

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF020719\
 Data File : VF061544.D
 Acq On : 7 Feb 2019 14:49
 Operator : VA/AP
 Sample : VF0207SBS01
 Misc : 5.00µg/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Feb 09 04:33:36 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	185127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	313657	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	267412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	149812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.83	65	112003	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	4.11	113	118439	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	7.54	98	319475	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
62) 4-Bromofluorobenzene	11.41	95	147963	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	55269	15.194	ug/l	87
3) Chloromethane	1.09	50	43207	16.200	ug/l	95
4) Vinyl Chloride	1.13	62	40588	17.107	ug/l	99
5) Bromomethane	1.32	94	25954	16.776	ug/l	89
6) Chloroethane	1.40	64	19051	18.122	ug/l	100
7) Trichlorofluoromethane	1.47	101	76568	16.601	ug/l	92
8) Diethyl Ether	1.62	74	9993	16.909	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	1.83	101	38703	17.464	ug/l	91
10) Methyl Iodide	1.91	142	43786	12.744	ug/l	97
11) Tert butyl alcohol	2.58	59	9125	94.319	ug/l #	83
12) 1,1-Dichloroethene	1.79	96	28233	17.147	ug/l	96
13) Acrolein	2.00	56	4535	62.508	ug/l	92
14) Allyl chloride	2.10	41	43843	21.150	ug/l	88
15) Acrylonitrile	2.93	53	21632	87.290	ug/l	94
16) Acetone	2.23	43	54930	119.797	ug/l	97
17) Carbon Disulfide	1.81	76	83804	16.324	ug/l	97
18) Methyl Acetate	2.34	43	15645	17.205	ug/l	96
19) Methyl tert-butyl Ether	2.42	73	64255	17.408	ug/l #	91
20) Methylene Chloride	2.17	84	12857	6.740	ug/l	94
21) trans-1,2-Dichloroethene	2.30	96	29930	16.522	ug/l	95
22) Diisopropyl ether	2.80	45	106831	18.232	ug/l	99
23) Vinyl Acetate	3.18	43	240341	95.258	ug/l	99
24) 1,1-Dichloroethane	2.87	63	61223	16.648	ug/l	98
25) 2-Butanone	4.33	43	76554	100.398	ug/l	99
26) 2,2-Dichloropropane	3.60	77	42116	18.640	ug/l	95
27) cis-1,2-Dichloroethene	3.47	96	47747	17.855	ug/l	96
28) Bromochloromethane	3.71	49	33758	20.422	ug/l	86
29) Tetrahydrofuran	4.07	42	30179	91.917	ug/l	99
30) Chloroform	3.85	83	89282	17.989	ug/l	95
31) Cyclohexane	3.67	56	39905	10.863	ug/l	87
32) 1,1,1-Trichloroethane	4.09	97	58467	16.066	ug/l	96
36) 1,1-Dichloropropene	4.28	75	64295	17.680	ug/l	98
37) Ethyl Acetate	4.11	43	26924	18.521	ug/l #	68
38) Carbon Tetrachloride	3.98	117	56058	17.632	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.45	83	65565	16.636	ug/l	91
40) Benzene	4.62	78	150520	18.600	ug/l	99
41) Methacrylonitrile	4.74	41	13582	17.559	ug/l #	92
42) 1,2-Dichloroethane	4.93	62	53469	18.542	ug/l	100
43) Isopropyl Acetate	6.95	43	30917	16.945	ug/l #	90
44) Trichloroethene	5.50	130	46020	18.538	ug/l	89
45) 1,2-Dichloropropane	6.23	63	39590	18.641	ug/l	100
46) Dibromomethane	6.07	93	24586	17.409	ug/l	88
47) Bromodichloromethane	6.38	83	62820	17.979	ug/l	99
48) Methyl methacrylate	6.71	41	19664	16.050	ug/l	93
49) 1,4-Dioxane	6.70	88	3359	347.477	ug/l #	85
51) 4-Methyl-2-Pentanone	8.25	43	123708	92.230	ug/l	93
52) Toluene	7.62	92	94279	17.692	ug/l	97
53) t-1,3-Dichloropropene	8.27	75	50262	18.115	ug/l	98
54) cis-1,3-Dichloropropene	7.29	75	66406	19.148	ug/l	99
55) 1,1,2-Trichloroethane	8.48	97	28703	18.967	ug/l	97
56) Ethyl methacrylate	8.62	69	31790	18.056	ug/l	97
57) 1,3-Dichloropropane	8.84	76	48460	17.085	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.28	63	22621	136.557	ug/l	97
59) 2-Hexanone	9.48	43	100008	106.925	ug/l	96
60) Dibromochloromethane	8.70	129	40345	18.236	ug/l	98
61) 1,2-Dibromoethane	8.98	107	29509	17.034	ug/l	98
64) Tetrachloroethene	8.14	164	39142	19.464	ug/l	93
65) Chlorobenzene	9.79	112	102490	18.847	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.92	131	45693	21.092	ug/l	98
67) Ethyl Benzene	9.89	91	196675	19.795	ug/l	96
68) m/p-Xylenes	10.13	106	140858	39.418	ug/l	98
69) o-Xylene	10.71	106	78127	20.172	ug/l	96
70) Styrene	10.79	104	107927	20.358	ug/l	98
71) Bromoform	10.77	173	22581	23.199	ug/l	95
73) Isopropylbenzene	11.12	105	224256	18.405	ug/l	100
74) N-amyl acetate	11.37	43	60370	20.953	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.68	83	42160	19.423	ug/l	92
76) 1,2,3-Trichloropropane	11.79	75	28743	18.429	ug/l	99
77) Bromobenzene	11.49	156	48219	18.739	ug/l	90
78) n-propylbenzene	11.59	91	278535	17.467	ug/l	96
79) 2-Chlorotoluene	11.71	91	151728	17.947	ug/l	97
80) 1,3,5-Trimethylbenzene	11.82	105	192268	19.553	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.86	75	16712	24.648	ug/l #	84
82) 4-Chlorotoluene	11.89	91	156581	18.354	ug/l	99
83) tert-Butylbenzene	12.13	119	200834	19.733	ug/l	98
84) 1,2,4-Trimethylbenzene	12.20	105	181143	17.884	ug/l	94
85) sec-Butylbenzene	12.30	105	261297	18.906	ug/l	97
86) p-Isopropyltoluene	12.45	119	221145	19.491	ug/l	96
87) 1,3-Dichlorobenzene	12.47	146	95194	17.564	ug/l	97
88) 1,4-Dichlorobenzene	12.56	146	94807	19.497	ug/l	96
89) n-Butylbenzene	12.84	91	231629	19.796	ug/l	95
90) Hexachloroethane	12.91	117	55834	20.877	ug/l	84
91) 1,2-Dichlorobenzene	12.94	146	89327	18.557	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.64	75	6816	17.704	ug/l	81

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

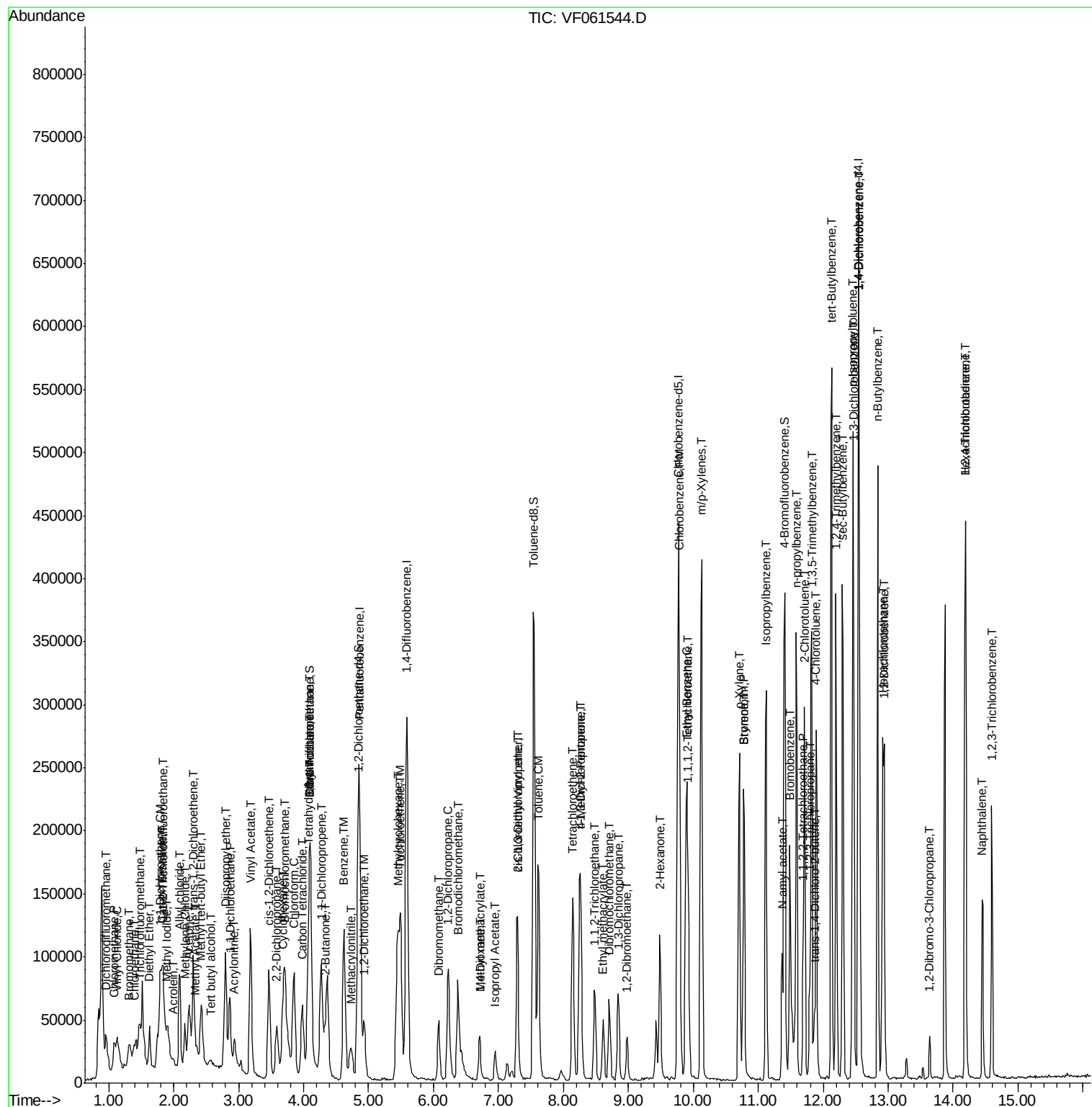
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.19	180	65535	19.434	ug/l	96
94) Hexachlorobutadiene	14.18	225	40333	19.275	ug/l	97
95) Naphthalene	14.46	128	109044	17.020	ug/l	97
96) 1,2,3-Trichlorobenzene	14.59	180	56262	18.023	ug/l	98

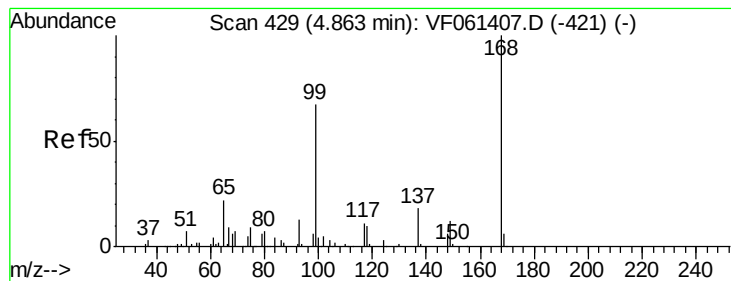
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :

MSVOA_F

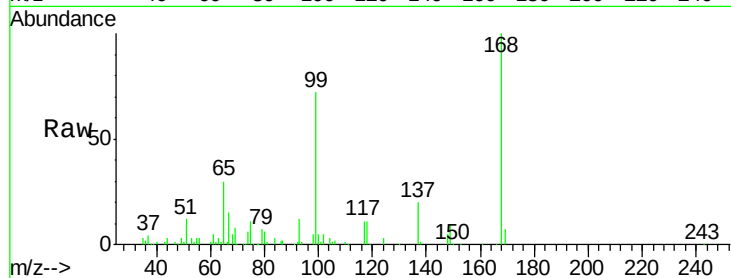
ClientSampleId :

Tot Ion:168 Resp: 185127

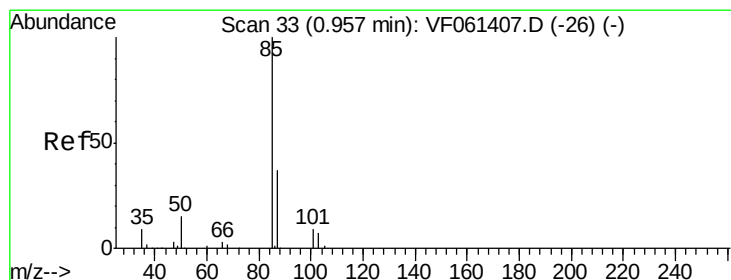
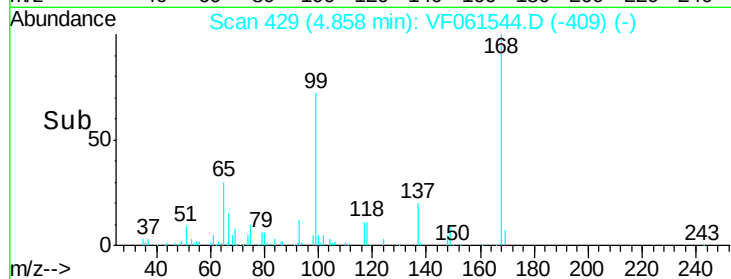
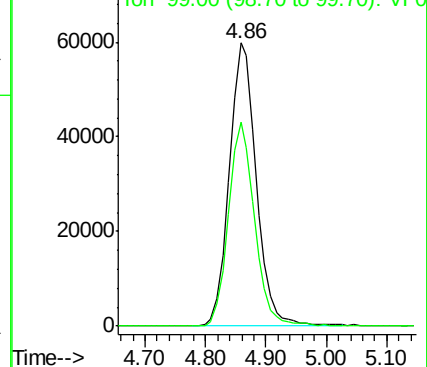
Ion Ratio Lower Upper

168 100

99 72.0 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 15.194 ug/l

RT: 0.96 min Scan# 34

Delta R.T. 0.00 min

Lab File: VF061544.D

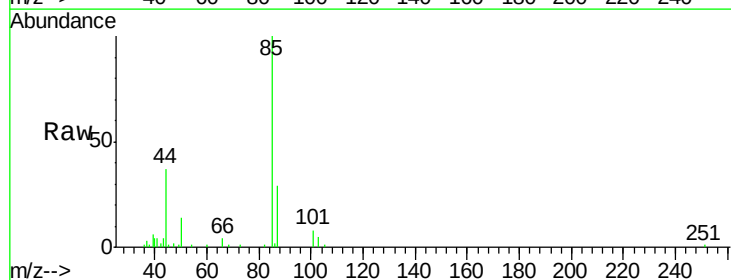
Acq: 7 Feb 2019 14:49

Tgt Ion: 85 Resp: 55269

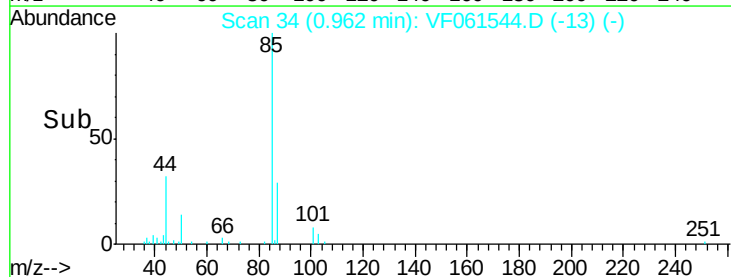
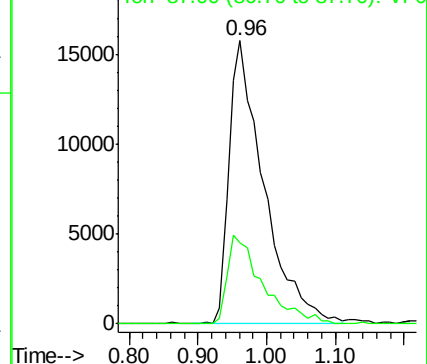
Ion Ratio Lower Upper

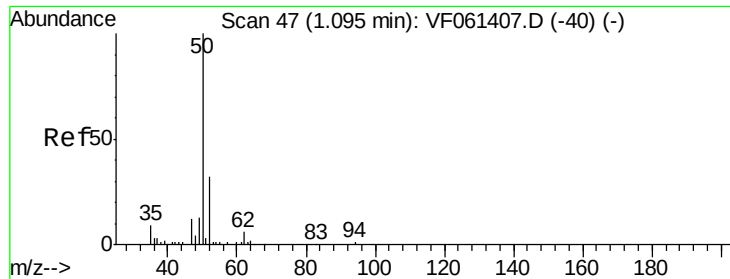
85 100

87 28.7 18.4 55.0



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 16.200 ug/l

RT: 1.09 min Scan# 47

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :

MSVOA_F

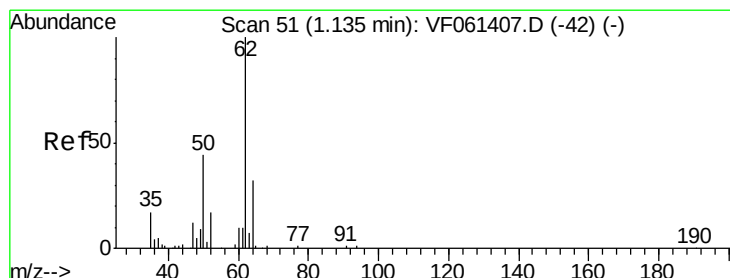
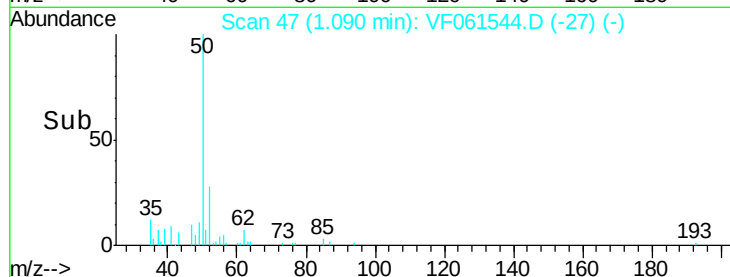
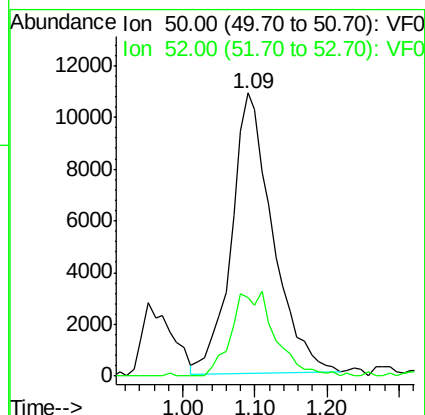
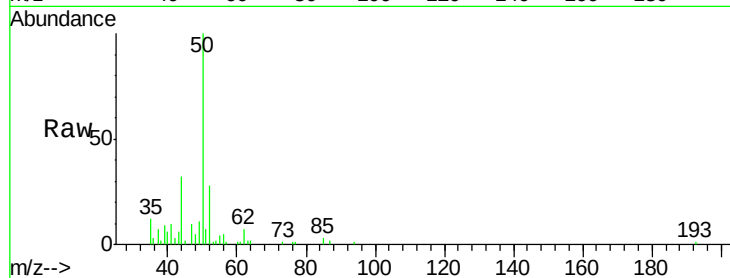
ClientSampleId :

Tot Ion: 50 Resp: 43207

Ion Ratio Lower Upper

50 100

52 28.0 24.6 36.8



#4

Vinyl Chloride

Concen: 17.107 ug/l

RT: 1.13 min Scan# 51

Delta R.T. -0.01 min

Lab File: VF061544.D

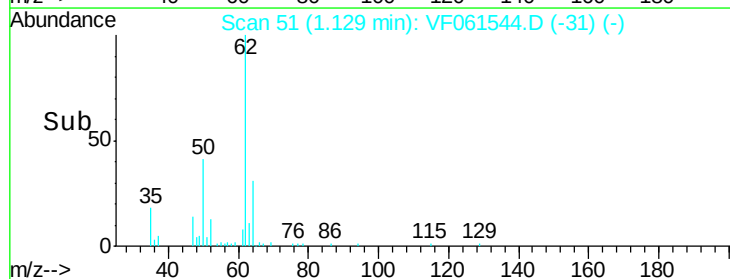
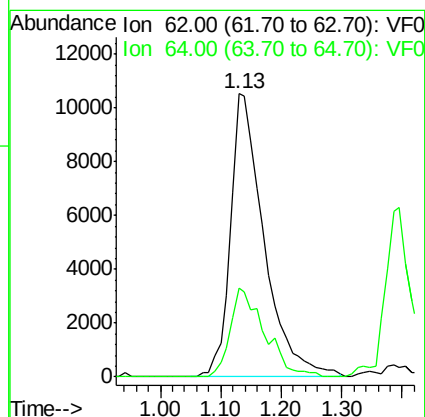
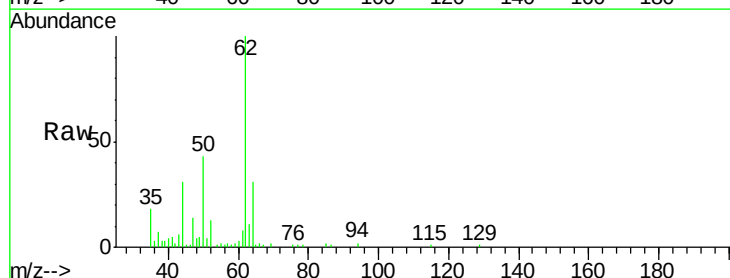
Acq: 7 Feb 2019 14:49

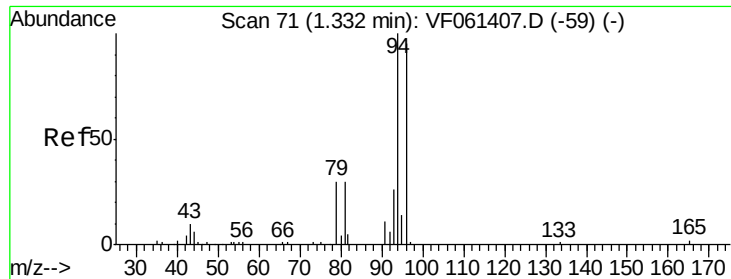
Tgt Ion: 62 Resp: 40588

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4





#5

Bromomethane

Concen: 16.776 ug/l

RT: 1.32 min Scan# 70

Delta R.T. -0.02 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

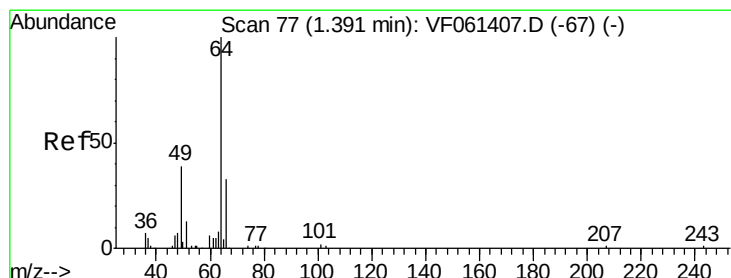
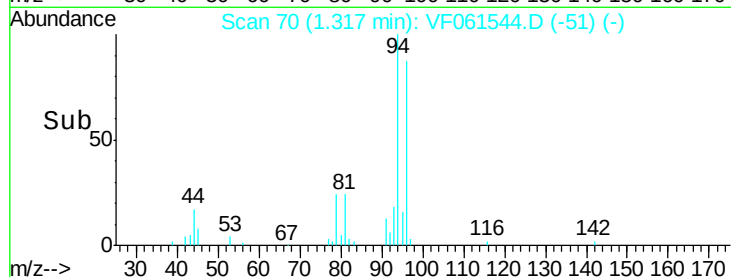
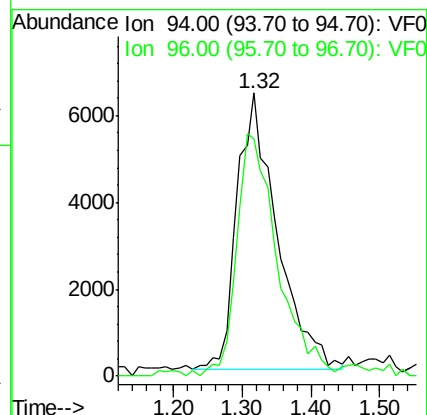
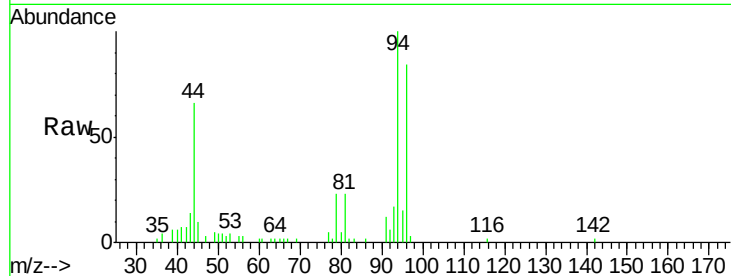
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 94 Resp: 25954

Ion Ratio Lower Upper

94 100

96 84.0 76.0 114.0



#6

Chloroethane

Concen: 18.122 ug/l

RT: 1.40 min Scan# 78

Delta R.T. 0.00 min

Lab File: VF061544.D

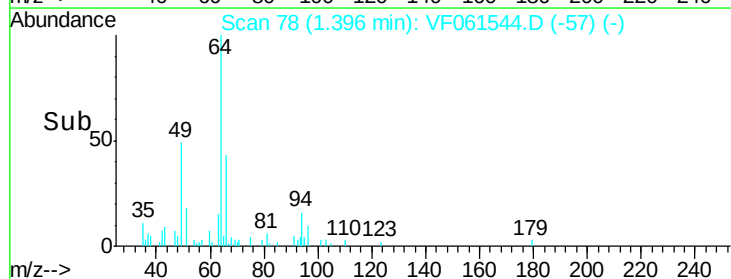
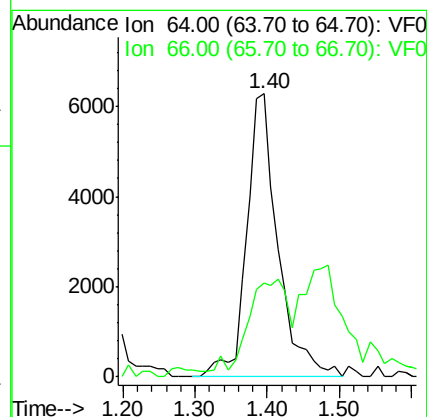
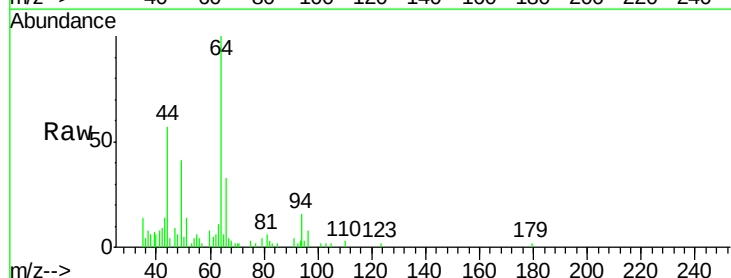
Acq: 7 Feb 2019 14:49

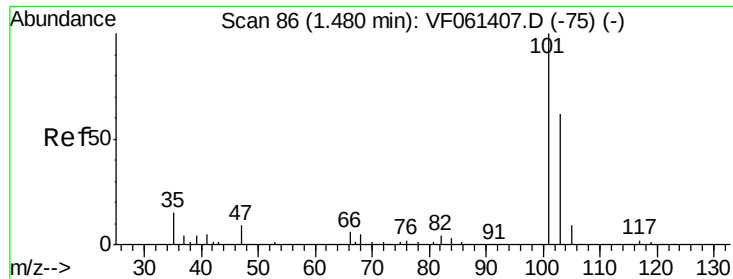
Tgt Ion: 64 Resp: 19051

Ion Ratio Lower Upper

64 100

66 33.1 26.6 40.0



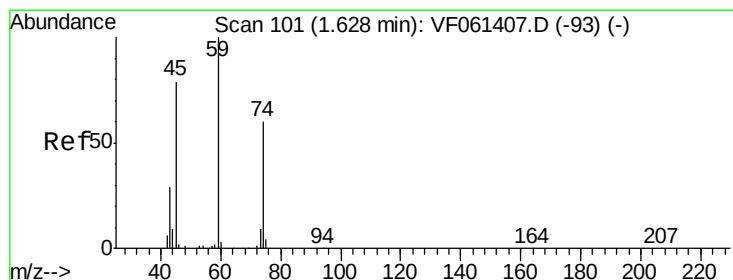
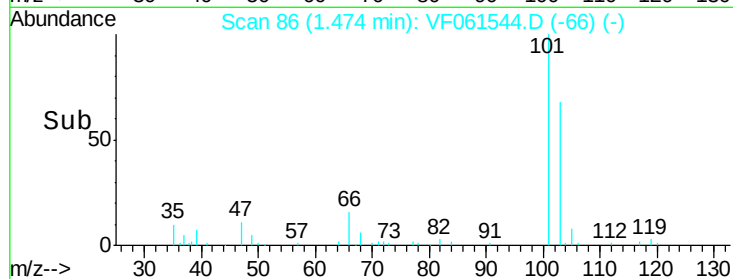
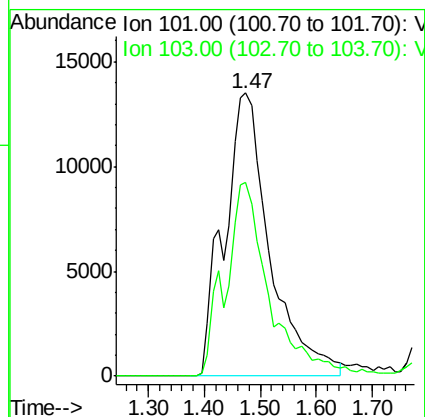
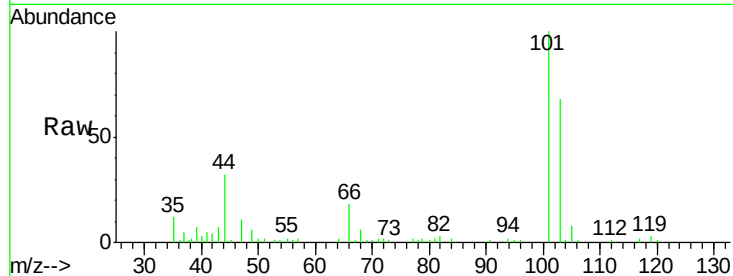


#7

Trichlorofluoromethane
Concen: 16.601 ug/l
RT: 1.47 min Scan# 86
Delta R.T. -0.01 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :

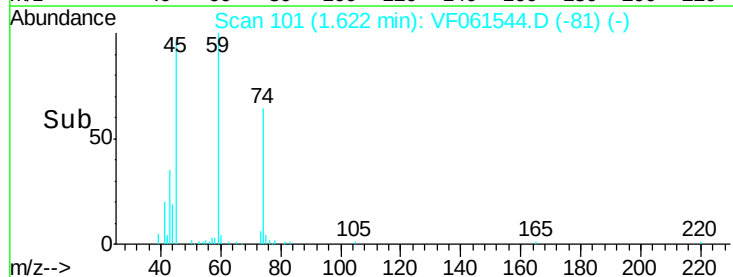
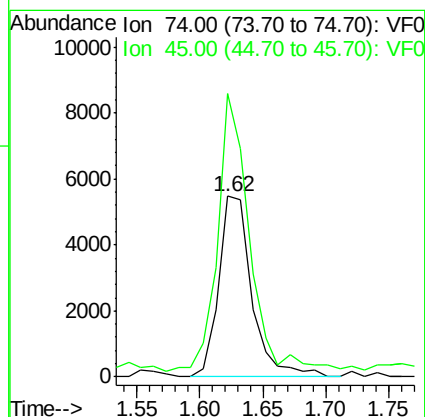
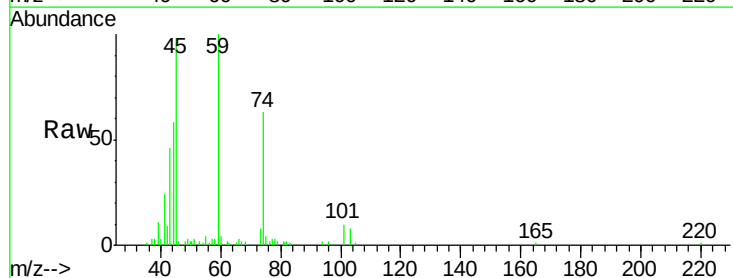
Tot Ion:101 Resp: 76568
Ion Ratio Lower Upper
101 100
103 68.3 49.7 74.5

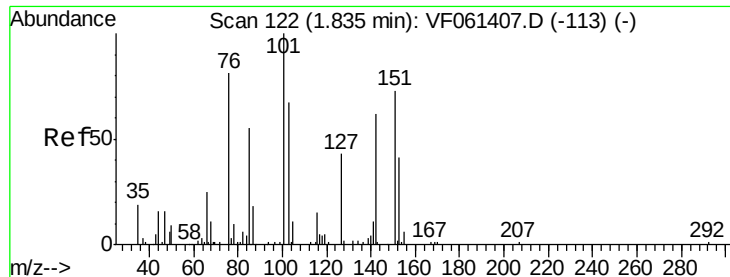


#8

Diethyl Ether
Concen: 16.909 ug/l
RT: 1.62 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Tgt Ion: 74 Resp: 9993
Ion Ratio Lower Upper
74 100
45 156.5 65.8 197.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.464 ug/l

RT: 1.83 min Scan# 122

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :

MSVOA_F

ClientSampleId :

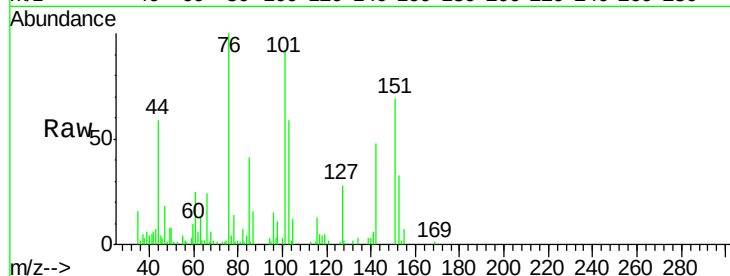
Tot Ion:101 Resp: 38703

Ion Ratio Lower Upper

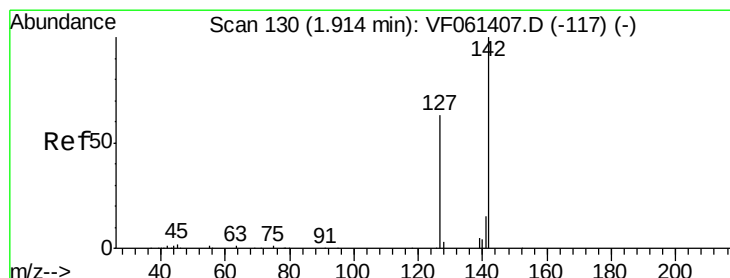
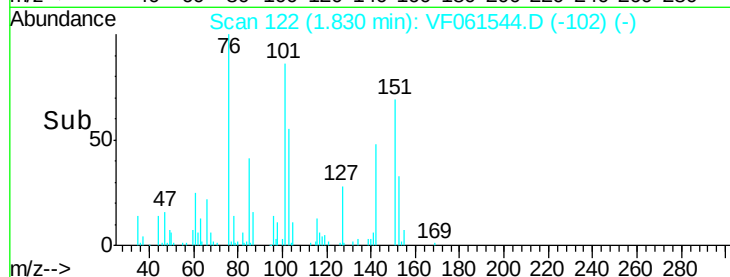
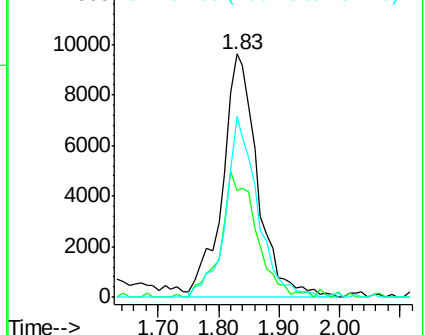
101 100

85 44.0 41.9 62.9

151 74.6 55.1 82.7



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VF0
Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 12.744 ug/l

RT: 1.91 min Scan# 130

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

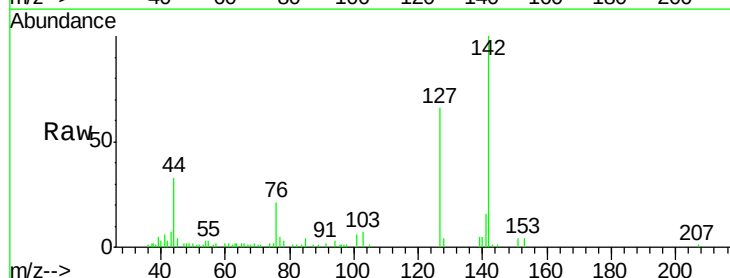
Tgt Ion:142 Resp: 43786

Ion Ratio Lower Upper

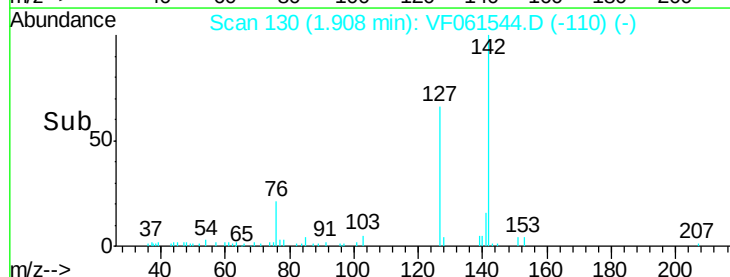
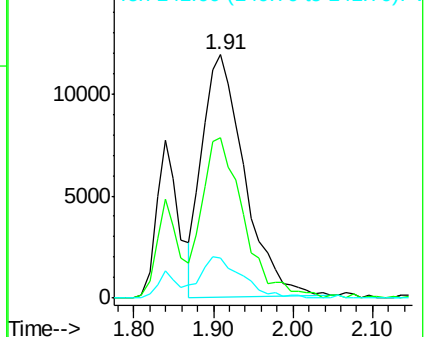
142 100

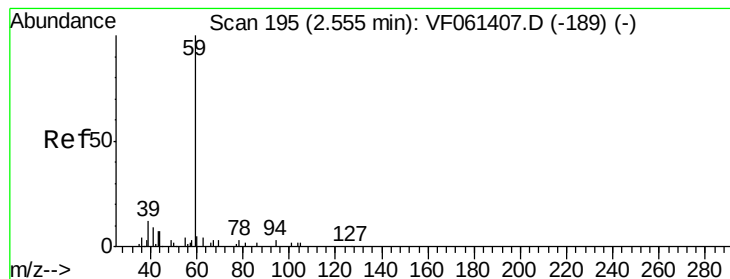
127 65.7 50.7 76.1

141 16.3 11.8 17.6



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V



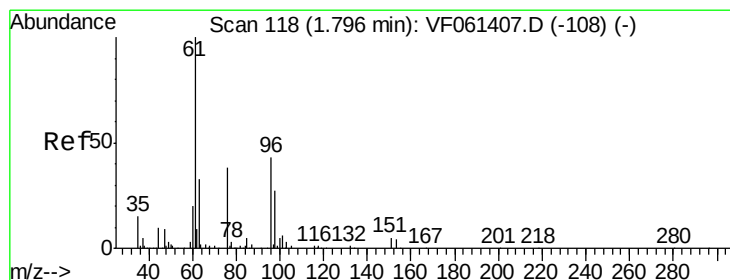
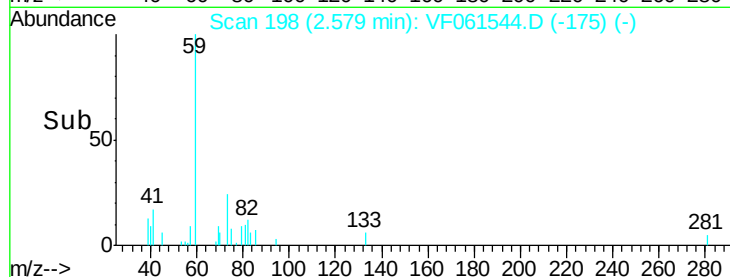
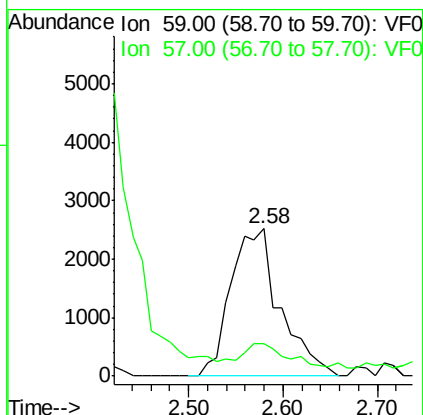
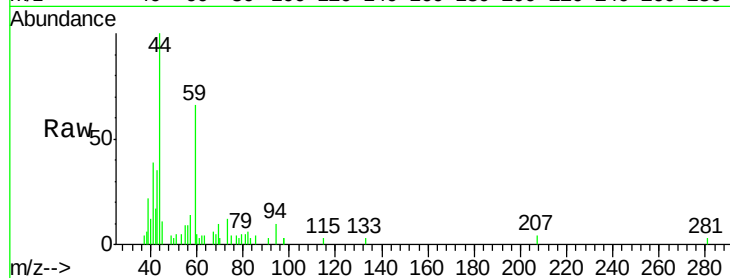


#11

Tert butyl alcohol
Concen: 94.319 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.02 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Instrument :
MSVOA_F
ClientSampled :

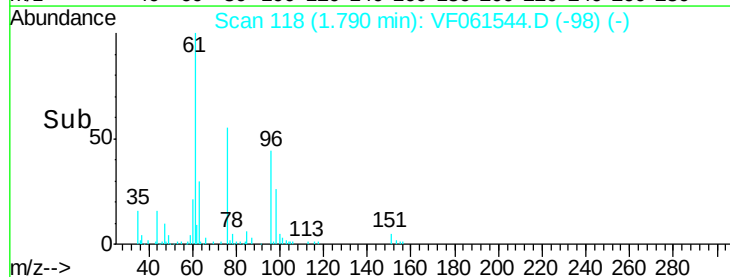
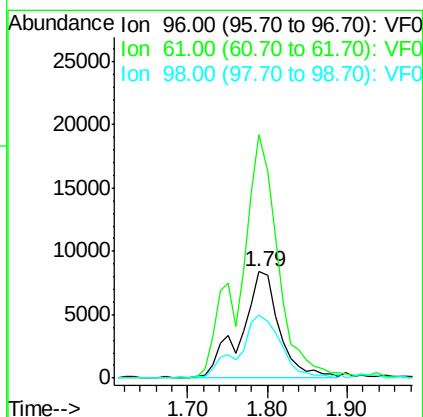
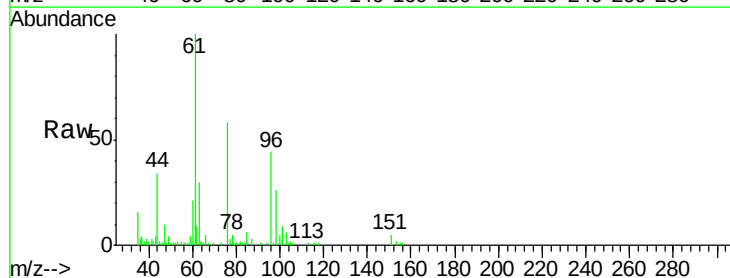
Tot Ion: 59 Resp: 9125
Ion Ratio Lower Upper
59 100
57 21.8 11.9 17.9#

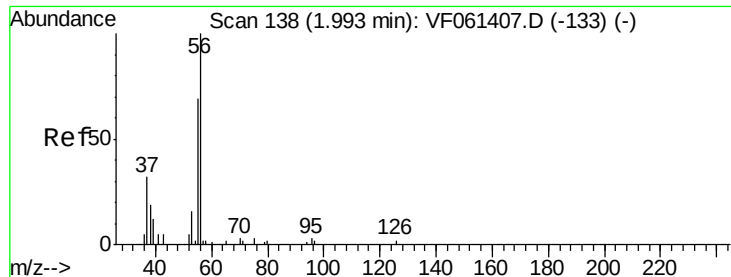


#12

1,1-Dichloroethene
Concen: 17.147 ug/l
RT: 1.79 min Scan# 118
Delta R.T. -0.01 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Tgt Ion: 96 Resp: 28233
Ion Ratio Lower Upper
96 100
61 229.1 186.9 280.3
98 59.0 53.0 79.4





#13

Acrolein

Concen: 62.508 ug/l

RT: 2.00 min Scan# 139

Delta R.T. 0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

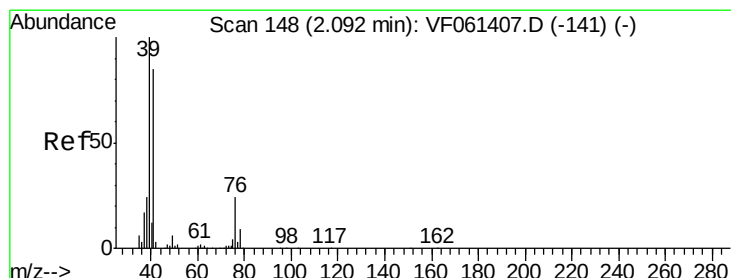
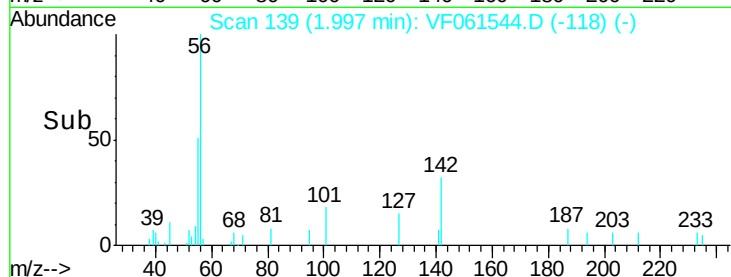
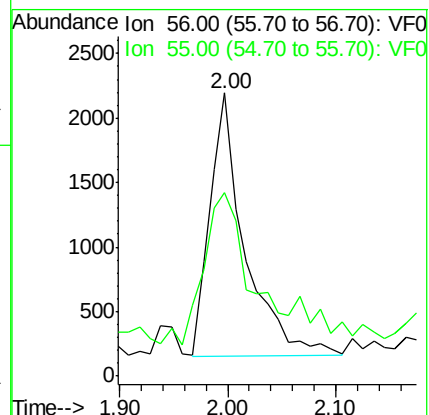
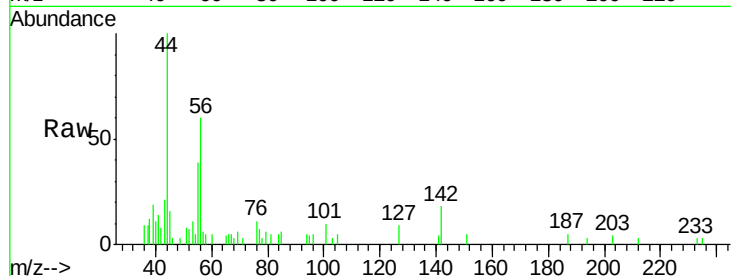
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 56 Resp: 4535

Ion Ratio Lower Upper

56 100

55 64.9 57.5 86.3



#14

Allyl chloride

Concen: 21.150 ug/l

RT: 2.10 min Scan# 149

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

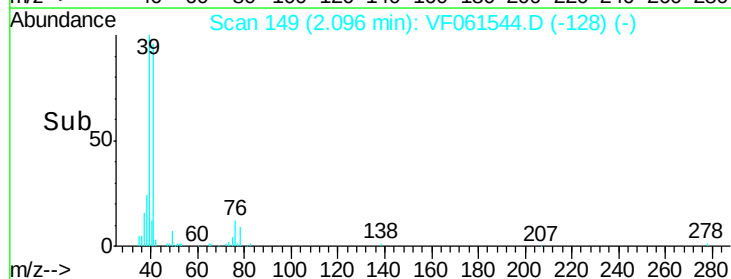
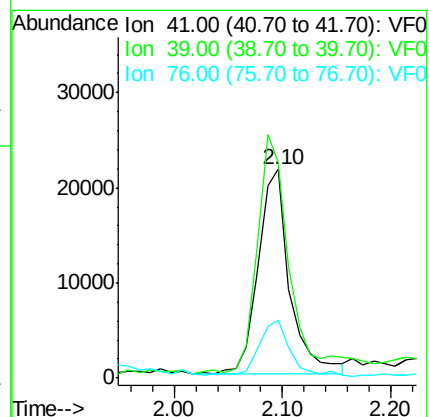
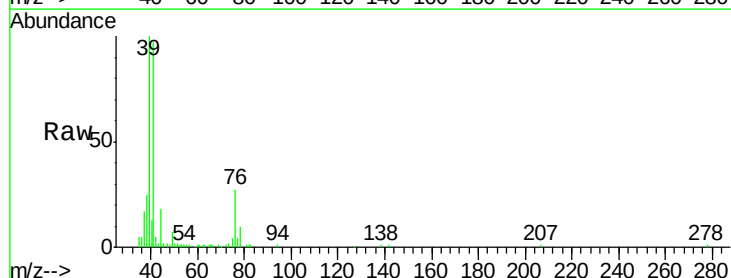
Tgt Ion: 41 Resp: 43843

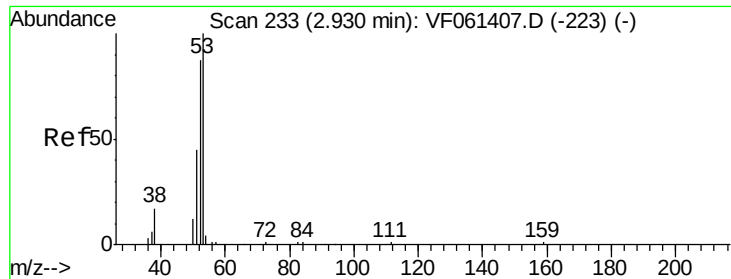
Ion Ratio Lower Upper

41 100

39 103.5 94.6 141.8

76 27.8 25.9 38.9





#15

Acrylonitrile

Concen: 87.290 ug/l

RT: 2.93 min Scan# 234

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :

MSVOA_F

ClientSampleId :

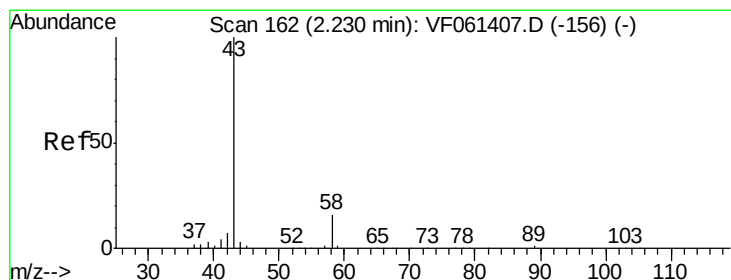
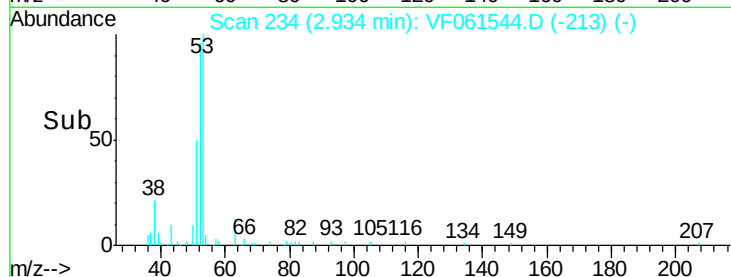
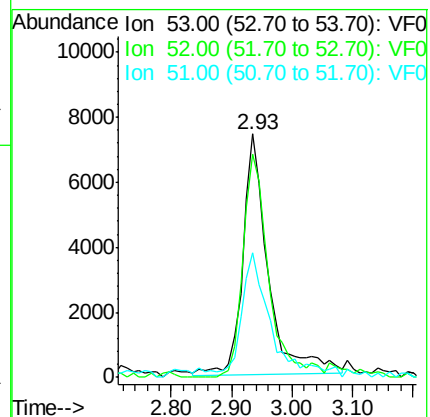
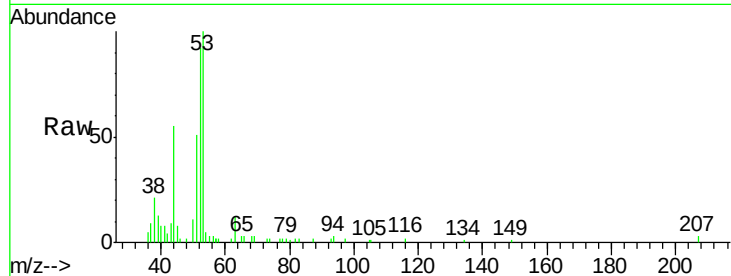
Tot Ion: 53 Resp: 21632

Ion Ratio Lower Upper

53 100

52 91.7 69.6 104.4

51 51.2 36.8 55.2



#16

Acetone

Concen: 119.797 ug/l

RT: 2.23 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061544.D

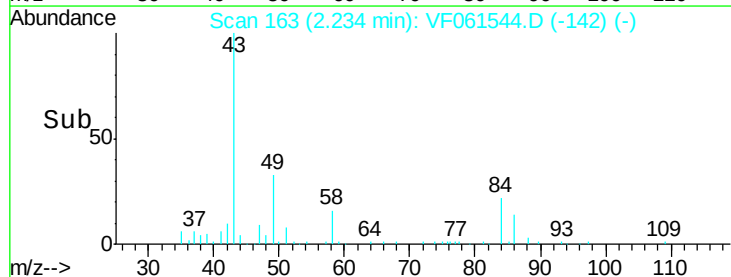
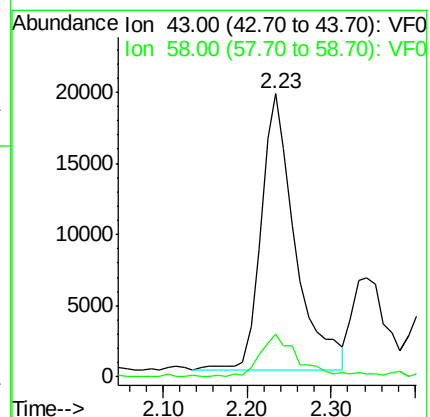
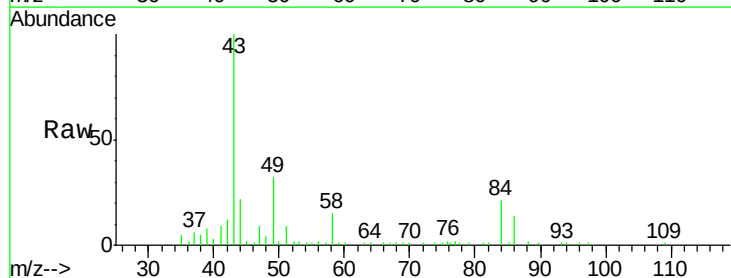
Acq: 7 Feb 2019 14:49

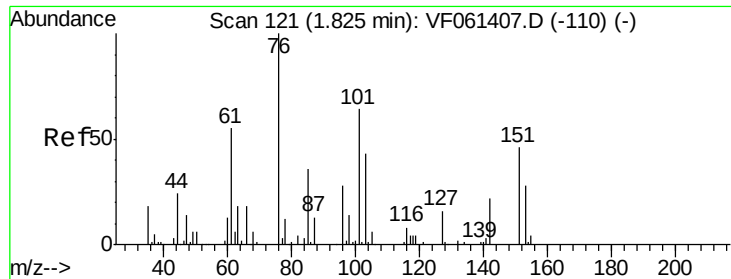
Tgt Ion: 43 Resp: 54930

Ion Ratio Lower Upper

43 100

58 15.1 13.3 19.9





#17

Carbon Disulfide

Concen: 16.324 ug/l

RT: 1.81 min Scan# 120

Delta R.T. -0.02 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :

MSVOA_F

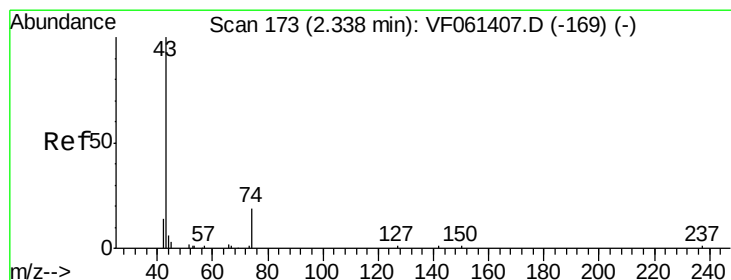
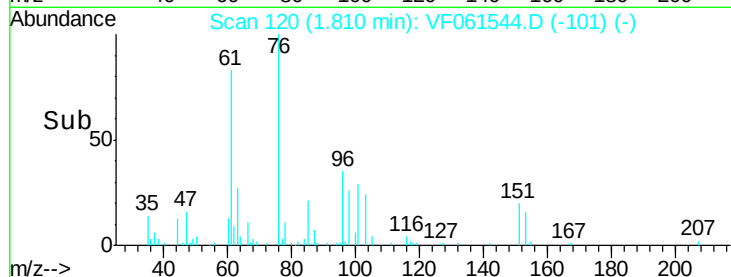
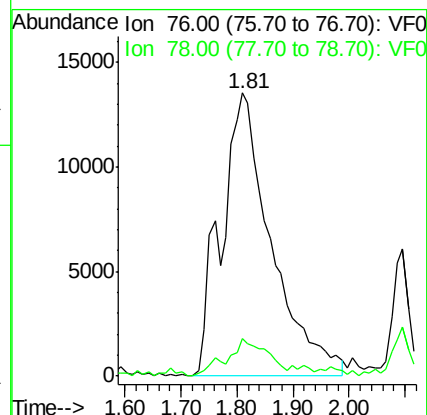
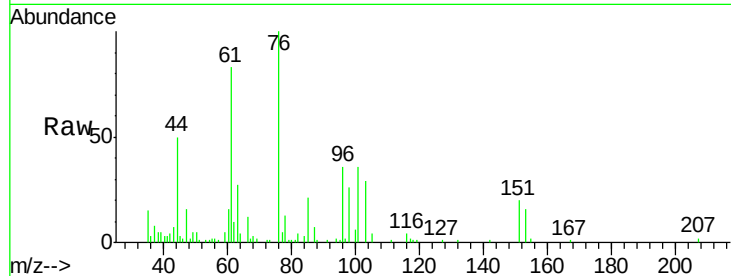
ClientSampled :

Tot Ion: 76 Resp: 83804

Ion Ratio Lower Upper

76 100

78 13.1 9.6 14.4



#18

Methyl Acetate

Concen: 17.205 ug/l

RT: 2.34 min Scan# 174

Delta R.T. 0.00 min

Lab File: VF061544.D

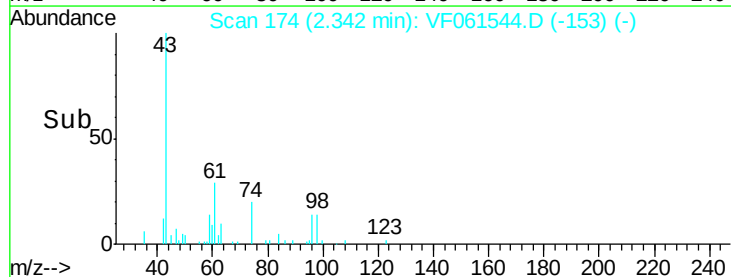
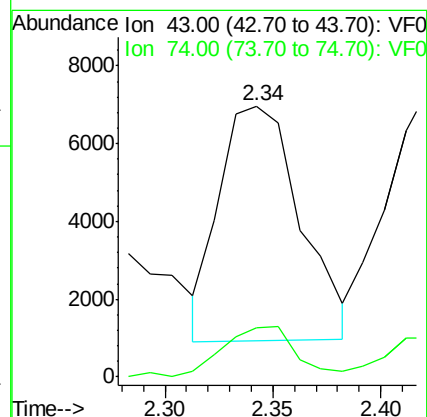
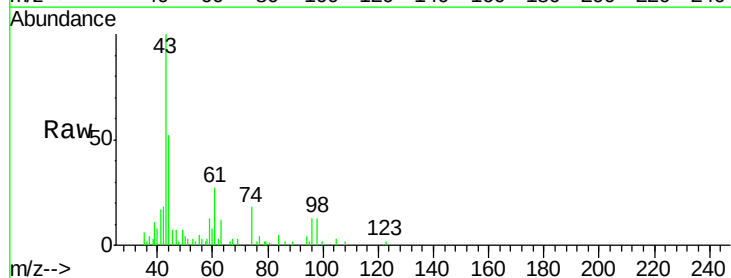
Acq: 7 Feb 2019 14:49

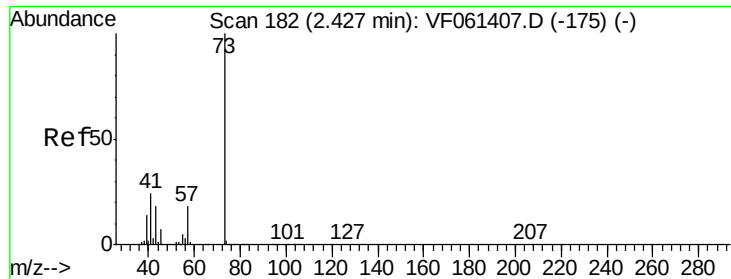
Tgt Ion: 43 Resp: 15645

Ion Ratio Lower Upper

43 100

74 18.4 13.4 20.0



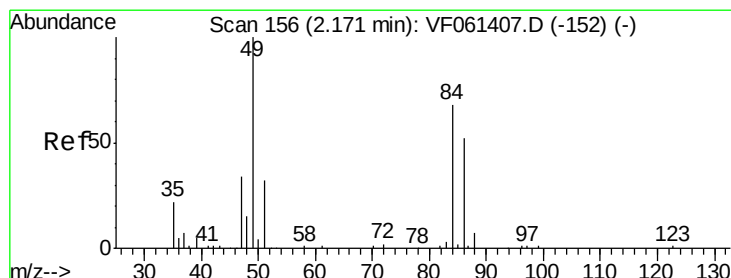
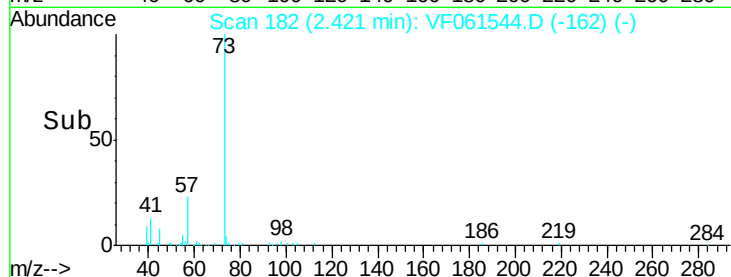
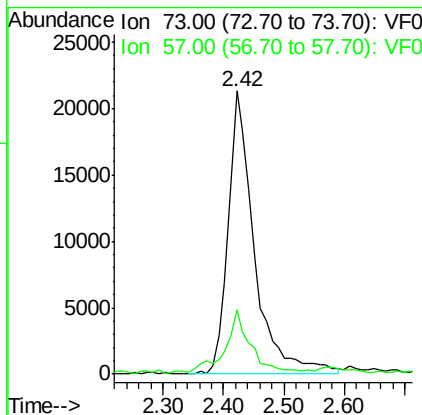
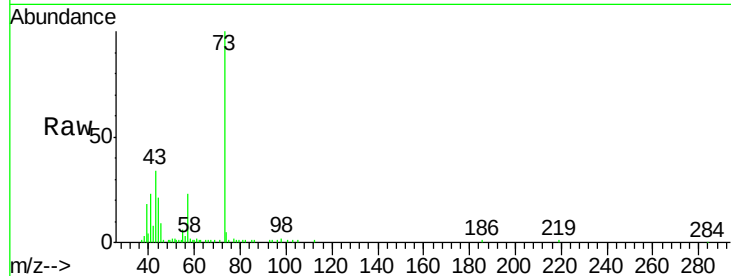


#19

Methyl tert-butyl Ether
Concen: 17.408 ug/l
RT: 2.42 min Scan# 182
Delta R.T. -0.01 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :

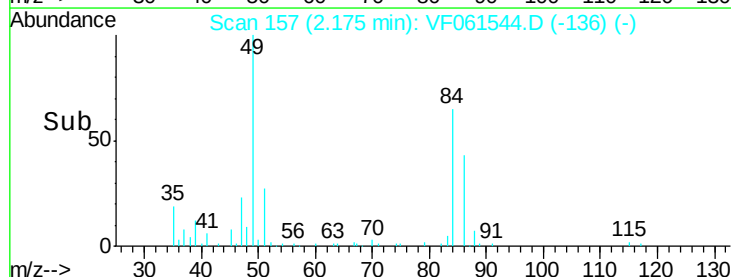
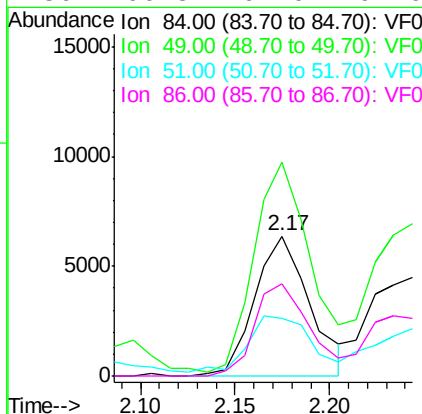
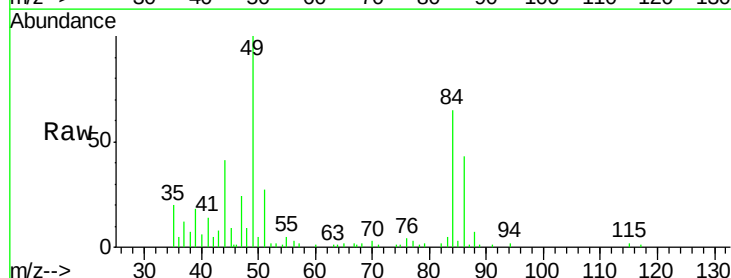
Tot Ion: 73 Resp: 64255
Ion Ratio Lower Upper
73 100
57 22.7 14.8 22.2#

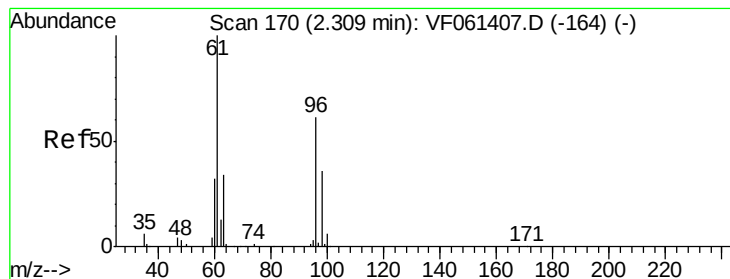


#20

Methylene Chloride
Concen: 6.740 ug/l
RT: 2.17 min Scan# 157
Delta R.T. 0.00 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Tgt Ion: 84 Resp: 12857
Ion Ratio Lower Upper
84 100
49 152.9 120.0 180.0
51 41.6 38.6 58.0
86 66.3 61.0 91.6





#21

trans-1,2-Dichloroethene

Concen: 16.522 ug/l

RT: 2.30 min Scan# 170

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :

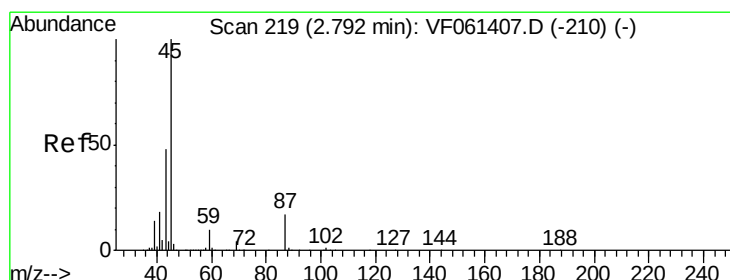
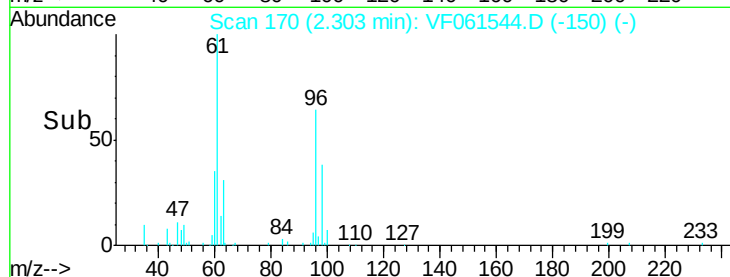
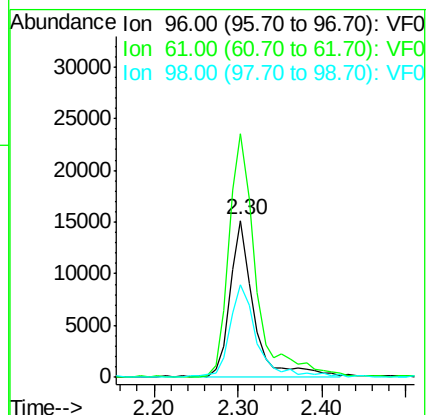
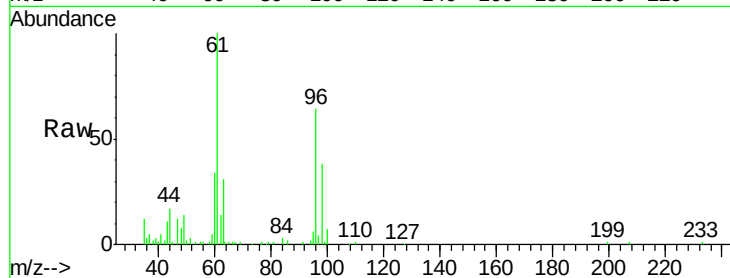
Tot Ion: 96 Resp: 29930

Ion Ratio Lower Upper

96 100

61 155.1 131.8 197.8

98 59.0 47.4 71.0



#22

Diisopropyl ether

Concen: 18.232 ug/l

RT: 2.80 min Scan# 220

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Tgt Ion: 45 Resp: 106831

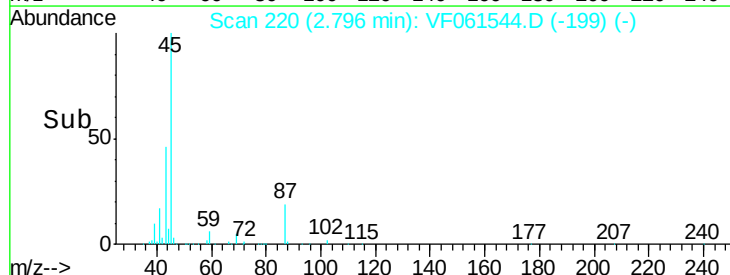
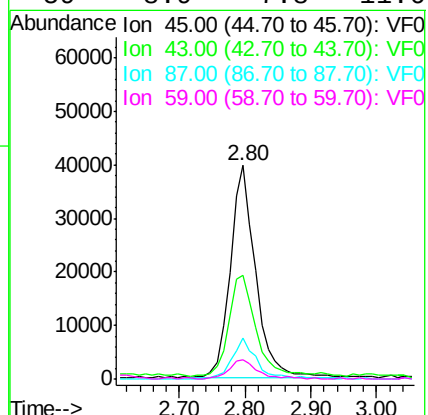
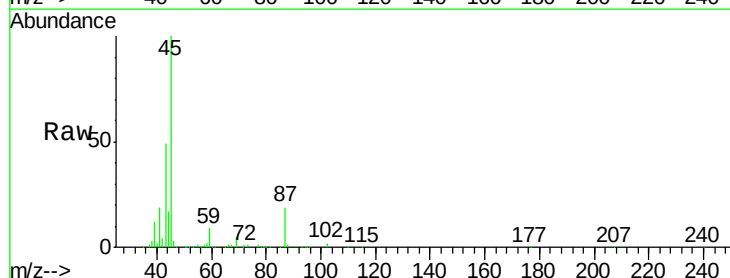
Ion Ratio Lower Upper

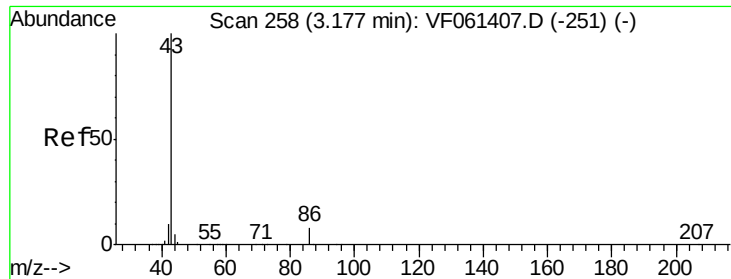
45 100

43 48.5 39.0 58.6

87 18.9 13.9 20.9

59 8.9 7.8 11.6





#23

Vinyl Acetate

Concen: 95.258 ug/l

RT: 3.18 min Scan# 259

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

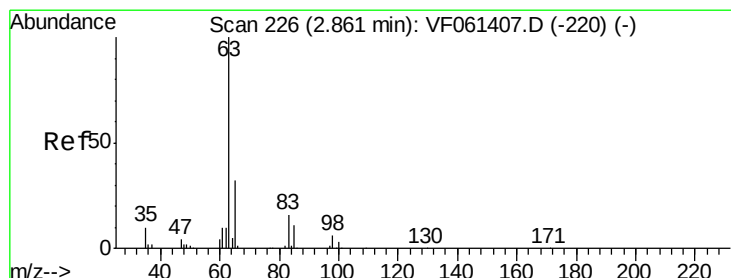
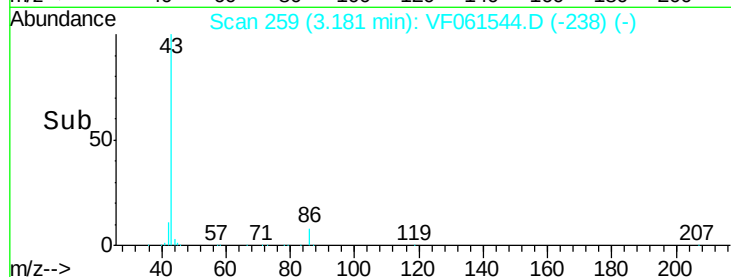
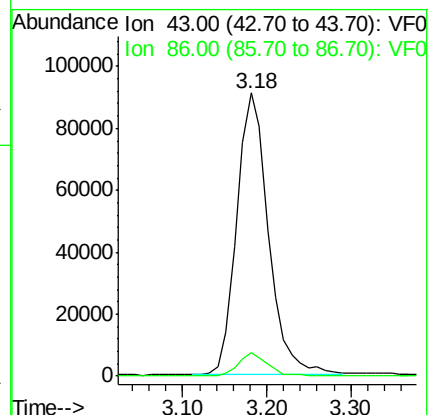
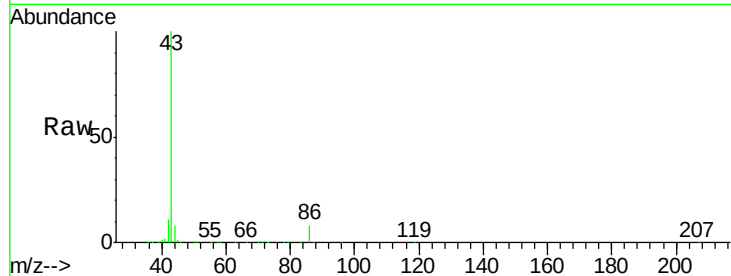
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 240341

Ion Ratio Lower Upper

43 100

86 8.2 6.2 9.4



#24

1,1-Dichloroethane

Concen: 16.648 ug/l

RT: 2.87 min Scan# 227

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

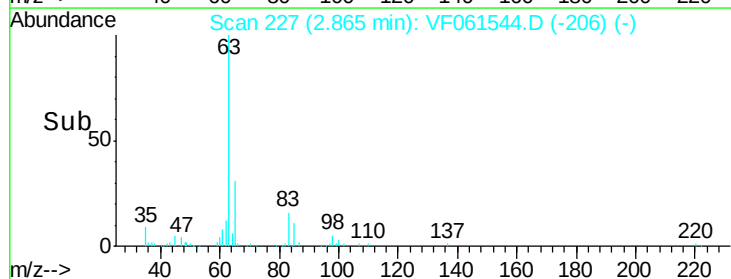
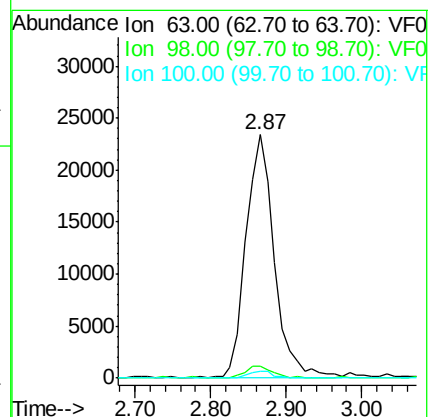
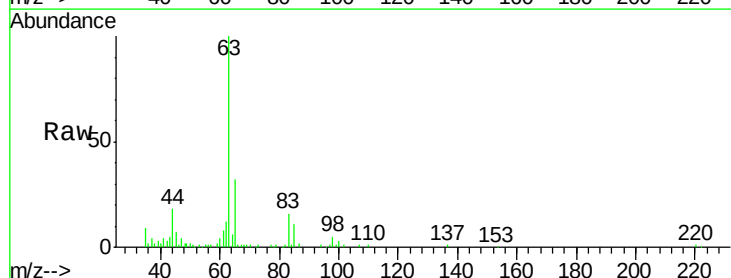
Tgt Ion: 63 Resp: 61223

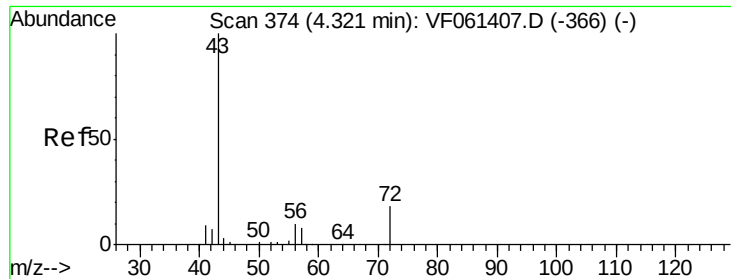
Ion Ratio Lower Upper

63 100

98 4.9 2.9 8.8

100 2.6 1.6 4.8





#25

2-Butanone

Concen: 100.398 ug/l

RT: 4.33 min Scan# 375

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

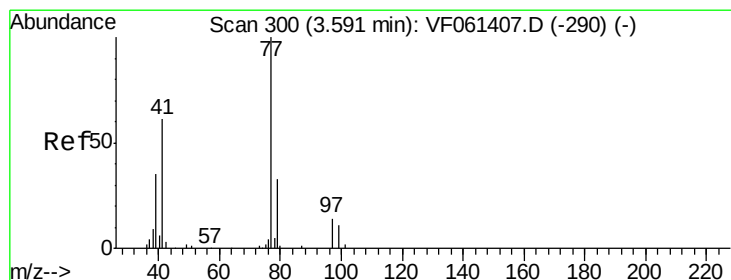
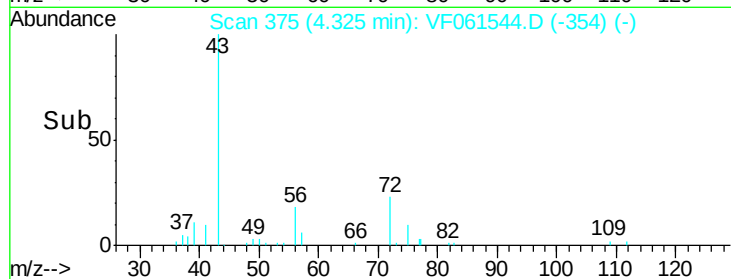
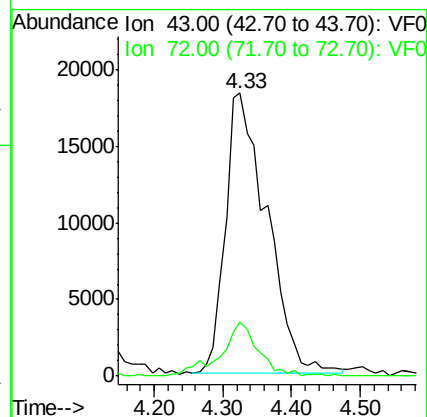
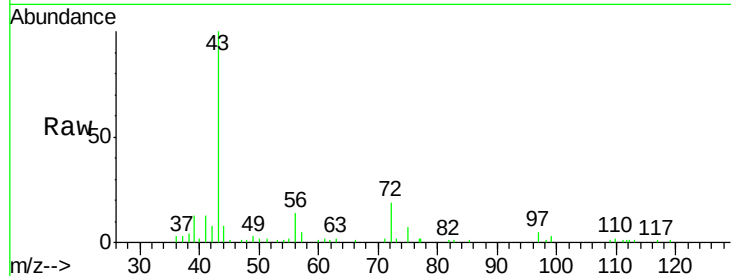
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 76554

Ion Ratio Lower Upper

43 100

72 19.2 15.8 23.6



#26

2,2-Dichloropropane

Concen: 18.640 ug/l

RT: 3.60 min Scan# 301

Delta R.T. 0.01 min

Lab File: VF061544.D

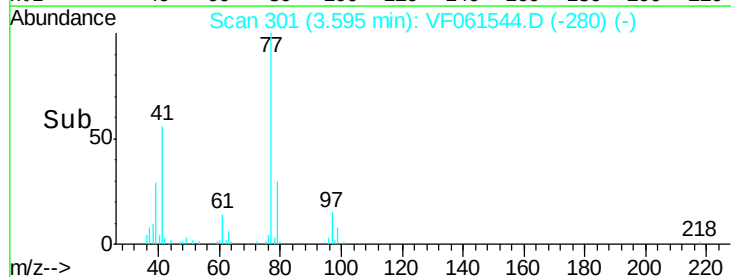
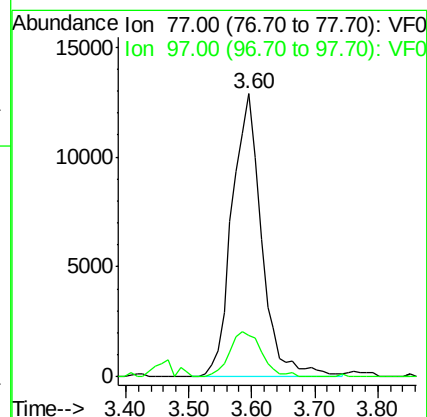
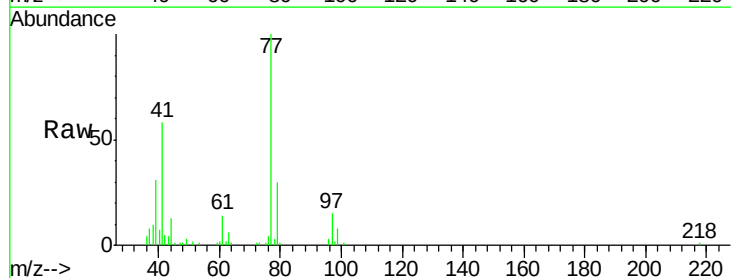
Acq: 7 Feb 2019 14:49

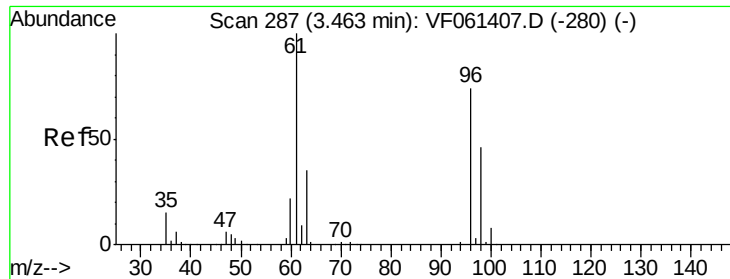
Tgt Ion: 77 Resp: 42116

Ion Ratio Lower Upper

77 100

97 14.7 8.5 25.5



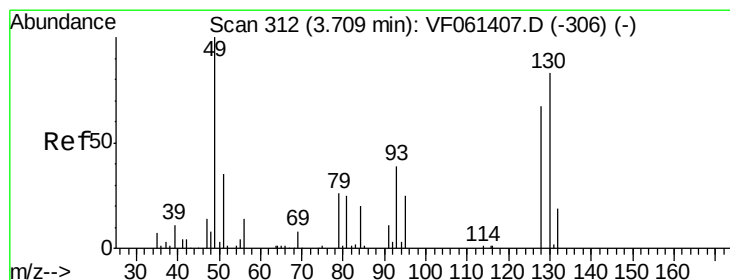
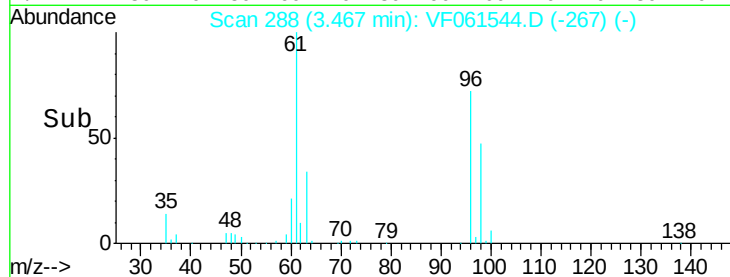
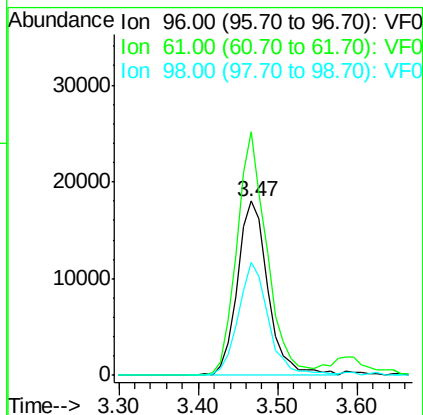
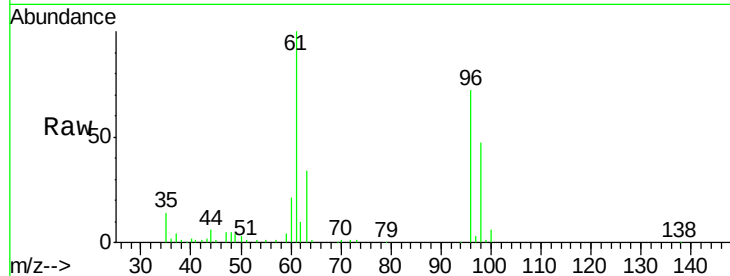


#27

cis-1,2-Dichloroethene
Concen: 17.855 ug/l
RT: 3.47 min Scan# 288
Delta R.T. 0.00 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :

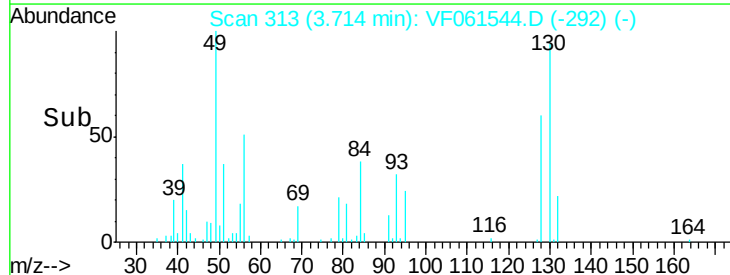
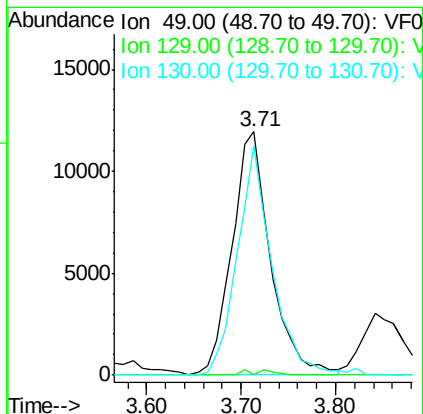
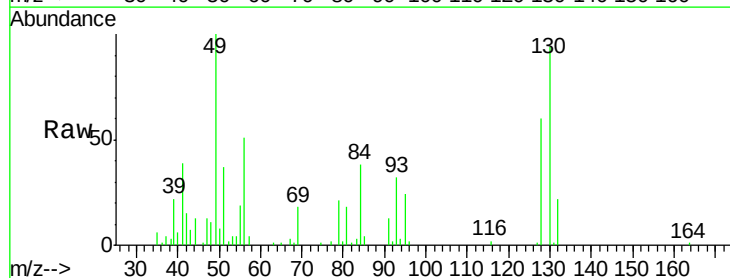
Tot Ion: 96 Resp: 47747
Ion Ratio Lower Upper
96 100
61 139.6 0.0 270.2
98 65.1 0.0 124.0

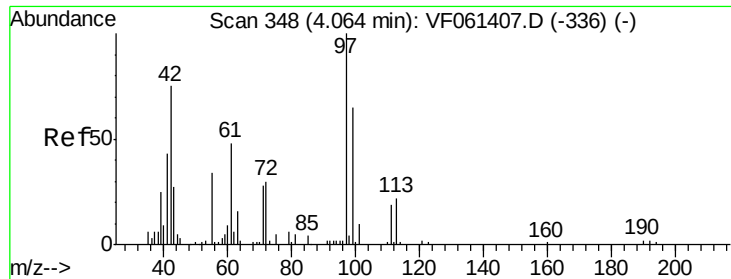


#28

Bromochloromethane
Concen: 20.422 ug/l
RT: 3.71 min Scan# 313
Delta R.T. 0.00 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Tgt Ion: 49 Resp: 33758
Ion Ratio Lower Upper
49 100
129 0.0 0.0 0.0
130 94.2 65.4 98.2

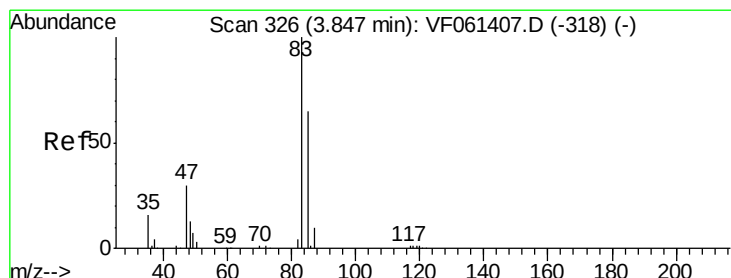
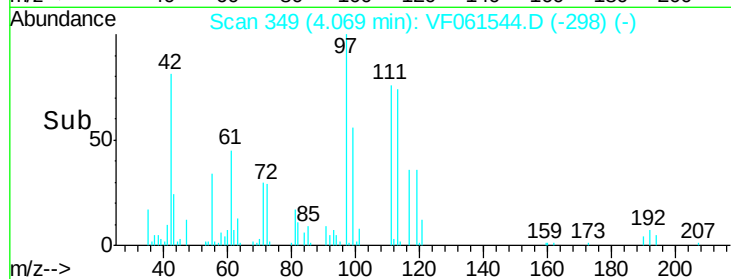
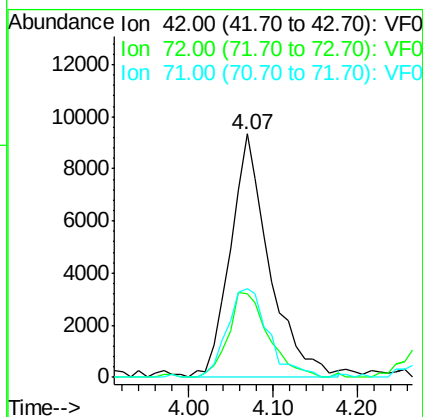
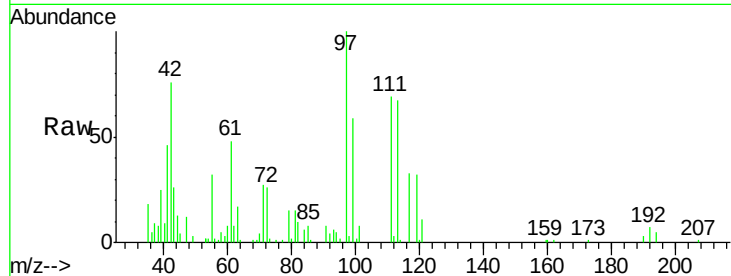




#29
Tetrahydrofuran
Concen: 91.917 ug/l
RT: 4.07 min Scan# 349
Delta R.T. 0.00 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

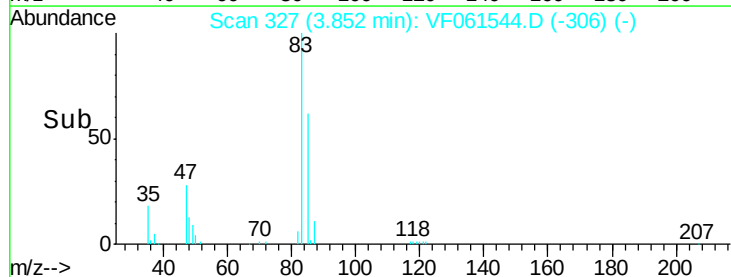
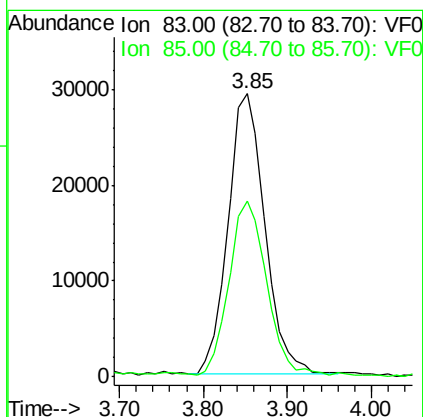
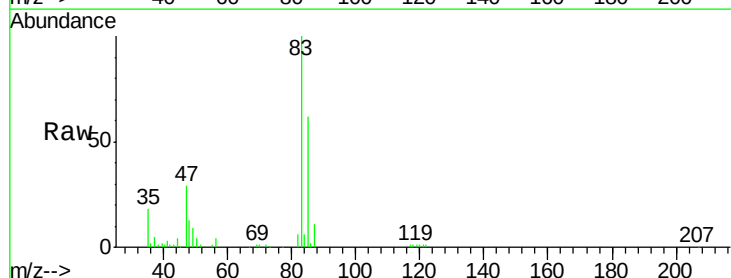
Instrument :
MSVOA_F
ClientSampled :

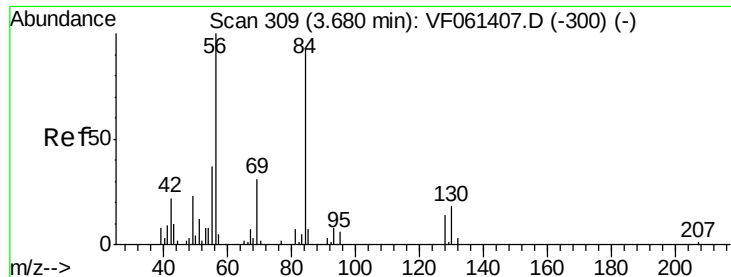
Tot Ion: 42 Resp: 30179
Ion Ratio Lower Upper
42 100
72 35.8 28.9 43.3
71 38.4 29.6 44.4



#30
Chloroform
Concen: 17.989 ug/l
RT: 3.85 min Scan# 327
Delta R.T. 0.00 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Tgt Ion: 83 Resp: 89282
Ion Ratio Lower Upper
83 100
85 62.1 52.7 79.1





#31

Cyclohexane

Concen: 10.863 ug/l

RT: 3.67 min Scan# 309

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :

MSVOA_F

ClientSampleId :

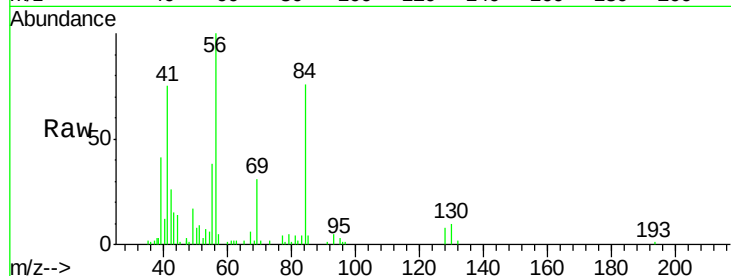
Tot Ion: 56 Resp: 39905

Ion Ratio Lower Upper

56 100

69 30.6 24.6 36.8

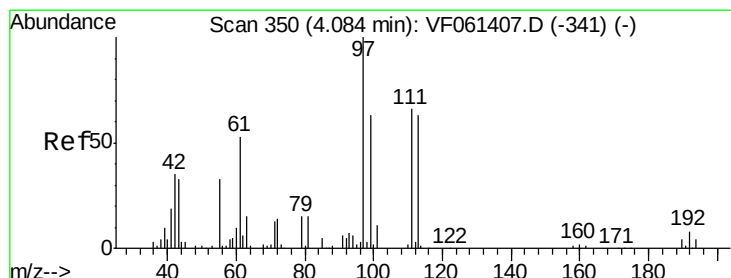
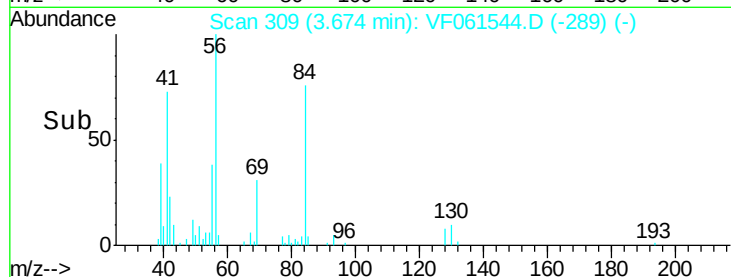
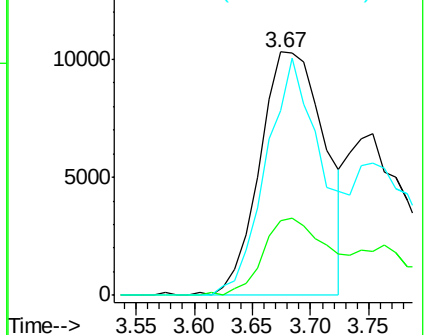
84 75.9 74.2 111.2



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



#32

1,1,1-Trichloroethane

Concen: 16.066 ug/l

RT: 4.09 min Scan# 351

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

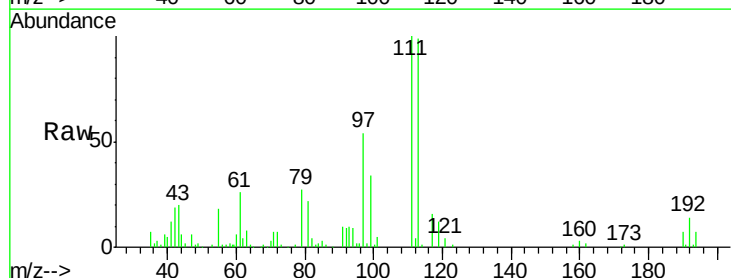
Tgt Ion: 97 Resp: 58467

Ion Ratio Lower Upper

97 100

99 62.8 50.1 75.1

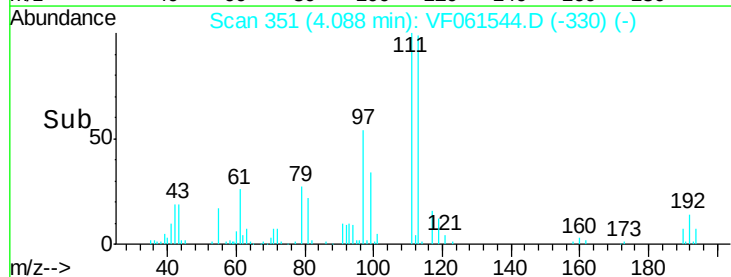
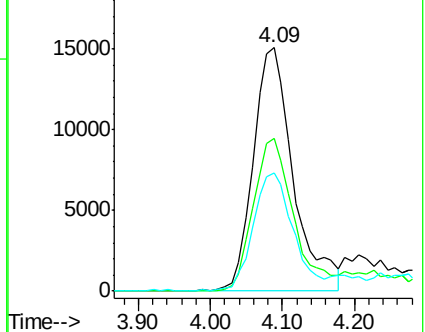
61 48.4 43.1 64.7

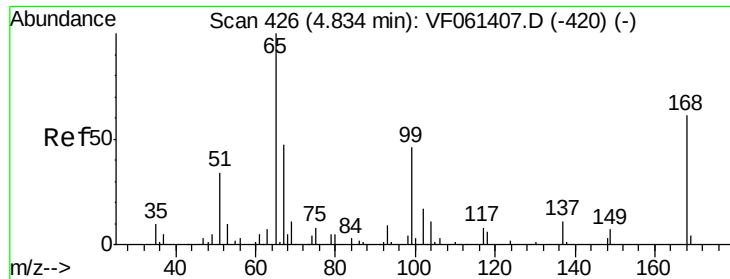


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 49.003 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

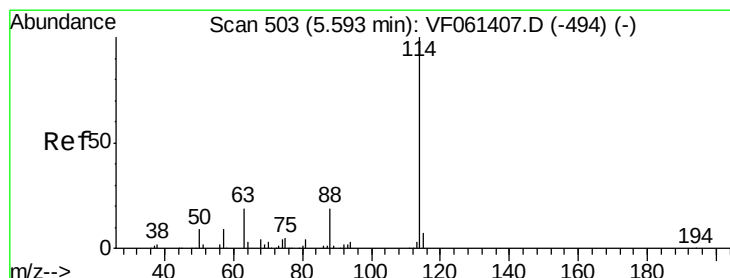
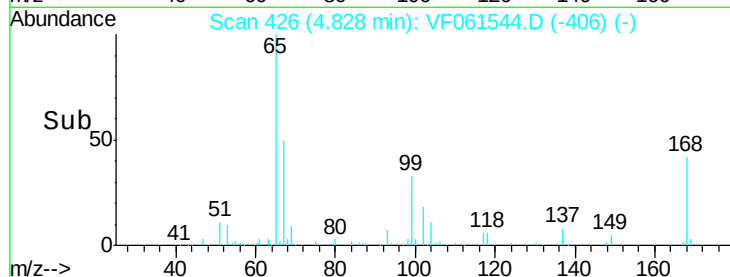
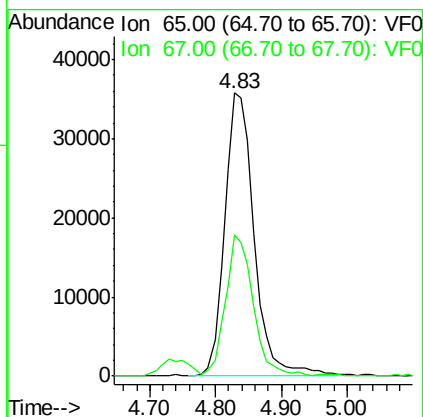
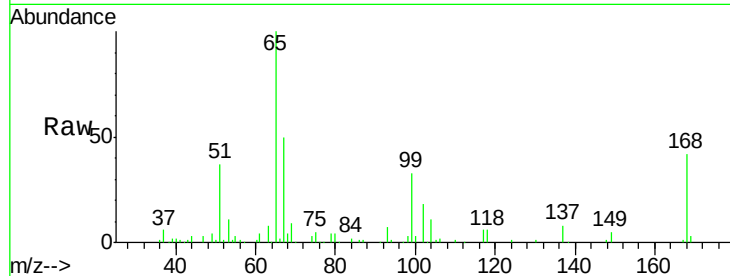
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 65 Resp: 112003

Ion Ratio Lower Upper

65 100

67 49.9 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

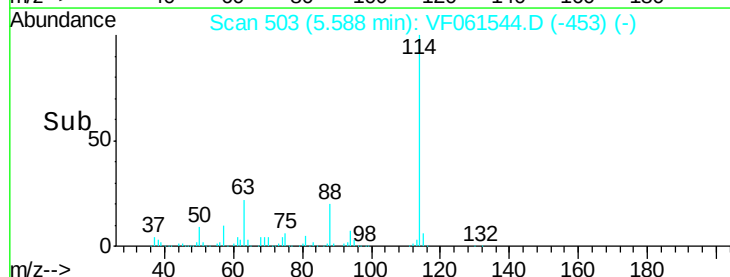
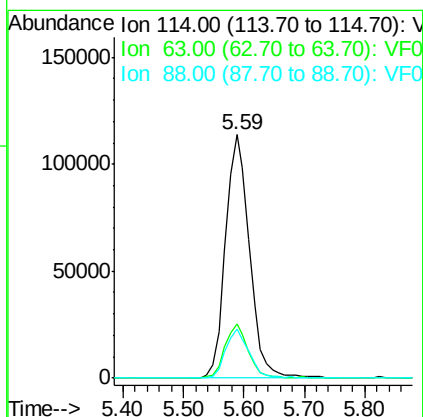
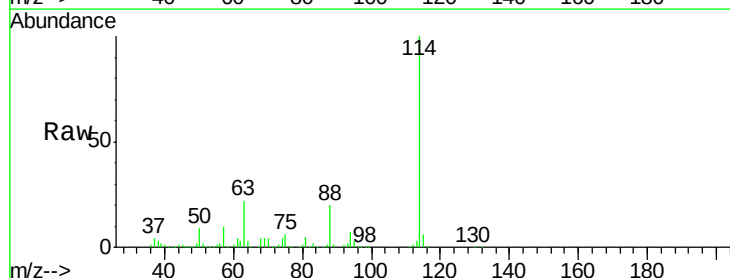
Tgt Ion: 114 Resp: 313657

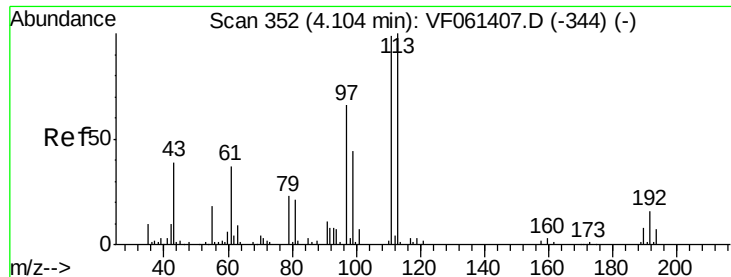
Ion Ratio Lower Upper

114 100

63 22.4 0.0 39.0

88 20.3 0.0 37.4





#35

Dibromofluoromethane

Concen: 47.854 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :

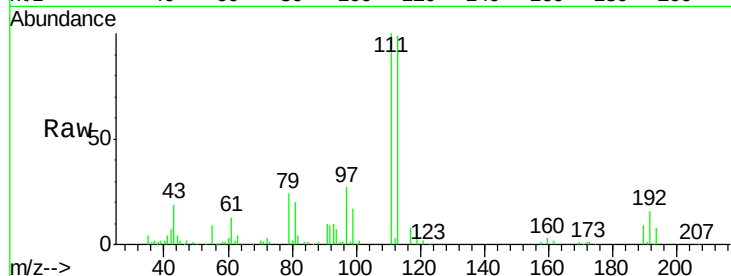
Tot Ion:113 Resp: 118439

Ion Ratio Lower Upper

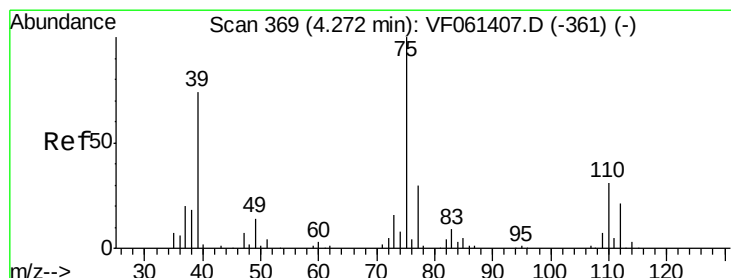
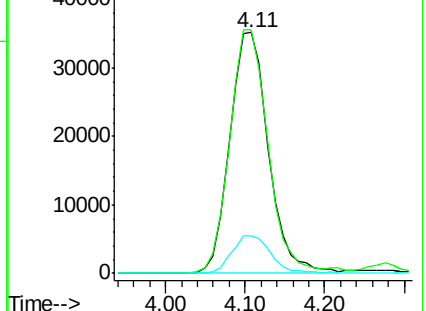
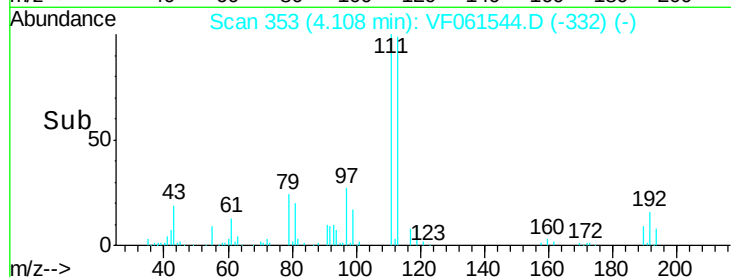
113 100

111 101.0 79.4 119.0

192 15.8 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



#36

1,1-Dichloropropene

Concen: 17.680 ug/l

RT: 4.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

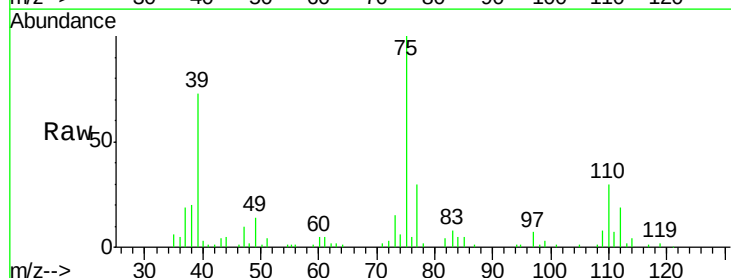
Tgt Ion: 75 Resp: 64295

Ion Ratio Lower Upper

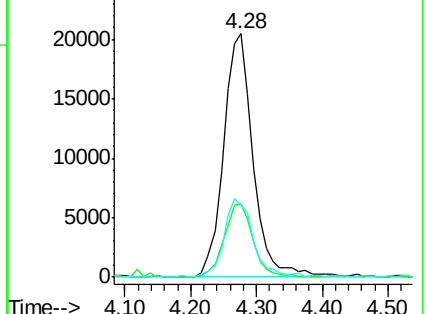
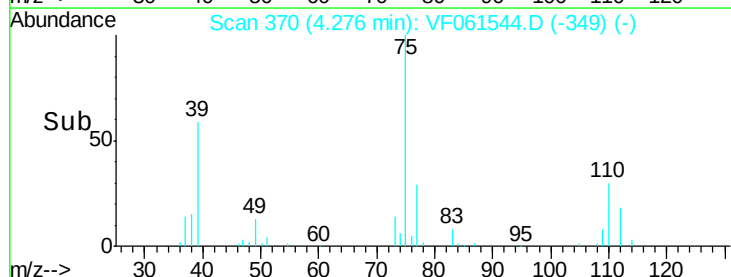
75 100

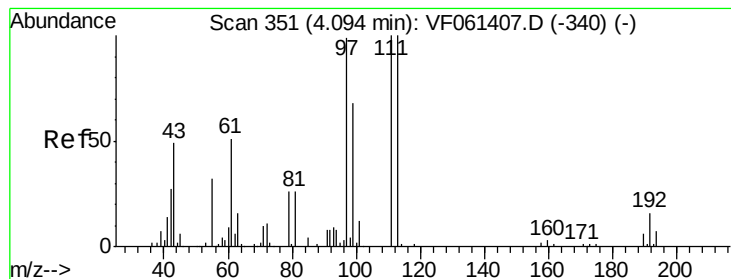
110 30.1 15.8 47.3

77 29.8 24.0 36.0



Abundance Ion 75.00 (74.70 to 75.70): VF0
Ion 110.00 (109.70 to 110.70): V
Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: 18.521 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.01 min

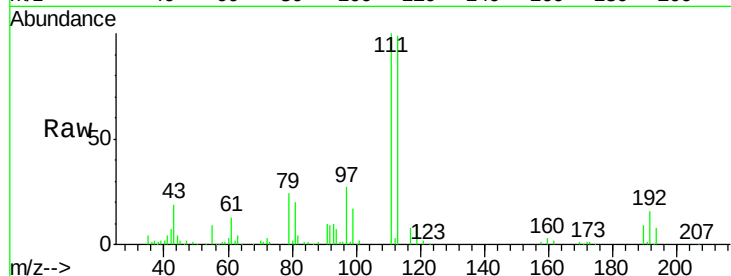
Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

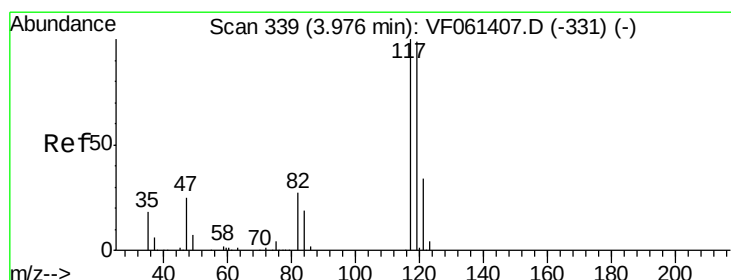
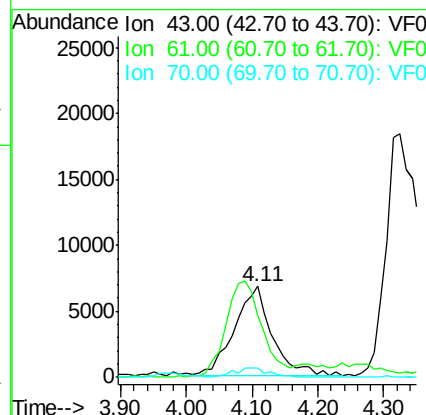
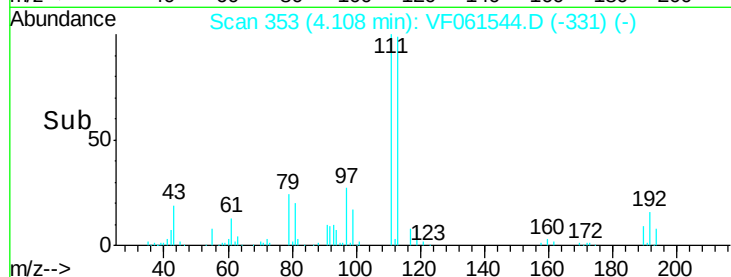
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 26924

Ion	Ratio	Lower	Upper
43	100		
61	67.5	81.7	122.5#
70	10.2	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



#38

Carbon Tetrachloride

Concen: 17.632 ug/l

RT: 3.98 min Scan# 340

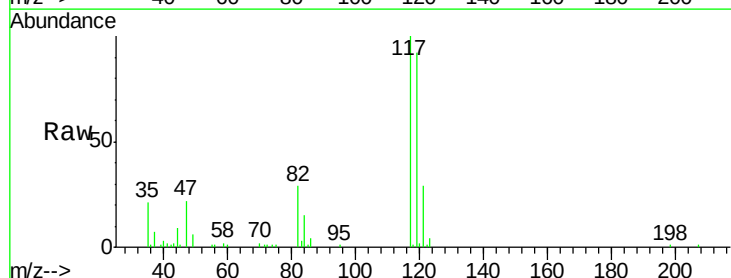
Delta R.T. 0.00 min

Lab File: VF061544.D

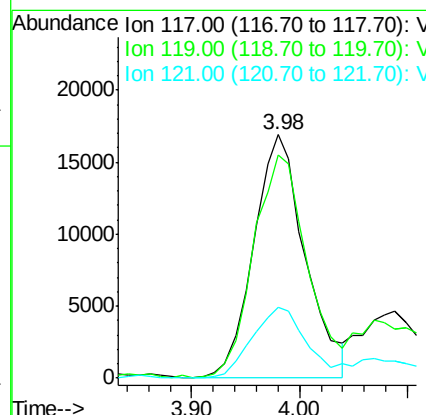
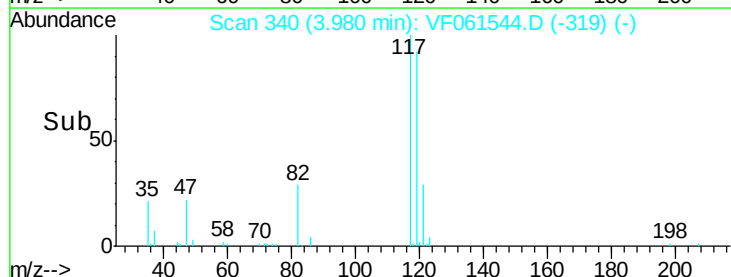
Acq: 7 Feb 2019 14:49

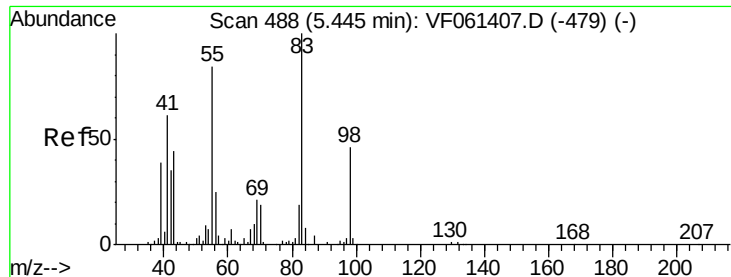
Tgt Ion: 117 Resp: 56058

Ion	Ratio	Lower	Upper
117	100		
119	91.6	79.0	118.6
121	29.1	27.0	40.6



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

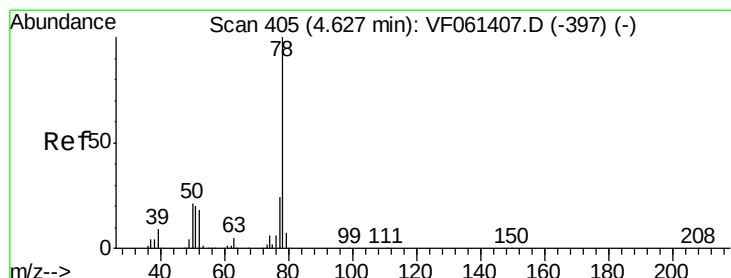
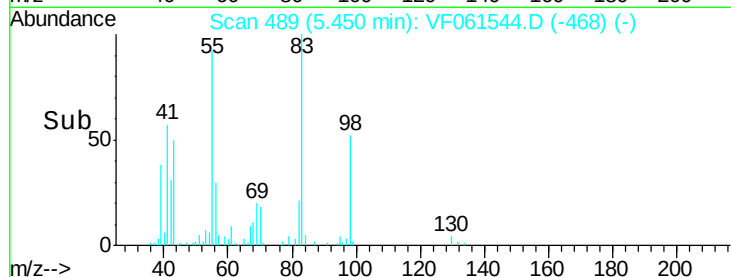
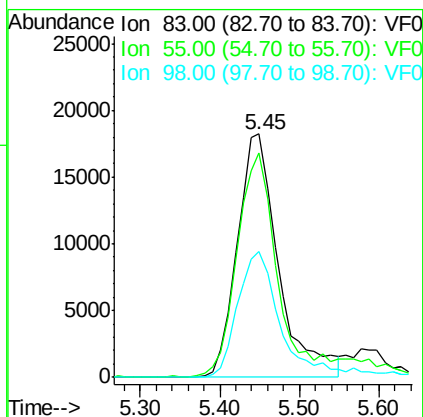
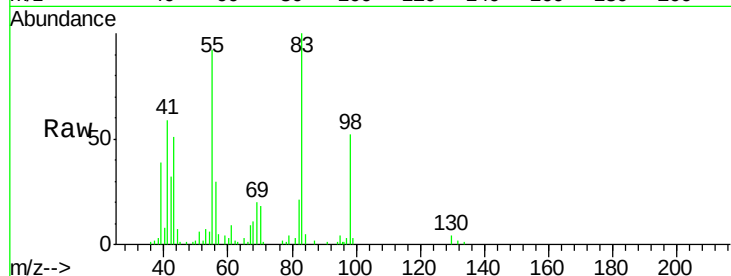




#39
Methylvlcyclohexane
Concen: 16.636 ug/l
RT: 5.45 min Scan# 489
Delta R.T. 0.00 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

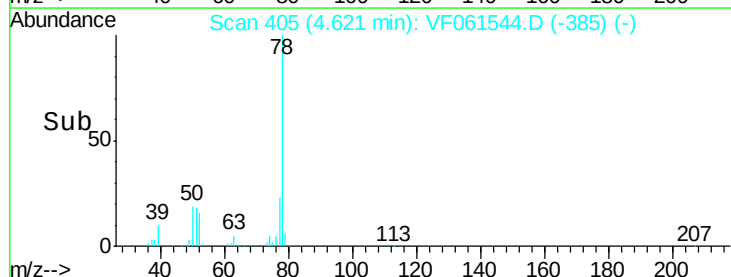
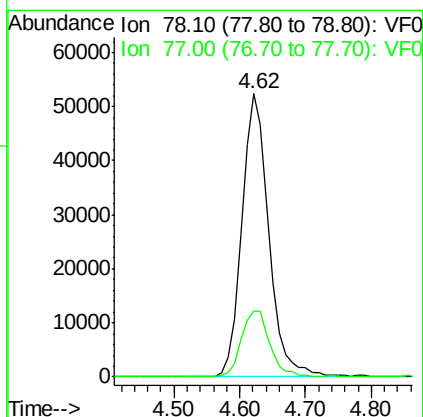
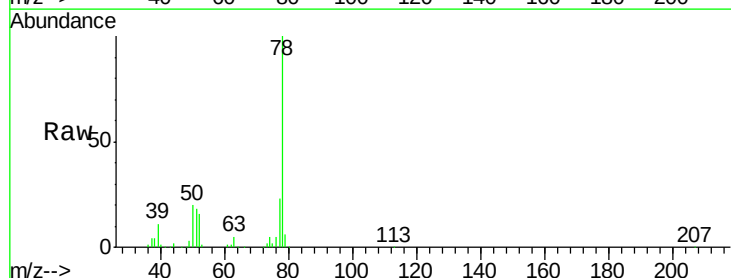
Instrument :
MSVOA_F
ClientSampleId :

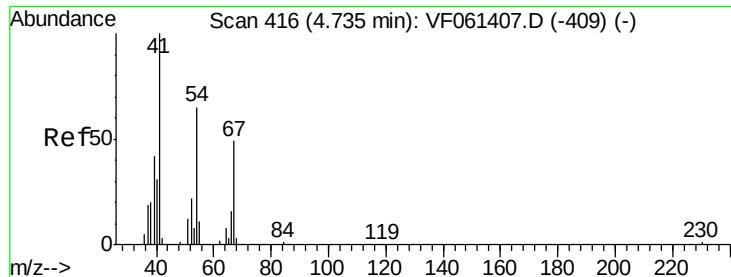
Tot Ion: 83 Resp: 65565
Ion Ratio Lower Upper
83 100
55 92.2 67.4 101.2
98 51.9 36.7 55.1



#40
Benzene
Concen: 18.600 ug/l
RT: 4.62 min Scan# 405
Delta R.T. -0.01 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Tgt Ion: 78 Resp: 150520
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6

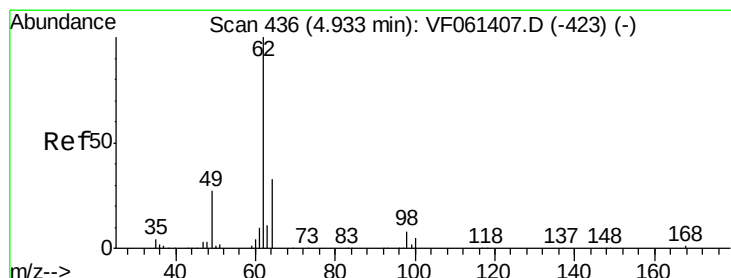
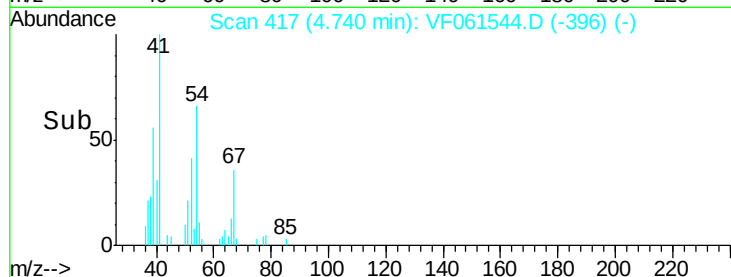
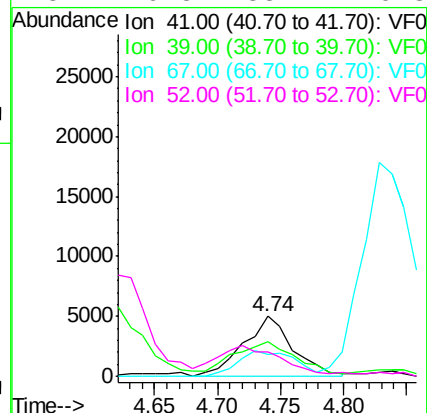
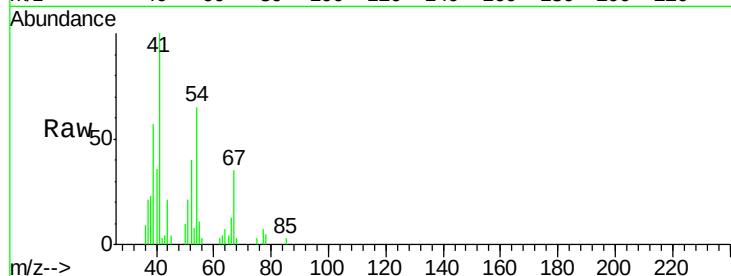




#41
Methacrylonitrile
Concen: 17.559 ug/l
RT: 4.74 min Scan# 417
Delta R.T. 0.00 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

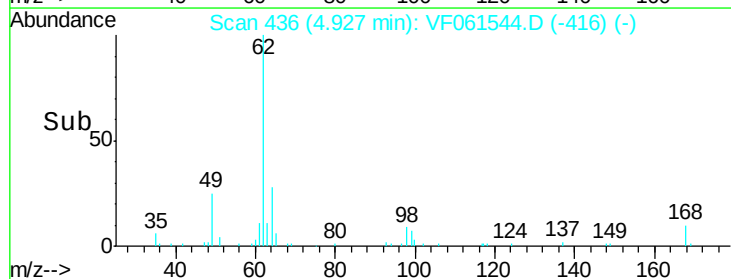
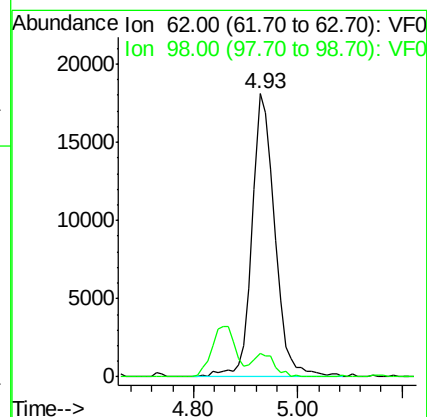
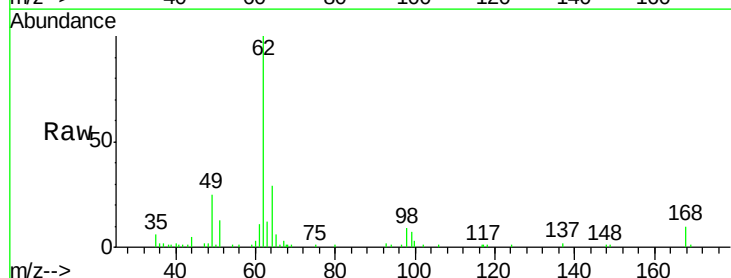
Instrument :
MSVOA_F
ClientSampleId :

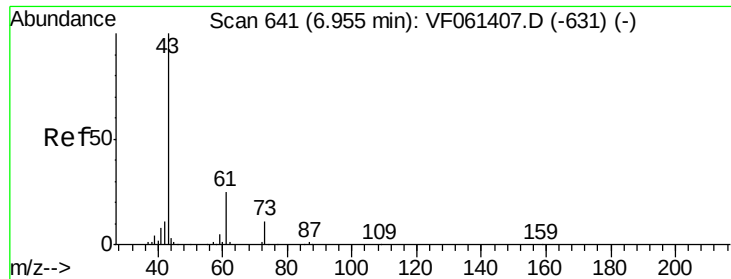
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.5	43.1	64.7	
67	35.5	38.8	58.2	
52	40.3	33.2	49.8	



#42
1,2-Dichloroethane
Concen: 18.542 ug/l
RT: 4.93 min Scan# 436
Delta R.T. -0.01 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	17.0	





#43

Isopropyl Acetate

Concen: 16.945 ug/l

RT: 6.95 min Scan# 641

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :

MSVOA_F

ClientSampleId :

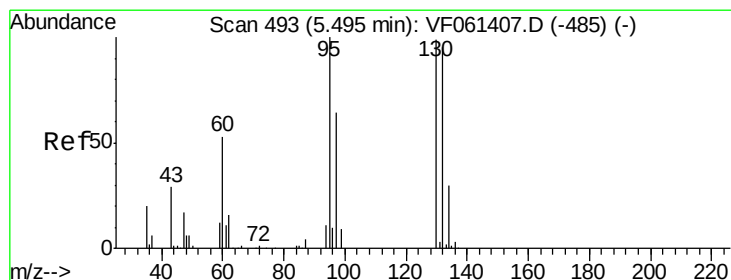
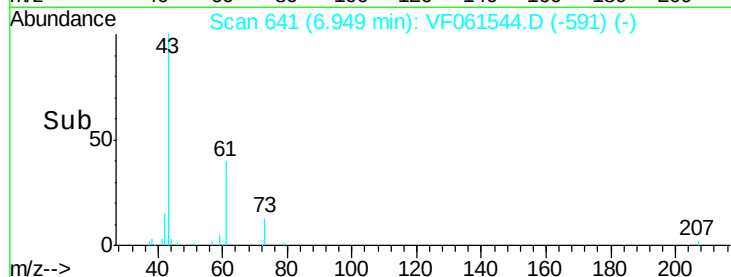
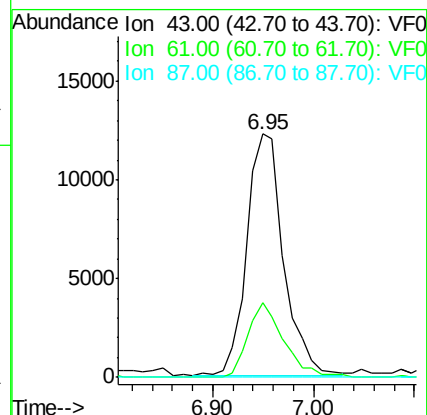
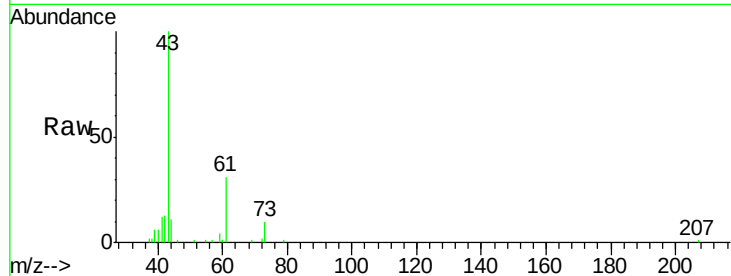
Tot Ion: 43 Resp: 30917

Ion Ratio Lower Upper

43 100

61 30.7 20.3 30.5#

87 0.0 0.5 0.7#



#44

Trichloroethene

Concen: 18.538 ug/l

RT: 5.50 min Scan# 494

Delta R.T. 0.00 min

Lab File: VF061544.D

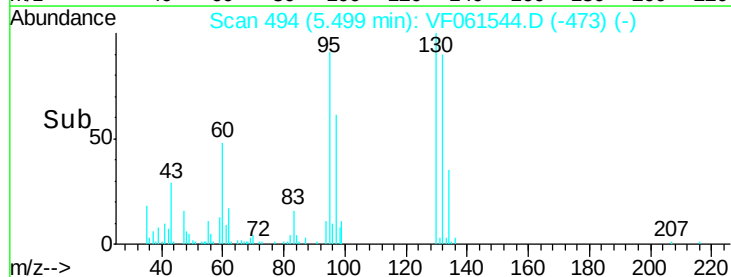
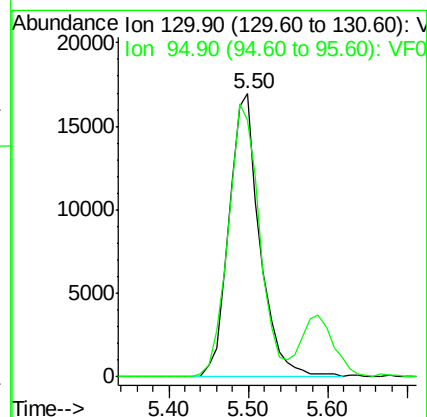
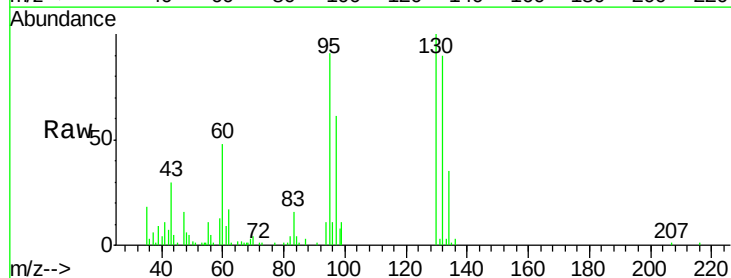
Acq: 7 Feb 2019 14:49

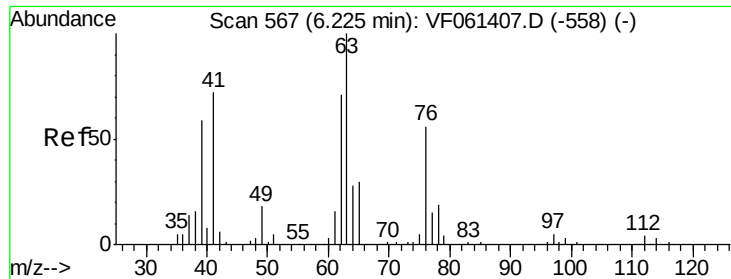
Tgt Ion: 130 Resp: 46020

Ion Ratio Lower Upper

130 100

95 90.6 0.0 202.8





#45

1,2-Dichloropropane

Concen: 18.641 ug/l

RT: 6.23 min Scan# 568

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

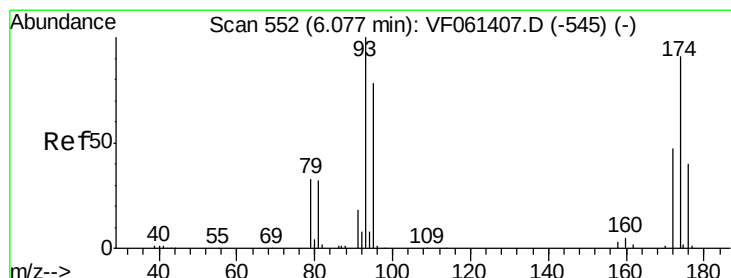
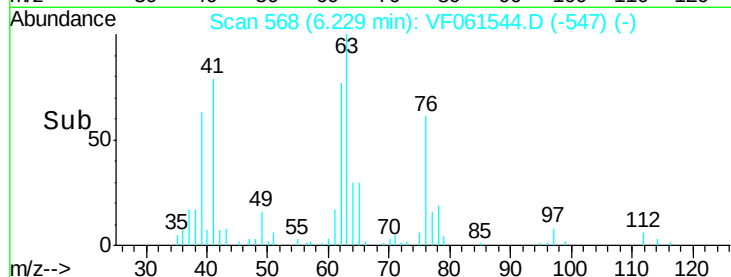
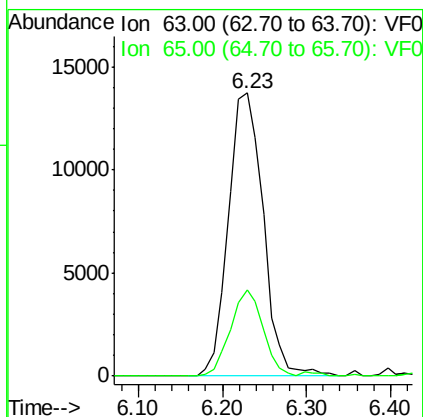
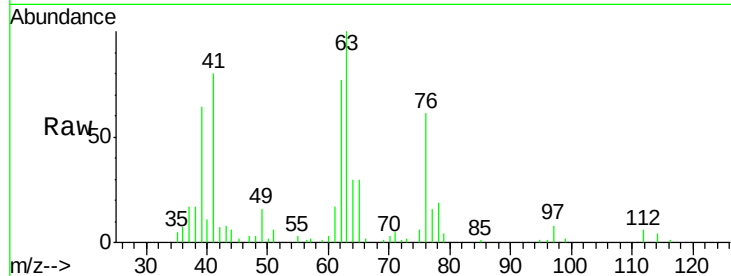
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 63 Resp: 39590

Ion Ratio Lower Upper

63 100

65 30.4 24.4 36.6



#46

Dibromomethane

Concen: 17.409 ug/l

RT: 6.07 min Scan# 552

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

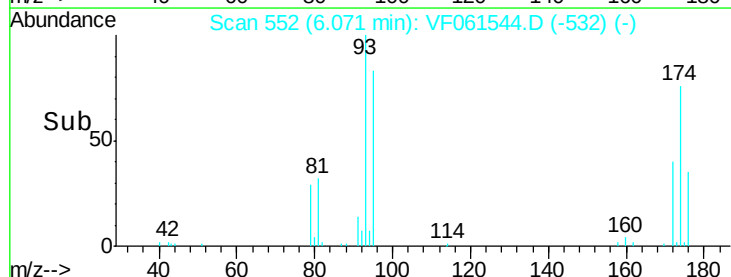
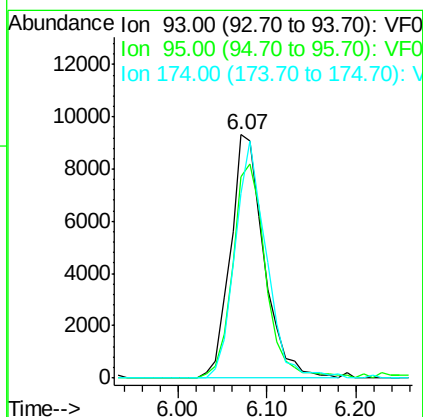
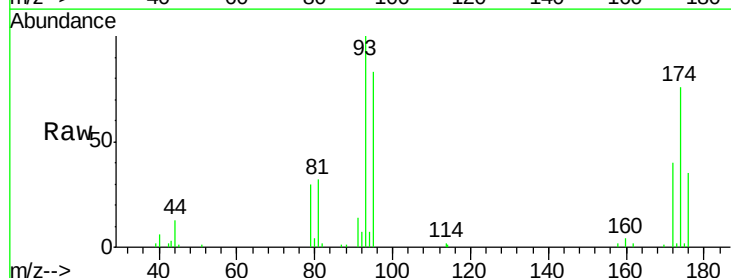
Tgt Ion: 93 Resp: 24586

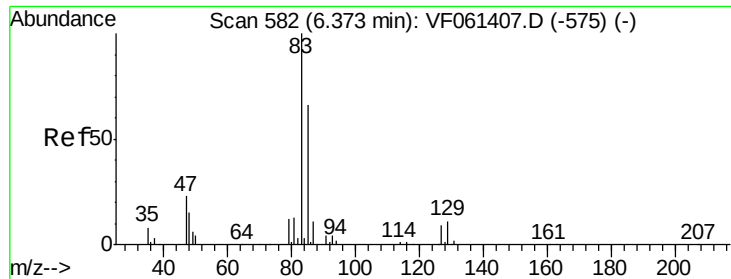
Ion Ratio Lower Upper

93 100

95 82.8 62.1 93.1

174 76.1 74.6 111.8





#47

Bromodichloromethane

Concen: 17.979 ug/l

RT: 6.38 min Scan# 583

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :

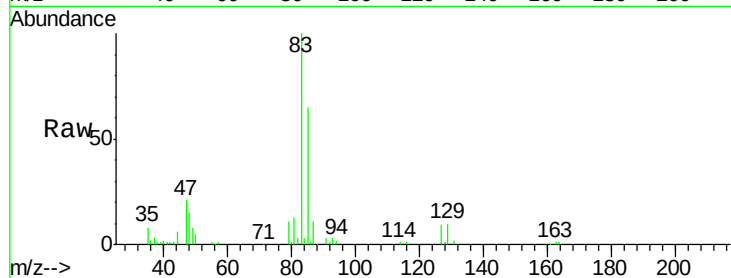
Tot Ion: 83 Resp: 62820

Ion Ratio Lower Upper

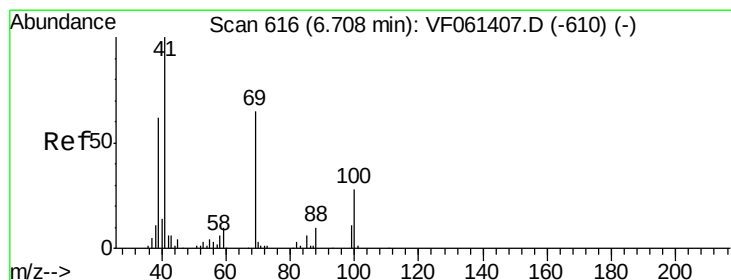
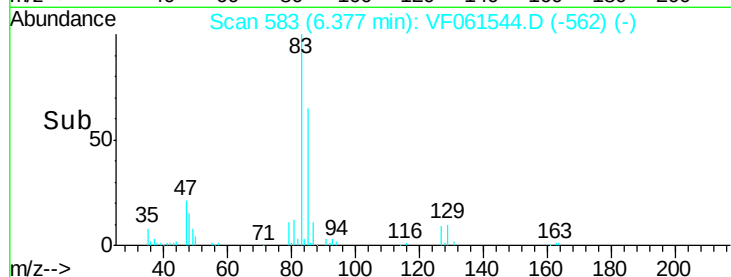
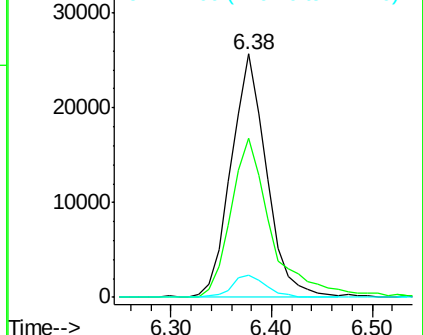
83 100

85 65.3 53.0 79.4

127 9.3 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0
Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 16.050 ug/l

RT: 6.71 min Scan# 617

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

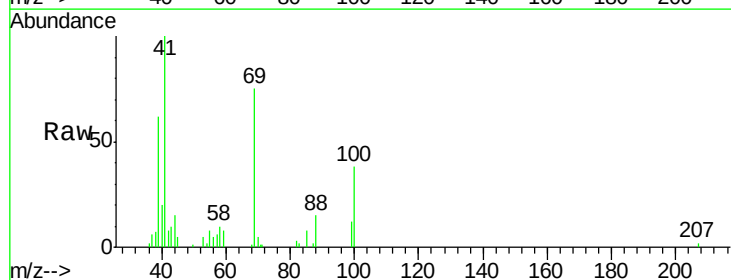
Tgt Ion: 41 Resp: 19664

Ion Ratio Lower Upper

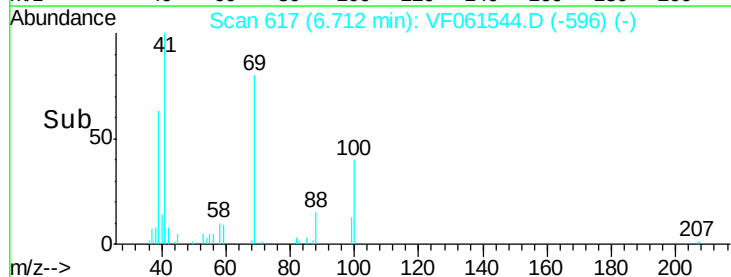
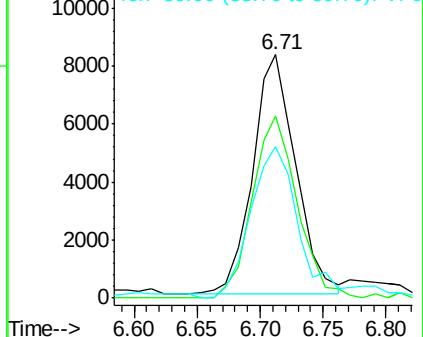
41 100

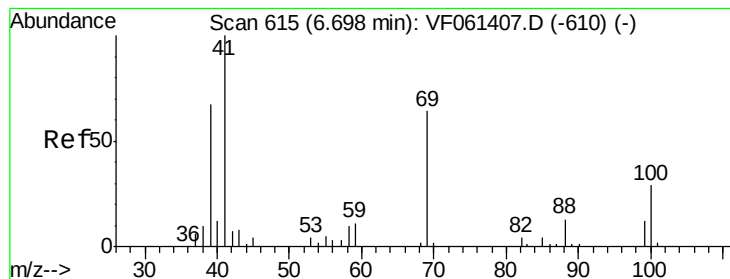
69 74.8 51.7 77.5

39 62.1 49.2 73.8



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 347.477 ug/l

RT: 6.70 min Scan# 616

Delta R.T. 0.00 min

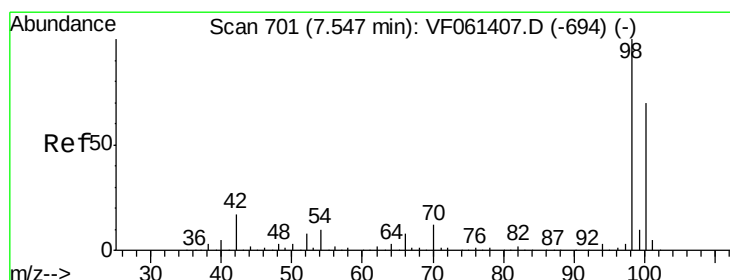
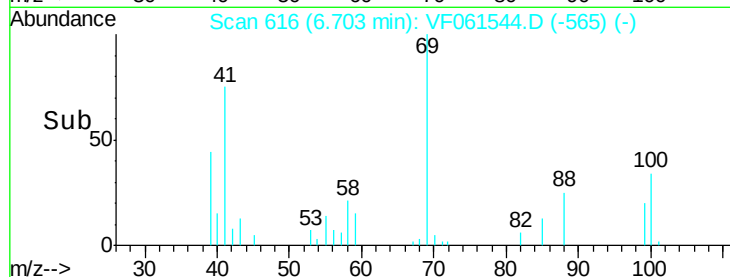
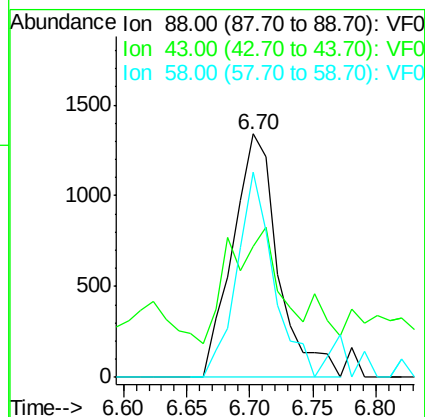
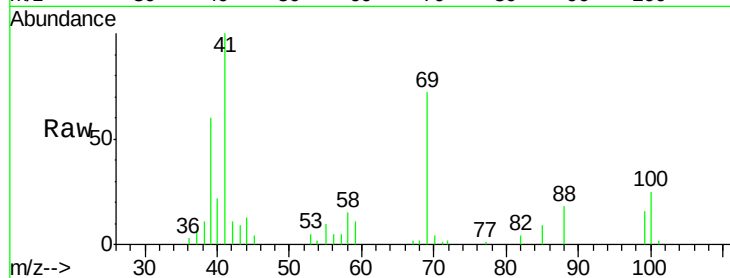
Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 88 Resp: 3359

Ion	Ratio	Lower	Upper
88	100		
43	53.6	55.5	83.3#
58	84.3	59.9	89.9



#50

Toluene-d8

Concen: 47.112 ug/l

RT: 7.54 min Scan# 701

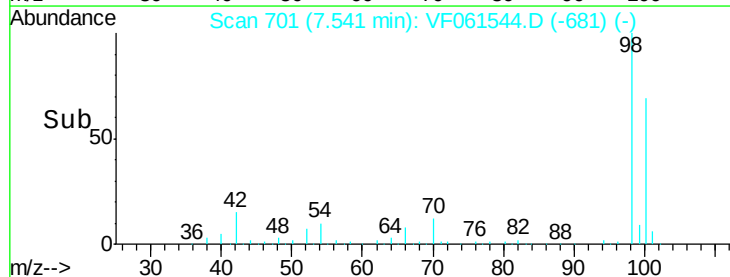
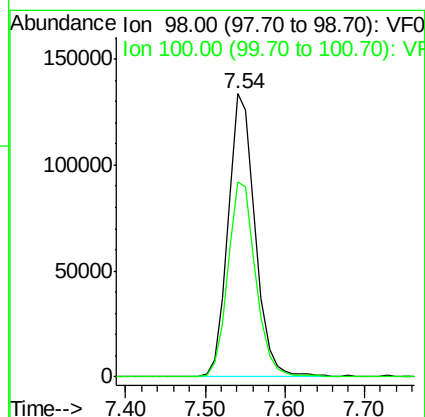
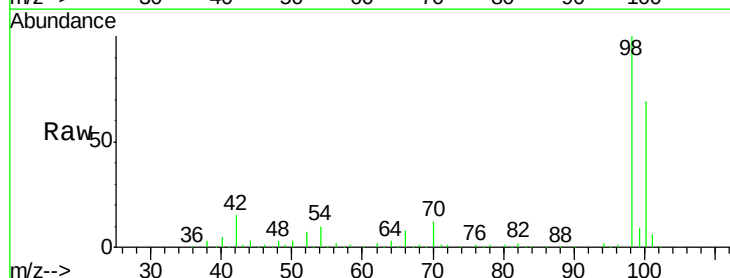
Delta R.T. -0.01 min

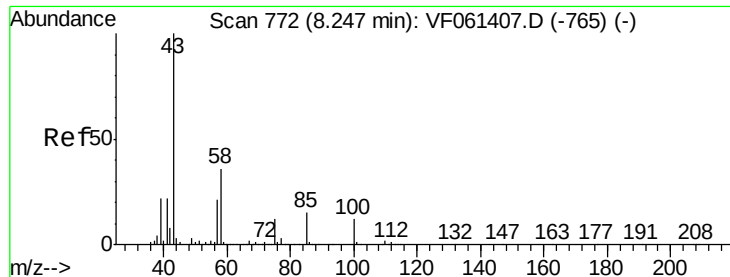
Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Tgt Ion: 98 Resp: 319475

Ion	Ratio	Lower	Upper
98	100		
100	68.8	55.6	83.4





#51

4-Methyl-2-Pentanone

Concen: 92.230 ug/l

RT: 8.25 min Scan# 773

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :

MSVOA_F

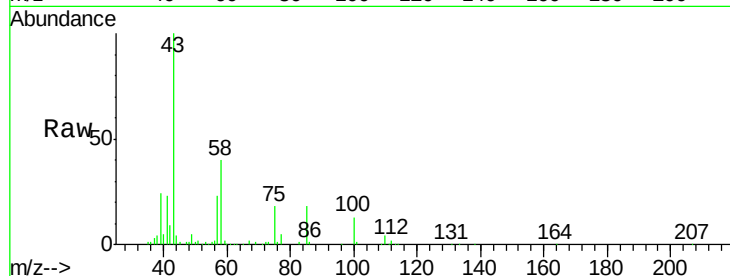
ClientSampled :

Tot Ion: 43 Resp: 123708

Ion Ratio Lower Upper

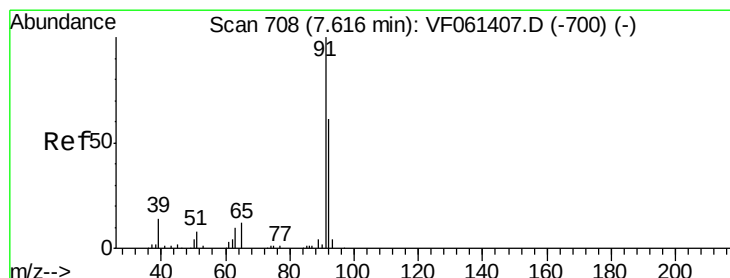
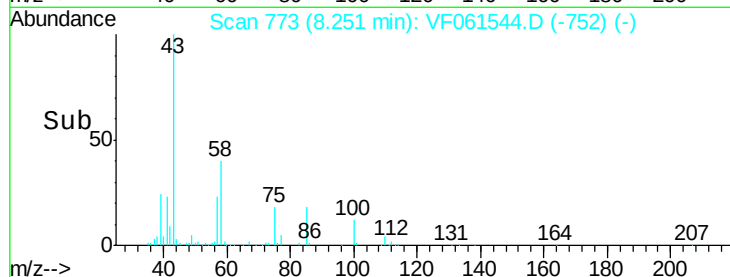
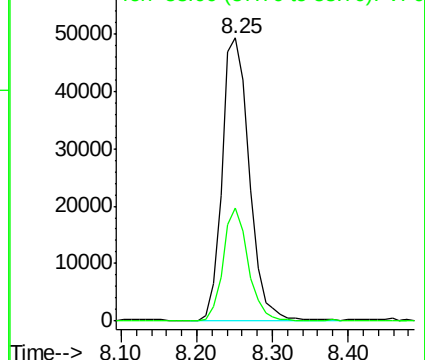
43 100

58 39.9 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 17.692 ug/l

RT: 7.62 min Scan# 709

Delta R.T. 0.00 min

Lab File: VF061544.D

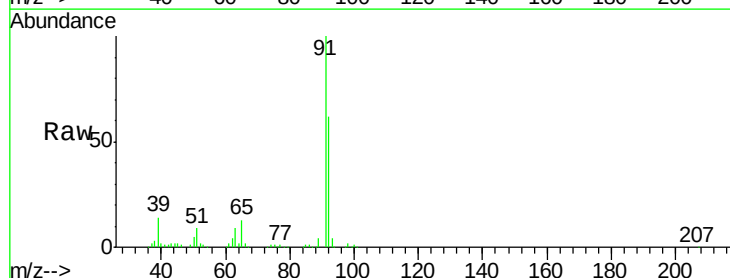
Acq: 7 Feb 2019 14:49

Tgt Ion: 92 Resp: 94279

Ion Ratio Lower Upper

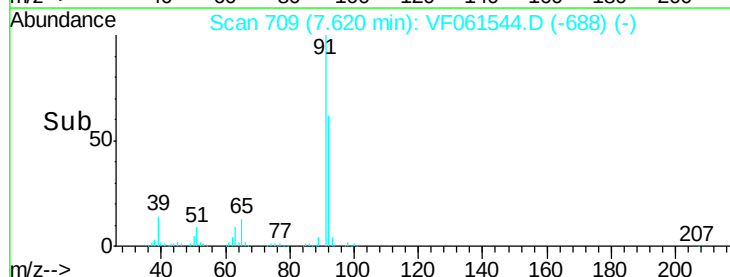
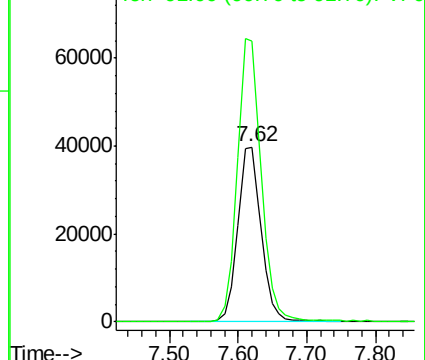
92 100

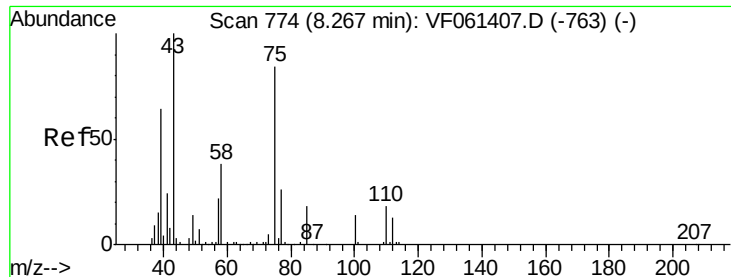
91 160.5 131.2 196.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 18.115 ug/l

RT: 8.27 min Scan# 775

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

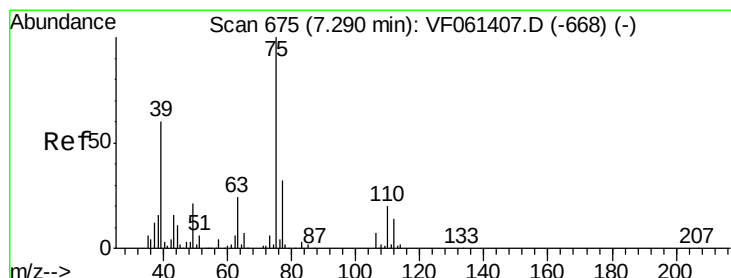
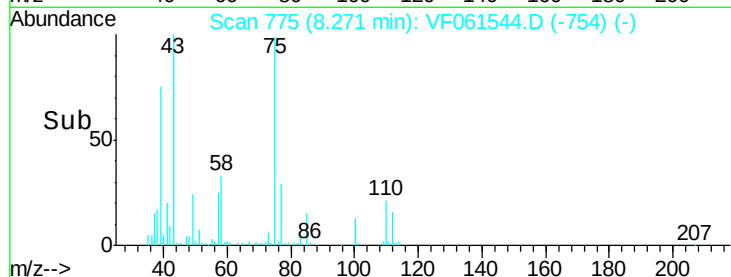
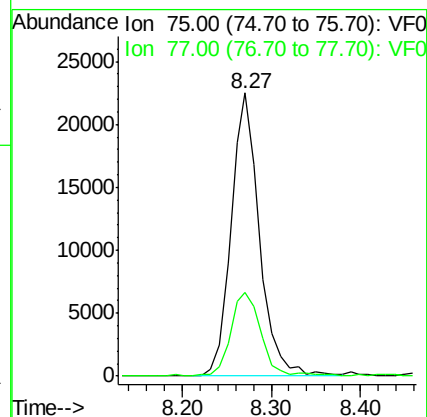
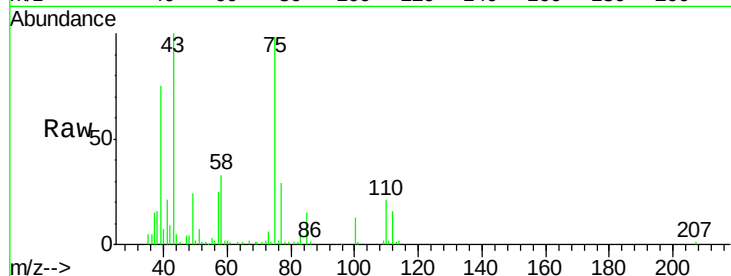
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 75 Resp: 50262

Ion Ratio Lower Upper

75 100

77 29.4 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 19.148 ug/l

RT: 7.29 min Scan# 676

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

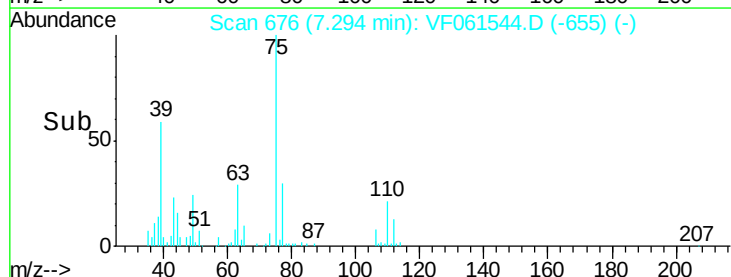
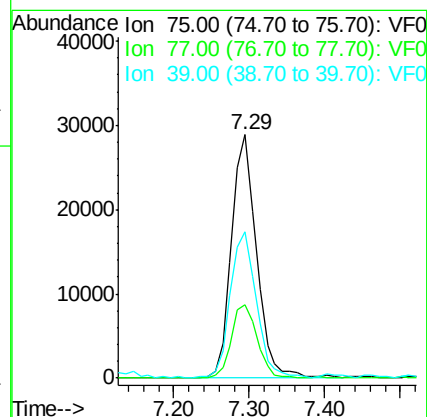
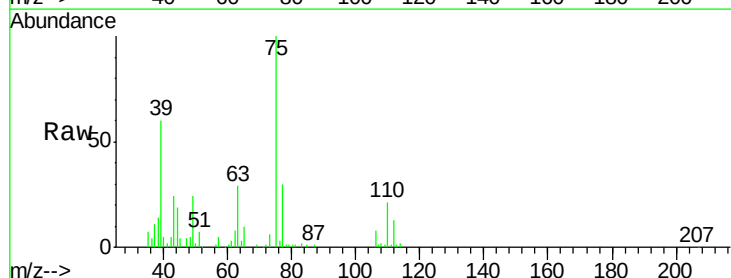
Tgt Ion: 75 Resp: 66406

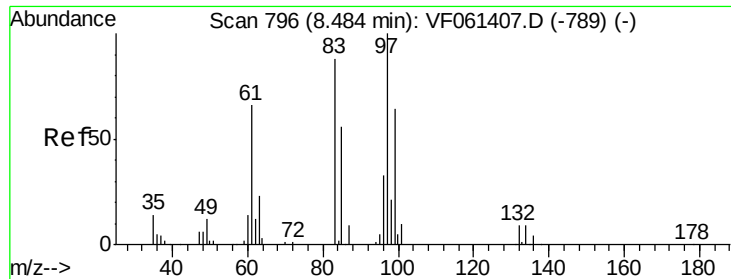
Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.0

39 60.3 47.8 71.8





#55

1,1,2-Trichloroethane

Concen: 18.967 ug/l

RT: 8.48 min Scan# 796

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 97 Resp: 28703

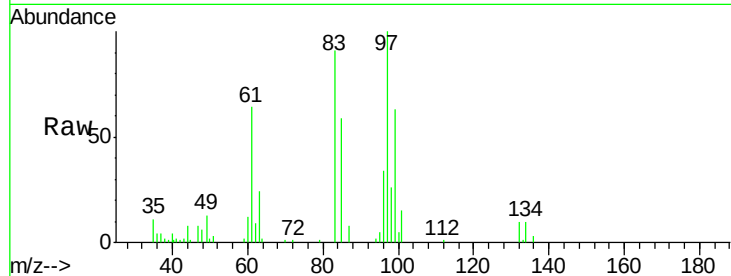
Ion	Ratio	Lower	Upper
97	100		
83	90.8	70.4	105.6
85	58.8	44.7	67.1
99	62.8	50.8	76.2

97 100

83 90.8 70.4 105.6

85 58.8 44.7 67.1

99 62.8 50.8 76.2

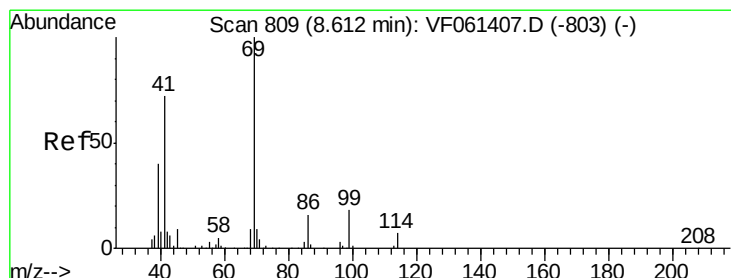
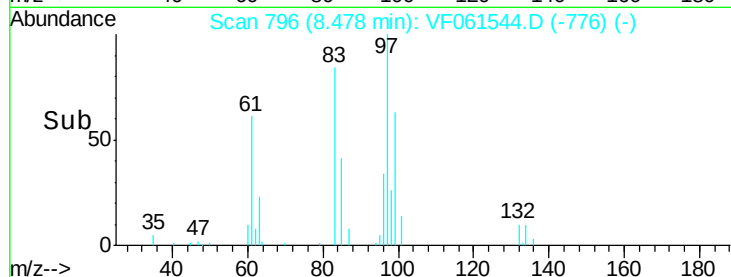
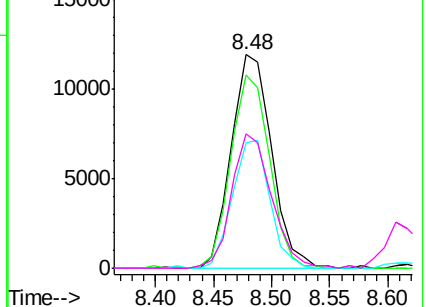


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 18.056 ug/l

RT: 8.62 min Scan# 810

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

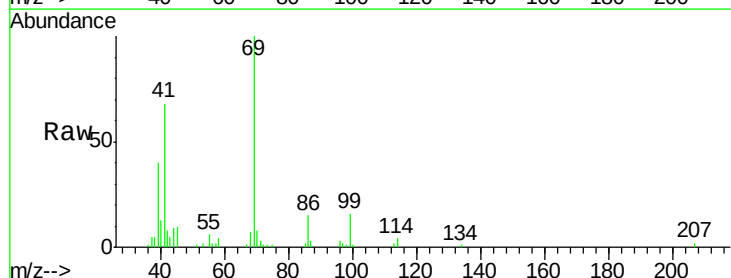
Tgt Ion: 69 Resp: 31790

Ion	Ratio	Lower	Upper
69	100		
41	68.5	57.5	86.3
39	39.8	32.0	48.0

69 100

41 68.5 57.5 86.3

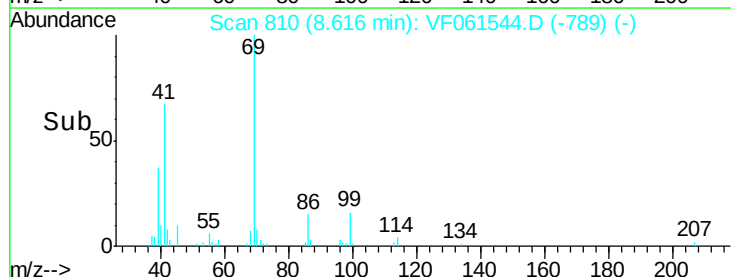
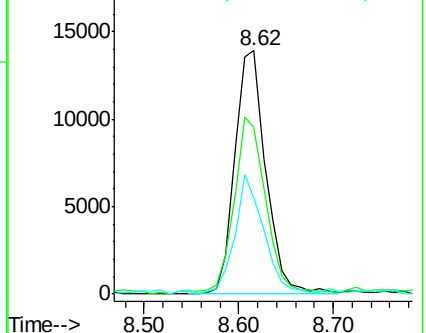
39 39.8 32.0 48.0

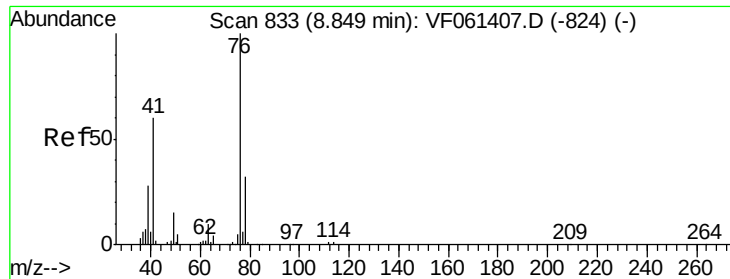


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

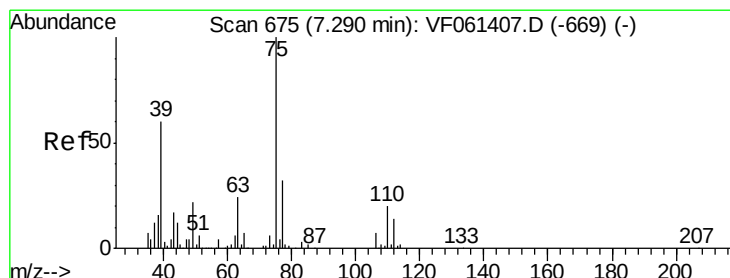
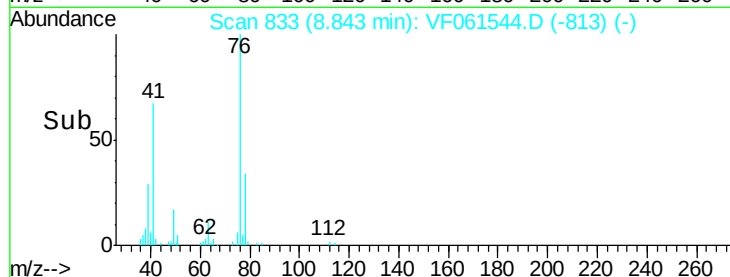
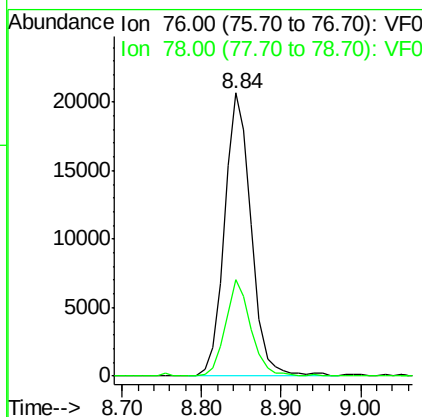
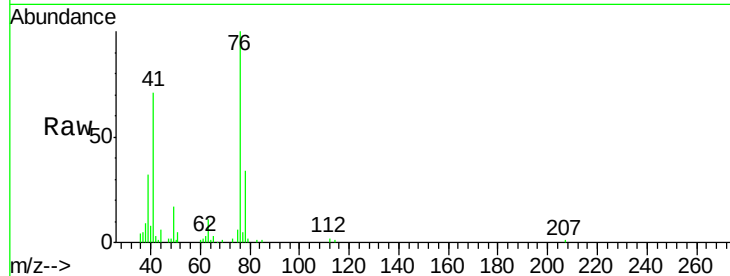




#57
 1,3-Dichloropropane
 Concen: 17.085 ug/l
 RT: 8.84 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: VF061544.D
 Acq: 7 Feb 2019 14:49

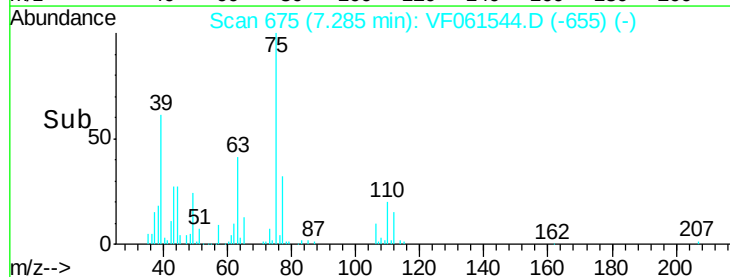
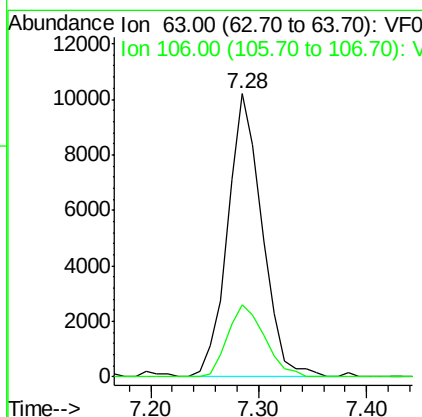
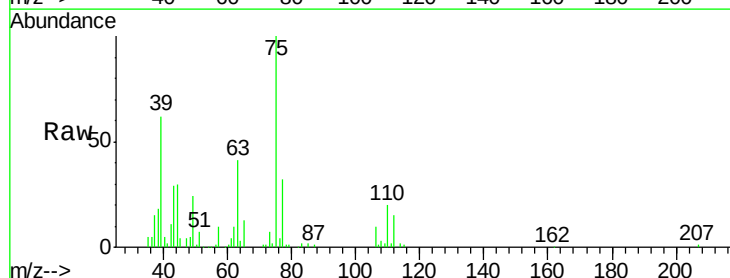
Instrument :
 MSVOA_F
 ClientSampleId :

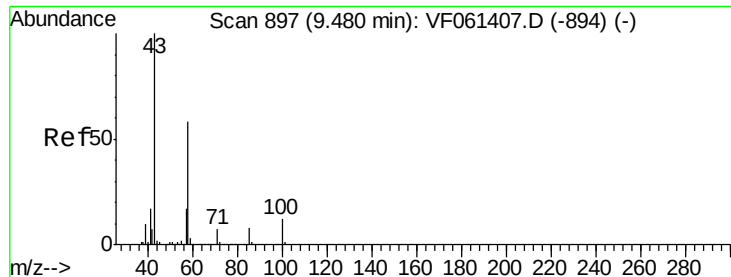
Tot Ion: 76 Resp: 48460
 Ion Ratio Lower Upper
 76 100
 78 33.9 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 136.557 ug/l
 RT: 7.28 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VF061544.D
 Acq: 7 Feb 2019 14:49

Tgt Ion: 63 Resp: 22621
 Ion Ratio Lower Upper
 63 100
 106 25.7 21.9 32.9

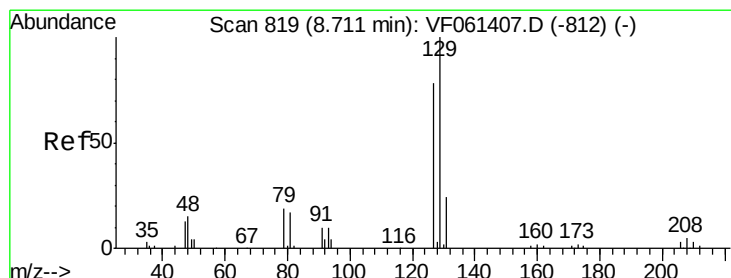
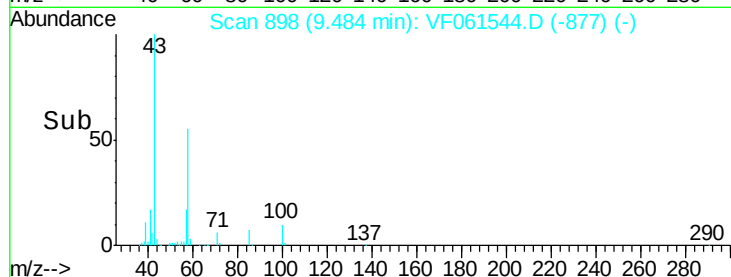
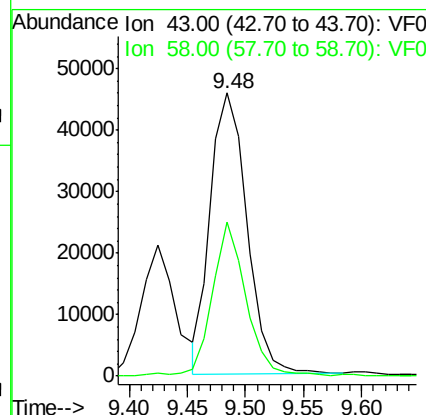
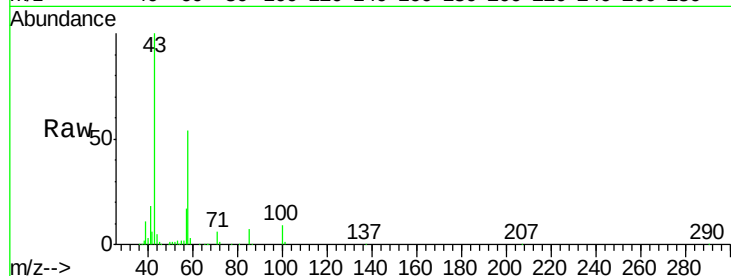




#59
2-Hexanone
Concen: 106.925 ug/l
RT: 9.48 min Scan# 898
Delta R.T. 0.00 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

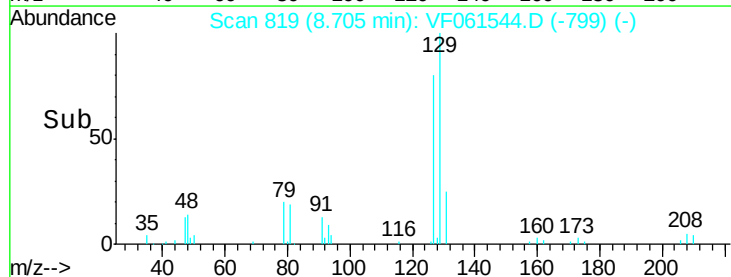
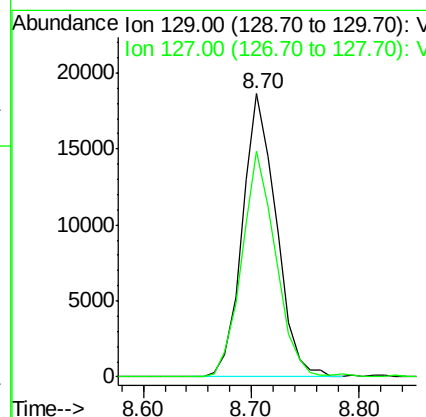
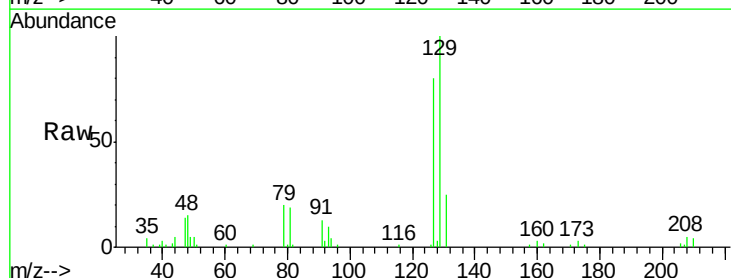
Instrument :
MSVOA_F
ClientSampleId :

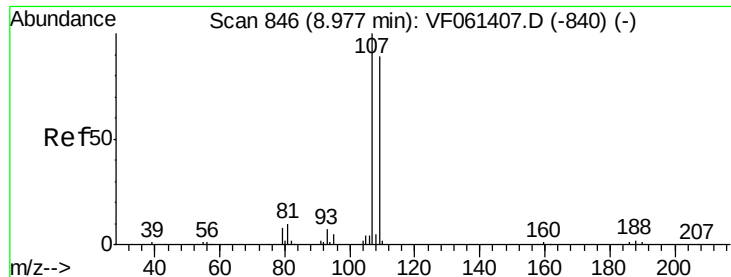
Tot Ion: 43 Resp: 100008
Ion Ratio Lower Upper
43 100
58 54.3 25.9 77.6



#60
Dibromochloromethane
Concen: 18.236 ug/l
RT: 8.70 min Scan# 819
Delta R.T. -0.01 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Tgt Ion: 129 Resp: 40345
Ion Ratio Lower Upper
129 100
127 79.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.034 ug/l

RT: 8.98 min Scan# 847

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

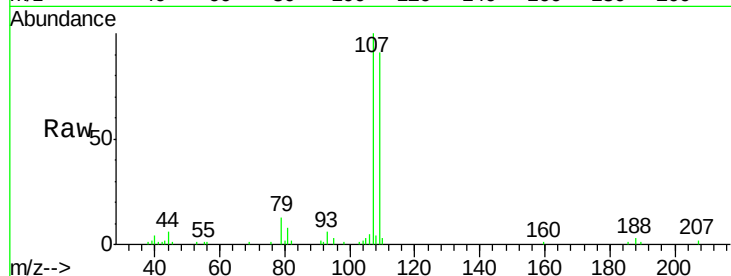
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:107 Resp: 29509

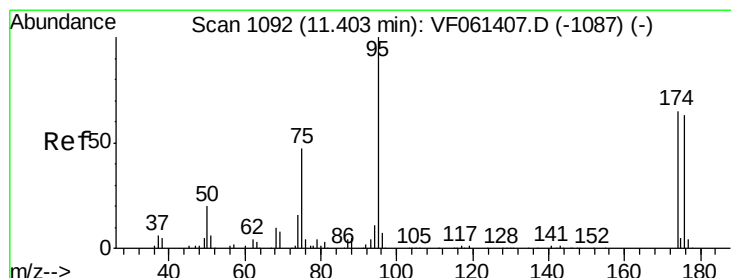
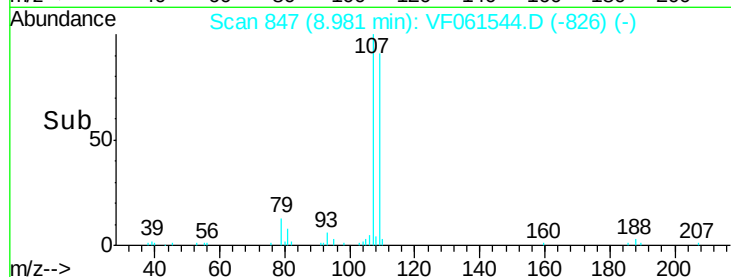
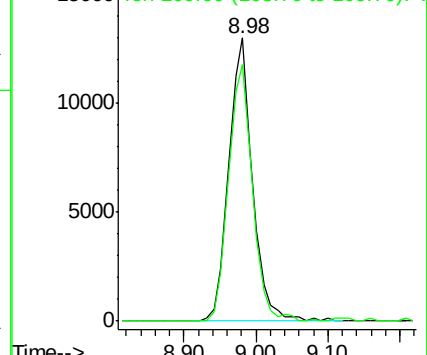
Ion Ratio Lower Upper

107 100

109 90.5 70.8 106.2



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 46.701 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

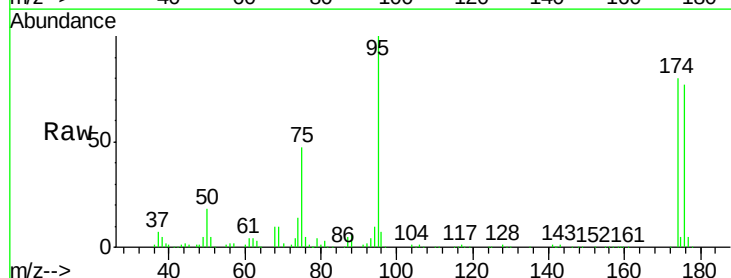
Tgt Ion: 95 Resp: 147963

Ion Ratio Lower Upper

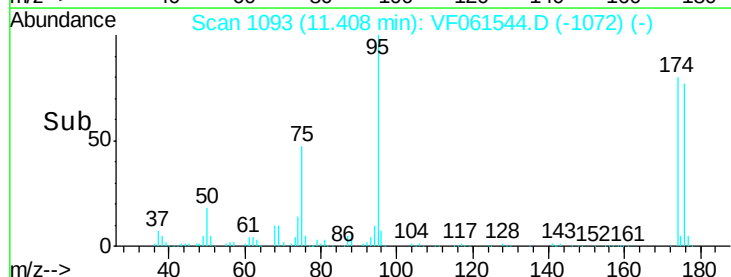
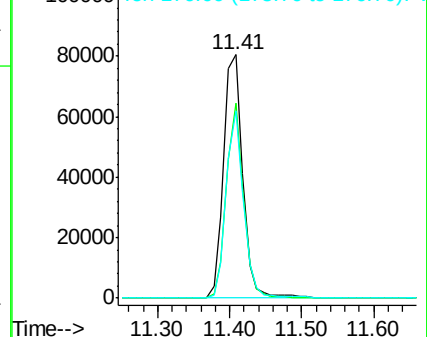
95 100

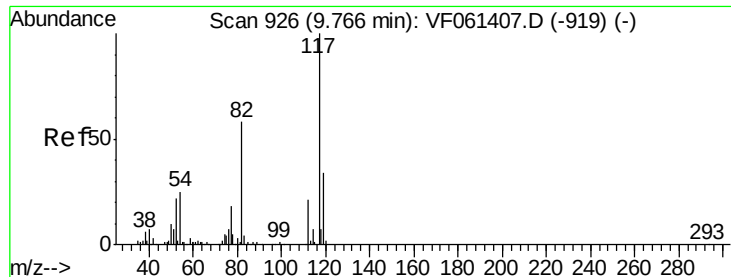
174 80.2 0.0 130.4

176 77.1 0.0 126.2



Abundance Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

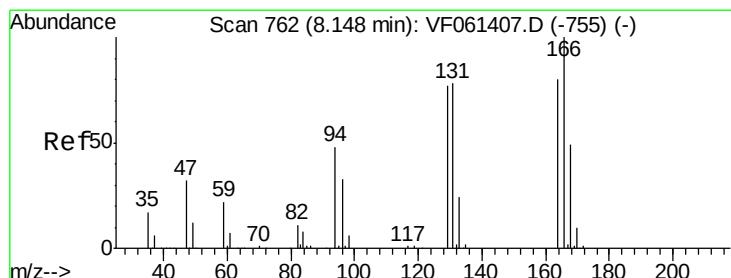
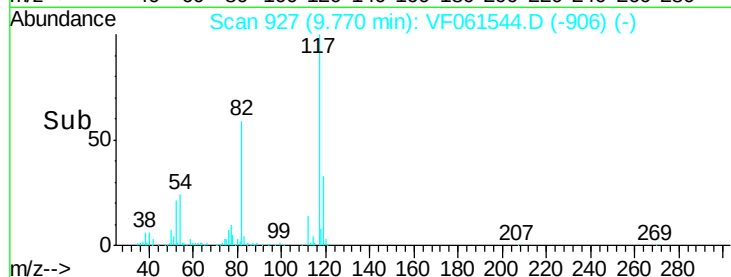
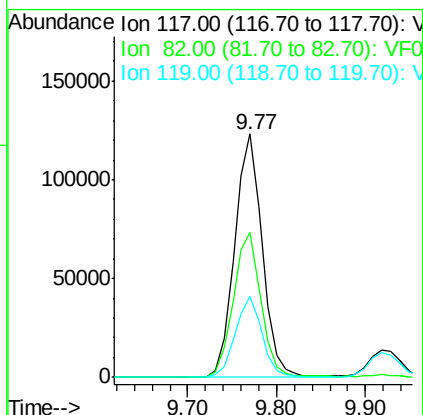
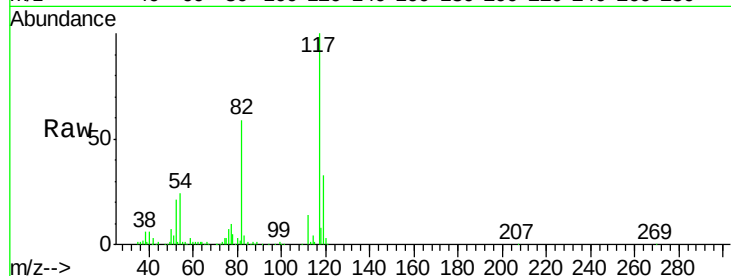




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. 0.00 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

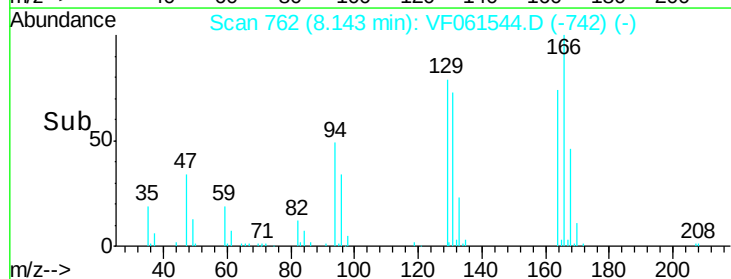
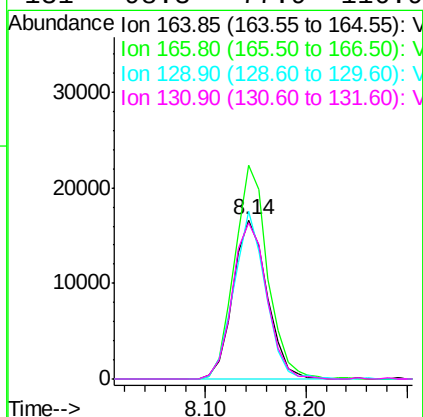
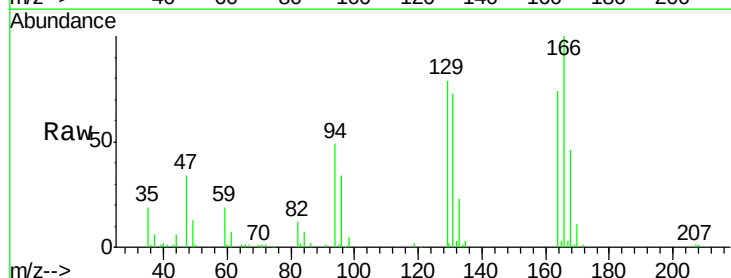
Instrument :
MSVOA_F
ClientSampleId :

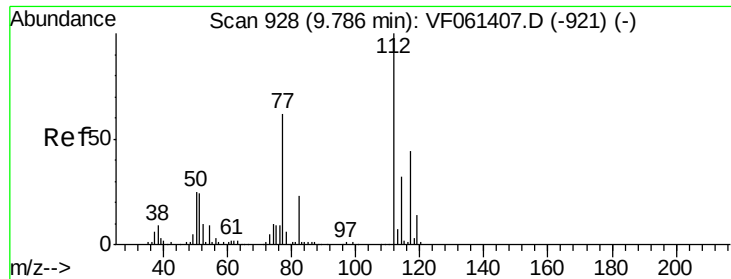
Tot Ion:117 Resp: 267412
Ion Ratio Lower Upper
117 100
82 59.4 46.4 69.6
119 33.1 27.2 40.8



#64
Tetrachloroethene
Concen: 19.464 ug/l
RT: 8.14 min Scan# 762
Delta R.T. -0.01 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Tgt Ion:164 Resp: 39142
Ion Ratio Lower Upper
164 100
166 134.5 99.6 149.4
129 105.9 76.4 114.6
131 98.3 77.9 116.9

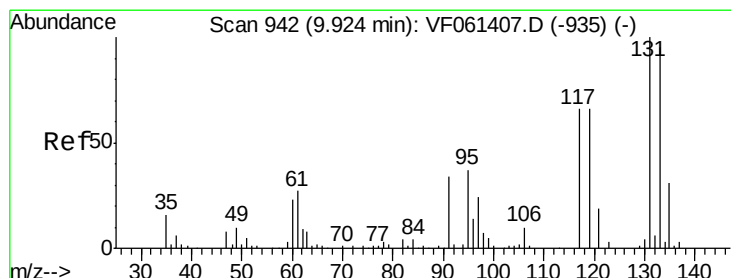
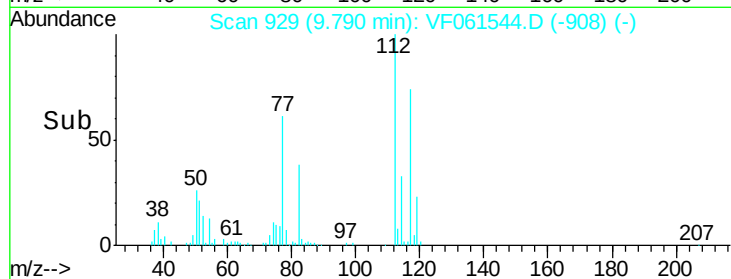
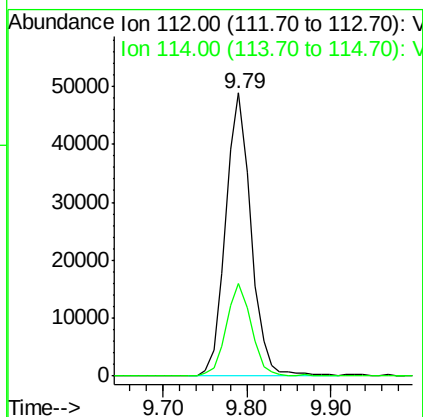
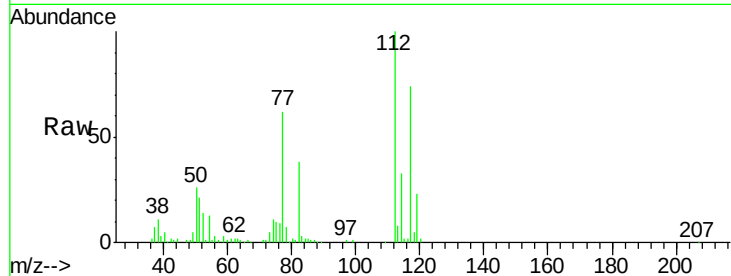




#65
Chlorobenzene
Concen: 18.847 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.00 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

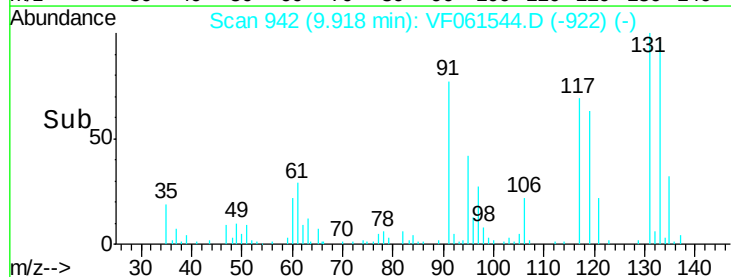
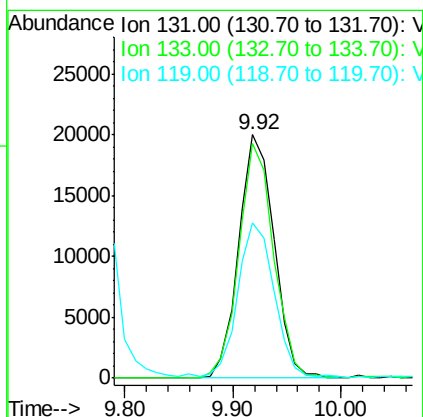
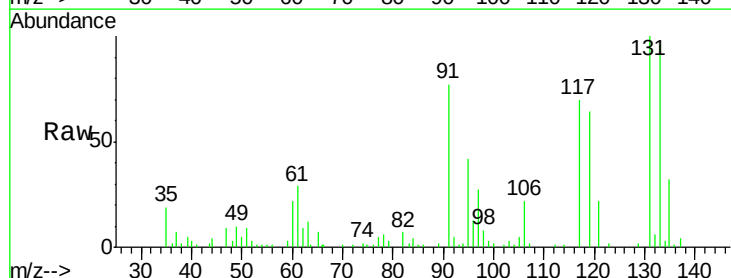
Instrument :
MSVOA_F
ClientSampleId :

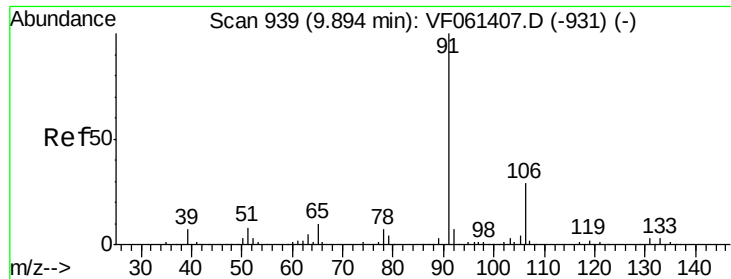
Tot Ion:112 Resp: 102490
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.092 ug/l
RT: 9.92 min Scan# 942
Delta R.T. -0.01 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Tgt Ion:131 Resp: 45693
Ion Ratio Lower Upper
131 100
133 96.5 47.4 142.2
119 63.7 33.1 99.3

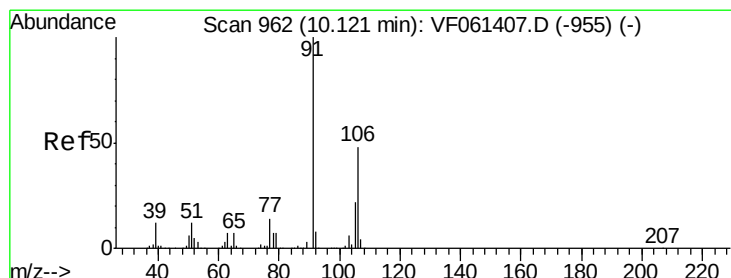
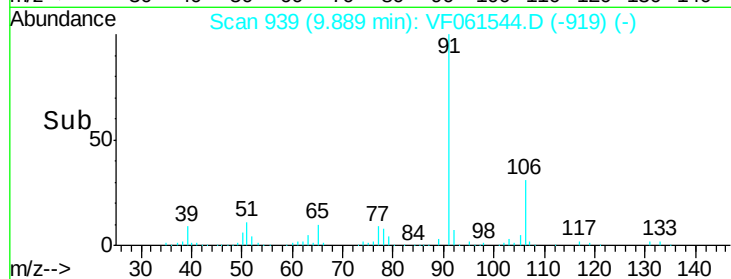
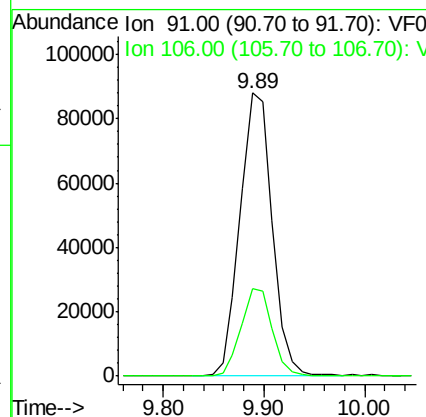
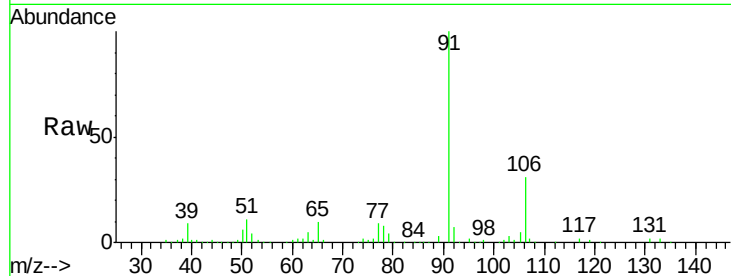




#67
Ethyl Benzene
Concen: 19.795 ug/l
RT: 9.89 min Scan# 939
Delta R.T. -0.01 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

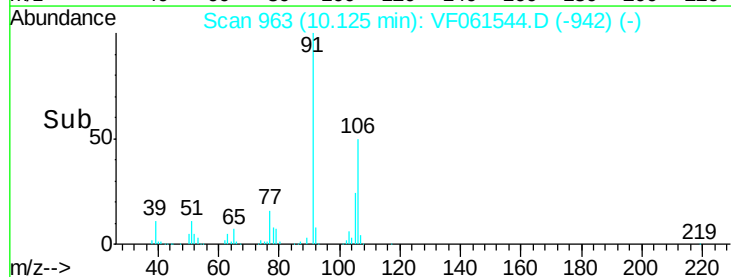
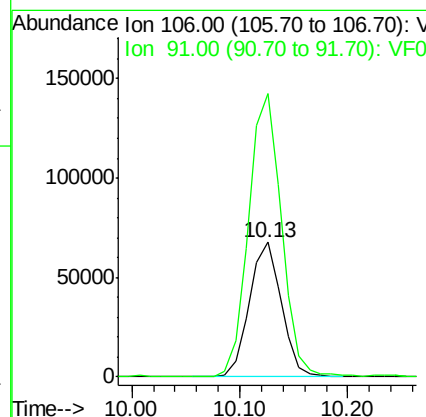
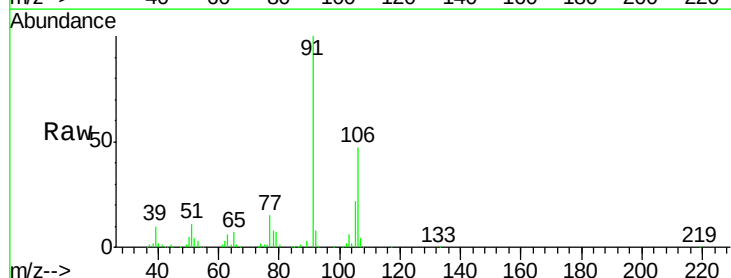
Instrument :
MSVOA_F
ClientSampleId :

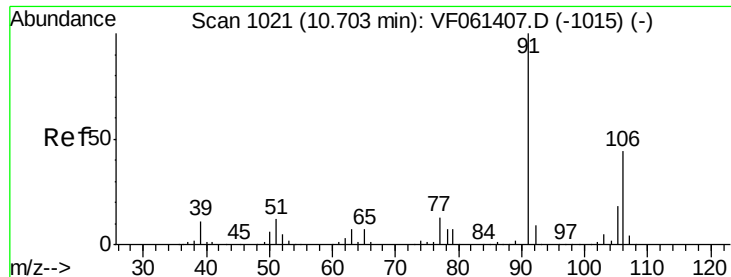
Tot Ion: 91 Resp: 196675
Ion Ratio Lower Upper
91 100
106 30.9 23.1 34.7



#68
m/p-Xylenes
Concen: 39.418 ug/l
RT: 10.13 min Scan# 963
Delta R.T. 0.00 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Tgt Ion: 106 Resp: 140858
Ion Ratio Lower Upper
106 100
91 210.6 166.2 249.4

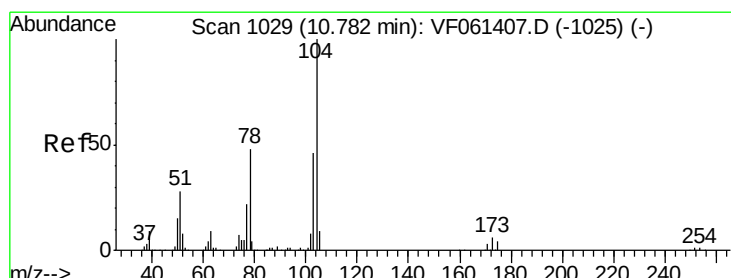
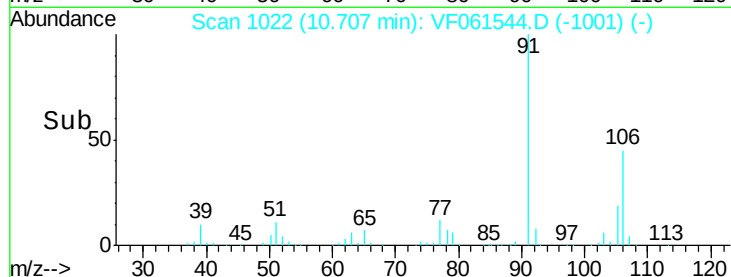
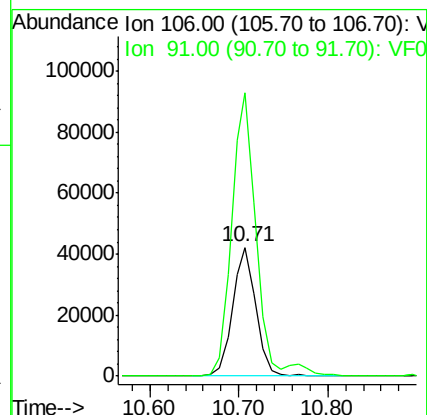
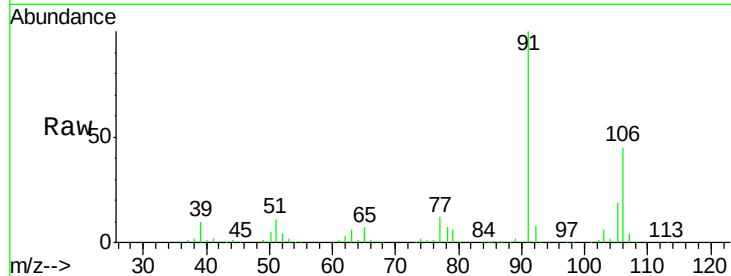




#69
o-Xylene
Concen: 20.172 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. 0.00 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

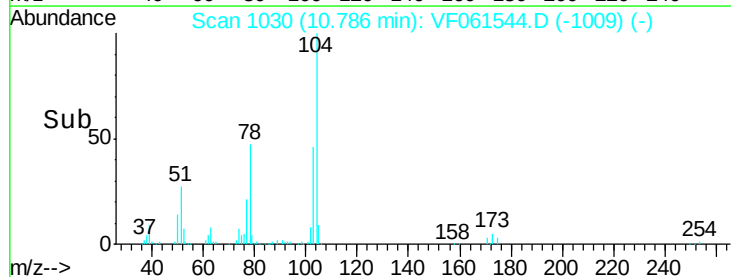
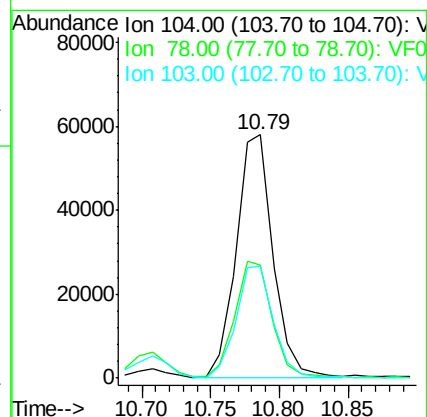
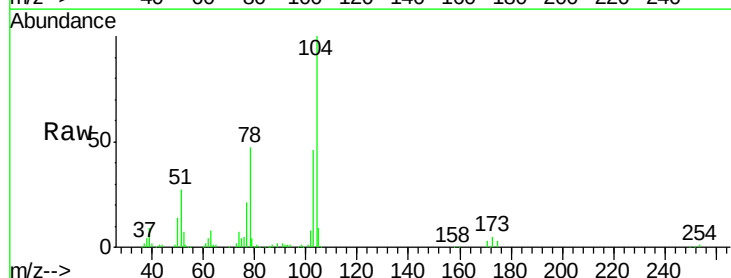
Instrument :
MSVOA_F
ClientSampled :

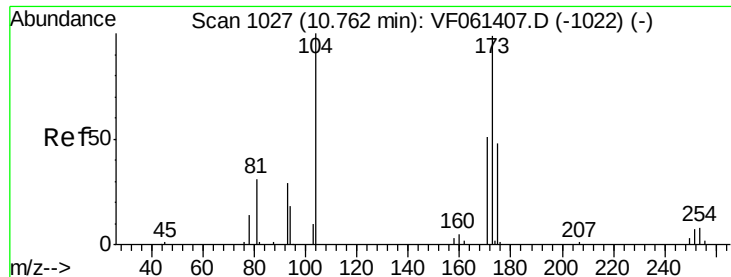
Tot Ion:106 Resp: 78127
Ion Ratio Lower Upper
106 100
91 220.1 113.3 339.8



#70
Styrene
Concen: 20.358 ug/l
RT: 10.79 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Tgt Ion:104 Resp: 107927
Ion Ratio Lower Upper
104 100
78 46.5 38.8 58.2
103 45.8 37.0 55.6

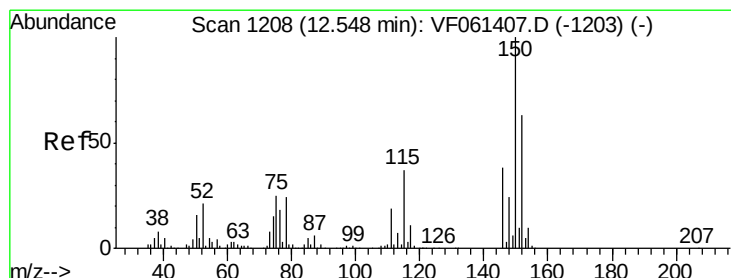
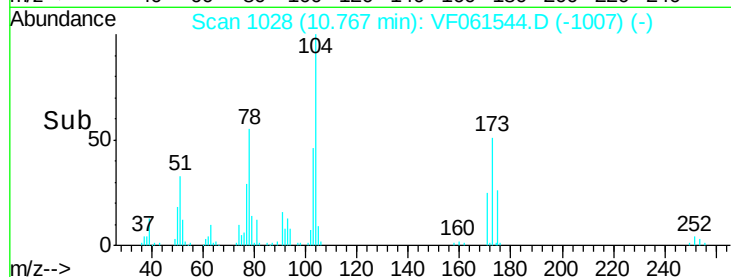
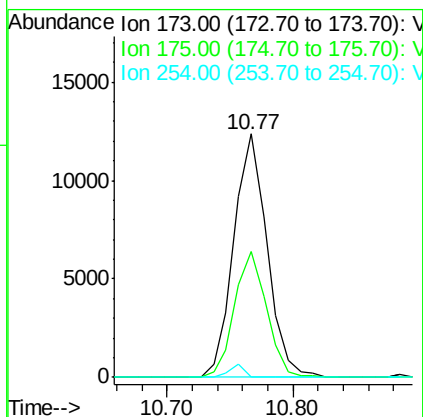
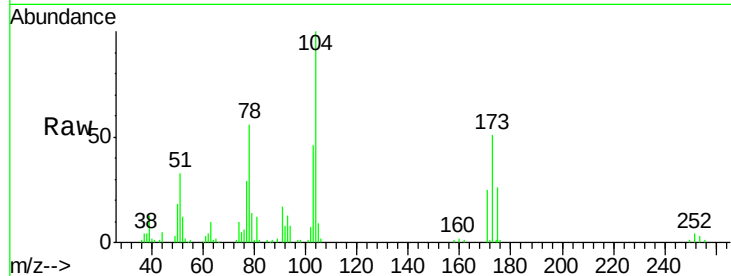




#71
Bromoform
Concen: 23.199 ug/l
RT: 10.77 min Scan# 1028
Delta R.T. 0.00 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

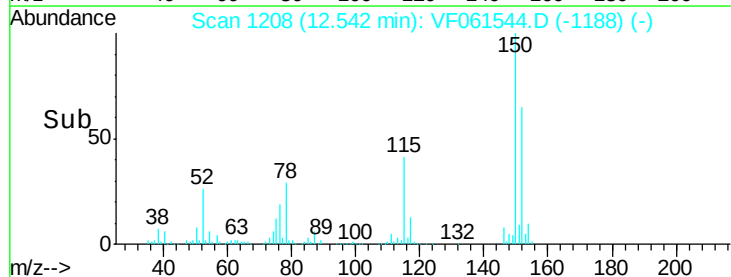
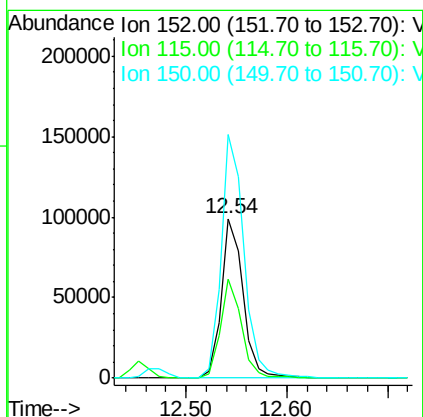
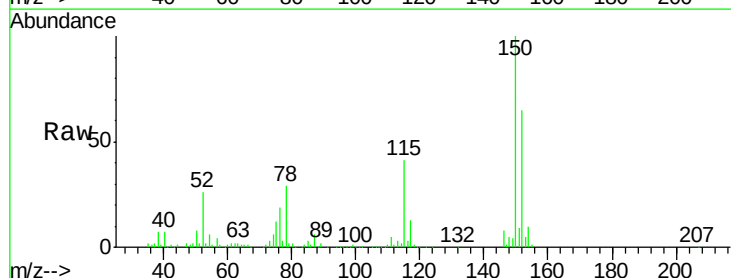
Instrument :
MSVOA_F
ClientSampleId :

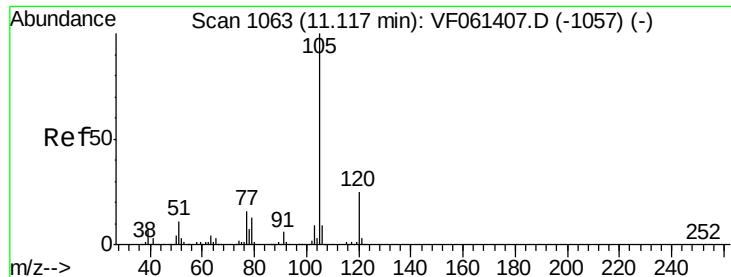
Tot Ion:173 Resp: 22581
Ion Ratio Lower Upper
173 100
175 51.8 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Tgt Ion:152 Resp: 149812
Ion Ratio Lower Upper
152 100
115 62.5 30.0 90.0
150 152.9 0.0 321.4





#73

Isopropylbenzene

Concen: 18.405 ug/l

RT: 11.12 min Scan# 1064

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :

MSVOA_F

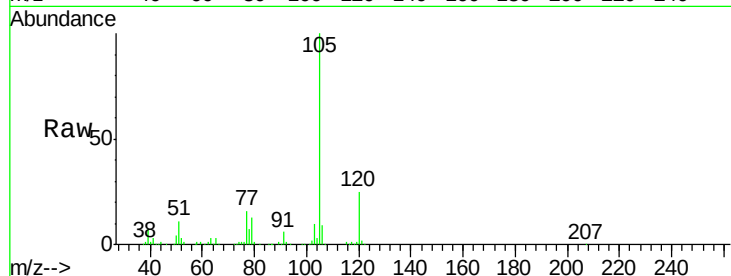
ClientSampled :

Tot Ion:105 Resp: 224256

Ion Ratio Lower Upper

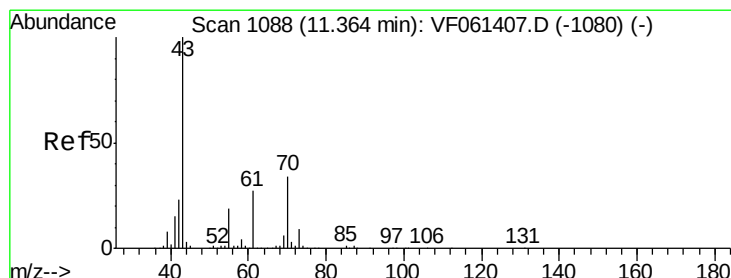
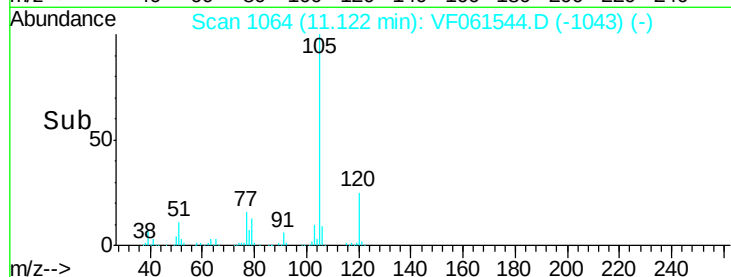
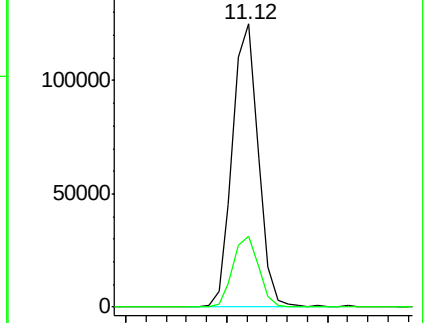
105 100

120 25.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.953 ug/l

RT: 11.37 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Tgt Ion: 43 Resp: 60370

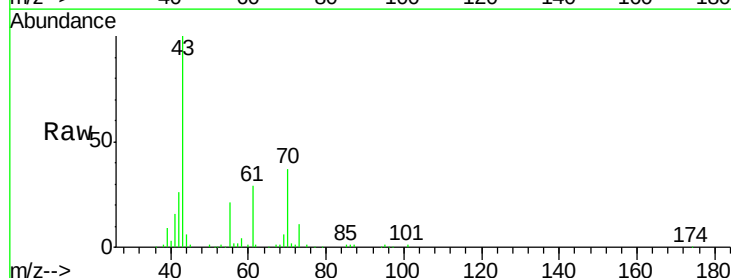
Ion Ratio Lower Upper

43 100

70 37.3 27.6 41.4

55 20.5 15.4 23.2

61 29.2 21.8 32.6

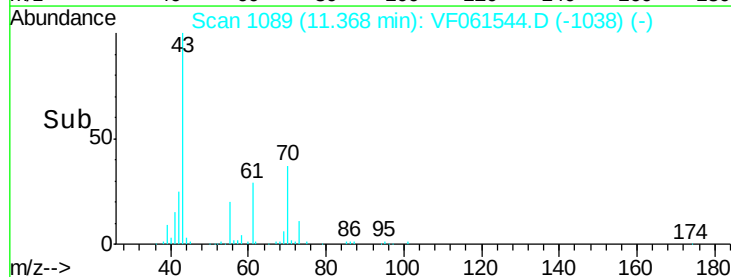
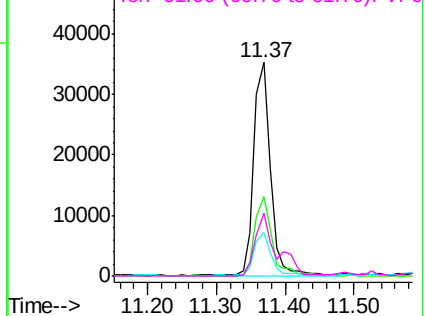


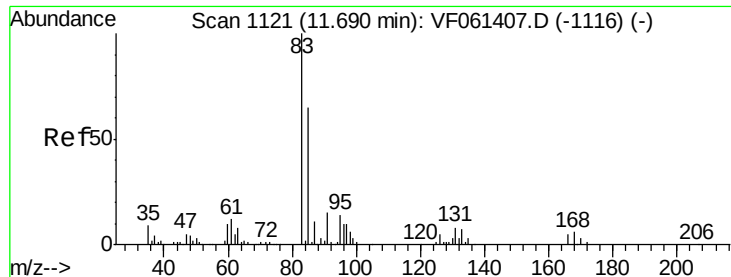
Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 19.423 ug/l

RT: 11.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :

MSVOA_F

ClientSampleId :

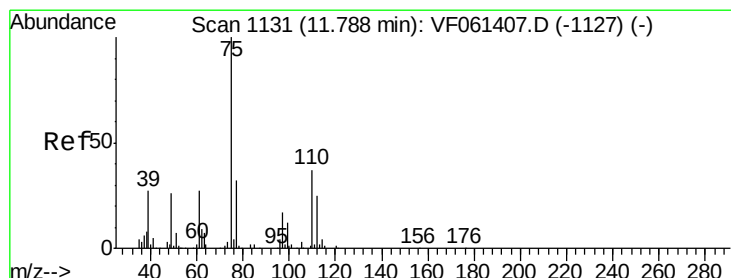
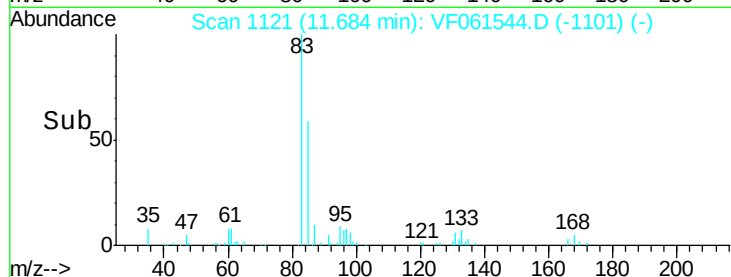
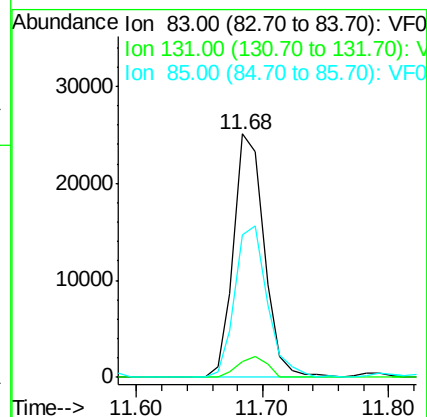
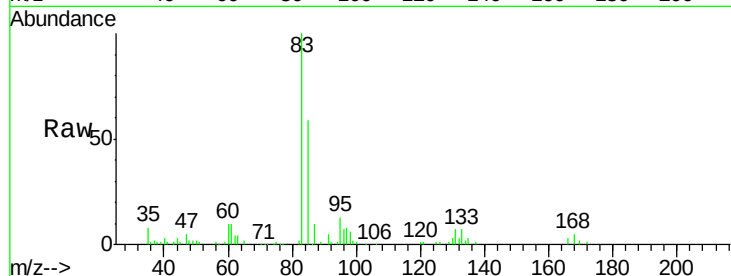
Tot Ion: 83 Resp: 42160

Ion Ratio Lower Upper

83 100

131 6.7 4.0 12.2

85 58.7 32.7 98.1



#76

1,2,3-Trichloropropane

Concen: 18.429 ug/l

RT: 11.79 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VF061544.D

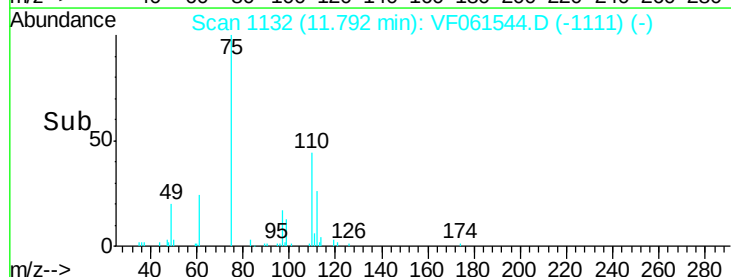
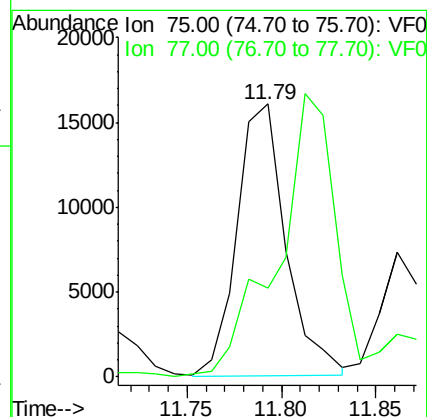
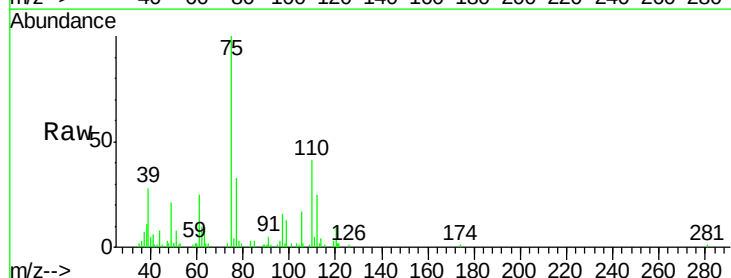
Acq: 7 Feb 2019 14:49

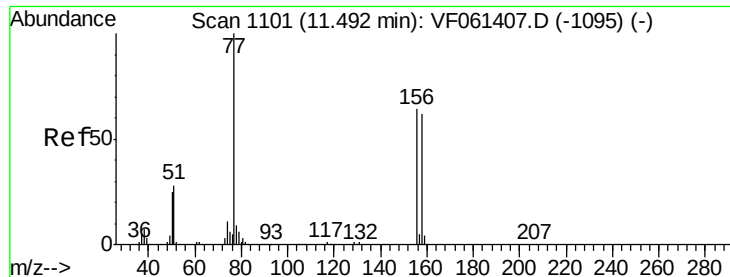
Tgt Ion: 75 Resp: 28743

Ion Ratio Lower Upper

75 100

77 32.5 16.1 48.3





#77

Bromobenzene

Concen: 18.739 ug/l

RT: 11.49 min Scan# 1101

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :

MSVOA_F

ClientSampleId :

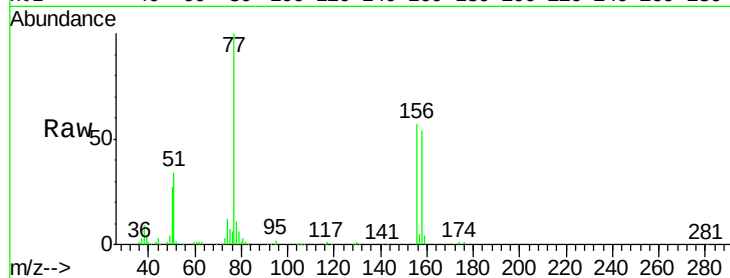
Tot Ion:156 Resp: 48219

Ion Ratio Lower Upper

156 100

77 175.4 78.3 234.9

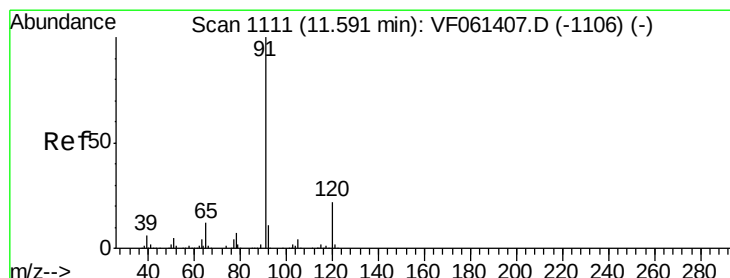
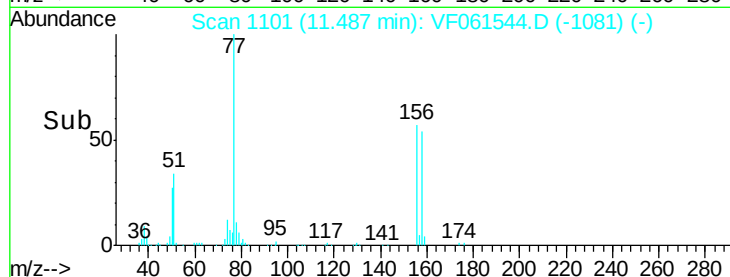
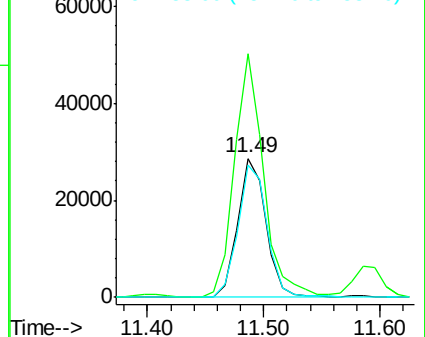
158 95.4 48.9 146.7



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 17.467 ug/l

RT: 11.59 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VF061544.D

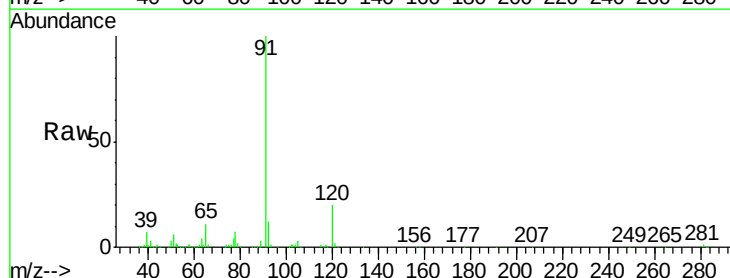
Acq: 7 Feb 2019 14:49

Tgt Ion: 91 Resp: 278535

Ion Ratio Lower Upper

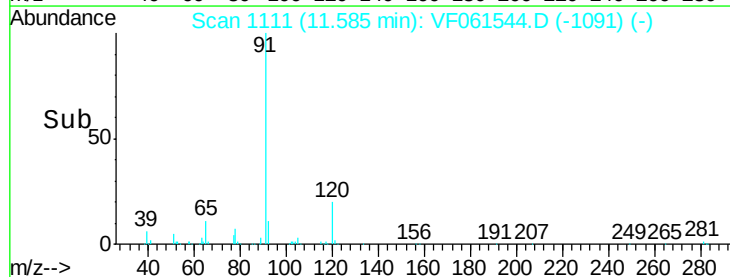
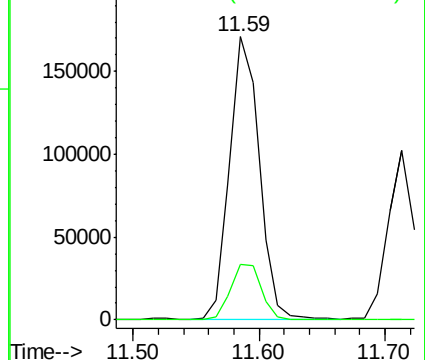
91 100

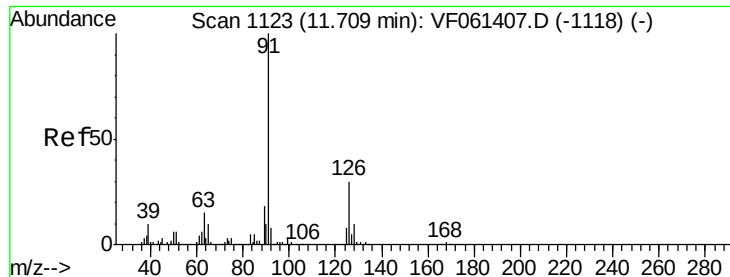
120 19.6 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

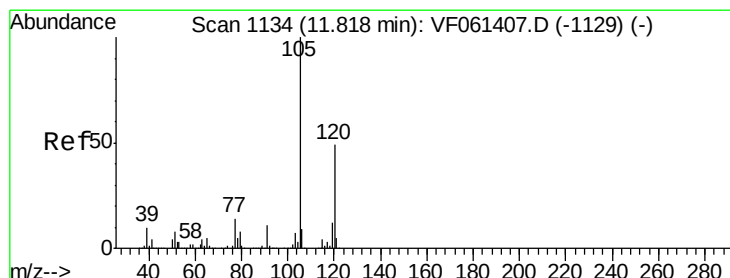
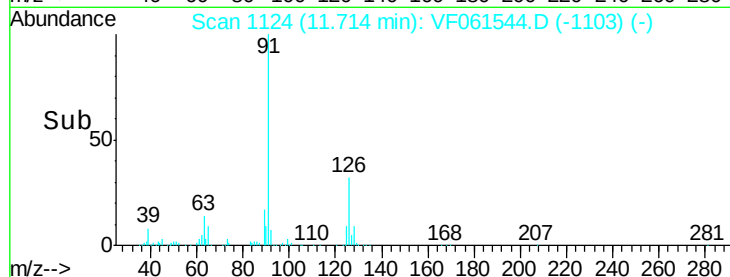
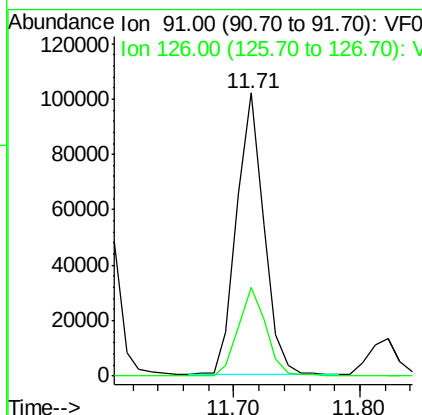
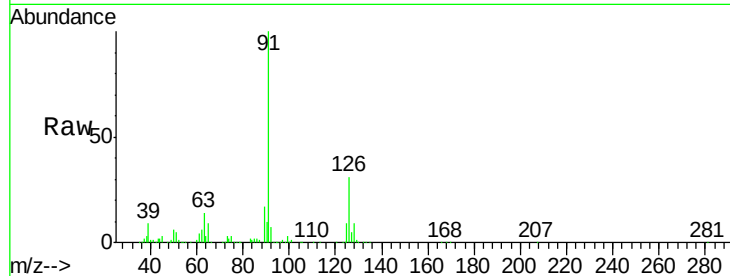




#79
 2-Chlorotoluene
 Concen: 17.947 ug/l
 RT: 11.71 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: VF061544.D
 Acq: 7 Feb 2019 14:49

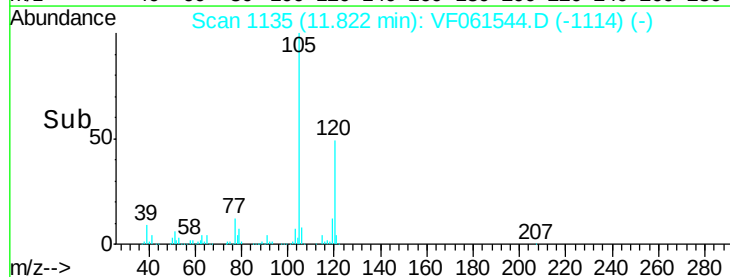
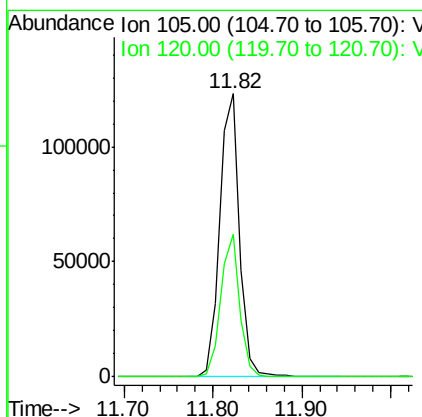
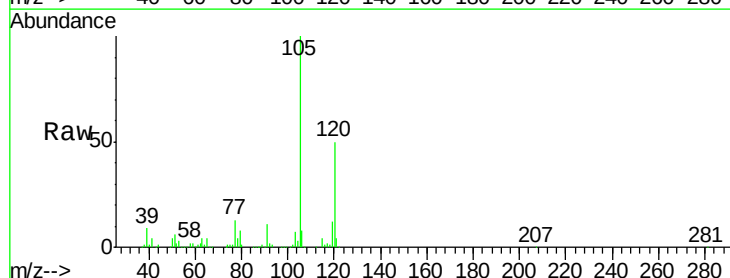
Instrument :
 MSVOA_F
 ClientSampleId :

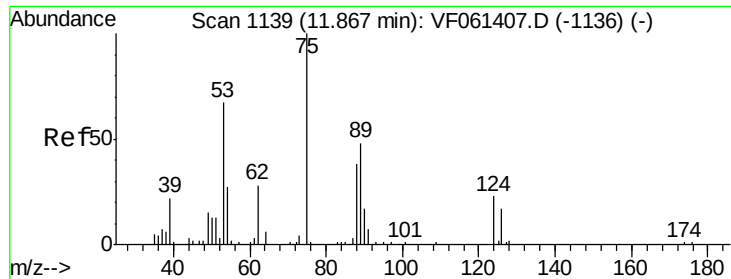
Tot Ion: 91 Resp: 151728
 Ion Ratio Lower Upper
 91 100
 126 31.5 15.0 45.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.553 ug/l
 RT: 11.82 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: VF061544.D
 Acq: 7 Feb 2019 14:49

Tgt Ion: 105 Resp: 192268
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 24.648 ug/l

RT: 11.86 min Scan# 1139

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :

MSVOA_F

ClientSampled :

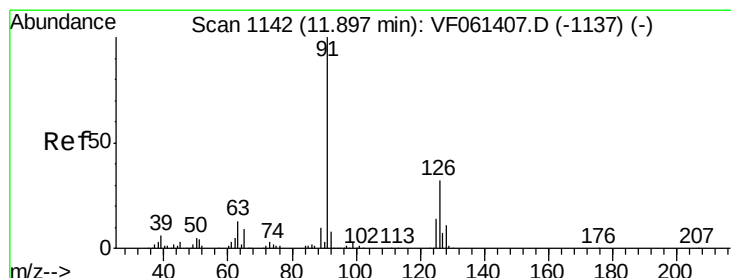
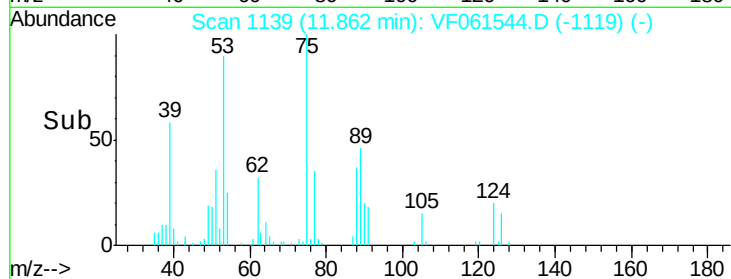
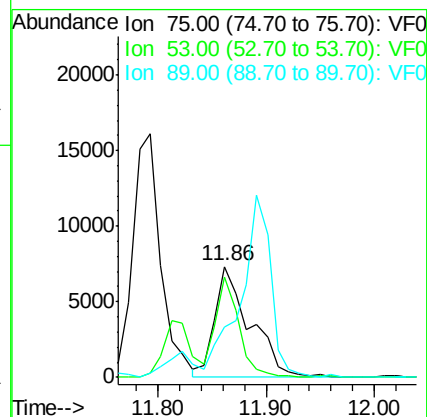
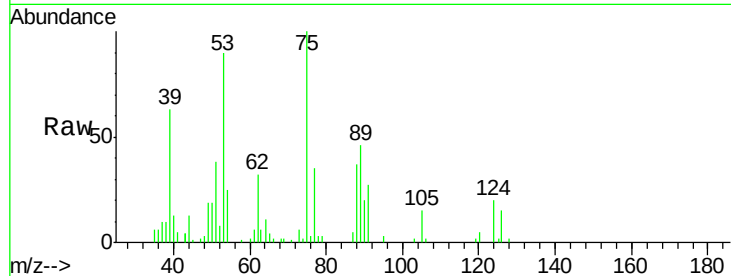
Tot Ion: 75 Resp: 16712

Ion Ratio Lower Upper

75 100

53 90.1 57.8 86.6#

89 45.6 40.7 61.1



#82

4-Chlorotoluene

Concen: 18.354 ug/l

RT: 11.89 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VF061544.D

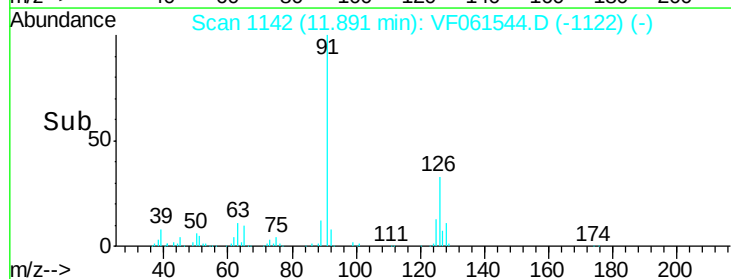
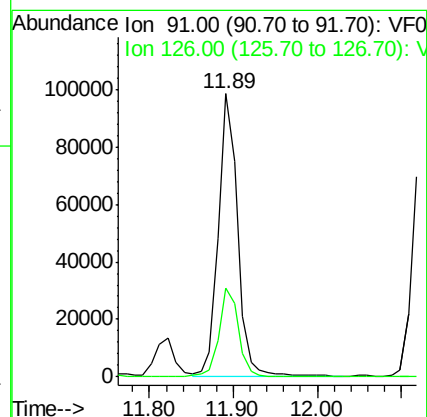
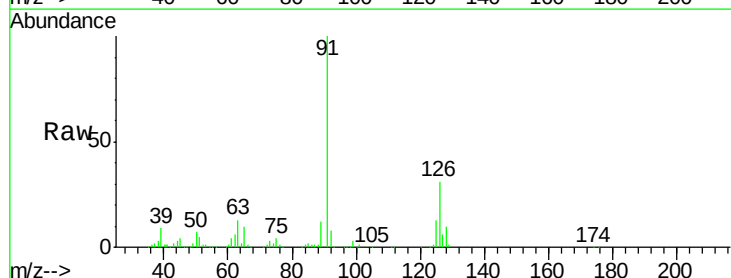
Acq: 7 Feb 2019 14:49

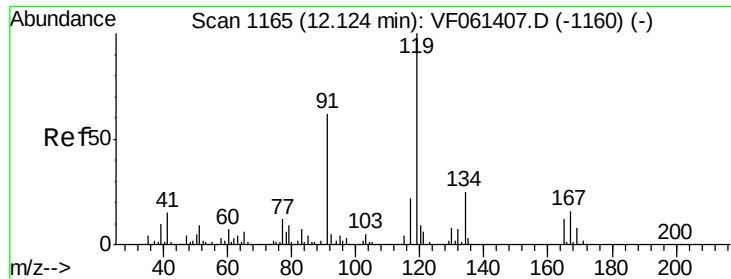
Tgt Ion: 91 Resp: 156581

Ion Ratio Lower Upper

91 100

126 31.4 16.0 47.9

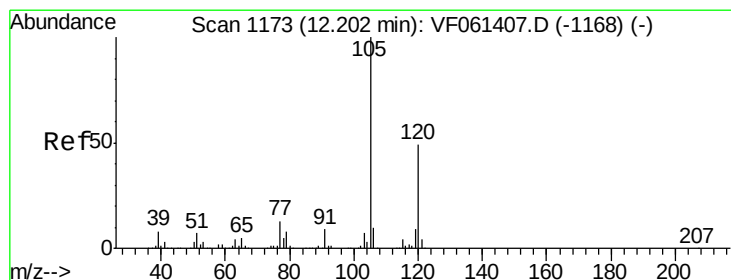
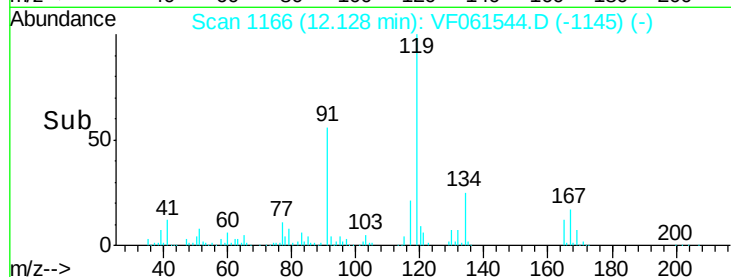
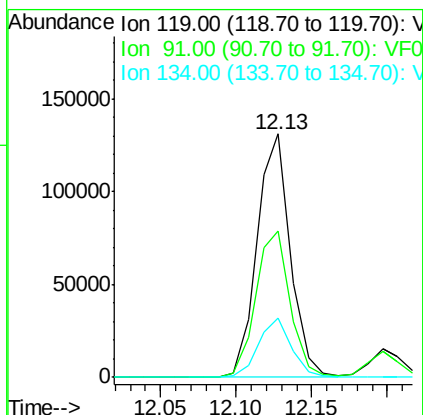
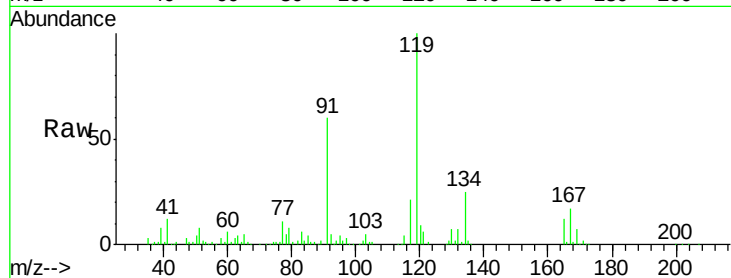




#83
 tert-Butylbenzene
 Concen: 19.733 ug/l
 RT: 12.13 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: VF061544.D
 Acq: 7 Feb 2019 14:49

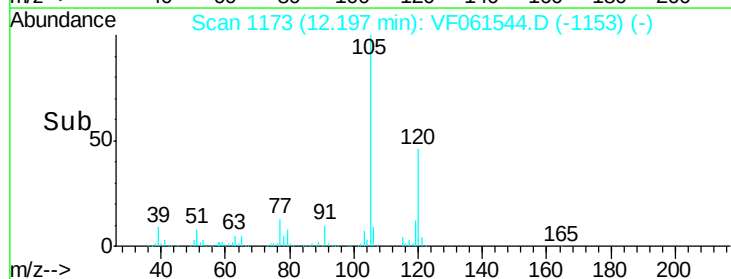
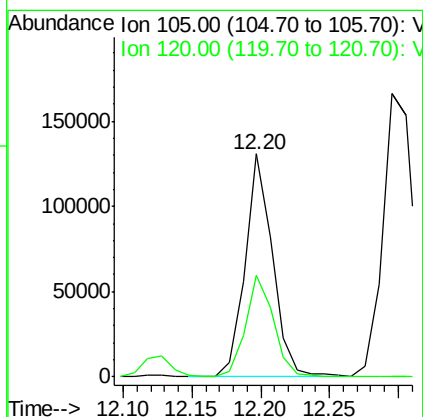
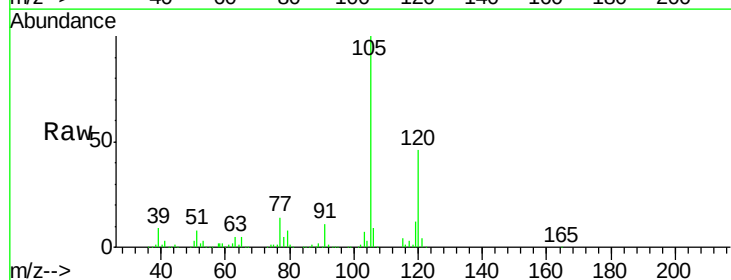
Instrument :
 MSVOA_F
 ClientSampleId :

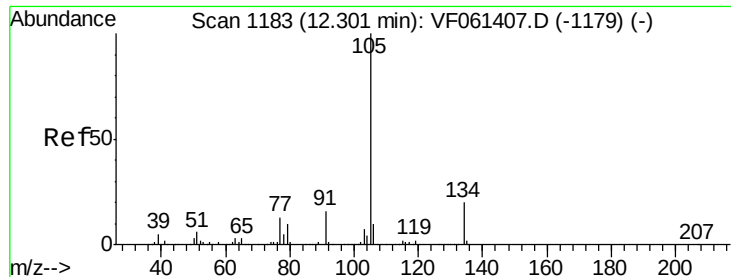
Tot Ion:119 Resp: 200834
 Ion Ratio Lower Upper
 119 100
 91 60.2 31.3 93.8
 134 24.6 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 17.884 ug/l
 RT: 12.20 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VF061544.D
 Acq: 7 Feb 2019 14:49

Tgt Ion:105 Resp: 181143
 Ion Ratio Lower Upper
 105 100
 120 45.6 24.9 74.6





#85

sec-Butylbenzene

Concen: 18.906 ug/l

RT: 12.30 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :

MSVOA_F

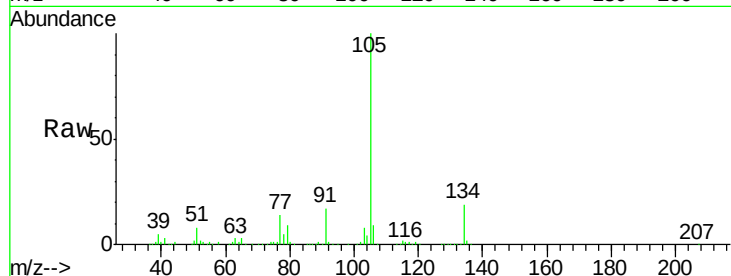
ClientSampled :

Tot Ion:105 Resp: 261297

Ion Ratio Lower Upper

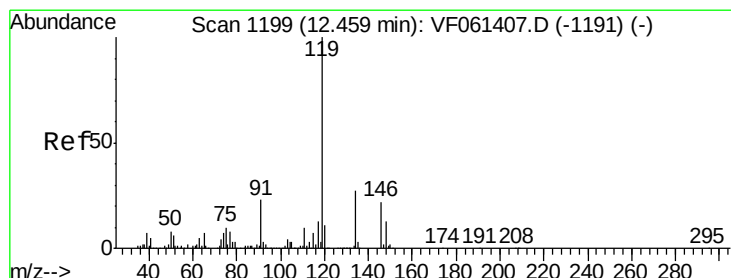
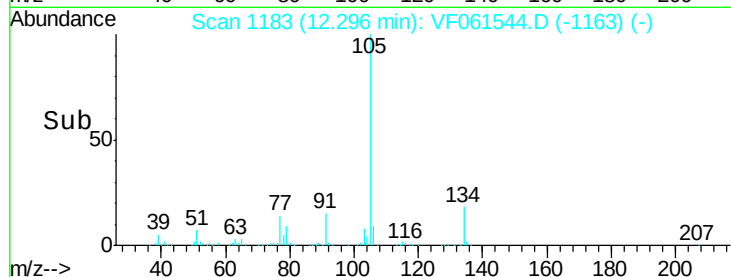
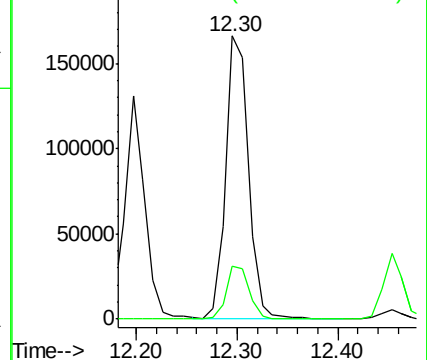
105 100

134 18.7 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.491 ug/l

RT: 12.45 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

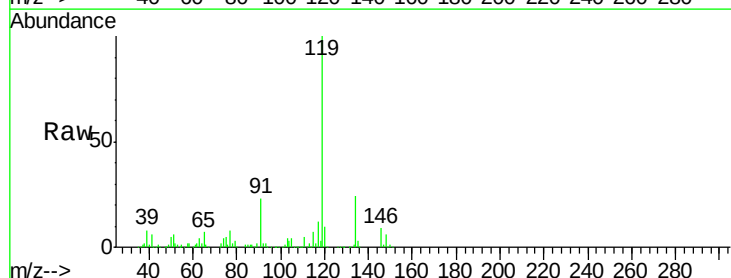
Tgt Ion:119 Resp: 221145

Ion Ratio Lower Upper

119 100

134 23.5 13.4 40.2

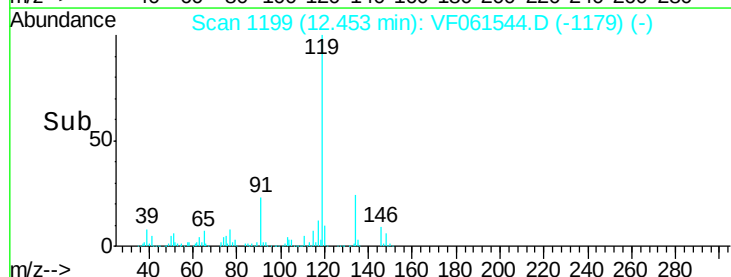
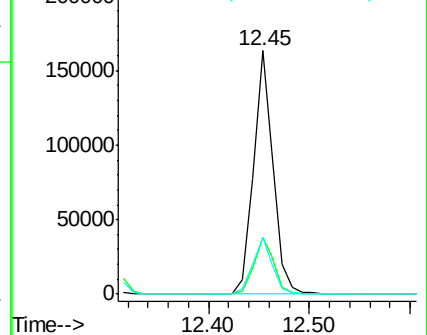
91 23.2 11.4 34.2

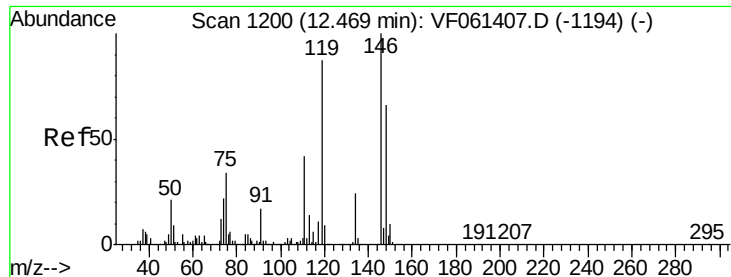


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

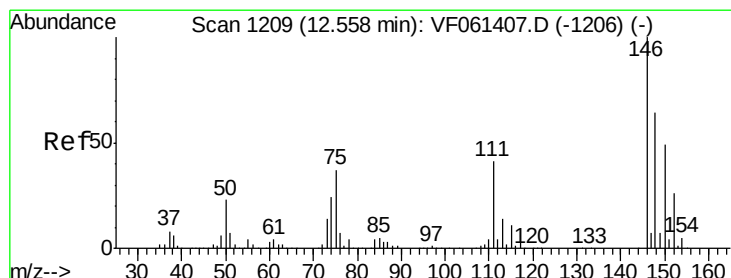
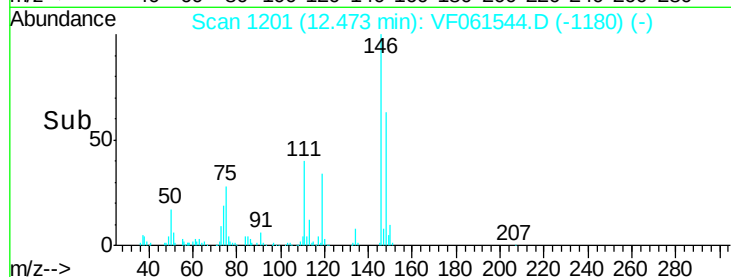
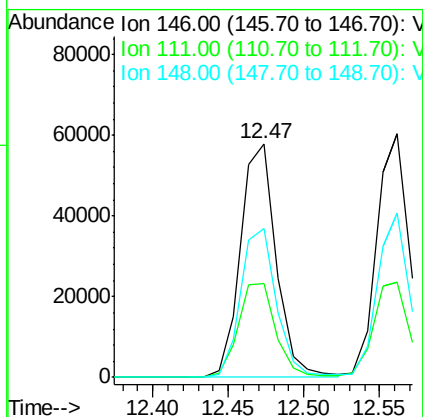
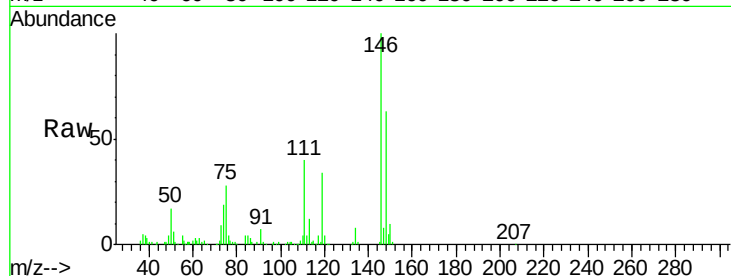




#87
 1,3-Dichlorobenzene
 Concen: 17.564 ug/l
 RT: 12.47 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: VF061544.D
 Acq: 7 Feb 2019 14:49

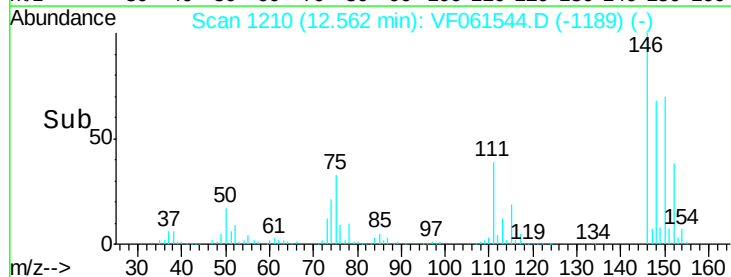
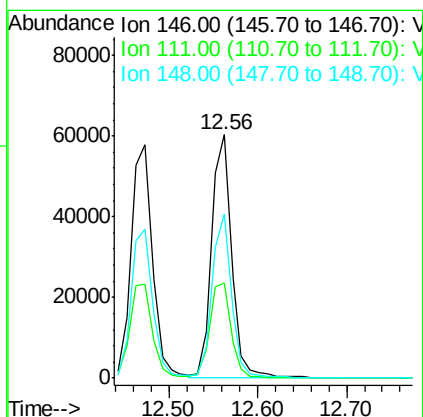
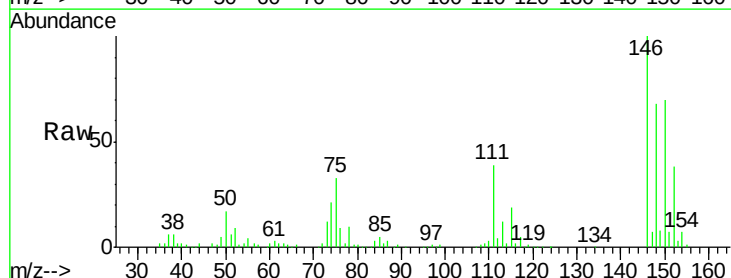
Instrument :
 MSVOA_F
 ClientSampleId :

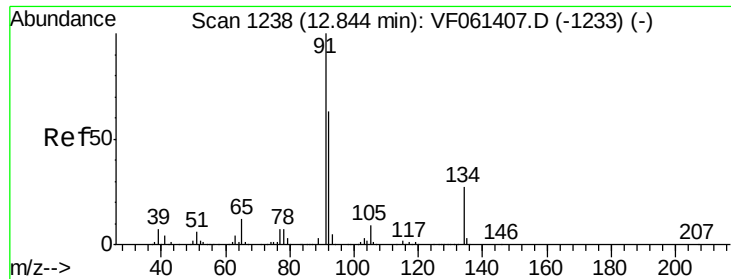
Tot Ion:146 Resp: 95194
 Ion Ratio Lower Upper
 146 100
 111 40.2 21.1 63.4
 148 63.4 32.9 98.6



#88
 1,4-Dichlorobenzene
 Concen: 19.497 ug/l
 RT: 12.56 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: VF061544.D
 Acq: 7 Feb 2019 14:49

Tgt Ion:146 Resp: 94807
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.8 62.2
 148 67.6 32.1 96.5





#89

n-Butylbenzene

Concen: 19.796 ug/l

RT: 12.84 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VF061544.D

Acq: 7 Feb 2019 14:49

Instrument :

MSVOA_F

ClientSampled :

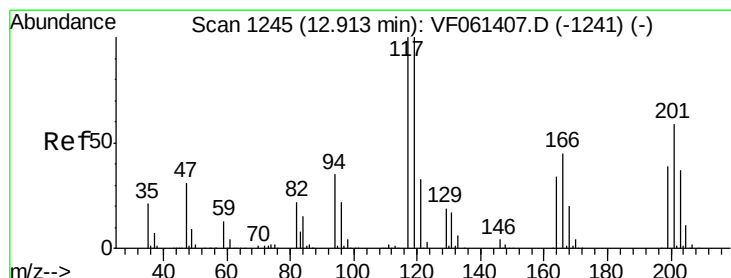
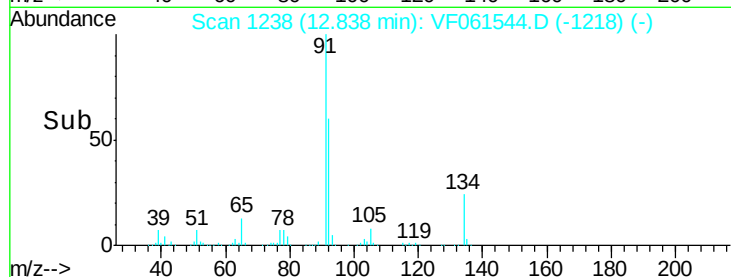
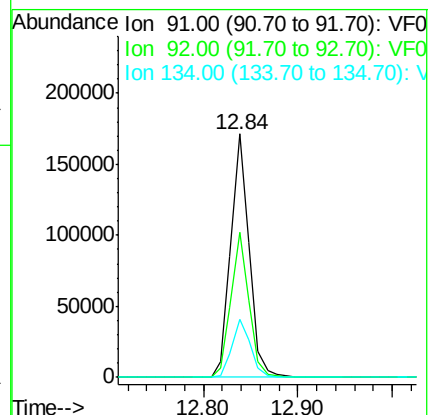
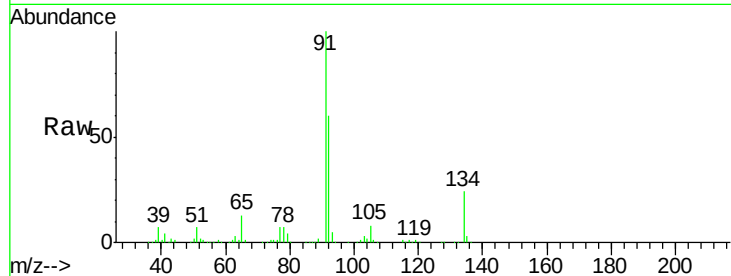
Tot Ion: 91 Resp: 231629

Ion Ratio Lower Upper

91 100

92 59.6 31.6 94.7

134 23.7 13.6 40.8



#90

Hexachloroethane

Concen: 20.877 ug/l

RT: 12.91 min Scan# 1245

Delta R.T. -0.01 min

Lab File: VF061544.D

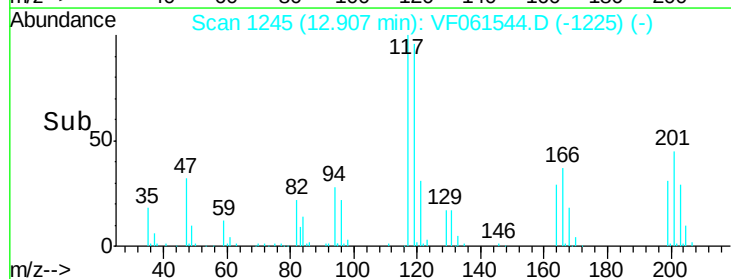
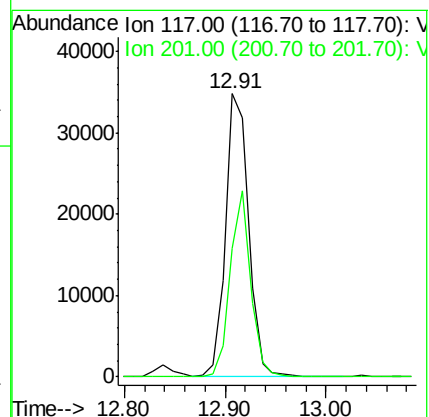
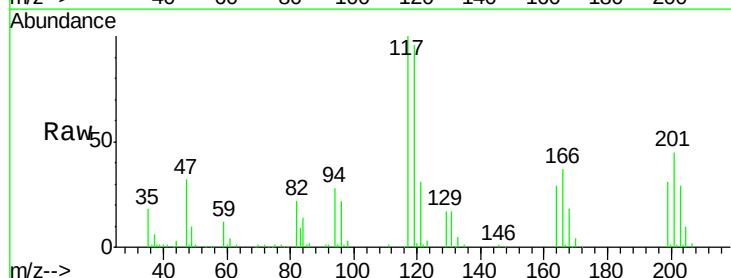
Acq: 7 Feb 2019 14:49

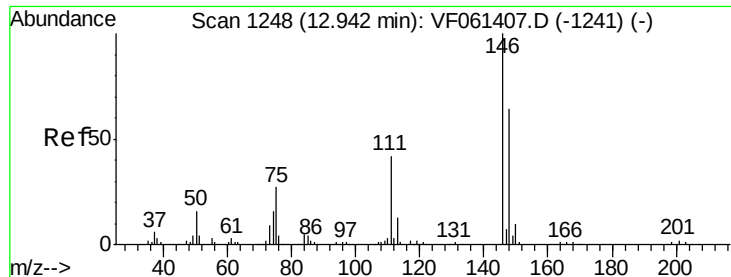
Tgt Ion: 117 Resp: 55834

Ion Ratio Lower Upper

117 100

201 46.6 29.3 87.8

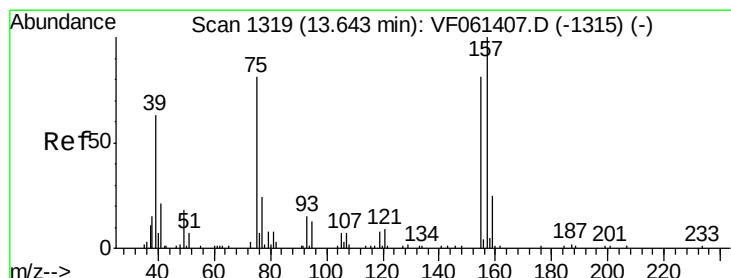
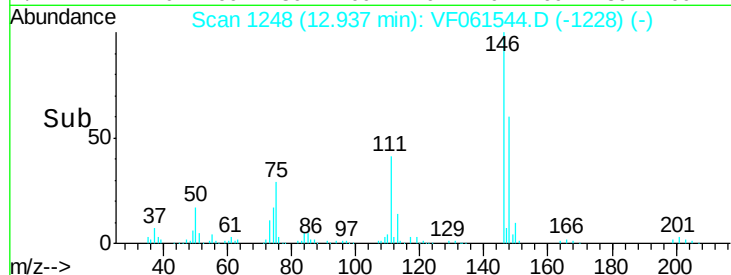
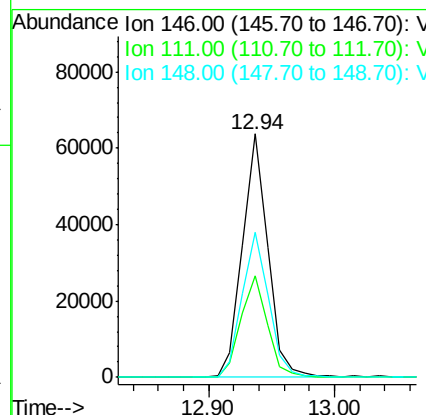
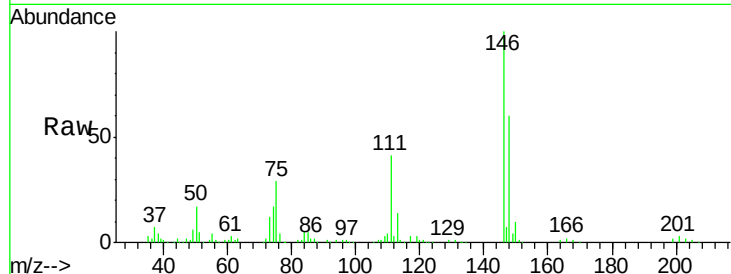




#91
 1,2-Dichlorobenzene
 Concen: 18.557 ug/l
 RT: 12.94 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: VF061544.D
 Acq: 7 Feb 2019 14:49

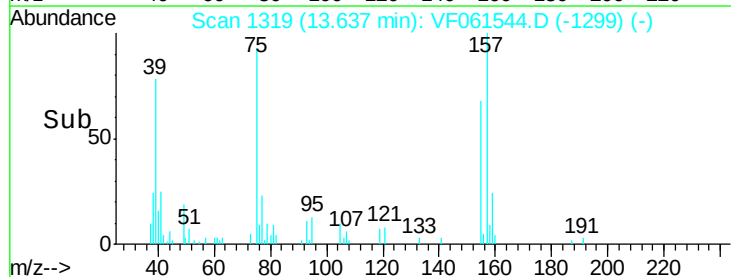
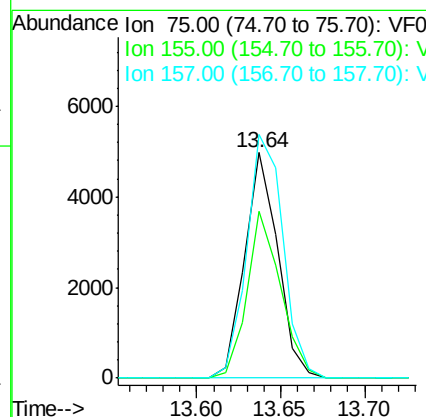
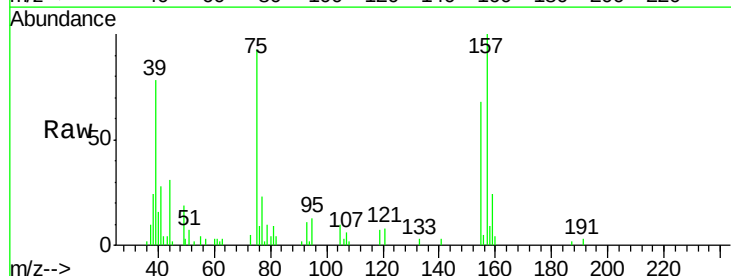
Instrument :
 MSVOA_F
 ClientSampleId :

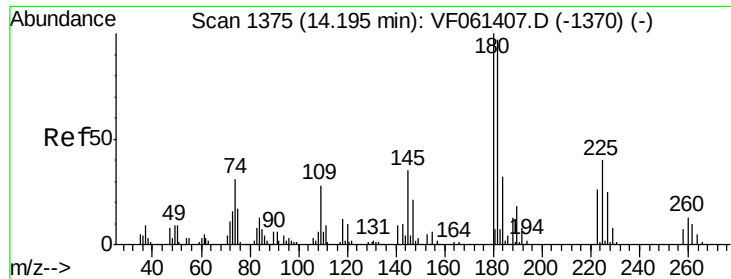
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.1	63.3
148	59.7	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.704 ug/l
 RT: 13.64 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: VF061544.D
 Acq: 7 Feb 2019 14:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.9	49.7	149.1
157	108.0	61.4	184.1

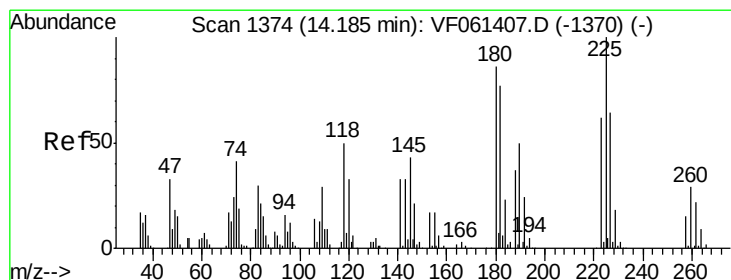
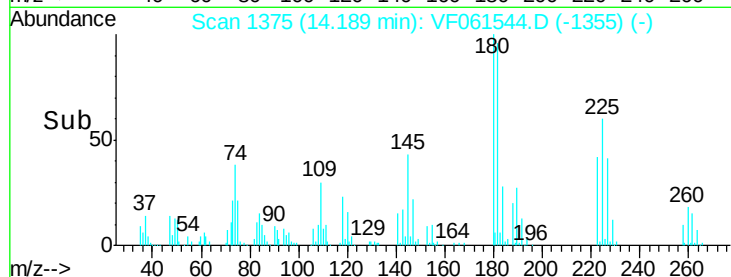
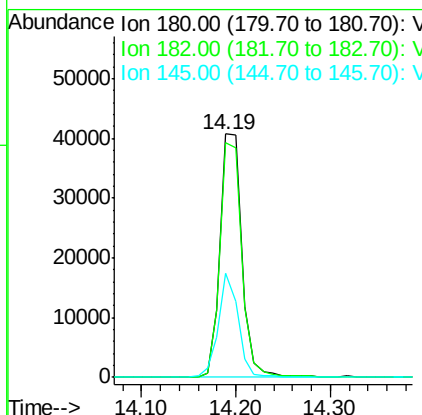
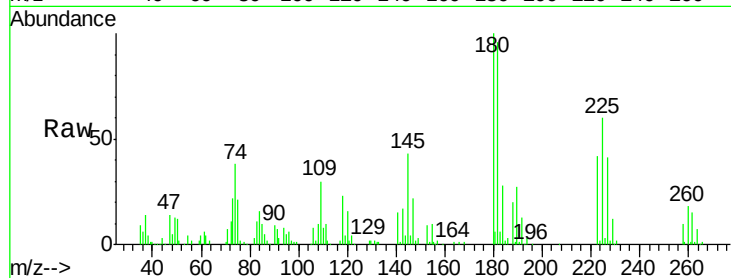




#93
 1,2,4-Trichlorobenzene
 Concen: 19.434 ug/l
 RT: 14.19 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: VF061544.D
 Acq: 7 Feb 2019 14:49

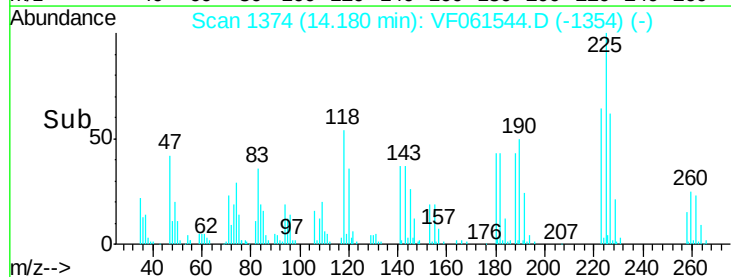
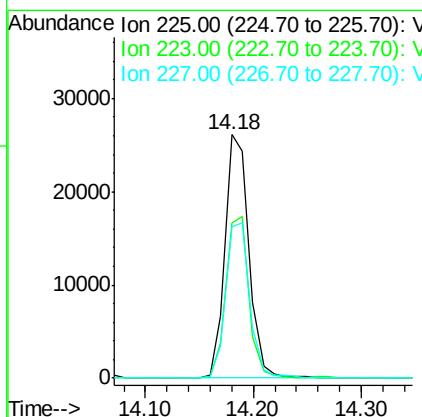
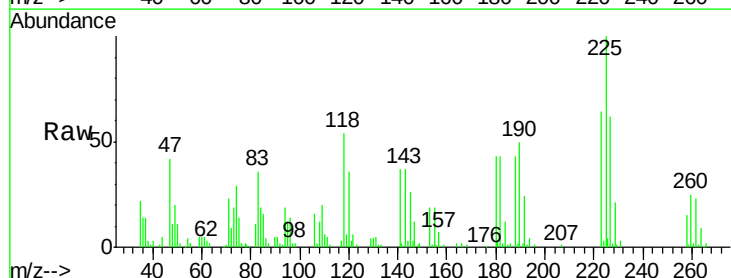
Instrument :
 MSVOA_F
 ClientSampled :

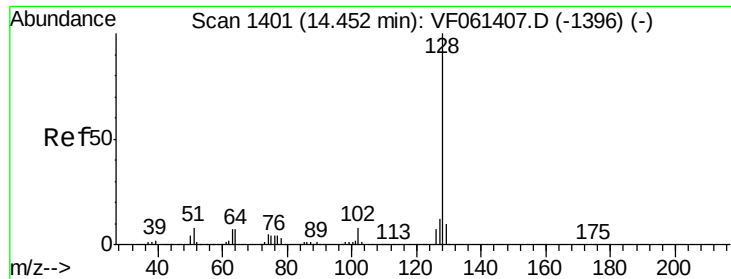
Tot Ion:180 Resp: 65535
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.5 145.6
 145 42.7 17.5 52.6



#94
 Hexachlorobutadiene
 Concen: 19.275 ug/l
 RT: 14.18 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: VF061544.D
 Acq: 7 Feb 2019 14:49

Tgt Ion:225 Resp: 40333
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.1 93.2
 227 62.1 32.2 96.6

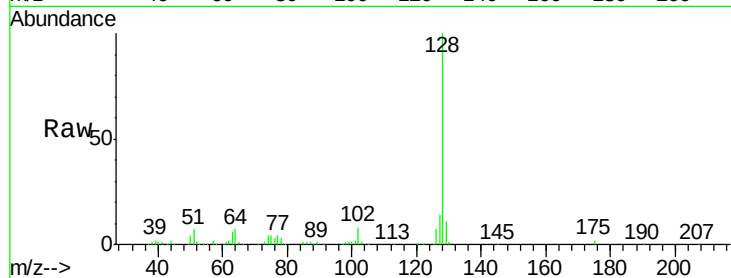




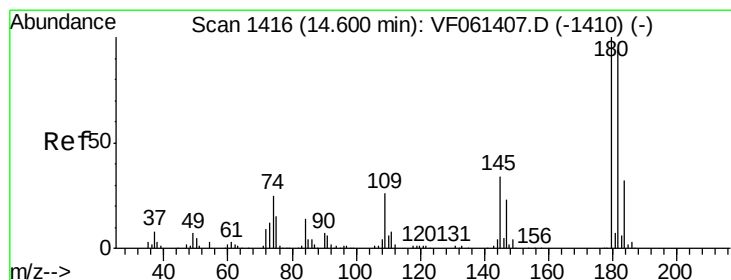
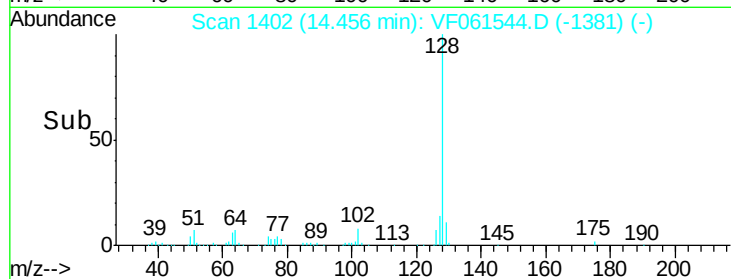
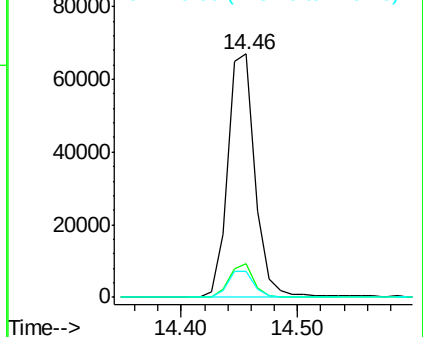
#95
Naphthalene
Concen: 17.020 ug/l
RT: 14.46 min Scan# 1402
Delta R.T. 0.00 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:128 Resp: 109044
Ion Ratio Lower Upper
128 100
127 13.9 9.5 14.3
129 10.9 8.4 12.6

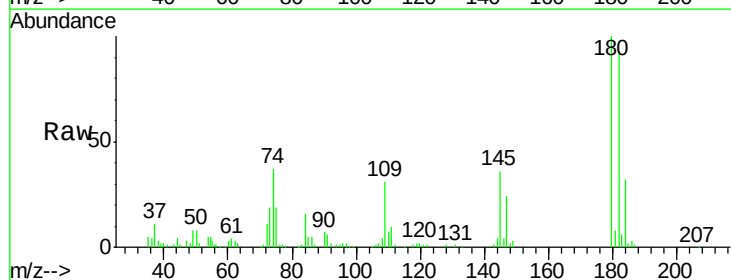


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.023 ug/l
RT: 14.59 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VF061544.D
Acq: 7 Feb 2019 14:49

Tgt Ion:180 Resp: 56262
Ion Ratio Lower Upper
180 100
182 92.8 47.0 141.2
145 36.1 17.1 51.2



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

