

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012519\
 Data File : VF061528.D
 Acq On : 25 Jan 2019 18:45
 Operator : VA/AP
 Sample : K1015-13
 Misc : 9.88g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jan 28 00:09:48 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	7114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	9277	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	5572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	1022	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.82	65	1106	12.59	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	25.18%	
35) Dibromofluoromethane	4.12	113	1910	26.09	ug/l	0.02
Spiked Amount	50.000		Recovery	=	52.18%	
50) Toluene-d8	7.54	98	7524	37.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.02%	
62) 4-Bromofluorobenzene	11.41	95	1674	17.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.72%	

Target Compounds

						Qvalue
3) Chloromethane	1.09	50	177	1.727	ug/l #	44
5) Bromomethane	1.39	94	1134	19.074	ug/l #	2
8) Diethyl Ether	1.57	74	91	4.007	ug/l	97
11) Tert butyl alcohol	2.40	59	60	16.139	ug/l #	1
13) Acrolein	2.00	56	415	134.575	ug/l #	74
14) Allyl chloride	2.12	41	743	Below Cal	#	74
15) Acrylonitrile	2.92	53	72	7.561	ug/l #	1
16) Acetone	2.22	43	739	41.941	ug/l	98
18) Methyl Acetate	2.33	43	2100	60.097	ug/l #	61
19) Methyl tert-butyl Ether	2.45	73	147	1.036	ug/l #	1
20) Methylene Chloride	2.18	84	500	6.843	ug/l #	66
21) trans-1,2-Dichloroethene	2.28	96	85	1.221	ug/l #	1
23) Vinyl Acetate	3.17	43	323	6.413	ug/l #	78
25) 2-Butanone	4.33	43	70	2.389	ug/l #	57
29) Tetrahydrofuran	4.10	42	224	17.754	ug/l #	68
37) Ethyl Acetate	4.06	43	108	2.512	ug/l #	1
41) Methacrylonitrile	4.71	41	111	4.852	ug/l #	29
43) Isopropyl Acetate	7.00	43	91	1.686	ug/l #	51
48) Methyl methacrylate	6.68	41	244	6.734	ug/l #	54
51) 4-Methyl-2-Pentanone	8.24	43	109	2.748	ug/l #	39
52) Toluene	7.62	92	2246	14.250	ug/l	87
56) Ethyl methacrylate	8.67	69	66	1.267	ug/l #	21
59) 2-Hexanone	9.49	43	60	2.169	ug/l #	26
67) Ethyl Benzene	9.90	91	287	1.386	ug/l #	46
68) m/p-Xylenes	10.12	106	674	9.052	ug/l #	50
69) o-Xylene	10.71	106	157	1.945	ug/l	91
74) N-amyl acetate	11.37	43	211	10.735	ug/l #	47
79) 2-Chlorotoluene	11.60	91	83	1.439	ug/l #	45
80) 1,3,5-Trimethylbenzene	11.70	105	463	6.902	ug/l	82
84) 1,2,4-Trimethylbenzene	12.20	105	572	8.278	ug/l #	1
85) sec-Butylbenzene	12.32	105	194	2.058	ug/l #	56
86) p-Isopropyltoluene	12.43	119	121	1.563	ug/l #	50
87) 1,3-Dichlorobenzene	12.33	146	73	2.271	ug/l #	24
89) n-Butylbenzene	12.83	91	271	3.395	ug/l #	3

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration

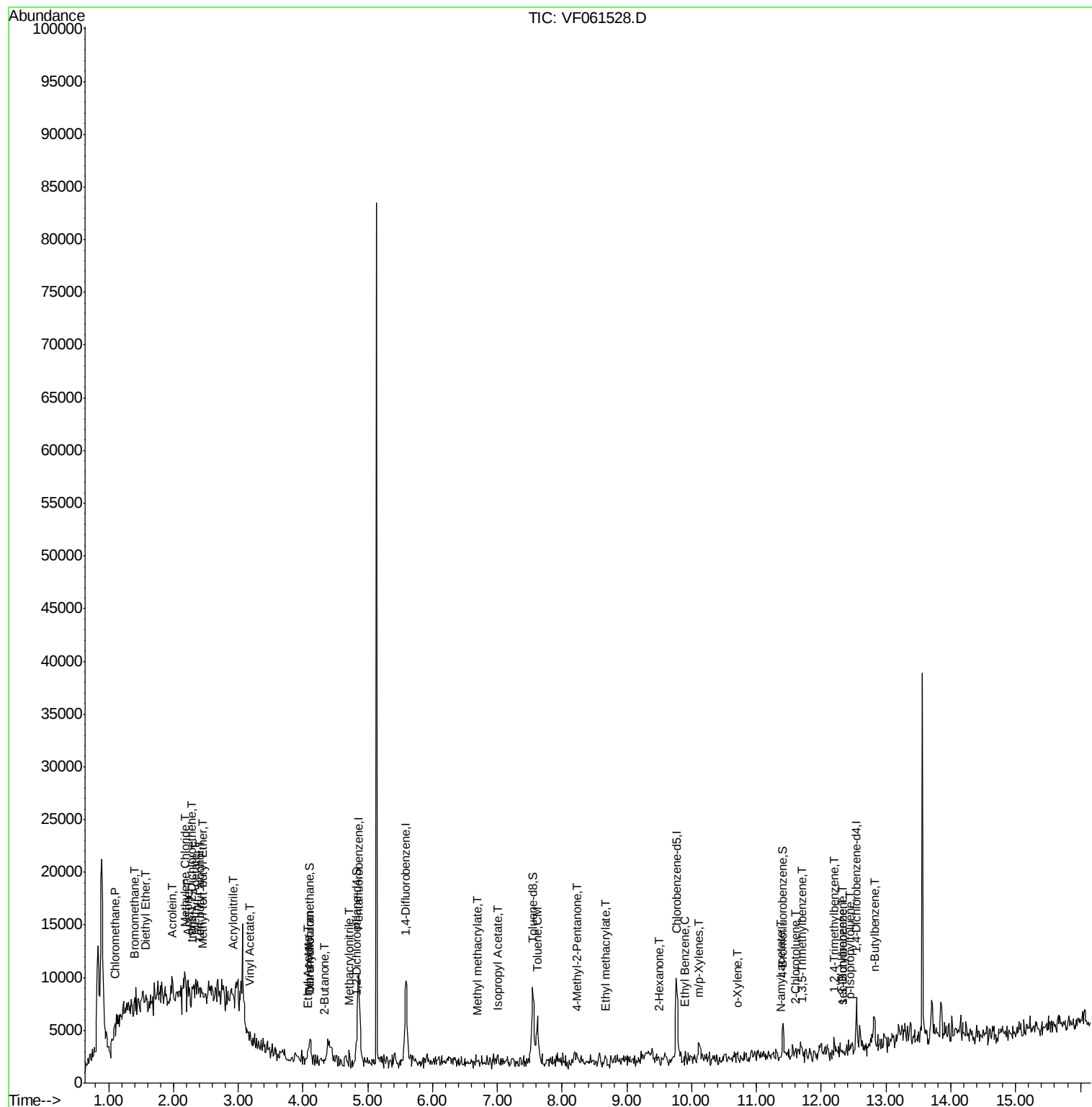
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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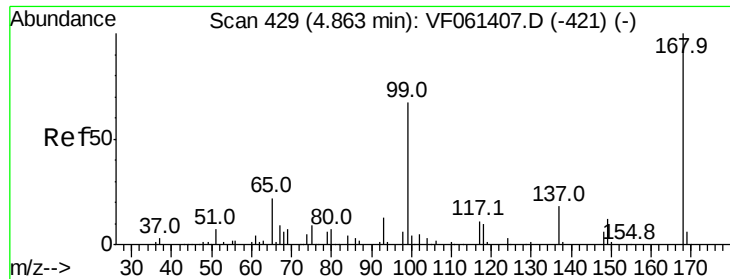
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

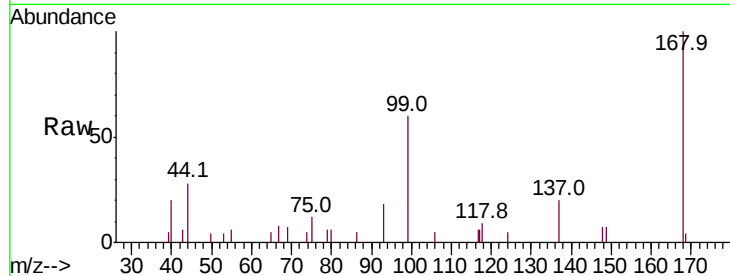
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 7114

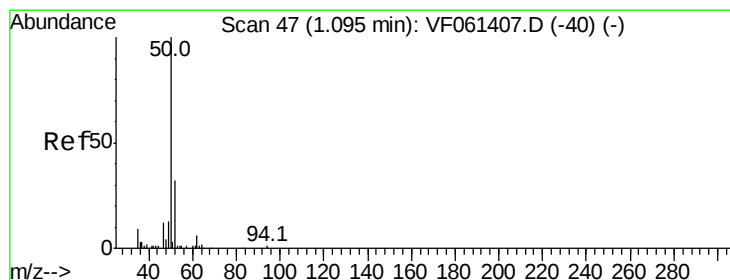
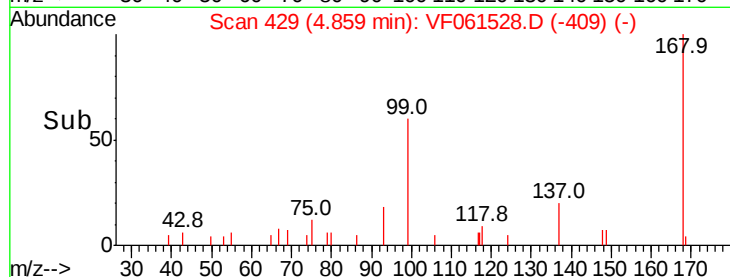
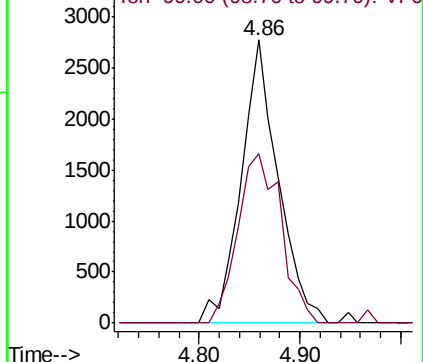
Ion Ratio Lower Upper

168 100

99 59.8 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF061407.D (-421) (-)



#3

Chloromethane

Concen: 1.727 ug/l

RT: 1.09 min Scan# 47

Delta R.T. -0.00 min

Lab File: VF061528.D

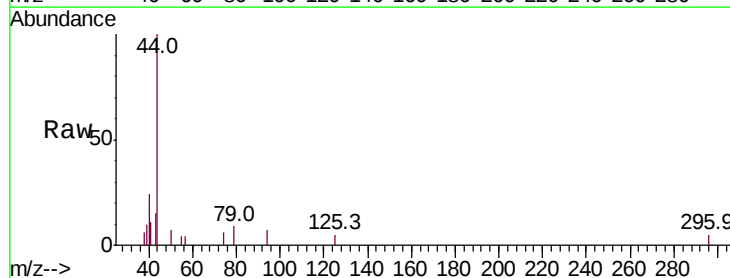
Acq: 25 Jan 2019 18:45

Tgt Ion: 50 Resp: 177

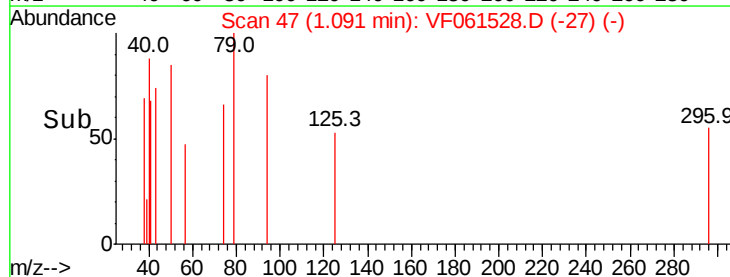
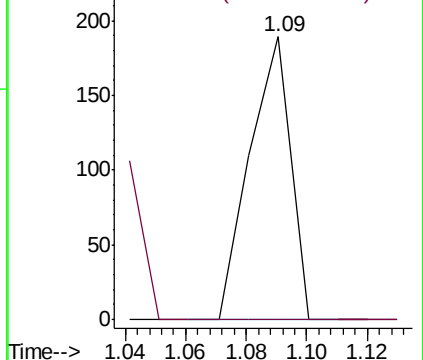
Ion Ratio Lower Upper

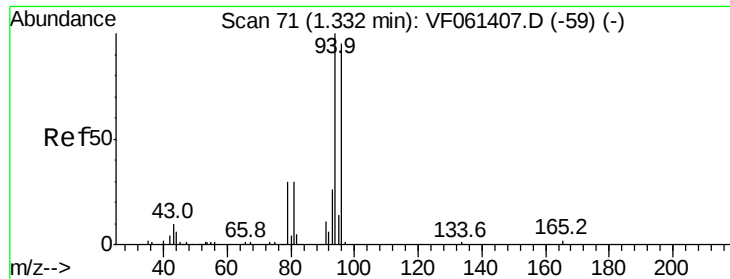
50 100

52 0.0 24.6 36.8#



Abundance Ion 50.00 (49.70 to 50.70): VF061407.D (-40) (-)





#5

Bromomethane

Concen: 19.074 ug/l

RT: 1.39 min Scan# 77

Delta R.T. 0.05 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

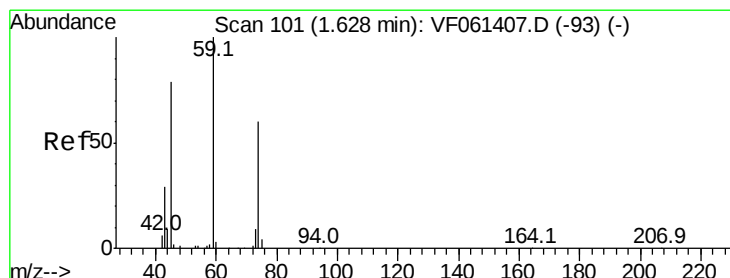
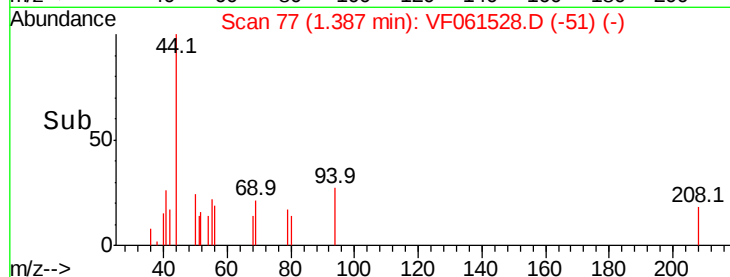
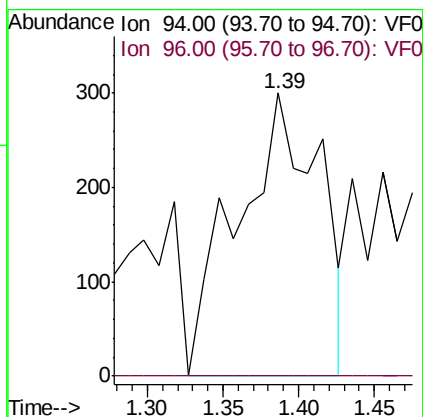
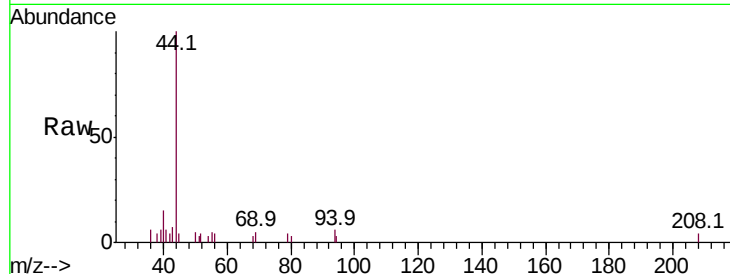
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 94 Resp: 1134

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



#8

Diethyl Ether

Concen: 4.007 ug/l

RT: 1.57 min Scan# 96

Delta R.T. -0.05 min

Lab File: VF061528.D

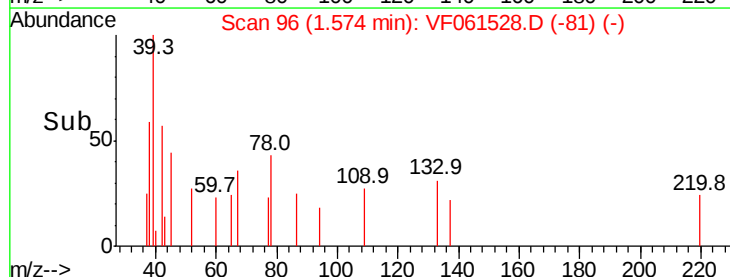
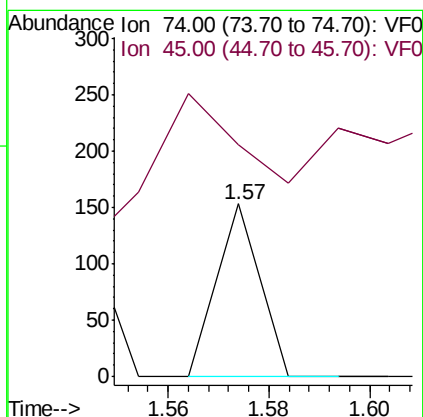
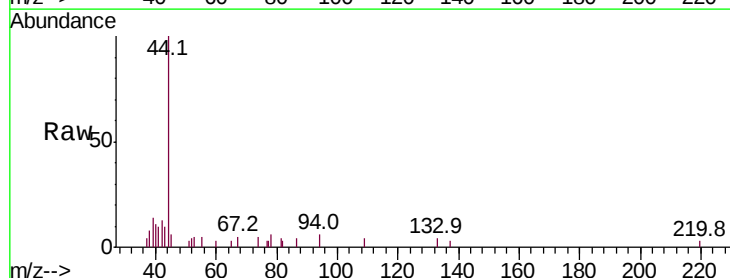
Acq: 25 Jan 2019 18:45

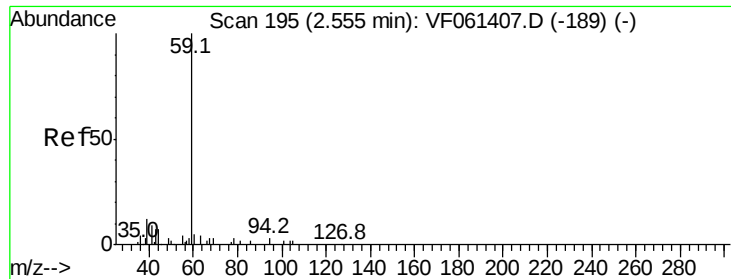
Tgt Ion: 74 Resp: 91

Ion Ratio Lower Upper

74 100

45 134.6 65.8 197.5

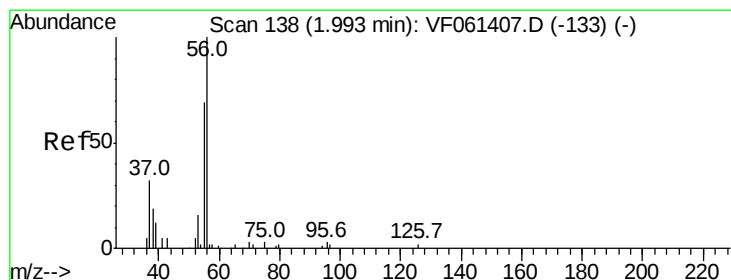
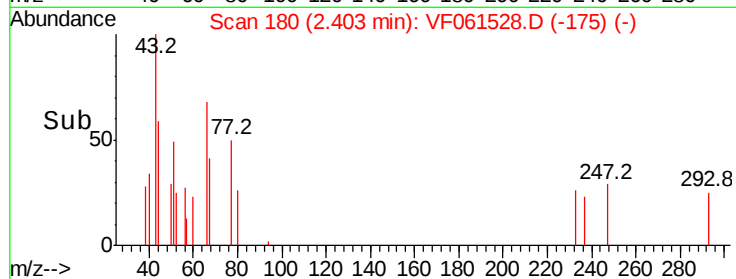
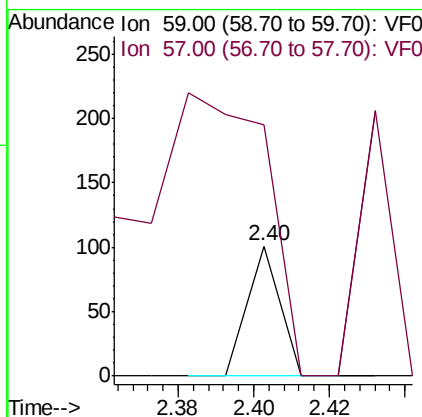
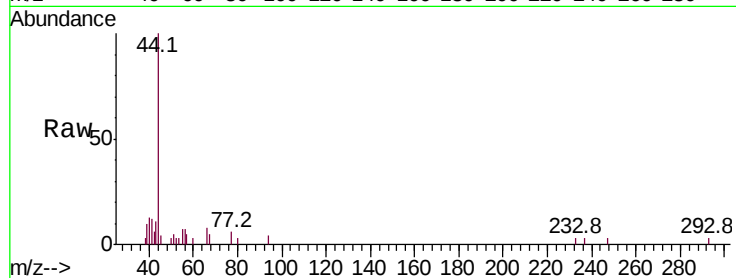




#11
Tert butyl alcohol
Concen: 16.139 ug/l
RT: 2.40 min Scan# 180
Delta R.T. -0.15 min
Lab File: VF061528.D
Acq: 25 Jan 2019 18:45

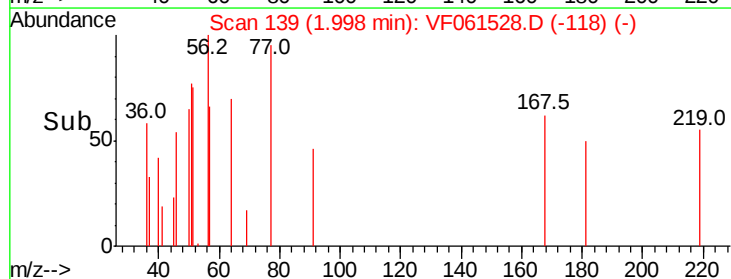
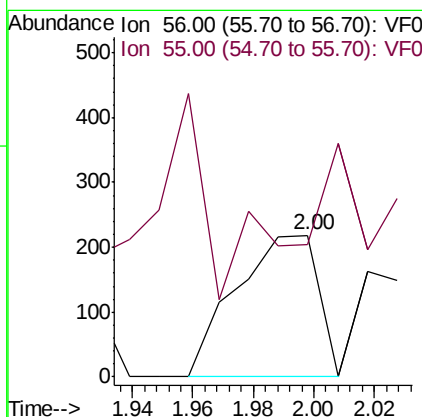
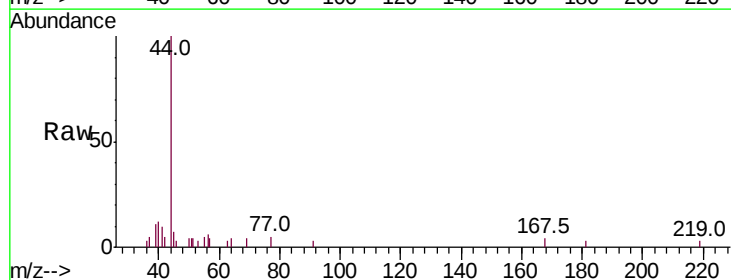
Instrument :
MSVOA_F
ClientSampleId :

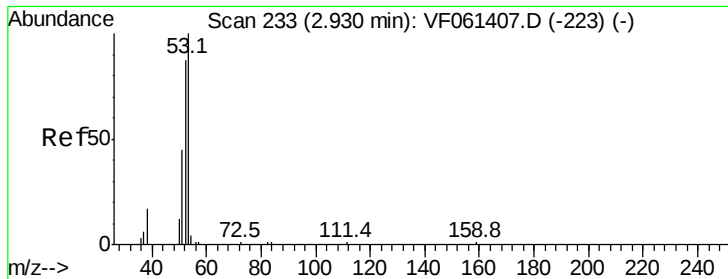
Tot Ion: 59 Resp: 60
Ion Ratio Lower Upper
59 100
57 193.1 11.9 17.9#



#13
Acrolein
Concen: 134.575 ug/l
RT: 2.00 min Scan# 139
Delta R.T. 0.01 min
Lab File: VF061528.D
Acq: 25 Jan 2019 18:45

Tgt Ion: 56 Resp: 415
Ion Ratio Lower Upper
56 100
55 93.2 57.5 86.3#





#15

Acrylonitrile

Concen: 7.561 ug/l

RT: 2.92 min Scan# 232

Delta R.T. -0.01 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Instrument :

MSVOA_F

ClientSampleId :

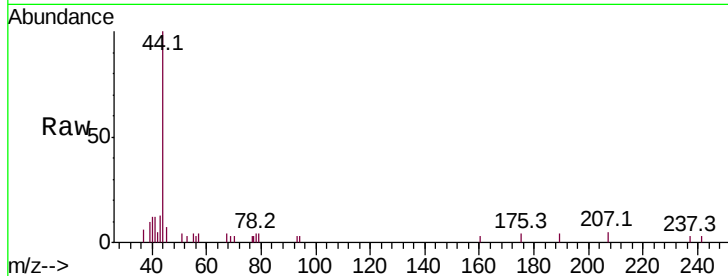
Tot Ion: 53 Resp: 72

Ion Ratio Lower Upper

53 100

52 0.0 69.6 104.4#

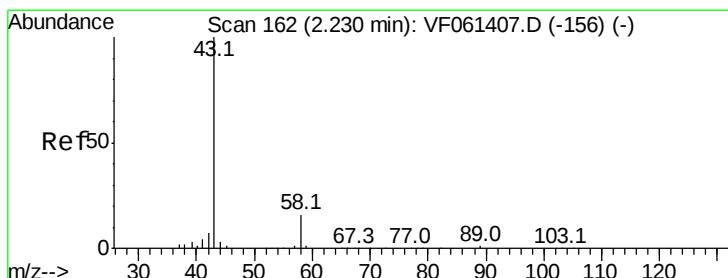
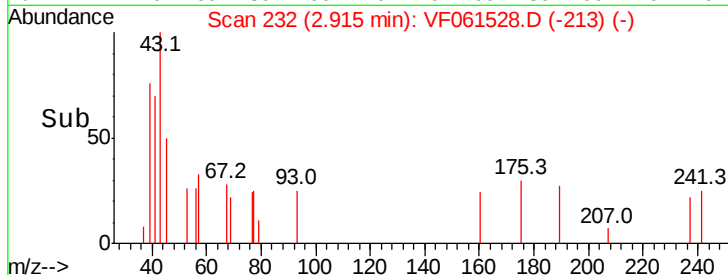
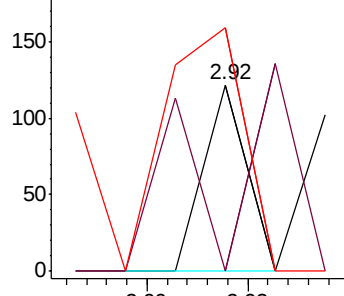
51 130.3 36.8 55.2#



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: 41.941 ug/l

RT: 2.22 min Scan# 161

Delta R.T. -0.01 min

Lab File: VF061528.D

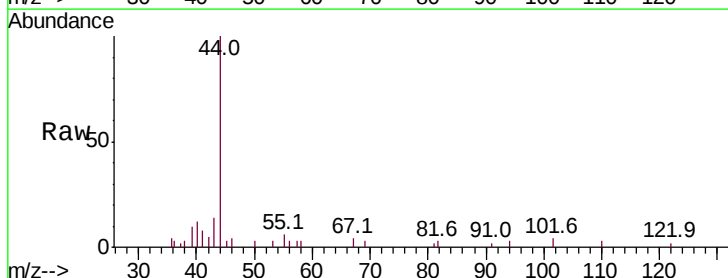
Acq: 25 Jan 2019 18:45

Tgt Ion: 43 Resp: 739

Ion Ratio Lower Upper

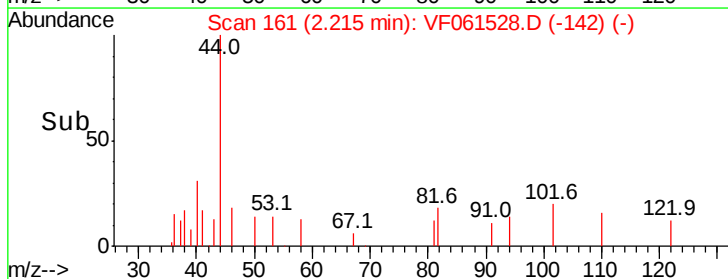
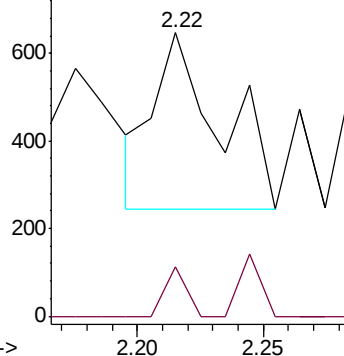
43 100

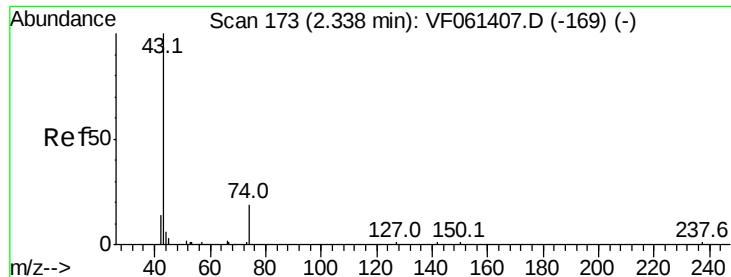
58 17.5 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

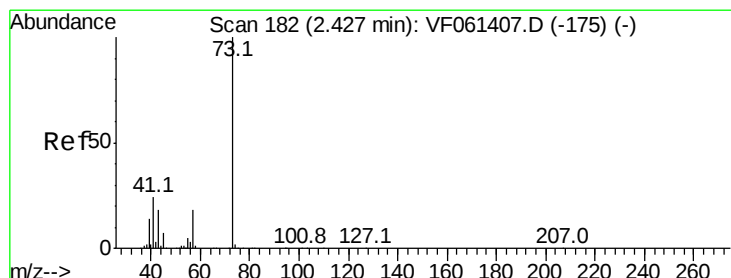
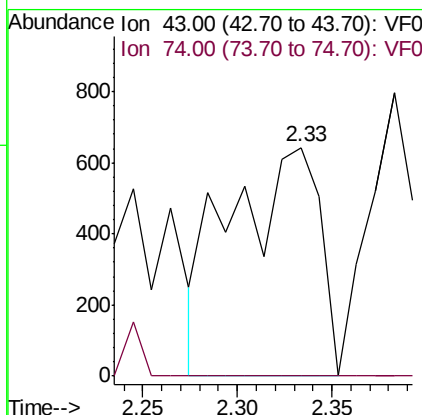
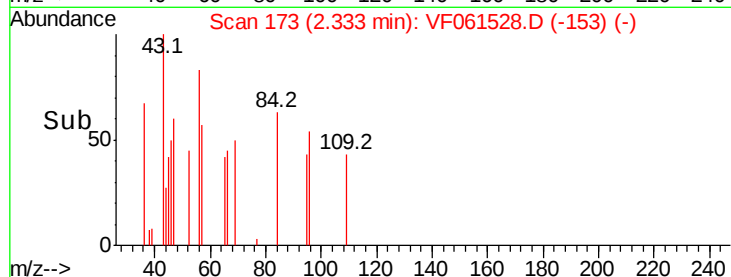
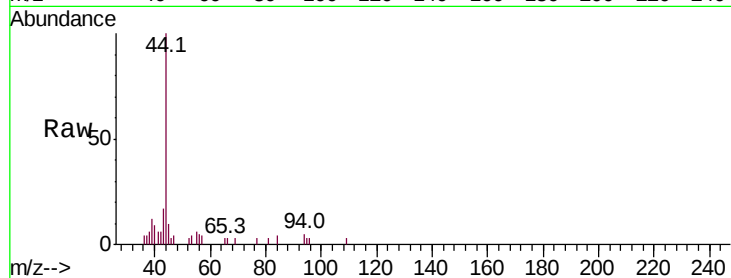




#18
Methyl Acetate
Concen: 60.097 ug/l
RT: 2.33 min Scan# 173
Delta R.T. -0.00 min
Lab File: VF061528.D
Acq: 25 Jan 2019 18:45

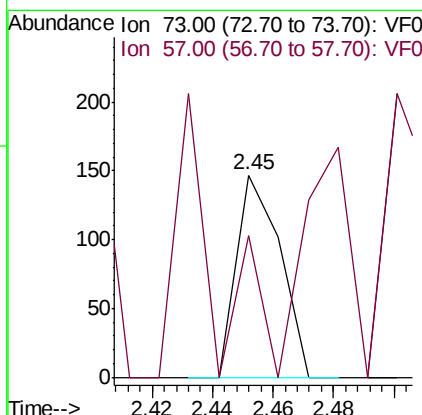
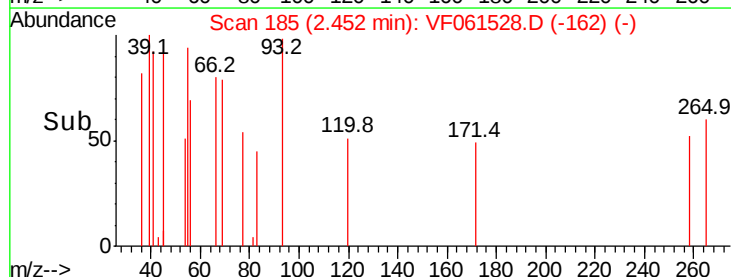
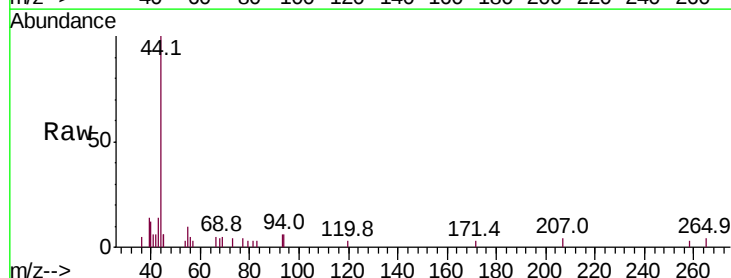
Instrument :
MSVOA_F
ClientSampled :

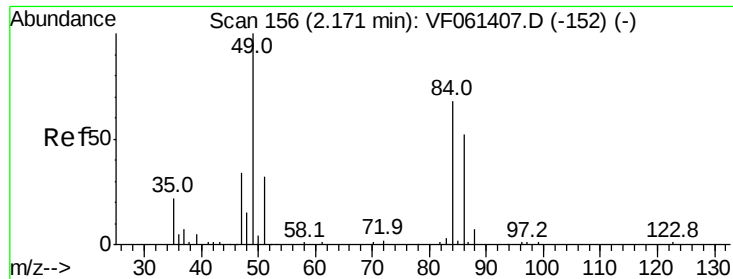
Tot Ion: 43 Resp: 2100
Ion Ratio Lower Upper
43 100
74 0.0 13.4 20.0#



#19
Methyl tert-butyl Ether
Concen: 1.036 ug/l
RT: 2.45 min Scan# 185
Delta R.T. 0.02 min
Lab File: VF061528.D
Acq: 25 Jan 2019 18:45

Tgt Ion: 73 Resp: 147
Ion Ratio Lower Upper
73 100
57 70.1 14.8 22.2#





#20

Methylene Chloride

Concen: 6.843 ug/l

RT: 2.18 min Scan# 157

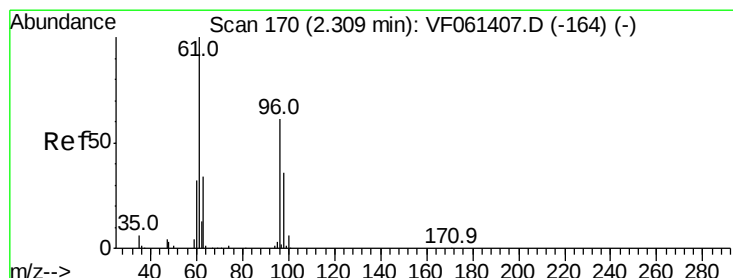
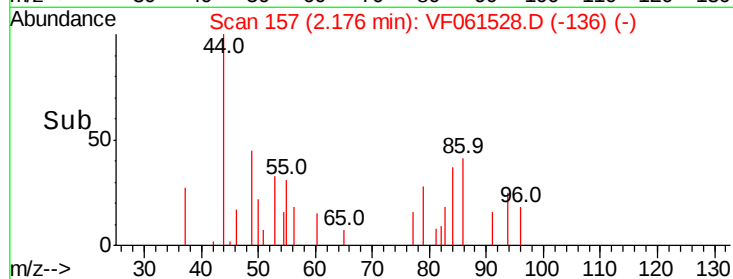
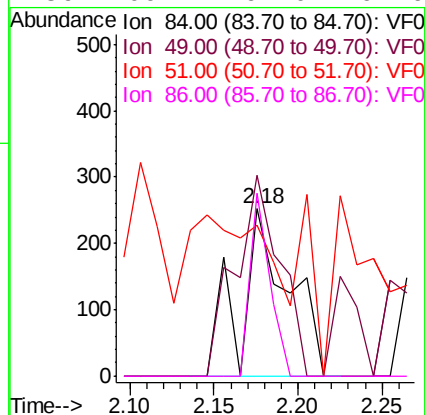
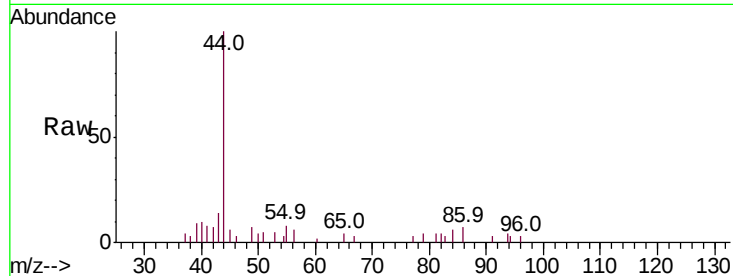
Delta R.T. 0.01 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	84	Resp:	500
Ion	Ratio	Lower	Upper
84	100		
49	120.2	120.0	180.0
51	90.5	38.6	58.0#
86	109.1	61.0	91.6#



#21

trans-1,2-Dichloroethene

Concen: 1.221 ug/l

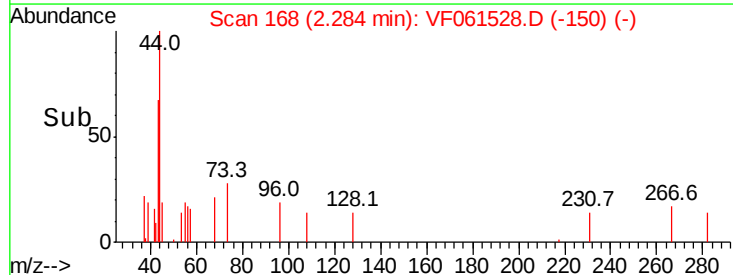
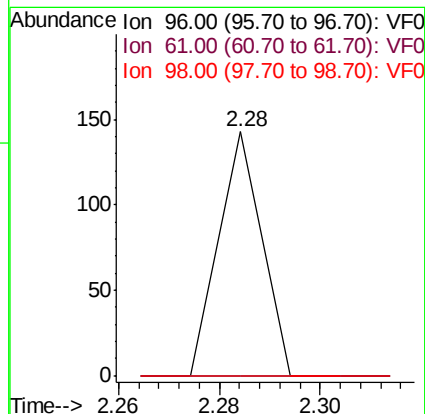
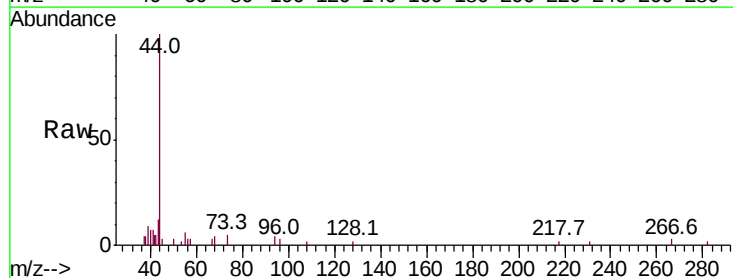
RT: 2.28 min Scan# 168

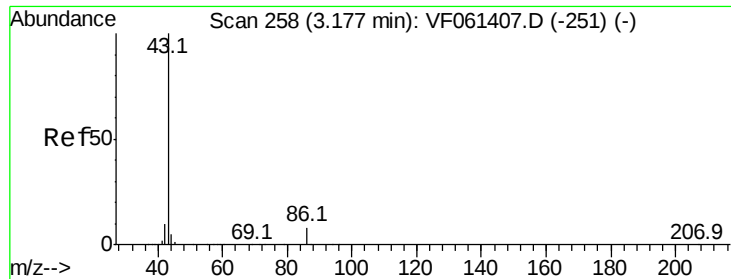
Delta R.T. -0.02 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Tgt Ion:	96	Resp:	85
Ion	Ratio	Lower	Upper
96	100		
61	0.0	131.8	197.8#
98	0.0	47.4	71.0#

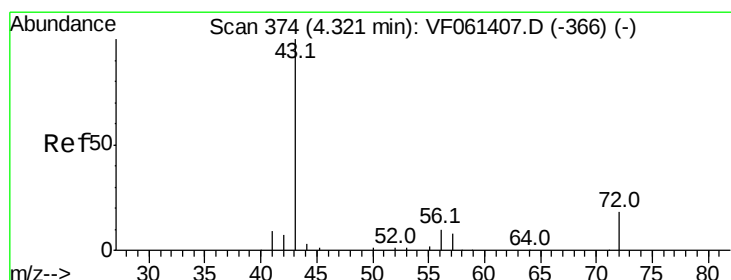
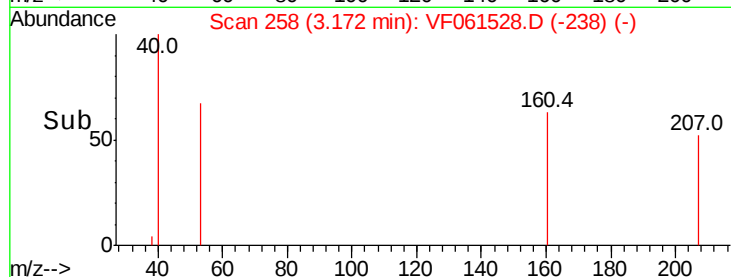
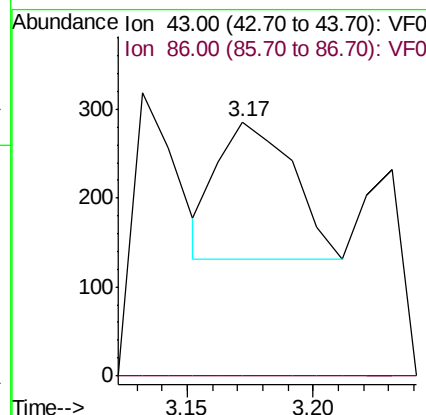
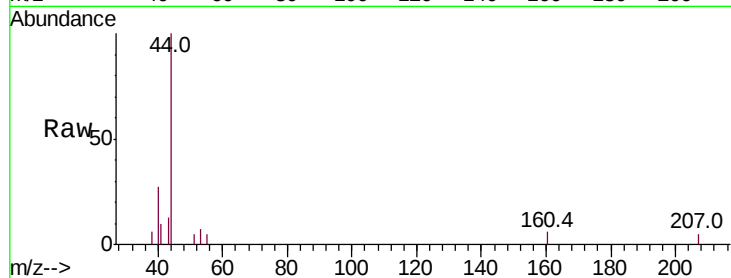




#23
 Vinyl Acetate
 Concen: 6.413 ug/l
 RT: 3.17 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VF061528.D
 Acq: 25 Jan 2019 18:45

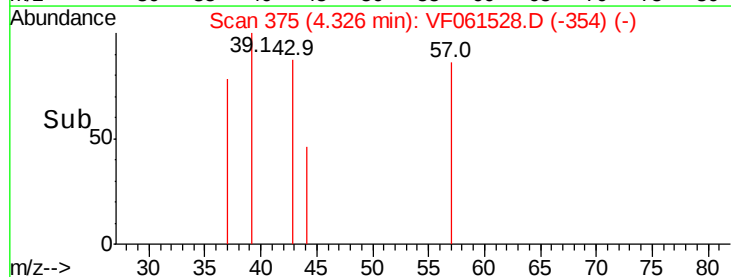
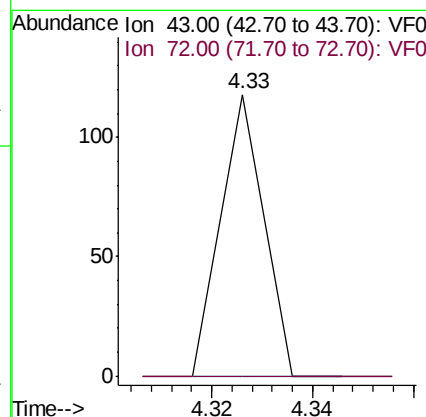
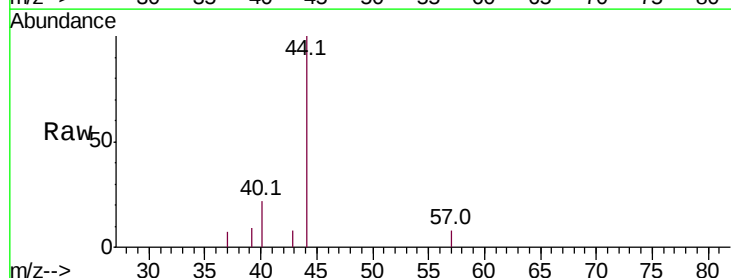
Instrument :
 MSVOA_F
 ClientSampleId :

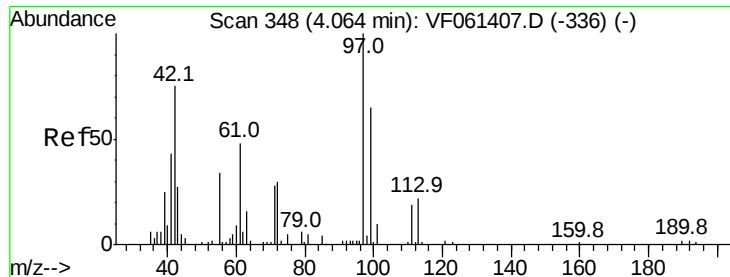
Tot Ion: 43 Resp: 323
 Ion Ratio Lower Upper
 43 100
 86 0.0 6.2 9.4#



#25
 2-Butanone
 Concen: 2.389 ug/l
 RT: 4.33 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: VF061528.D
 Acq: 25 Jan 2019 18:45

Tgt Ion: 43 Resp: 70
 Ion Ratio Lower Upper
 43 100
 72 0.0 15.8 23.6#





#29

Tetrahydrofuran

Concen: 17.754 ug/l

RT: 4.10 min Scan# 352

Delta R.T. 0.03 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Instrument :

MSVOA_F

ClientSampled :

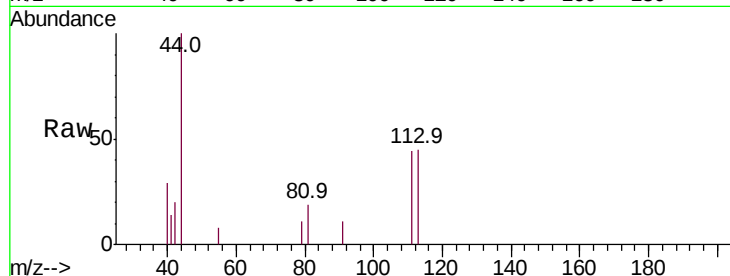
Tot Ion: 42 Resp: 224

Ion Ratio Lower Upper

42 100

72 0.0 28.9 43.3#

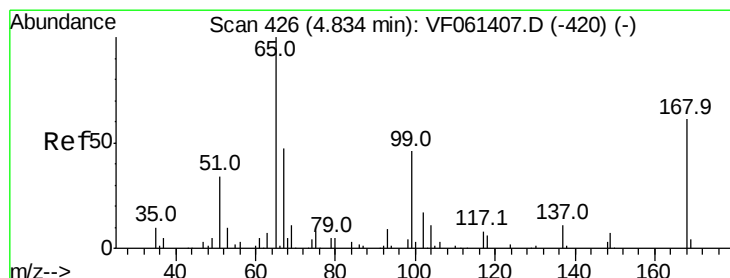
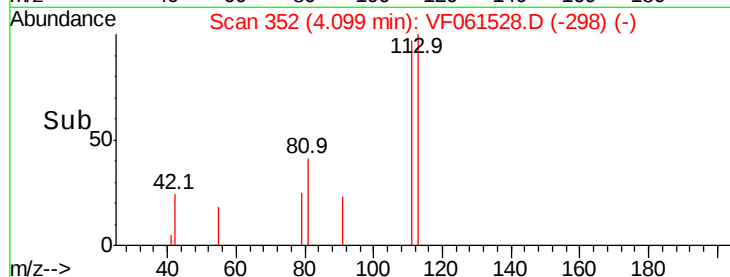
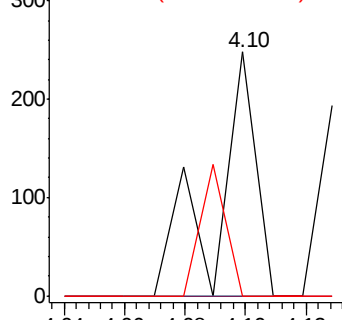
71 35.3 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 12.592 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.01 min

Lab File: VF061528.D

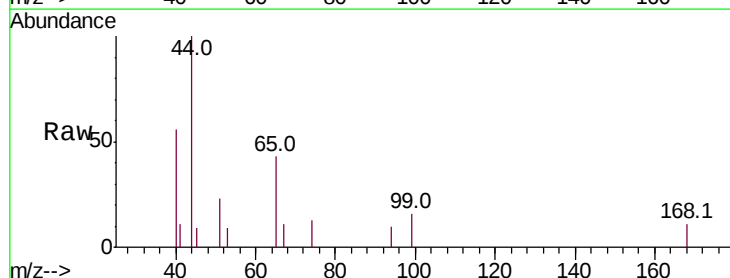
Acq: 25 Jan 2019 18:45

Tgt Ion: 65 Resp: 1106

Ion Ratio Lower Upper

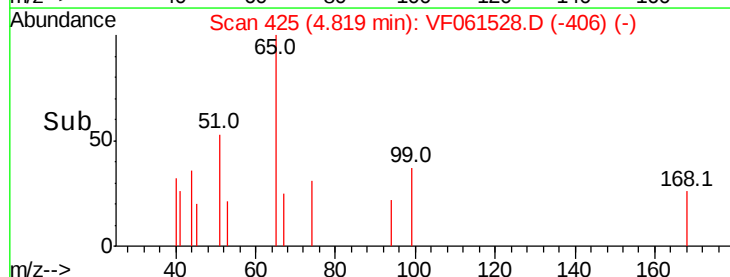
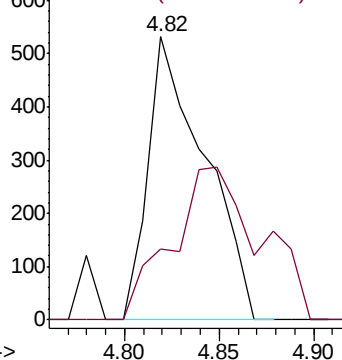
65 100

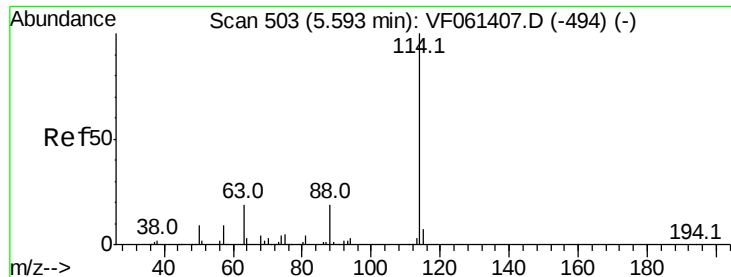
67 24.8 0.0 99.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.00 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Instrument :

MSVOA_F

ClientSampleId :

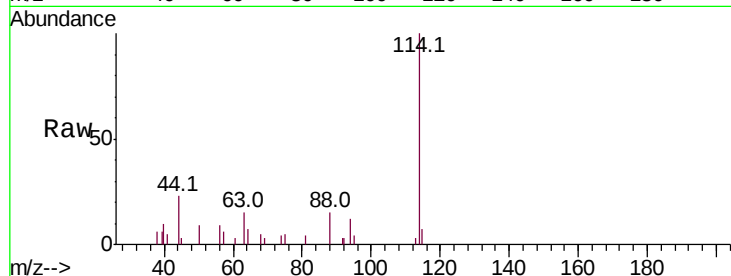
Tot Ion:114 Resp: 9277

Ion Ratio Lower Upper

114 100

63 15.3 0.0 39.0

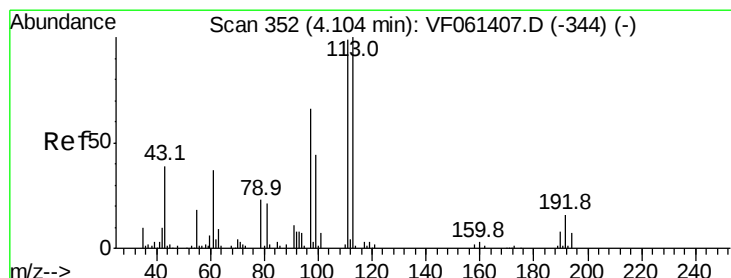
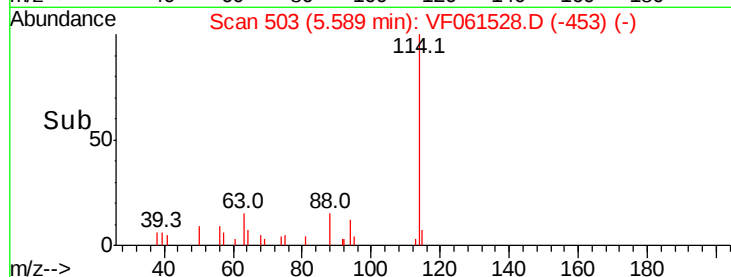
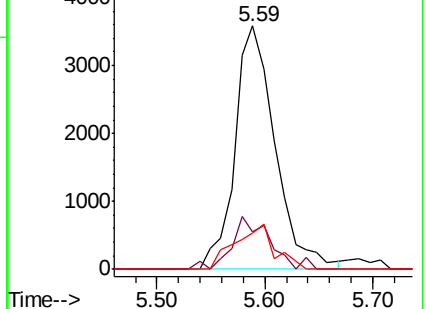
88 15.0 0.0 37.4



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: 26.092 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.02 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

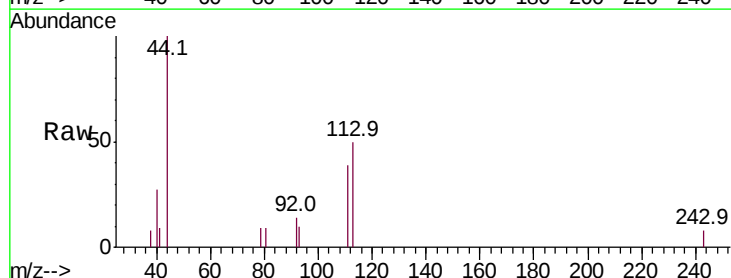
Tgt Ion:113 Resp: 1910

Ion Ratio Lower Upper

113 100

111 78.2 79.4 119.0#

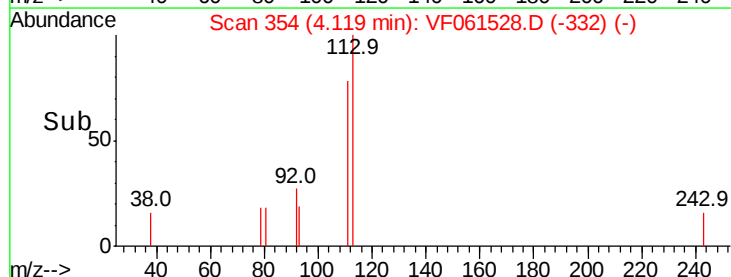
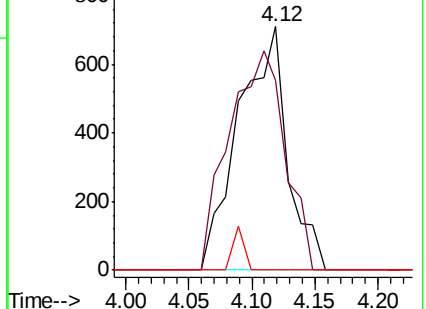
192 0.0 12.4 18.6#

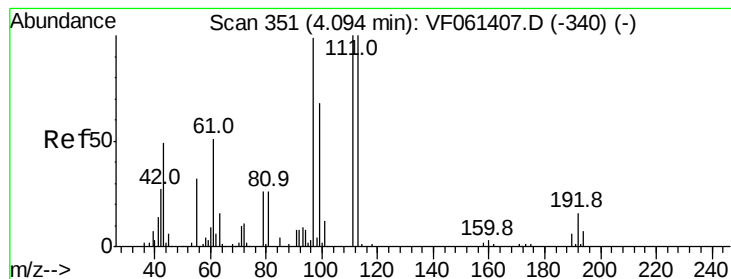


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#37

Ethyl Acetate

Concen: 2.512 ug/l

RT: 4.06 min Scan# 348

Delta R.T. -0.03 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Instrument :

MSVOA_F

ClientSampleId :

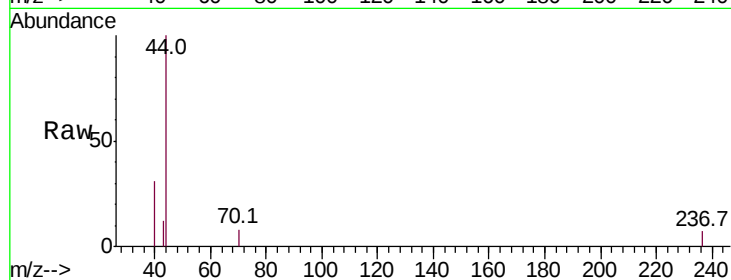
Tot Ion: 43 Resp: 108

Ion Ratio Lower Upper

43 100

61 0.0 81.7 122.5#

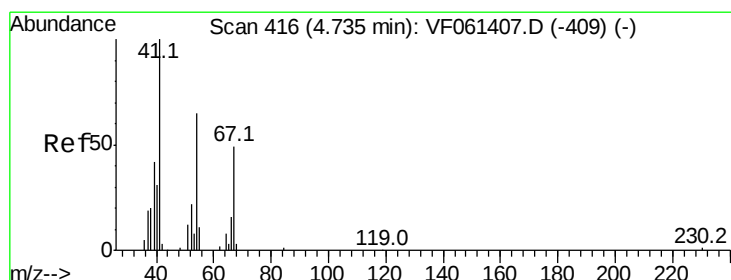
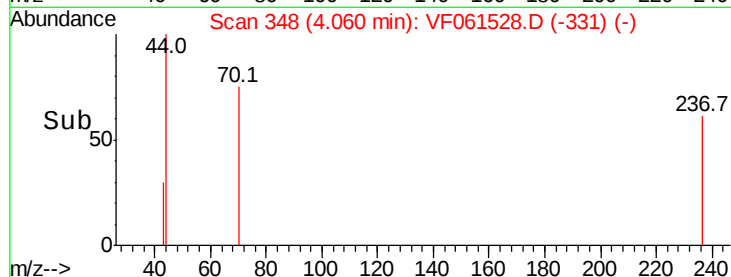
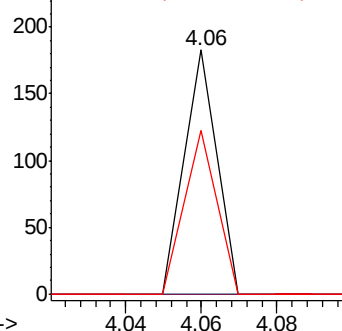
70 67.2 6.2 9.2#



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



#41

Methacrylonitrile

Concen: 4.852 ug/l

RT: 4.71 min Scan# 414

Delta R.T. -0.02 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Tgt Ion: 41 Resp: 111

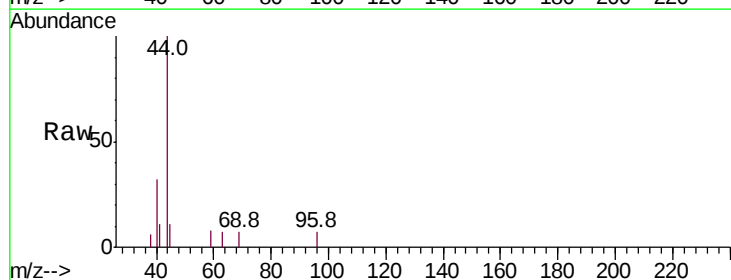
Ion Ratio Lower Upper

41 100

39 0.0 43.1 64.7#

67 0.0 38.8 58.2#

52 0.0 33.2 49.8#

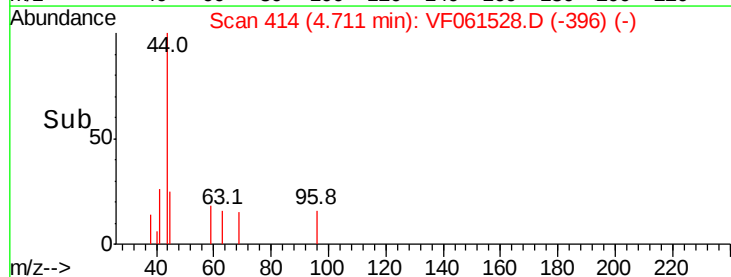
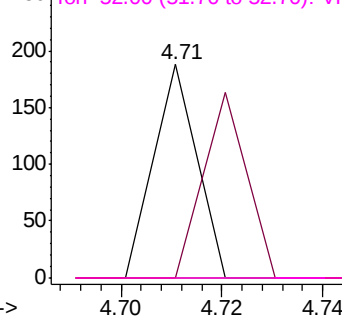


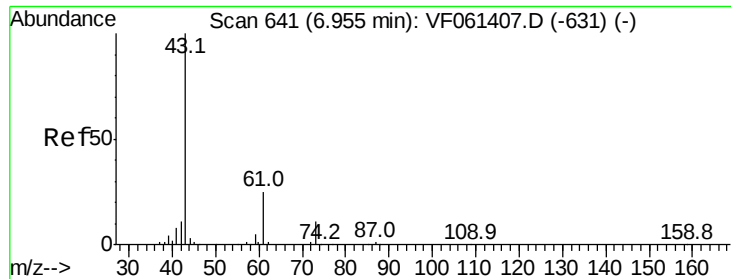
Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0





#43

Isopropyl Acetate

Concen: 1.686 ug/l

RT: 7.00 min Scan# 646

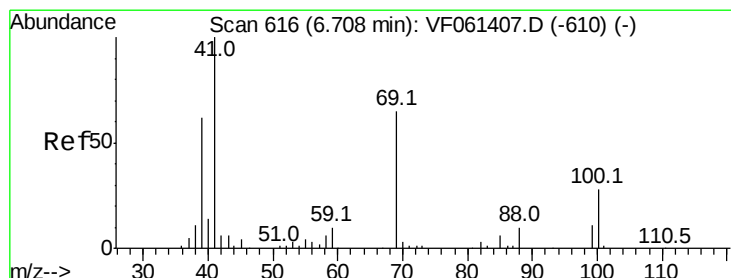
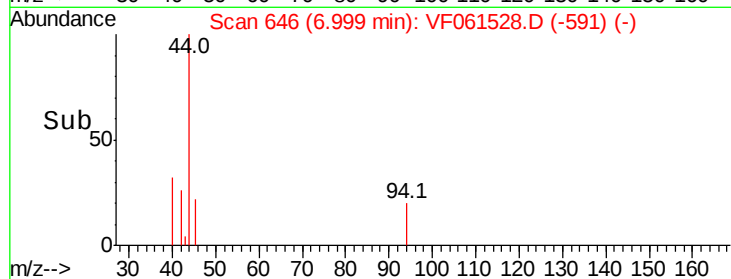
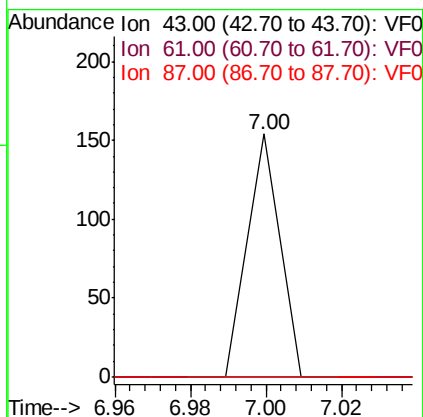
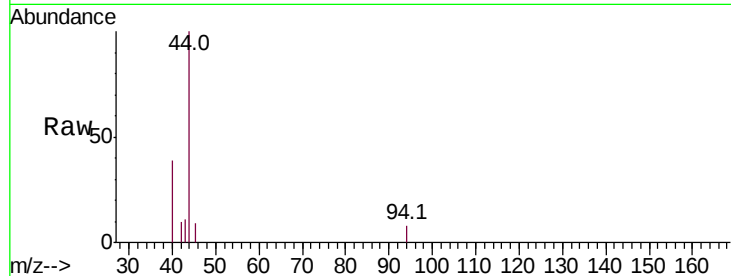
Delta R.T. 0.04 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	43	Resp:	91
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.3	30.5#
87	0.0	0.5	0.7#



#48

Methyl methacrylate

Concen: 6.734 ug/l

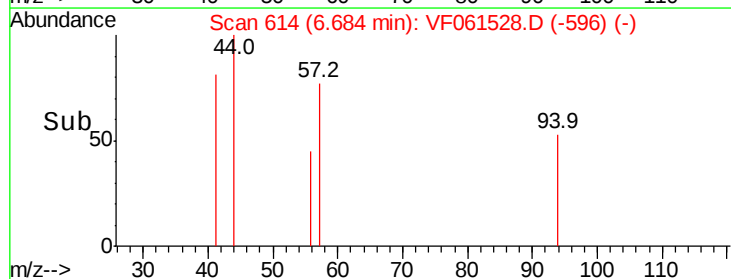
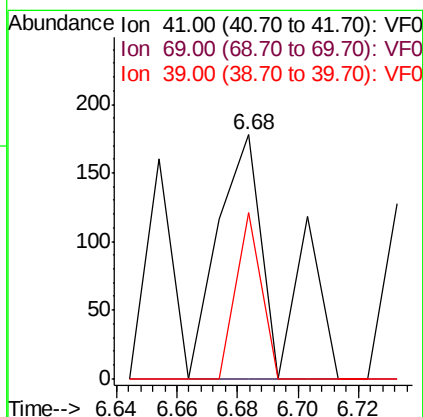
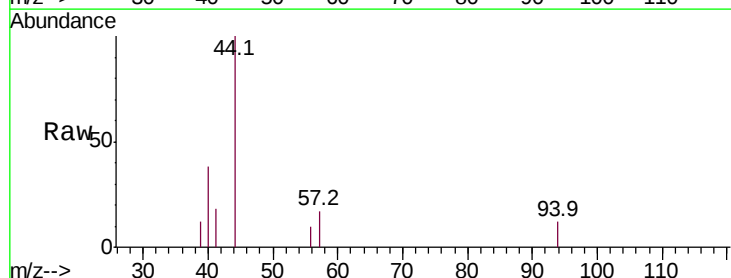
RT: 6.68 min Scan# 614

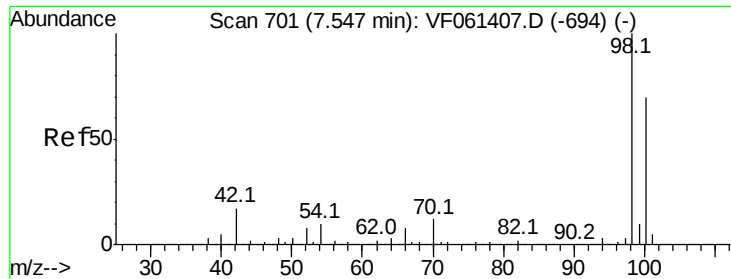
Delta R.T. -0.02 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Tgt Ion:	41	Resp:	244
Ion	Ratio	Lower	Upper
41	100		
69	0.0	51.7	77.5#
39	68.0	49.2	73.8

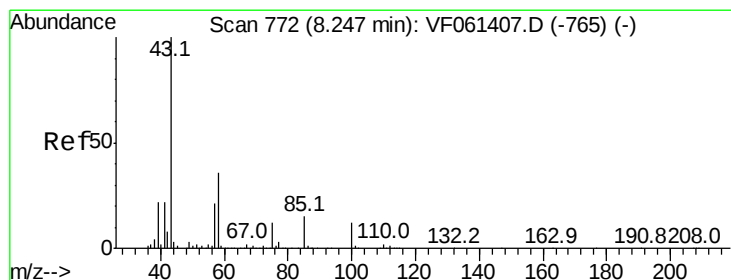
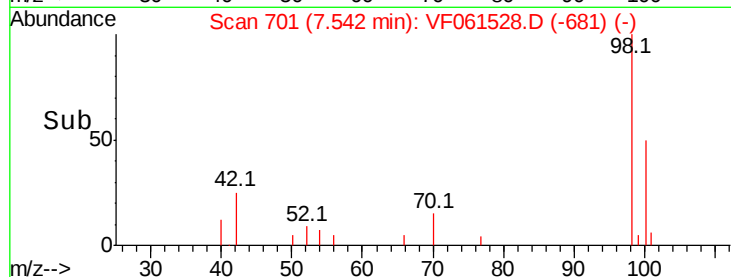
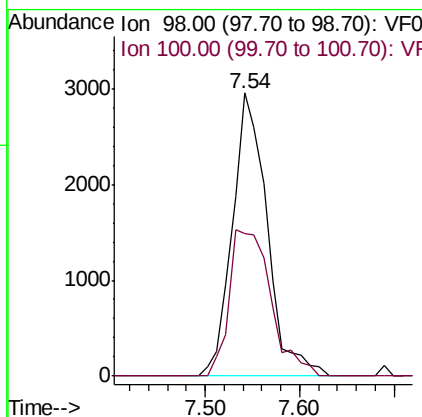
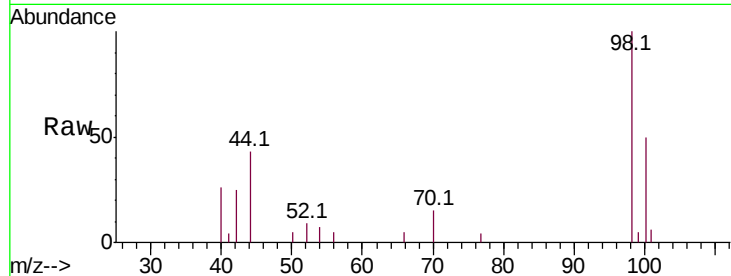




#50
Toluene-d8
Concen: 37.514 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.00 min
Lab File: VF061528.D
Acq: 25 Jan 2019 18:45

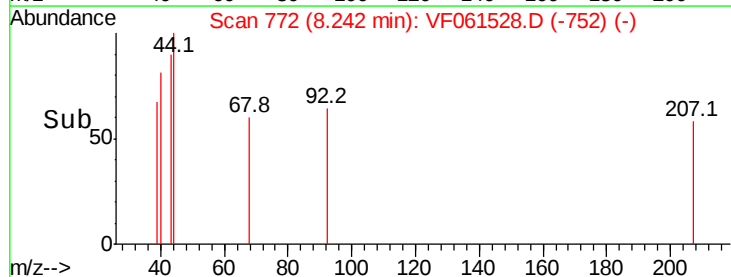
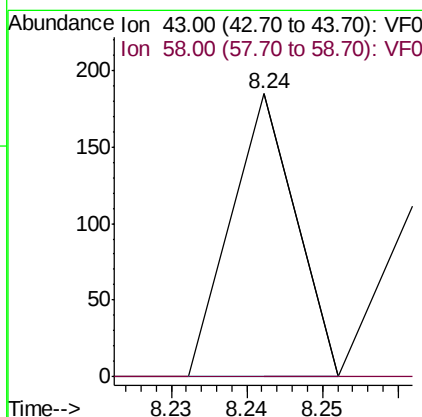
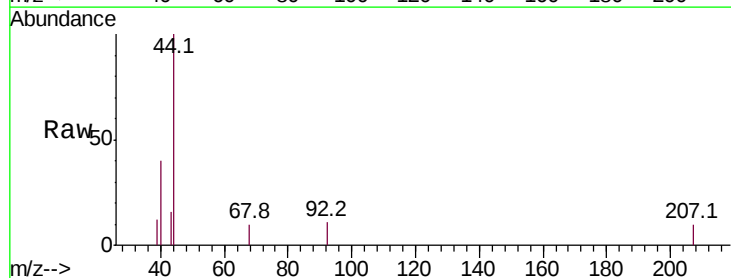
Instrument :
MSVOA_F
ClientSampleId :

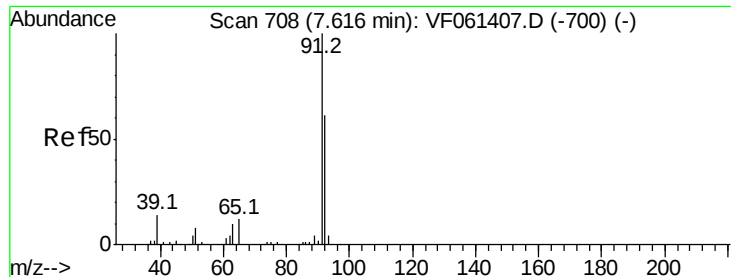
Tot Ion: 98 Resp: 7524
Ion Ratio Lower Upper
98 100
100 50.3 55.6 83.4#



#51
4-Methyl-2-Pentanone
Concen: 2.748 ug/l
RT: 8.24 min Scan# 772
Delta R.T. -0.00 min
Lab File: VF061528.D
Acq: 25 Jan 2019 18:45

Tgt Ion: 43 Resp: 109
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#





#52

Toluene

Concen: 14.250 ug/l

RT: 7.62 min Scan# 709

Delta R.T. 0.01 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

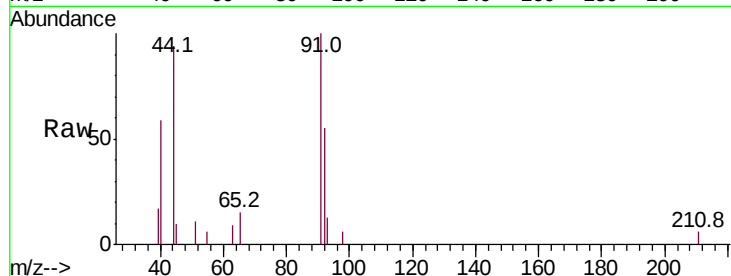
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 92 Resp: 2246

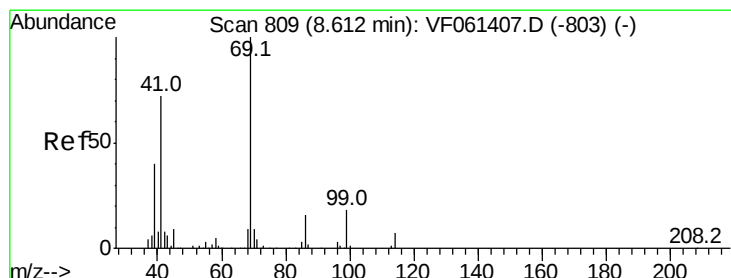
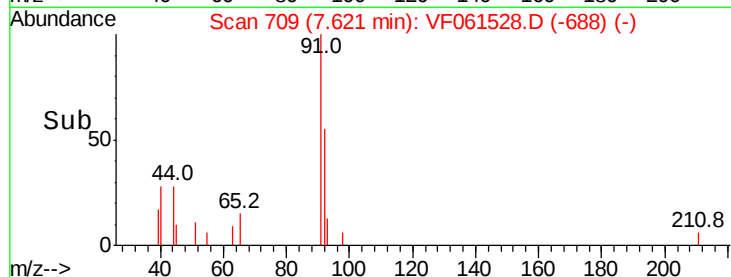
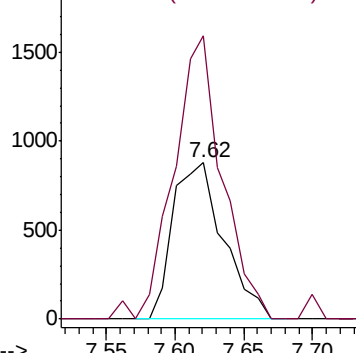
Ion Ratio Lower Upper

92 100

91 181.4 131.2 196.8



Abundance Ion 92.00 (91.70 to 92.70): VF0
Ion 91.00 (90.70 to 91.70): VF0



#56

Ethyl methacrylate

Concen: 1.267 ug/l

RT: 8.67 min Scan# 815

Delta R.T. 0.05 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

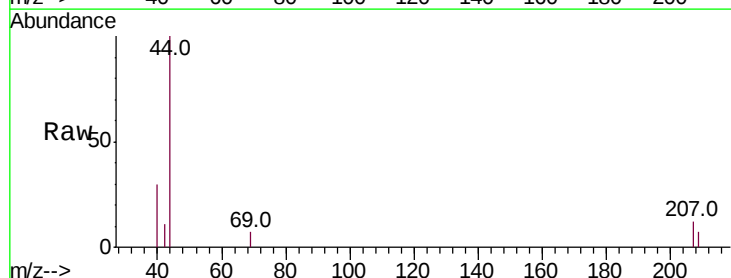
Tgt Ion: 69 Resp: 66

Ion Ratio Lower Upper

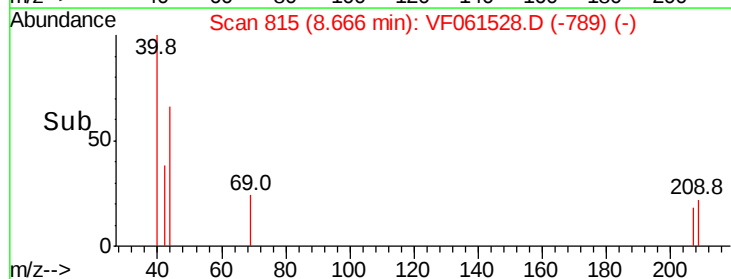
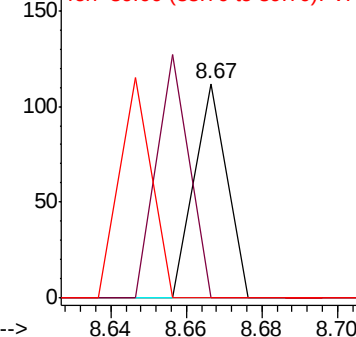
69 100

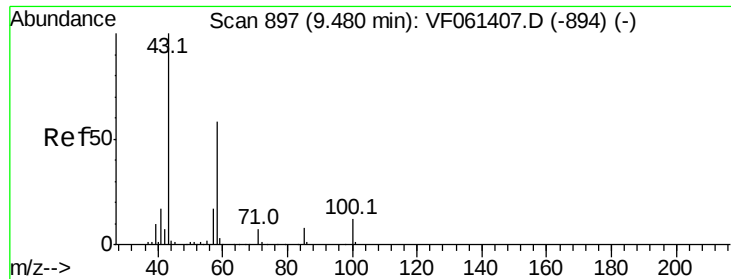
41 0.0 57.5 86.3#

39 0.0 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

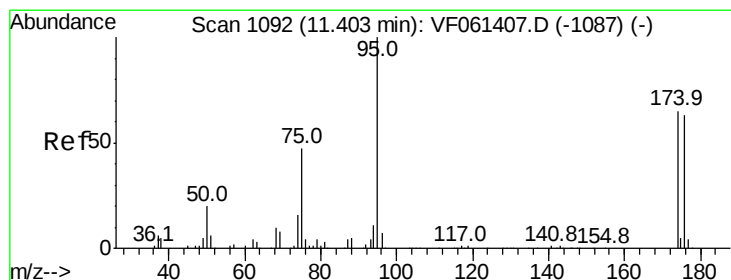
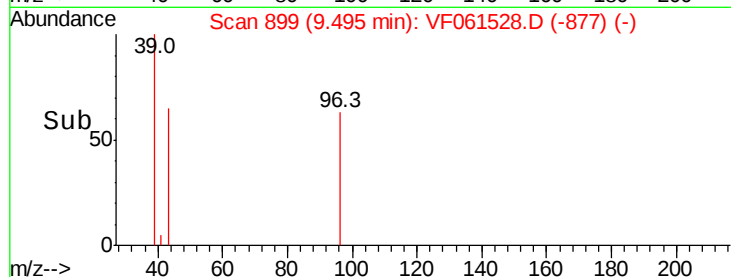
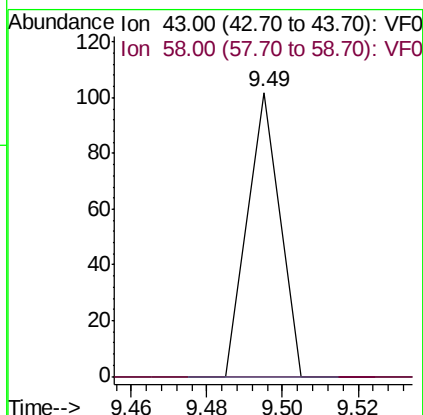
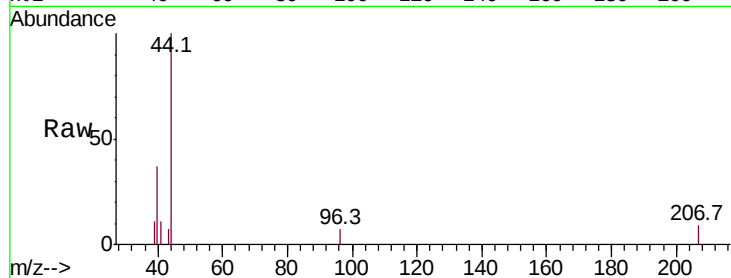




#59
2-Hexanone
Concen: 2.169 ug/l
RT: 9.49 min Scan# 899
Delta R.T. 0.01 min
Lab File: VF061528.D
Acq: 25 Jan 2019 18:45

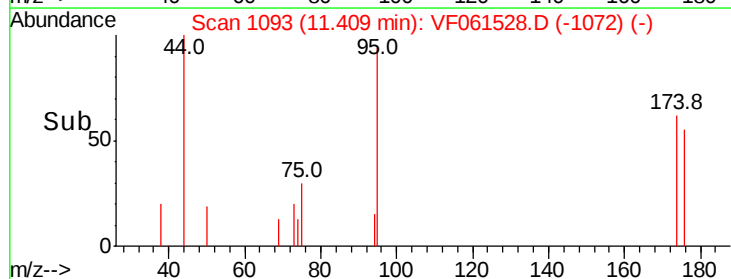
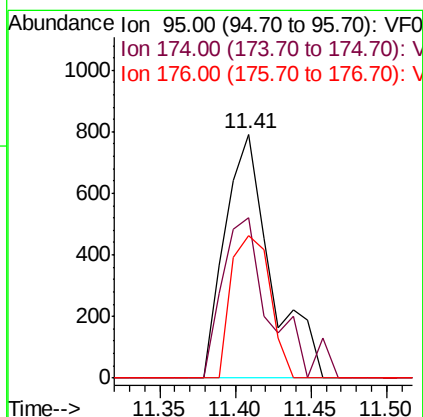
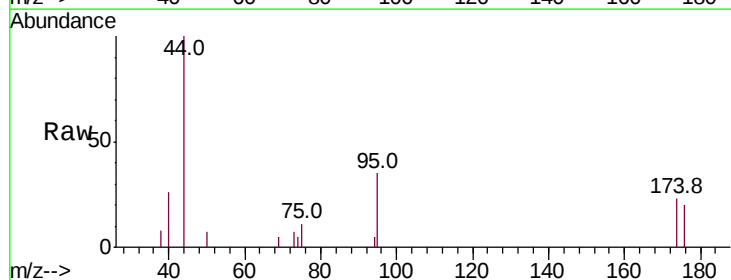
Instrument :
MSVOA_F
ClientSampled :

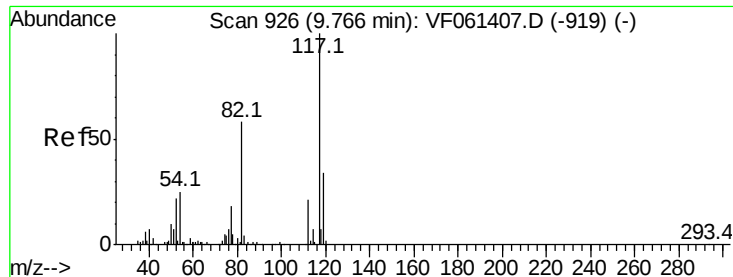
Tot Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.6#



#62
4-Bromofluorobenzene
Concen: 17.864 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VF061528.D
Acq: 25 Jan 2019 18:45

Tgt Ion: 95 Resp: 1674
Ion Ratio Lower Upper
95 100
174 65.7 0.0 130.4
176 58.4 0.0 126.2

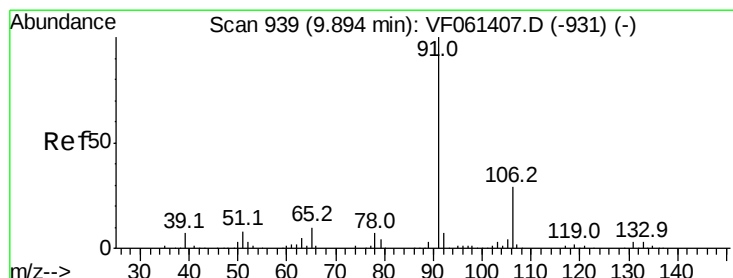
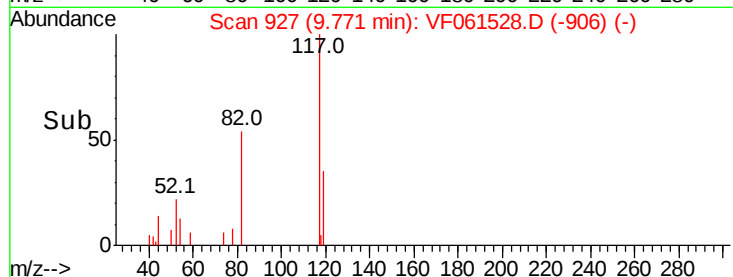
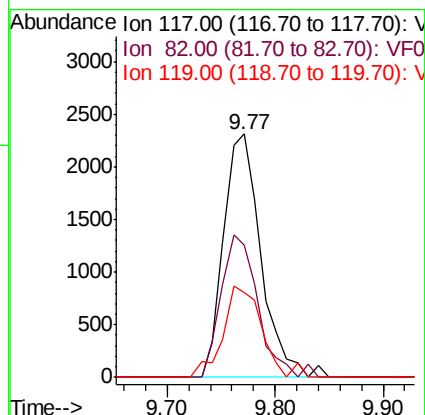
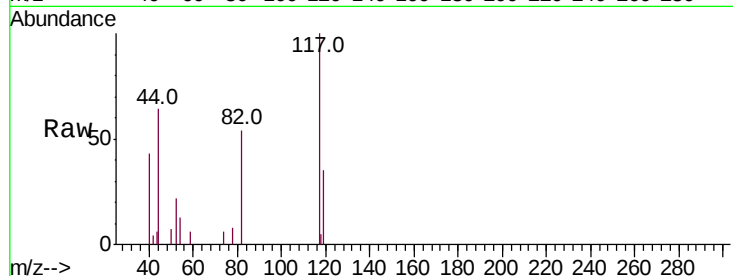




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061528.D
Acq: 25 Jan 2019 18:45

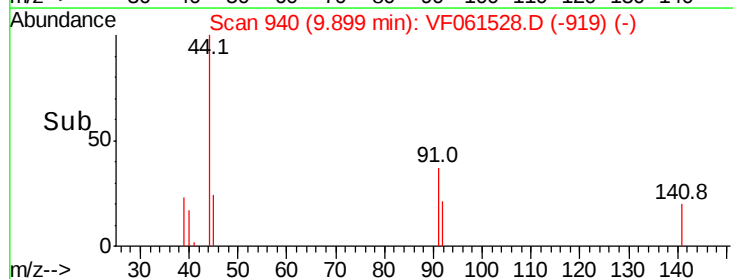
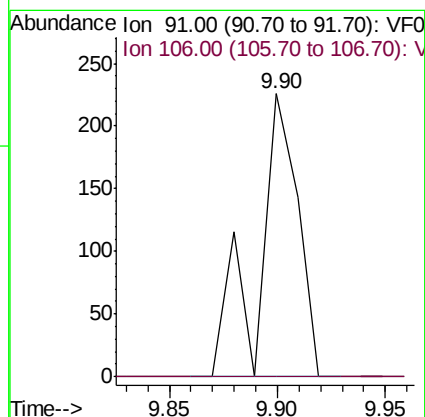
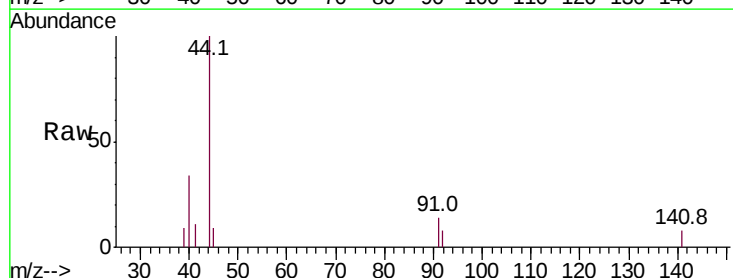
Instrument :
MSVOA_F
ClientSampleId :

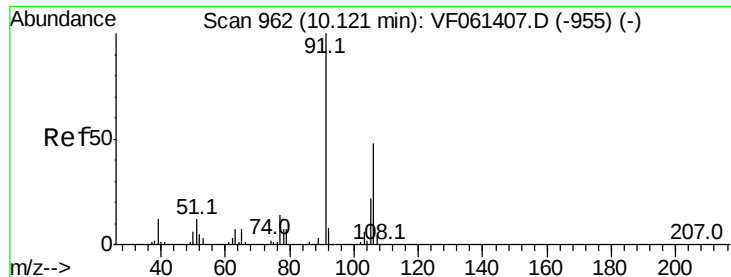
Tot Ion:117 Resp: 5572
Ion Ratio Lower Upper
117 100
82 54.3 46.4 69.6
119 34.9 27.2 40.8



#67
Ethyl Benzene
Concen: 1.386 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF061528.D
Acq: 25 Jan 2019 18:45

Tgt Ion: 91 Resp: 287
Ion Ratio Lower Upper
91 100
106 0.0 23.1 34.7#





#68

m/p-Xylenes

Concen: 9.052 ug/l

RT: 10.12 min Scan# 962

Delta R.T. -0.00 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

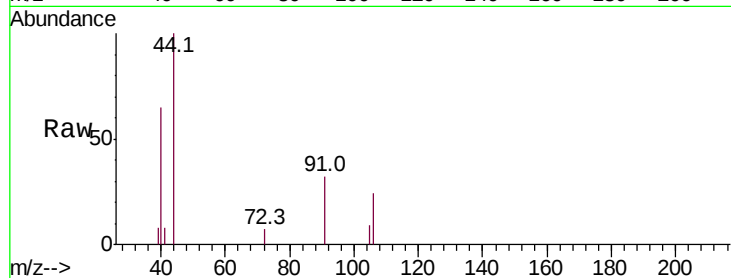
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:106 Resp: 674

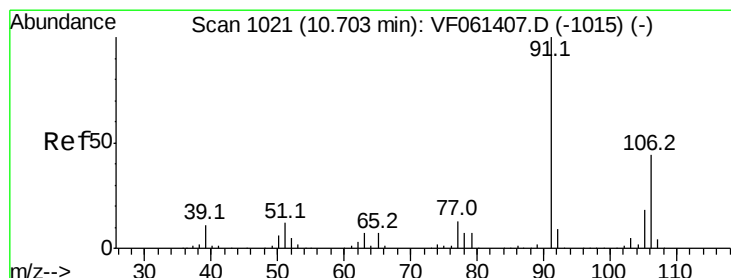
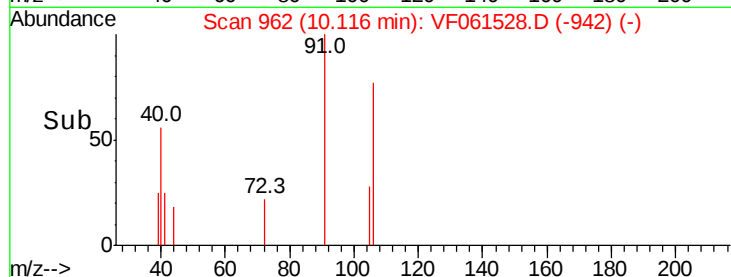
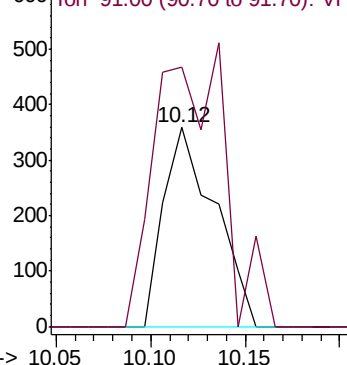
Ion Ratio Lower Upper

106 100

91 130.4 166.2 249.4#



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0



#69

o-Xylene

Concen: 1.945 ug/l

RT: 10.71 min Scan# 1022

Delta R.T. 0.01 min

Lab File: VF061528.D

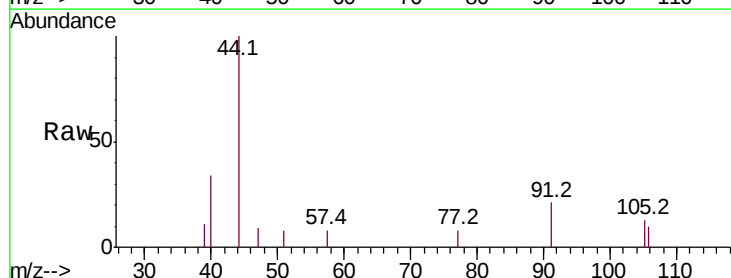
Acq: 25 Jan 2019 18:45

Tgt Ion:106 Resp: 157

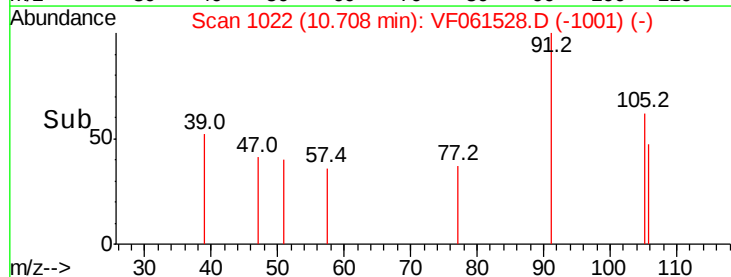
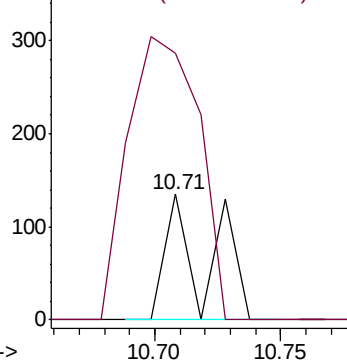
Ion Ratio Lower Upper

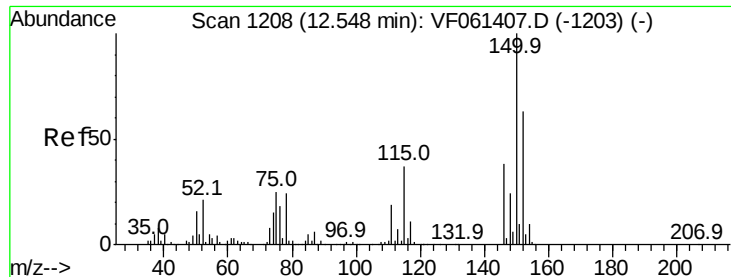
106 100

91 211.9 113.3 339.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. 0.01 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Instrument :

MSVOA_F

ClientSampleId :

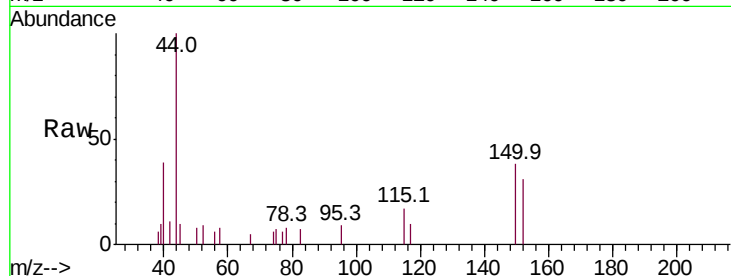
Tot Ion:152 Resp: 1022

Ion Ratio Lower Upper

152 100

115 54.0 30.0 90.0

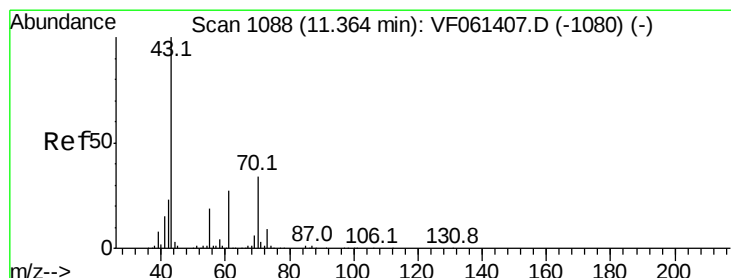
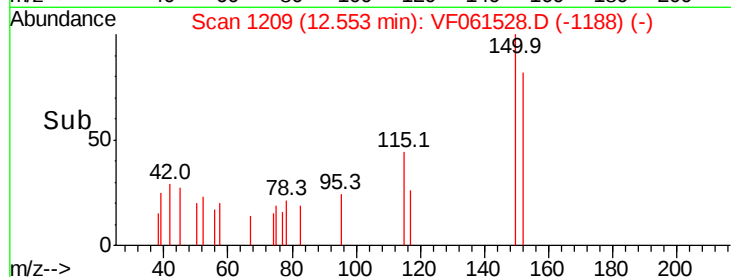
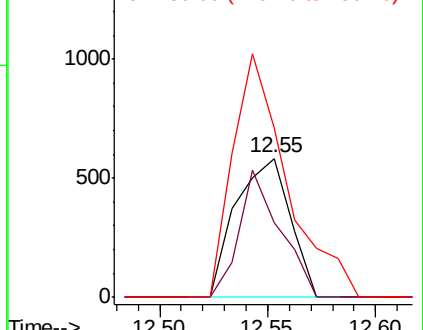
150 122.2 0.0 321.4



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: 10.735 ug/l

RT: 11.37 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Tgt Ion: 43 Resp: 211

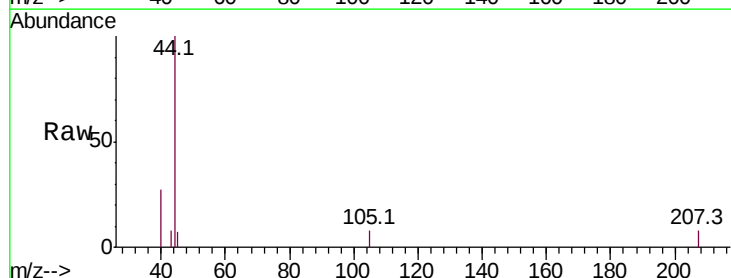
Ion Ratio Lower Upper

43 100

70 0.0 27.6 41.4#

55 0.0 15.4 23.2#

61 0.0 21.8 32.6#

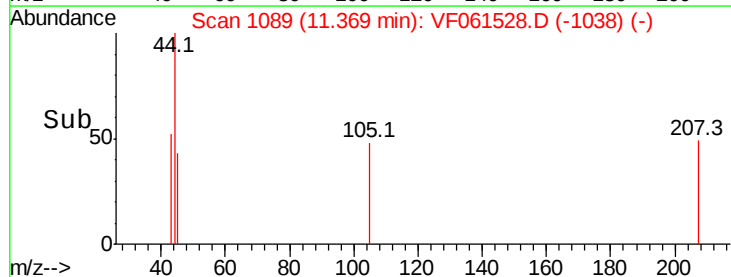
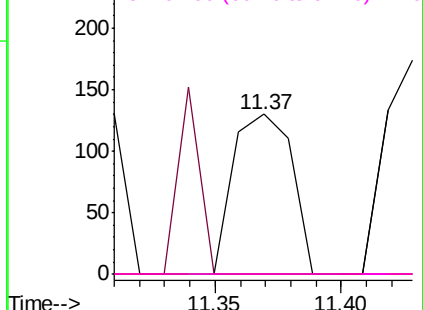


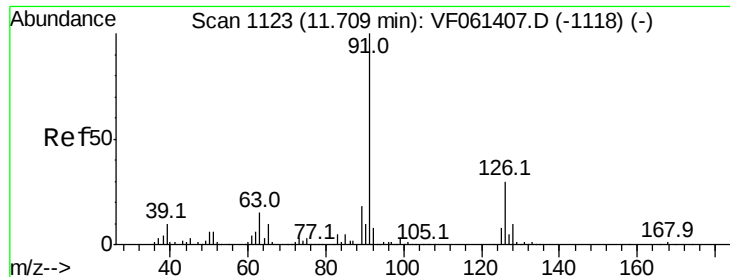
Abundance Ion 43.00 (42.70 to 43.70): VF0

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

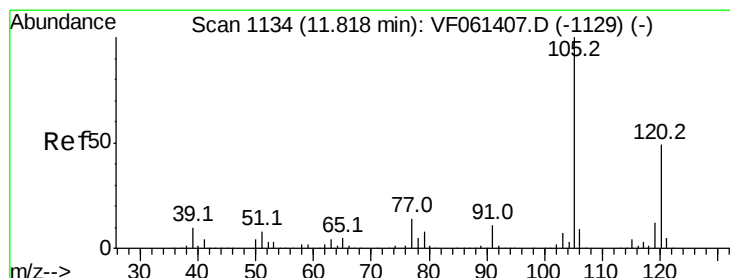
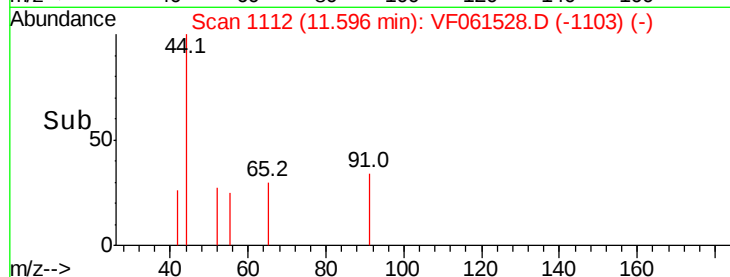
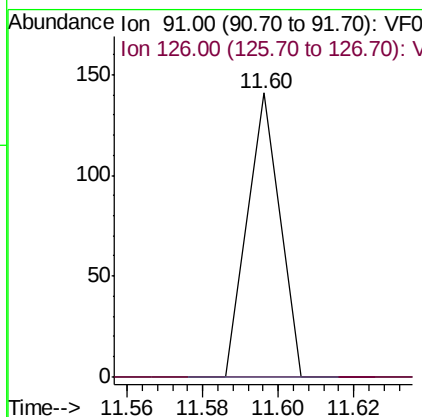
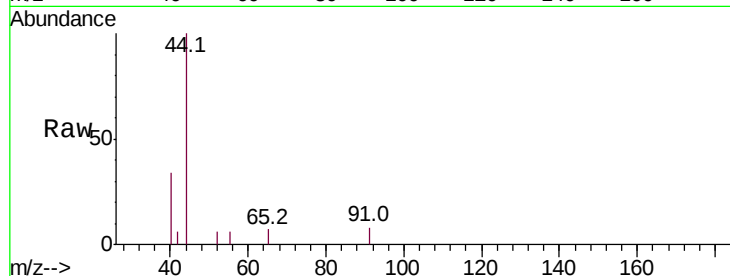




#79
 2-Chlorotoluene
 Concen: 1.439 ug/l
 RT: 11.60 min Scan# 1112
 Delta R.T. -0.11 min
 Lab File: VF061528.D
 Acq: 25 Jan 2019 18:45

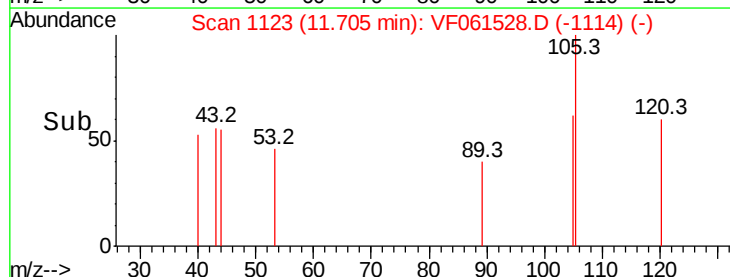
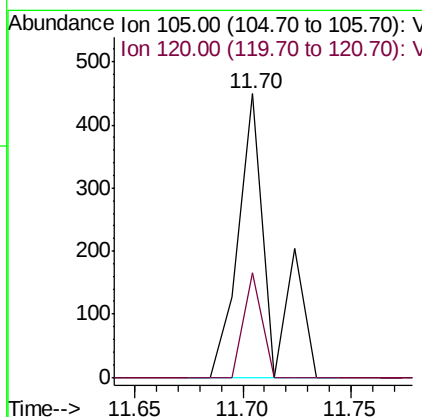
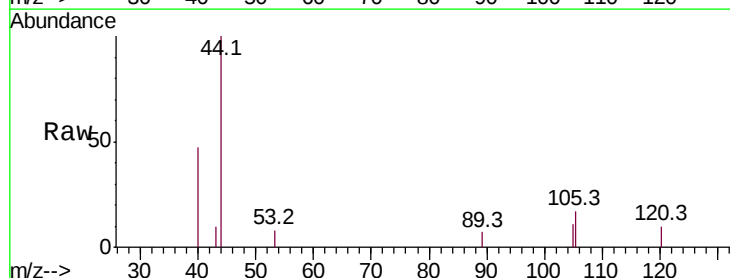
Instrument :
 MSVOA_F
 ClientSampleId :

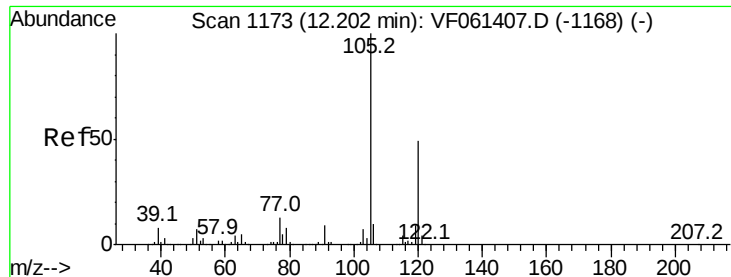
Tot Ion: 91 Resp: 83
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.0 45.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 6.902 ug/l
 RT: 11.70 min Scan# 1123
 Delta R.T. -0.11 min
 Lab File: VF061528.D
 Acq: 25 Jan 2019 18:45

Tgt Ion: 105 Resp: 463
 Ion Ratio Lower Upper
 105 100
 120 36.7 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 8.278 ug/l

RT: 12.20 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Instrument :

MSVOA_F

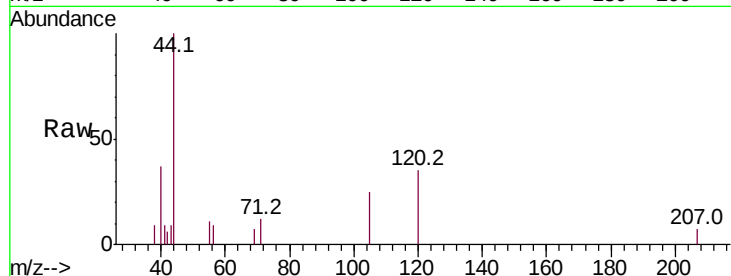
ClientSampleId :

Tot Ion:105 Resp: 572

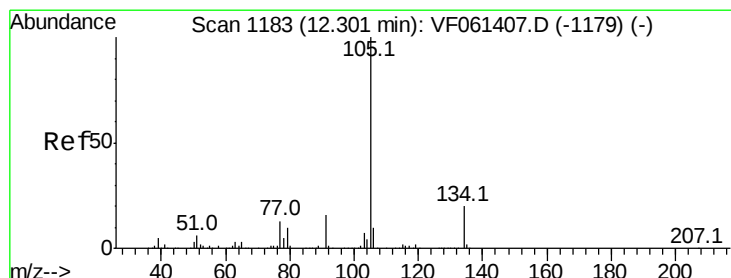
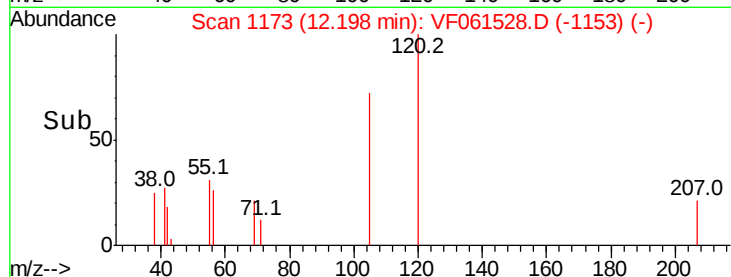
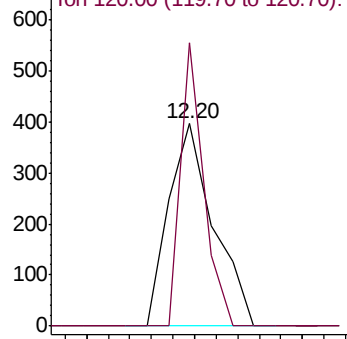
Ion Ratio Lower Upper

105 100

120 139.8 24.9 74.6#



Abundance Ion 105.00 (104.70 to 105.70): V



#85

sec-Butylbenzene

Concen: 2.058 ug/l

RT: 12.32 min Scan# 1185

Delta R.T. 0.02 min

Lab File: VF061528.D

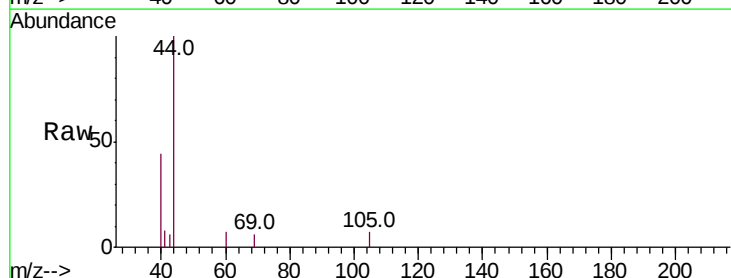
Acq: 25 Jan 2019 18:45

Tgt Ion:105 Resp: 194

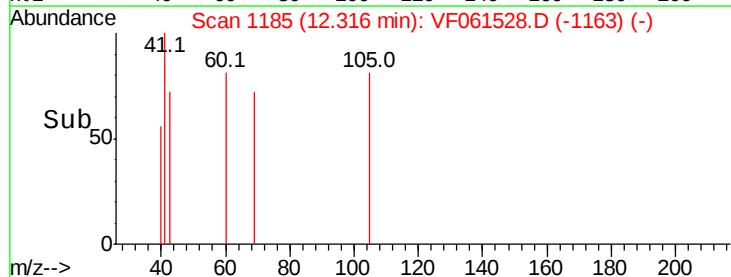
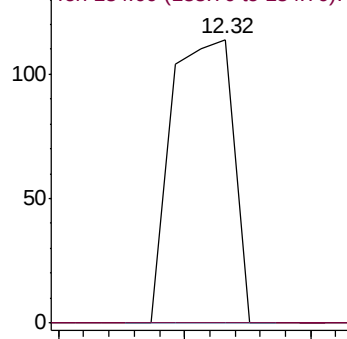
Ion Ratio Lower Upper

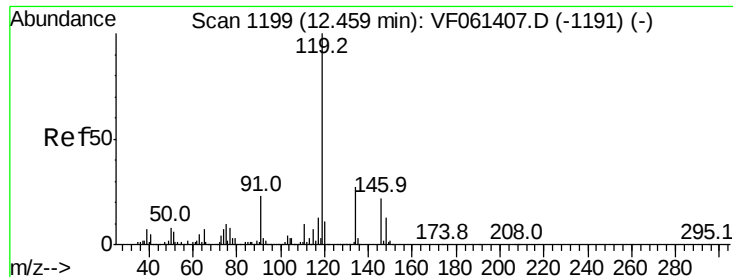
105 100

134 0.0 10.0 30.0#



Abundance Ion 105.00 (104.70 to 105.70): V





#86

p-Isopropyltoluene

Concen: 1.563 ug/l

RT: 12.43 min Scan# 1197

Delta R.T. -0.02 min

Lab File: VF061528.D

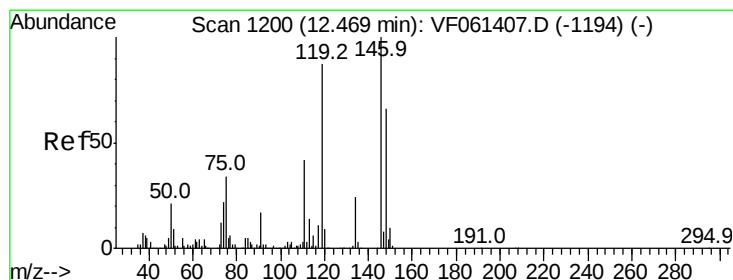
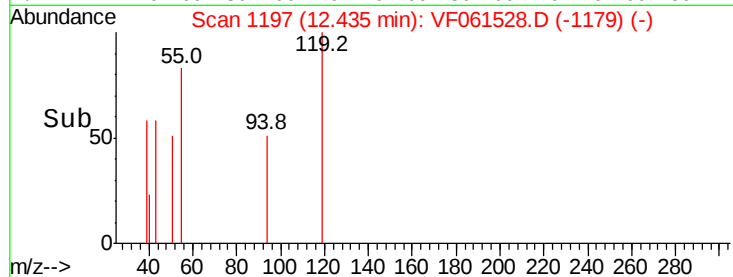
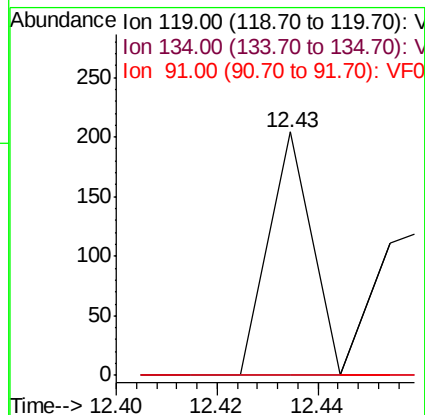
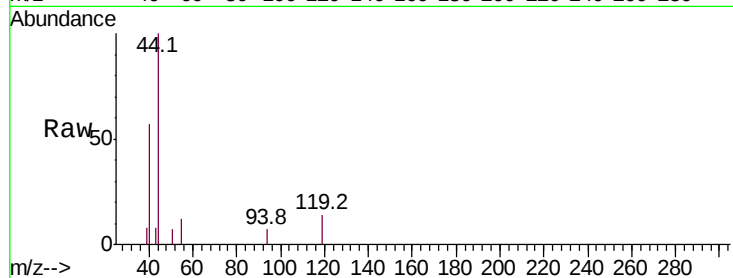
Acq: 25 Jan 2019 18:45

Instrument :

MSVOA_F

ClientSampled :

Tot Ion:	119	Resp:	121
Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.4	40.2#
91	0.0	11.4	34.2#



#87

1,3-Dichlorobenzene

Concen: 2.271 ug/l

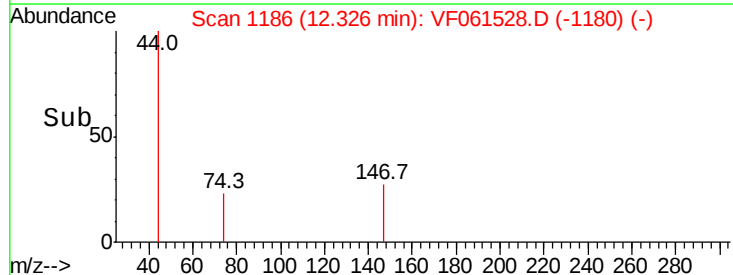
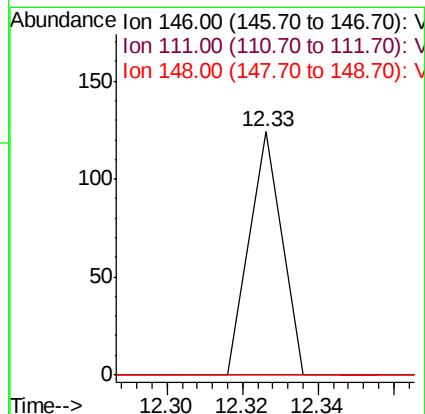
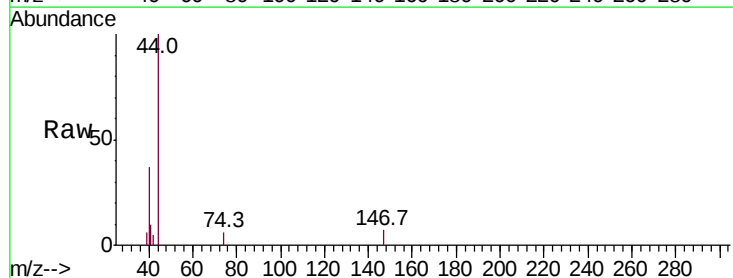
RT: 12.33 min Scan# 1186

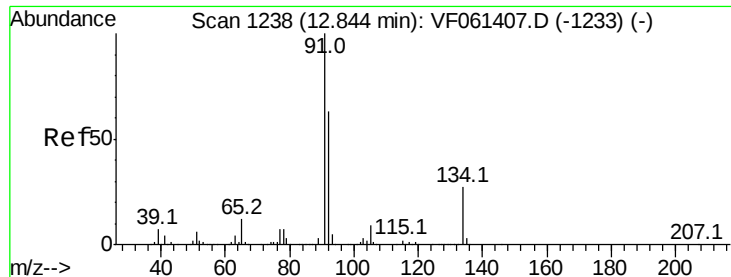
Delta R.T. -0.14 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Tgt Ion:	146	Resp:	73
Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.1	63.4#
148	0.0	32.9	98.6#





#89

n-Butylbenzene

Concen: 3.395 ug/l

RT: 12.83 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VF061528.D

Acq: 25 Jan 2019 18:45

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion: 91 Resp: 271

Ion Ratio Lower Upper

91 100

92 128.8 31.6 94.7#

134 92.5 13.6 40.8#

