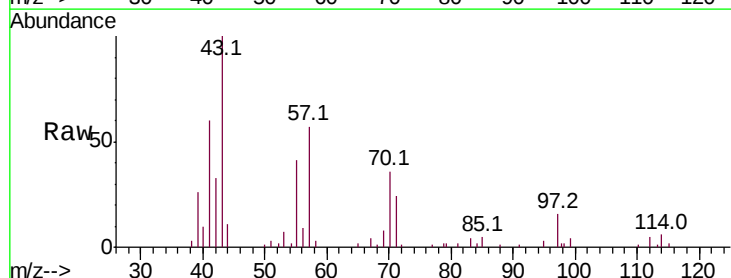
Instrument :
MSVOA_F
ClientSampleId :

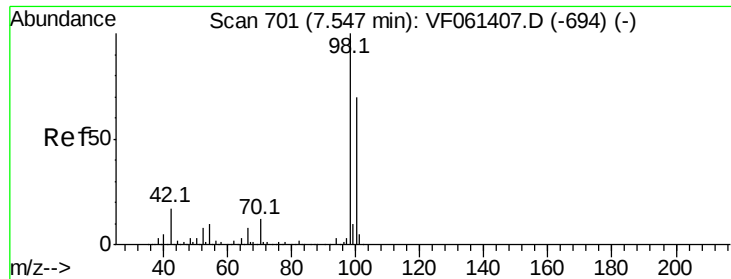
Tot Ion: 41 Resp: 31694
Ion Ratio Lower Upper
41 100
69 17.9 51.7 77.5#
39 32.4 49.2 73.8#



#49
1,4-Dioxane
Concen: Below Cal
RT: 6.56 min Scan# 601
Delta R.T. -0.14 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion: 88 Resp: 73
Ion Ratio Lower Upper
88 100
43 9052.4 55.5 83.3#
58 247.6 59.9 89.9#





#50

Toluene-d8

Concen: 31.036 ug/l

RT: 7.55 min Scan# 701

Delta R.T. 0.00 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

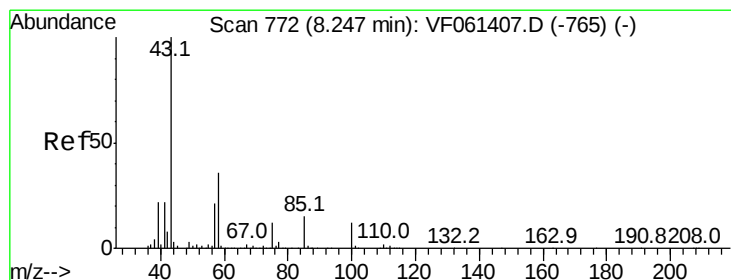
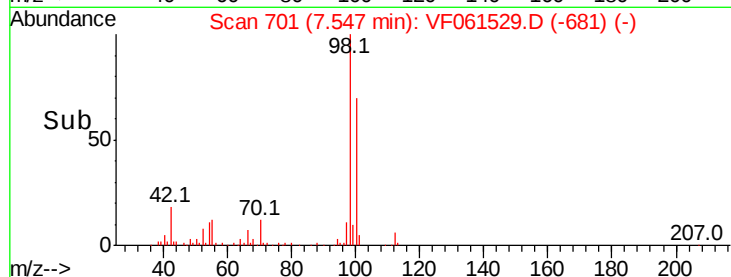
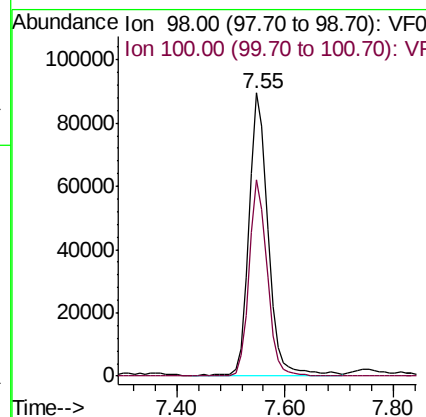
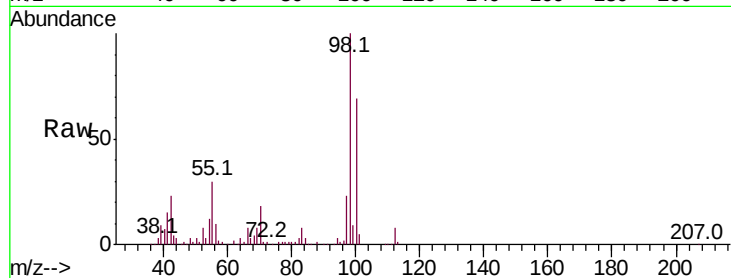
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 98 Resp: 218691

Ion Ratio Lower Upper

98 100

100 69.5 55.6 83.4



#51

4-Methyl-2-Pentanone

Concen: 119.216 ug/l

RT: 8.28 min Scan# 775

Delta R.T. 0.03 min

Lab File: VF061529.D

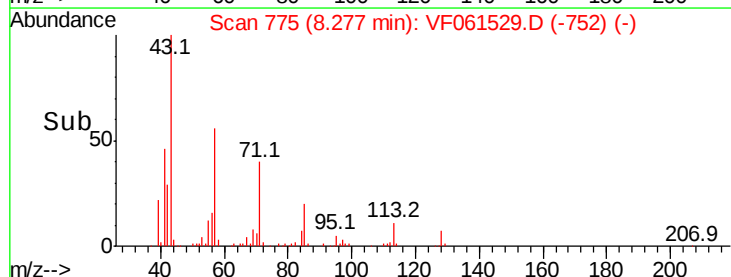
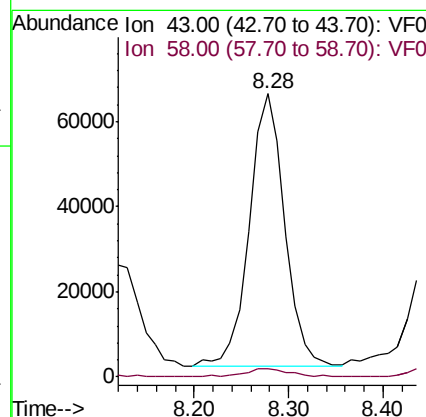
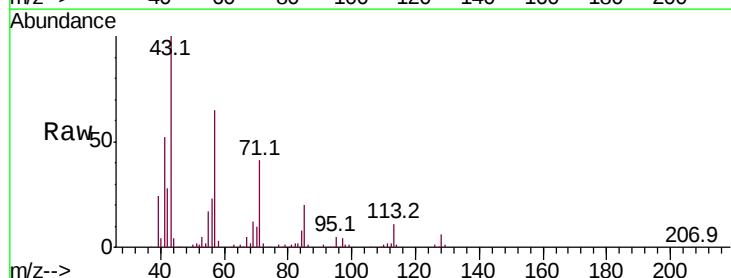
Acq: 25 Jan 2019 19:14

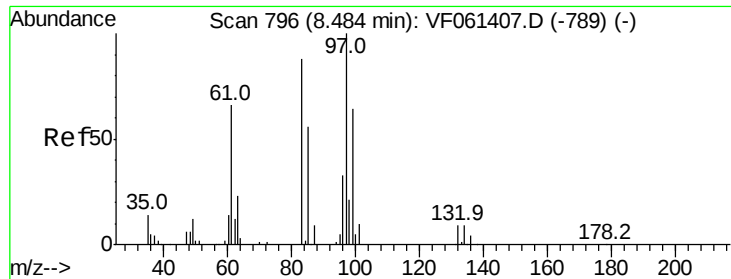
Tgt Ion: 43 Resp: 166159

Ion Ratio Lower Upper

43 100

58 3.0 28.8 43.2#





#55

1,1,2-Trichloroethane

Concen: 24.171 ug/l

RT: 8.40 min Scan# 787

Delta R.T. -0.09 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 97 Resp: 38008

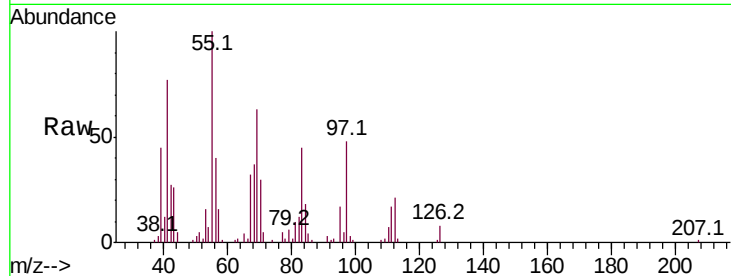
Ion Ratio Lower Upper

97 100

83 93.8 70.4 105.6

85 8.4 44.7 67.1#

99 1.7 50.8 76.2#

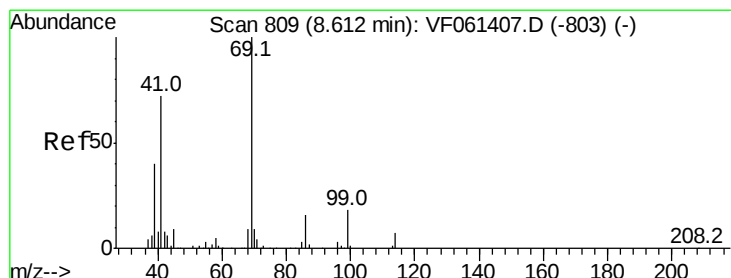
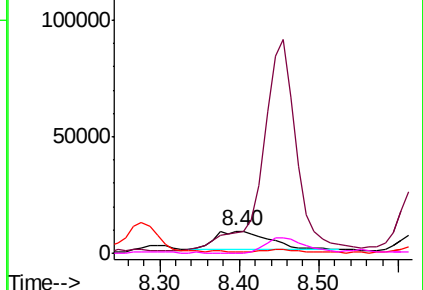
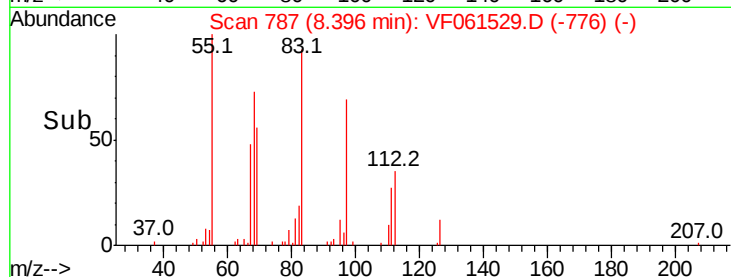


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 232.287 ug/l

RT: 8.62 min Scan# 810

Delta R.T. 0.01 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

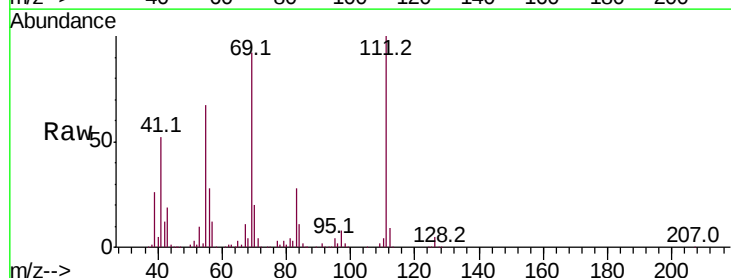
Tgt Ion: 69 Resp: 424963

Ion Ratio Lower Upper

69 100

41 56.4 57.5 86.3#

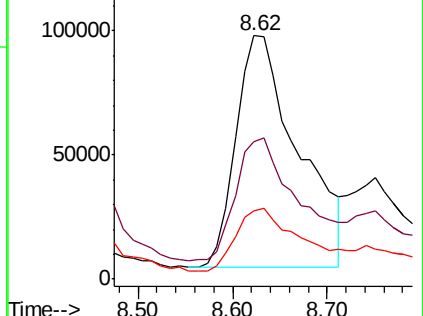
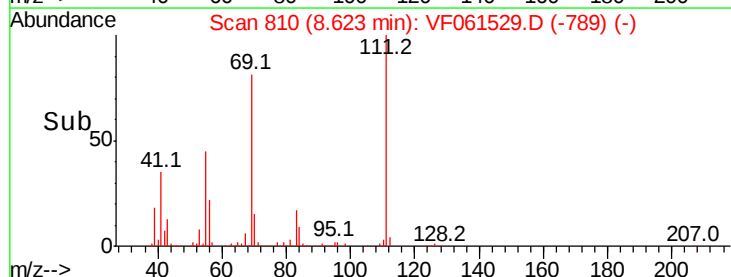
39 28.1 32.0 48.0#

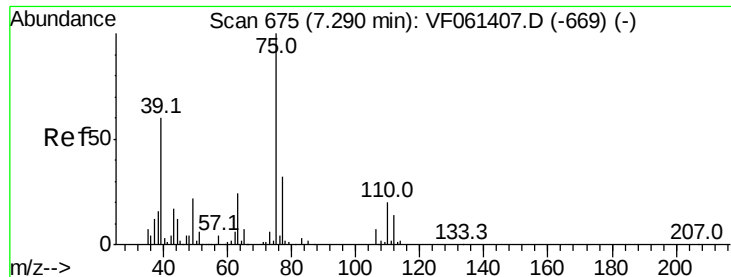


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

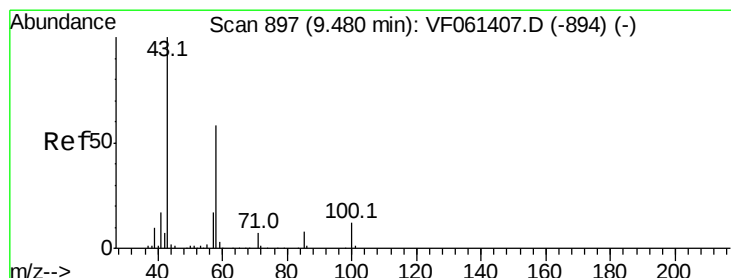
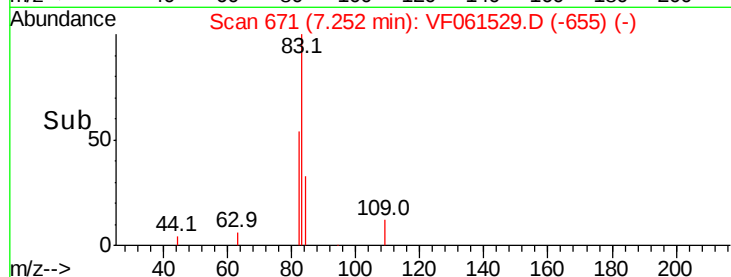
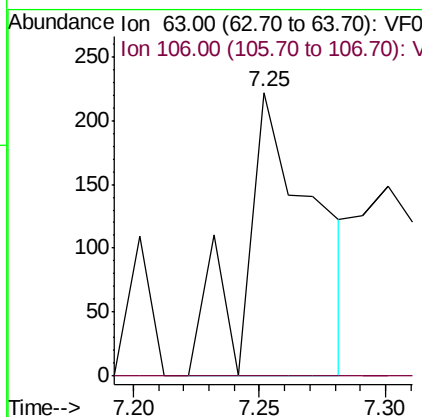
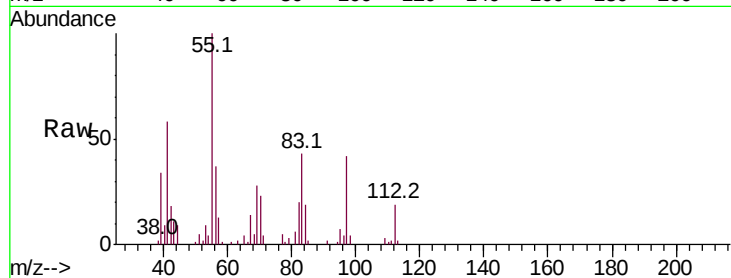




#58
2-Chloroethyl Vinyl ether
Concen: 29.545 ug/l
RT: 7.25 min Scan# 671
Delta R.T. -0.04 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

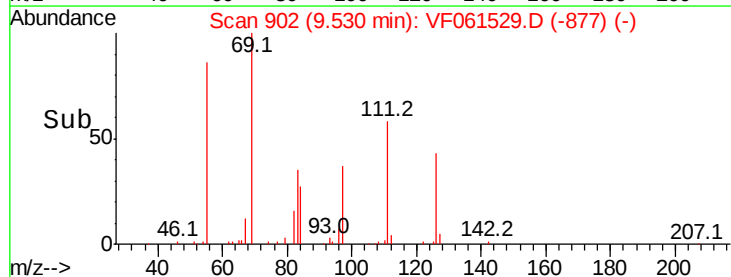
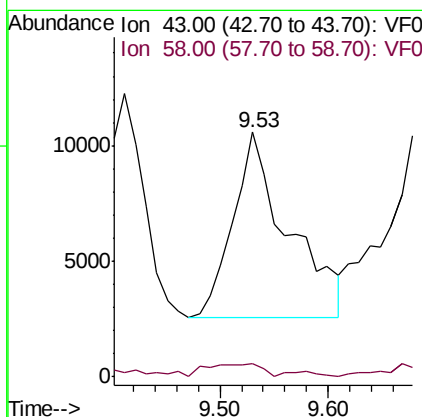
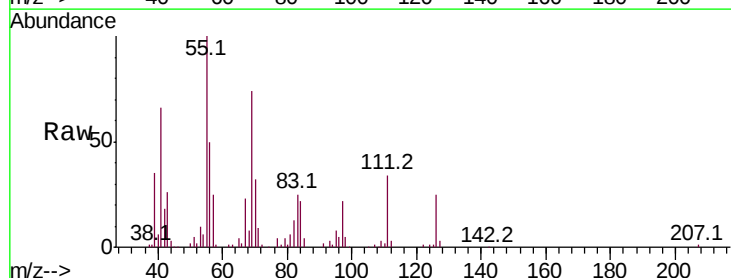
Instrument :
MSVOA_F
ClientSampleId :

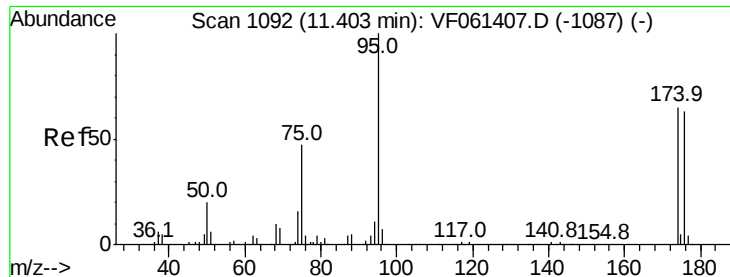
Tot Ion: 63 Resp: 437
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#



#59
2-Hexanone
Concen: 29.383 ug/l
RT: 9.53 min Scan# 902
Delta R.T. 0.05 min
Lab File: VF061529.D
Acq: 25 Jan 2019 19:14

Tgt Ion: 43 Resp: 28557
Ion Ratio Lower Upper
43 100
58 5.5 25.9 77.6#





#62

4-Bromofluorobenzene

Concen: 56.587 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

Instrument :

MSVOA_F

ClientSampleId :

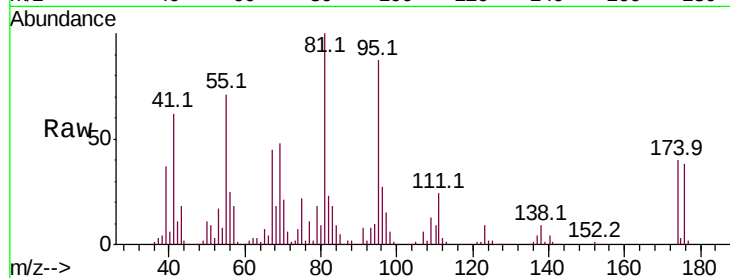
Tot Ion: 95 Resp: 186300

Ion Ratio Lower Upper

95 100

174 45.3 0.0 130.4

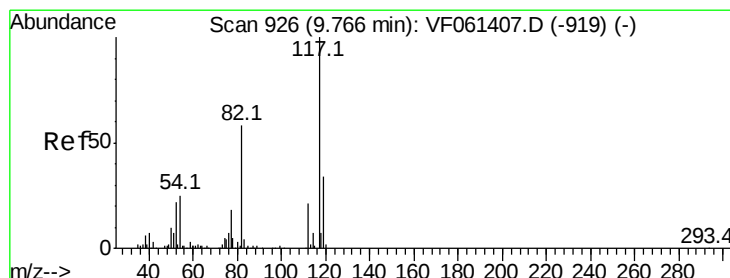
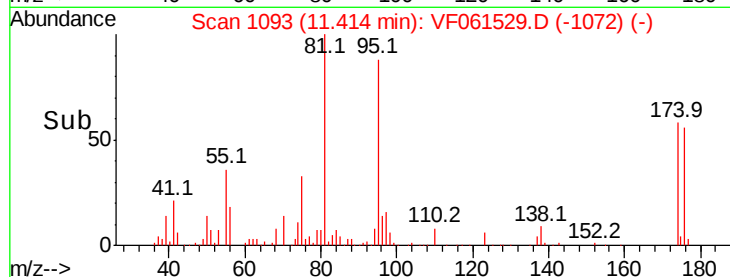
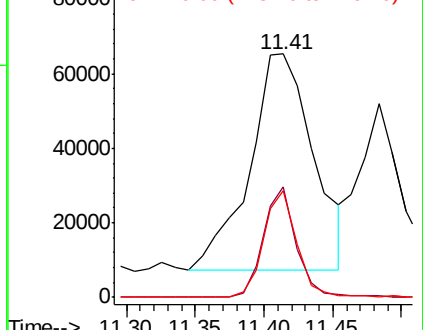
176 43.8 0.0 126.2



Abundance Ion 95.00 (94.70 to 95.70): VF061407.D (-1087) (-)

Ion 174.00 (173.70 to 174.70): VF061407.D (-1087) (-)

Ion 176.00 (175.70 to 176.70): VF061407.D (-1087) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.78 min Scan# 927

Delta R.T. 0.01 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

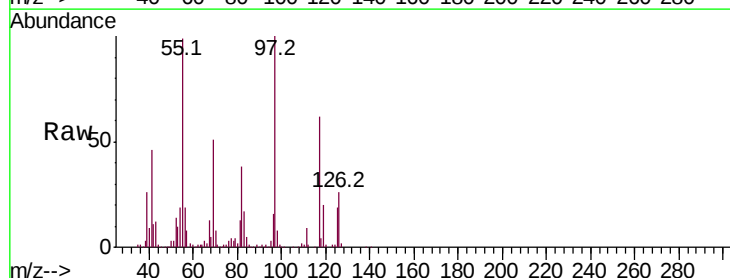
Tgt Ion: 117 Resp: 198779

Ion Ratio Lower Upper

117 100

82 60.2 46.4 69.6

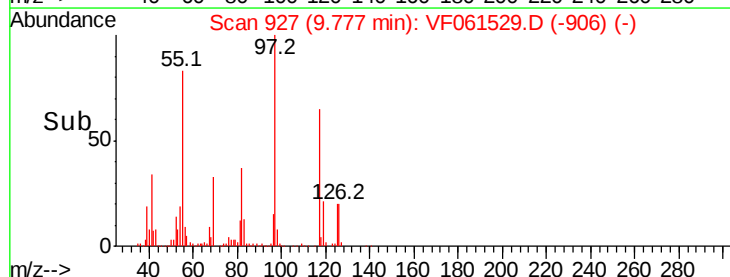
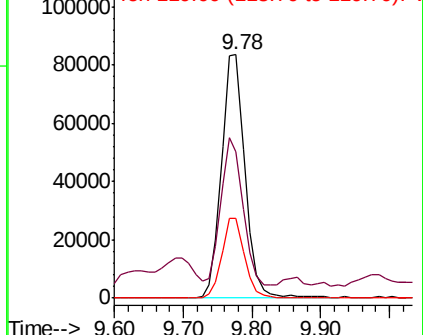
119 32.7 27.2 40.8

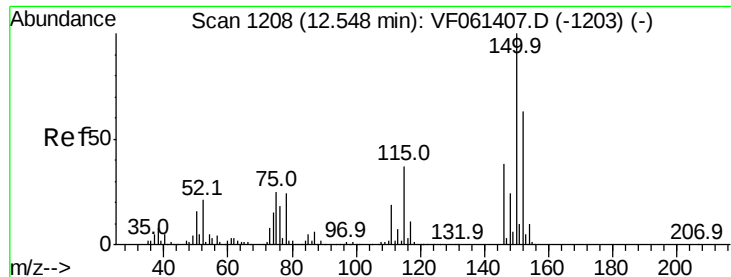


Abundance Ion 117.00 (116.70 to 117.70): VF061407.D (-919) (-)

Ion 82.00 (81.70 to 82.70): VF061407.D (-919) (-)

Ion 119.00 (118.70 to 119.70): VF061407.D (-919) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

Instrument :

MSVOA_F

ClientSampleId :

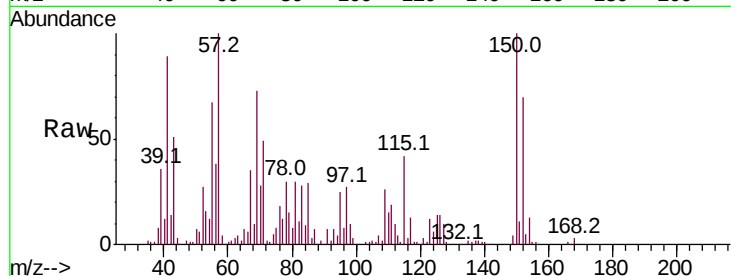
Tot Ion:152 Resp: 76986

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

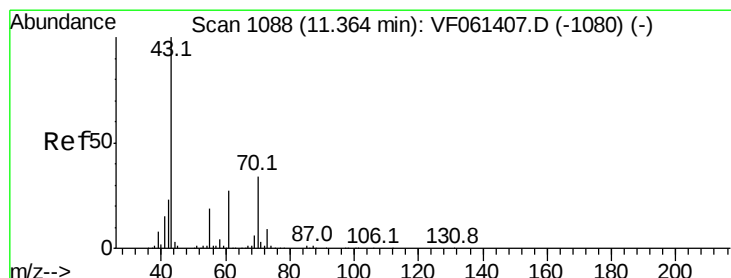
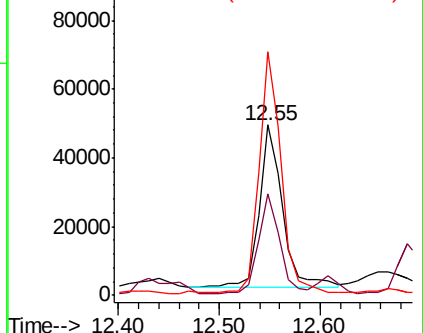
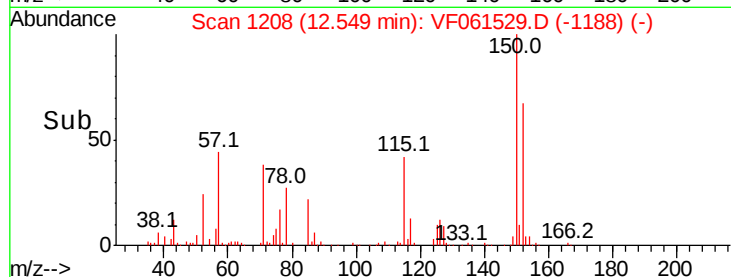
150 143.0 0.0 321.4



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#74

N-ethyl acetate

Concen: 24.100 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. 0.03 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

Tgt Ion: 43 Resp: 35682

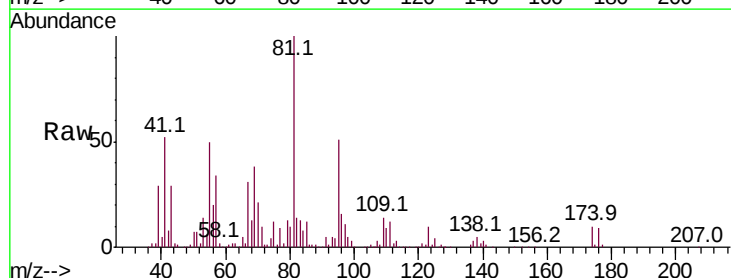
Ion Ratio Lower Upper

43 100

70 72.0 27.6 41.4#

55 171.4 15.4 23.2#

61 4.2 21.8 32.6#

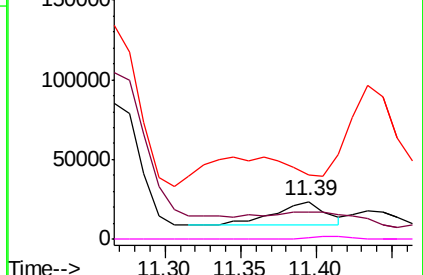
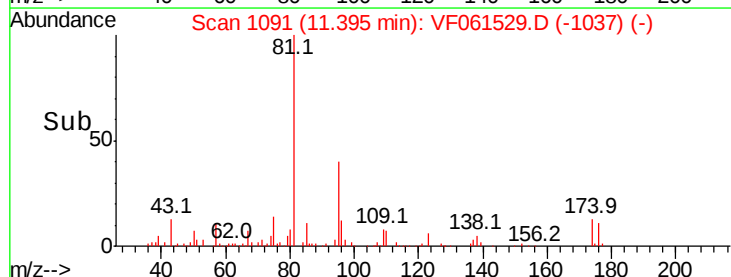


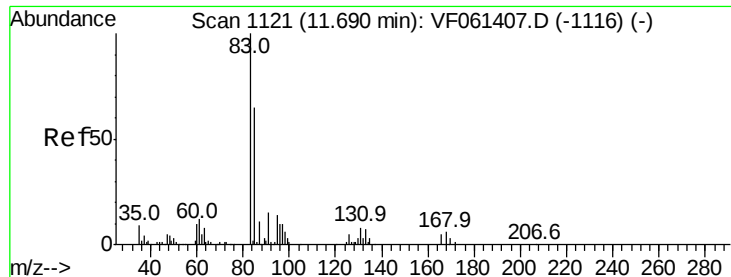
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 72.672 ug/l

RT: 11.67 min Scan# 1119

Delta R.T. -0.02 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

Instrument :

MSVOA_F

ClientSampleId :

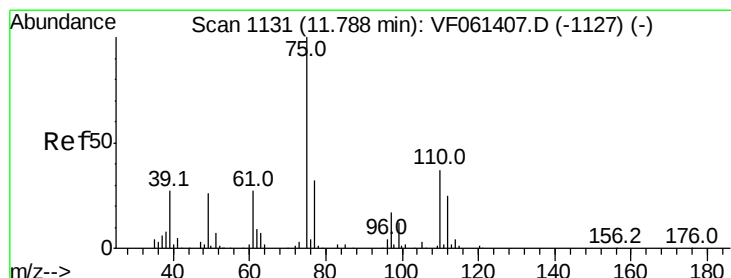
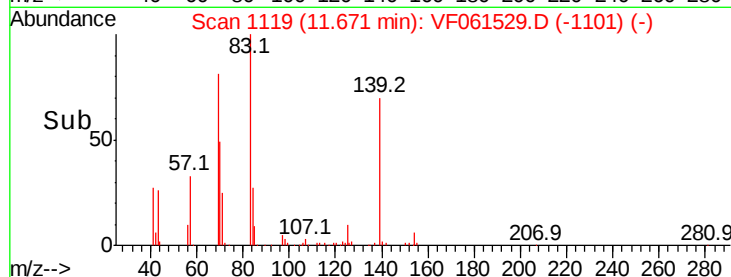
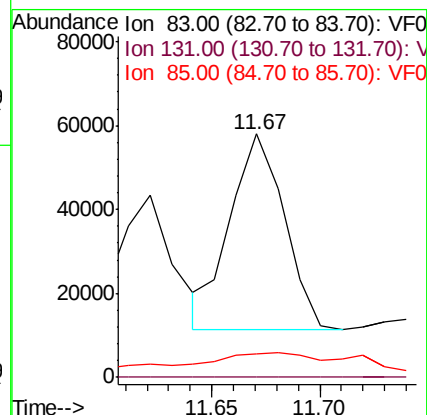
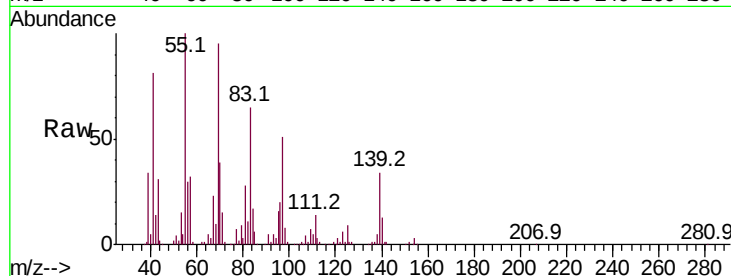
Tot Ion: 83 Resp: 81062

Ion Ratio Lower Upper

83 100

131 0.0 4.0 12.2#

85 9.7 32.7 98.1#



#76

1,2,3-Trichloropropane

Concen: 2.374 ug/l

RT: 11.83 min Scan# 1135

Delta R.T. 0.04 min

Lab File: VF061529.D

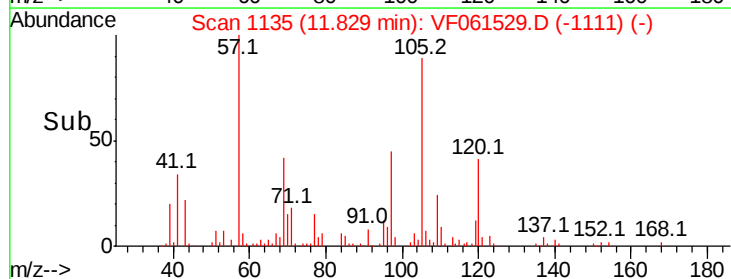
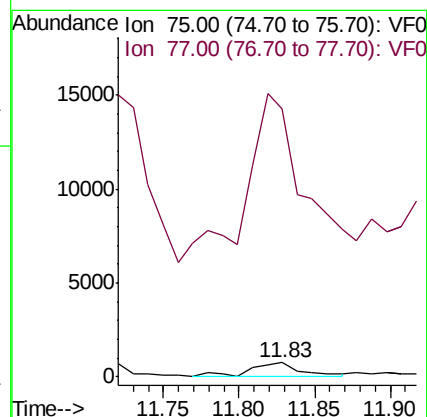
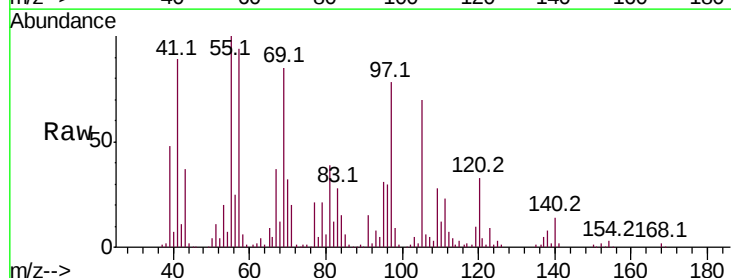
Acq: 25 Jan 2019 19:14

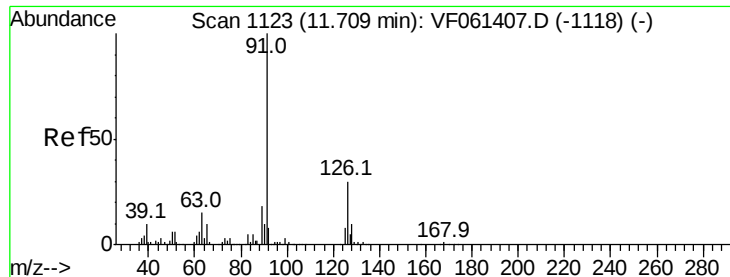
Tgt Ion: 75 Resp: 1903

Ion Ratio Lower Upper

75 100

77 1851.6 16.1 48.3#





#79

2-Chlorotoluene

Concen: 1.370 ug/l

RT: 11.55 min Scan# 1107

Delta R.T. -0.16 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

Instrument :

MSVOA_F

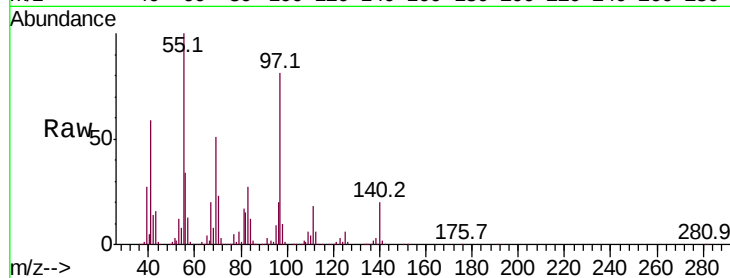
ClientSampleId :

Tot Ion: 91 Resp: 5951

Ion Ratio Lower Upper

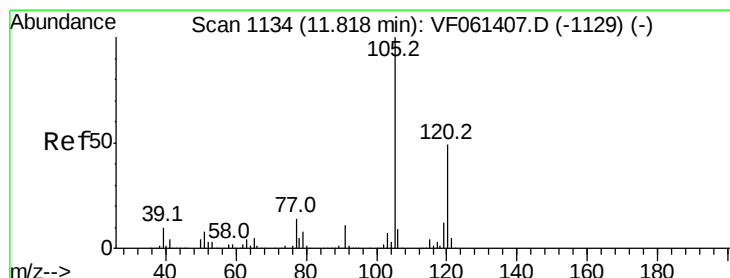
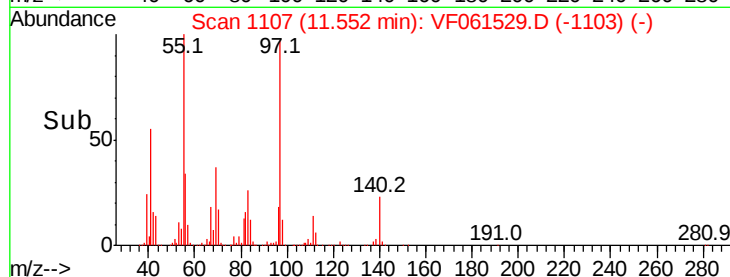
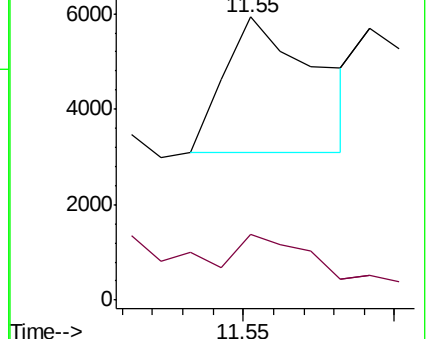
91 100

126 23.1 15.0 45.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 17.615 ug/l

RT: 11.82 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VF061529.D

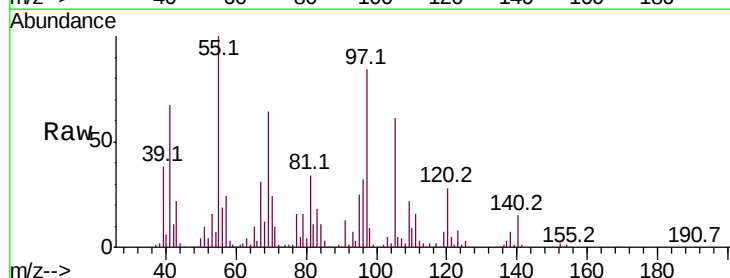
Acq: 25 Jan 2019 19:14

Tgt Ion:105 Resp: 89009

Ion Ratio Lower Upper

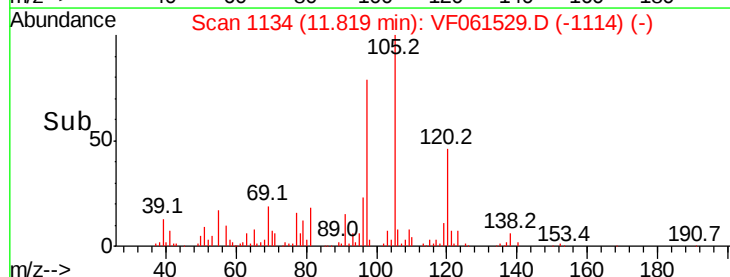
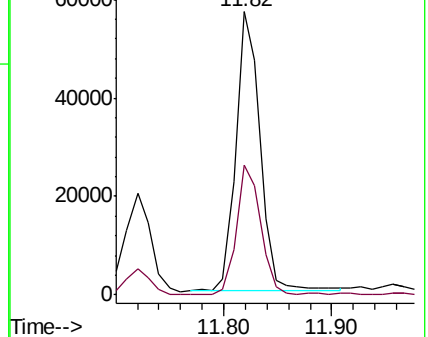
105 100

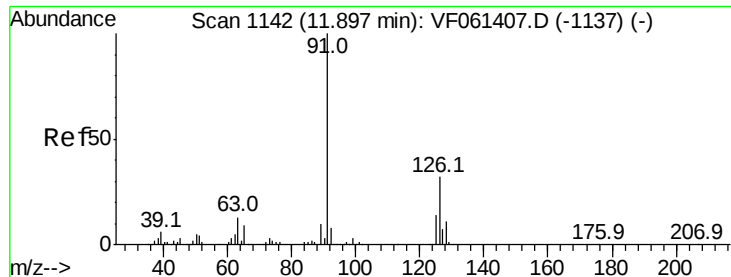
120 45.7 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#82

4-Chlorotoluene

Concen: 5.210 ug/l

RT: 11.96 min Scan# 1148

Delta R.T. 0.06 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

Instrument :

MSVOA_F

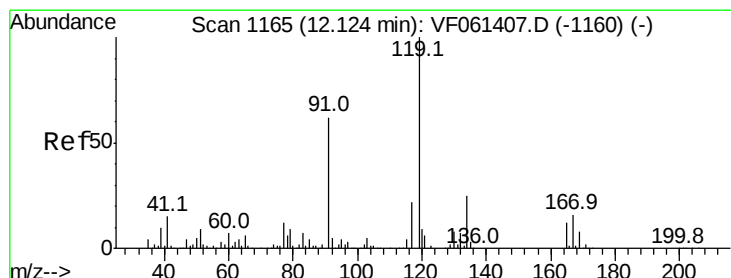
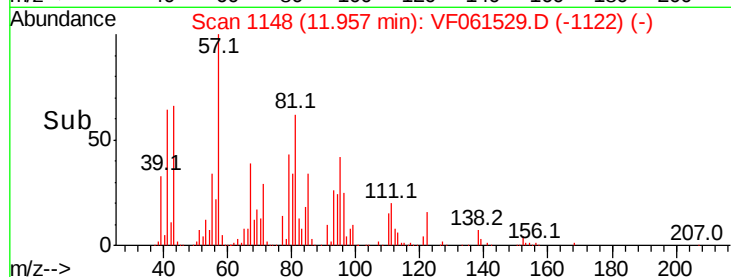
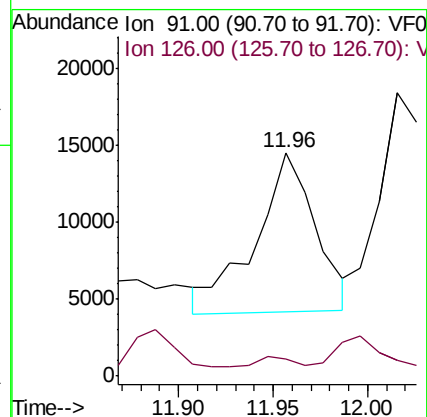
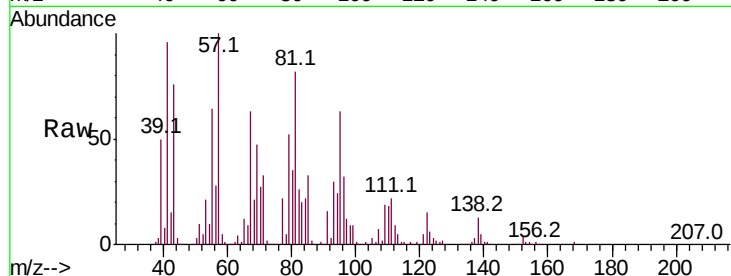
ClientSampleId :

Tot Ion: 91 Resp: 22842

Ion Ratio Lower Upper

91 100

126 7.4 16.0 47.9#



#83

tert-Butylbenzene

Concen: 5.314 ug/l

RT: 12.12 min Scan# 1165

Delta R.T. 0.00 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

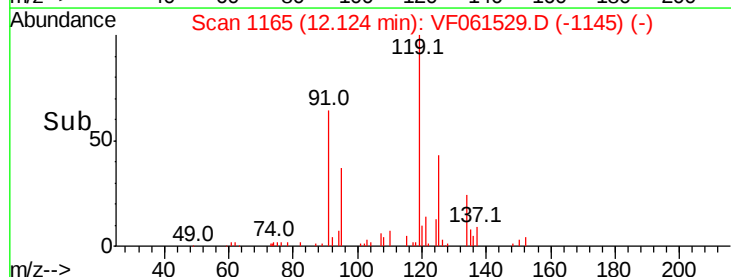
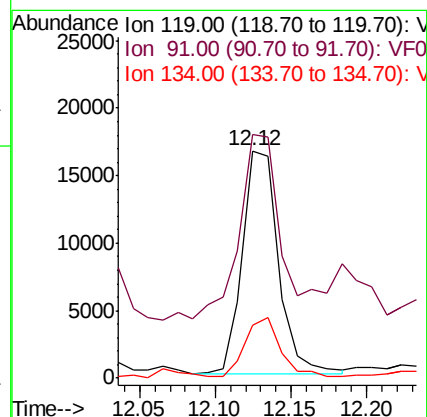
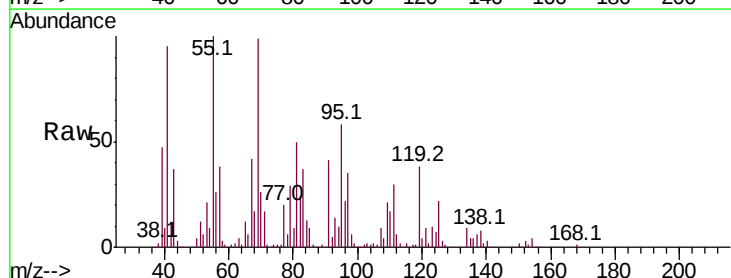
Tgt Ion: 119 Resp: 27792

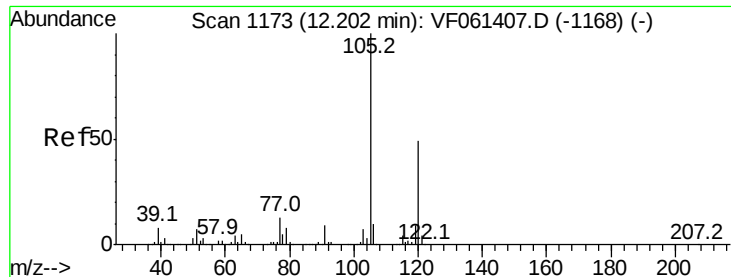
Ion Ratio Lower Upper

119 100

91 107.1 31.3 93.8#

134 23.2 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 1.977 ug/l

RT: 12.30 min Scan# 1183

Delta R.T. 0.10 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

Instrument :

MSVOA_F

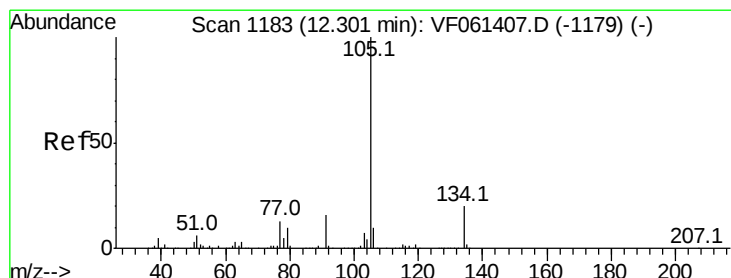
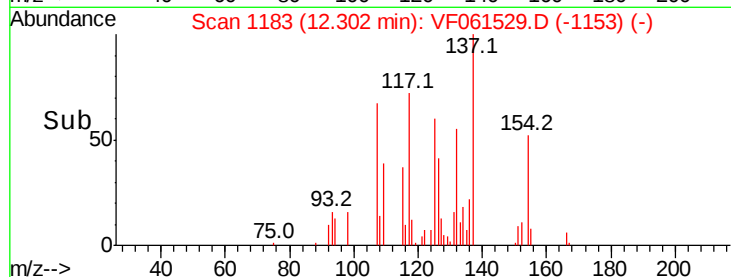
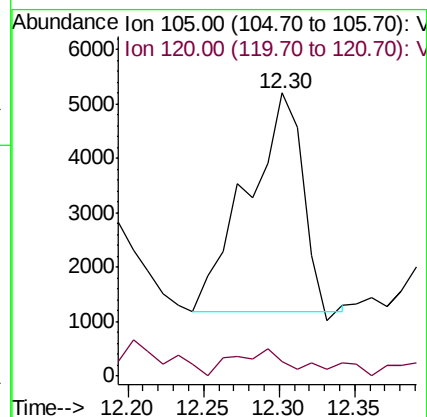
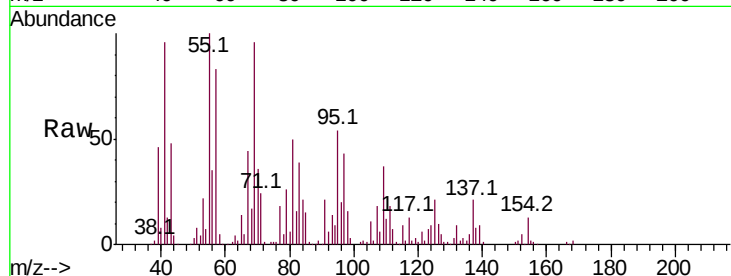
ClientSampleId :

Tot Ion:105 Resp: 10288

Ion Ratio Lower Upper

105 100

120 5.3 24.9 74.6#



#85

sec-Butylbenzene

Concen: 1.449 ug/l

RT: 12.30 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VF061529.D

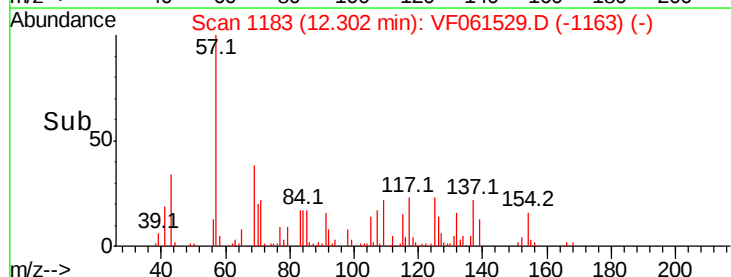
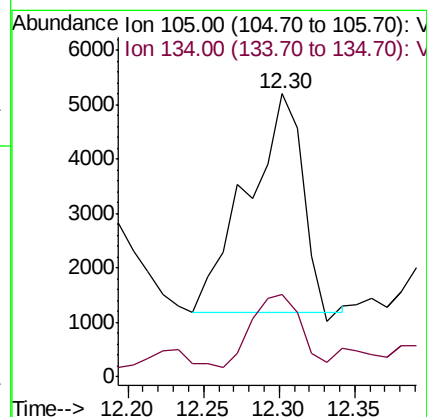
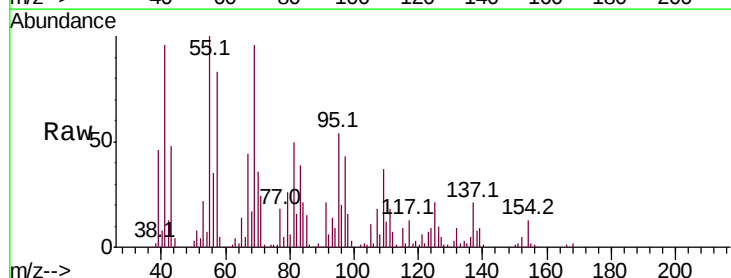
Acq: 25 Jan 2019 19:14

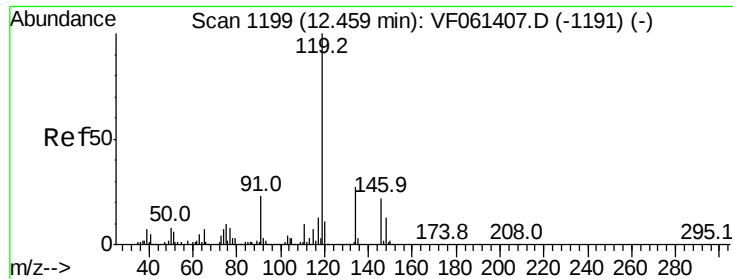
Tgt Ion:105 Resp: 10288

Ion Ratio Lower Upper

105 100

134 28.9 10.0 30.0

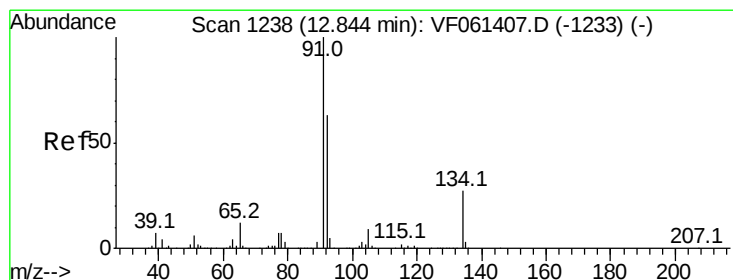
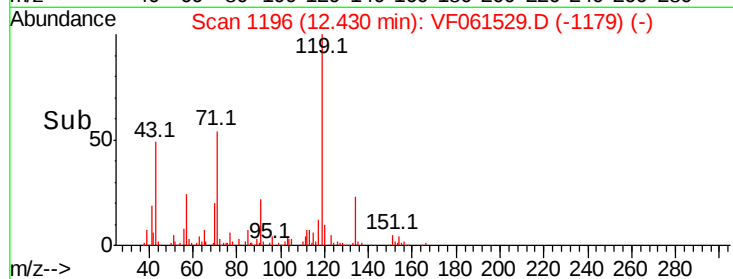
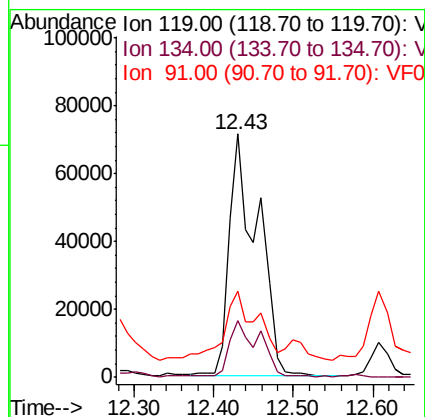
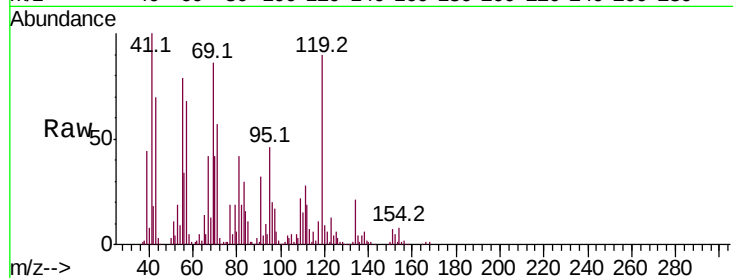




#86
 p-Isopropyltoluene
 Concen: 30.424 ug/l
 RT: 12.43 min Scan# 1196
 Delta R.T. -0.03 min
 Lab File: VF061529.D
 Acq: 25 Jan 2019 19:14

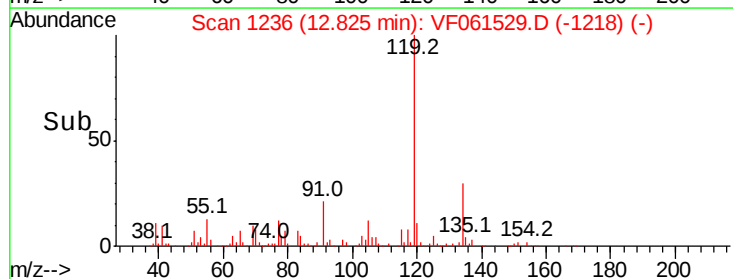
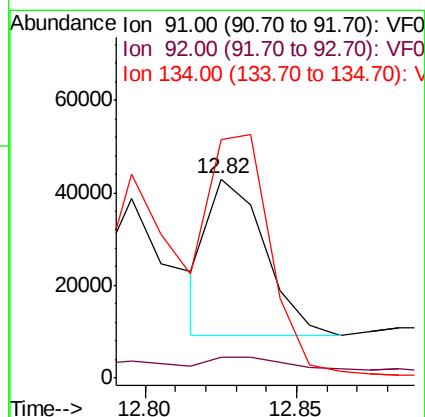
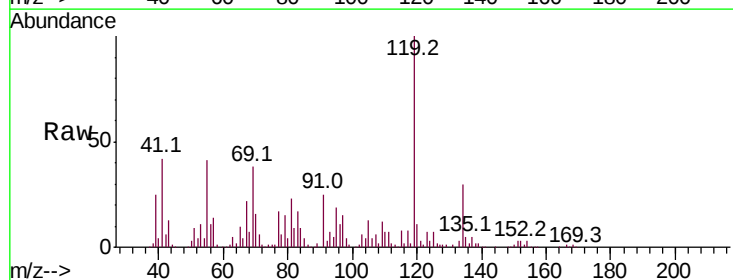
Instrument :
 MSVOA_F
 ClientSampleId :

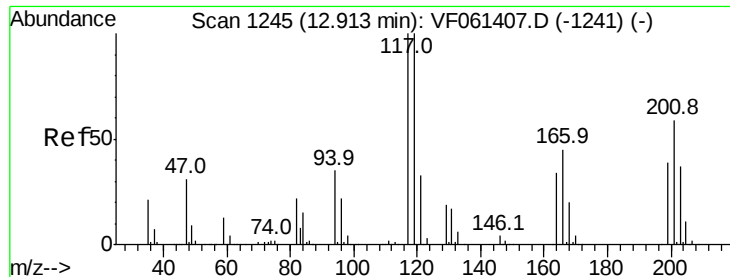
Tot Ion	Ratio	Lower	Upper
119	100		
134	23.5	13.4	40.2
91	35.5	11.4	34.2



#89
 n-Butylbenzene
 Concen: 7.261 ug/l
 RT: 12.82 min Scan# 1236
 Delta R.T. -0.02 min
 Lab File: VF061529.D
 Acq: 25 Jan 2019 19:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	10.5	31.6	94.7
134	119.7	13.6	40.8





#90

Hexachloroethane

Concen: 46.458 ug/l

RT: 12.92 min Scan# 1246

Delta R.T. 0.01 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

Instrument :

MSVOA_F

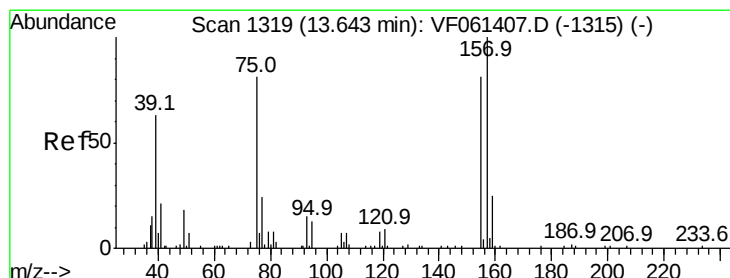
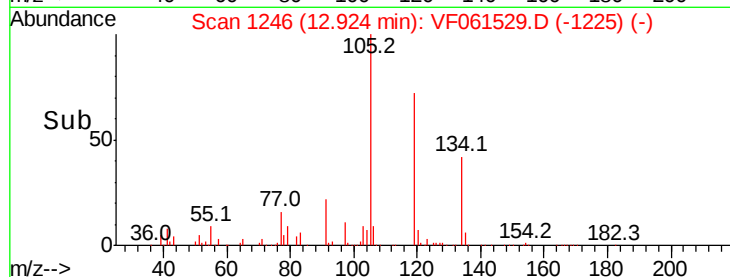
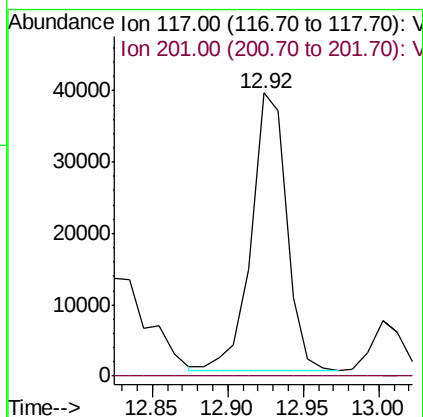
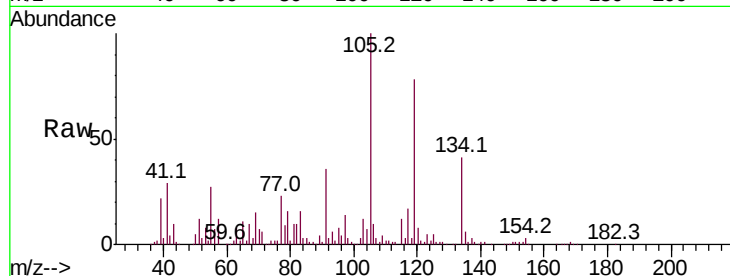
ClientSampleId :

Tot Ion:117 Resp: 63851

Ion Ratio Lower Upper

117 100

201 0.0 29.3 87.8#



#92

1,2-Dibromo-3-Chloropropane

Concen: 27.622 ug/l

RT: 13.64 min Scan# 1319

Delta R.T. 0.00 min

Lab File: VF061529.D

Acq: 25 Jan 2019 19:14

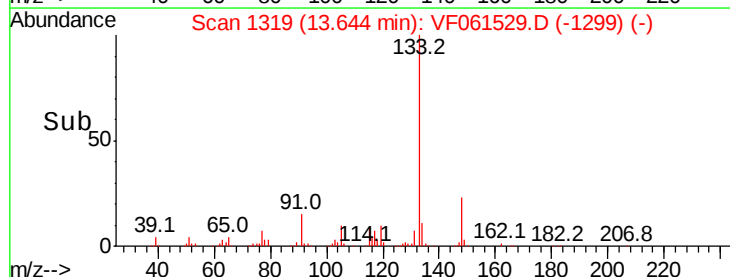
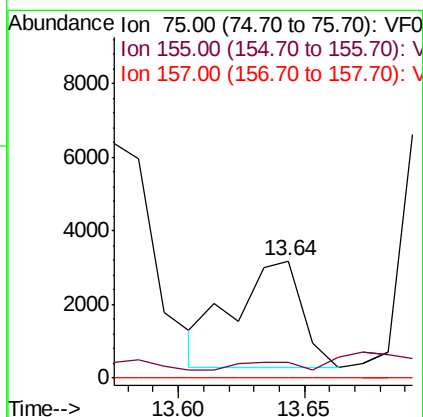
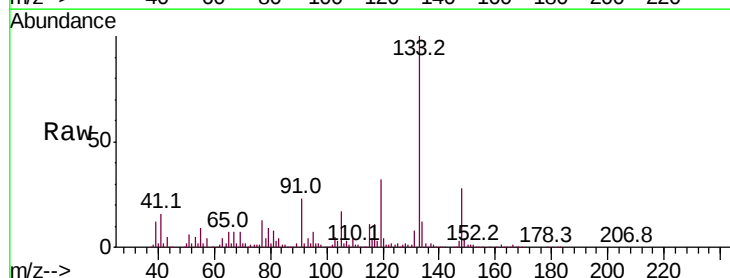
Tgt Ion: 75 Resp: 5465

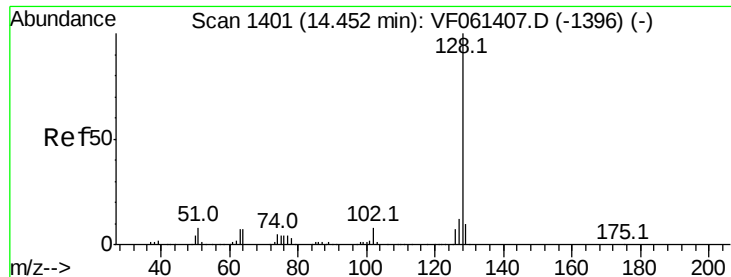
Ion Ratio Lower Upper

75 100

155 14.0 49.7 149.1#

157 0.0 61.4 184.1#





#95
 Naphthalene
 Concen: 7.337 ug/l
 RT: 14.46 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: VF061529.D
 Acq: 25 Jan 2019 19:14

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion:128 Resp: 24155
 Ion Ratio Lower Upper
 128 100
 127 32.8 9.5 14.3#
 129 76.8 8.4 12.6#

