

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061219\
 Data File : VF062939.D
 Acq On : 12 Jun 2019 20:36
 Operator : FY/SY
 Sample : VSTDCCC050EC
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 13 08:33:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	604827	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.79	114	505126	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	737595	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.61	152	281386	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.03	65	262195	62.69	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	125.38%	
35) Dibromofluoromethane	4.31	113	483896	126.77	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	253.54%	
50) Toluene-d8	7.69	98	285563	29.58	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	59.16%	
62) 4-Bromofluorobenzene	11.49	95	326034	93.90	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	187.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.02	85	315105	45.671	ug/l	96
3) Chloromethane	1.15	50	305427	48.804	ug/l	93
4) Vinyl Chloride	1.20	62	337494	54.269	ug/l	92
5) Bromomethane	1.40	94	195570	55.142	ug/l	95
6) Chloroethane	1.44	64	128233	55.149	ug/l	88
7) Trichlorofluoromethane	1.56	101	497673	56.528	ug/l	97
8) Diethyl Ether	1.72	74	85828	49.551	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	1.92	101	331794	59.943	ug/l	98
10) Methyl Iodide	1.99	142	626160	56.419	ug/l	98
11) Tert butyl alcohol	2.70	59	84159	332.163	ug/l #	87
12) 1,1-Dichloroethene	1.88	96	263859	52.497	ug/l	96
13) Acrolein	2.10	56	28742	285.110	ug/l	91
14) Allyl chloride	2.20	41	300546	77.078	ug/l	93
15) Acrylonitrile	3.09	53	220875	232.000	ug/l	96
16) Acetone	2.35	43	275132	287.416	ug/l	97
17) Carbon Disulfide	1.92	76	779363	53.054	ug/l	97
18) Methyl Acetate	2.46	43	109043	65.186	ug/l	94
19) Methyl tert-butyl Ether	2.55	73	583588	64.088	ug/l	98
20) Methylene Chloride	2.34	84	167440	33.973	ug/l #	89
21) trans-1,2-Dichloroethene	2.43	96	284415	56.437	ug/l	98
22) Diisopropyl ether	2.94	45	602256	54.364	ug/l	93
23) Vinyl Acetate	3.34	43	2302895	303.645	ug/l #	81
24) 1,1-Dichloroethane	3.01	63	553072	66.865	ug/l #	95
25) 2-Butanone	4.52	43	679389	304.762	ug/l	97
26) 2,2-Dichloropropane	3.78	77	315443	67.165	ug/l	93
27) cis-1,2-Dichloroethene	3.65	96	472798	55.813	ug/l	87
28) Bromochloromethane	3.90	49	257345	57.198	ug/l	91
29) Tetrahydrofuran	4.27	42	273725	321.038	ug/l	93
30) Chloroform	4.06	83	789054	67.687	ug/l	94
31) Cyclohexane	3.88	56	632224	56.457	ug/l	95
32) 1,1,1-Trichloroethane	4.29	97	504020	74.259	ug/l	95
36) 1,1-Dichloropropene	4.48	75	527472	113.431	ug/l	100
37) Ethyl Acetate	4.30	43	243724	137.110	ug/l	87
38) Carbon Tetrachloride	4.19	117	454977	144.770	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	526819	91.026	ug/l	99
40) Benzene	4.82	78	1591379	117.587	ug/l	99
41) Methacrylonitrile	4.94	41	129277	130.821	ug/l	91
42) 1,2-Dichloroethane	5.13	62	358964	139.458	ug/l	100
43) Isopropyl Acetate	7.11	43	284282	121.063	ug/l #	68
44) Trichloroethene	5.69	130	264109	69.148	ug/l	61
45) 1,2-Dichloropropane	6.41	63	397948	117.174	ug/l	95
46) Dibromomethane	6.25	93	138033	69.613	ug/l	88
47) Bromodichloromethane	6.55	83	452365	112.021	ug/l	99
48) Methyl methacrylate	6.88	41	148968	123.095	ug/l #	54
49) 1,4-Dioxane	6.87	88	12054	755.661	ug/l #	33
51) 4-Methyl-2-Pentanone	8.40	43	1088208	649.103	ug/l	95
52) Toluene	7.77	92	410686	56.340	ug/l	94
53) t-1,3-Dichloropropene	8.42	75	387284	115.737	ug/l	97
54) cis-1,3-Dichloropropene	7.46	75	571834	118.056	ug/l	99
55) 1,1,2-Trichloroethane	8.65	97	190363	87.415	ug/l	96
56) Ethyl methacrylate	8.75	69	267352	114.419	ug/l	97
57) 1,3-Dichloropropane	8.99	76	417838	117.496	ug/l #	84
58) 2-Chloroethyl Vinyl ether	7.45	63	488928	598.726	ug/l #	89
59) 2-Hexanone	9.63	43	716127	599.299	ug/l	96
60) Dibromochloromethane	8.86	129	252708	93.731	ug/l	99
61) 1,2-Dibromoethane	9.12	107	160738	71.071	ug/l #	73
64) Tetrachloroethene	8.30	164	241427	42.595	ug/l #	50
65) Chlorobenzene	9.94	112	474075	33.282	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.06	131	223332	39.369	ug/l	87
67) Ethyl Benzene	10.04	91	882125	36.088	ug/l	94
68) m/p-Xylenes	10.26	106	925914	98.990	ug/l #	61
69) o-Xylene	10.81	106	387196	40.886	ug/l #	1
70) Styrene	10.89	104	740533	53.052	ug/l #	92
71) Bromoform	10.88	173	178581	65.622	ug/l #	99
73) Isopropylbenzene	11.20	105	1177626	59.979	ug/l	91
74) N-amyl acetate	11.44	43	436911	78.955	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	11.76	83	331705	79.112	ug/l	99
76) 1,2,3-Trichloropropane	11.86	75	228844	82.339	ug/l	91
77) Bromobenzene	11.58	156	334100	67.725	ug/l	87
78) n-propylbenzene	11.67	91	1761783	74.316	ug/l	94
79) 2-Chlorotoluene	11.79	91	884316	65.192	ug/l	93
80) 1,3,5-Trimethylbenzene	11.89	105	918684	57.216	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.93	75	117050	99.477	ug/l #	90
82) 4-Chlorotoluene	11.96	91	803407	60.267	ug/l	99
83) tert-Butylbenzene	12.20	119	907863	57.063	ug/l	91
84) 1,2,4-Trimethylbenzene	12.27	105	1143362	75.104	ug/l	100
85) sec-Butylbenzene	12.36	105	994230	47.425	ug/l	86
86) p-Isopropyltoluene	12.51	119	1344508	77.050	ug/l #	81
87) 1,3-Dichlorobenzene	12.53	146	481234	55.313	ug/l	87
88) 1,4-Dichlorobenzene	12.53	146	481234	59.269	ug/l	87
89) n-Butylbenzene	12.90	91	903441	51.469	ug/l #	59
90) Hexachloroethane	12.97	117	317091	74.505	ug/l	88
91) 1,2-Dichlorobenzene	13.00	146	552313	72.225	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.69	75	39385	86.219	ug/l	93

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Quant Time: Jun 13 08:33:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration

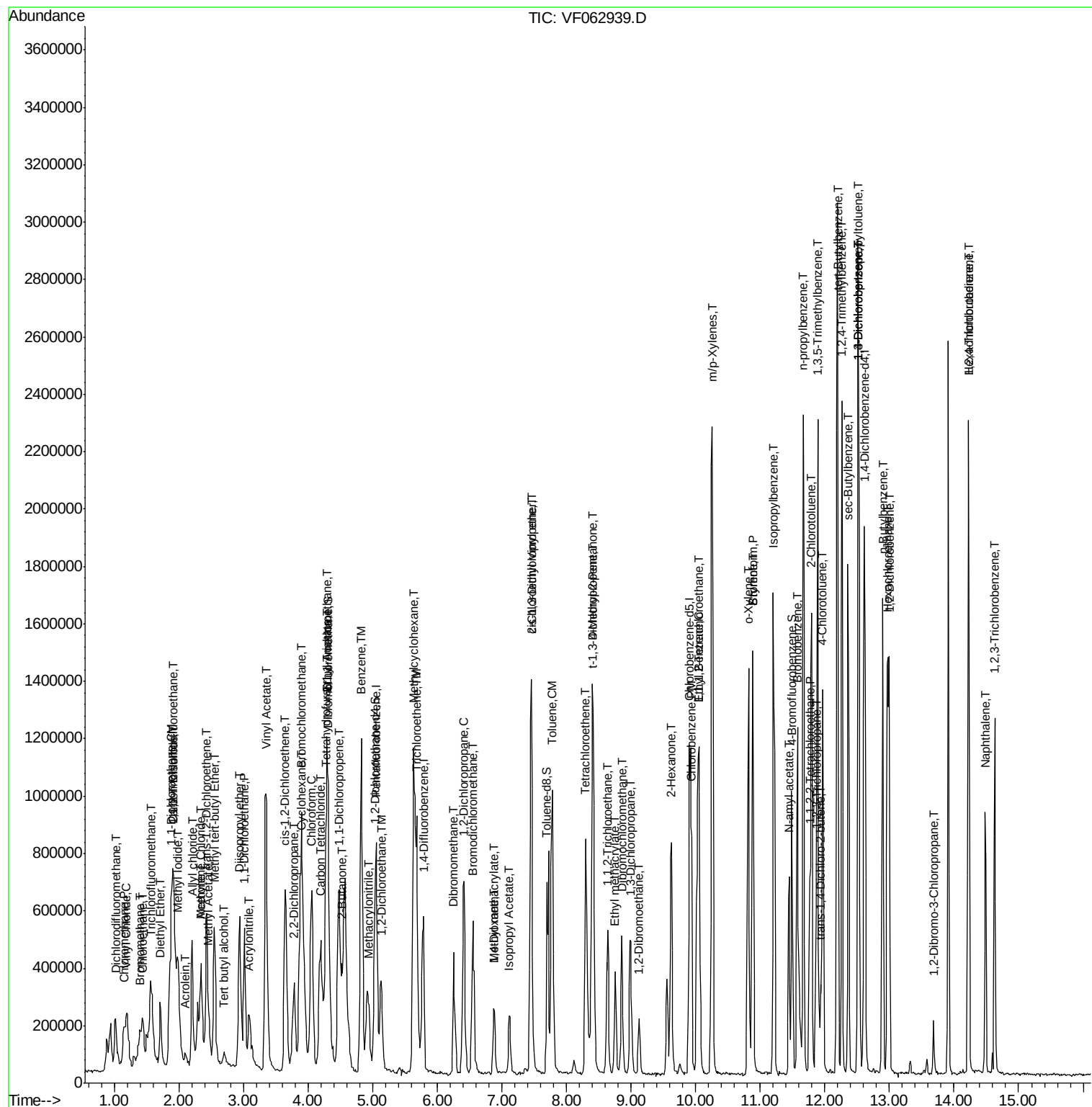
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	325590	62.010	ug/l #	86
94) Hexachlorobutadiene	14.22	225	287276	79.088	ug/l	97
95) Naphthalene	14.48	128	624037	72.546	ug/l	99
96) 1,2,3-Trichlorobenzene	14.63	180	369038	76.998	ug/l	97

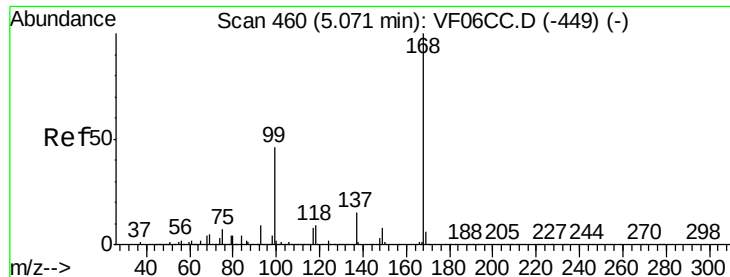
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 MSVOA_F
 ClientSampled :

Quant Time: Jun 13 08:33:02 2019
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 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

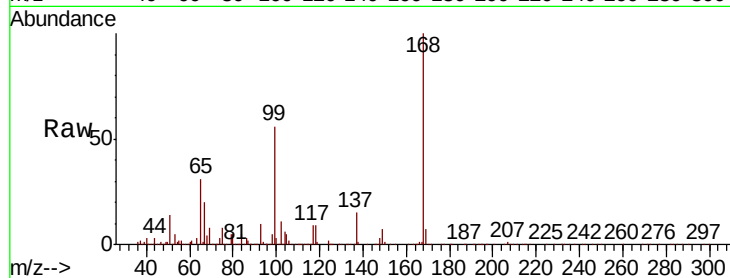
Instrument :
MSVOA_F
ClientSampled :

Tot Ion:168 Resp: 604827

Ion Ratio Lower Upper

168 100

99 55.9 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

200000

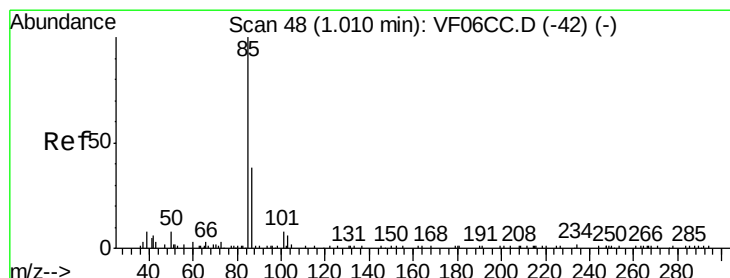
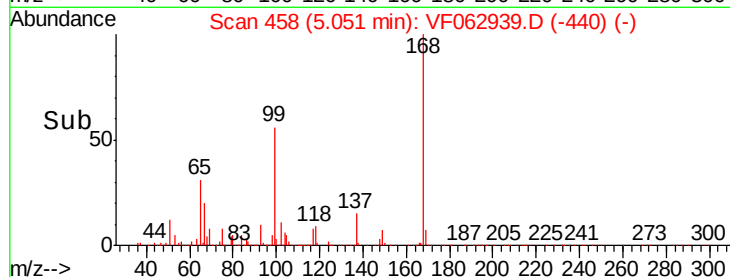
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.671 ug/l

RT: 1.02 min Scan# 49

Delta R.T. 0.01 min

Lab File: VF062939.D

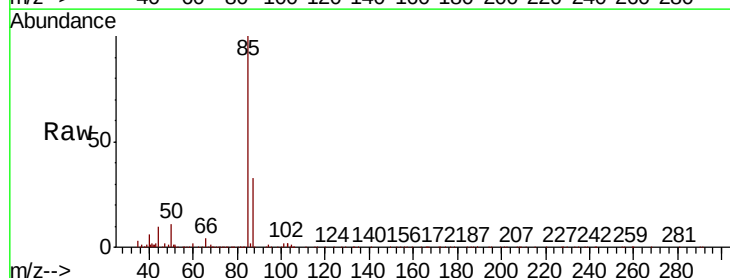
Acq: 12 Jun 2019 20:36

Tgt Ion: 85 Resp: 315105

Ion Ratio Lower Upper

85 100

87 33.2 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.02

120000

100000

80000

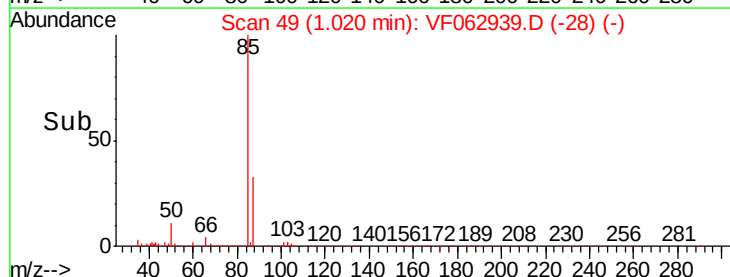
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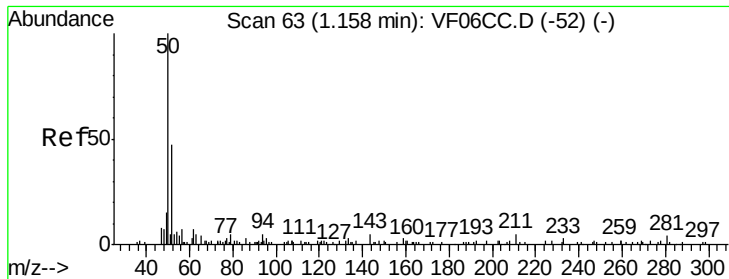
40000

20000

0

Time-->





#3

Chloromethane

Concen: 48.804 ug/l

RT: 1.15 min Scan# 62

Delta R.T. -0.00 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

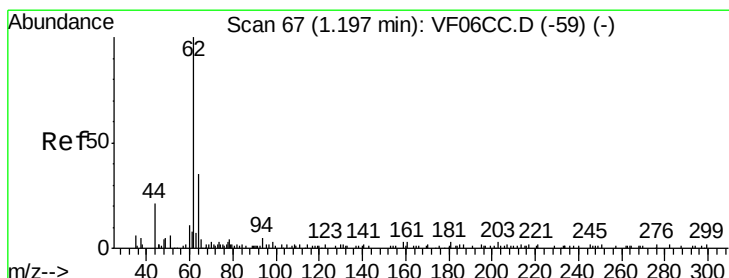
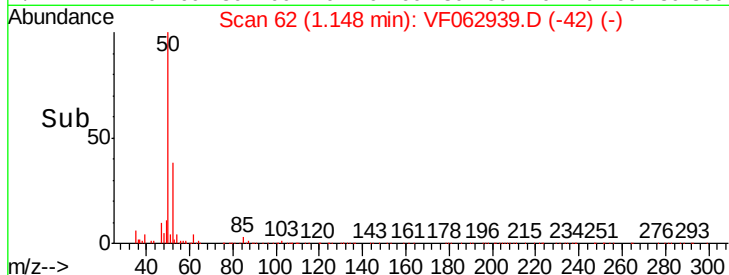
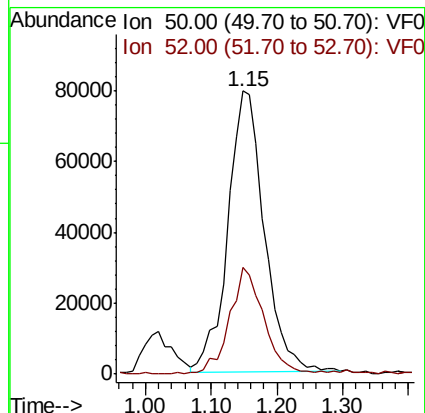
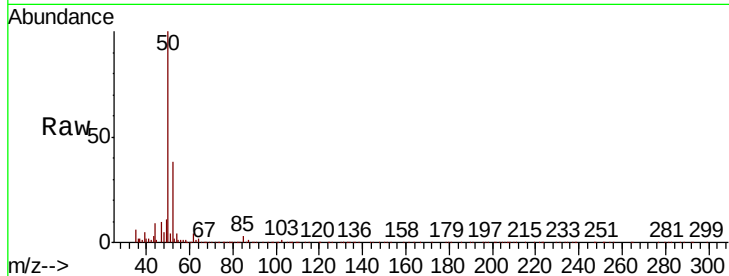
ClientSampleId :

Tot Ion: 50 Resp: 305427

Ion Ratio Lower Upper

50 100

52 37.8 27.0 40.4



#4

Vinyl Chloride

Concen: 54.269 ug/l

RT: 1.20 min Scan# 67

Delta R.T. -0.00 min

Lab File: VF062939.D

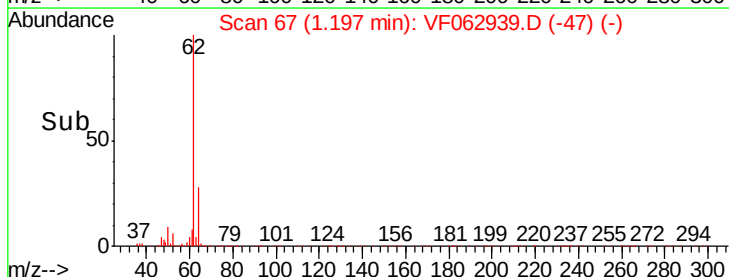
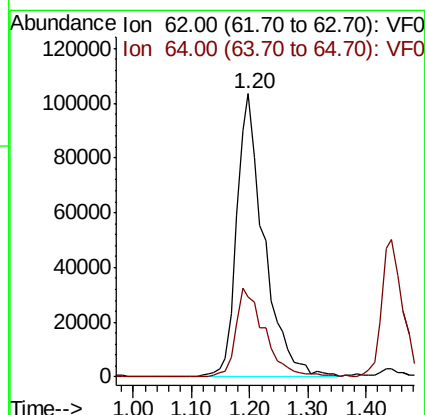
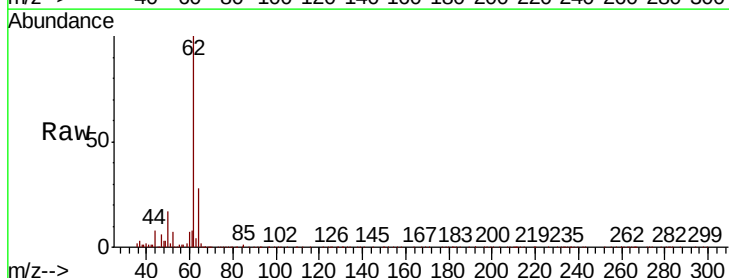
Acq: 12 Jun 2019 20:36

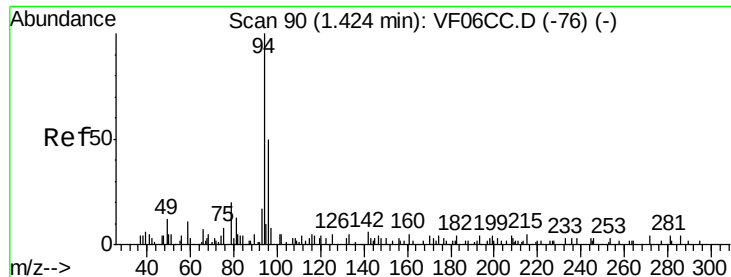
Tgt Ion: 62 Resp: 337494

Ion Ratio Lower Upper

62 100

64 28.3 26.2 39.2

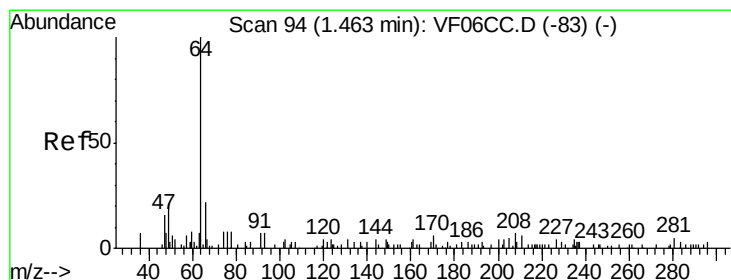
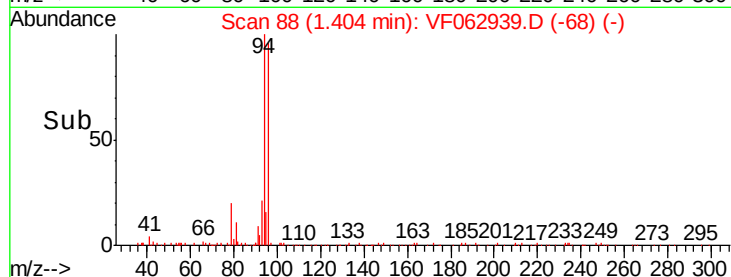
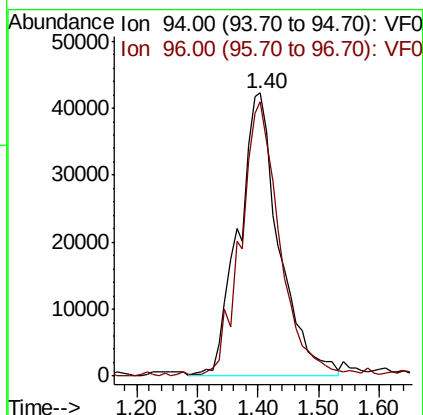
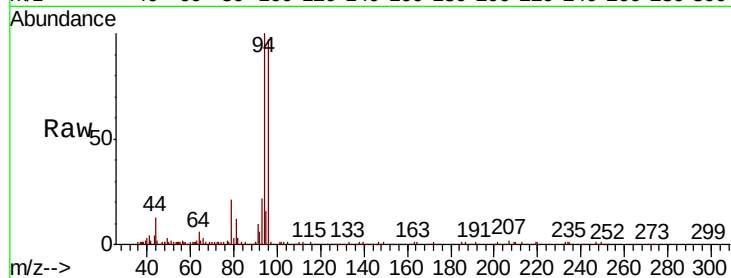




#5
Bromomethane
Concen: 55.142 ug/l
RT: 1.40 min Scan# 88
Delta R.T. -0.00 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

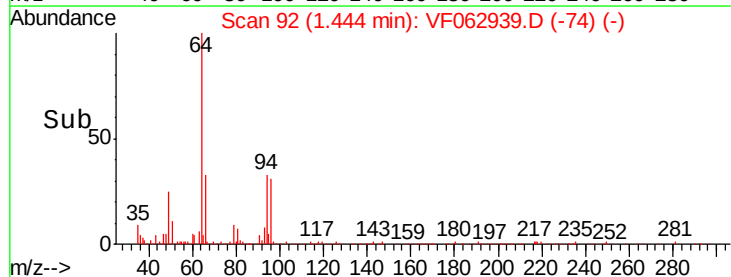
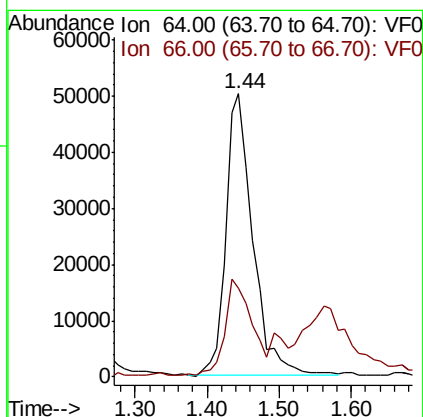
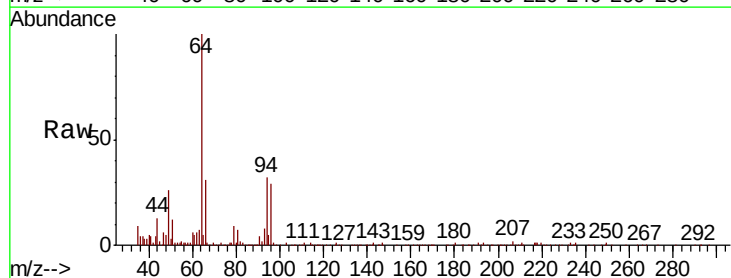
Instrument :
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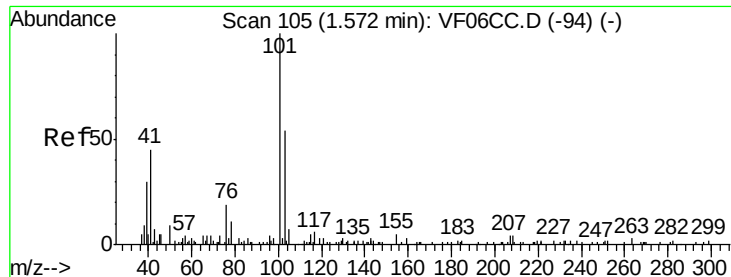
Tot Ion: 94 Resp: 195570
Ion Ratio Lower Upper
94 100
96 97.0 73.8 110.6



#6
Chloroethane
Concen: 55.149 ug/l
RT: 1.44 min Scan# 92
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion: 64 Resp: 128233
Ion Ratio Lower Upper
64 100
66 31.4 31.0 46.4



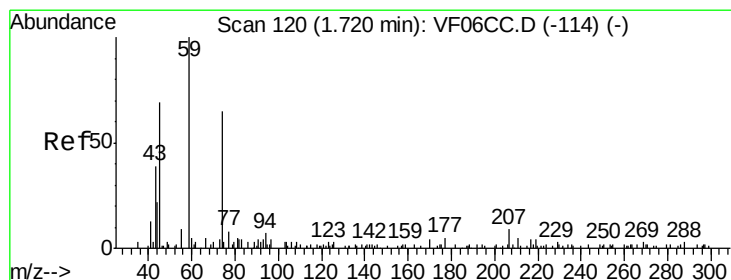
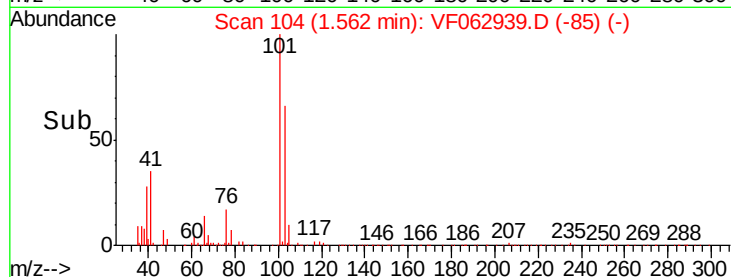
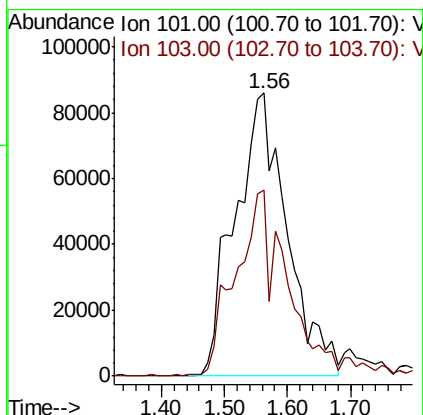
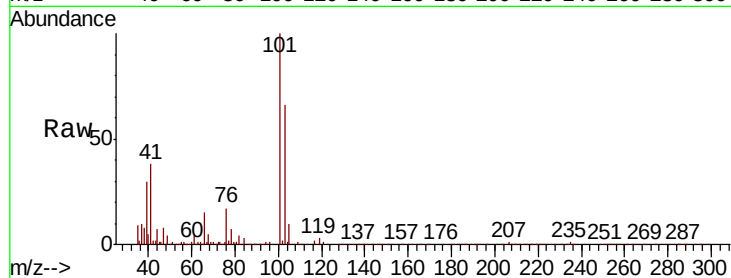


#7

Trichlorofluoromethane
Concen: 56.528 ug/l
RT: 1.56 min Scan# 104
Delta R.T. -0.01 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Instrument :
MSVOA_F
ClientSampleId :

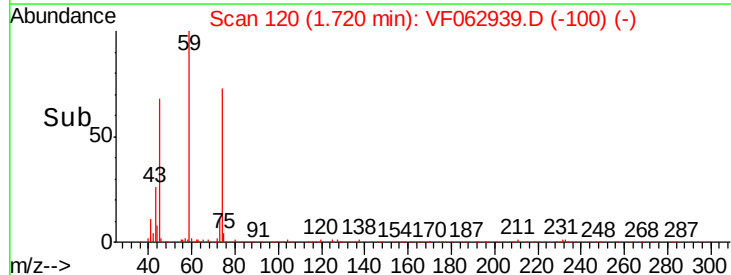
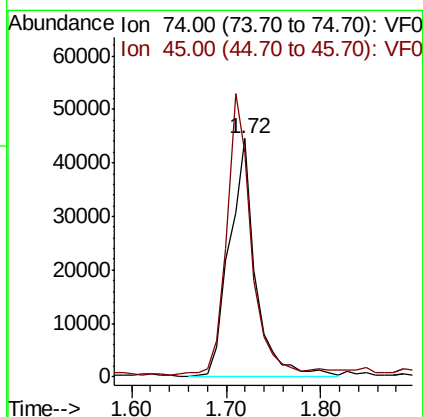
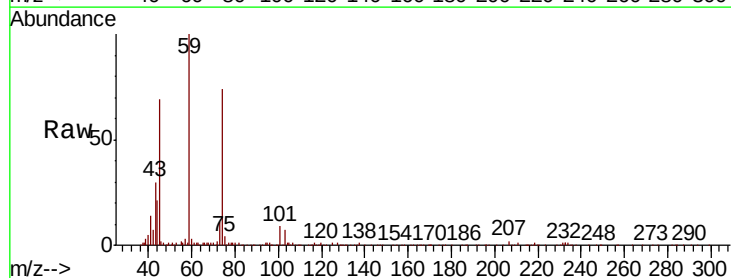
Tot Ion:101 Resp: 497673
Ion Ratio Lower Upper
101 100
103 65.8 54.6 82.0

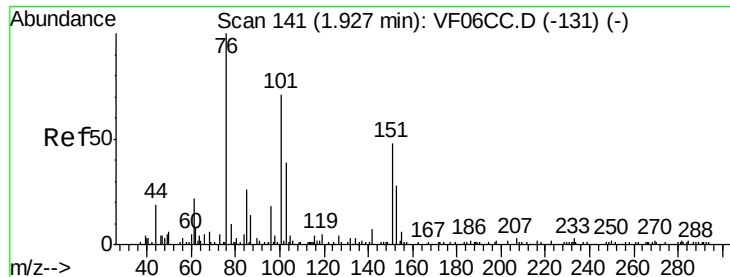


#8

Diethyl Ether
Concen: 49.551 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.00 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion: 74 Resp: 85828
Ion Ratio Lower Upper
74 100
45 93.9 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 59.943 ug/l

RT: 1.92 min Scan# 140

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

ClientSampleId :

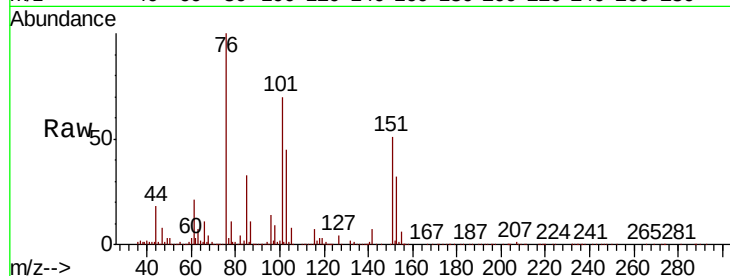
Tot Ion:101 Resp: 331794

Ion Ratio Lower Upper

101 100

85 47.1 37.1 55.7

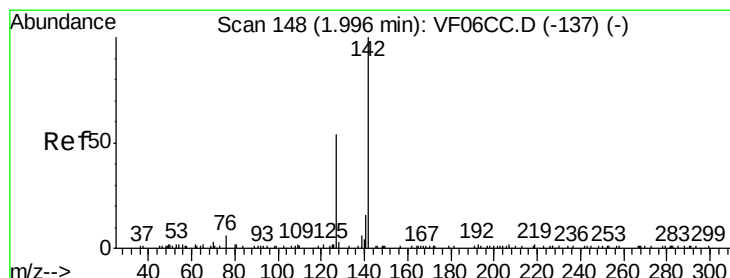
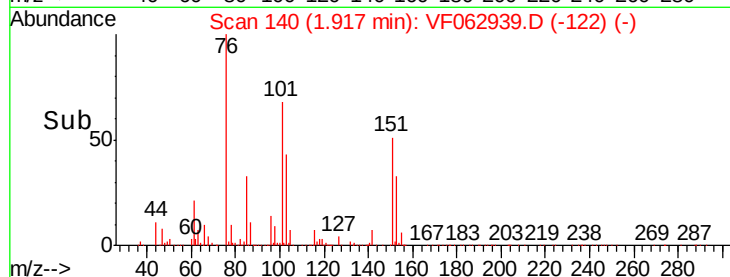
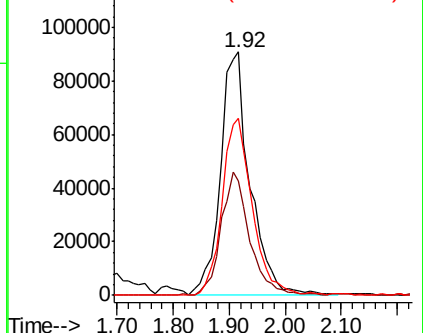
151 72.9 60.3 90.5



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: 56.419 ug/l

RT: 1.99 min Scan# 147

Delta R.T. -0.03 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

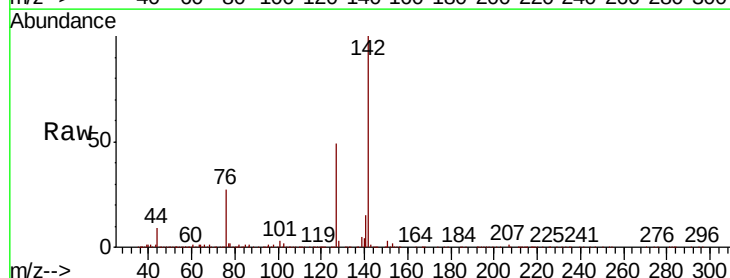
Tgt Ion:142 Resp: 626160

Ion Ratio Lower Upper

142 100

127 48.7 39.4 59.2

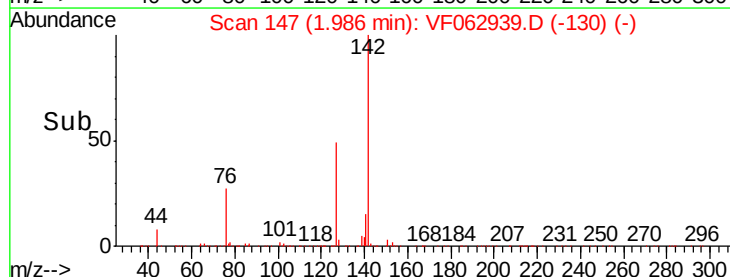
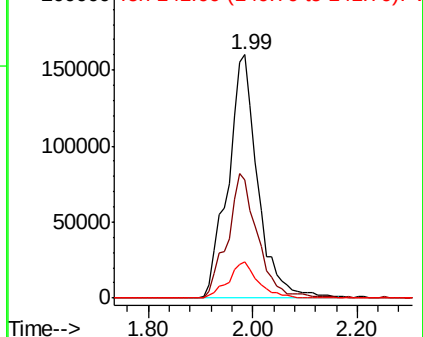
141 14.9 10.6 15.8

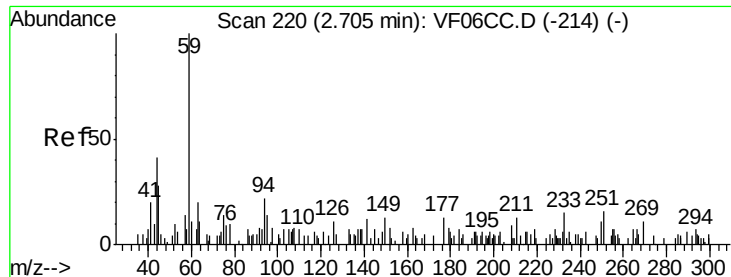


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



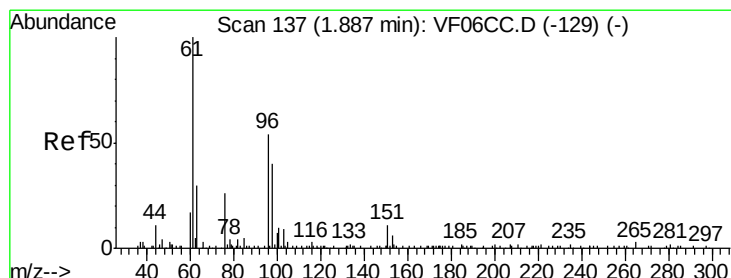
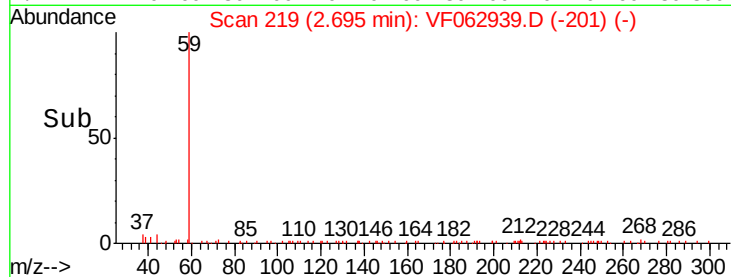
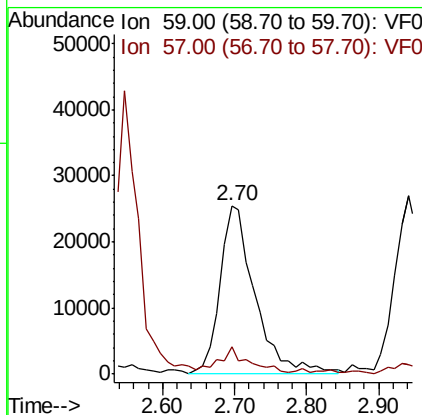
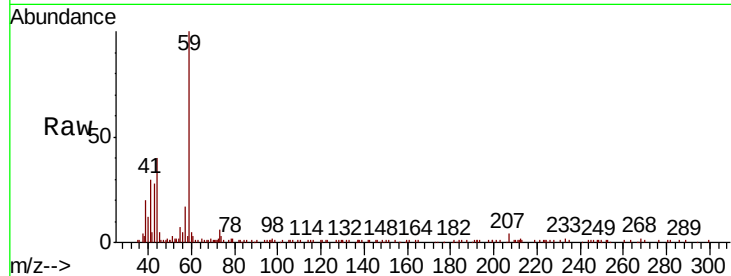


#11

Tert butyl alcohol
Concen: 332.163 ug/l
RT: 2.70 min Scan# 219
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Instrument :
MSVOA_F
ClientSampled :

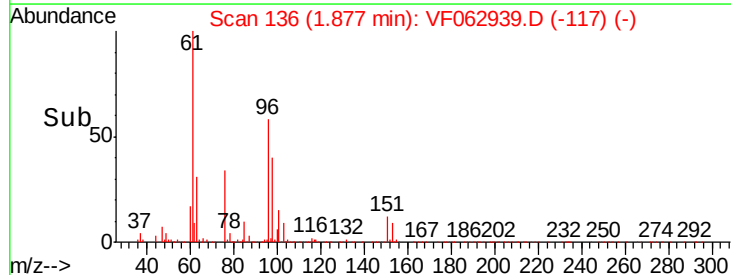
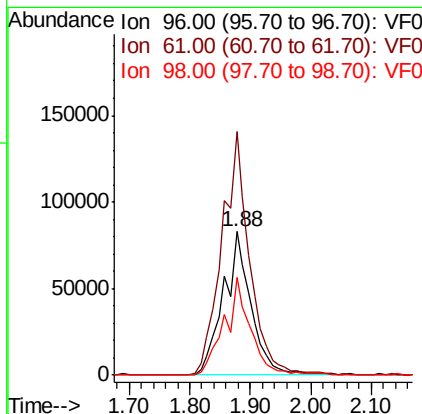
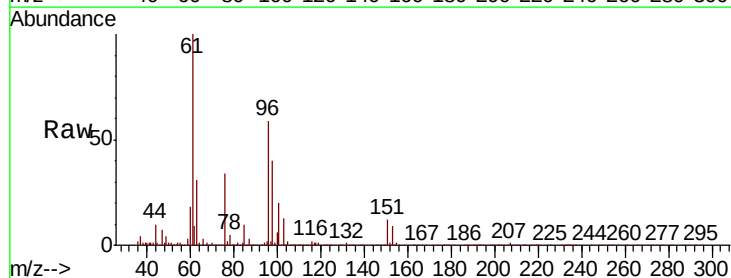
Tot Ion: 59 Resp: 84159
Ion Ratio Lower Upper
59 100
57 16.5 9.2 13.8#

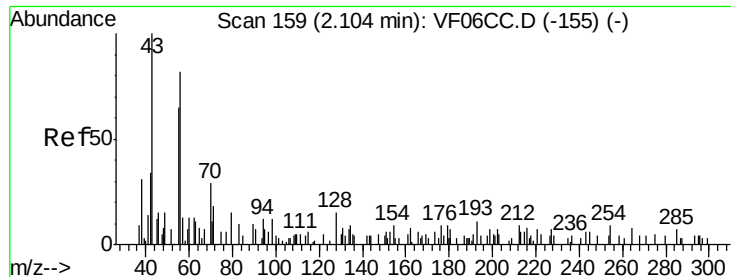


#12

1,1-Dichloroethene
Concen: 52.497 ug/l
RT: 1.88 min Scan# 136
Delta R.T. -0.01 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion: 96 Resp: 263859
Ion Ratio Lower Upper
96 100
61 169.7 139.4 209.2
98 68.2 50.3 75.5

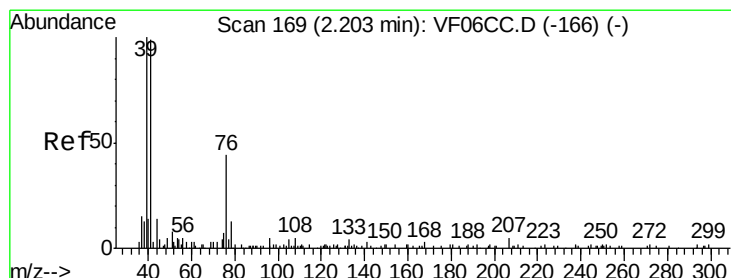
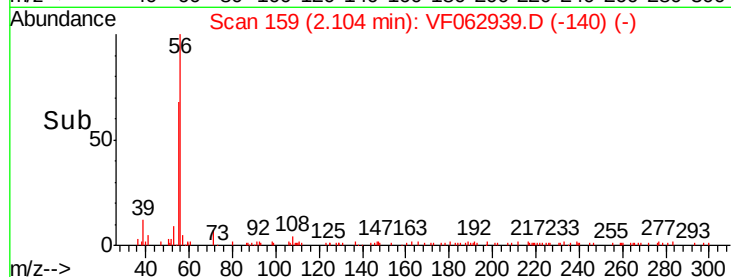
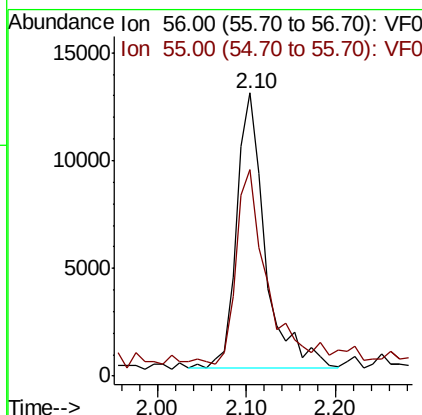
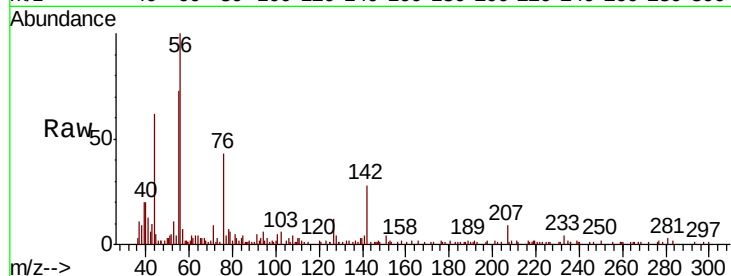




#13
Acrolein
Concen: 285.110 ug/l
RT: 2.10 min Scan# 159
Delta R.T. -0.01 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

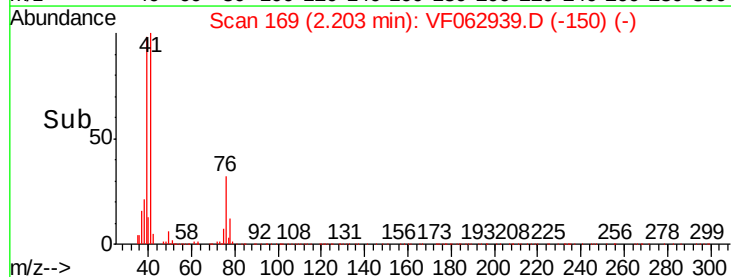
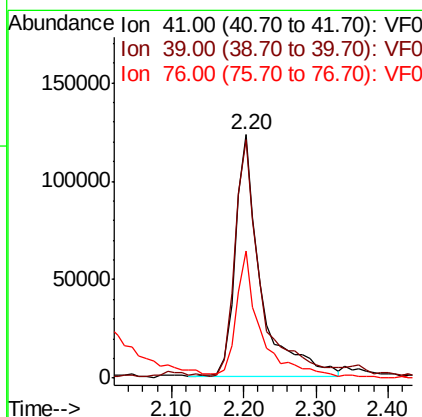
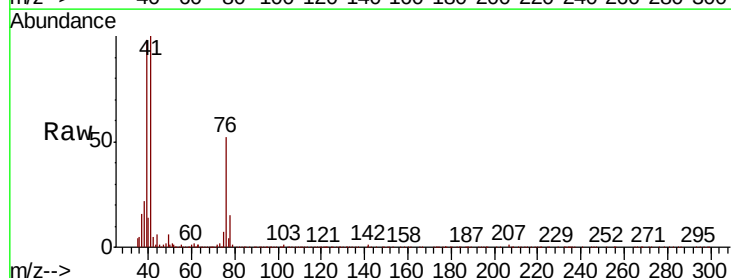
Instrument :
MSVOA_F
ClientSampleId :

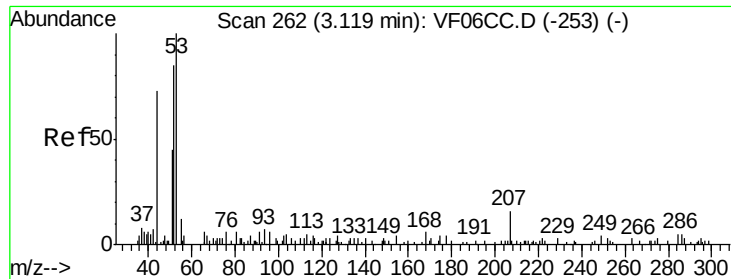
Tot Ion: 56 Resp: 28742
Ion Ratio Lower Upper
56 100
55 73.2 52.9 79.3



#14
Allyl chloride
Concen: 77.078 ug/l
RT: 2.20 min Scan# 169
Delta R.T. -0.01 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion: 41 Resp: 300546
Ion Ratio Lower Upper
41 100
39 97.9 71.9 107.9
76 52.3 39.6 59.4

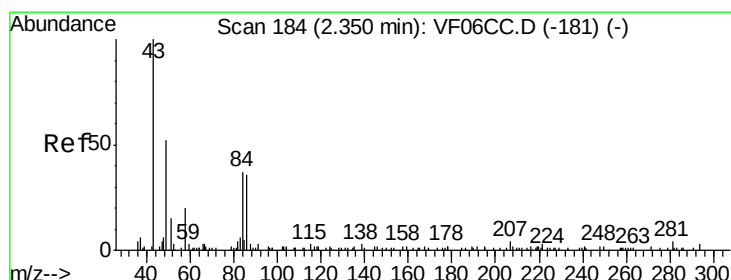
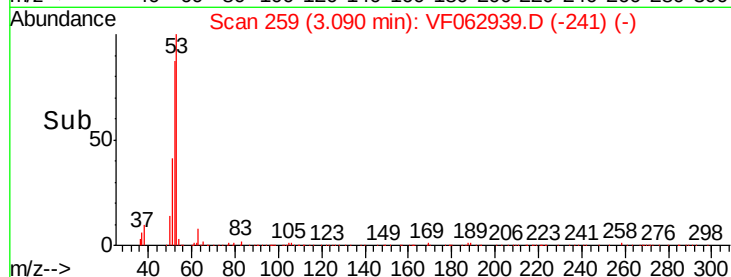
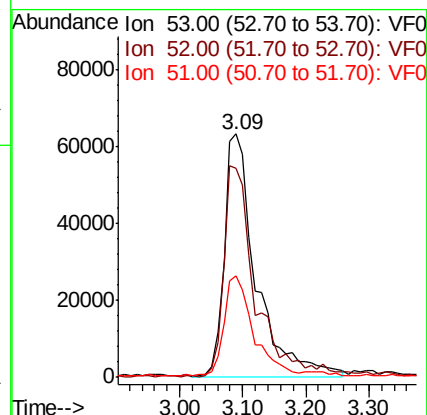
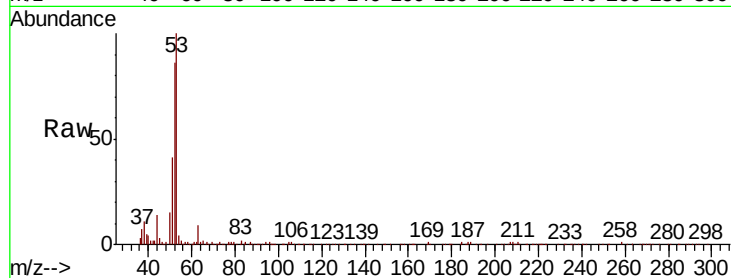




#15
 Acrylonitrile
 Concen: 232.000 ug/l
 RT: 3.09 min Scan# 259
 Delta R.T. -0.02 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

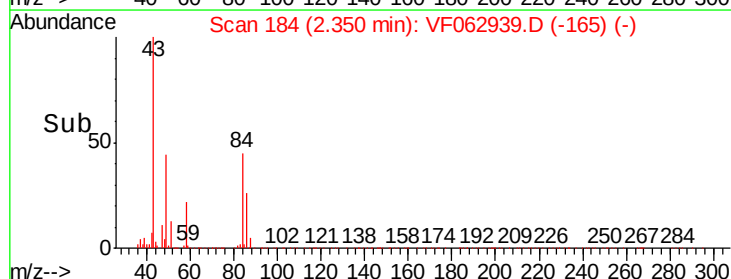
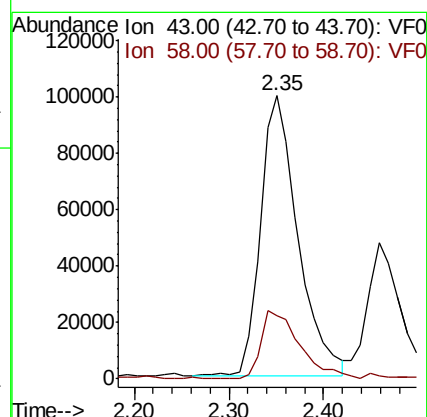
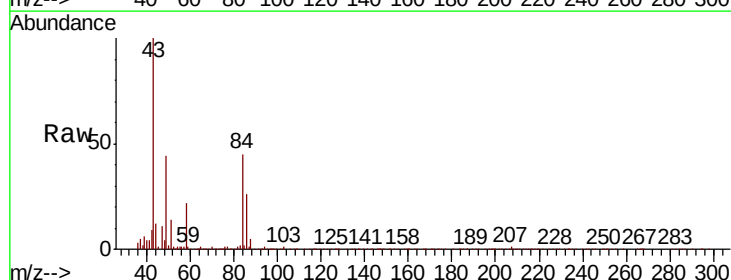
Instrument :
 MSVOA_F
 ClientSampleId :

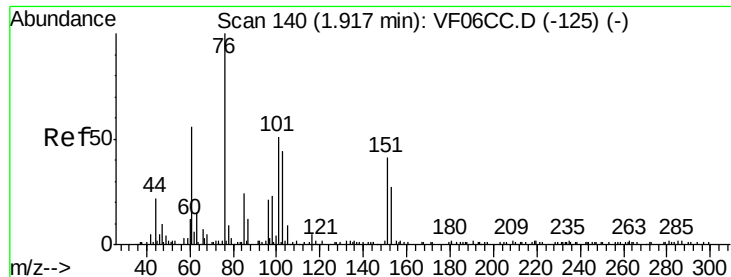
Tot Ion	53	Resp	220875
Ion Ratio	100		
Lower	68.1		
Upper	102.1		
52	86.1		
51	41.5		



#16
 Acetone
 Concen: 287.416 ug/l
 RT: 2.35 min Scan# 184
 Delta R.T. -0.01 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

Tgt Ion	43	Resp	275132
Ion Ratio	100		
Lower	19.0		
Upper	28.4		
58	22.2		





#17

Carbon Disulfide

Concen: 53.054 ug/l

RT: 1.92 min Scan# 140

Delta R.T. -0.01 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

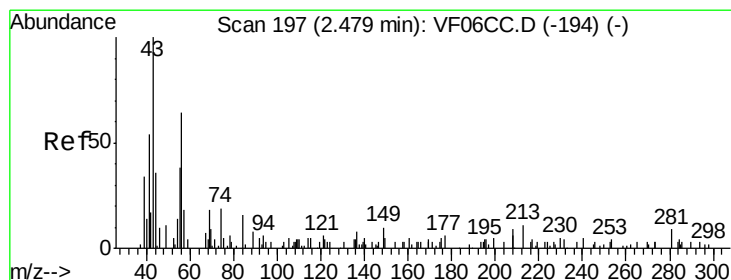
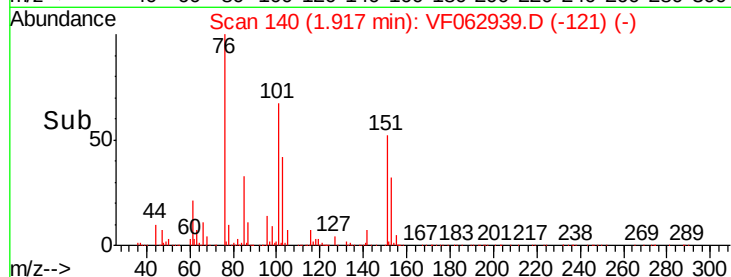
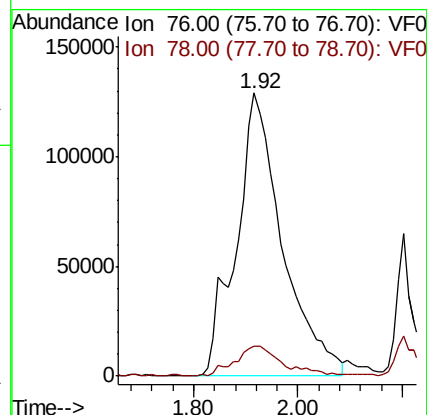
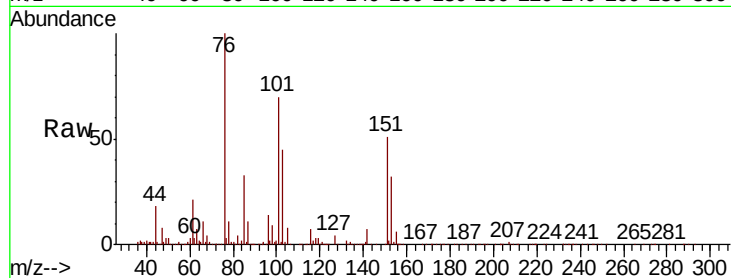
ClientSampled :

Tot Ion: 76 Resp: 779363

Ion Ratio Lower Upper

76 100

78 10.5 9.4 14.2



#18

Methyl Acetate

Concen: 65.186 ug/l

RT: 2.46 min Scan# 195

Delta R.T. -0.02 min

Lab File: VF062939.D

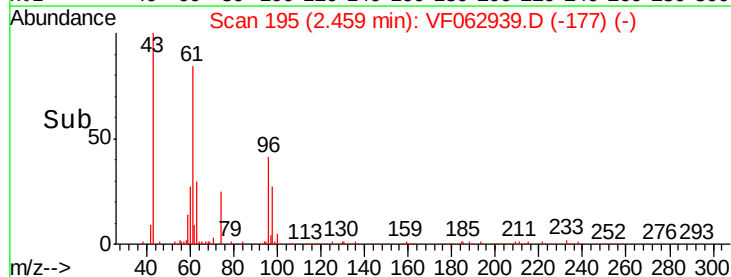
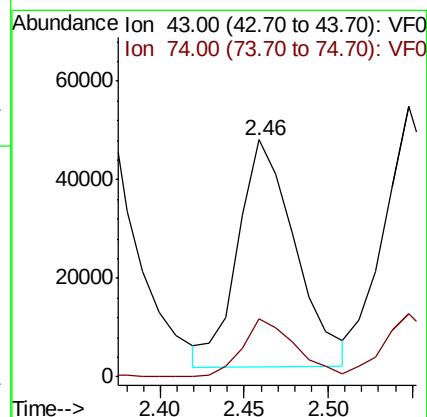
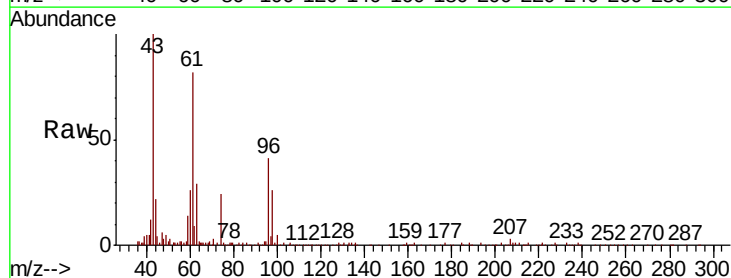
Acq: 12 Jun 2019 20:36

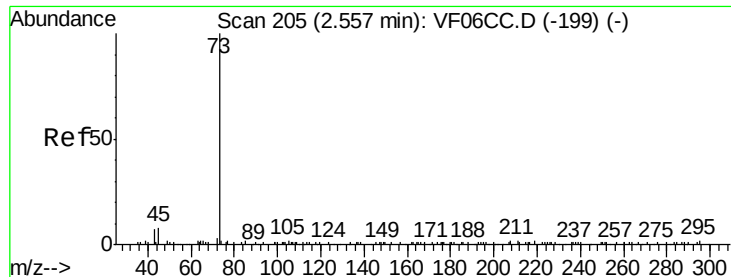
Tgt Ion: 43 Resp: 109043

Ion Ratio Lower Upper

43 100

74 24.5 22.1 33.1

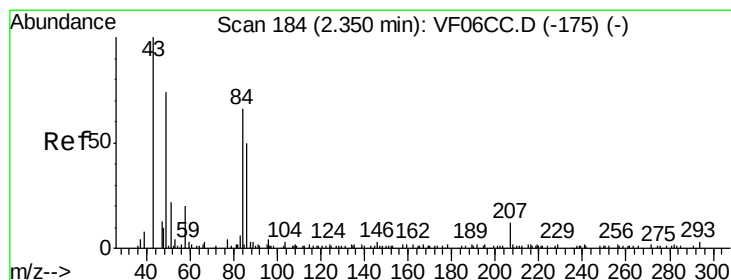
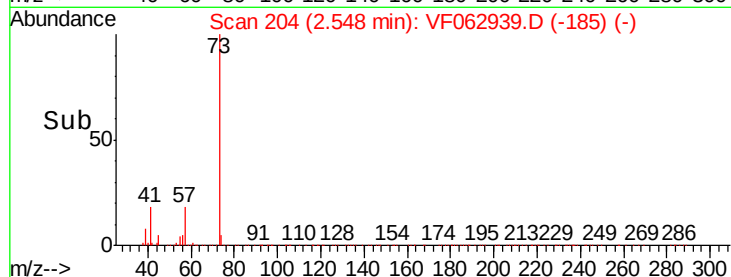
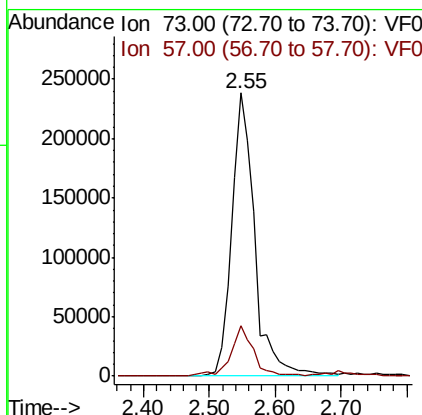
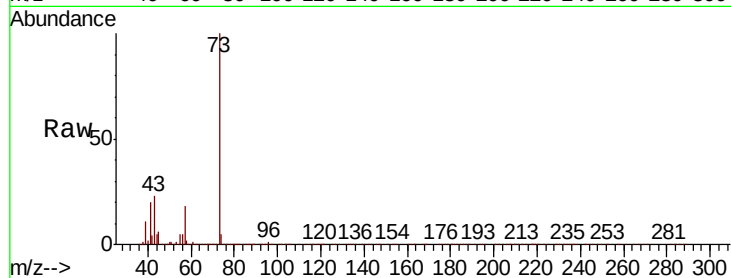




#19
Methyl tert-butyl Ether
Concen: 64.088 ug/l
RT: 2.55 min Scan# 204
Delta R.T. -0.01 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

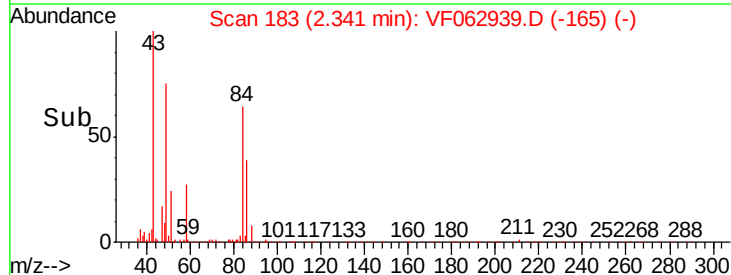
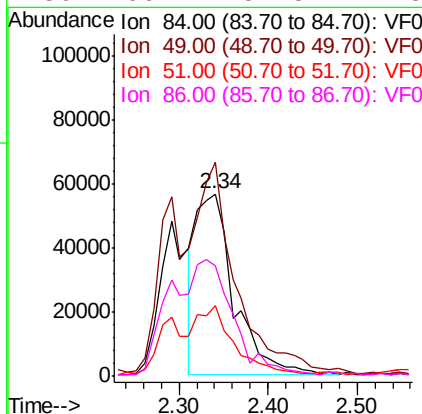
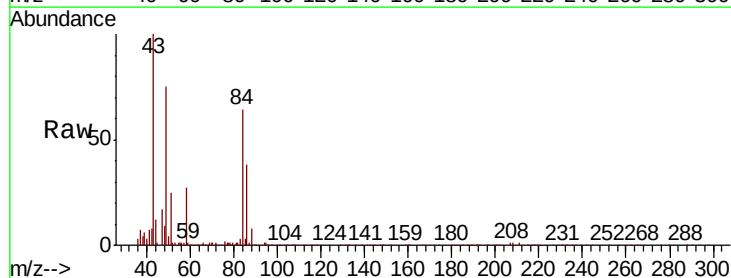
Instrument :
MSVOA_F
ClientSampleId :

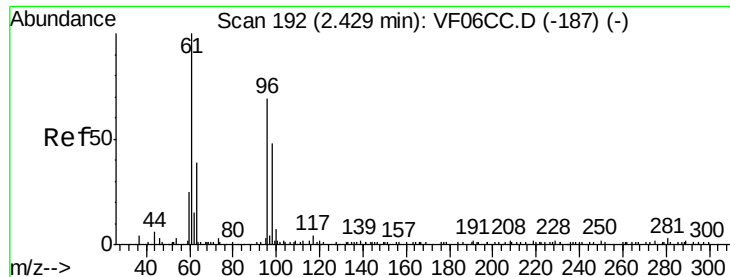
Tot Ion: 73 Resp: 583588
Ion Ratio Lower Upper
73 100
57 18.0 15.1 22.7



#20
Methylene Chloride
Concen: 33.973 ug/l
RT: 2.34 min Scan# 183
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion: 84 Resp: 167440
Ion Ratio Lower Upper
84 100
49 117.4 82.6 123.8
51 39.0 25.0 37.4#
86 60.4 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 56.437 ug/l

RT: 2.43 min Scan# 192

Delta R.T. -0.01 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :
MSVOA_F
ClientSampleId :

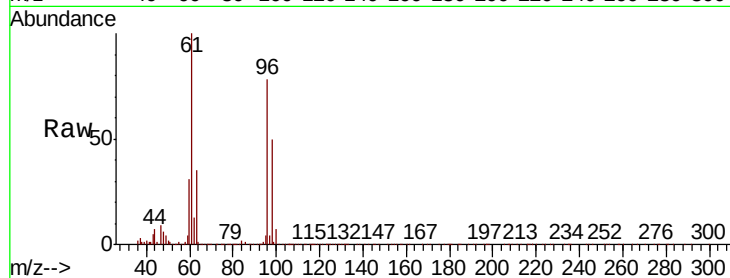
Tot Ion: 96 Resp: 284415

Ion Ratio Lower Upper

96 100

61 128.7 105.0 157.6

98 64.8 51.1 76.7



Abundance

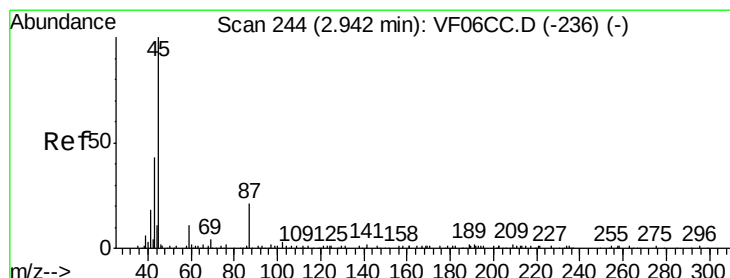
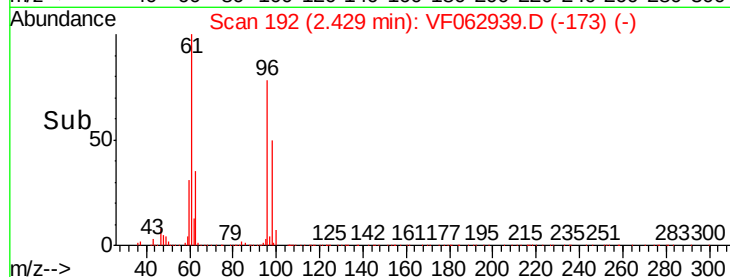
Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

2.43

Time-->



#22

Diisopropyl ether

Concen: 54.364 ug/l

RT: 2.94 min Scan# 244

Delta R.T. -0.01 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Tgt Ion: 45 Resp: 602256

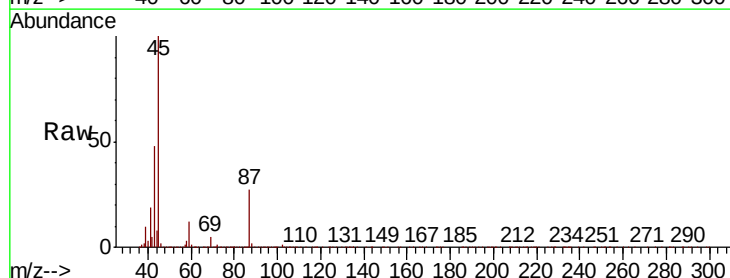
Ion Ratio Lower Upper

45 100

43 48.4 34.3 51.5

87 26.5 19.0 28.4

59 12.4 9.6 14.4



Abundance

Ion 45.00 (44.70 to 45.70): VF0

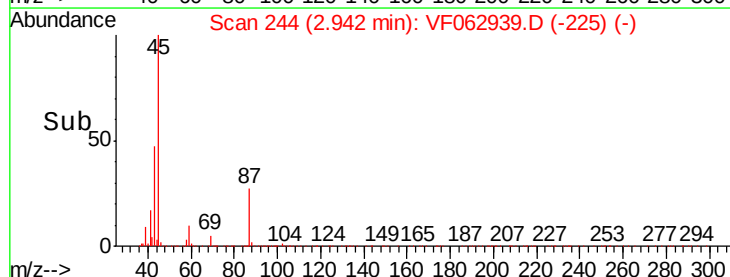
Ion 43.00 (42.70 to 43.70): VF0

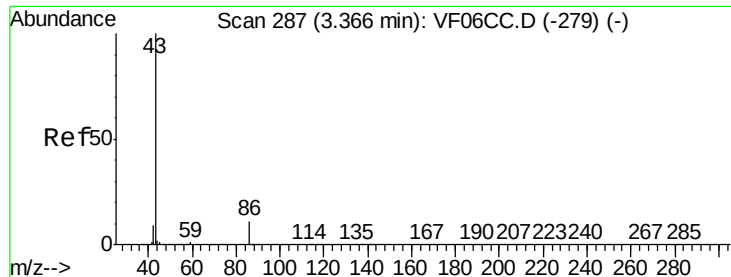
Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0

2.94

Time-->

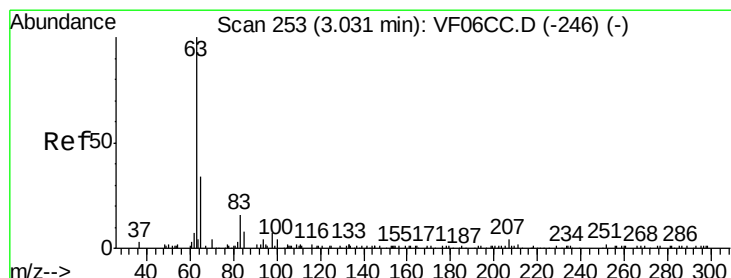
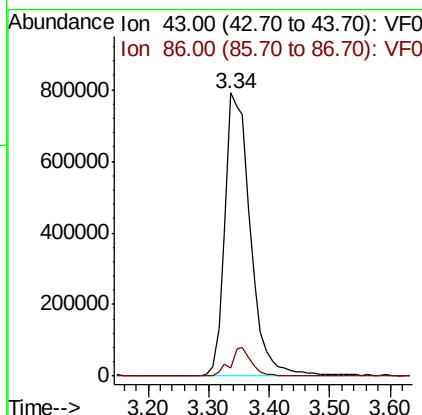
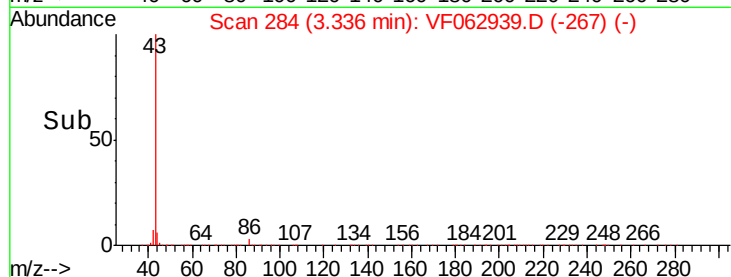
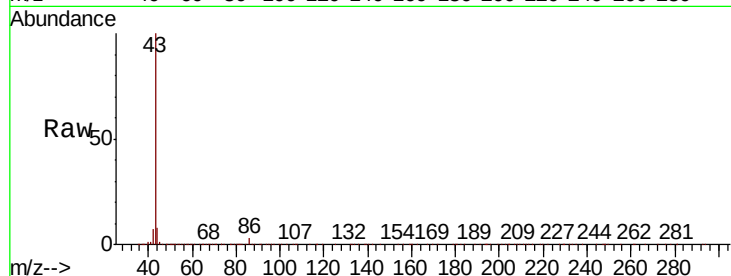




#23
 Vinyl Acetate
 Concen: 303.645 ug/l
 RT: 3.34 min Scan# 284
 Delta R.T. -0.03 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

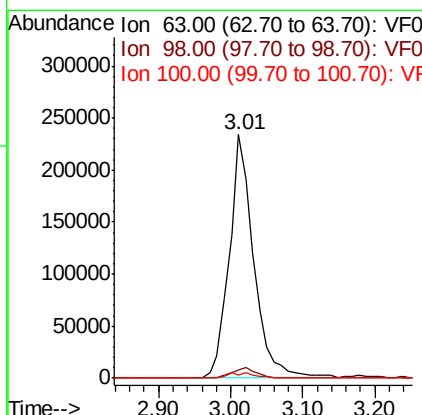
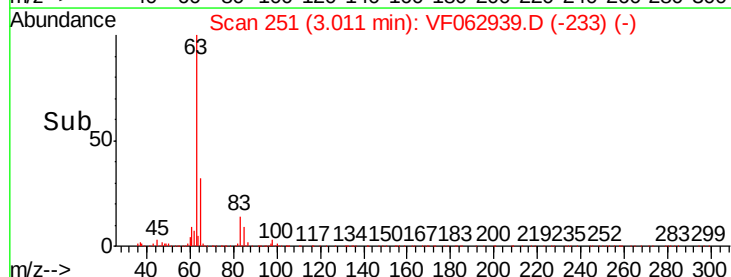
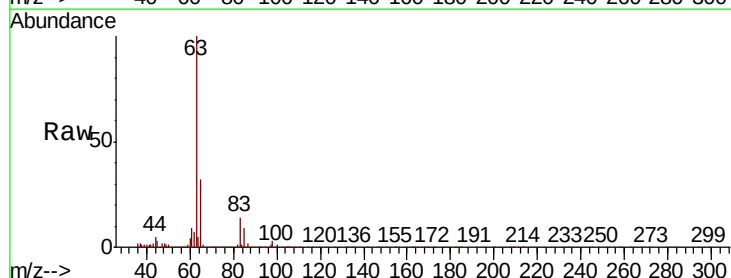
Instrument :
 MSVOA_F
 ClientSampleId :

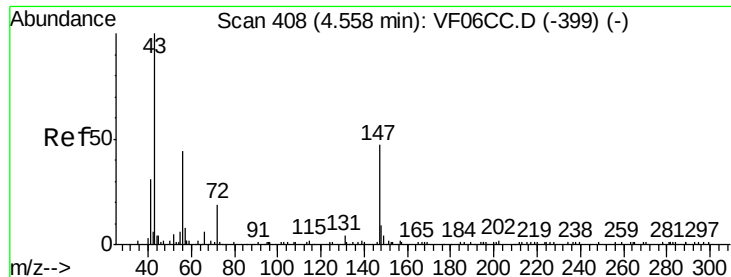
Tot Ion: 43 Resp: 2302895
 Ion Ratio Lower Upper
 43 100
 86 3.1 8.2 12.2#



#24
 1,1-Dichloroethane
 Concen: 66.865 ug/l
 RT: 3.01 min Scan# 251
 Delta R.T. -0.02 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

Tgt Ion: 63 Resp: 553072
 Ion Ratio Lower Upper
 63 100
 98 3.2 2.4 7.1
 100 1.4 1.5 4.5#

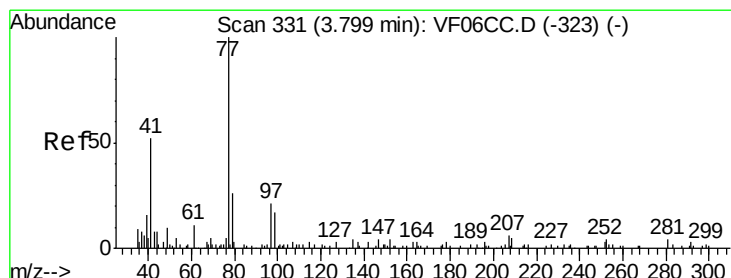
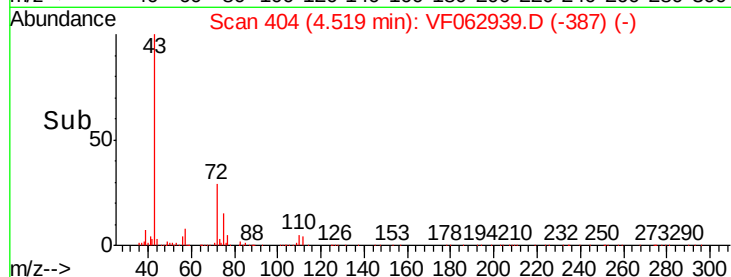
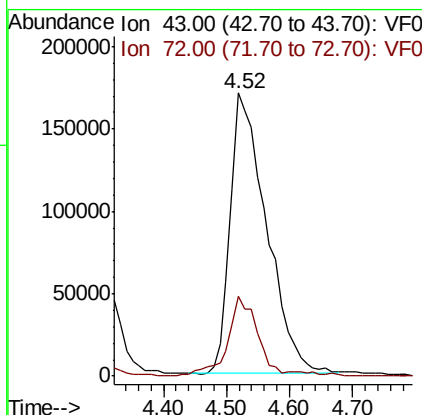
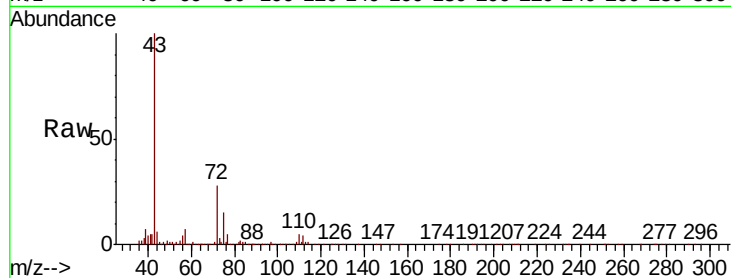




#25
2-Butanone
Concen: 304.762 ug/l
RT: 4.52 min Scan# 404
Delta R.T. -0.03 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

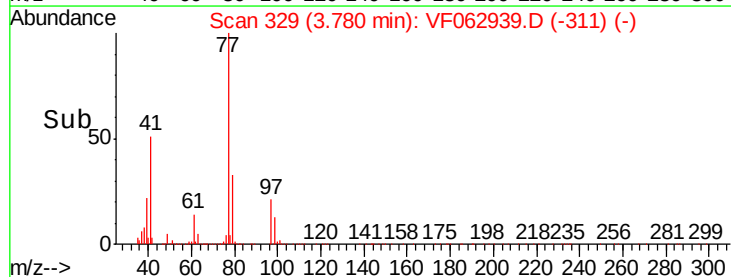
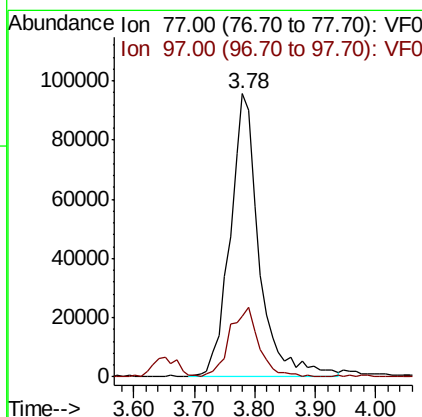
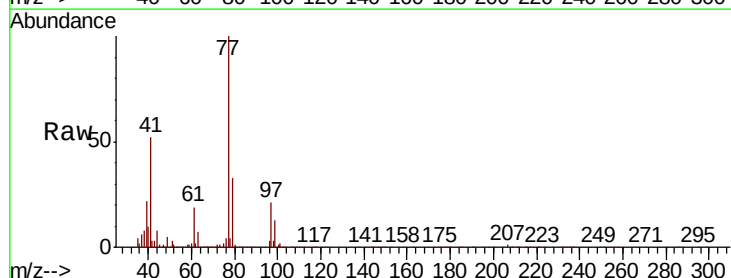
Instrument :
MSVOA_F
ClientSampleId :

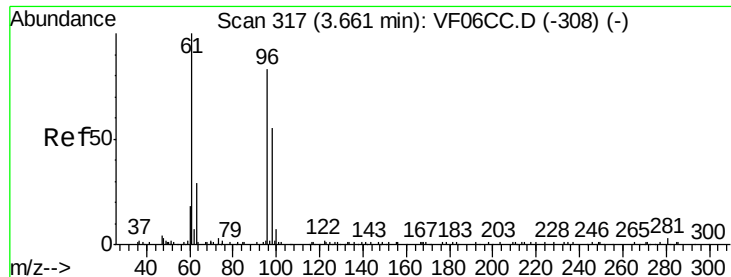
Tot Ion: 43 Resp: 679389
Ion Ratio Lower Upper
43 100
72 28.0 21.4 32.0



#26
2,2-Dichloropropane
Concen: 67.165 ug/l
RT: 3.78 min Scan# 329
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion: 77 Resp: 315443
Ion Ratio Lower Upper
77 100
97 21.3 12.4 37.4



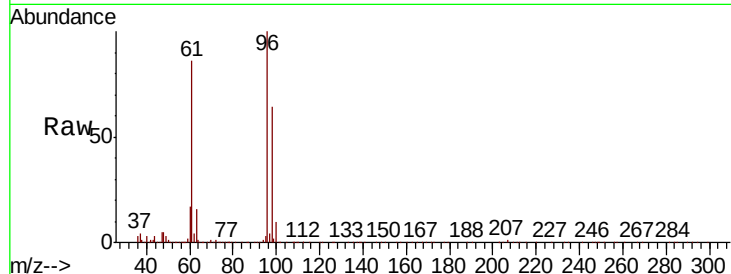


#27

cis-1,2-Dichloroethene
Concen: 55.813 ug/l
RT: 3.65 min Scan# 316
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Instrument :
MSVOA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	86.2	0.0	213.8
98	63.7	0.0	127.0

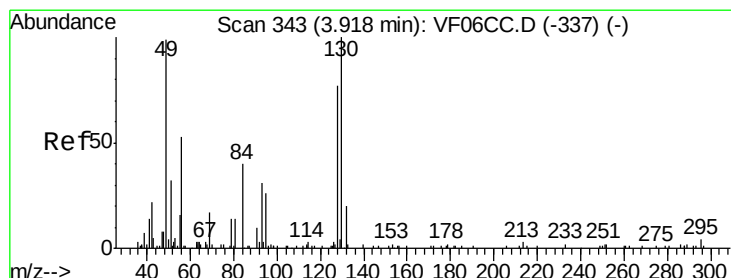
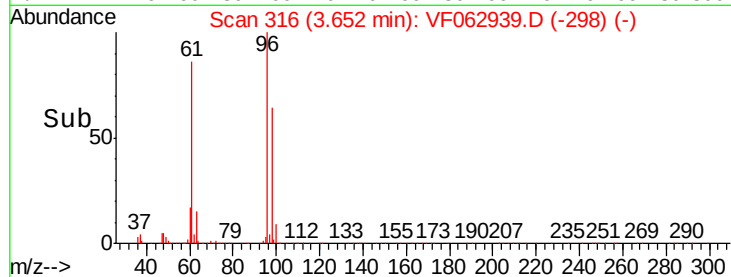
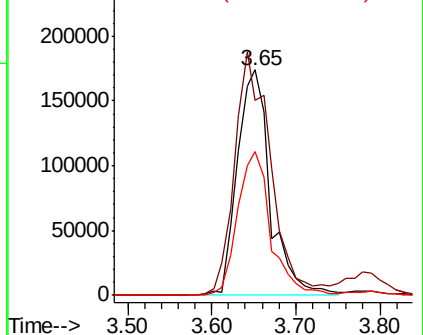


Abundance

Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

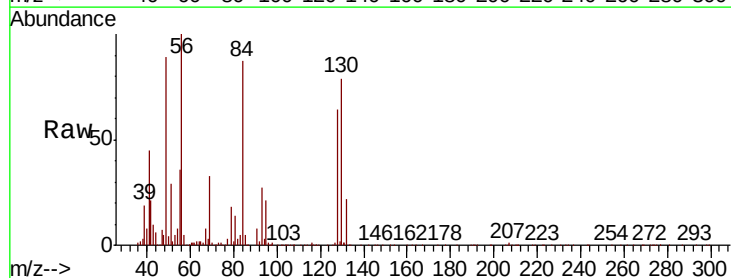
Ion 98.00 (97.70 to 98.70): VF0



#28

Bromochloromethane
Concen: 57.198 ug/l
RT: 3.90 min Scan# 341
Delta R.T. -0.03 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.4
130	89.8	79.2	118.8

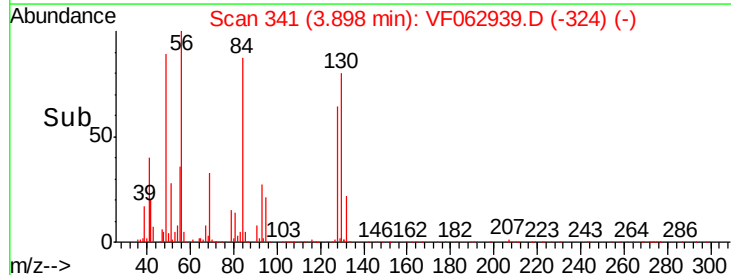
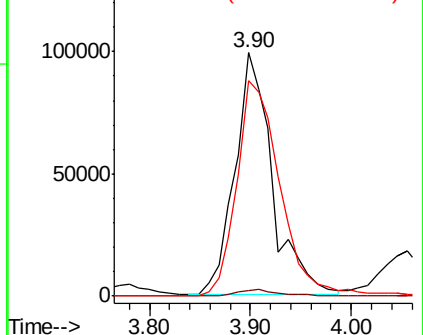


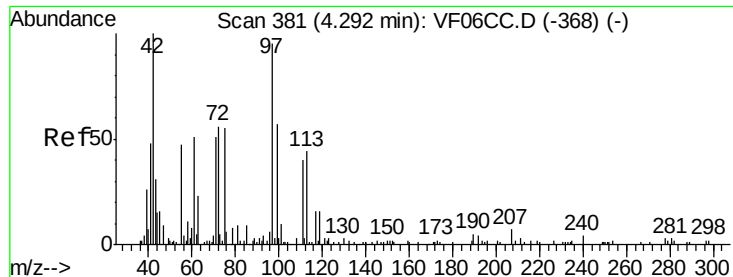
Abundance

Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): V

Ion 130.00 (129.70 to 130.70): V

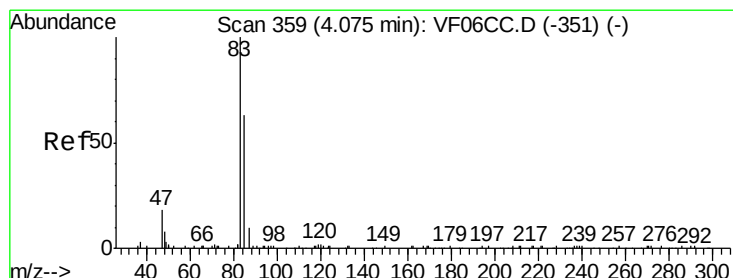
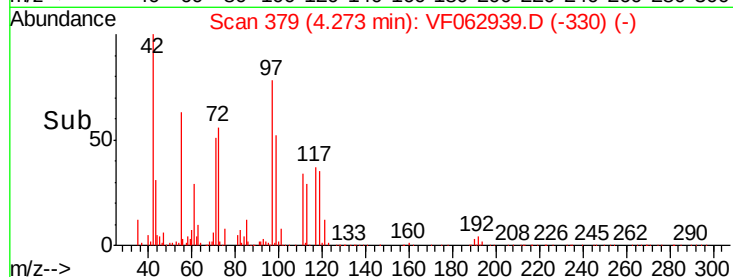
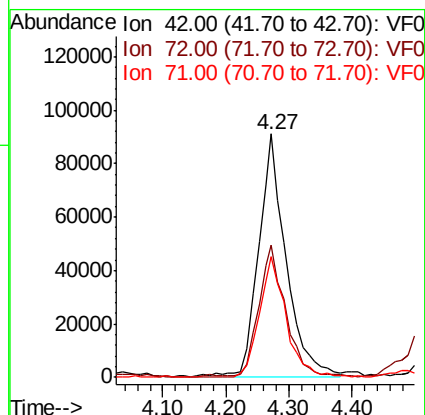
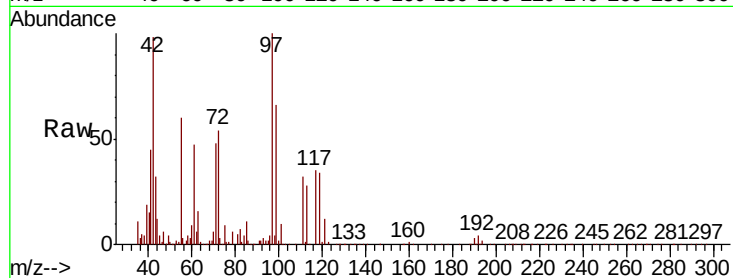




#29
Tetrahydrofuran
Concen: 321.038 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

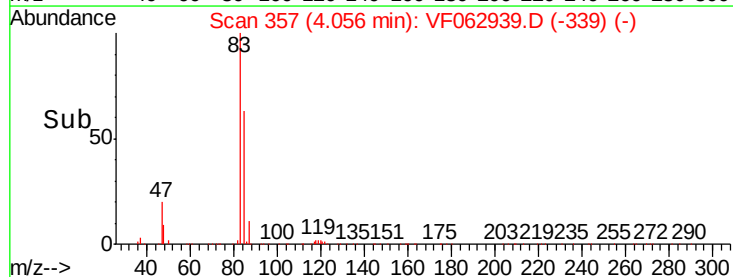
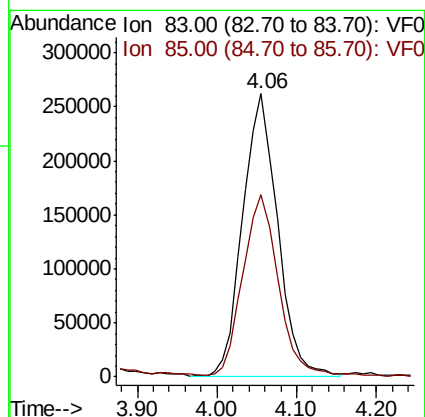
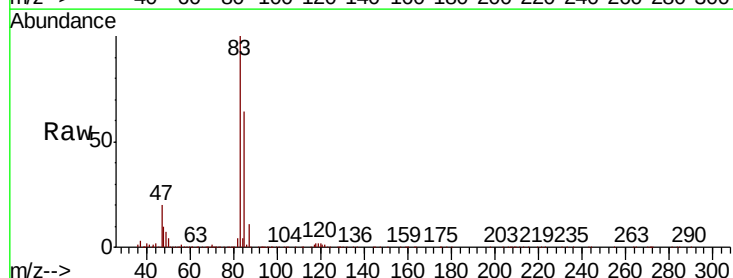
Instrument :
MSVOA_F
ClientSampleId :

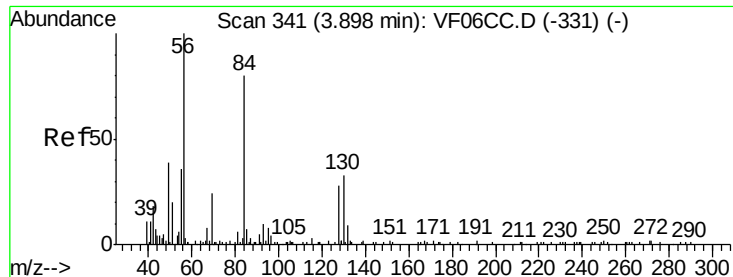
Tot Ion: 42 Resp: 273725
Ion Ratio Lower Upper
42 100
72 54.5 39.0 58.6
71 49.2 36.9 55.3



#30
Chloroform
Concen: 67.687 ug/l
RT: 4.06 min Scan# 357
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion: 83 Resp: 789054
Ion Ratio Lower Upper
83 100
85 64.2 55.0 82.6





#31

Cyclohexane

Concen: 56.457 ug/l

RT: 3.88 min Scan# 339

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

ClientSampleId :

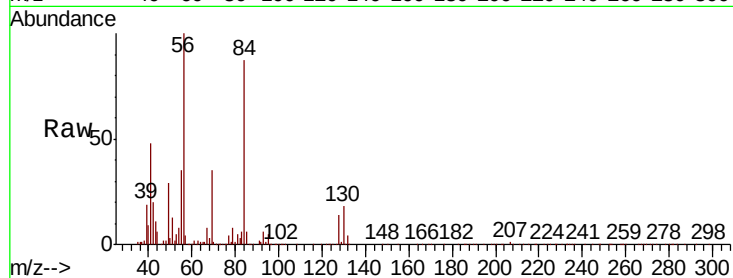
Tot Ion: 56 Resp: 632224

Ion Ratio Lower Upper

56 100

69 35.0 26.7 40.1

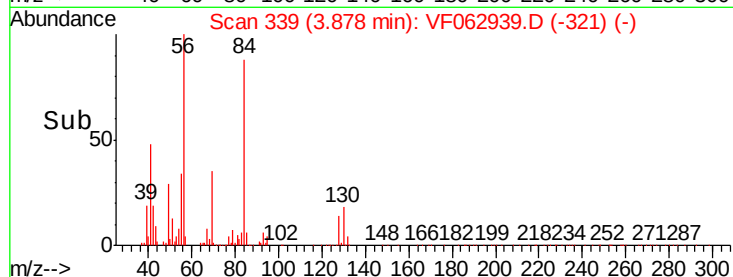
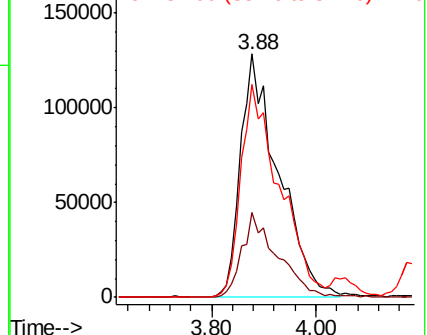
84 87.2 74.3 111.5



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: 74.259 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

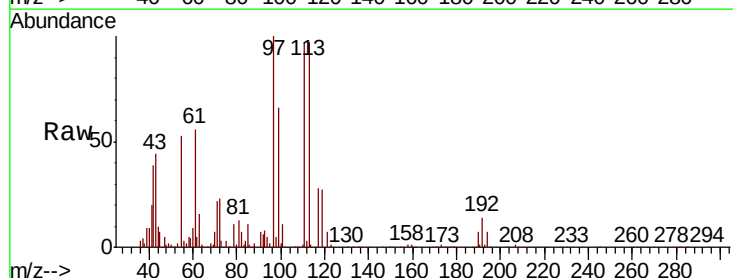
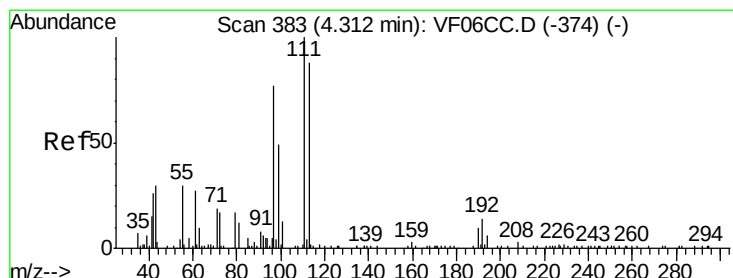
Tgt Ion: 97 Resp: 504020

Ion Ratio Lower Upper

97 100

99 65.5 51.7 77.5

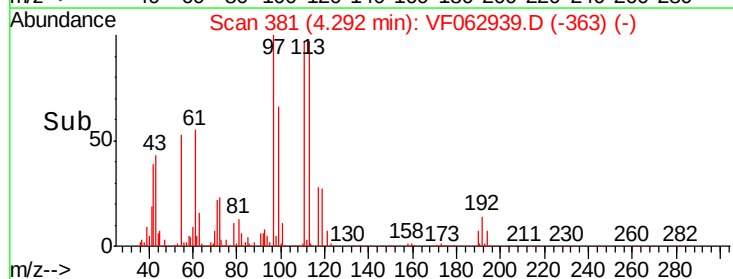
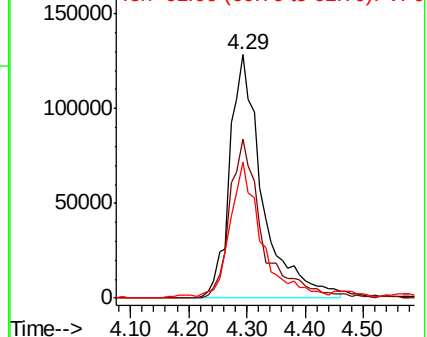
61 55.7 38.9 58.3

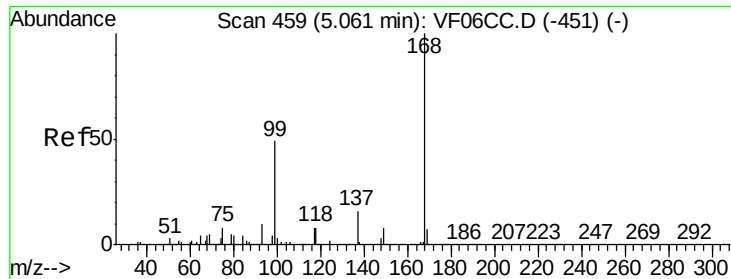


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

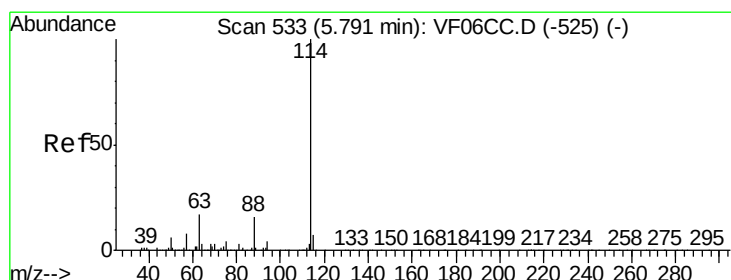
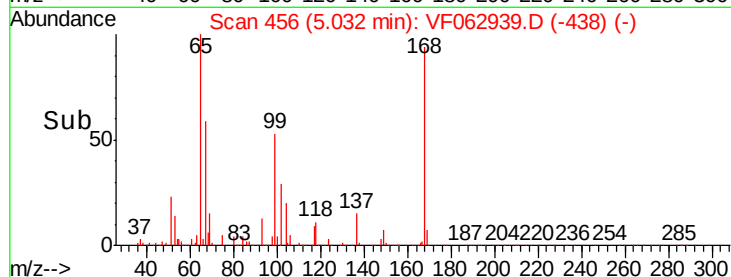
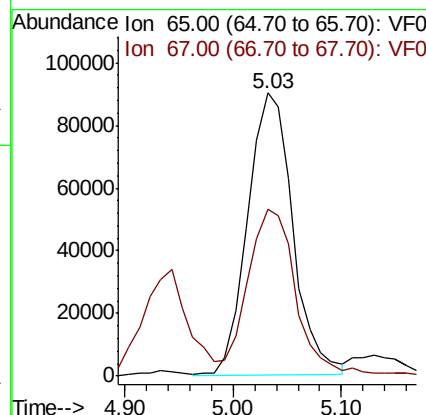
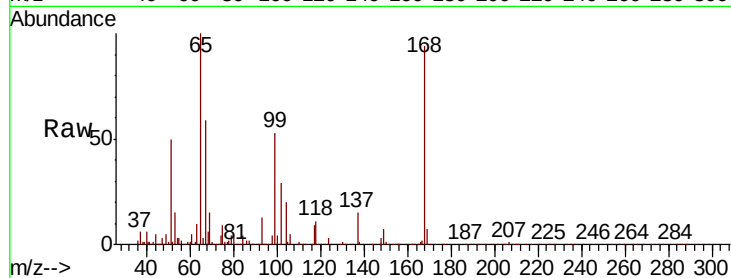




#33
 1,2-Dichloroethane-d4
 Concen: 62.690 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

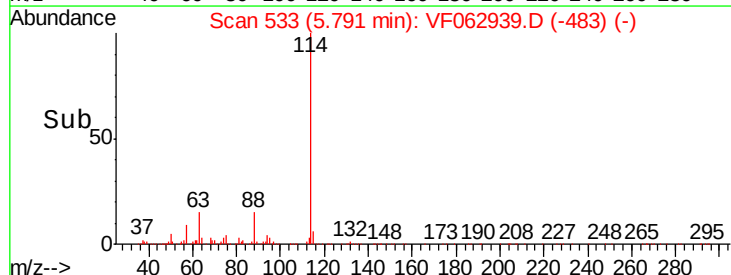
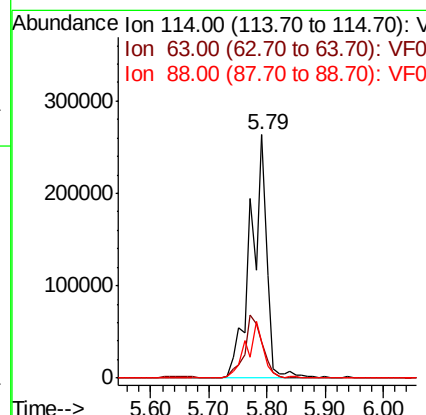
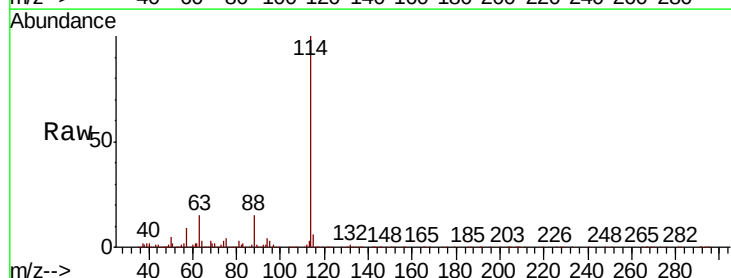
Instrument :
 MSVOA_F
 ClientSampleId :

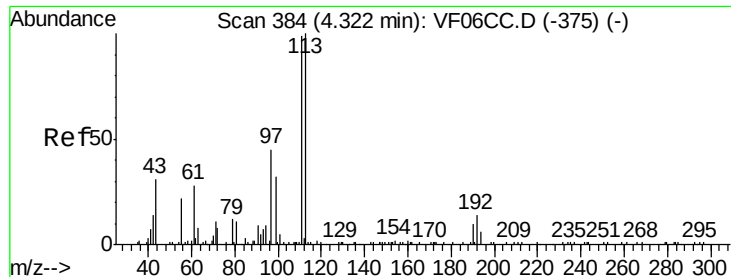
Tot Ion: 65 Resp: 262195
 Ion Ratio Lower Upper
 65 100
 67 58.8 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

Tgt Ion: 114 Resp: 505126
 Ion Ratio Lower Upper
 114 100
 63 14.7 0.0 34.2
 88 14.9 0.0 31.2

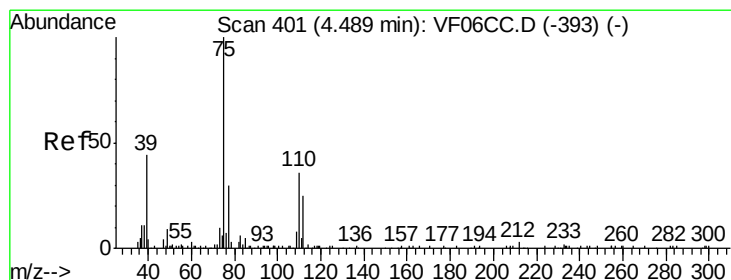
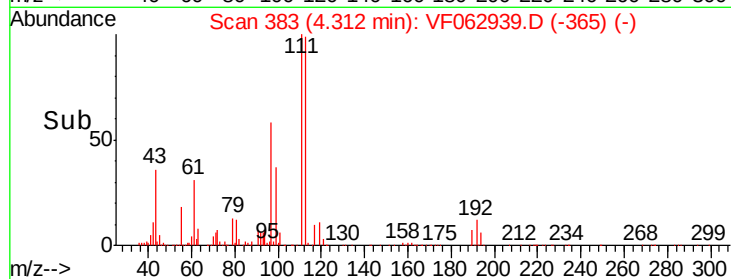
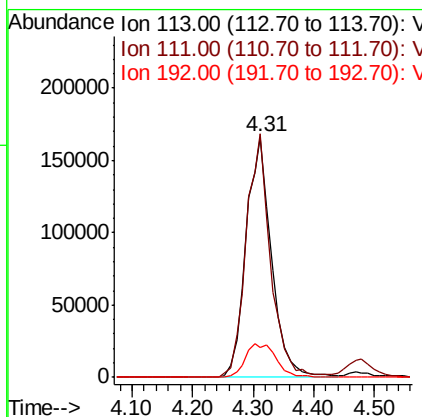
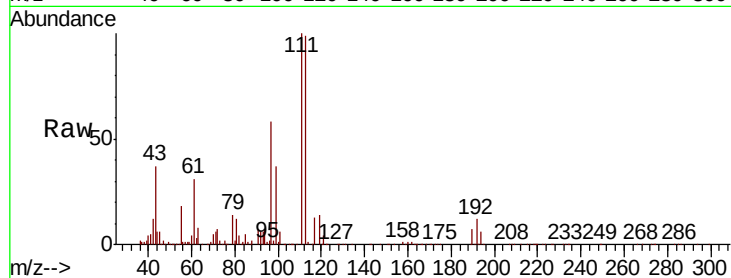




#35
Dibromofluoromethane
Concen: 126.774 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

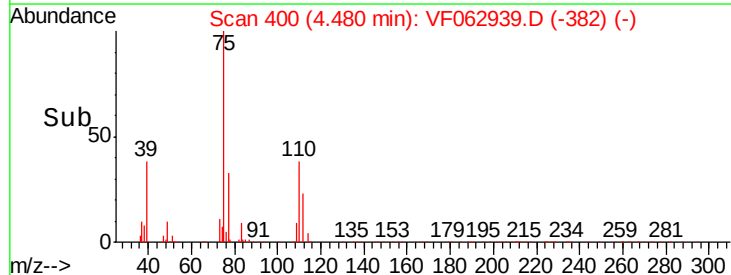
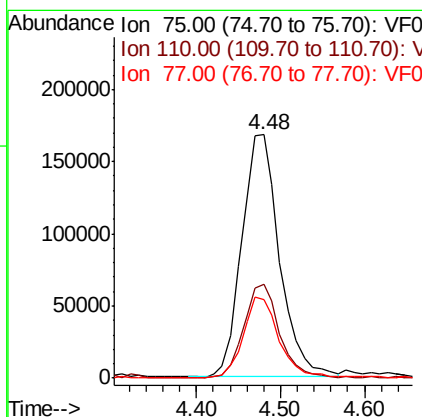
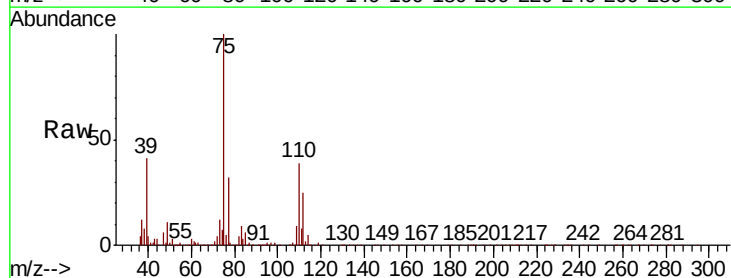
Instrument :
MSVOA_F
ClientSampleId :

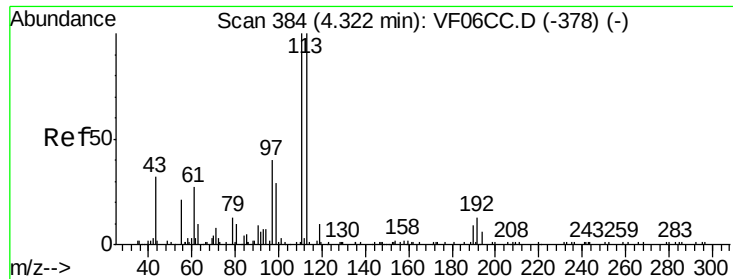
Tot Ion:113 Resp: 483896
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 12.6 15.1 22.7#



#36
1,1-Dichloropropene
Concen: 113.431 ug/l
RT: 4.48 min Scan# 400
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion: 75 Resp: 527472
Ion Ratio Lower Upper
75 100
110 38.7 19.4 58.1
77 32.3 25.4 38.2

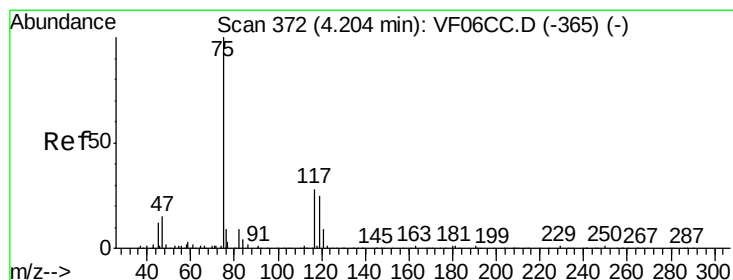
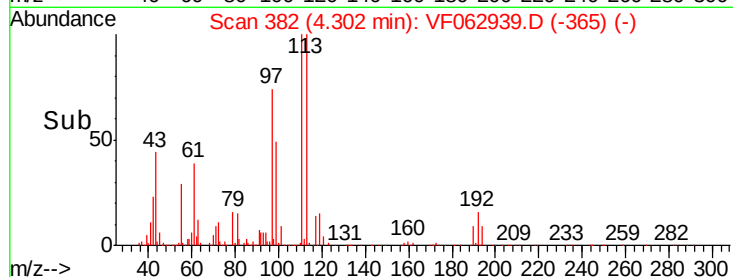
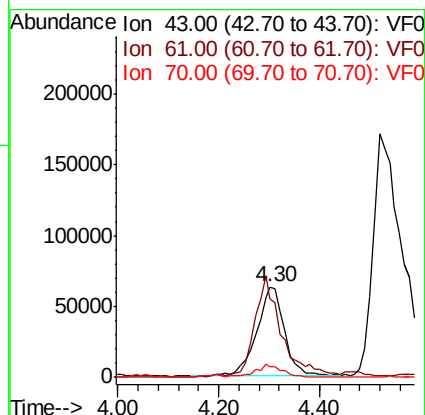
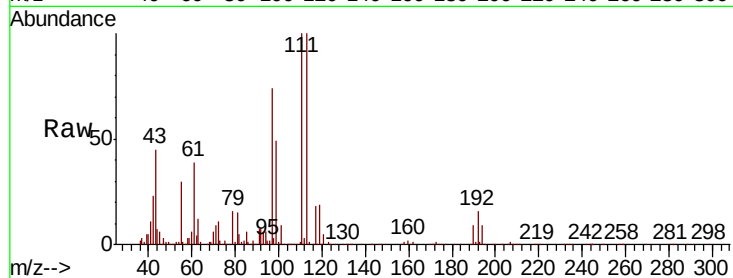




#37
Ethyl Acetate
Concen: 137.110 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.03 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

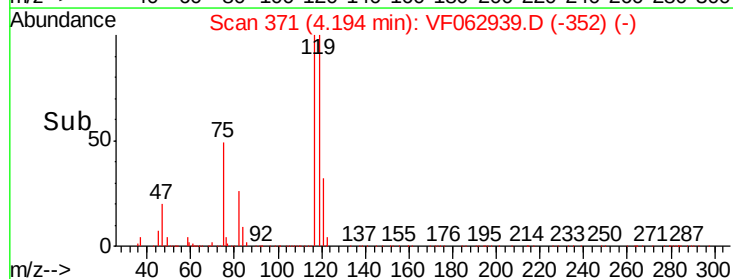
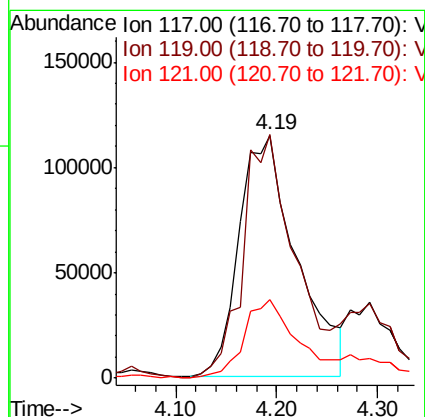
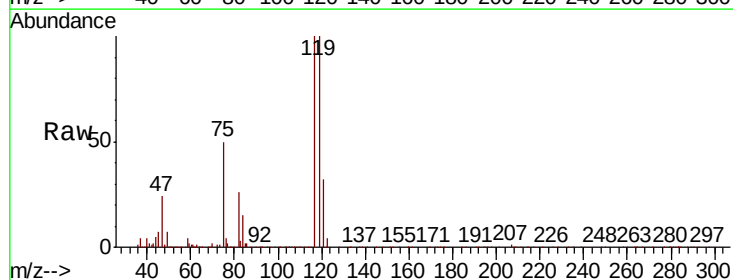
Instrument :
MSVOA_F
ClientSampleId :

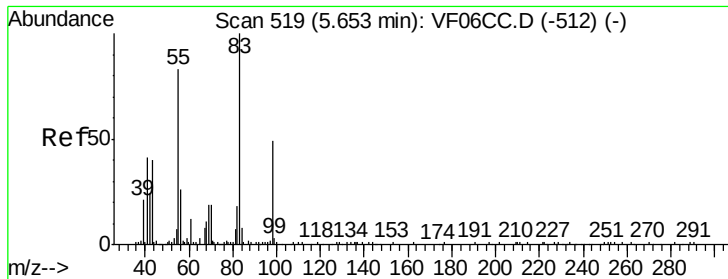
Tot Ion: 43 Resp: 243724
Ion Ratio Lower Upper
43 100
61 87.0 59.1 88.7
70 12.4 10.1 15.1



#38
Carbon Tetrachloride
Concen: 144.770 ug/l
RT: 4.19 min Scan# 371
Delta R.T. -0.01 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion: 117 Resp: 454977
Ion Ratio Lower Upper
117 100
119 100.2 78.2 117.2
121 32.3 28.2 42.2

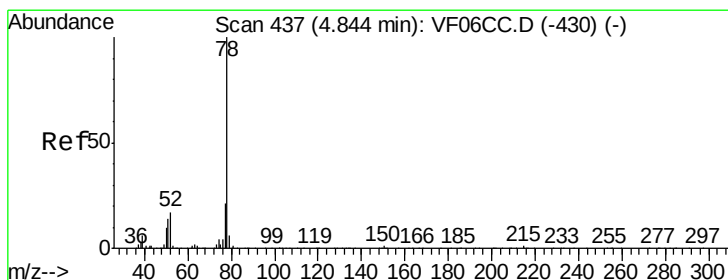
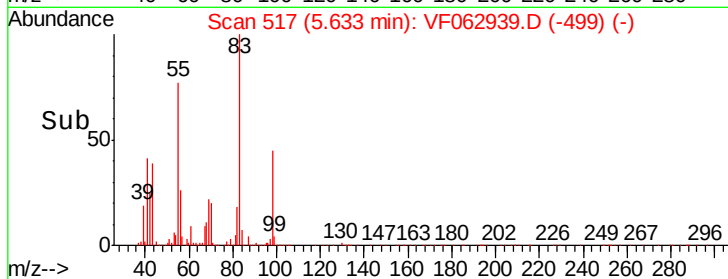
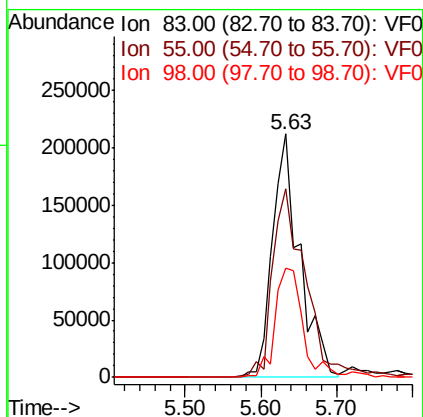
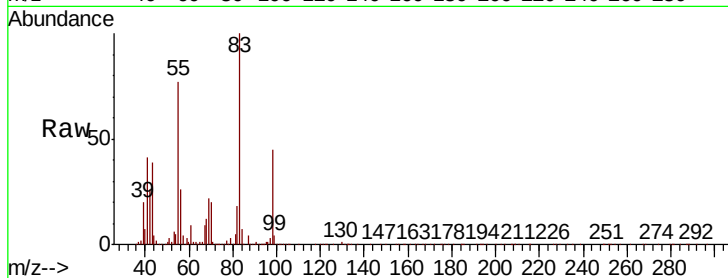




#39
Methylvlcyclohexane
Concen: 91.026 ug/l
RT: 5.63 min Scan# 517
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

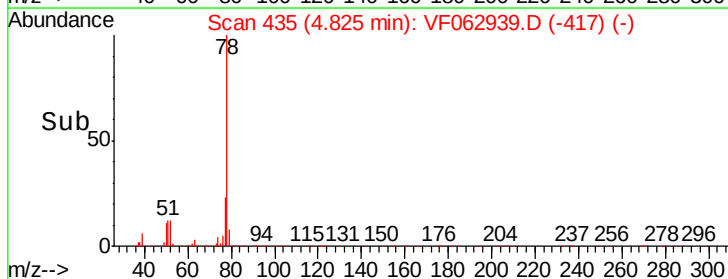
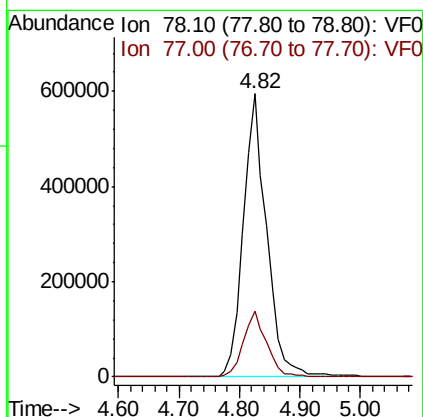
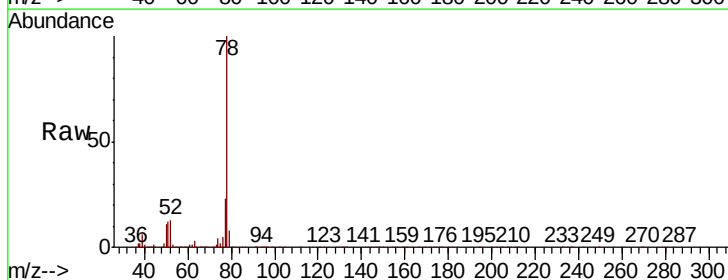
Instrument :
MSVOA_F
ClientSampleId :

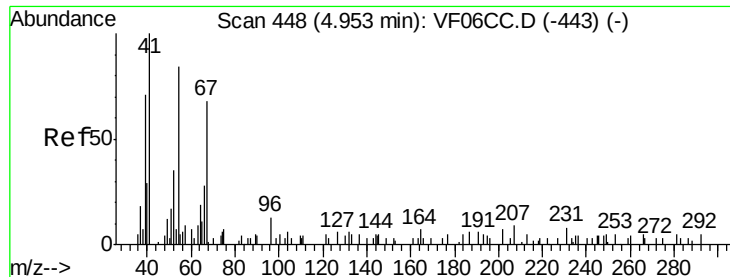
Tot Ion: 83 Resp: 526819
Ion Ratio Lower Upper
83 100
55 77.4 61.6 92.4
98 44.9 37.4 56.2



#40
Benzene
Concen: 117.587 ug/l
RT: 4.82 min Scan# 435
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion: 78 Resp: 1591379
Ion Ratio Lower Upper
78 100
77 23.1 18.9 28.3

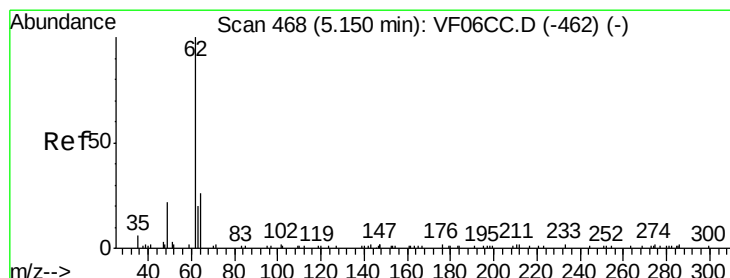
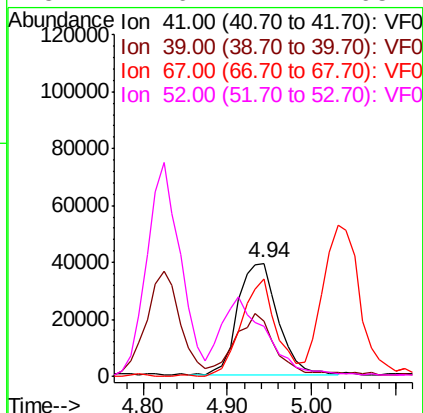
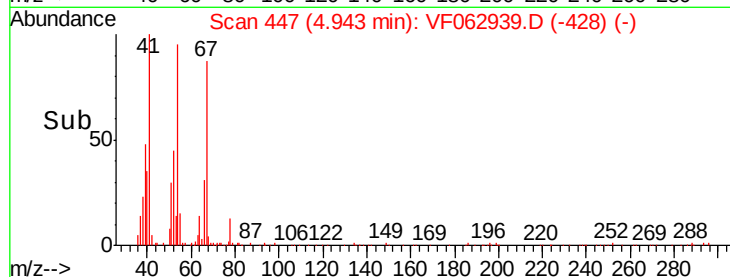
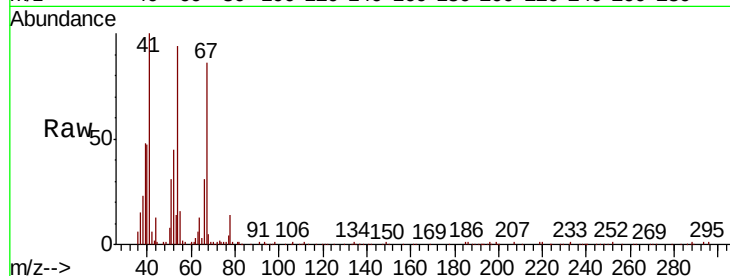




#41
Methacrylonitrile
Concen: 130.821 ug/l
RT: 4.94 min Scan# 447
Delta R.T. -0.01 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

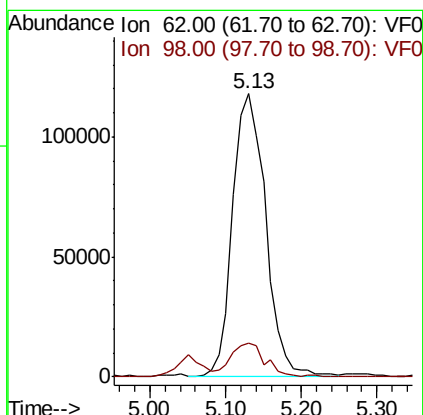
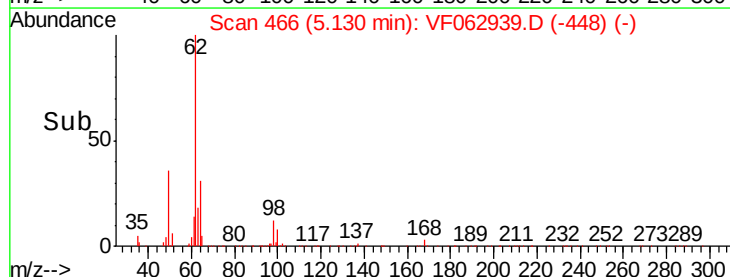
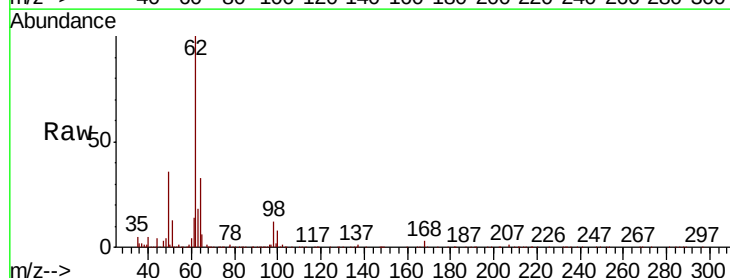
Instrument :
MSVOA_F
ClientSampleId :

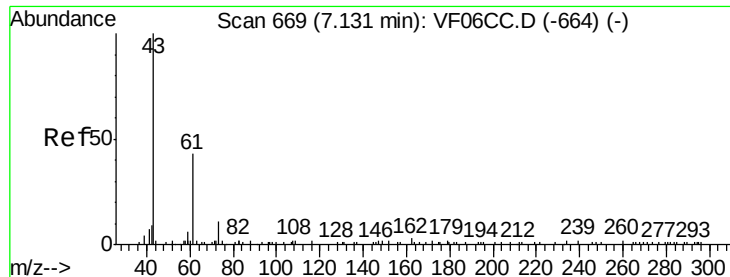
Tot Ion:	41	Resp:	129277
Ion	Ratio	Lower	Upper
41	100		
39	48.2	42.0	63.0
67	85.8	61.4	92.0
52	44.6	42.1	63.1



#42
1,2-Dichloroethane
Concen: 139.458 ug/l
RT: 5.13 min Scan# 466
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion:	62	Resp:	358964
Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	24.0





#43

Isopropyl Acetate

Concen: 121.063 ug/l

RT: 7.11 min Scan# 667

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

ClientSampleId :

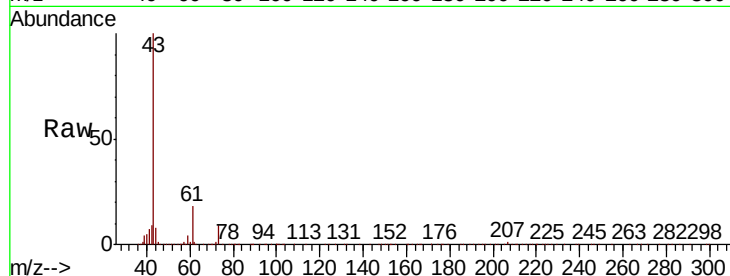
Tot Ion: 43 Resp: 284282

Ion Ratio Lower Upper

43 100

61 18.0 29.8 44.6#

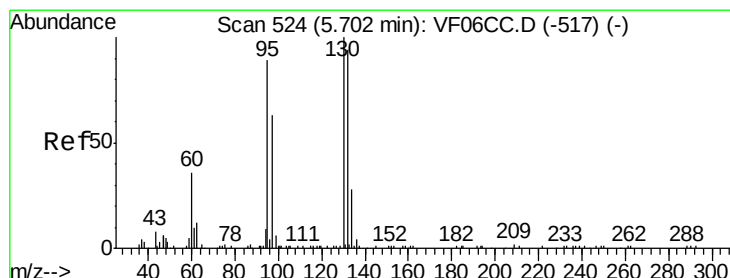
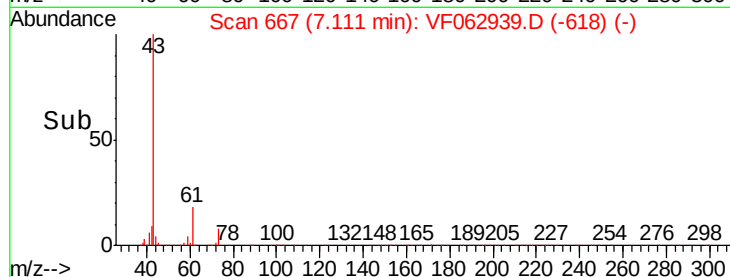
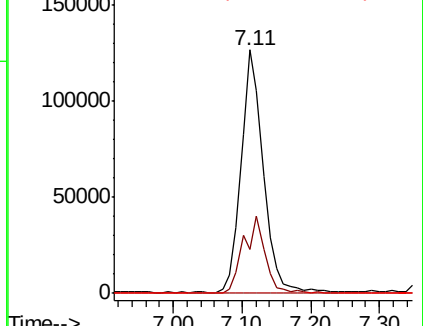
87 0.0 0.3 0.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#44

Trichloroethene

Concen: 69.148 ug/l

RT: 5.69 min Scan# 523

Delta R.T. -0.01 min

Lab File: VF062939.D

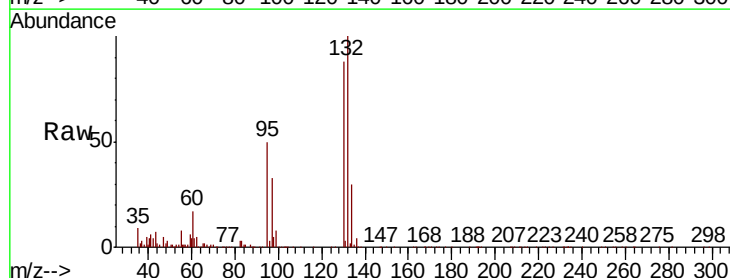
Acq: 12 Jun 2019 20:36

Tgt Ion: 130 Resp: 264109

Ion Ratio Lower Upper

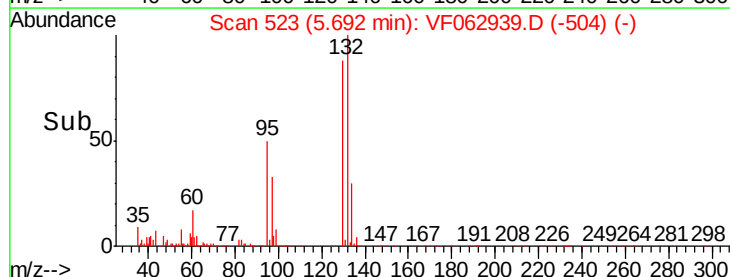
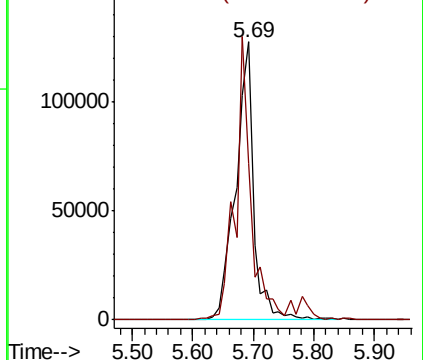
130 100

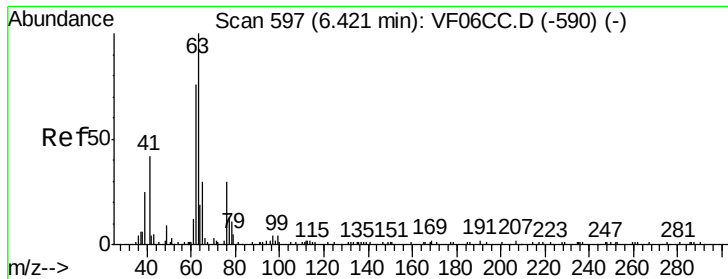
95 56.4 0.0 188.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 117.174 ug/l

RT: 6.41 min Scan# 596

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

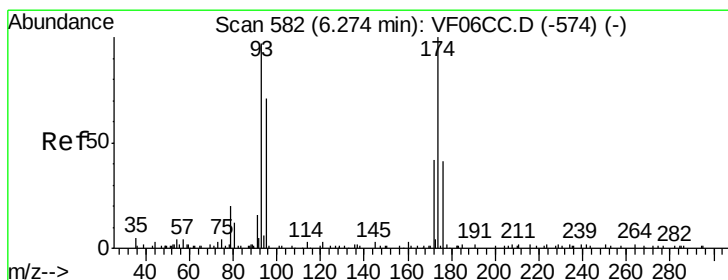
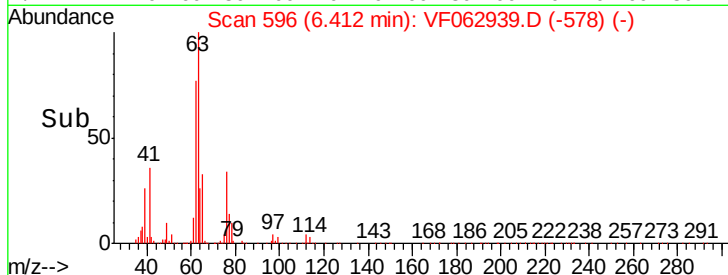
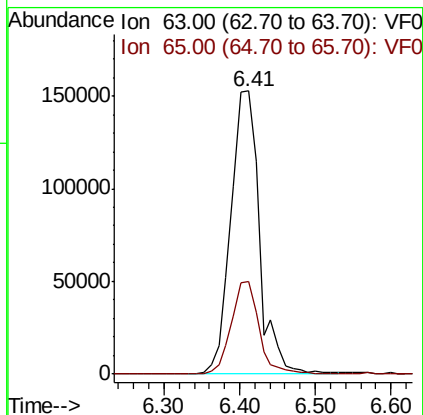
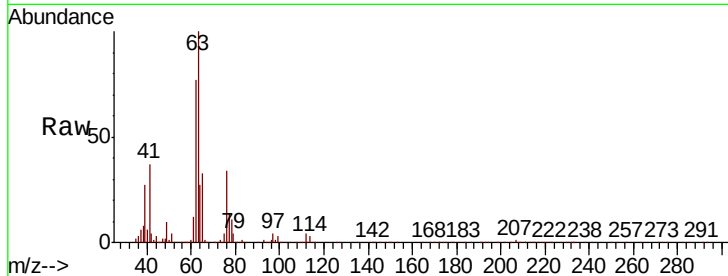
ClientSampleId :

Tot Ion: 63 Resp: 397948

Ion Ratio Lower Upper

63 100

65 32.8 24.2 36.2



#46

Dibromomethane

Concen: 69.613 ug/l

RT: 6.25 min Scan# 580

Delta R.T. -0.03 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

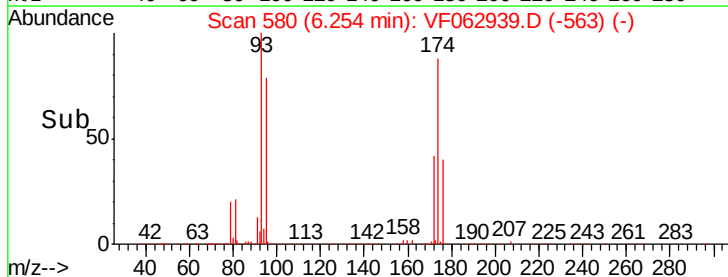
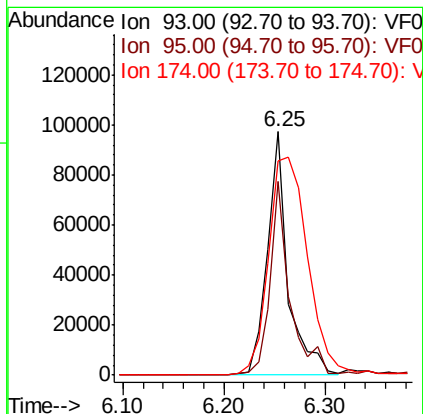
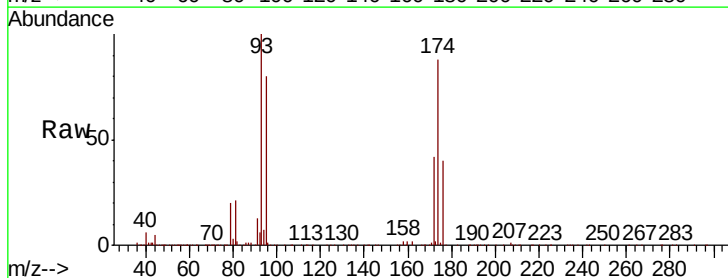
Tgt Ion: 93 Resp: 138033

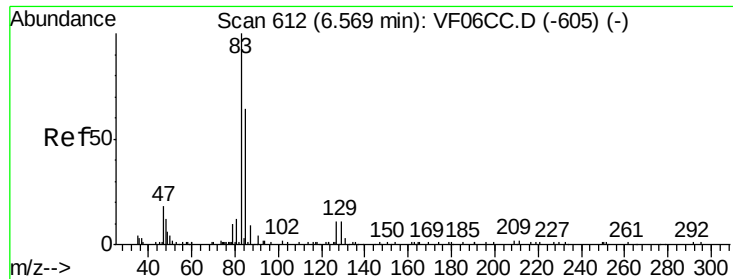
Ion Ratio Lower Upper

93 100

95 79.6 67.9 101.9

174 87.8 85.0 127.4





#47

Bromodichloromethane

Concen: 112.021 ug/l

RT: 6.55 min Scan# 610

Delta R.T. -0.03 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

ClientSampleId :

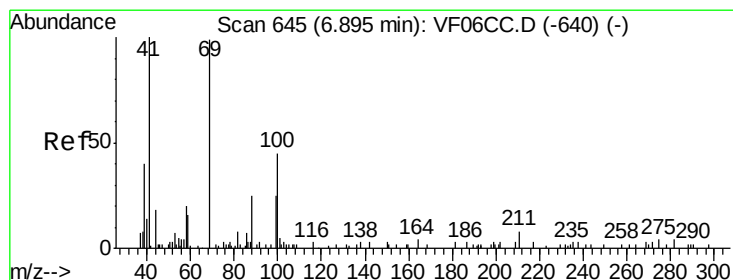
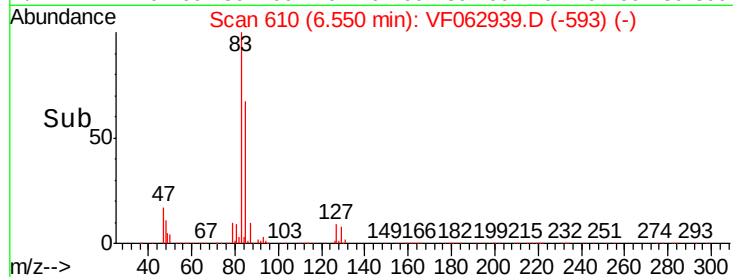
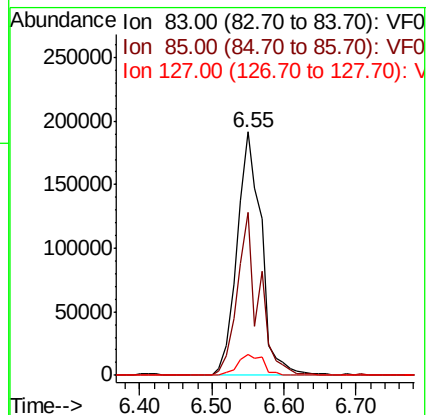
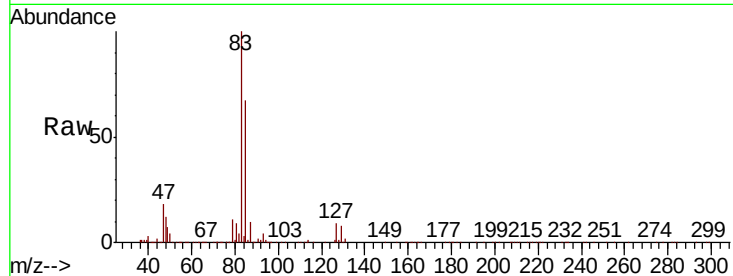
Tot Ion: 83 Resp: 452365

Ion Ratio Lower Upper

83 100

85 67.0 54.2 81.4

127 8.6 7.0 10.4



#48

Methyl methacrylate

Concen: 123.095 ug/l

RT: 6.88 min Scan# 644

Delta R.T. -0.01 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

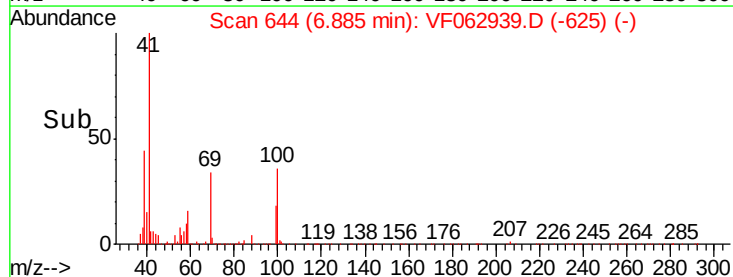
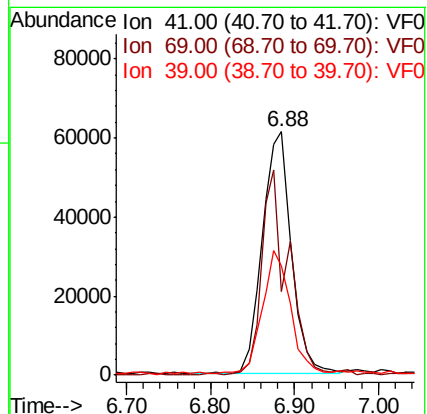
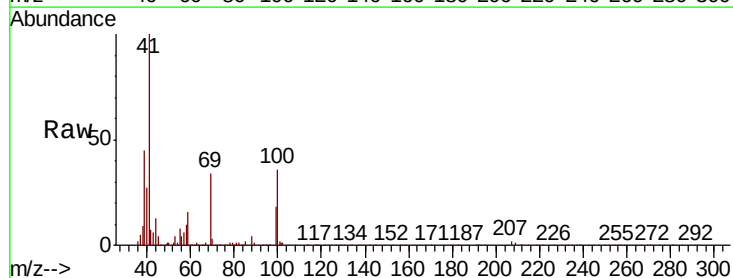
Tgt Ion: 41 Resp: 148968

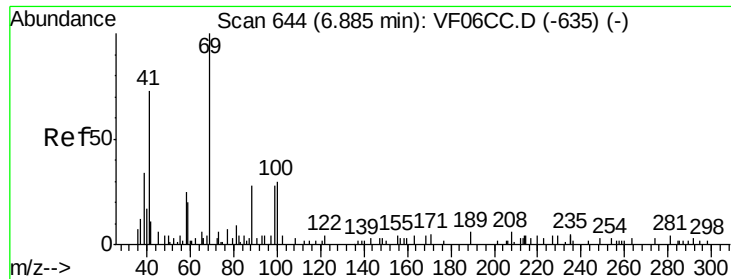
Ion Ratio Lower Upper

41 100

69 34.4 79.4 119.2#

39 44.9 39.8 59.6





#49

1,4-Dioxane

Concen: 755.661 ug/l

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :
MSVOA_F
ClientSampled :

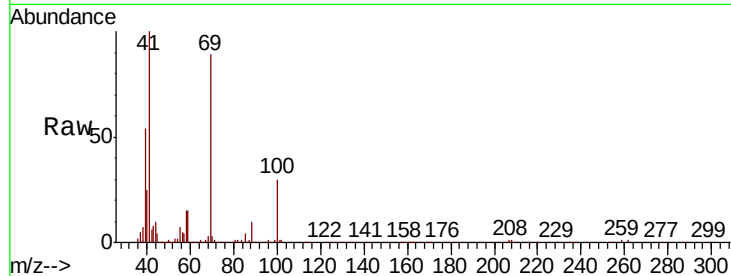
Tot Ion: 88 Resp: 12054

Ion Ratio Lower Upper

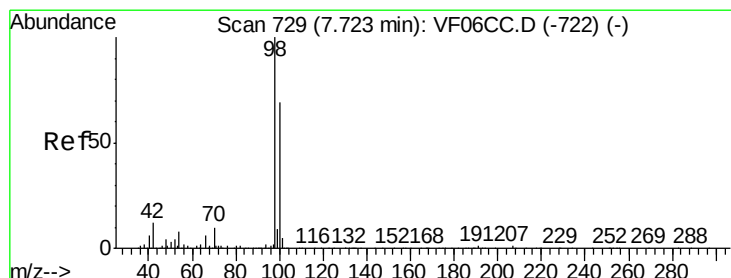
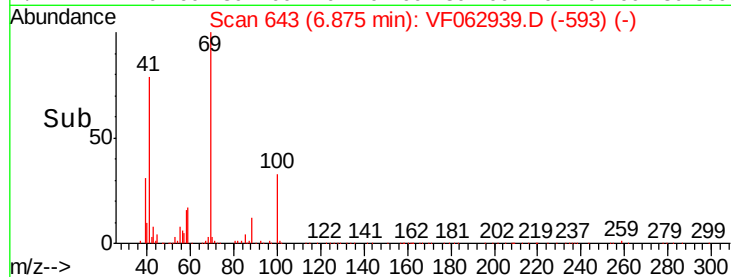
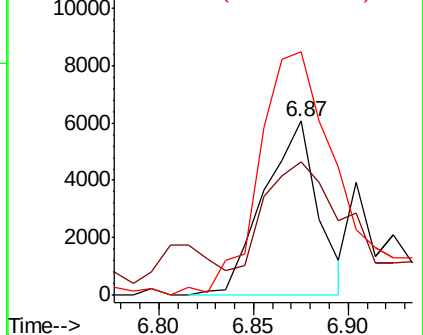
88 100

43 76.8 34.8 52.2#

58 140.0 59.9 89.9#



Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 29.585 ug/l

RT: 7.69 min Scan# 726

Delta R.T. -0.04 min

Lab File: VF062939.D

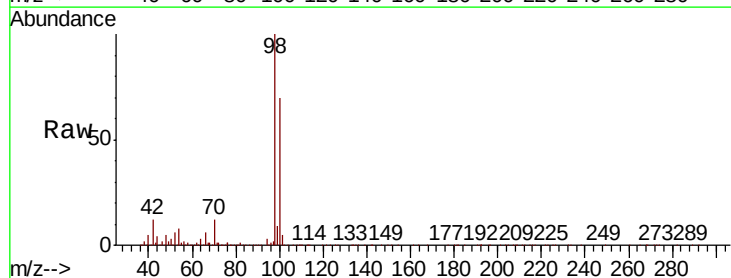
Acq: 12 Jun 2019 20:36

Tgt Ion: 98 Resp: 285563

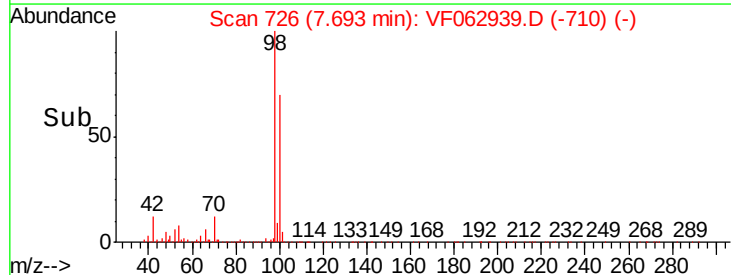
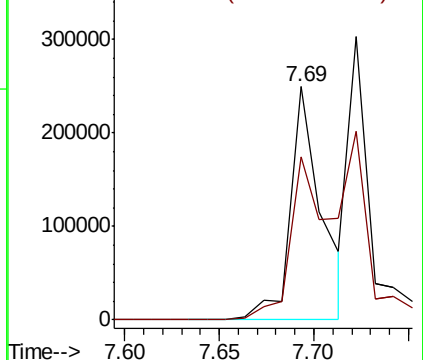
Ion Ratio Lower Upper

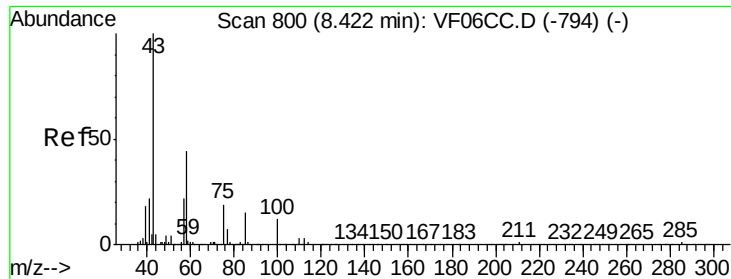
98 100

100 69.7 59.8 89.8



Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 649.103 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

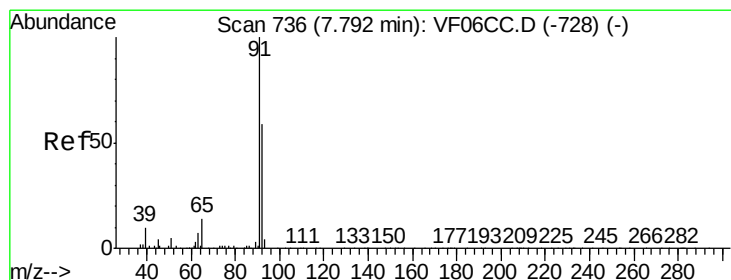
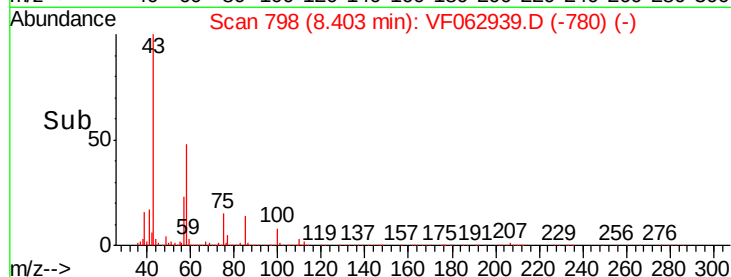
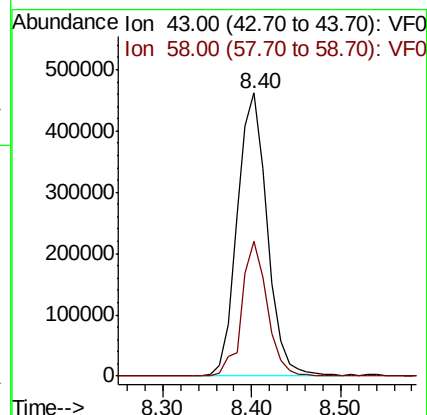
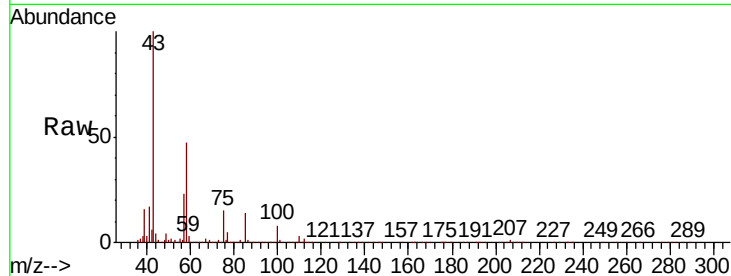
ClientSampleId :

Tot Ion: 43 Resp: 1088208

Ion Ratio Lower Upper

43 100

58 47.5 35.5 53.3



#52

Toluene

Concen: 56.340 ug/l

RT: 7.77 min Scan# 734

Delta R.T. -0.03 min

Lab File: VF062939.D

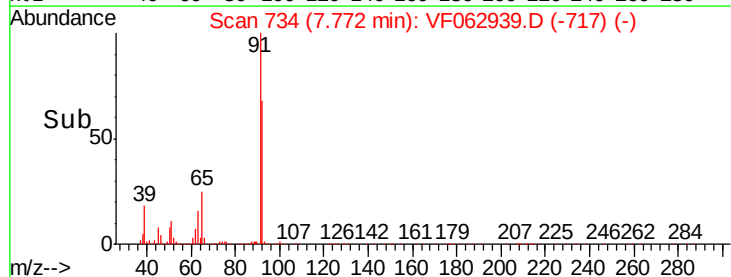
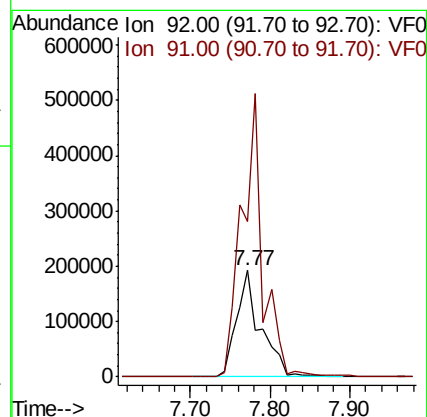
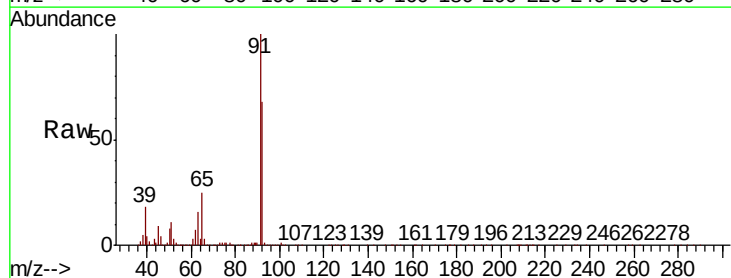
Acq: 12 Jun 2019 20:36

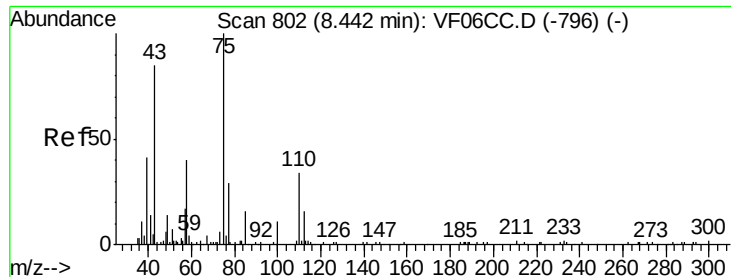
Tgt Ion: 92 Resp: 410686

Ion Ratio Lower Upper

92 100

91 146.4 123.2 184.8





#53

t-1,3-Dichloropropene

Concen: 115.737 ug/l

RT: 8.42 min Scan# 800

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

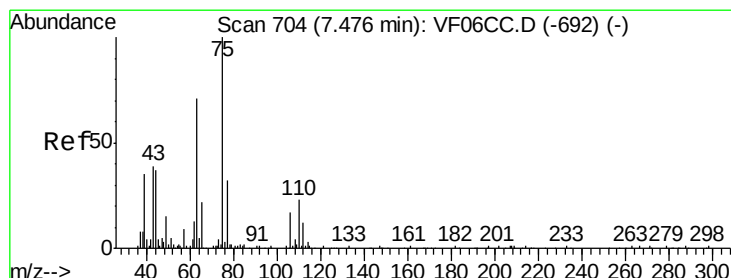
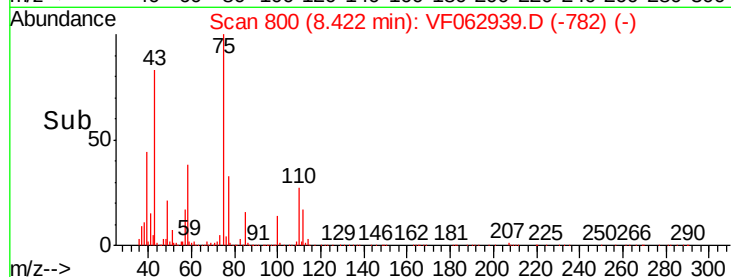
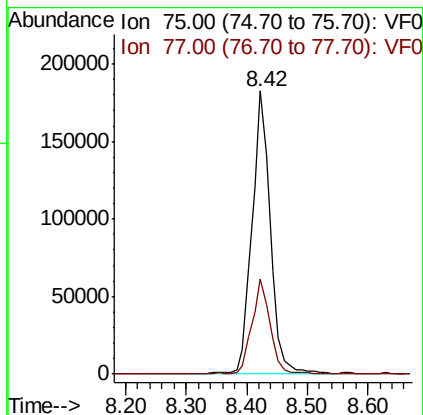
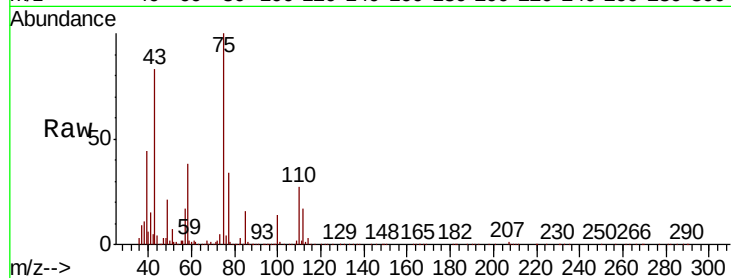
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 75 Resp: 387284

Ion Ratio Lower Upper

75 100

77 33.6 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 118.056 ug/l

RT: 7.46 min Scan# 702

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

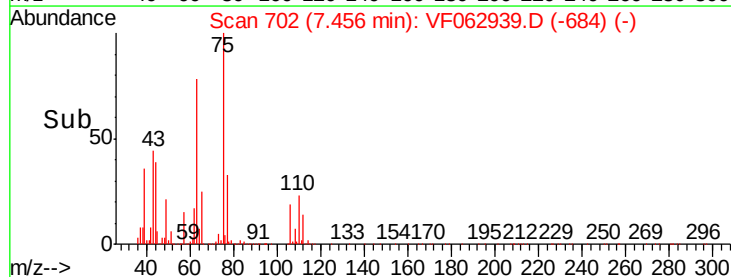
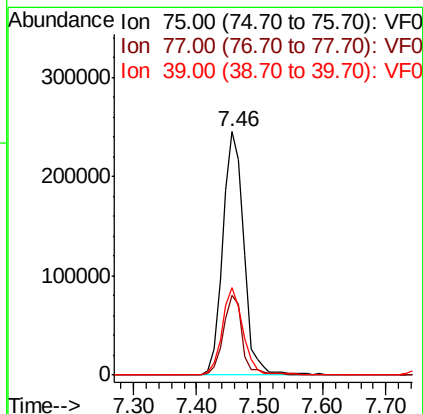
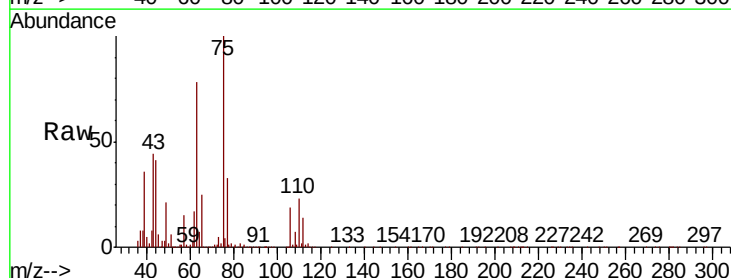
Tgt Ion: 75 Resp: 571834

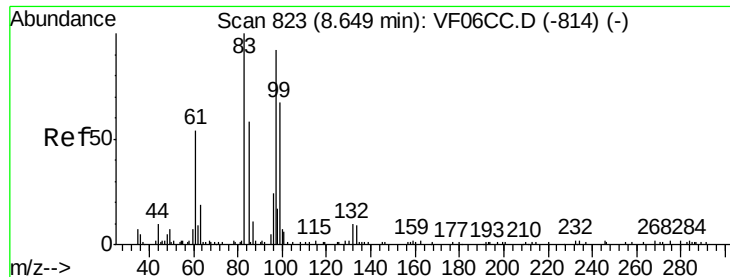
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8

39 36.1 28.4 42.6





#55

1,1,2-Trichloroethane

Concen: 87.415 ug/l

RT: 8.65 min Scan# 823

Delta R.T. -0.00 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion: 97 Resp: 190363

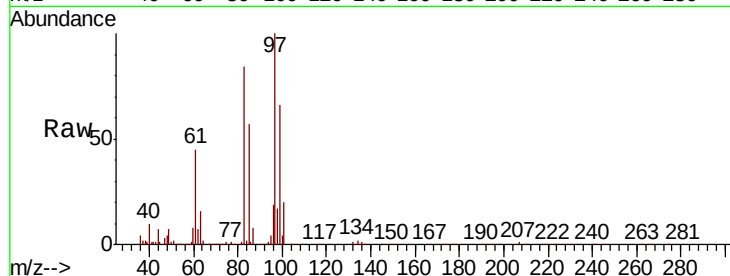
Ion Ratio Lower Upper

97 100

83 83.5 72.0 108.0

85 57.4 47.5 71.3

99 66.0 54.1 81.1

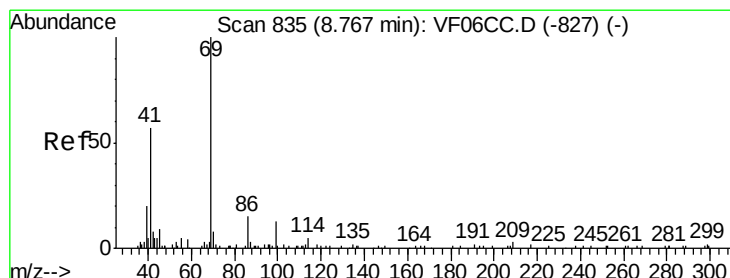
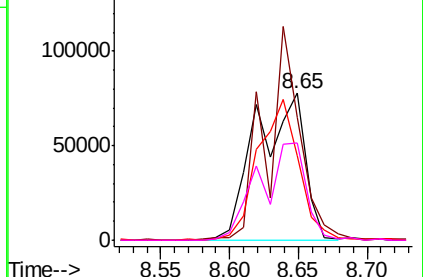
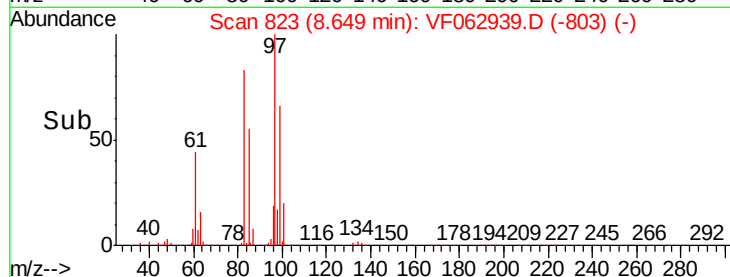


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 114.419 ug/l

RT: 8.75 min Scan# 833

Delta R.T. -0.03 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

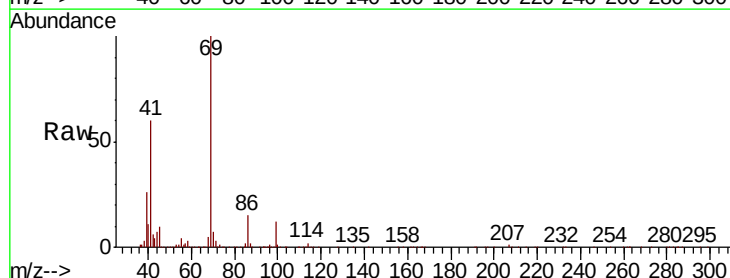
Tgt Ion: 69 Resp: 267352

Ion Ratio Lower Upper

69 100

41 59.7 46.6 69.8

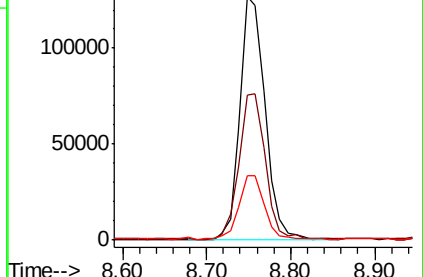
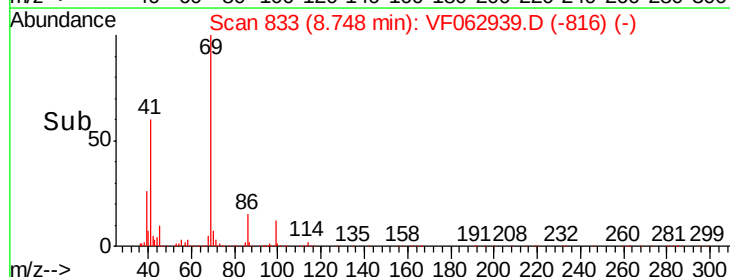
39 26.4 19.6 29.4

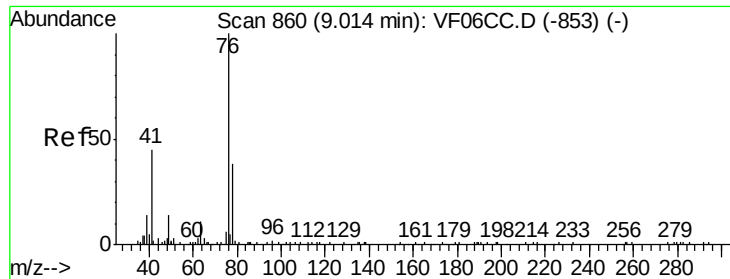


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 117.496 ug/l

RT: 8.99 min Scan# 858

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

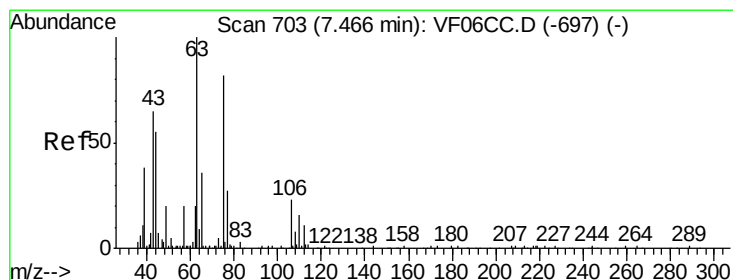
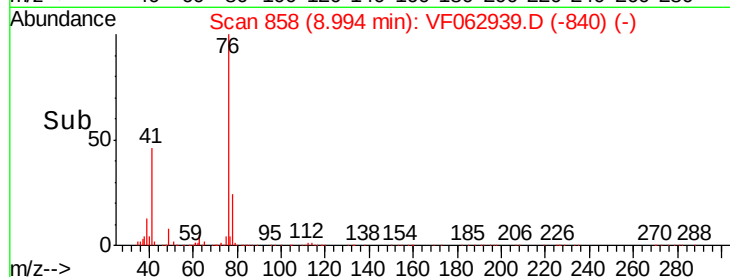
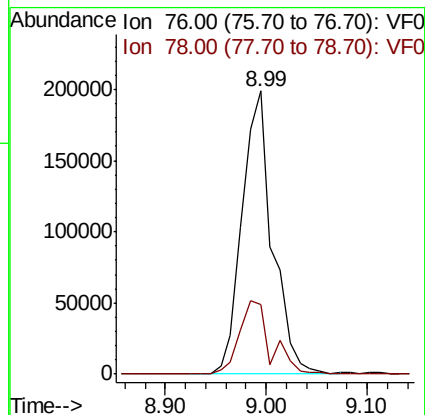
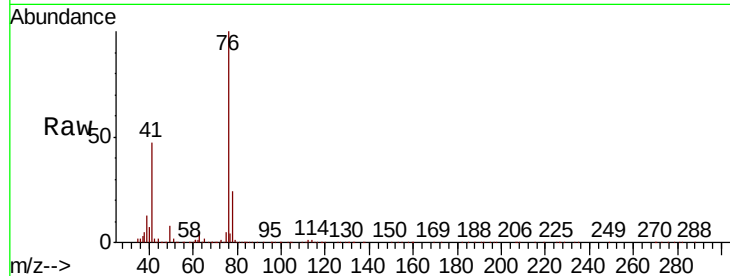
ClientSampleId :

Tot Ion: 76 Resp: 417838

Ion Ratio Lower Upper

76 100

78 24.5 26.8 40.2#



#58

2-Chloroethyl Vinyl ether

Concen: 598.726 ug/l

RT: 7.45 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF062939.D

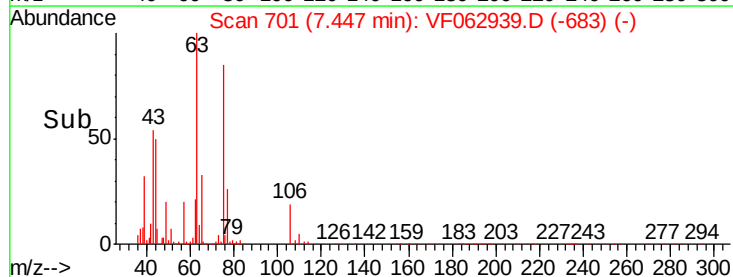
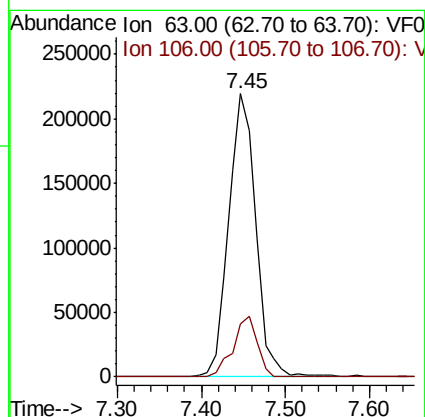
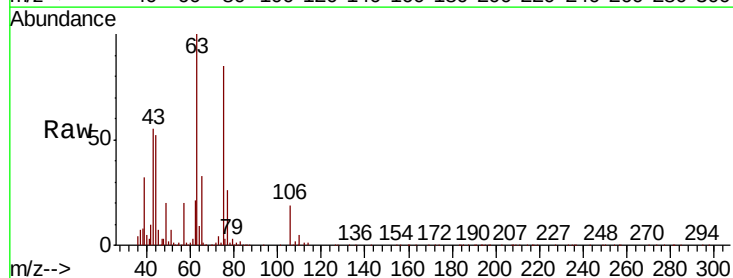
Acq: 12 Jun 2019 20:36

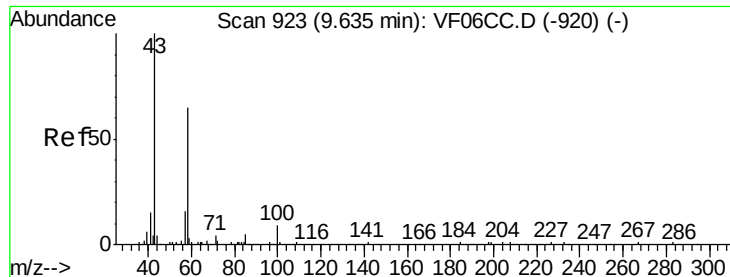
Tgt Ion: 63 Resp: 488928

Ion Ratio Lower Upper

63 100

106 18.9 19.5 29.3#

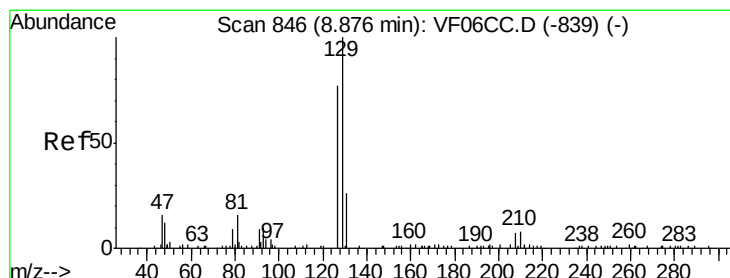
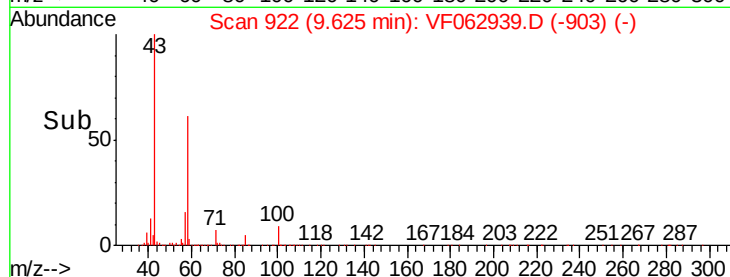
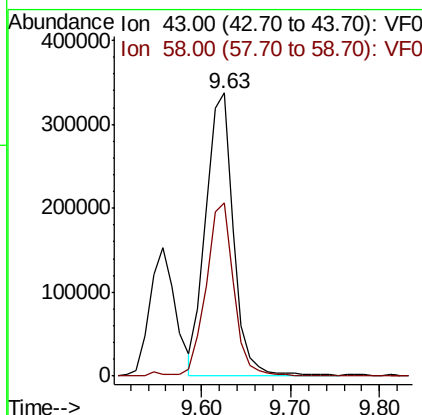
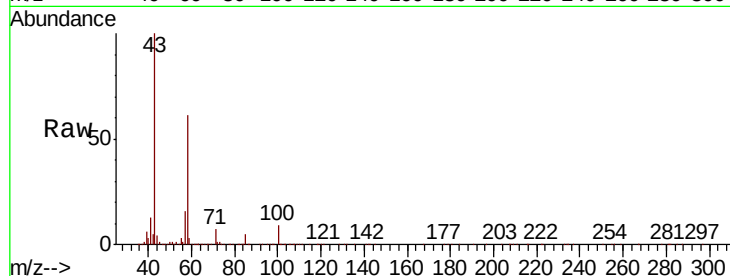




#59
2-Hexanone
Concen: 599.299 ug/l
RT: 9.63 min Scan# 922
Delta R.T. -0.01 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

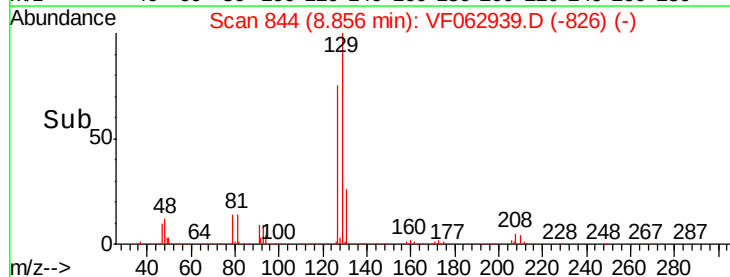
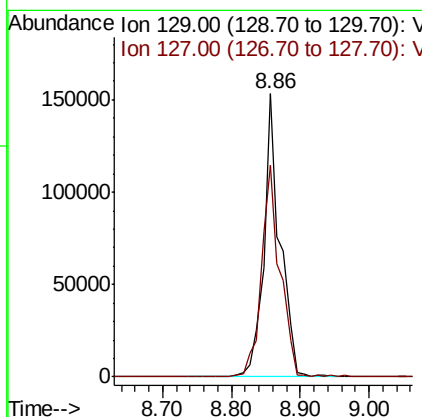
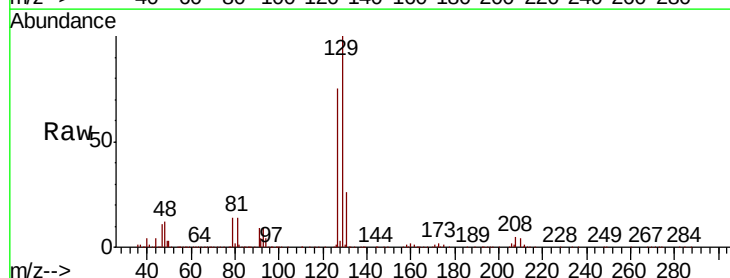
Instrument :
MSVOA_F
ClientSampleId :

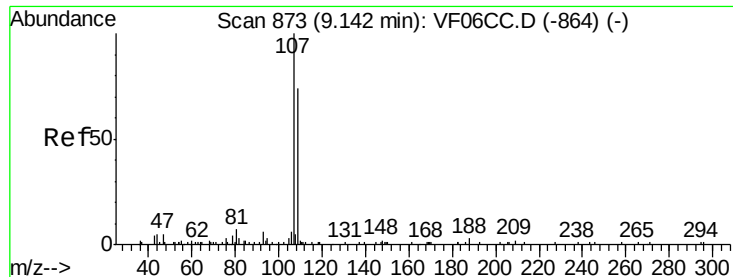
Tot Ion: 43 Resp: 716127
Ion Ratio Lower Upper
43 100
58 61.3 29.3 87.9



#60
Dibromochloromethane
Concen: 93.731 ug/l
RT: 8.86 min Scan# 844
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion: 129 Resp: 252708
Ion Ratio Lower Upper
129 100
127 75.0 37.1 111.3





#61

1,2-Dibromoethane

Concen: 71.071 ug/l

RT: 9.12 min Scan# 871

Delta R.T. -0.03 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

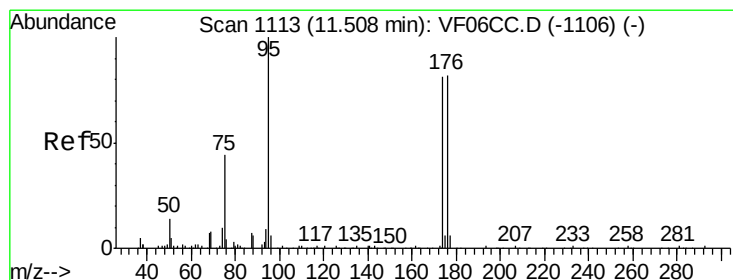
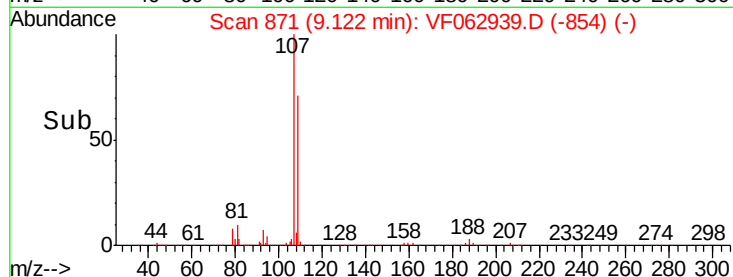
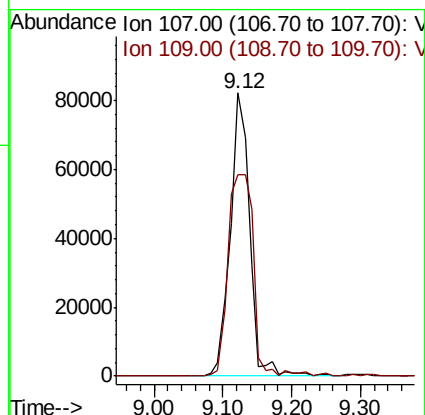
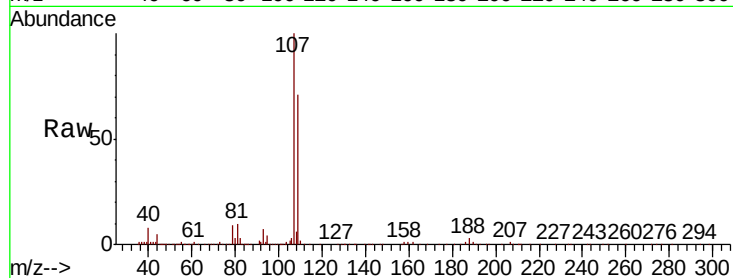
ClientSampleId :

Tot Ion:107 Resp: 160738

Ion Ratio Lower Upper

107 100

109 71.2 78.1 117.1#



#62

4-Bromofluorobenzene

Concen: 93.903 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

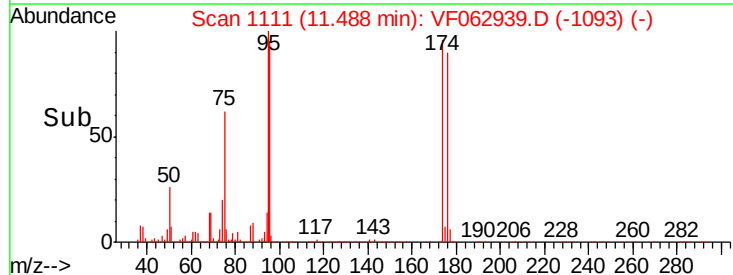
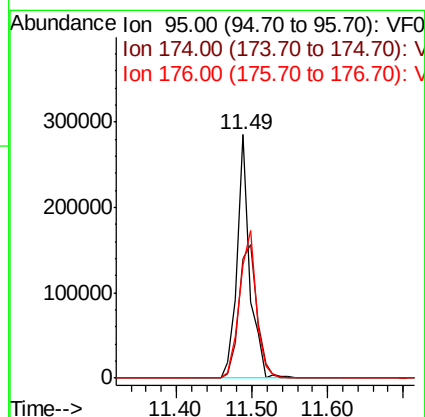
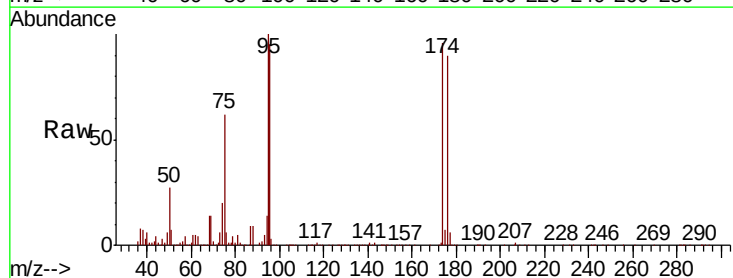
Tgt Ion: 95 Resp: 326034

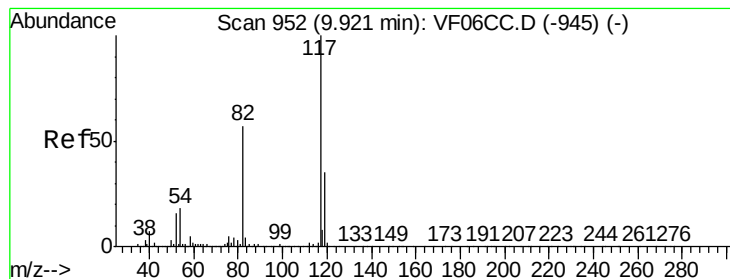
Ion Ratio Lower Upper

95 100

174 49.1 0.0 170.6

176 46.3 0.0 170.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.90 min Scan# 950

Delta R.T. -0.03 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

ClientSampleId :

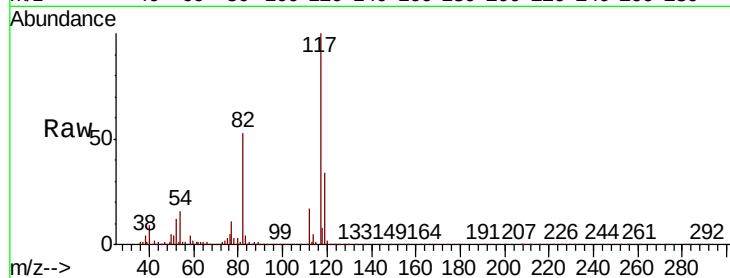
Tot Ion:117 Resp: 737595

Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

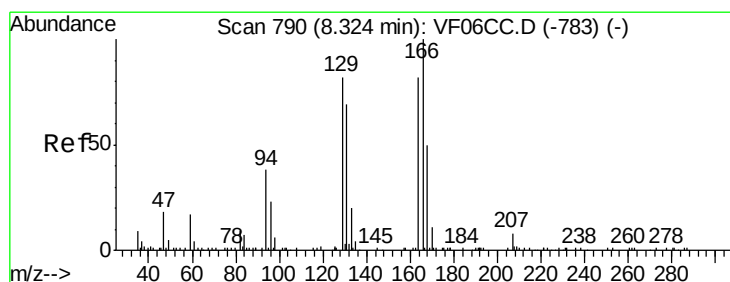
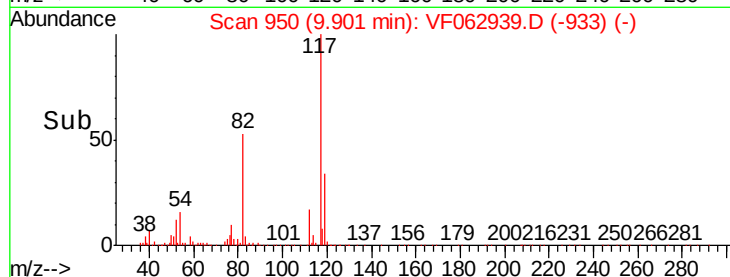
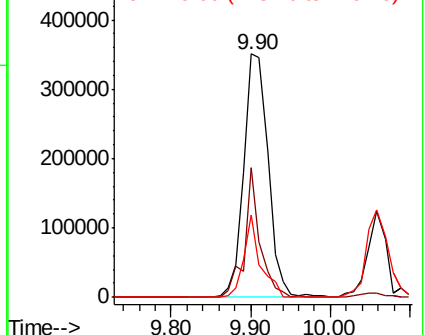
119 33.9 27.1 40.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#64

Tetrachloroethene

Concen: 42.595 ug/l

RT: 8.30 min Scan# 788

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Tgt Ion:164 Resp: 241427

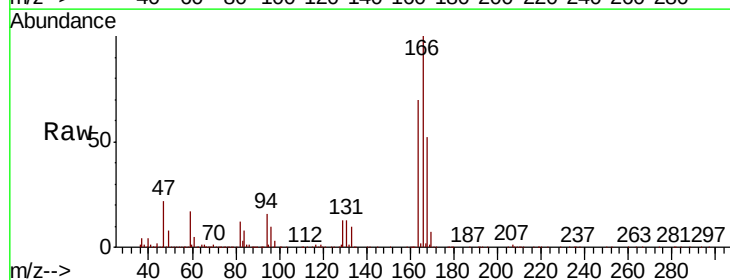
Ion Ratio Lower Upper

164 100

166 142.8 99.1 148.7

129 18.1 69.5 104.3#

131 18.6 69.2 103.8#

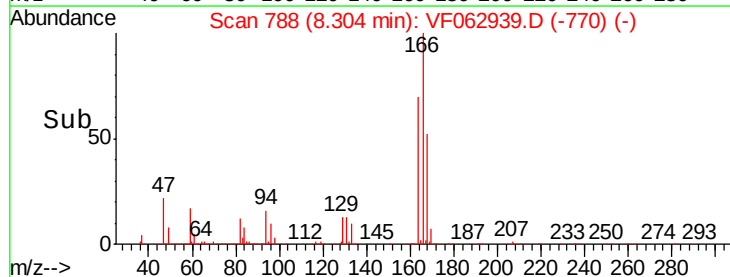
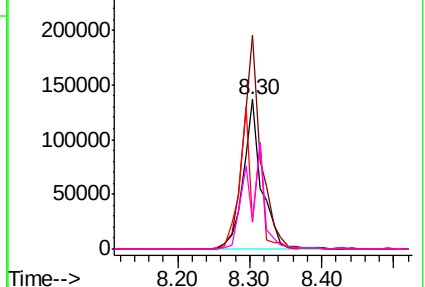


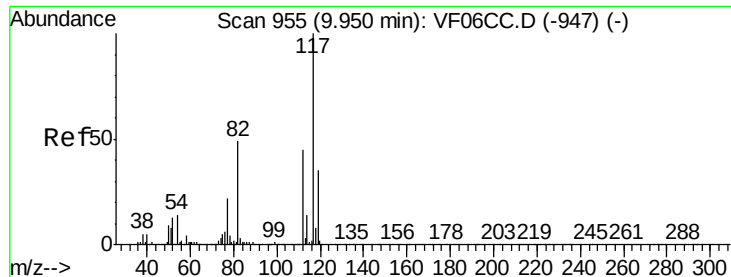
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





#65

Chlorobenzene

Concen: 33.282 ug/l

RT: 9.94 min Scan# 954

Delta R.T. -0.01 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

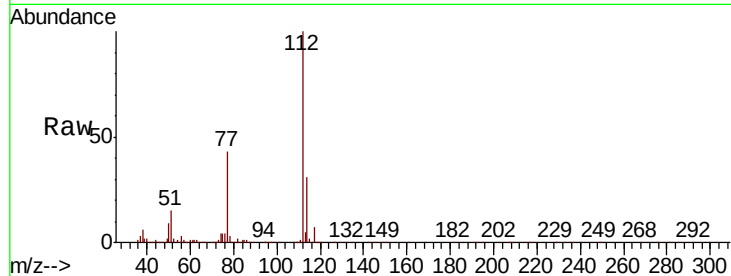
ClientSampleId :

Tot Ion:112 Resp: 474075

Ion Ratio Lower Upper

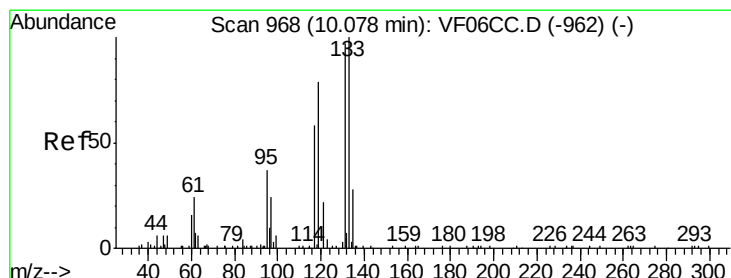
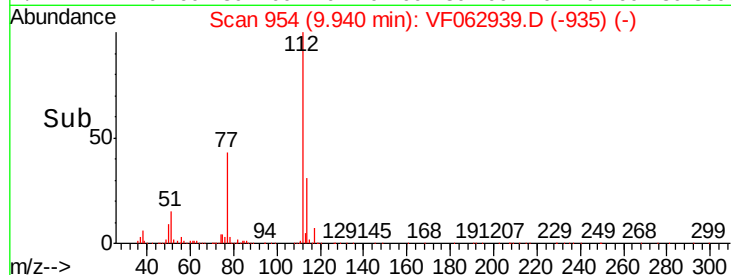
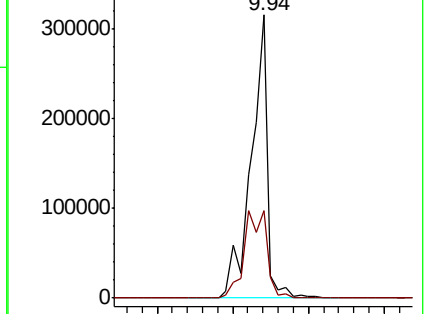
112 100

114 30.9 27.4 41.0



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 39.369 ug/l

RT: 10.06 min Scan# 966

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

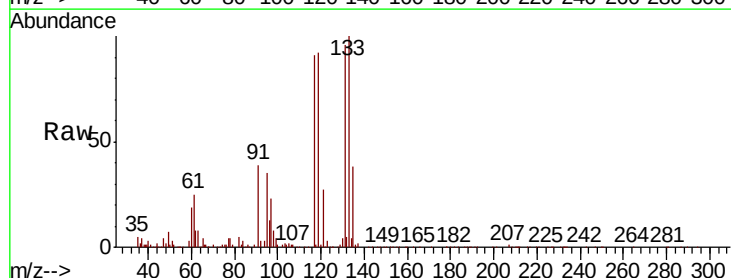
Tgt Ion:131 Resp: 223332

Ion Ratio Lower Upper

131 100

133 103.8 48.9 146.7

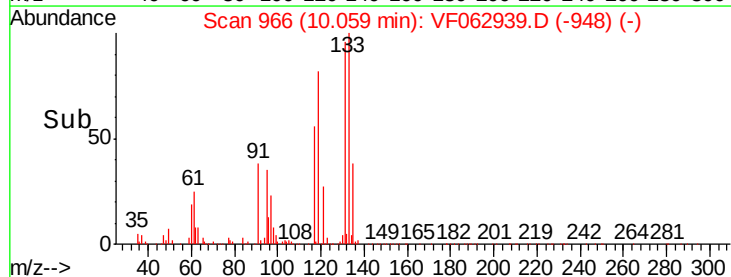
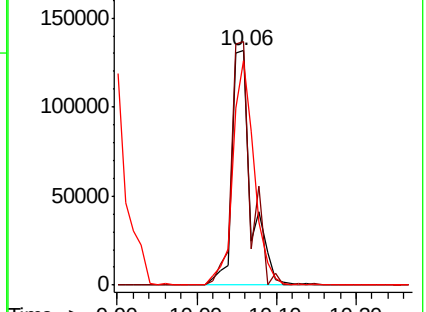
119 95.5 38.0 114.0

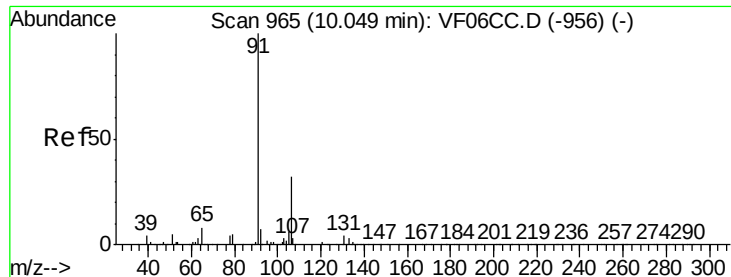


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 36.088 ug/l

RT: 10.04 min Scan# 964

Delta R.T. -0.01 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

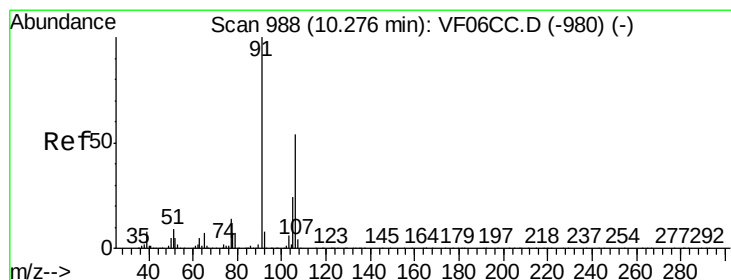
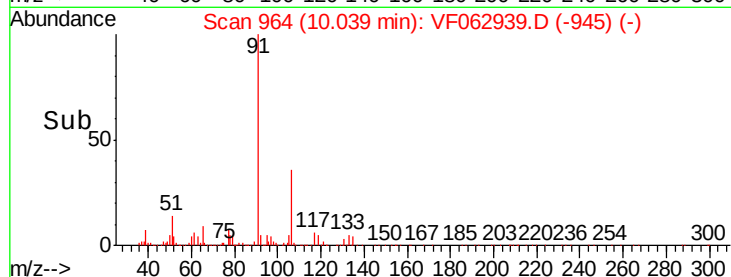
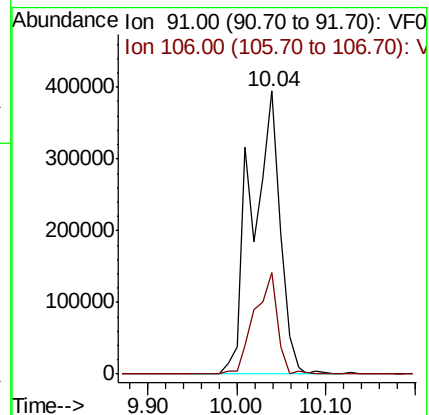
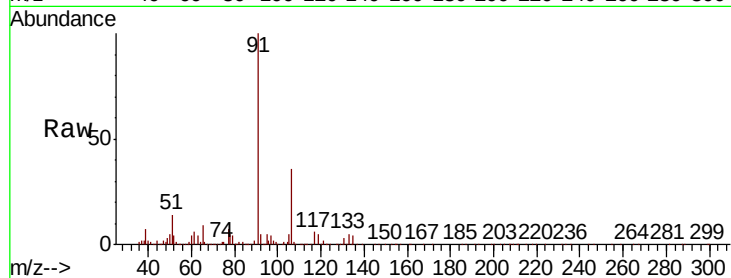
ClientSampleId :

Tot Ion: 91 Resp: 882125

Ion Ratio Lower Upper

91 100

106 35.8 26.0 39.0



#68

m/p-Xylenes

Concen: 98.990 ug/l

RT: 10.26 min Scan# 986

Delta R.T. -0.02 min

Lab File: VF062939.D

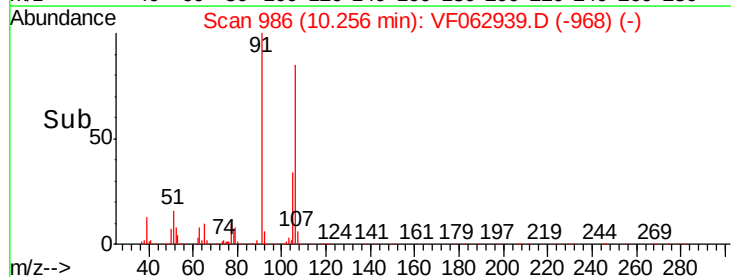
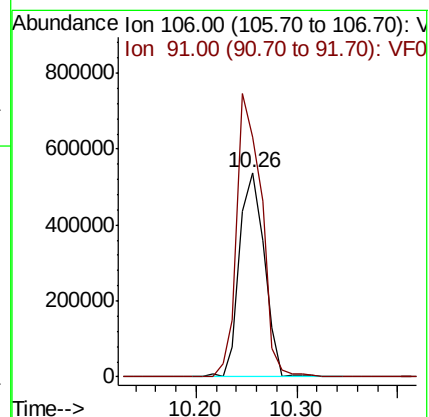
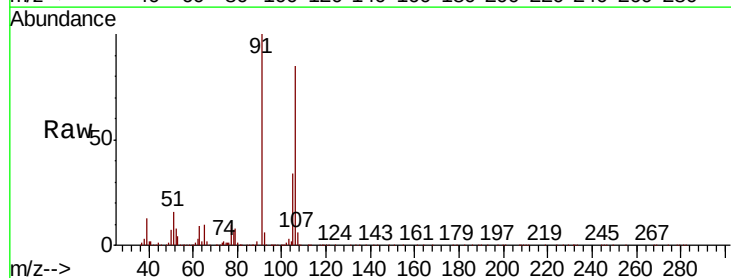
Acq: 12 Jun 2019 20:36

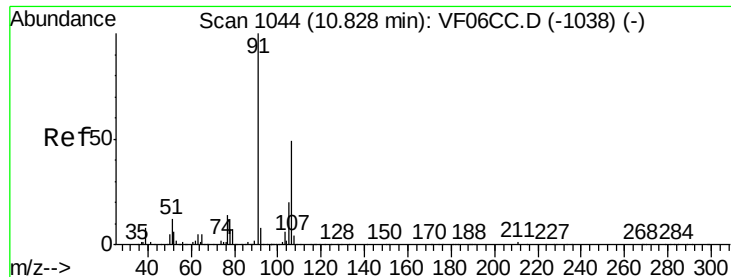
Tgt Ion: 106 Resp: 925914

Ion Ratio Lower Upper

106 100

91 117.4 136.2 204.4#

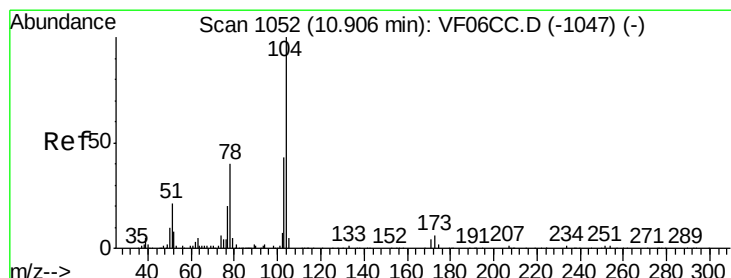
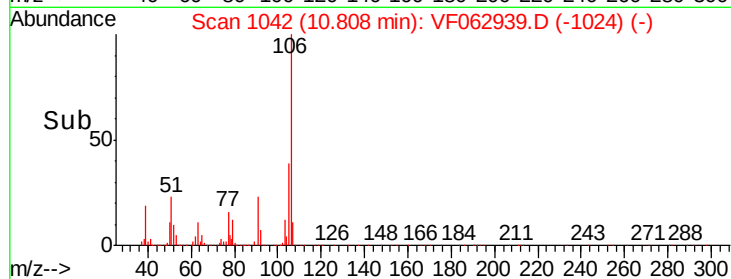
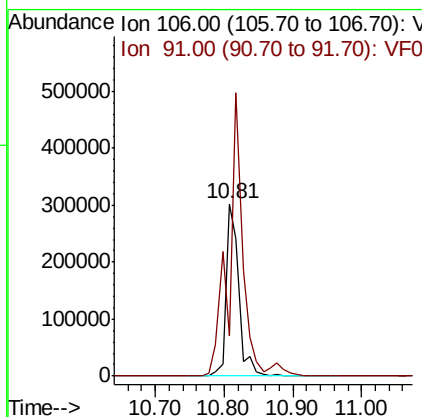
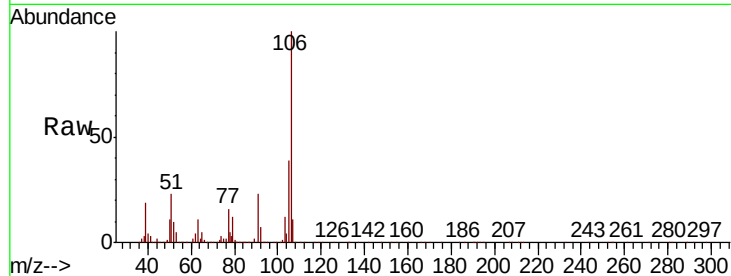




#69
o-Xylene
Concen: 40.886 ug/l
RT: 10.81 min Scan# 1042
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

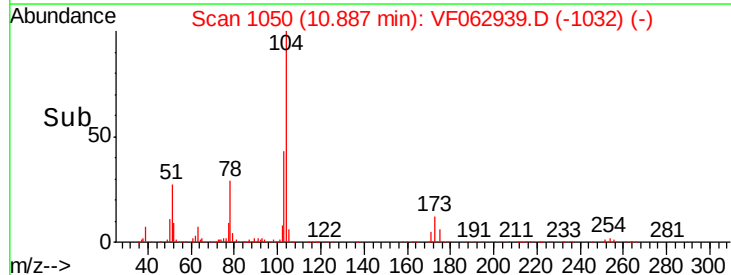
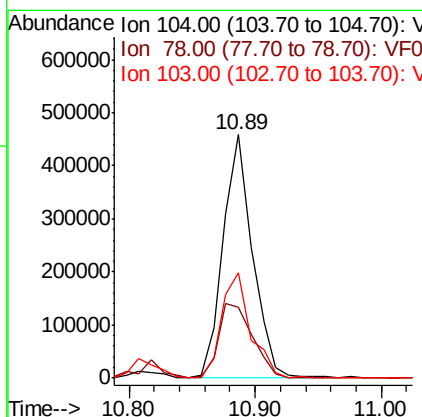
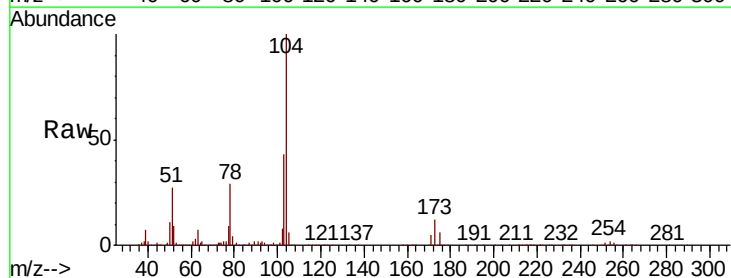
Instrument :
MSVOA_F
ClientSampled :

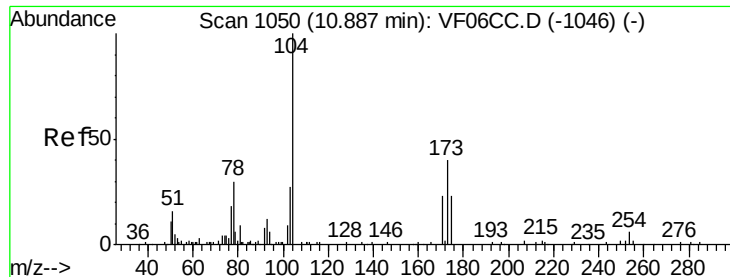
Tot Ion:106 Resp: 387196
Ion Ratio Lower Upper
106 100
91 23.1 96.6 289.8#



#70
Styrene
Concen: 53.052 ug/l
RT: 10.89 min Scan# 1050
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion:104 Resp: 740533
Ion Ratio Lower Upper
104 100
78 28.9 30.8 46.2#
103 43.3 35.8 53.6





#71

Bromoform

Concen: 65.622 ug/l

RT: 10.88 min Scan# 1049

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

ClientSampleId :

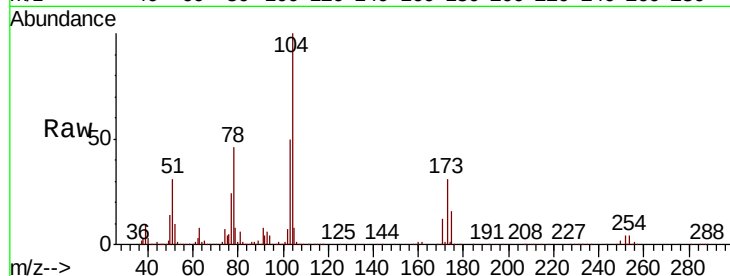
Tot Ion:173 Resp: 178581

Ion Ratio Lower Upper

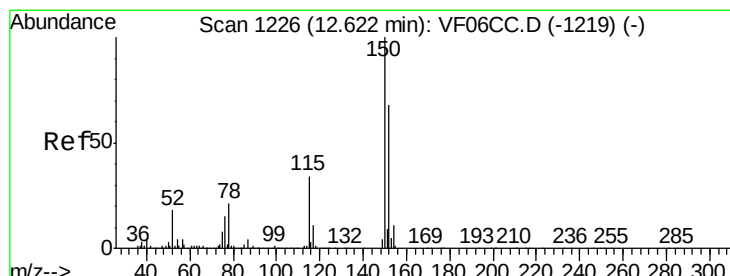
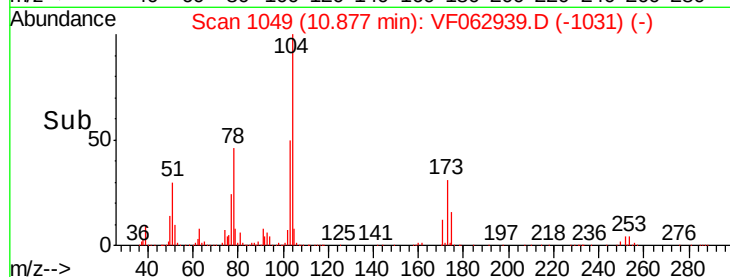
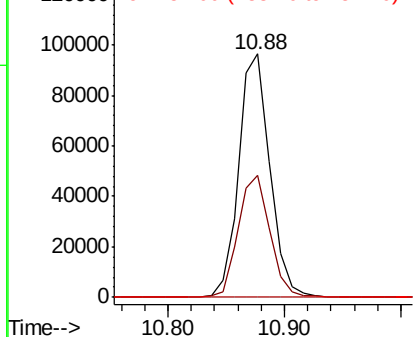
173 100

175 50.1 24.6 74.0

254 0.2 0.1 0.1#



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

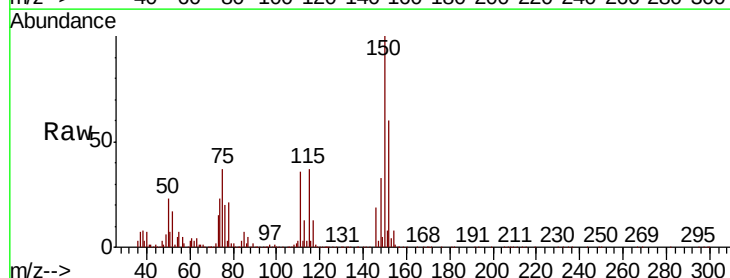
Tgt Ion:152 Resp: 281386

Ion Ratio Lower Upper

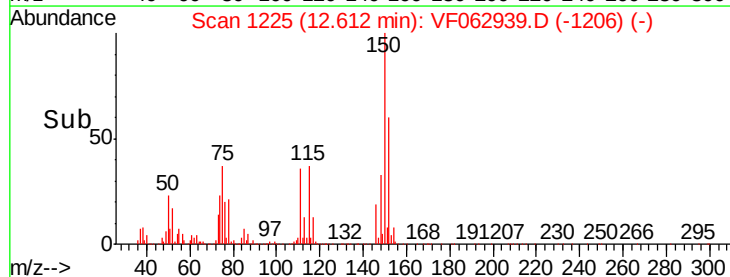
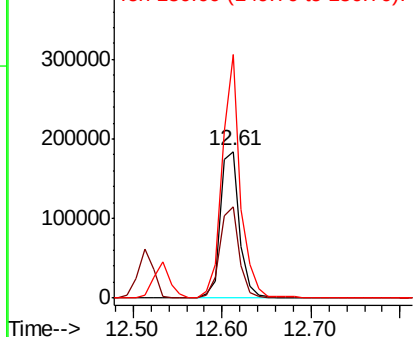
152 100

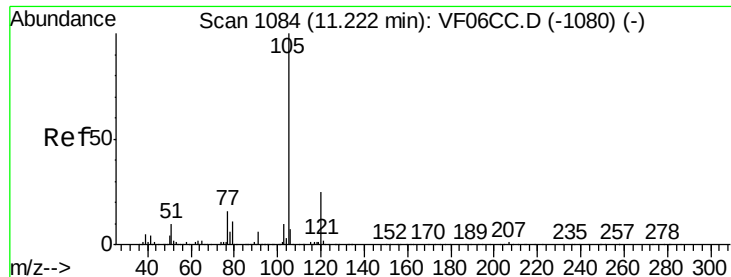
115 61.8 24.6 74.0

150 165.7 0.0 290.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 59.979 ug/l

RT: 11.20 min Scan# 1082

Delta R.T. -0.03 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

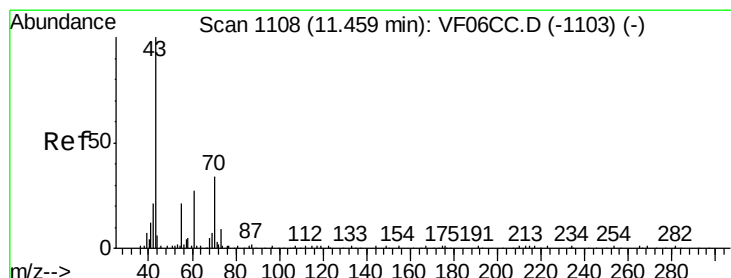
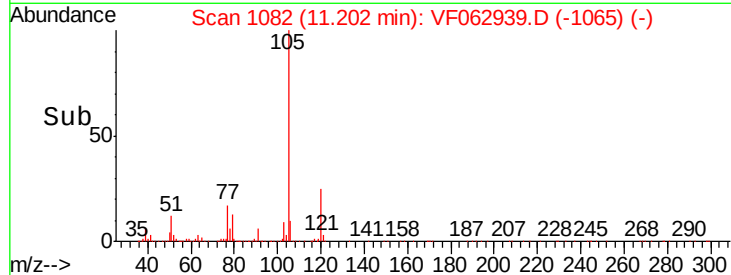
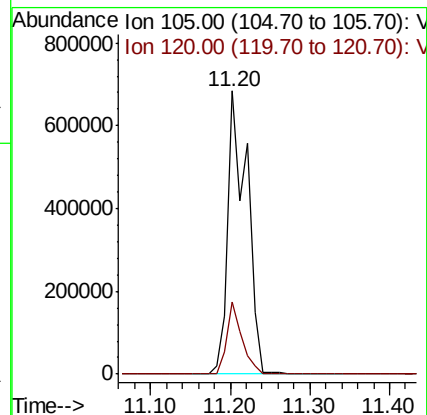
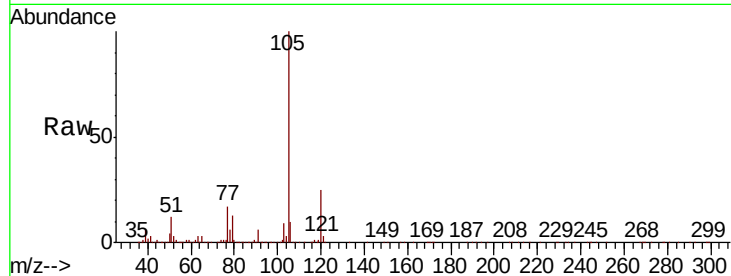
ClientSampleId :

Tot Ion:105 Resp: 1177626

Ion Ratio Lower Upper

105 100

120 25.4 15.1 45.3



#74

N-ethyl acetate

Concen: 78.955 ug/l

RT: 11.44 min Scan# 1106

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Tgt Ion: 43 Resp: 436911

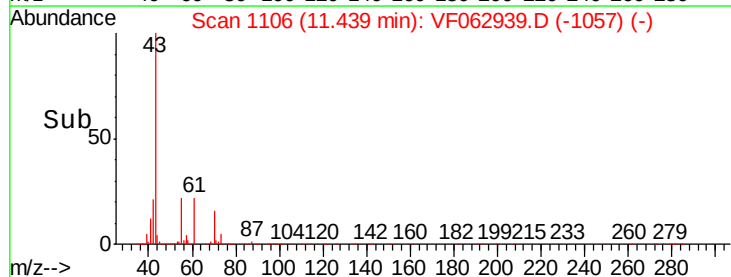
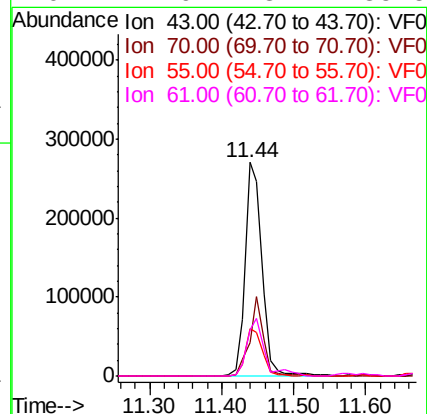
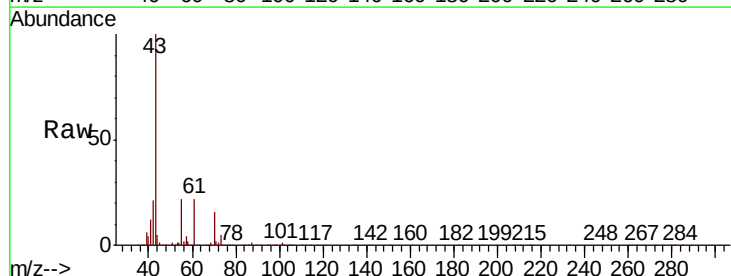
Ion Ratio Lower Upper

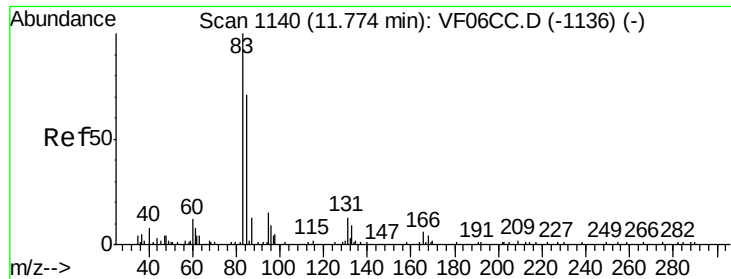
43 100

70 15.8 32.9 49.3#

55 21.9 17.3 25.9

61 21.9 23.7 35.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 79.112 ug/l

RT: 11.76 min Scan# 1139

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

ClientSampleId :

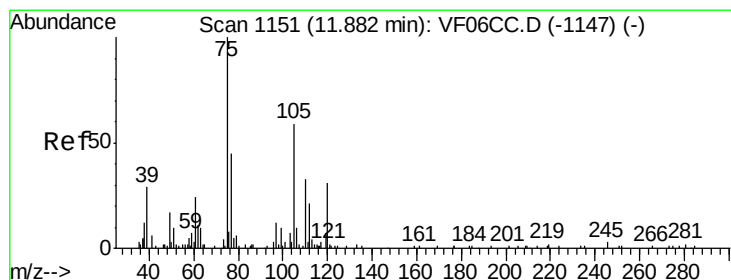
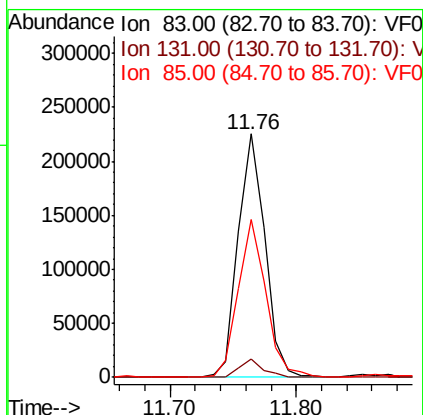
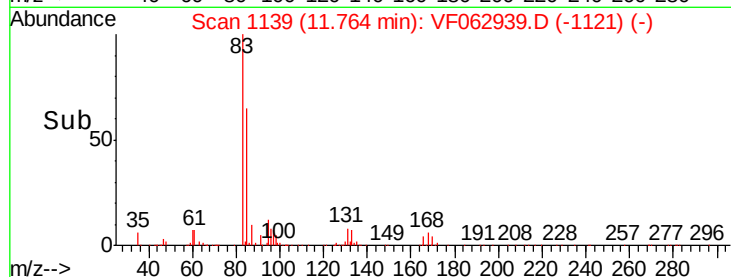
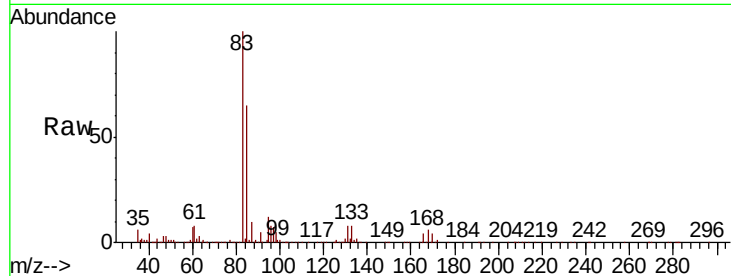
Tot Ion: 83 Resp: 331705

Ion Ratio Lower Upper

83 100

131 7.7 4.9 14.7

85 64.7 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 82.339 ug/l

RT: 11.86 min Scan# 1149

Delta R.T. -0.02 min

Lab File: VF062939.D

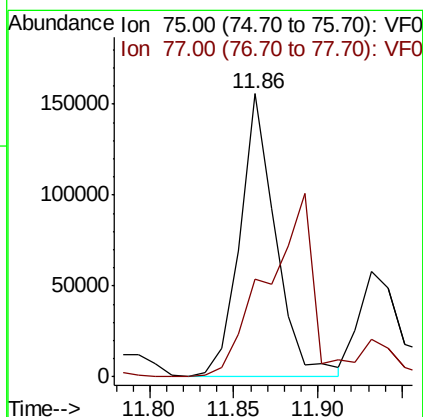
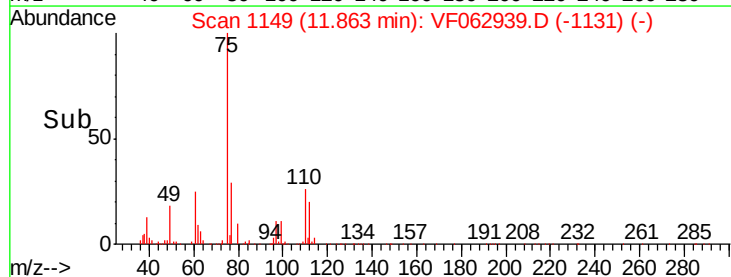
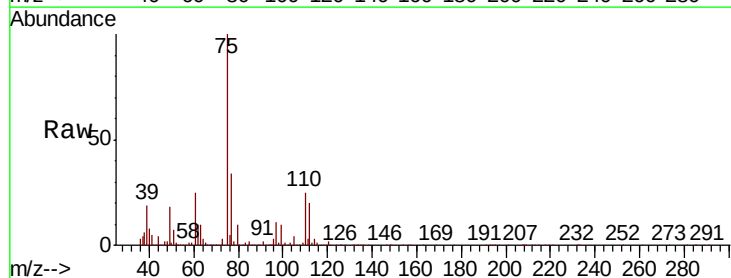
Acq: 12 Jun 2019 20:36

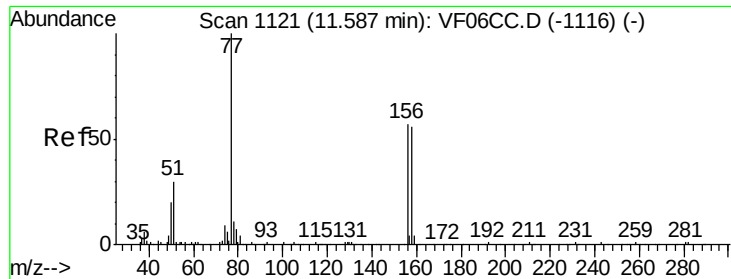
Tgt Ion: 75 Resp: 228844

Ion Ratio Lower Upper

75 100

77 34.4 20.1 60.2





#77

Bromobenzene

Concen: 67.725 ug/l

RT: 11.58 min Scan# 1120

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

ClientSampled :

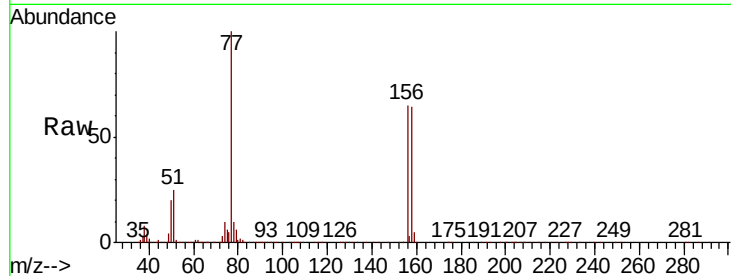
Tot Ion:156 Resp: 334100

Ion Ratio Lower Upper

156 100

77 154.9 64.2 192.6

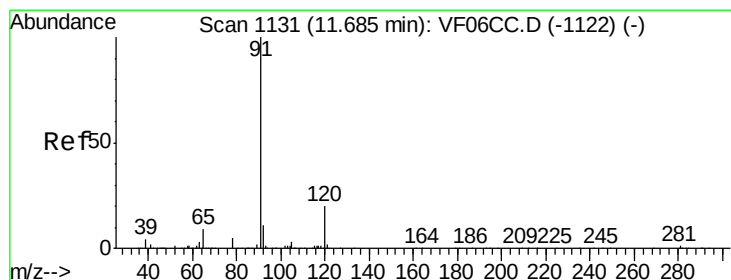
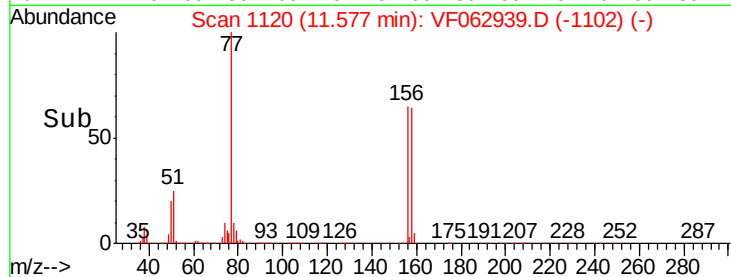
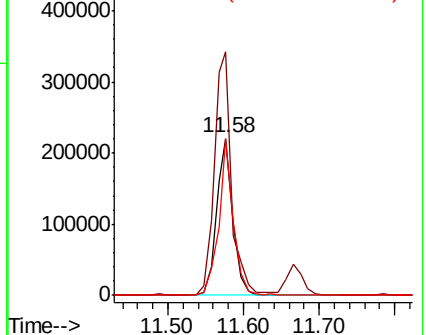
158 99.3 50.3 151.0



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: 74.316 ug/l

RT: 11.67 min Scan# 1129

Delta R.T. -0.02 min

Lab File: VF062939.D

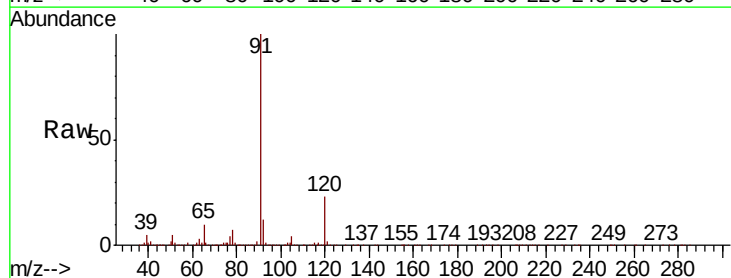
Acq: 12 Jun 2019 20:36

Tgt Ion: 91 Resp: 1761783

Ion Ratio Lower Upper

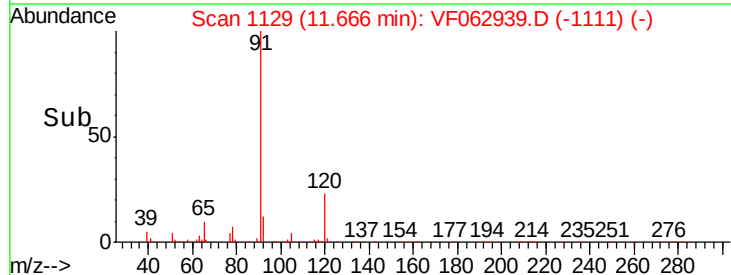
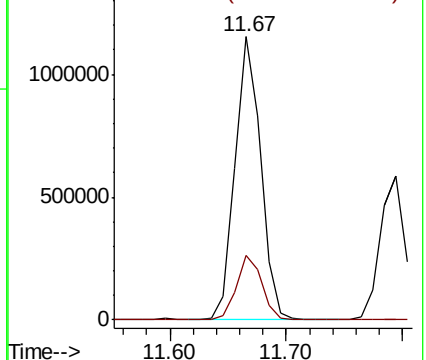
91 100

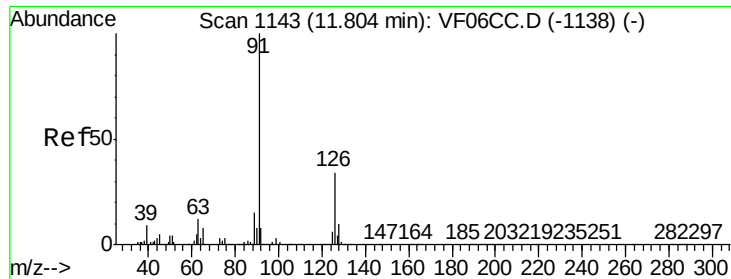
120 22.7 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

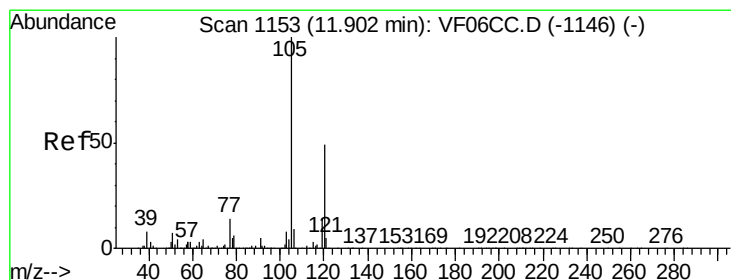
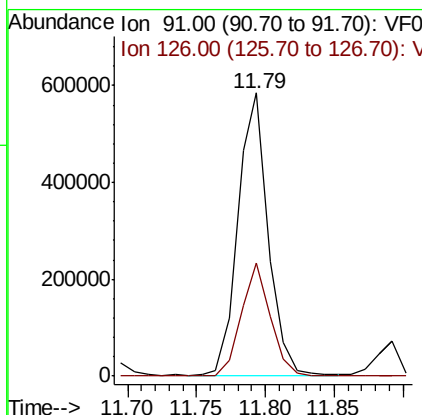
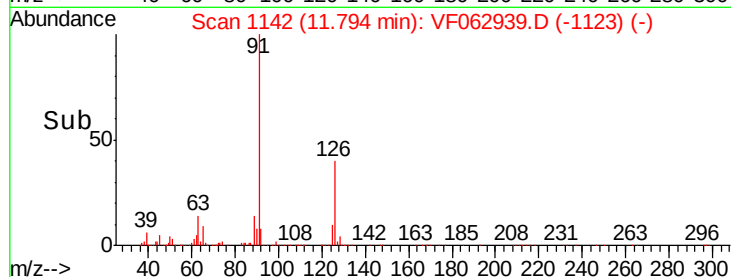
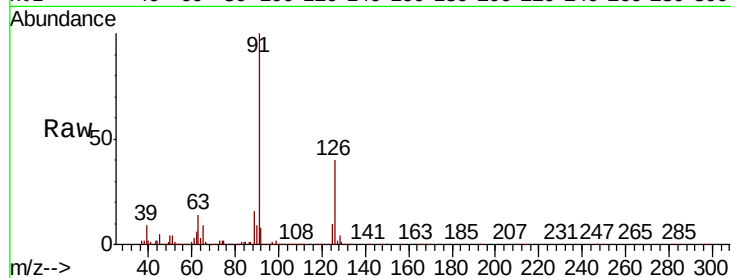




#79
 2-Chlorotoluene
 Concen: 65.192 ug/l
 RT: 11.79 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

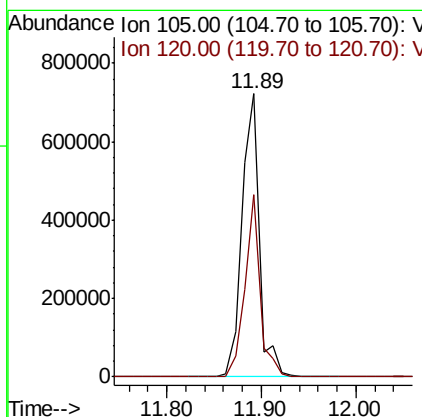
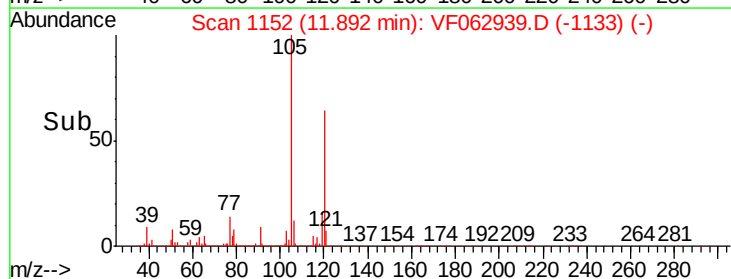
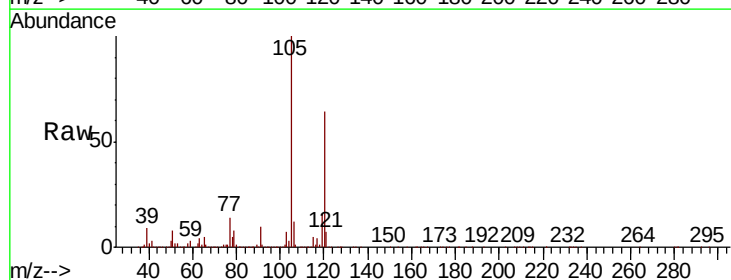
Instrument :
 MSVOA_F
 ClientSampleId :

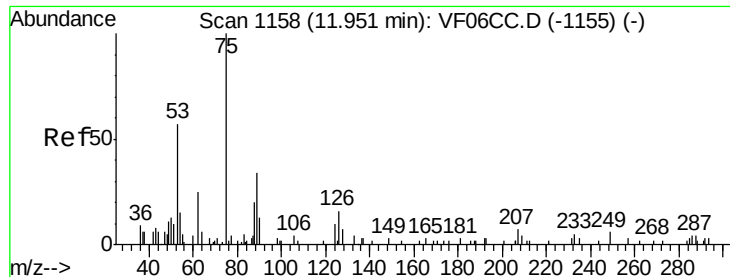
Tot Ion: 91 Resp: 884316
 Ion Ratio Lower Upper
 91 100
 126 39.8 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 57.216 ug/l
 RT: 11.89 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

Tgt Ion: 105 Resp: 918684
 Ion Ratio Lower Upper
 105 100
 120 64.4 28.7 86.1





#81

trans-1,4-Dichloro-2-butene

Concen: 99.477 ug/l

RT: 11.93 min Scan# 1156

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

ClientSampleId :

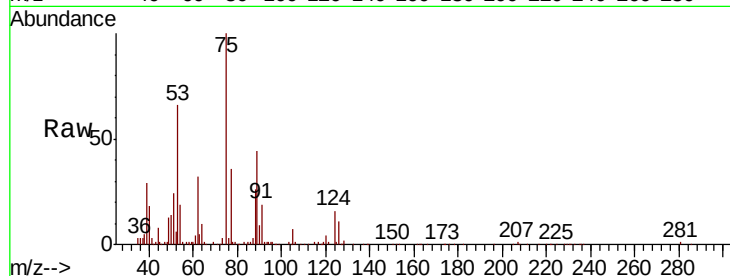
Tot Ion: 75 Resp: 117050

Ion Ratio Lower Upper

75 100

53 65.8 43.5 65.3#

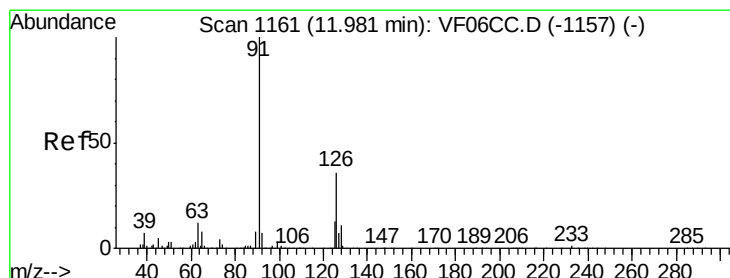
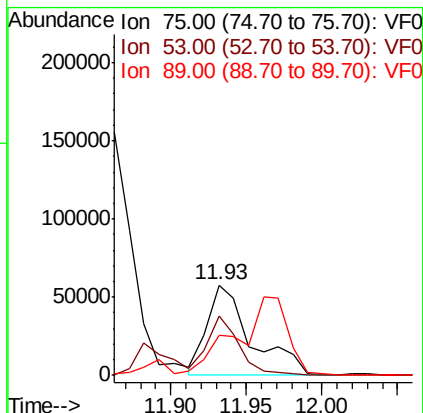
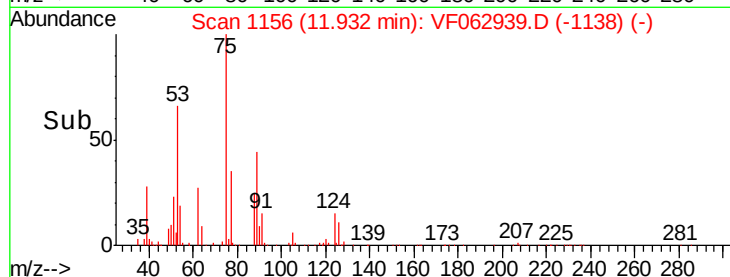
89 43.8 34.3 51.5



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: 60.267 ug/l

RT: 11.96 min Scan# 1159

Delta R.T. -0.02 min

Lab File: VF062939.D

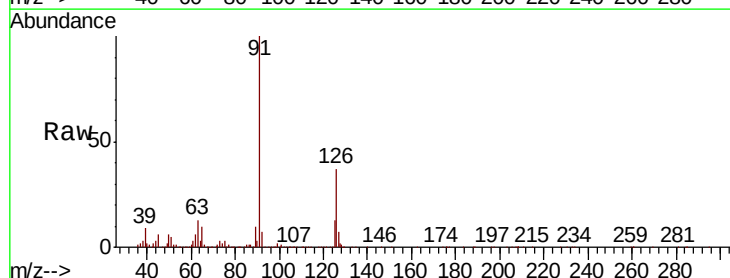
Acq: 12 Jun 2019 20:36

Tgt Ion: 91 Resp: 803407

Ion Ratio Lower Upper

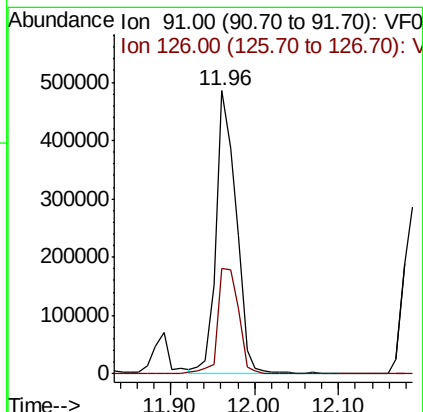
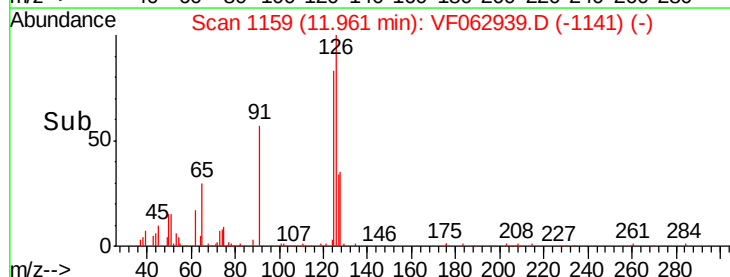
91 100

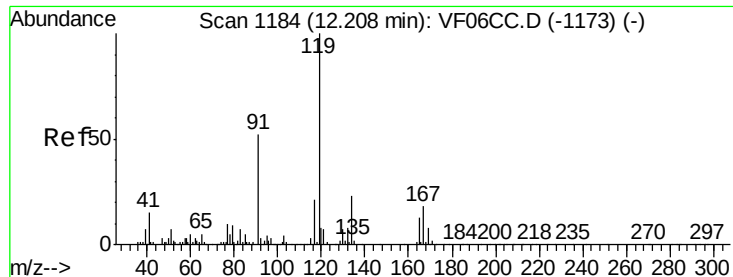
126 37.2 19.1 57.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

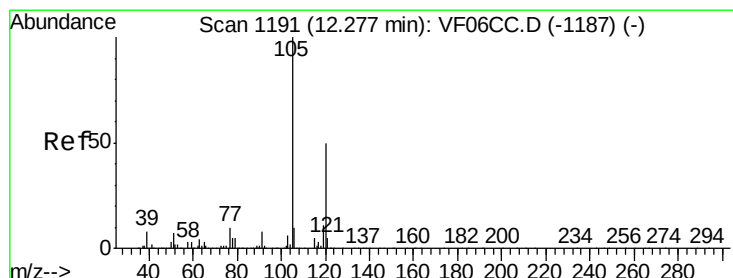
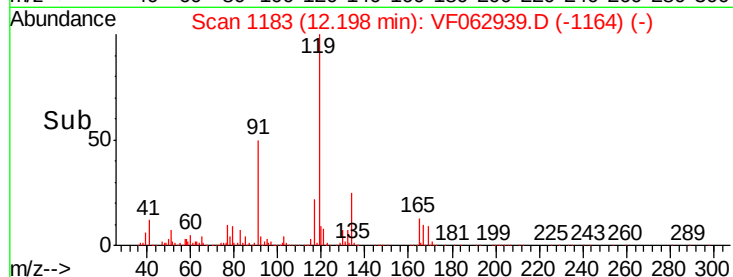
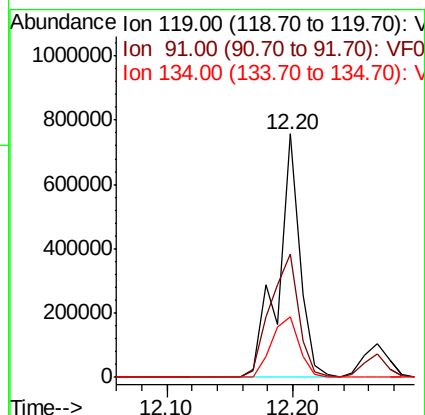
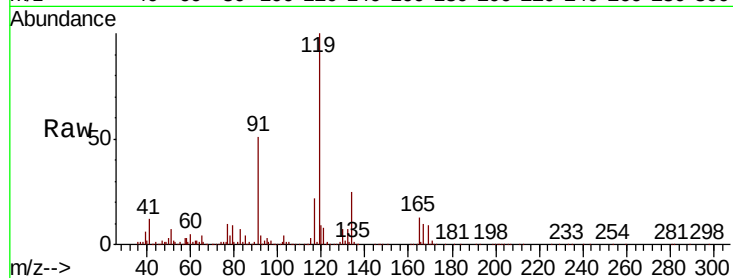




#83
 tert-Butylbenzene
 Concen: 57.063 ug/l
 RT: 12.20 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

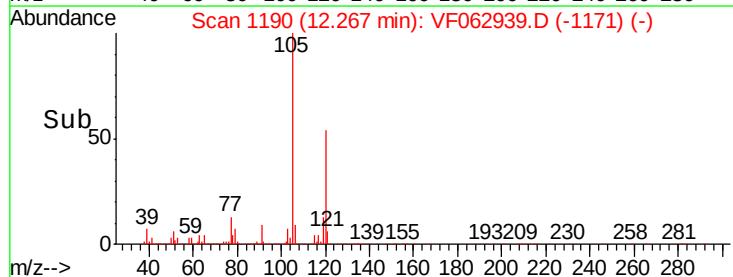
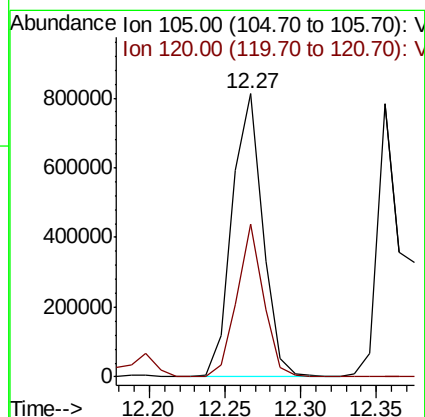
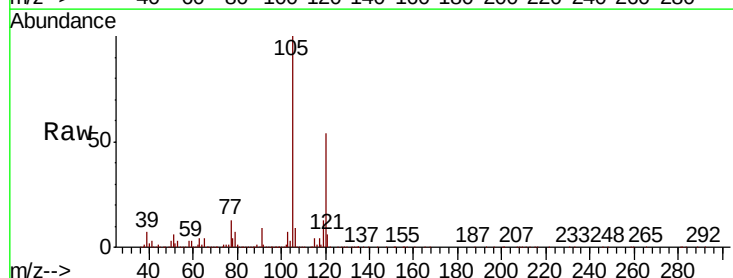
Instrument :
 MSVOA_F
 ClientSampleId :

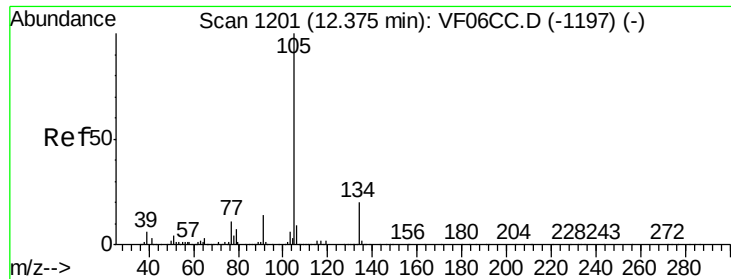
Tot Ion:119 Resp: 907863
 Ion Ratio Lower Upper
 119 100
 91 50.8 28.9 86.7
 134 24.7 14.3 42.9



#84
 1,2,4-Trimethylbenzene
 Concen: 75.104 ug/l
 RT: 12.27 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

Tgt Ion:105 Resp: 1143362
 Ion Ratio Lower Upper
 105 100
 120 54.0 27.1 81.3





#85

sec-Butylbenzene

Concen: 47.425 ug/l

RT: 12.36 min Scan# 1199

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

Instrument :

MSVOA_F

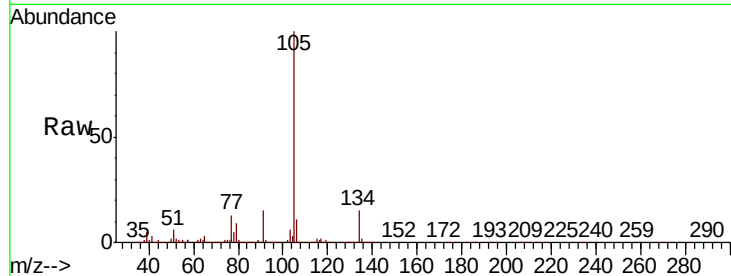
ClientSampleId :

Tot Ion:105 Resp: 994230

Ion Ratio Lower Upper

105 100

134 14.6 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

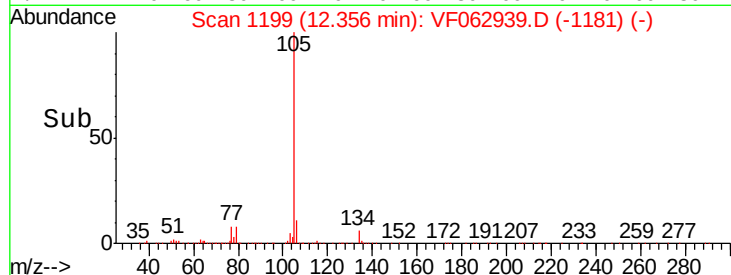
600000

400000

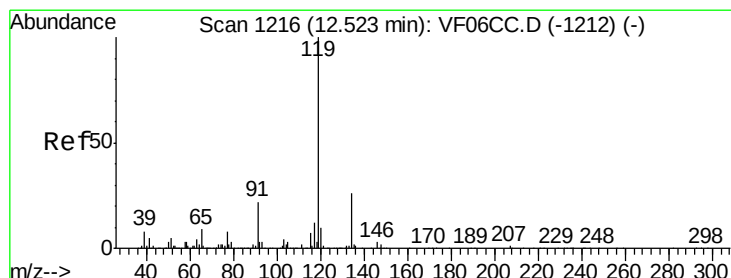
200000

0

12.30 12.35 12.40 12.45



Time-->



#86

p-Isopropyltoluene

Concen: 77.050 ug/l

RT: 12.51 min Scan# 1215

Delta R.T. -0.02 min

Lab File: VF062939.D

Acq: 12 Jun 2019 20:36

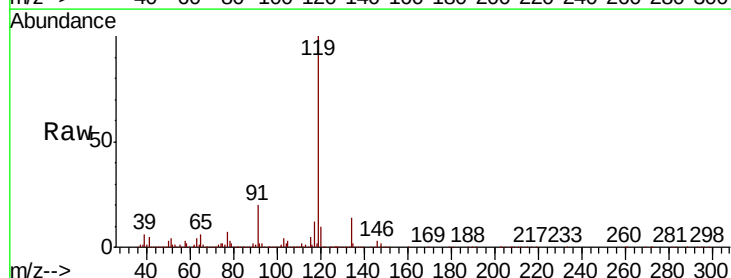
Tgt Ion:119 Resp: 1344508

Ion Ratio Lower Upper

119 100

134 14.2 15.5 46.5#

91 20.1 10.3 30.9



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): VF0

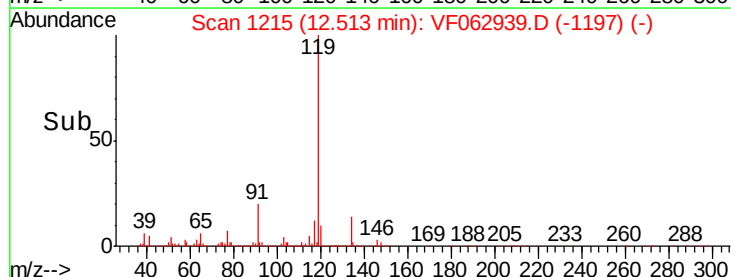
1500000

1000000

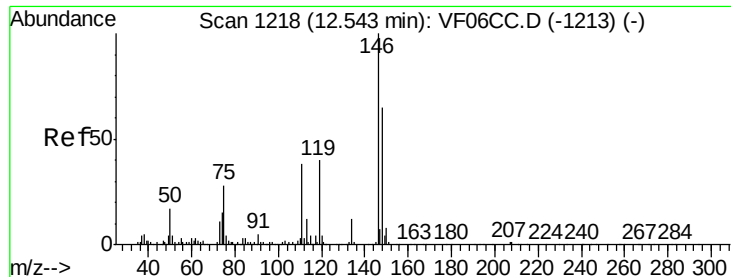
500000

0

12.45 12.50 12.55



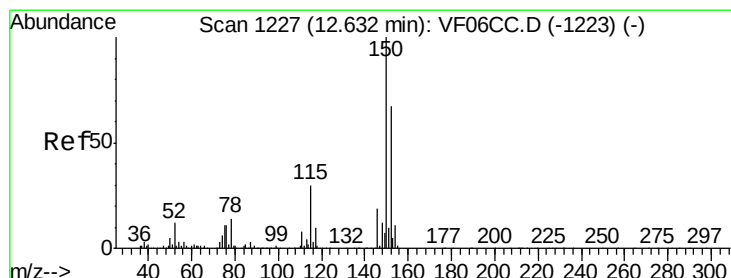
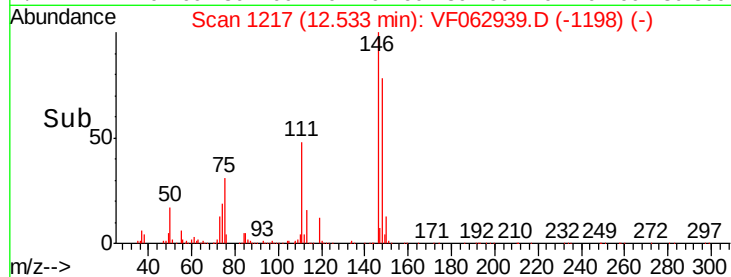
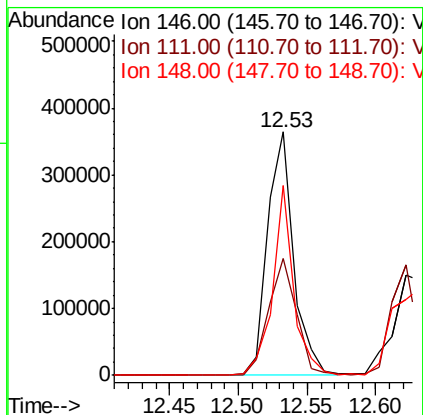
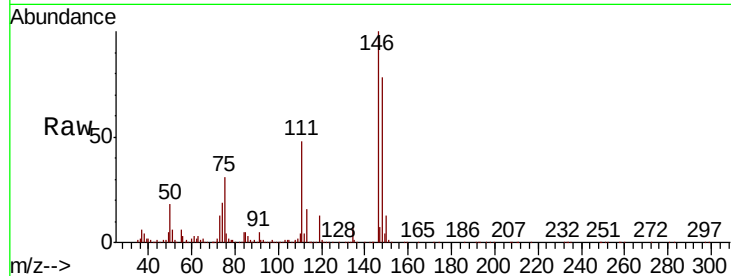
Time-->



#87
 1,3-Dichlorobenzene
 Concen: 55.313 ug/l
 RT: 12.53 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

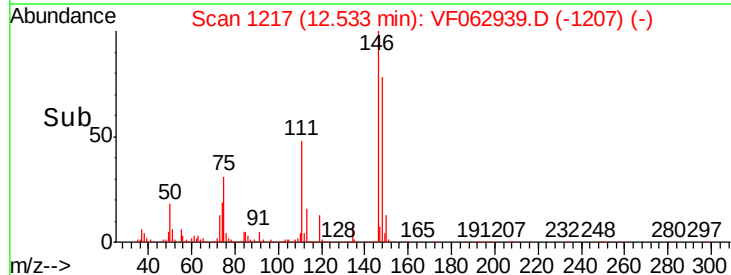
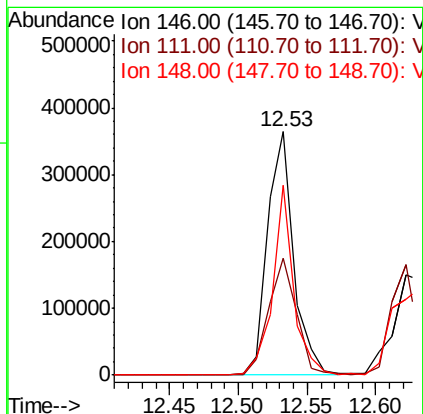
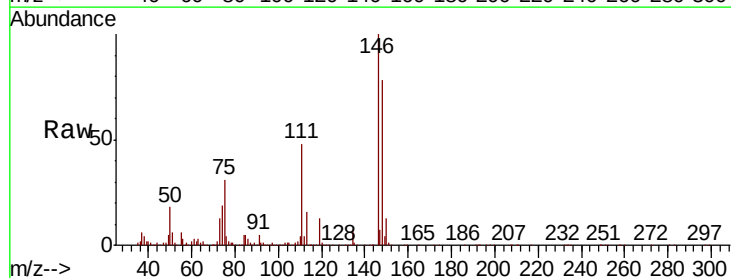
Instrument :
 MSVOA_F
 ClientSampleId :

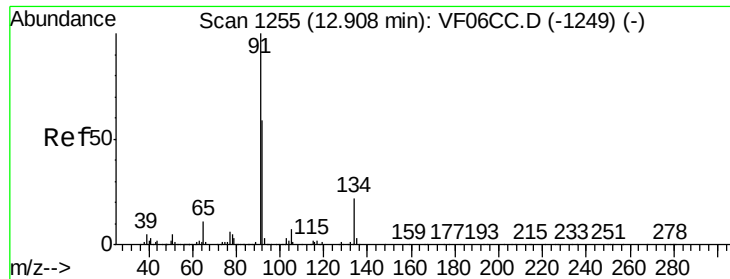
Tot Ion	Ratio	Lower	Upper
146	100		
111	48.3	19.6	58.8
148	78.2	34.2	102.5



#88
 1,4-Dichlorobenzene
 Concen: 59.269 ug/l
 RT: 12.53 min Scan# 1217
 Delta R.T. -0.10 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.3	20.3	60.9
148	78.2	34.0	101.8

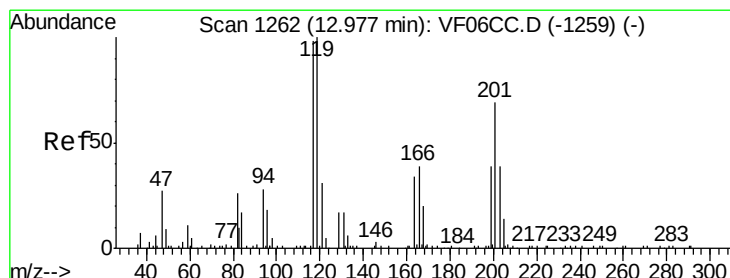
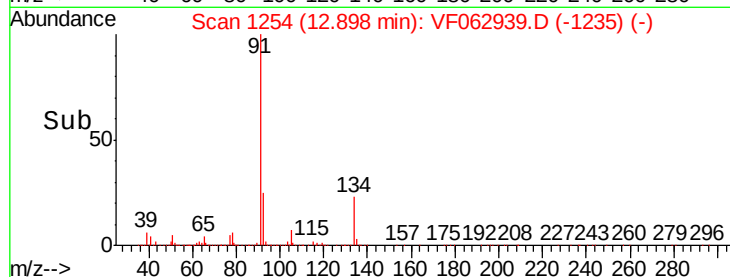
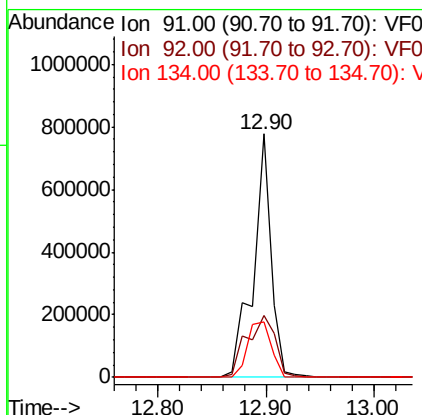
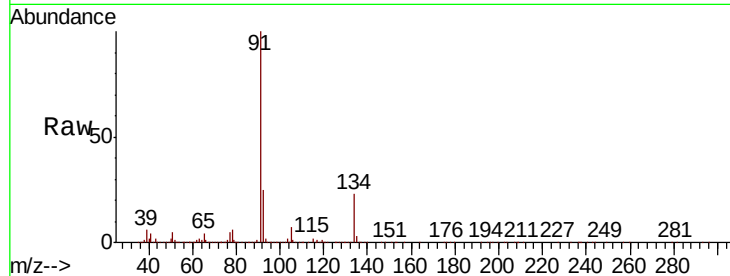




#89
n-Butylbenzene
Concen: 51.469 ug/l
RT: 12.90 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

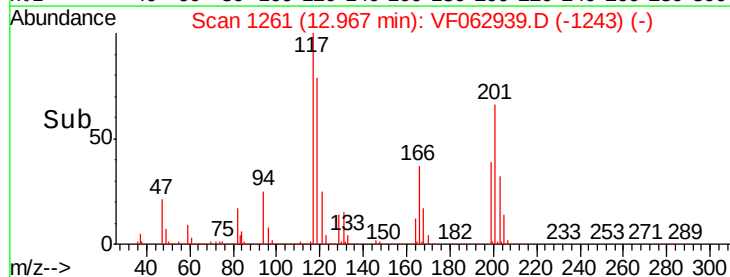
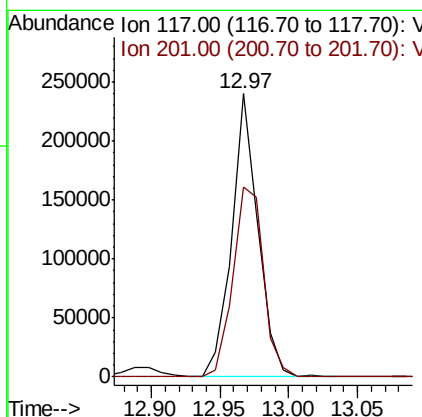
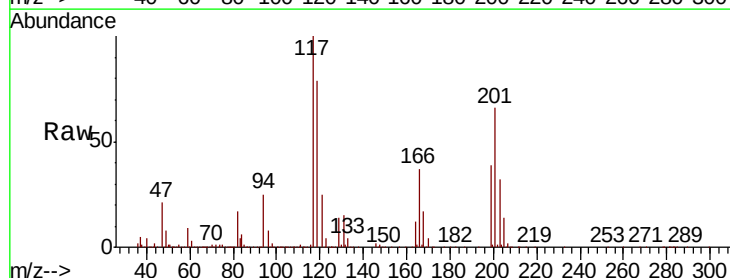
Instrument :
MSVOA_F
ClientSampled :

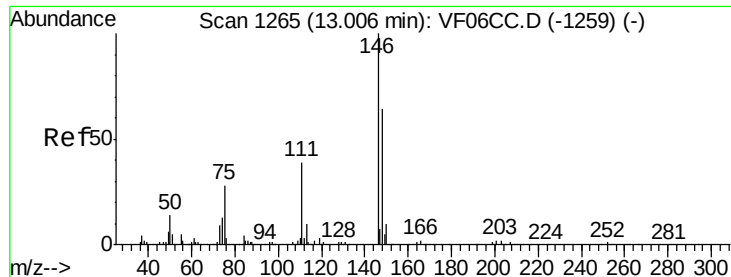
Tot Ion	Ratio	Lower	Upper
91	100		
92	25.3	34.2	102.6#
134	23.0	15.8	47.3



#90
Hexachloroethane
Concen: 74.505 ug/l
RT: 12.97 min Scan# 1261
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.0	38.9	116.7

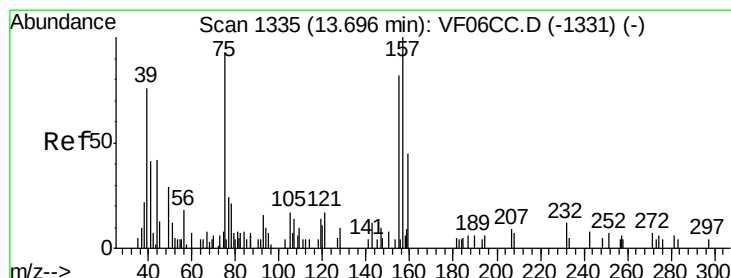
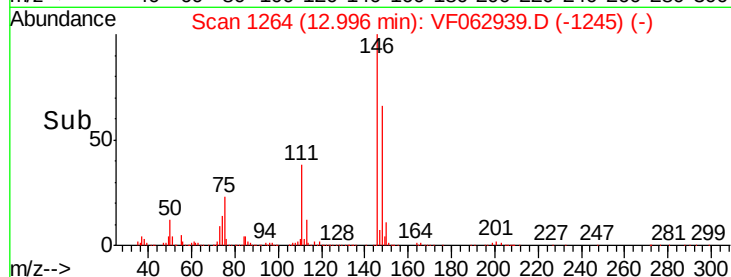
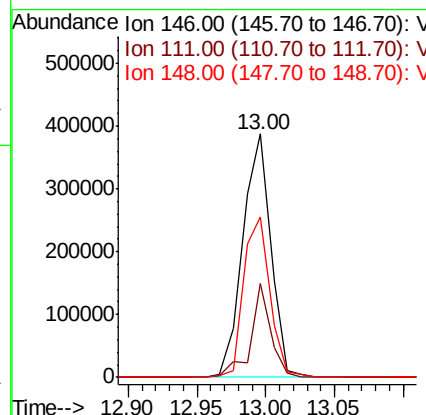
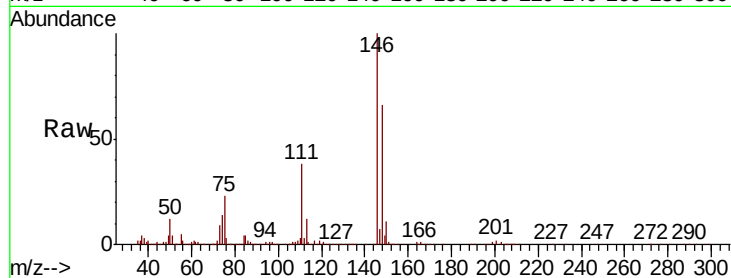




#91
 1,2-Dichlorobenzene
 Concen: 72.225 ug/l
 RT: 13.00 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

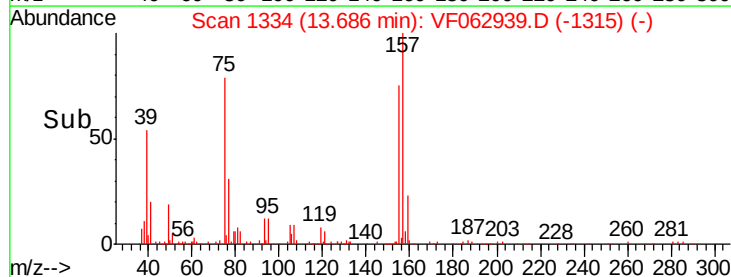
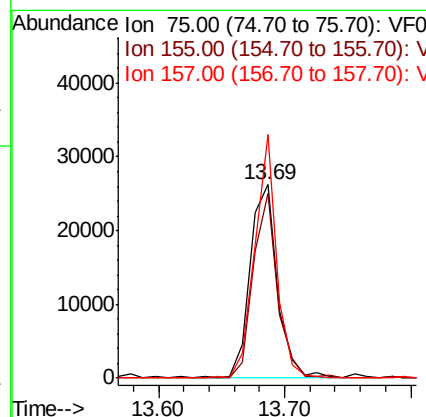
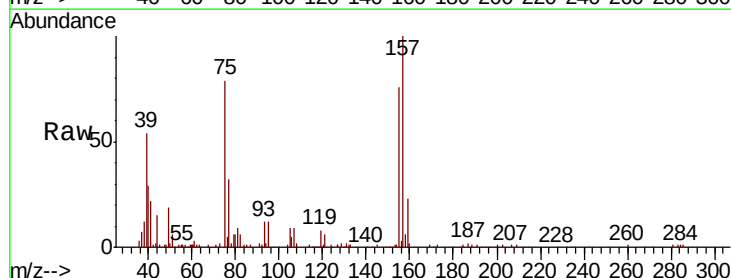
Instrument :
 MSVOA_F
 ClientSampled :

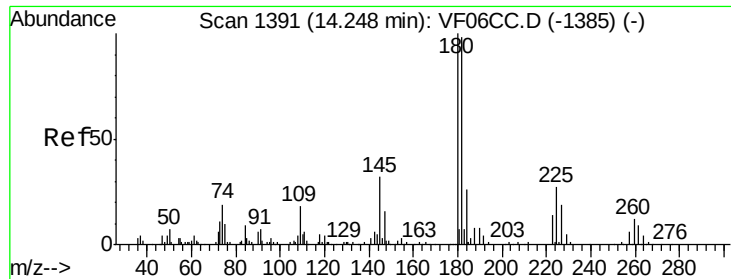
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.4	61.3
148	66.1	34.1	102.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 86.219 ug/l
 RT: 13.69 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.2	51.7	155.1
157	125.9	66.8	200.6

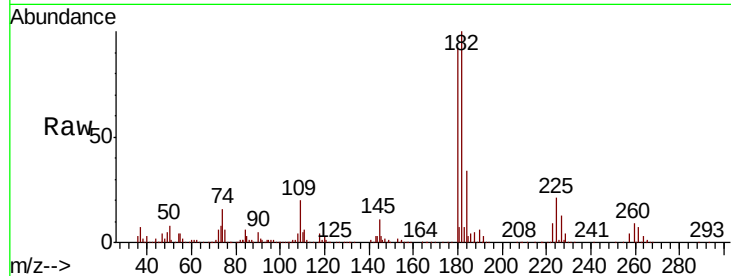




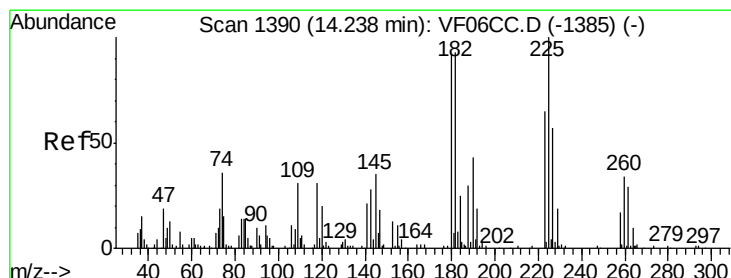
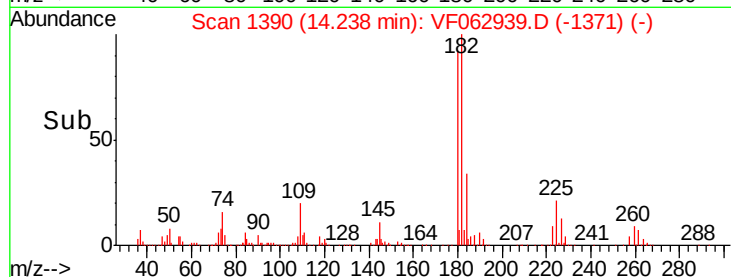
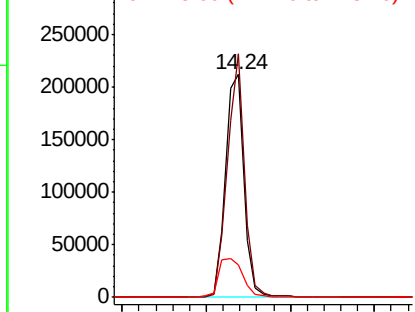
#93
 1,2,4-Trichlorobenzene
 Concen: 62.010 ug/l
 RT: 14.24 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

Instrument :
 MSVOA_F
 ClientSampleId :

Tot Ion:180 Resp: 325590
 Ion Ratio Lower Upper
 180 100
 182 109.2 50.3 150.9
 145 14.6 15.4 46.2#

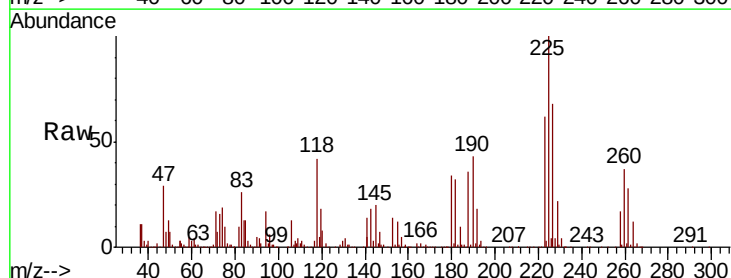


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

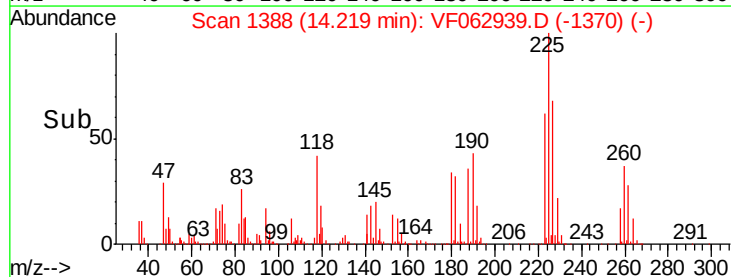
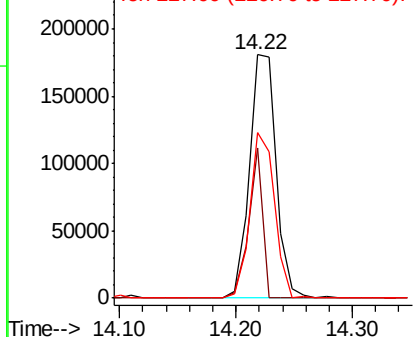


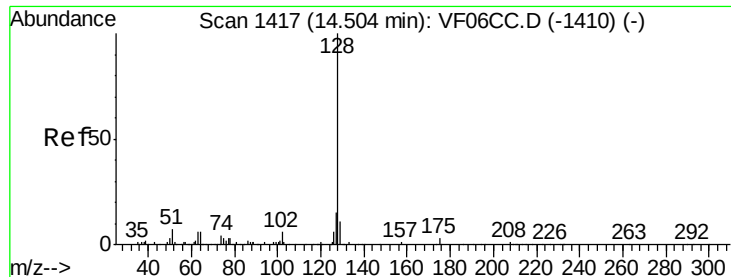
#94
 Hexachlorobutadiene
 Concen: 79.088 ug/l
 RT: 14.22 min Scan# 1388
 Delta R.T. -0.02 min
 Lab File: VF062939.D
 Acq: 12 Jun 2019 20:36

Tgt Ion:225 Resp: 287276
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.8 92.4
 227 68.0 31.9 95.5



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

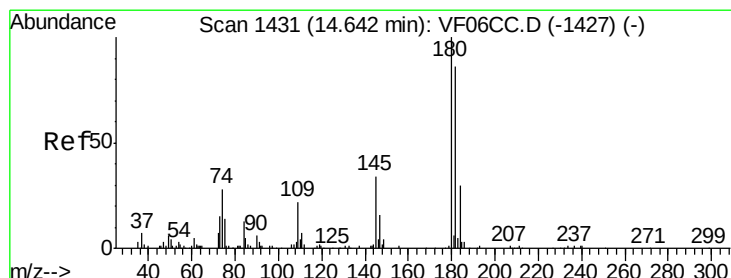
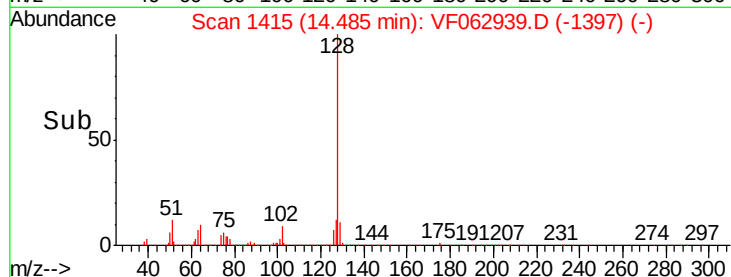
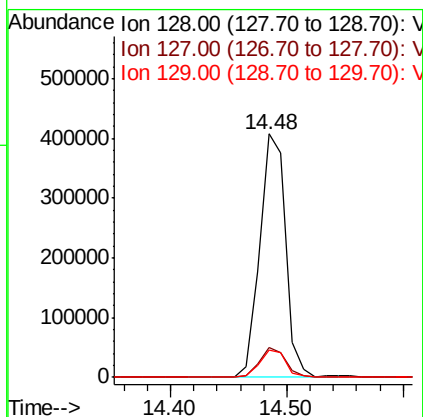
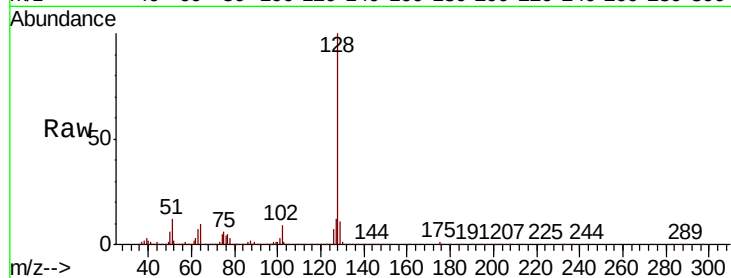




#95
Naphthalene
Concen: 72.546 ug/l
RT: 14.48 min Scan# 1415
Delta R.T. -0.02 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:128 Resp: 624037
Ion Ratio Lower Upper
128 100
127 12.1 9.7 14.5
129 11.0 9.4 14.2



#96
1,2,3-Trichlorobenzene
Concen: 76.998 ug/l
RT: 14.63 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VF062939.D
Acq: 12 Jun 2019 20:36

Tgt Ion:180 Resp: 369038
Ion Ratio Lower Upper
180 100
182 99.5 48.6 145.9
145 29.3 15.7 47.0

