

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\
 Data File : VF062236.D
 Acq On : 19 Apr 2019 21:01
 Operator : FY/SY
 Sample : VSTDCCC050EC
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 19 23:03:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 03:56:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	380467	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	539988	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	426884	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	226281	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.04	65	195685	56.09	ug/l	0.03
Spiked Amount			Recovery	=	112.18%	
35) Dibromofluoromethane	4.32	113	258001	54.62	ug/l	0.02
Spiked Amount			Recovery	=	109.24%	
50) Toluene-d8	7.72	98	654663	54.75	ug/l	0.02
Spiked Amount			Recovery	=	109.50%	
62) 4-Bromofluorobenzene	11.50	95	258765	56.26	ug/l	0.02
Spiked Amount			Recovery	=	112.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.00	85	277981	48.078	ug/l	99
3) Chloromethane	1.16	50	262686	43.956	ug/l	97
4) Vinyl Chloride	1.20	62	241725	47.080	ug/l	96
5) Bromomethane	1.41	94	151915	50.933	ug/l	96
6) Chloroethane	1.45	64	107454	50.062	ug/l	93
7) Trichlorofluoromethane	1.57	101	340553	52.210	ug/l	90
8) Diethyl Ether	1.71	74	63676	46.905	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	1.92	101	221150	49.630	ug/l	99
10) Methyl Iodide	1.99	142	398893	50.390	ug/l #	88
11) Tert butyl alcohol	2.72	59	60839	250.880	ug/l #	94
12) 1,1-Dichloroethene	1.88	96	207789	49.027	ug/l	98
13) Acrolein	2.11	56	30004	283.181	ug/l	97
14) Allyl chloride	2.21	41	218429	44.908	ug/l	95
15) Acrylonitrile	3.10	53	176544	239.023	ug/l	98
16) Acetone	2.36	43	189625	227.399	ug/l	96
17) Carbon Disulfide	1.93	76	559943	47.545	ug/l	97
18) Methyl Acetate	2.47	43	92126	51.455	ug/l	94
19) Methyl tert-butyl Ether	2.56	73	396156	52.941	ug/l	98
20) Methylene Chloride	2.34	84	151063	35.007	ug/l	96
21) trans-1,2-Dichloroethene	2.43	96	200912	47.936	ug/l	100
22) Diisopropyl ether	2.95	45	623180	50.087	ug/l	98
23) Vinyl Acetate	3.36	43	1474298	248.704	ug/l	99
24) 1,1-Dichloroethane	3.02	63	347730	51.091	ug/l	97
25) 2-Butanone	4.54	43	379533	227.621	ug/l	95
26) 2,2-Dichloropropane	3.79	77	159485	46.413	ug/l	99
27) cis-1,2-Dichloroethene	3.66	96	271907	50.097	ug/l	98
28) Bromochloromethane	3.91	49	159184	48.824	ug/l #	91
29) Tetrahydrofuran	4.29	42	168116	222.753	ug/l	98
30) Chloroform	4.06	83	444839	53.181	ug/l	99
31) Cyclohexane	3.89	56	358717	43.980	ug/l	99
32) 1,1,1-Trichloroethane	4.30	97	330646	54.003	ug/l #	87
36) 1,1-Dichloropropene	4.48	75	328743	50.778	ug/l	99
37) Ethyl Acetate	4.33	43	145158	47.514	ug/l #	96
38) Carbon Tetrachloride	4.20	117	393737	68.709	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.65	83	365357	47.133	ug/l	99
40) Benzene	4.84	78	843837	49.692	ug/l	99
41) Methacrylonitrile	4.95	41	80955	45.939	ug/l #	88
42) 1,2-Dichloroethane	5.14	62	241851	53.873	ug/l	96
43) Isopropyl Acetate	7.12	43	166034	51.673	ug/l #	99
44) Trichloroethene	5.70	130	244552	53.294	ug/l	99
45) 1,2-Dichloropropane	6.42	63	186229	49.786	ug/l	98
46) Dibromomethane	6.27	93	127610	51.276	ug/l	91
47) Bromodichloromethane	6.55	83	324005	57.693	ug/l	97
48) Methyl methacrylate	6.89	41	108422	51.345	ug/l	97
49) 1,4-Dioxane	6.89	88	24959	1030.635	ug/l	96
51) 4-Methyl-2-Pentanone	8.42	43	568680	237.953	ug/l	98
52) Toluene	7.79	92	468910	52.385	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	216994	51.443	ug/l	96
54) cis-1,3-Dichloropropene	7.47	75	288219	50.514	ug/l	99
55) 1,1,2-Trichloroethane	8.64	97	139617	55.677	ug/l	94
56) Ethyl methacrylate	8.76	69	148279	52.009	ug/l	97
57) 1,3-Dichloropropane	9.01	76	214617	53.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.46	63	215234	260.021	ug/l	96
59) 2-Hexanone	9.63	43	382794	256.848	ug/l	95
60) Dibromochloromethane	8.87	129	212136	56.883	ug/l	98
61) 1,2-Dibromoethane	9.15	107	153536	54.346	ug/l	99
64) Tetrachloroethene	8.32	164	212030	55.022	ug/l	98
65) Chlorobenzene	9.94	112	489712	53.800	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.07	131	224775	52.732	ug/l	98
67) Ethyl Benzene	10.04	91	804140	48.584	ug/l	99
68) m/p-Xylenes	10.27	106	627063	102.914	ug/l	97
69) o-Xylene	10.83	106	351431	51.949	ug/l	97
70) Styrene	10.90	104	520530	54.524	ug/l	99
71) Bromoform	10.89	173	131155	58.276	ug/l #	99
73) Isopropylbenzene	11.23	105	989230	50.892	ug/l	99
74) N-amyl acetate	11.45	43	246060	53.508	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.78	83	169899	50.825	ug/l	98
76) 1,2,3-Trichloropropane	11.95	75	66277	28.818	ug/l	83
77) Bromobenzene	11.59	156	244264	58.662	ug/l	90
78) n-propylbenzene	11.68	91	1003888	48.958	ug/l	99
79) 2-Chlorotoluene	11.81	91	636554	51.177	ug/l	96
80) 1,3,5-Trimethylbenzene	11.91	105	828379	51.169	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.95	75	66595	56.777	ug/l #	88
82) 4-Chlorotoluene	11.98	91	604924	50.323	ug/l	96
83) tert-Butylbenzene	12.20	119	865047	51.670	ug/l	99
84) 1,2,4-Trimethylbenzene	12.28	105	785332	50.129	ug/l	99
85) sec-Butylbenzene	12.38	105	1090112	50.154	ug/l	98
86) p-Isopropyltoluene	12.53	119	939328	50.947	ug/l	99
87) 1,3-Dichlorobenzene	12.55	146	413305	53.489	ug/l	98
88) 1,4-Dichlorobenzene	12.64	146	391199	52.488	ug/l	99
89) n-Butylbenzene	12.90	91	829140	55.224	ug/l	99
90) Hexachloroethane	12.98	117	250628	52.936	ug/l	91
91) 1,2-Dichlorobenzene	13.01	146	399861	53.593	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.70	75	32851	50.019	ug/l	88

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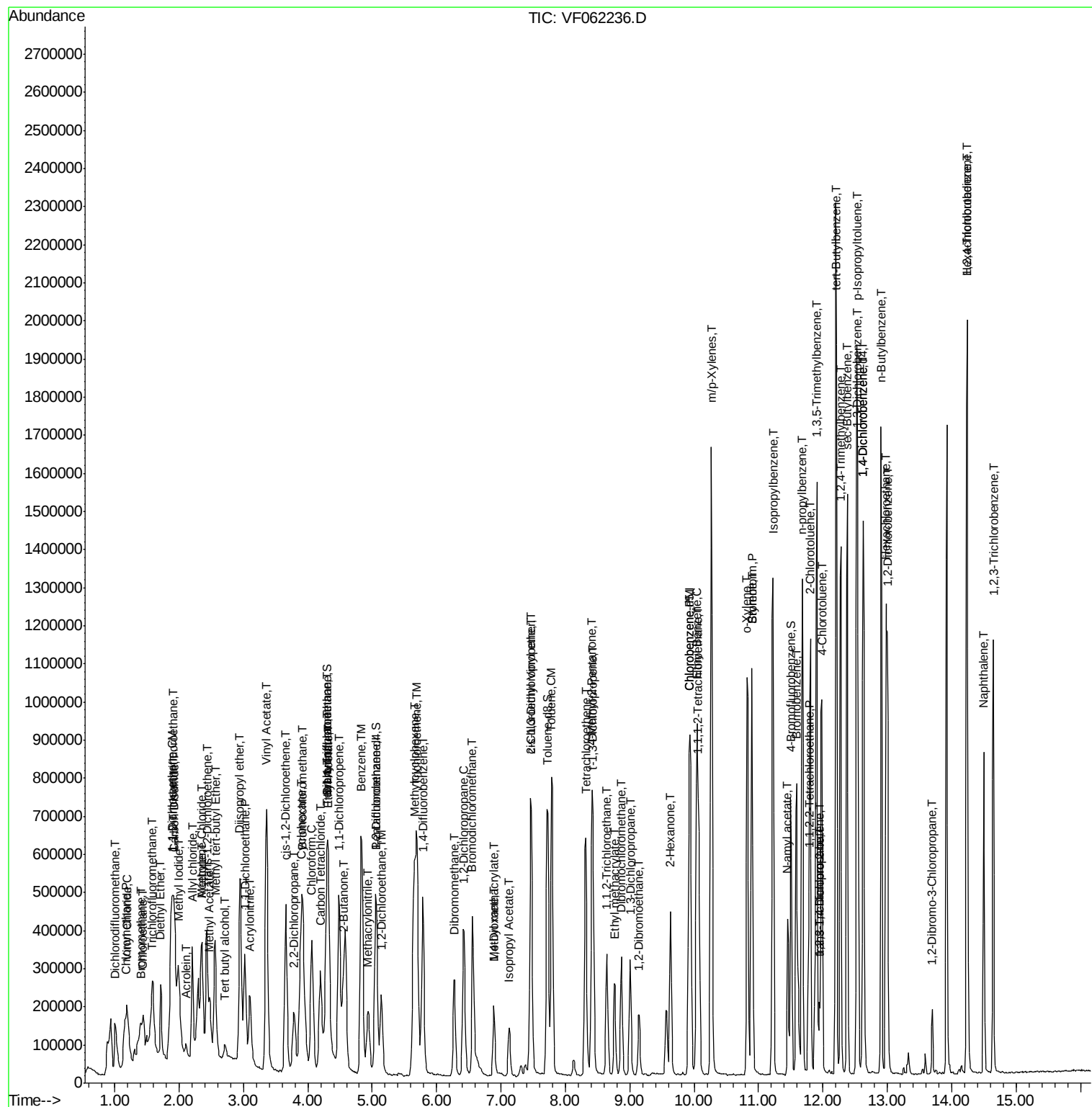
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.24	180	335334	53.717	ug/l	99
94) Hexachlorobutadiene	14.23	225	241532	56.426	ug/l	99
95) Naphthalene	14.50	128	605514	55.474	ug/l	100
96) 1,2,3-Trichlorobenzene	14.65	180	332778	55.527	ug/l	96

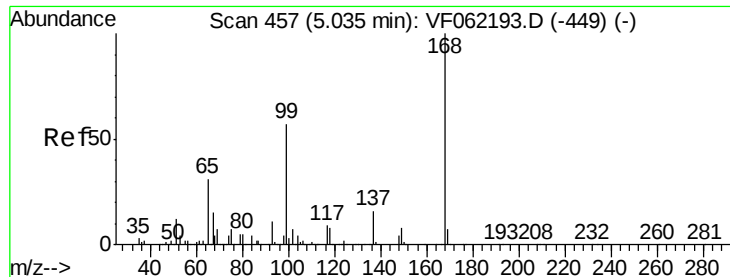
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

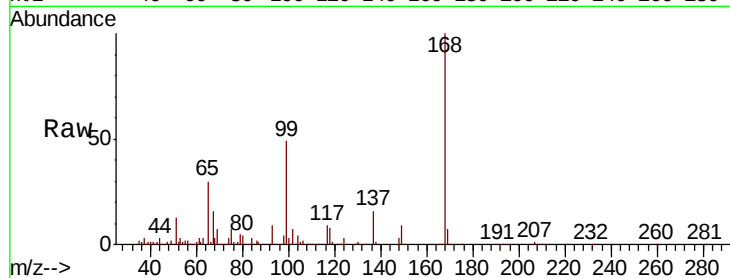
VSTDCCC050EC

Tot Ion:168 Resp: 380467

Ion Ratio Lower Upper

168 100

99 49.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

150000

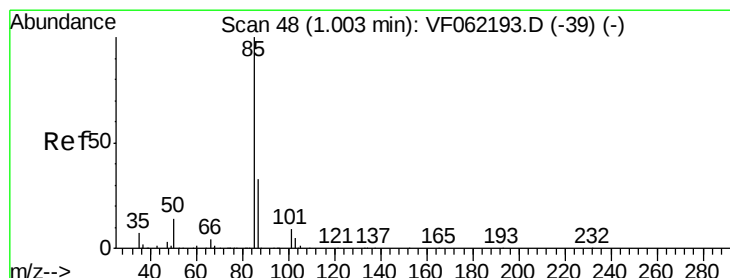
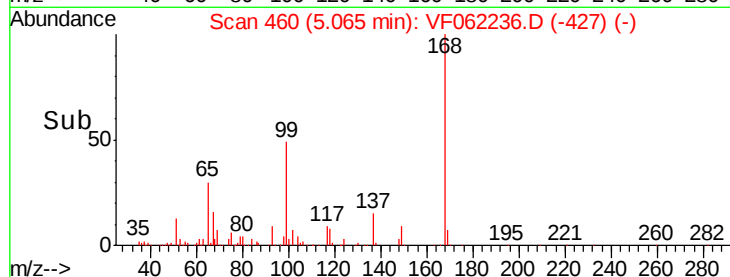
100000

50000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#2

Dichlorodifluoromethane

Concen: 48.078 ug/l

RT: 1.00 min Scan# 48

Delta R.T. 0.00 min

Lab File: VF062236.D

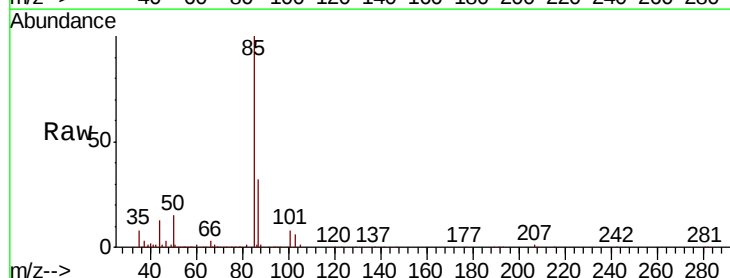
Acq: 19 Apr 2019 21:01

Tgt Ion: 85 Resp: 277981

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

1.00

80000

60000

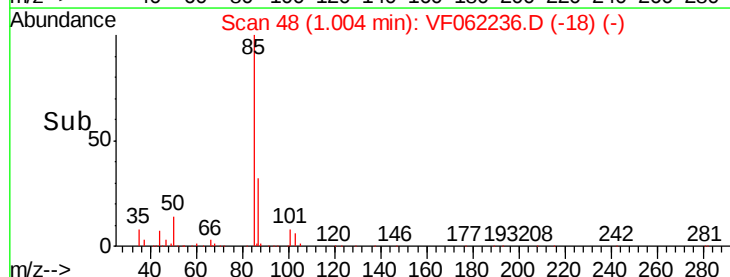
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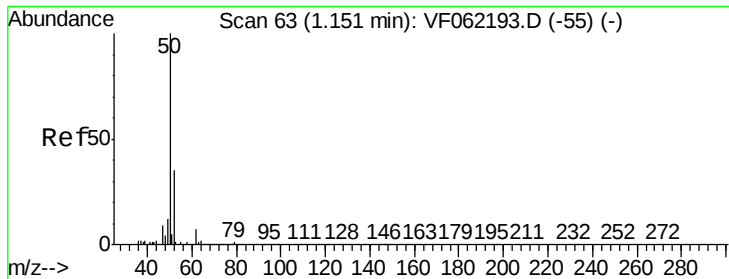
20000

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Time-->

0.80 1.00 1.20





#3

Chloromethane

Concen: 43.956 ug/l

RT: 1.16 min Scan# 64

Delta R.T. 0.01 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

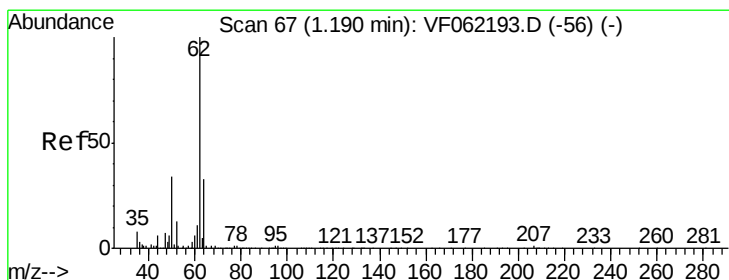
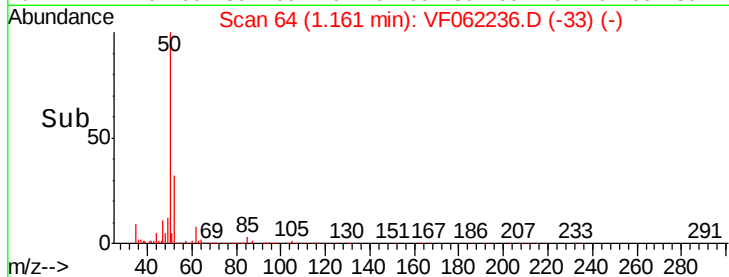
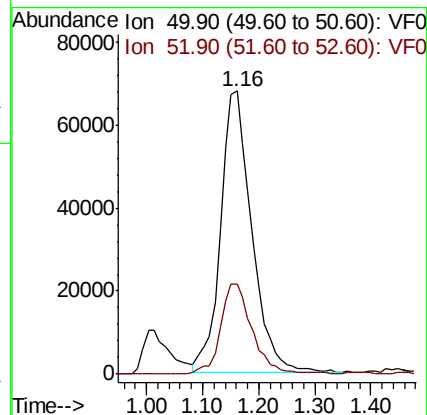
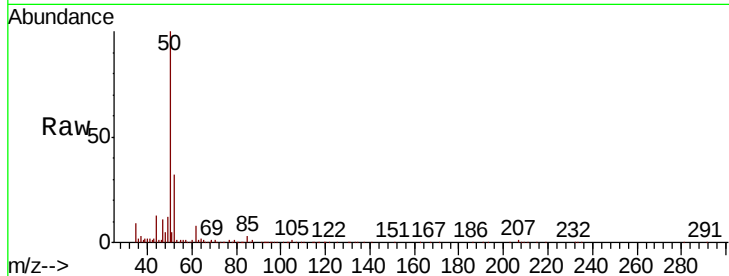
VSTDCCC050EC

Tot Ion: 50 Resp: 262686

Ion Ratio Lower Upper

50 100

52 31.9 27.0 40.4



#4

Vinyl Chloride

Concen: 47.080 ug/l

RT: 1.20 min Scan# 68

Delta R.T. 0.01 min

Lab File: VF062236.D

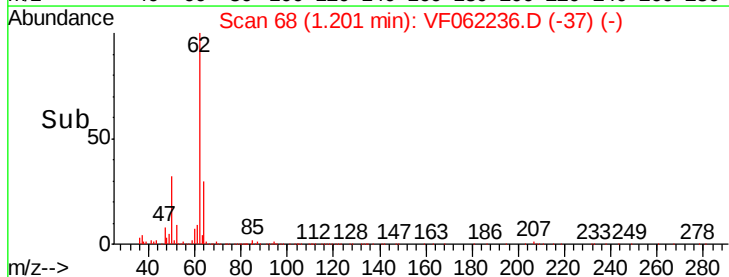
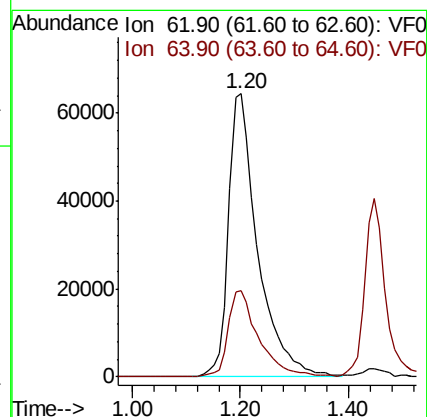
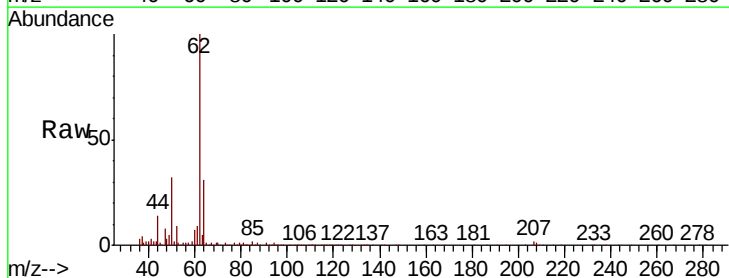
Acq: 19 Apr 2019 21:01

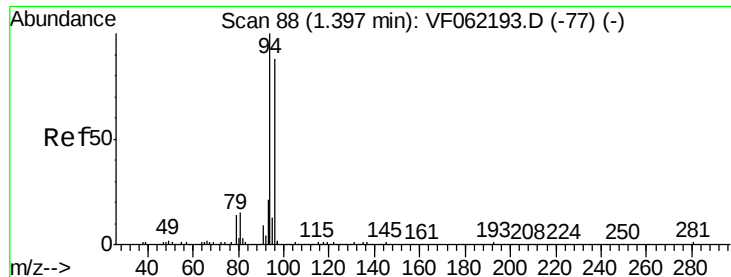
Tgt Ion: 62 Resp: 241725

Ion Ratio Lower Upper

62 100

64 30.5 26.2 39.4





#5

Bromomethane

Concen: 50.933 ug/l

RT: 1.41 min Scan# 89

Delta R.T. 0.01 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

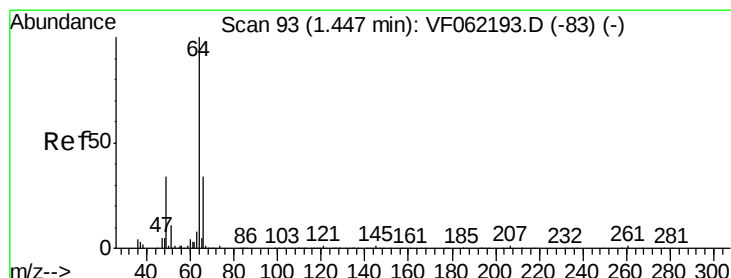
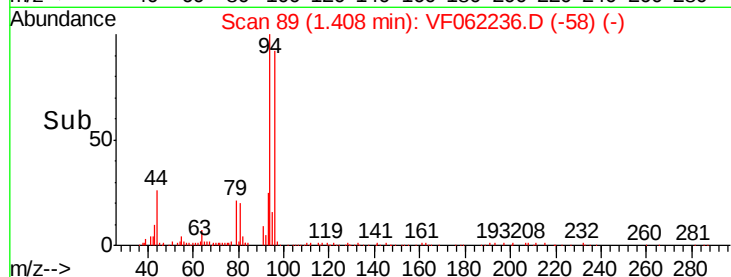
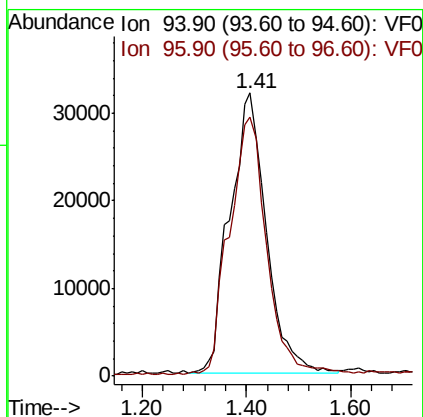
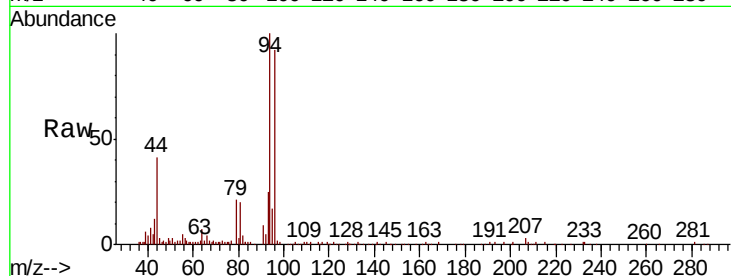
VSTDCCC050EC

Tot Ion: 94 Resp: 151915

Ion Ratio Lower Upper

94 100

96 91.6 70.2 105.4



#6

Chloroethane

Concen: 50.062 ug/l

RT: 1.45 min Scan# 93

Delta R.T. 0.00 min

Lab File: VF062236.D

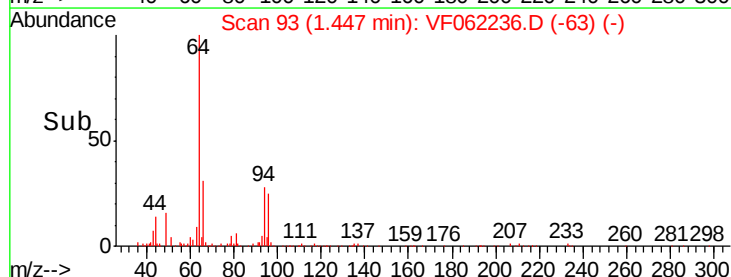
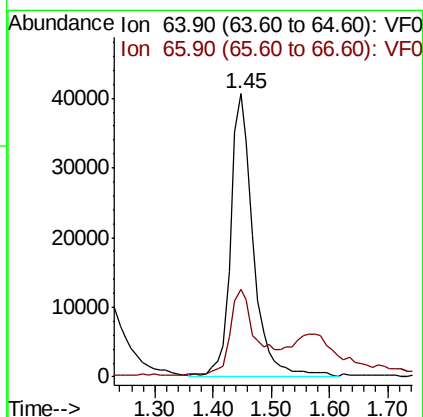
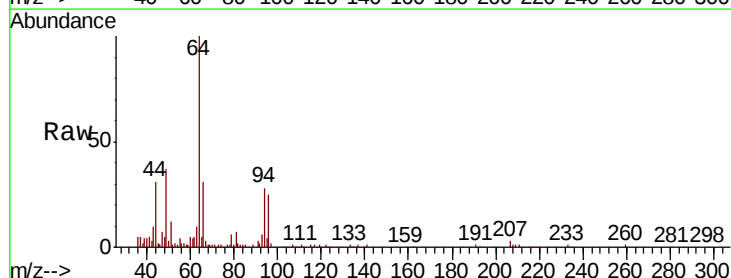
Acq: 19 Apr 2019 21:01

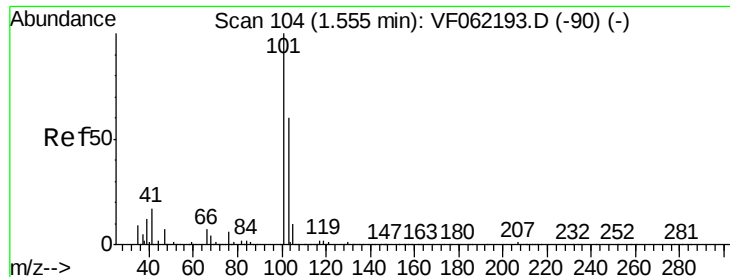
Tgt Ion: 64 Resp: 107454

Ion Ratio Lower Upper

64 100

66 30.0 27.0 40.4



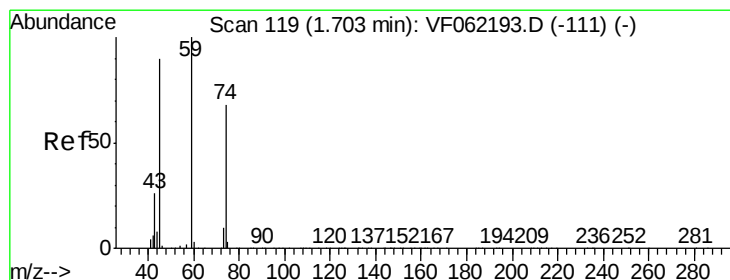
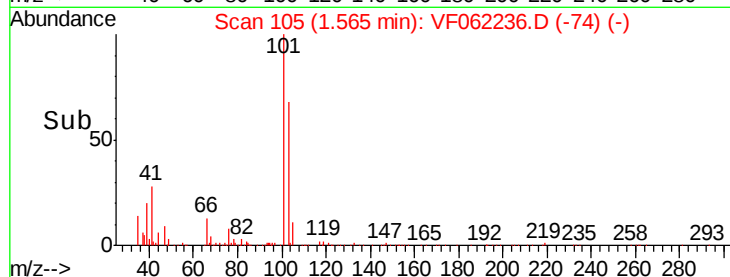
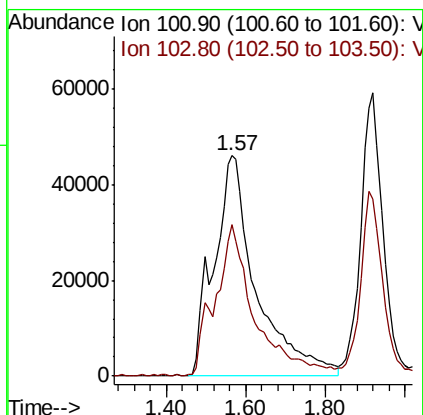
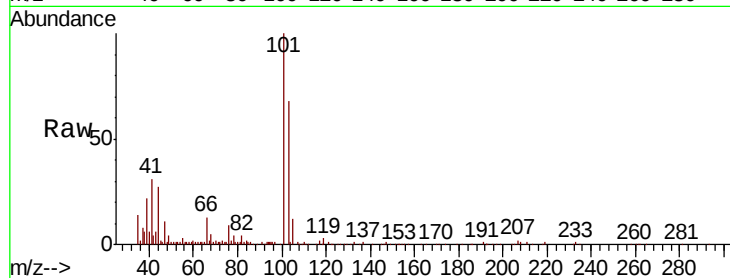


#7

Trichlorofluoromethane
 Concen: 52.210 ug/l
 RT: 1.57 min Scan# 105
 Delta R.T. 0.01 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

Instrument :
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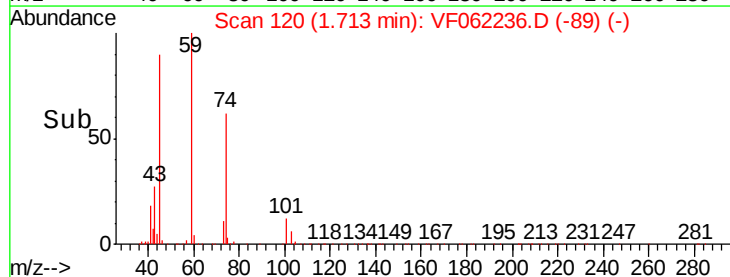
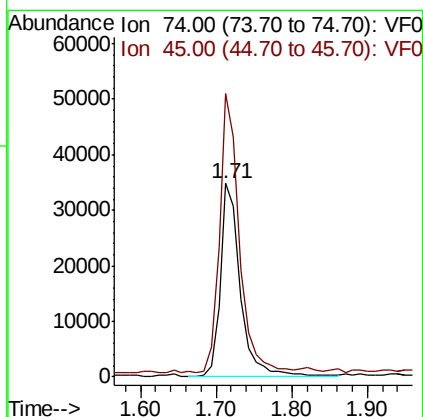
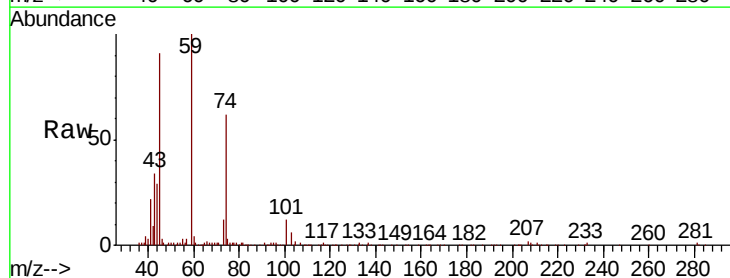
Tot Ion:101 Resp: 340553
 Ion Ratio Lower Upper
 101 100
 103 67.8 48.2 72.4

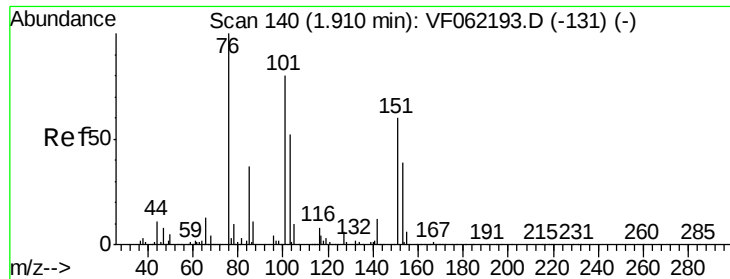


#8

Diethyl Ether
 Concen: 46.905 ug/l
 RT: 1.71 min Scan# 120
 Delta R.T. 0.01 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

Tgt Ion: 74 Resp: 63676
 Ion Ratio Lower Upper
 74 100
 45 143.1 70.0 210.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.630 ug/l

RT: 1.92 min Scan# 141

Delta R.T. 0.01 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

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VSTDCCC050EC

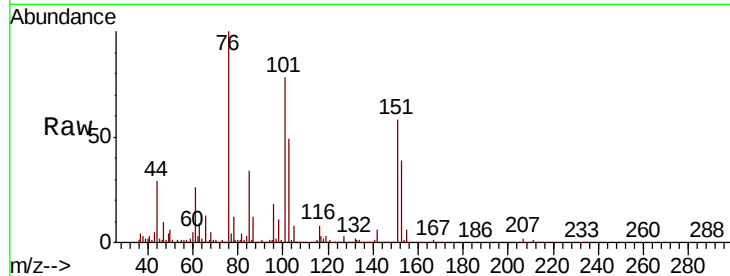
Tot Ion:101 Resp: 221150

Ion Ratio Lower Upper

101 100

85 43.3 35.3 52.9

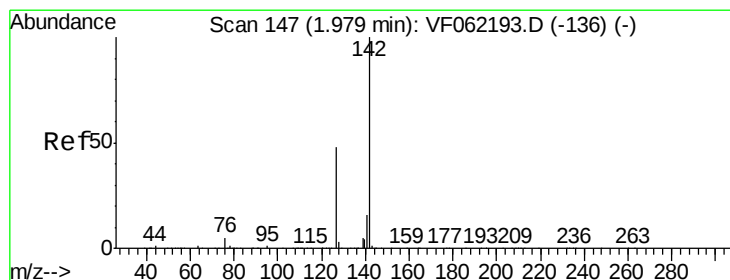
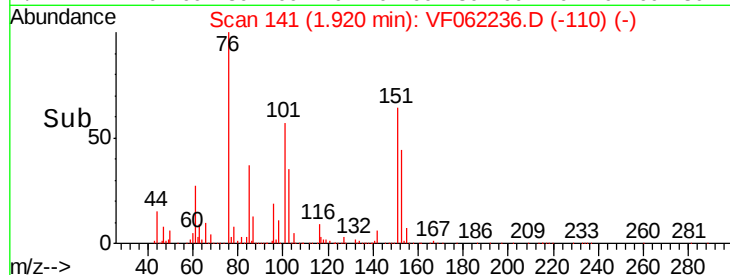
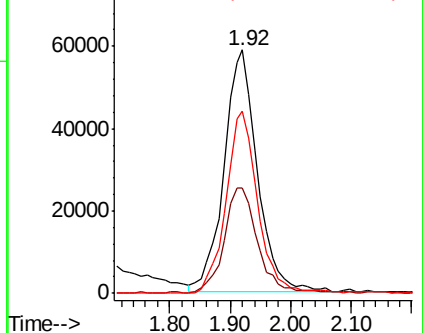
151 72.3 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VF0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.390 ug/l

RT: 1.99 min Scan# 148

Delta R.T. 0.01 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

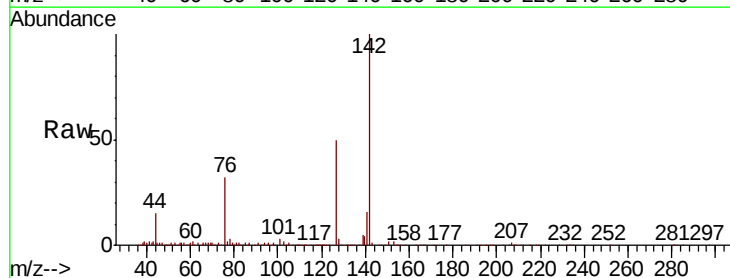
Tgt Ion:142 Resp: 398893

Ion Ratio Lower Upper

142 100

127 51.0 33.0 49.4#

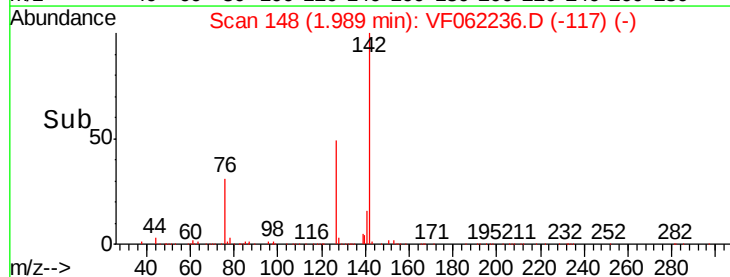
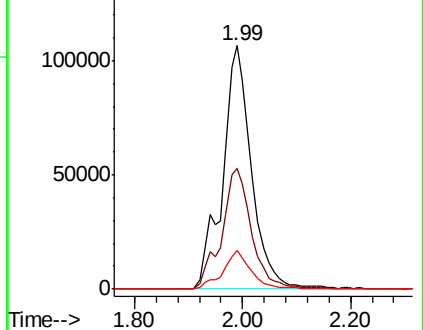
141 15.4 12.7 19.1

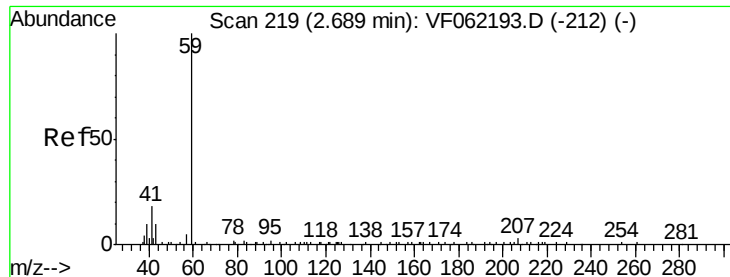


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



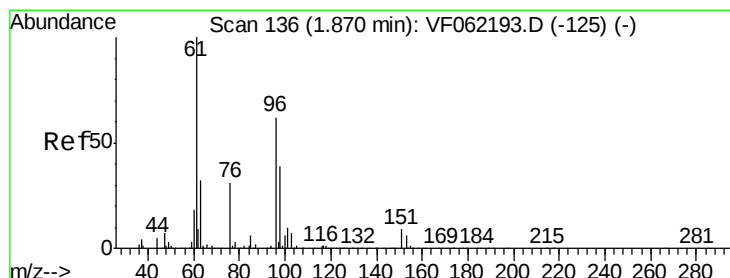
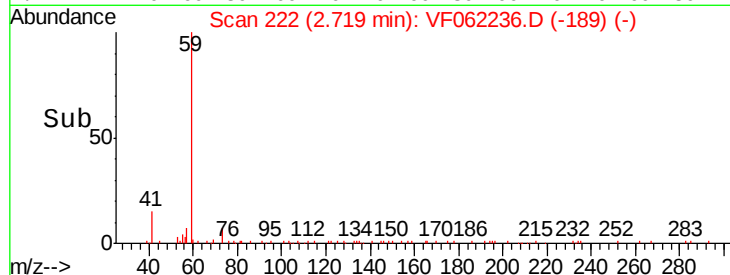
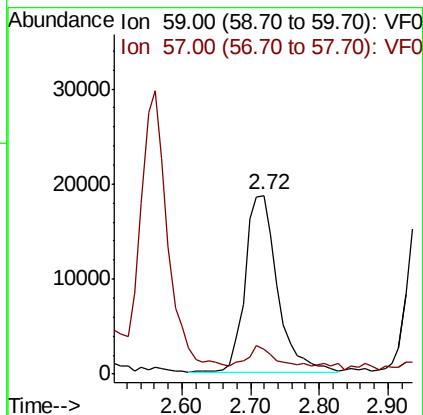
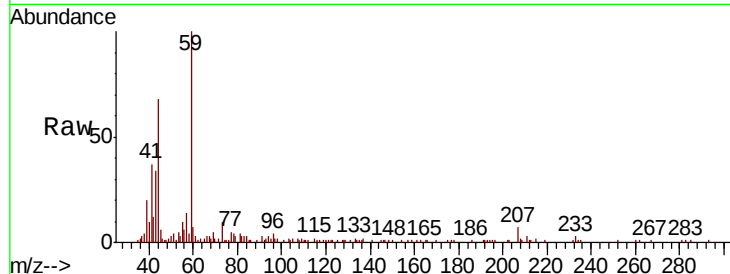


#11

Tert butyl alcohol
Concen: 250.880 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.03 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

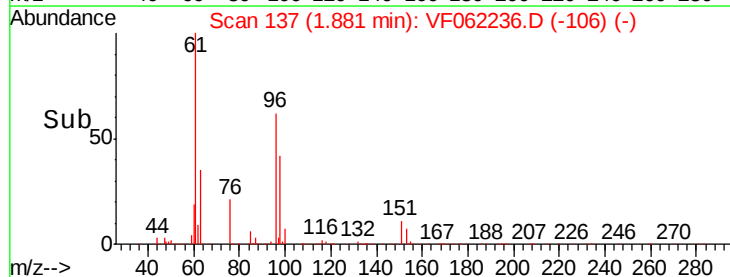
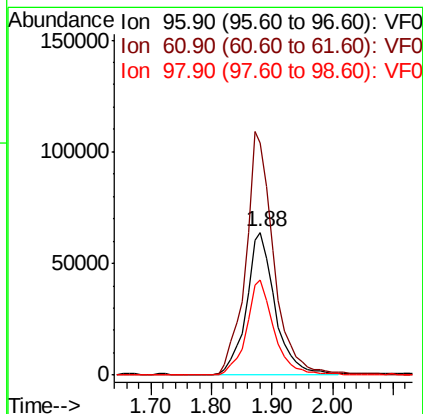
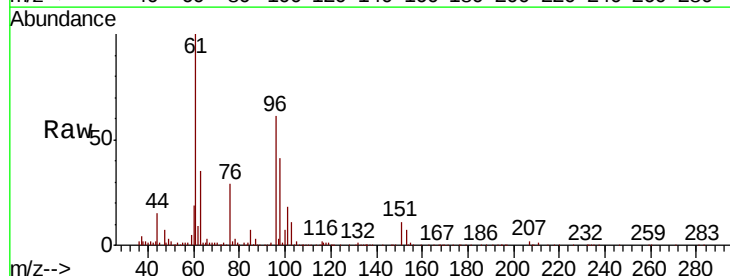
Tot Ion: 59 Resp: 60839
Ion Ratio Lower Upper
59 100
57 9.1 9.3 13.9#

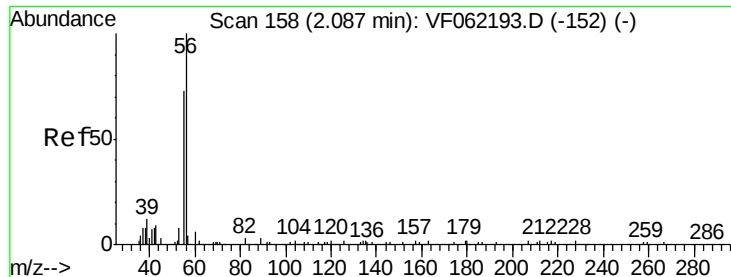


#12

1,1-Dichloroethene
Concen: 49.027 ug/l
RT: 1.88 min Scan# 137
Delta R.T. 0.01 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

Tgt Ion: 96 Resp: 207789
Ion Ratio Lower Upper
96 100
61 163.1 129.1 193.7
98 66.5 50.0 75.0





#13

Acrolein

Concen: 283.181 ug/l

RT: 2.11 min Scan# 160

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

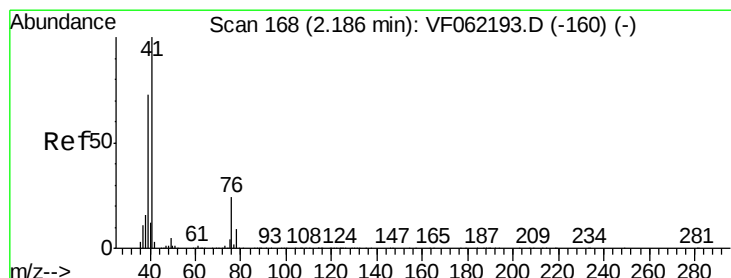
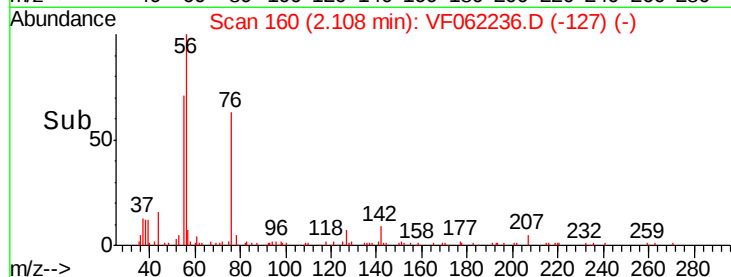
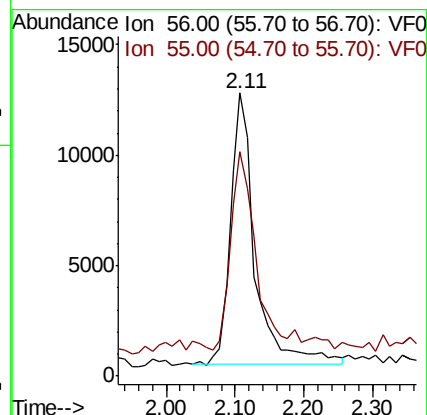
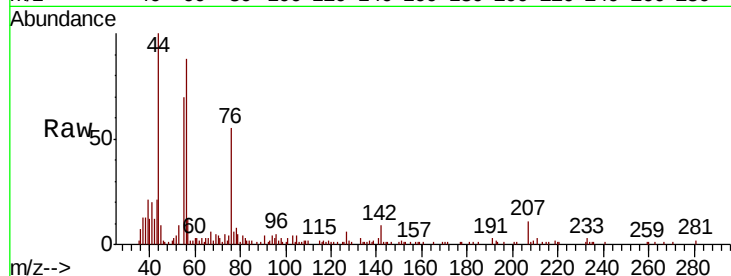
VSTDCCC050EC

Tot Ion: 56 Resp: 30004

Ion Ratio Lower Upper

56 100

55 73.8 57.4 86.0



#14

Allyl chloride

Concen: 44.908 ug/l

RT: 2.21 min Scan# 170

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

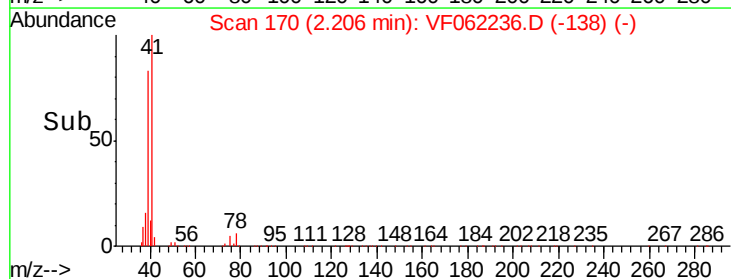
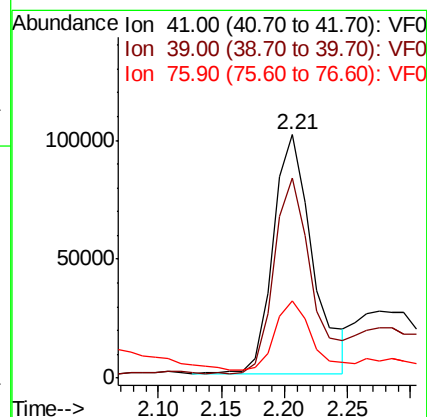
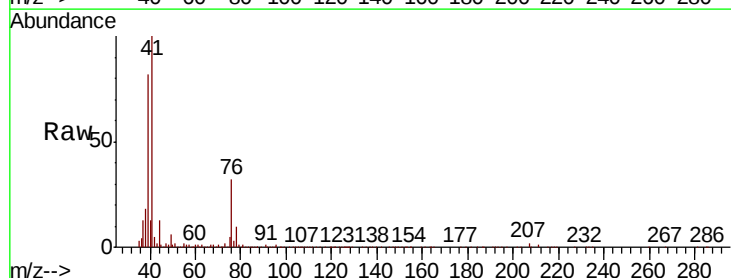
Tgt Ion: 41 Resp: 218429

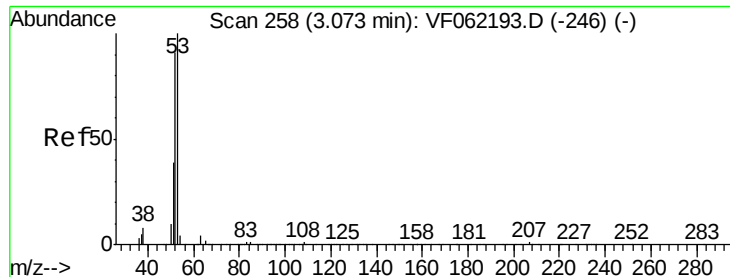
Ion Ratio Lower Upper

41 100

39 79.6 60.0 90.0

76 28.0 20.6 30.8





#15

Acrylonitrile

Concen: 239.023 ug/l

RT: 3.10 min Scan# 261

Delta R.T. 0.03 min

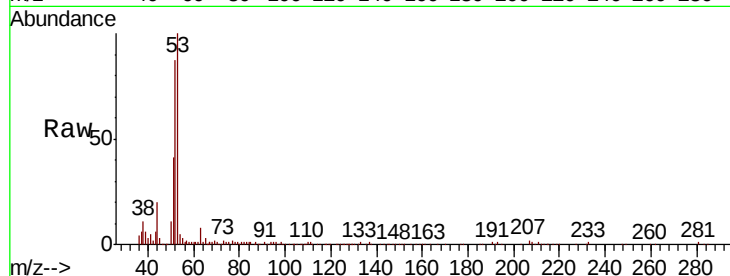
Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion: 53 Resp: 176544

Ion	Ratio	Lower	Upper
53	100		
52	88.2	69.5	104.3
51	42.3	31.8	47.8

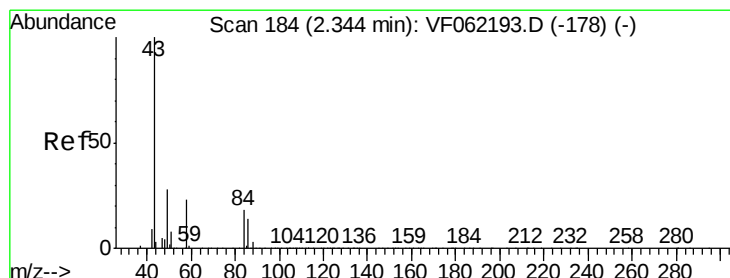
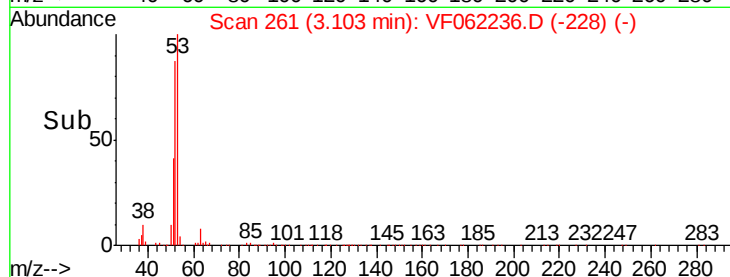
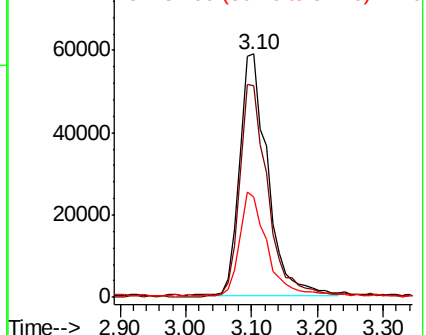


Abundance

Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 227.399 ug/l

RT: 2.36 min Scan# 186

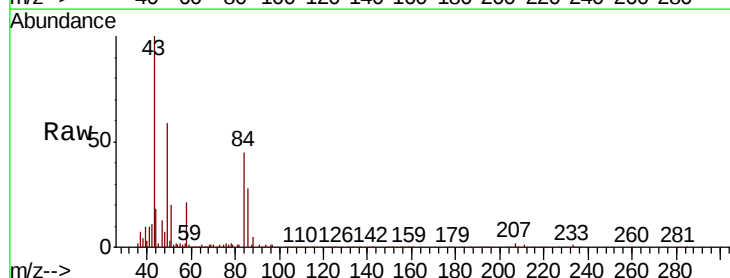
Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Tgt Ion: 43 Resp: 189625

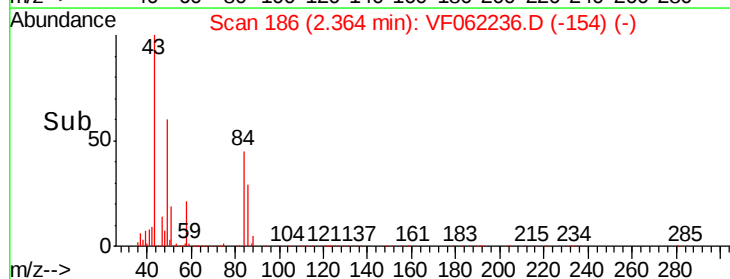
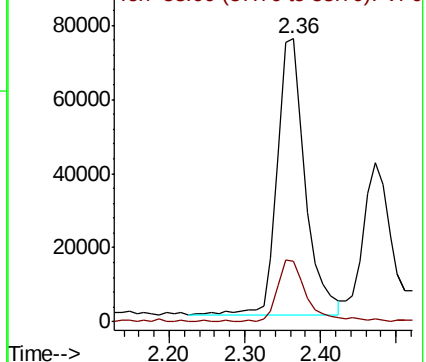
Ion	Ratio	Lower	Upper
43	100		
58	21.7	18.8	28.2

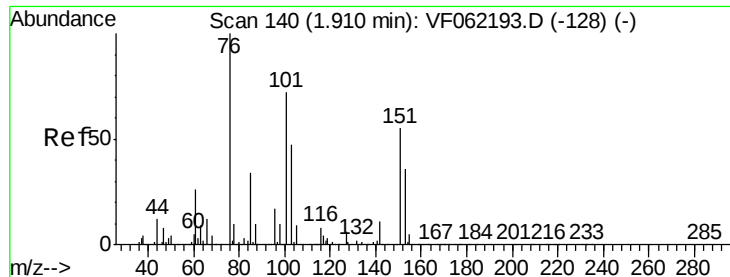


Abundance

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

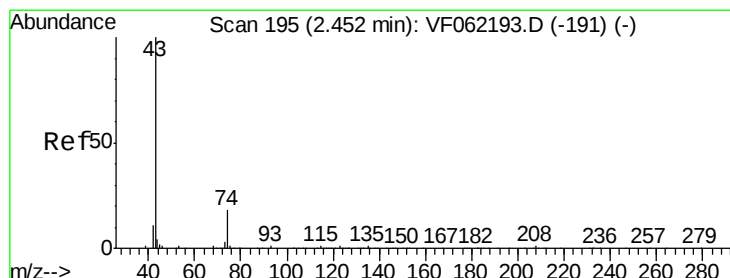
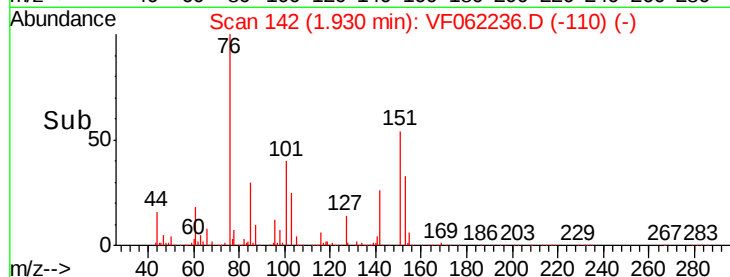
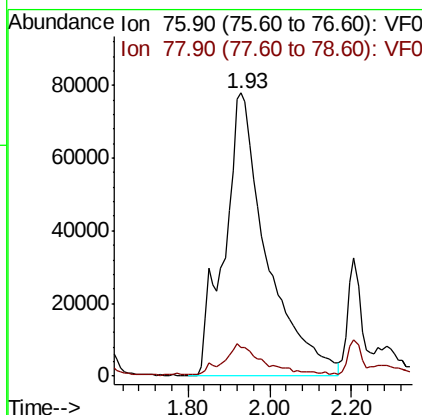
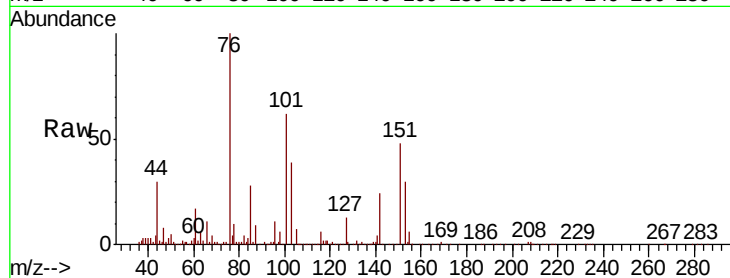




#17
Carbon Disulfide
Concen: 47.545 ug/l
RT: 1.93 min Scan# 142
Delta R.T. 0.02 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

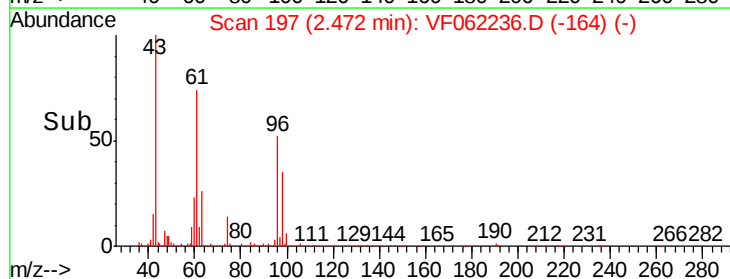
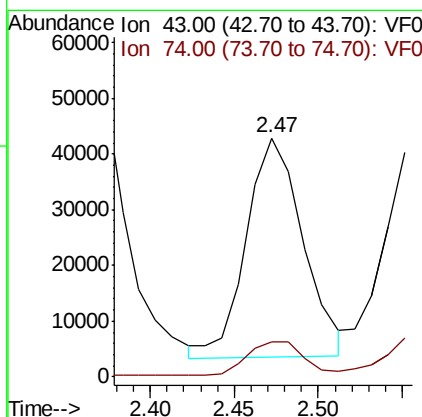
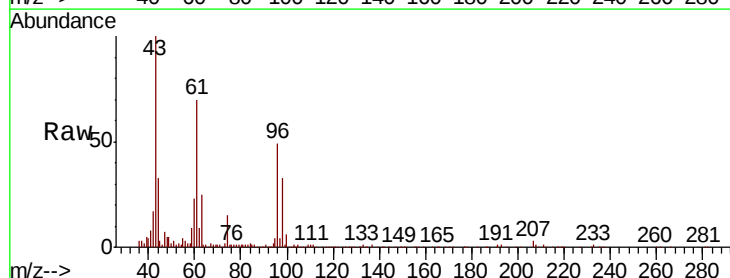
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

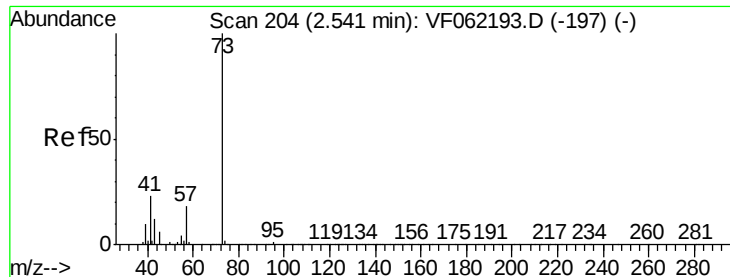
Tot Ion: 76 Resp: 559943
Ion Ratio Lower Upper
76 100
78 9.6 8.7 13.1



#18
Methyl Acetate
Concen: 51.455 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.02 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

Tgt Ion: 43 Resp: 92126
Ion Ratio Lower Upper
43 100
74 15.6 14.5 21.7



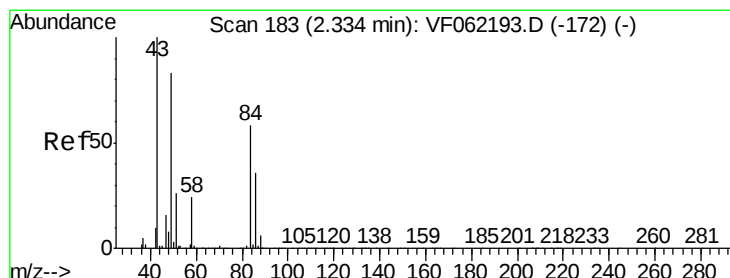
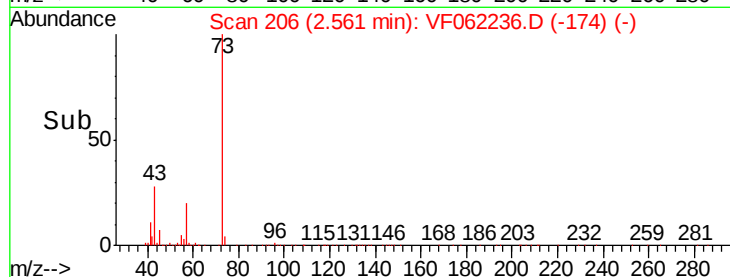
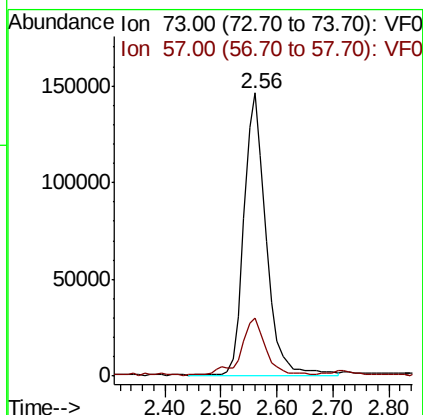
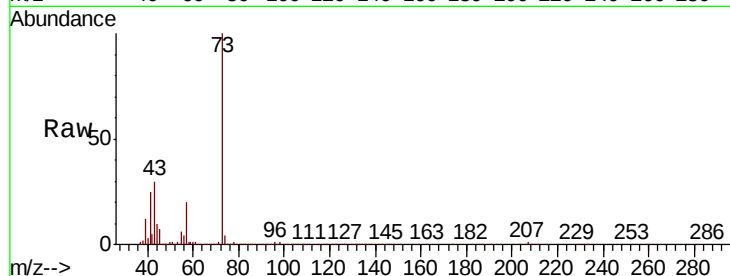


#19

Methyl tert-butyl Ether
 Concen: 52.941 ug/l
 RT: 2.56 min Scan# 206
 Delta R.T. 0.02 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

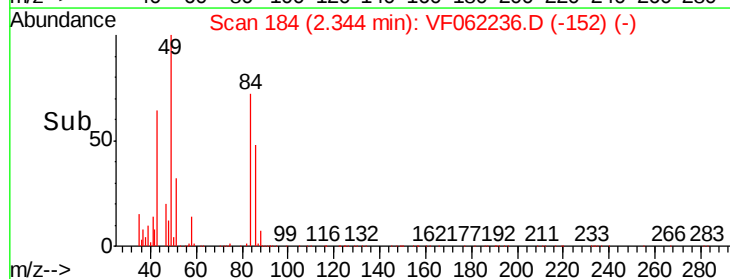
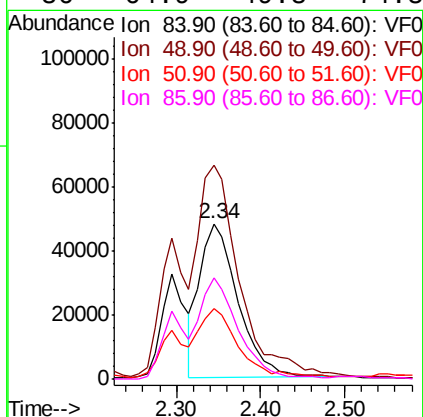
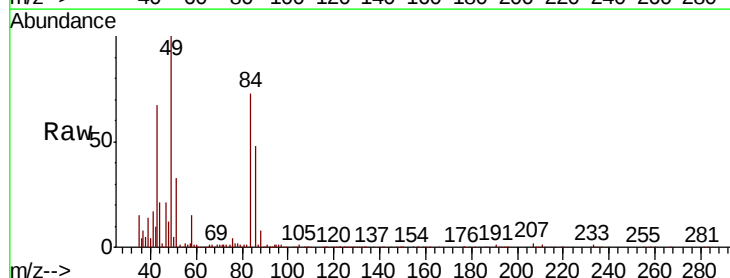
Tot Ion: 73 Resp: 396156
 Ion Ratio Lower Upper
 73 100
 57 19.9 15.1 22.7

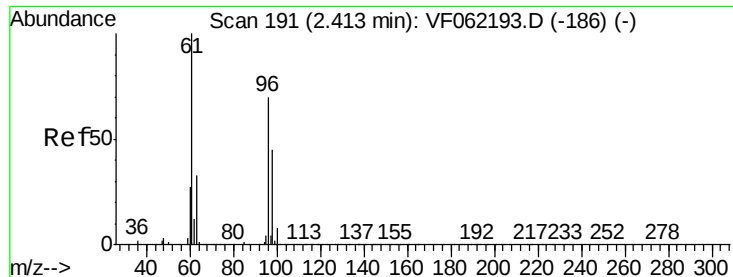


#20

Methylene Chloride
 Concen: 35.007 ug/l
 RT: 2.34 min Scan# 184
 Delta R.T. 0.01 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

Tgt Ion: 84 Resp: 151063
 Ion Ratio Lower Upper
 84 100
 49 136.5 114.0 171.0
 51 44.7 37.0 55.4
 86 64.9 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 47.936 ug/l

RT: 2.43 min Scan# 193

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

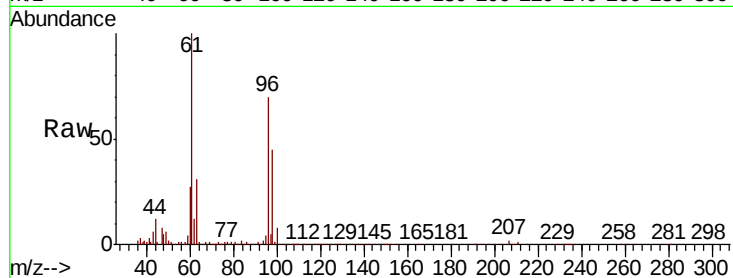
Tot Ion: 96 Resp: 200912

Ion Ratio Lower Upper

96 100

61 142.9 114.6 172.0

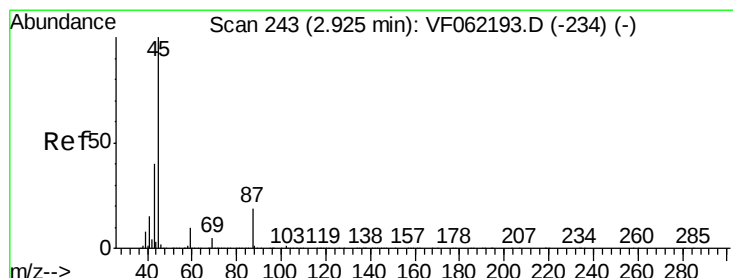
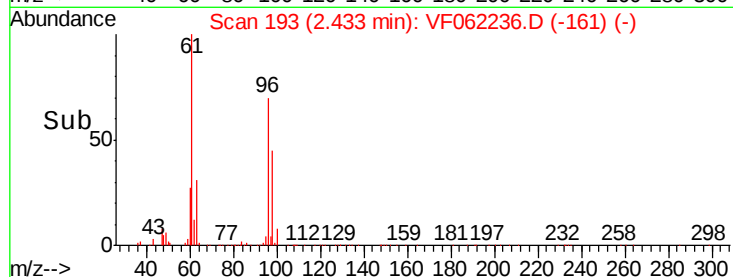
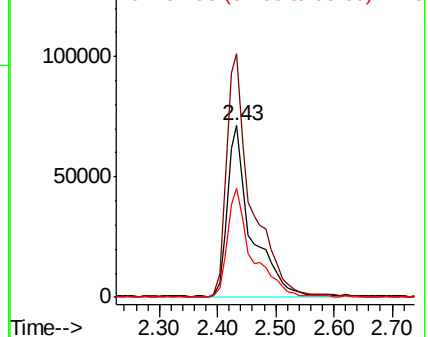
98 63.5 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 97.90 (97.60 to 98.60): VF0



#22

Diisopropyl ether

Concen: 50.087 ug/l

RT: 2.95 min Scan# 245

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Tgt Ion: 45 Resp: 623180

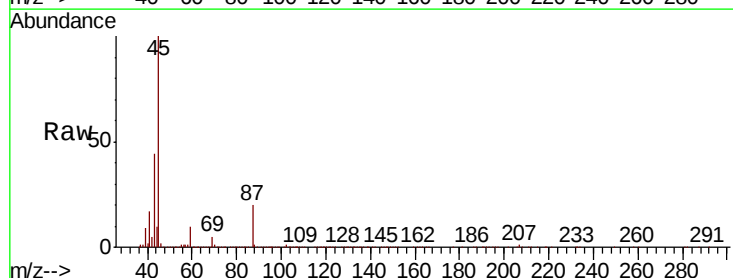
Ion Ratio Lower Upper

45 100

43 43.0 32.8 49.2

87 19.5 15.2 22.8

59 9.8 7.8 11.6

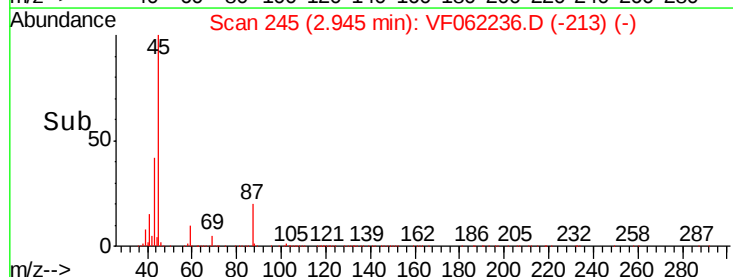
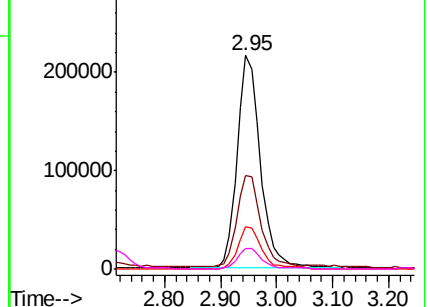


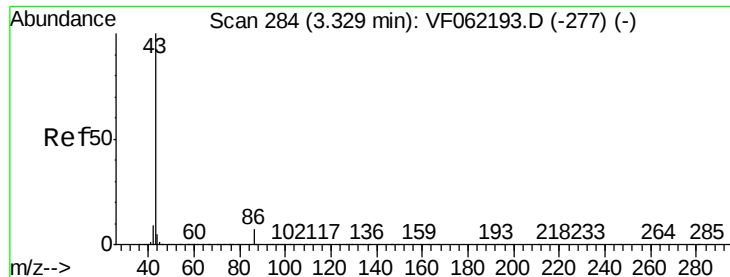
Abundance Ion 45.00 (44.70 to 45.70): VF0

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





#23

Vinyl Acetate

Concen: 248.704 ug/l

RT: 3.36 min Scan# 287

Delta R.T. 0.03 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

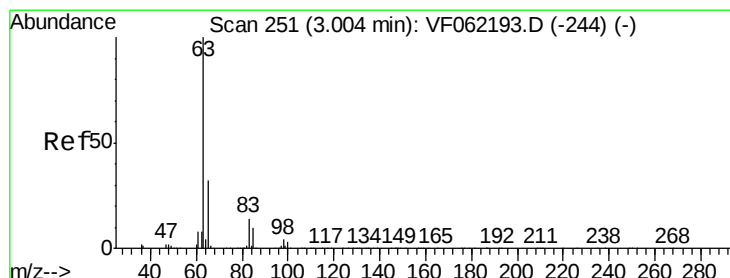
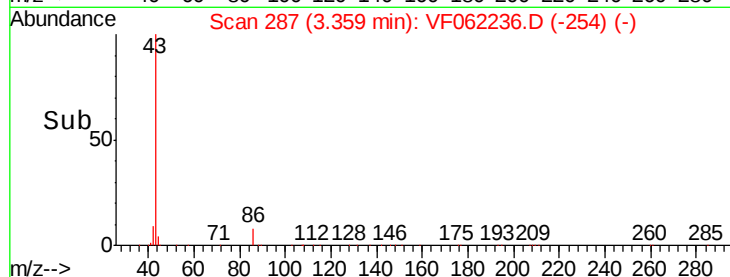
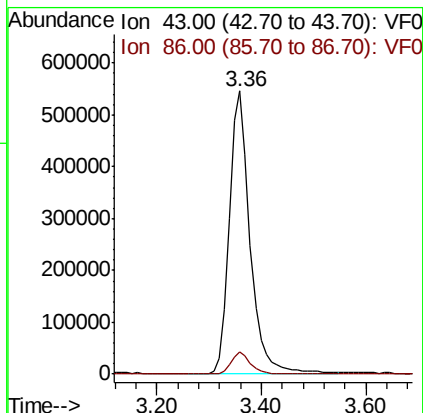
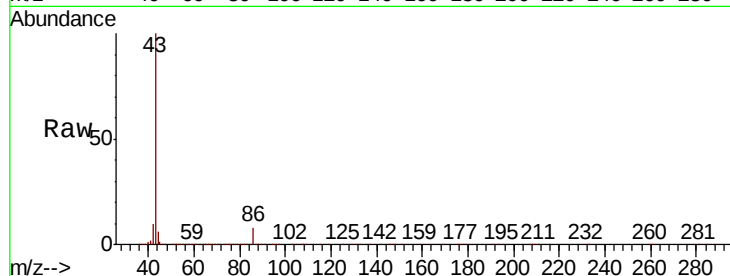
VSTDCCC050EC

Tot Ion: 43 Resp: 1474298

Ion Ratio Lower Upper

43 100

86 7.7 5.9 8.9



#24

1,1-Dichloroethane

Concen: 51.091 ug/l

RT: 3.02 min Scan# 253

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

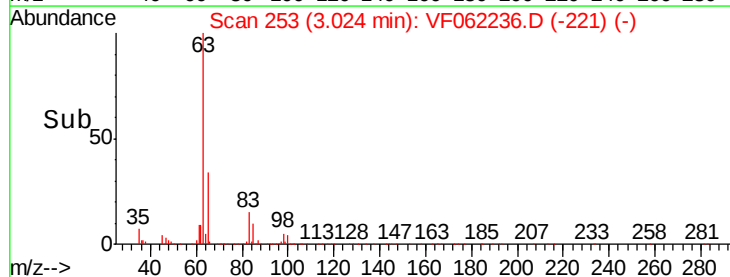
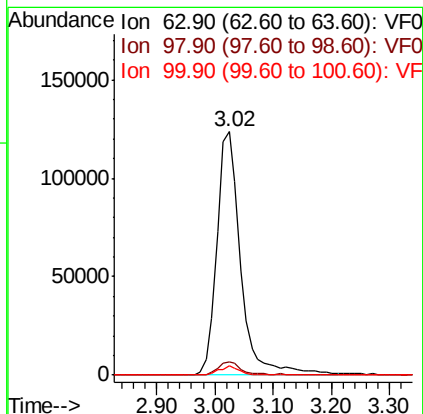
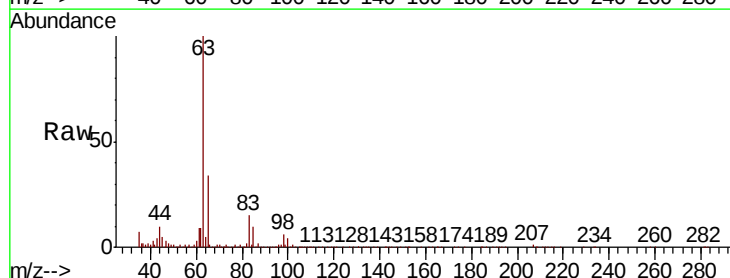
Tgt Ion: 63 Resp: 347730

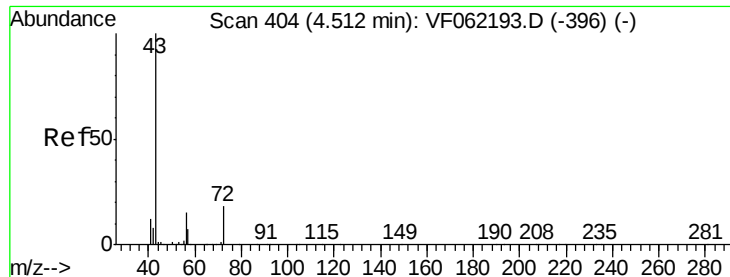
Ion Ratio Lower Upper

63 100

98 5.6 2.3 6.8

100 3.8 1.7 5.0





#25

2-Butanone

Concen: 227.621 ug/l

RT: 4.54 min Scan# 407

Delta R.T. 0.03 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

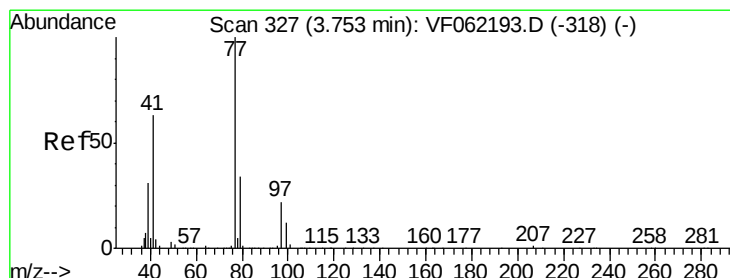
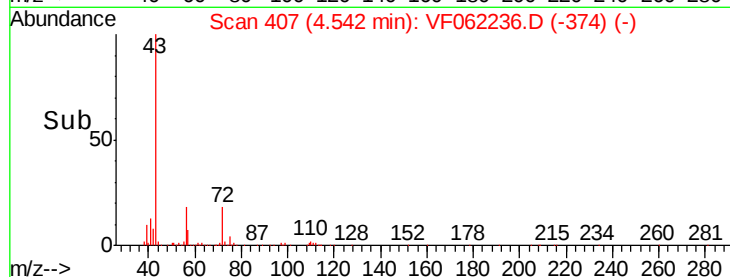
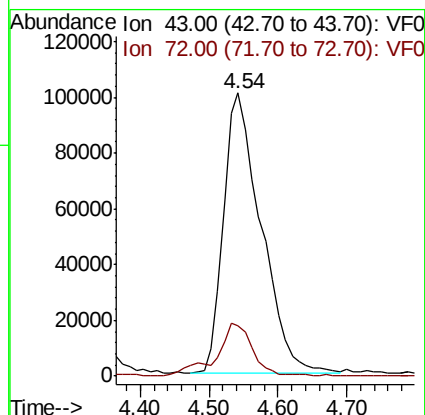
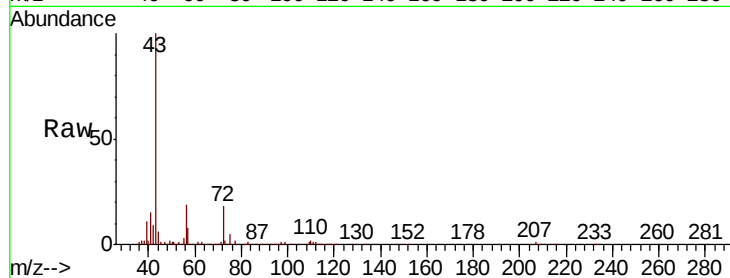
VSTDCCC050EC

Tot Ion: 43 Resp: 379533

Ion Ratio Lower Upper

43 100

72 17.8 16.1 24.1



#26

2,2-Dichloropropane

Concen: 46.413 ug/l

RT: 3.79 min Scan# 331

Delta R.T. 0.04 min

Lab File: VF062236.D

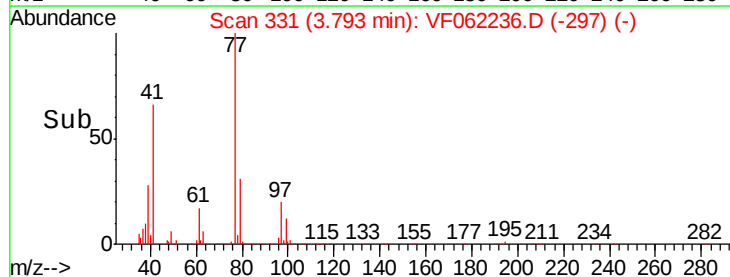
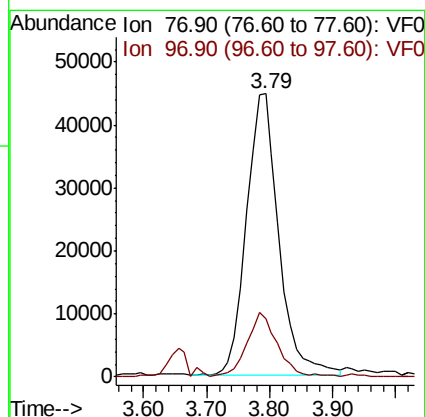
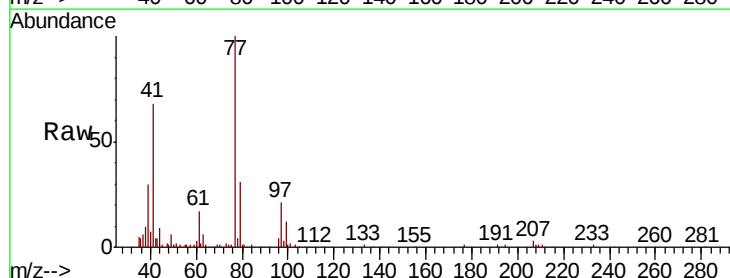
Acq: 19 Apr 2019 21:01

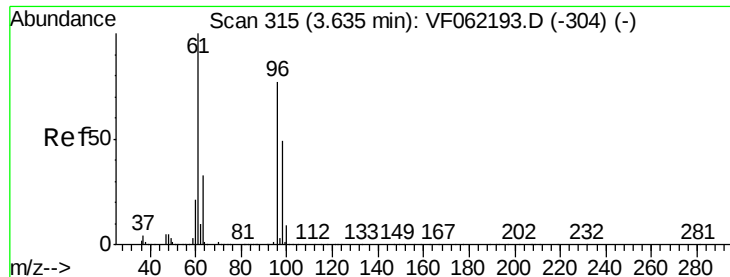
Tgt Ion: 77 Resp: 159485

Ion Ratio Lower Upper

77 100

97 21.8 11.1 33.3



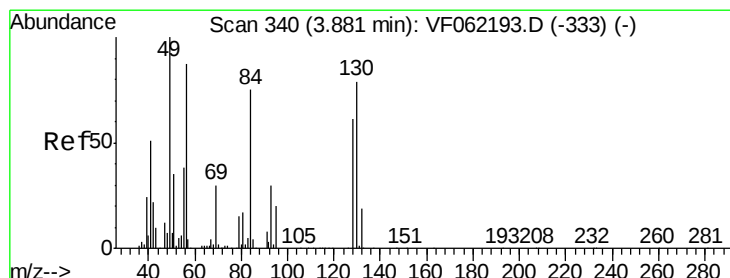
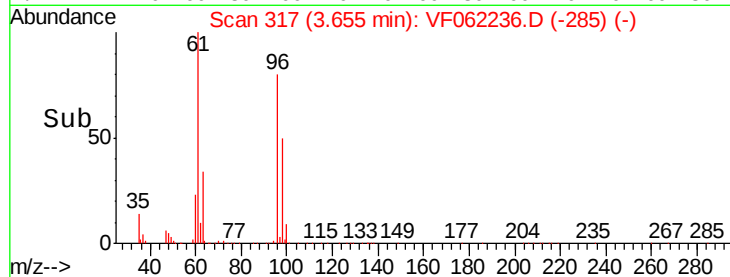
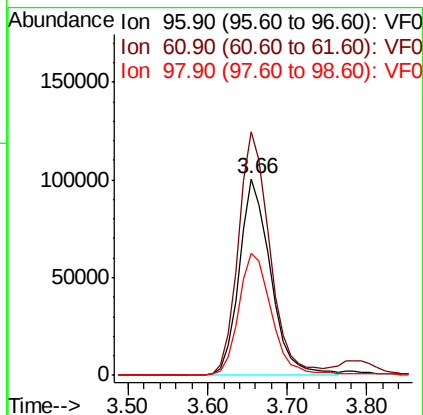
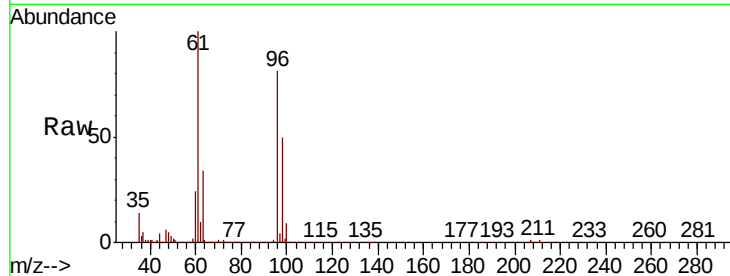


#27

cis-1,2-Dichloroethene
 Concen: 50.097 ug/l
 RT: 3.66 min Scan# 317
 Delta R.T. 0.02 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

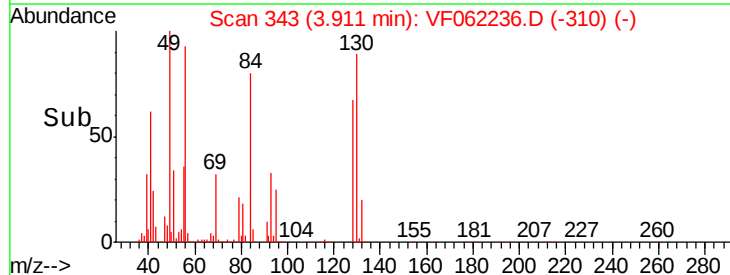
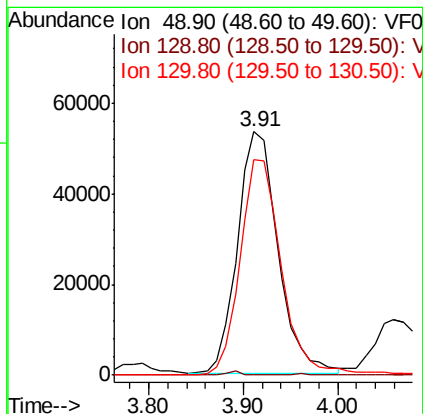
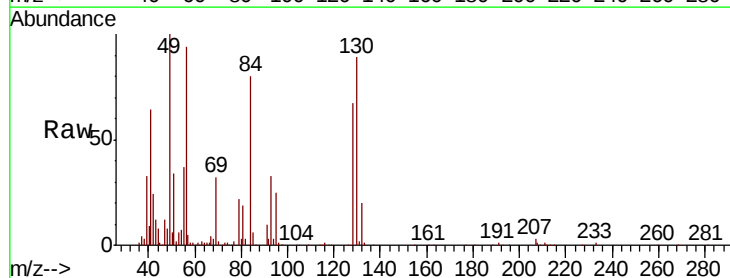
Tot Ion	96	Resp	271907
Ion Ratio	Lower	Upper	
96	100		
61	125.7	0.0	253.6
98	65.7	0.0	124.8



#28

Bromochloromethane
 Concen: 48.824 ug/l
 RT: 3.91 min Scan# 343
 Delta R.T. 0.03 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

Tgt Ion	49	Resp	159184
Ion Ratio	Lower	Upper	
49	100		
129	0.5	0.0	0.0#
130	91.4	66.6	100.0

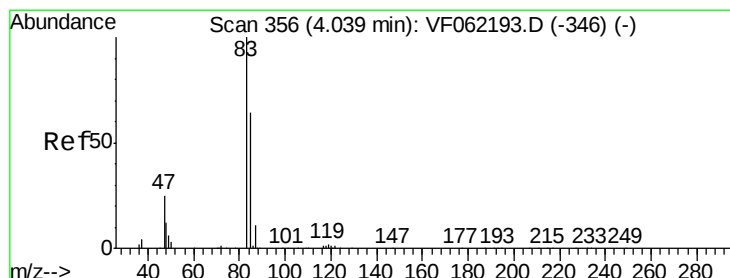
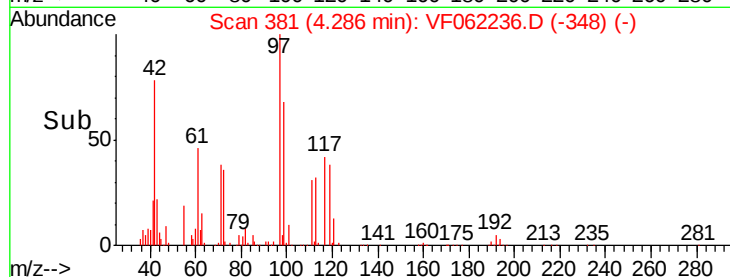
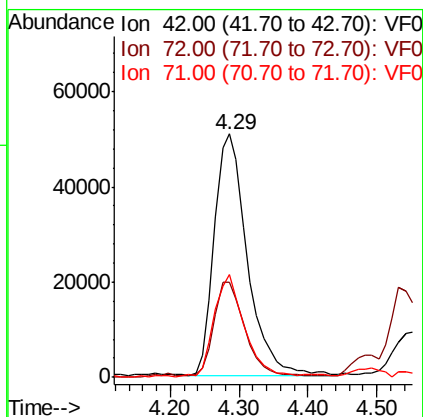
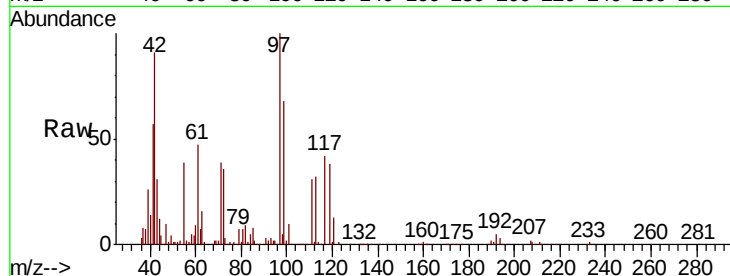




#29
Tetrahydrofuran
Concen: 222.753 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.03 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

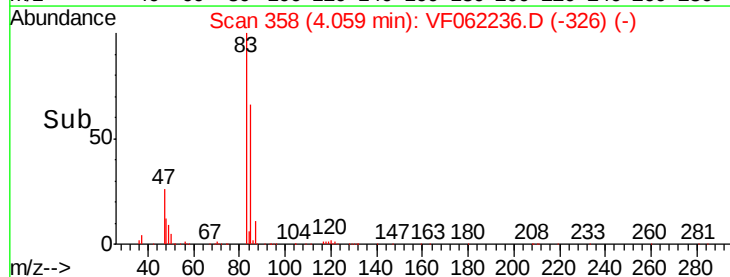
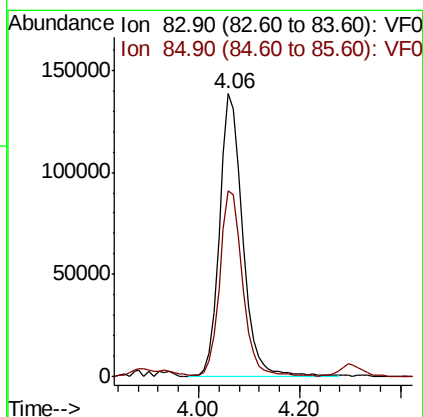
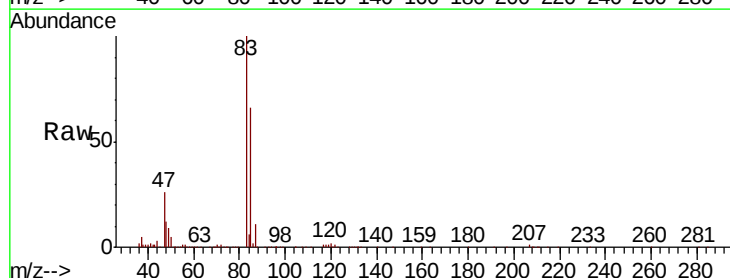
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

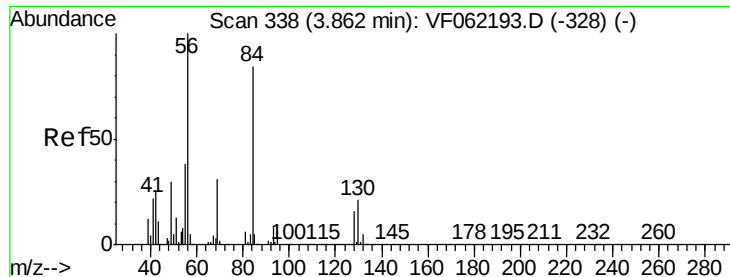
Tot Ion: 42 Resp: 168116
Ion Ratio Lower Upper
42 100
72 36.2 28.6 43.0
71 38.6 29.2 43.8



#30
Chloroform
Concen: 53.181 ug/l
RT: 4.06 min Scan# 358
Delta R.T. 0.02 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

Tgt Ion: 83 Resp: 444839
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.8

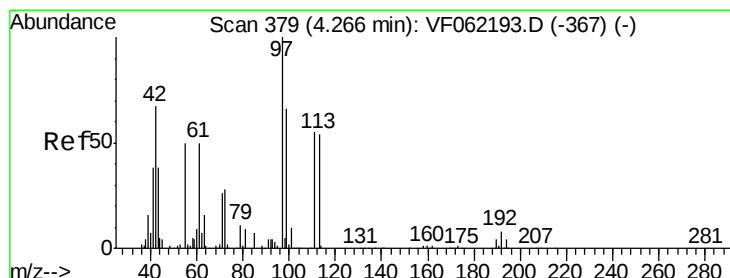
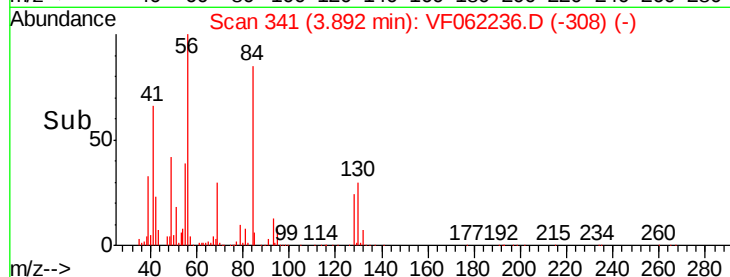
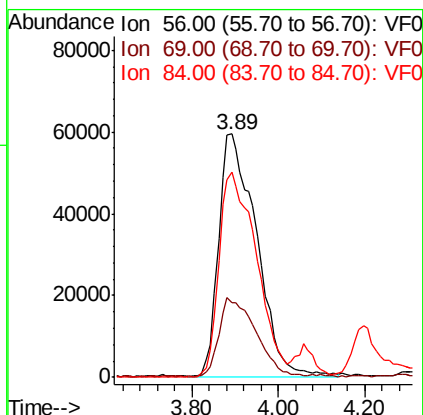
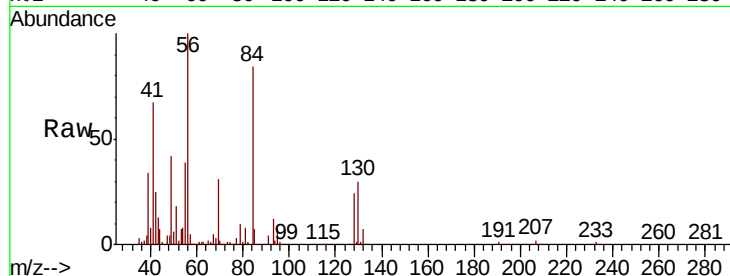




#31
Cyclohexane
Concen: 43.980 ug/l
RT: 3.89 min Scan# 341
Delta R.T. 0.03 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

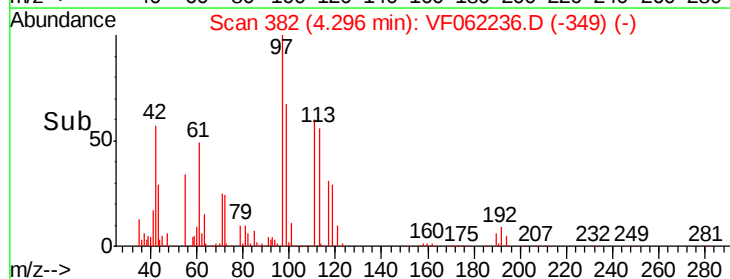
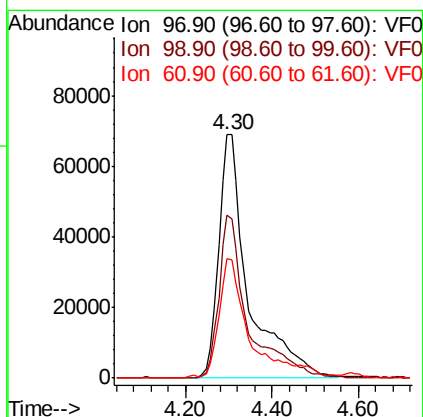
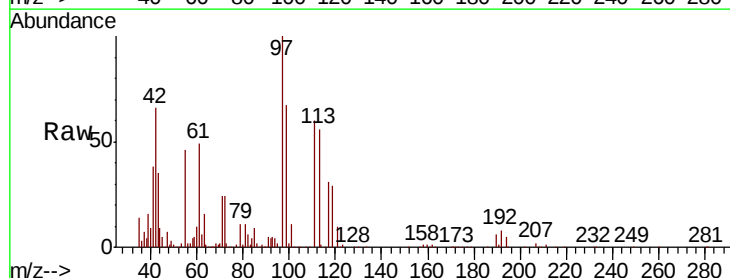
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

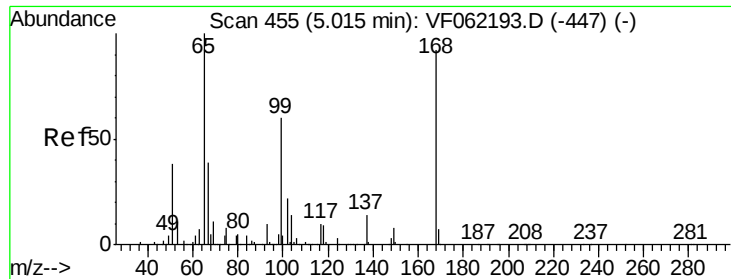
Tot Ion: 56 Resp: 358717
Ion Ratio Lower Upper
56 100
69 30.5 25.1 37.7
84 84.3 67.8 101.6



#32
1,1,1-Trichloroethane
Concen: 54.003 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.03 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

Tgt Ion: 97 Resp: 330646
Ion Ratio Lower Upper
97 100
99 64.7 52.7 79.1
61 47.3 53.0 79.4#





#33

1,2-Dichloroethane-d4

Concen: 56.092 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

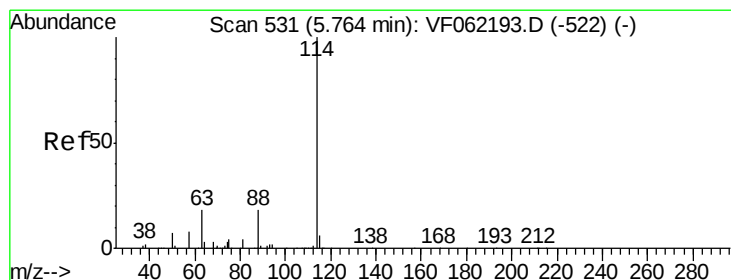
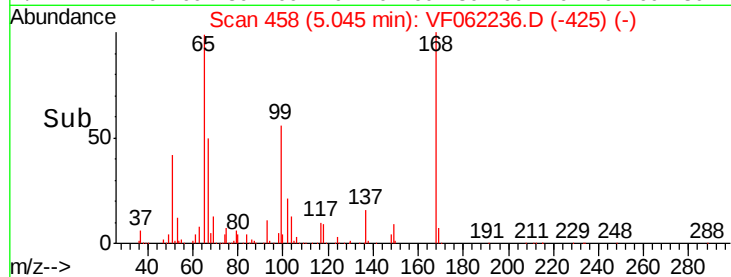
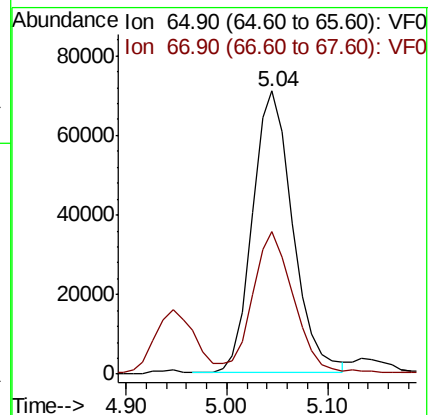
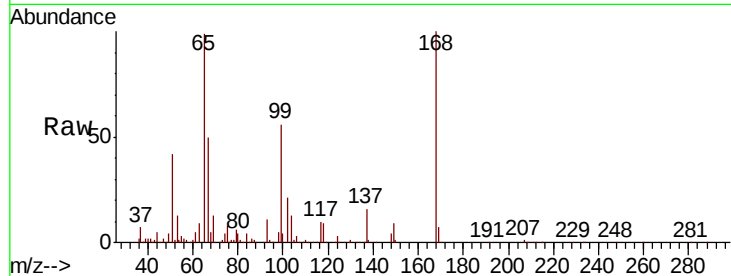
VSTDCCC050EC

Tot Ion: 65 Resp: 195685

Ion Ratio Lower Upper

65 100

67 51.4 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

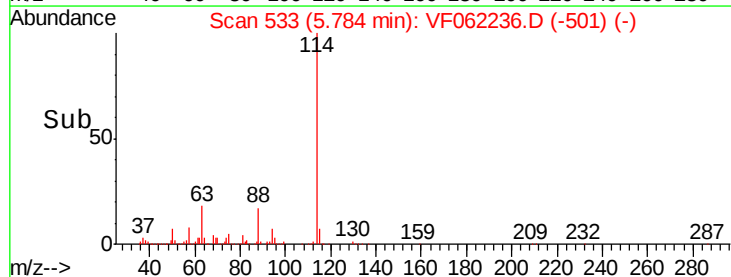
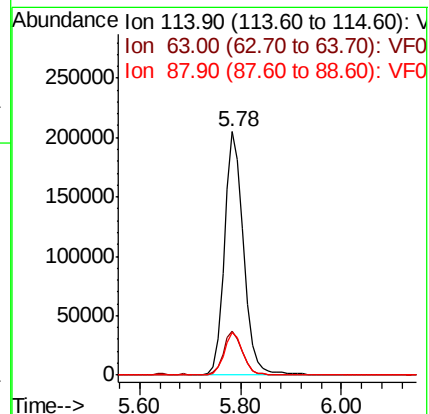
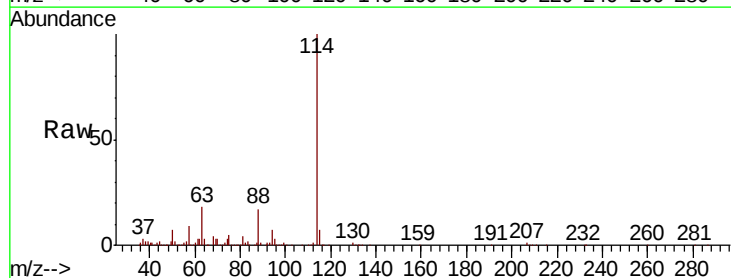
Tgt Ion: 114 Resp: 539988

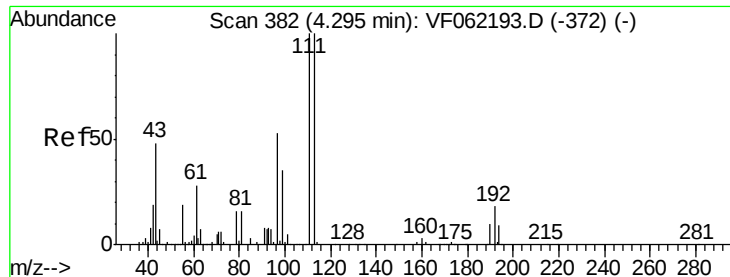
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.6

88 17.5 0.0 35.8

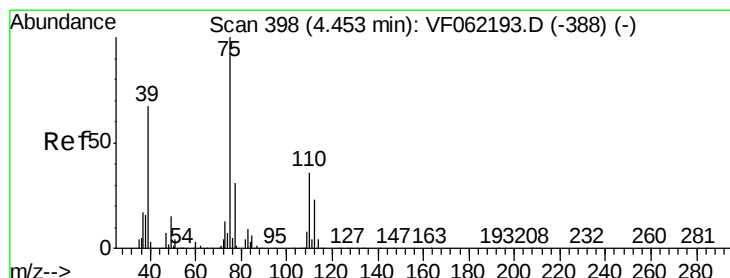
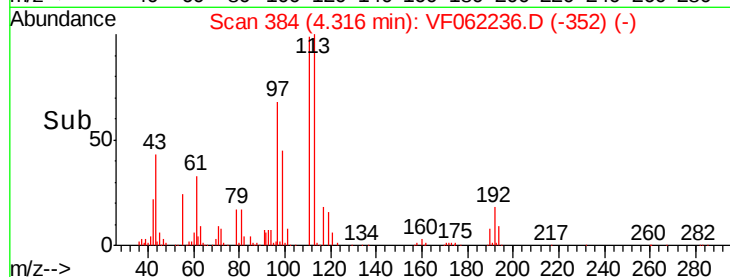
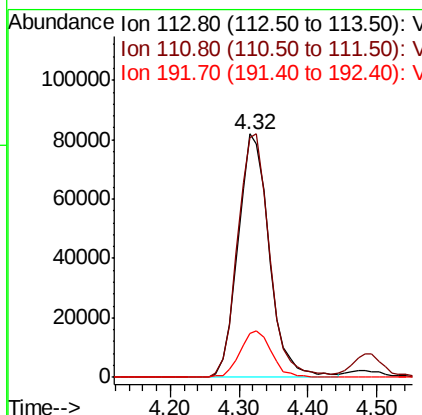
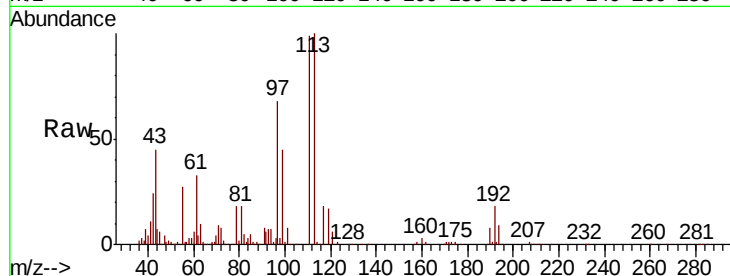




#35
 Dibromofluoromethane
 Concen: 54.621 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.02 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

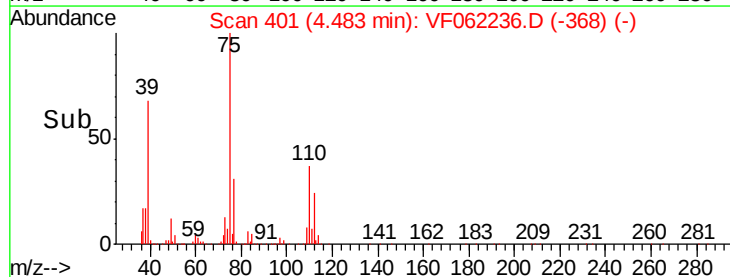
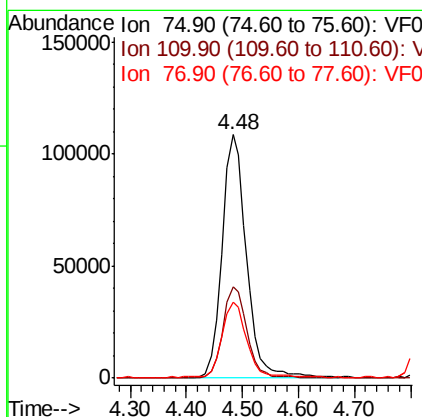
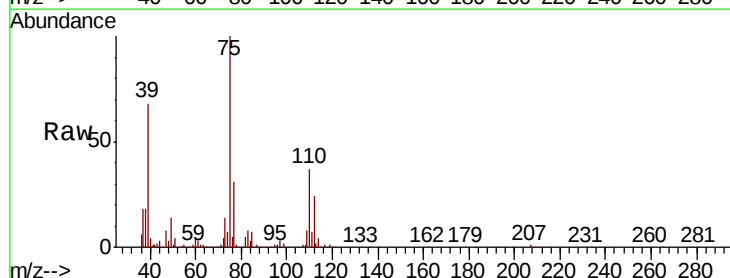
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

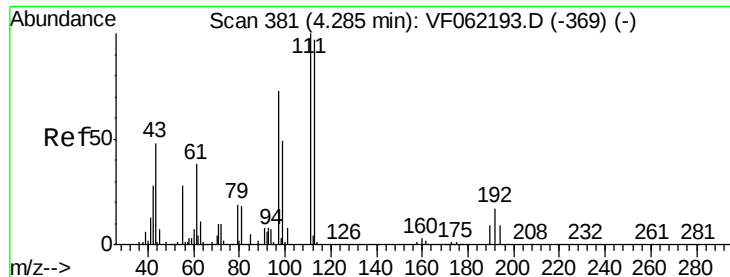
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.1	121.7
192	19.7	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 50.778 ug/l
 RT: 4.48 min Scan# 401
 Delta R.T. 0.03 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.4	55.2
77	31.0	25.4	38.2

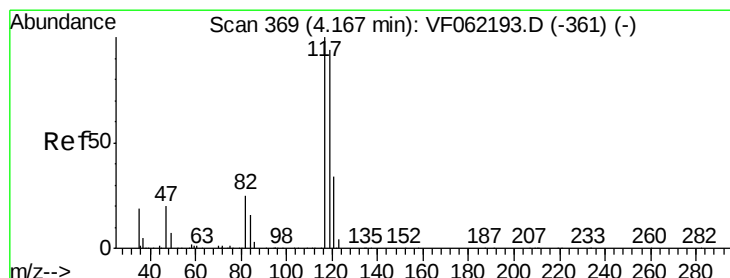
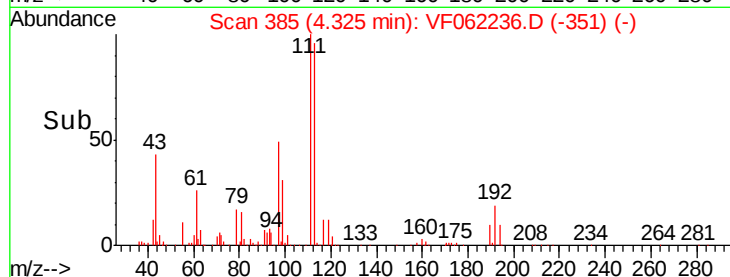
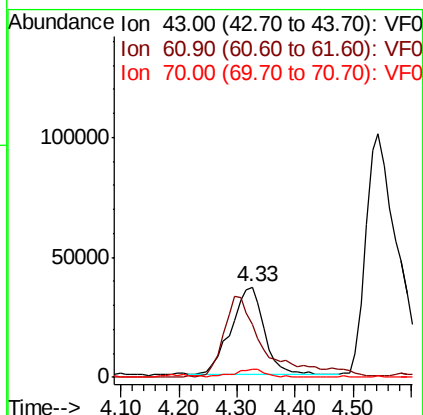
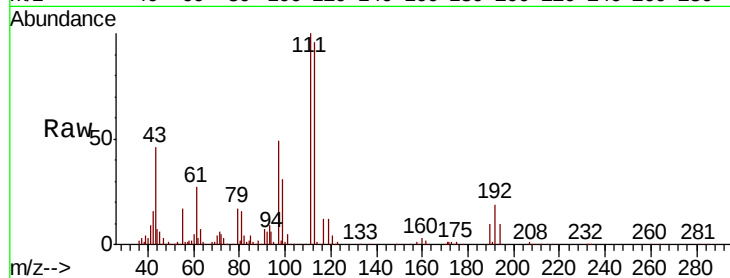




#37
Ethyl Acetate
Concen: 47.514 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.04 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

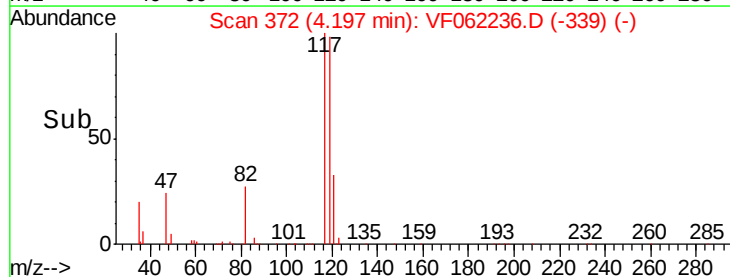
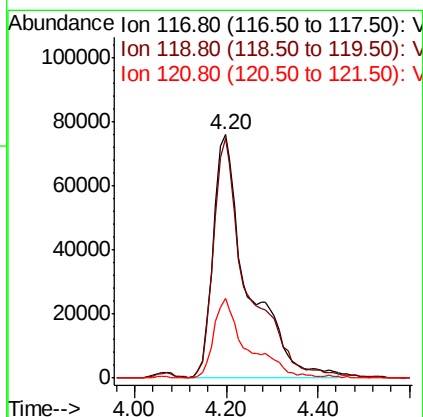
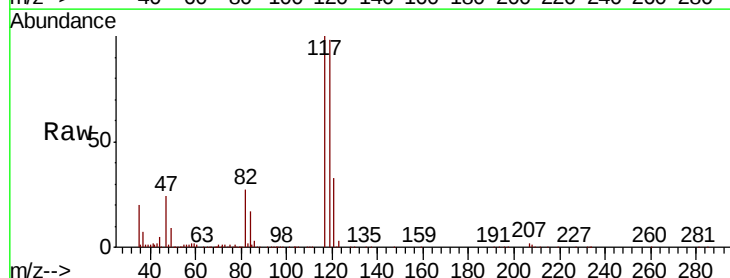
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

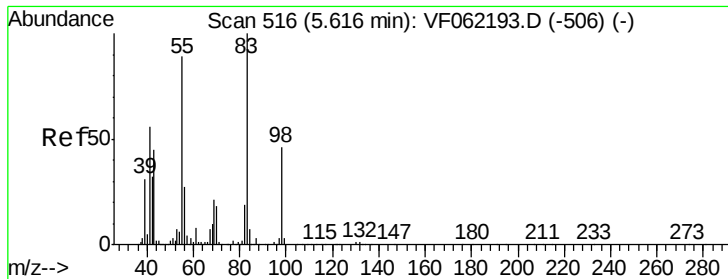
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	8.4	7.8	11.6



#38
Carbon Tetrachloride
Concen: 68.709 ug/l
RT: 4.20 min Scan# 372
Delta R.T. 0.03 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.0	112.4
121	33.1	26.9	40.3





#39

Methvlcvclohexane

Concen: 47.133 ug/l

RT: 5.65 min Scan# 519

Delta R.T. 0.03 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

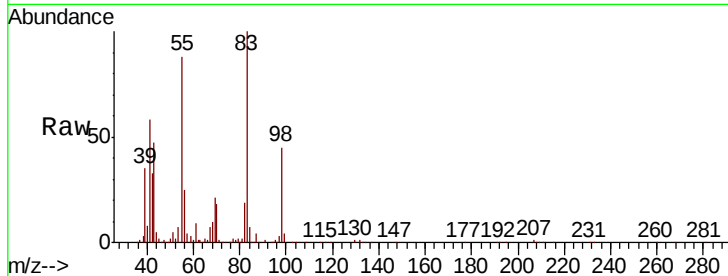
Tot Ion: 83 Resp: 365357

Ion Ratio Lower Upper

83 100

55 88.0 71.0 106.6

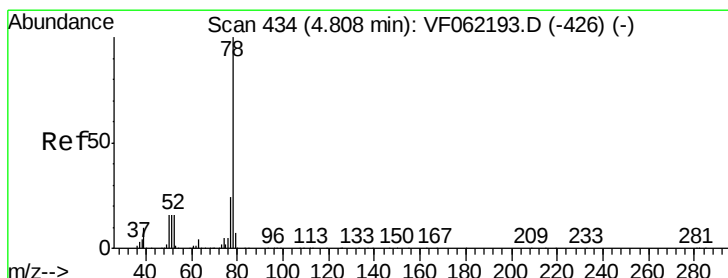
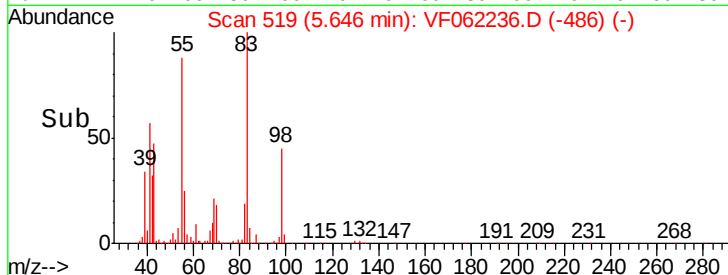
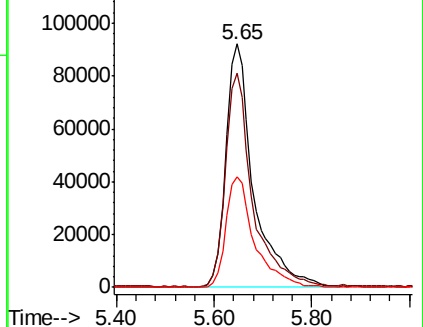
98 45.1 36.7 55.1



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#40

Benzene

Concen: 49.692 ug/l

RT: 4.84 min Scan# 437

Delta R.T. 0.03 min

Lab File: VF062236.D

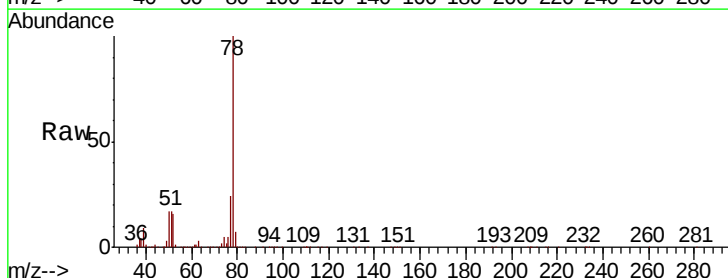
Acq: 19 Apr 2019 21:01

Tgt Ion: 78 Resp: 843837

Ion Ratio Lower Upper

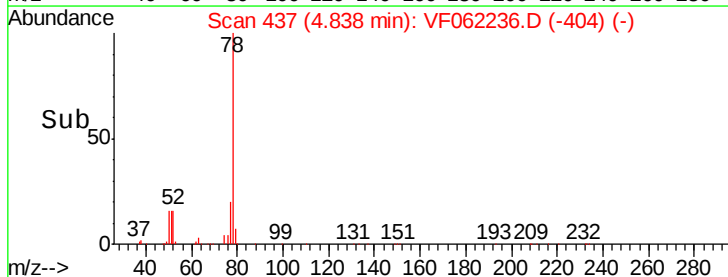
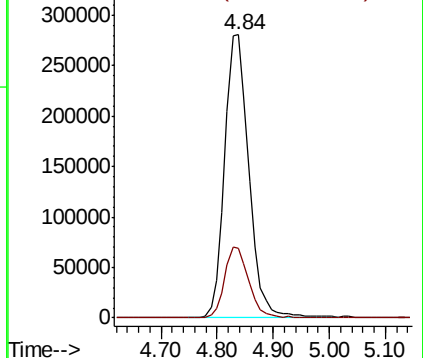
78 100

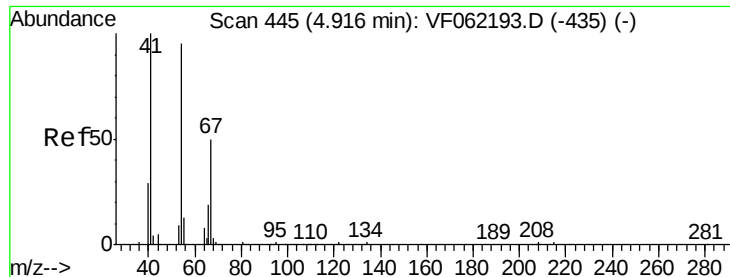
77 24.2 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

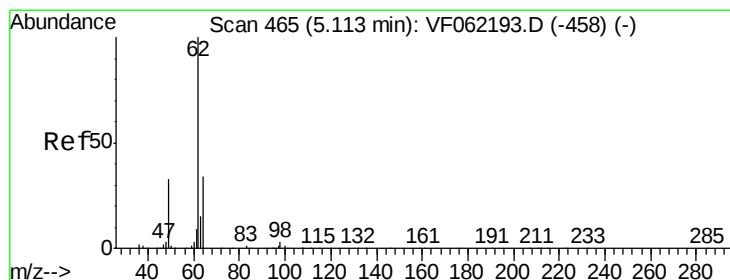
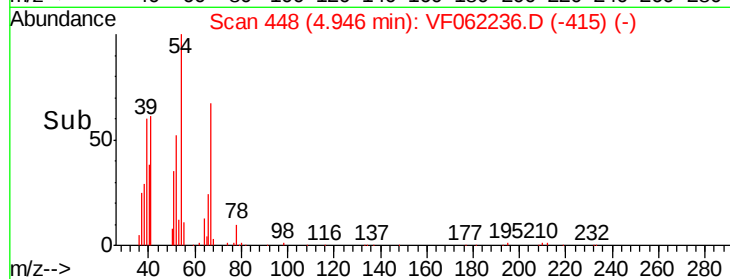
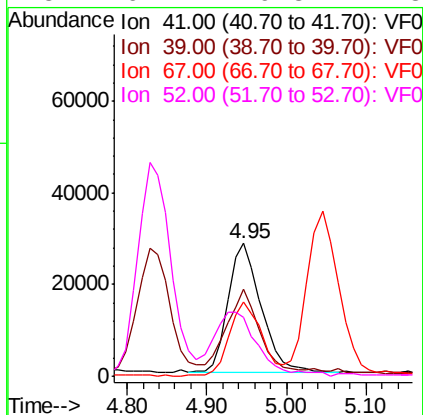
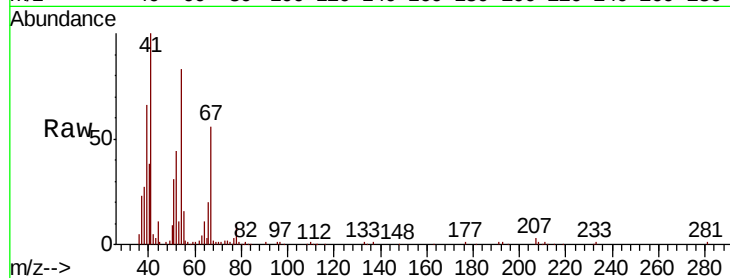




#41
Methacrylonitrile
Concen: 45.939 ug/l
RT: 4.95 min Scan# 448
Delta R.T. 0.03 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

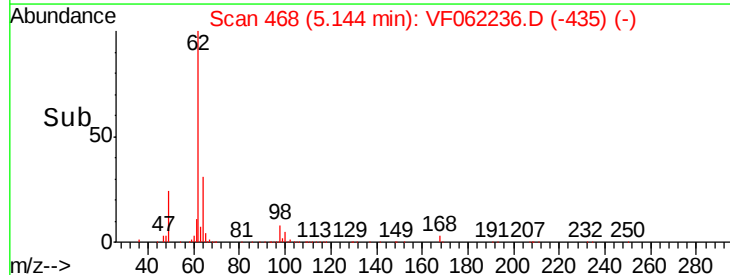
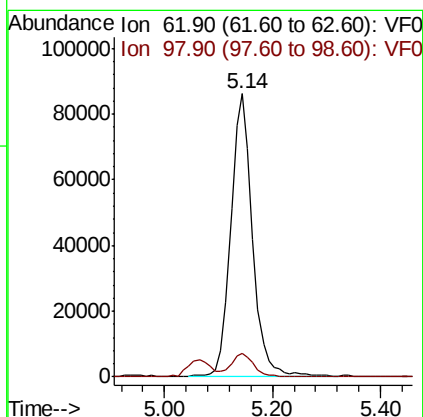
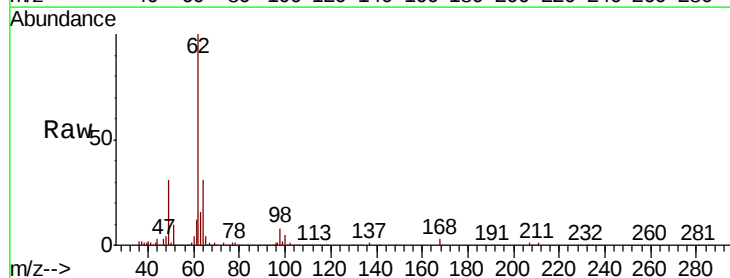
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

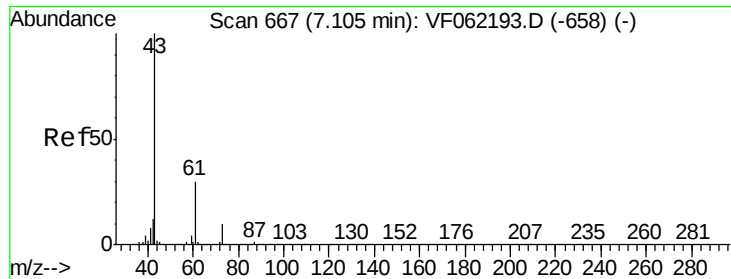
Tot Ion:	41	Resp:	80955
Ion	Ratio	Lower	Upper
41	100		
39	67.8	44.7	67.1#
67	57.6	39.1	58.7
52	67.4	49.8	74.8



#42
1,2-Dichloroethane
Concen: 53.873 ug/l
RT: 5.14 min Scan# 468
Delta R.T. 0.03 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

Tgt Ion:	62	Resp:	241851
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	19.0



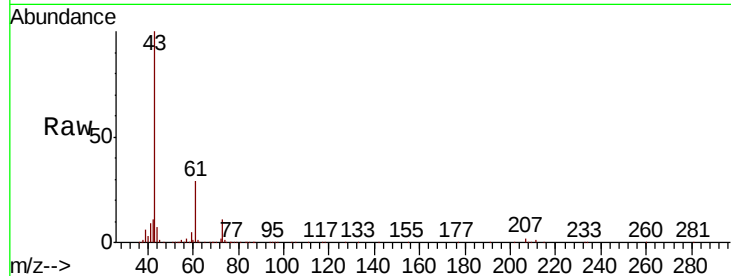


#43

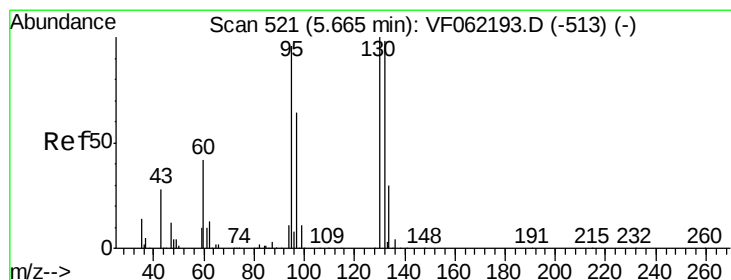
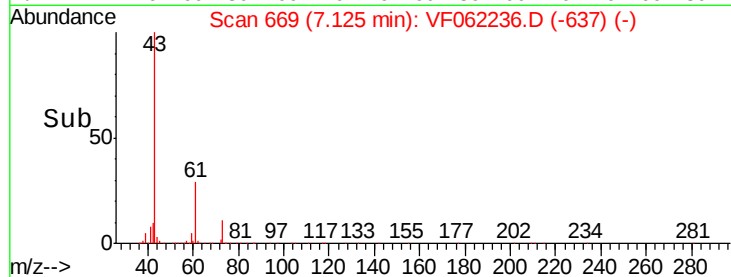
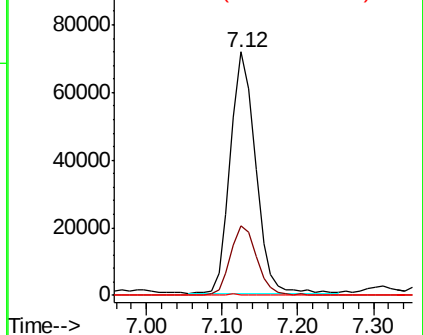
Isopropyl Acetate
 Concen: 51.673 ug/l
 RT: 7.12 min Scan# 669
 Delta R.T. 0.02 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 166034
 Ion Ratio Lower Upper
 43 100
 61 30.2 24.4 36.6
 87 0.6 0.4 0.6#



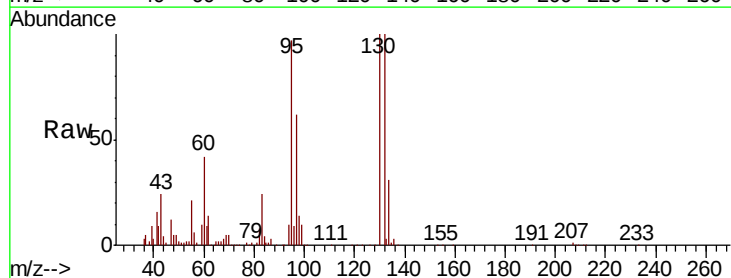
Abundance Ion 43.00 (42.70 to 43.70): VF0
 Ion 61.00 (60.70 to 61.70): VF0
 Ion 87.00 (86.70 to 87.70): VF0



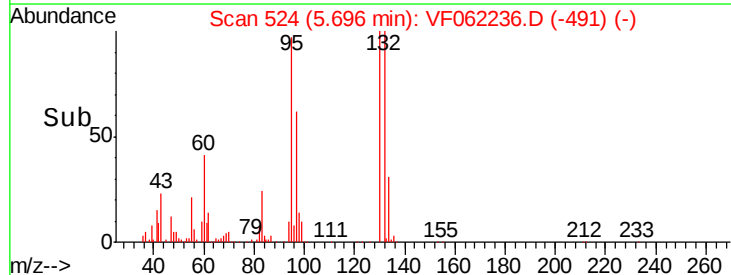
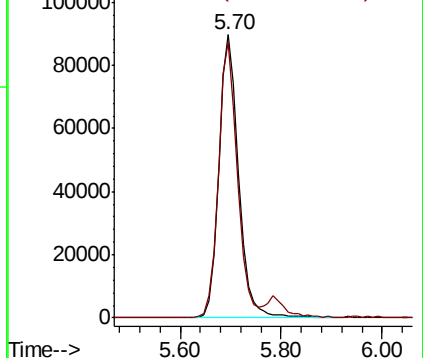
#44

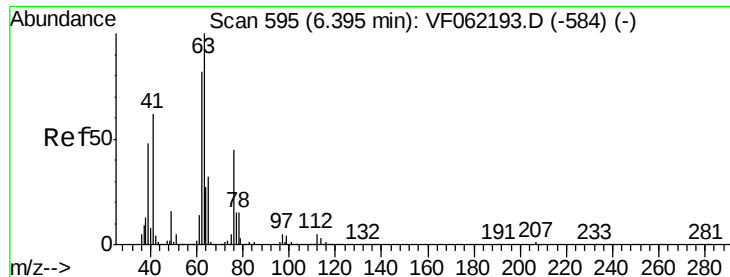
Trichloroethene
 Concen: 53.294 ug/l
 RT: 5.70 min Scan# 524
 Delta R.T. 0.03 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

Tgt Ion: 130 Resp: 244552
 Ion Ratio Lower Upper
 130 100
 95 97.1 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 49.786 ug/l

RT: 6.42 min Scan# 597

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

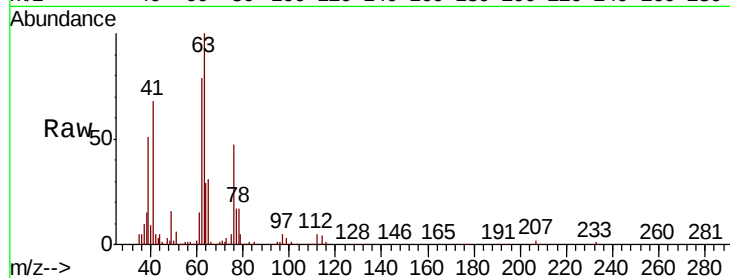
VSTDCCC050EC

Tot Ion: 63 Resp: 186229

Ion Ratio Lower Upper

63 100

65 31.0 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 64.90 (64.60 to 65.60): VF0

6.42

80000

60000

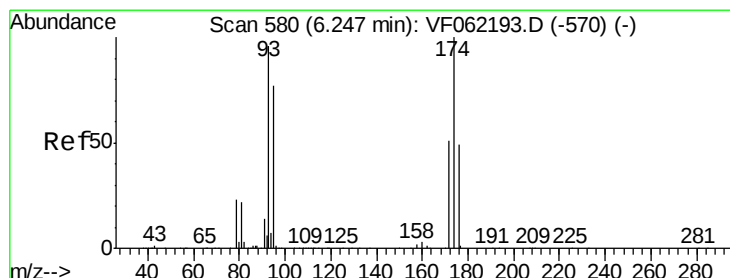
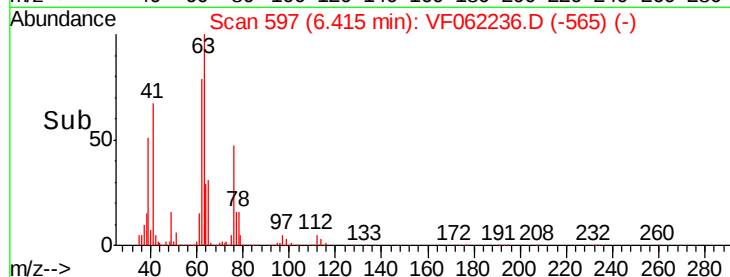
40000

20000

0

Time-->

6.30 6.40 6.50 6.60



#46

Dibromomethane

Concen: 51.276 ug/l

RT: 6.27 min Scan# 582

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

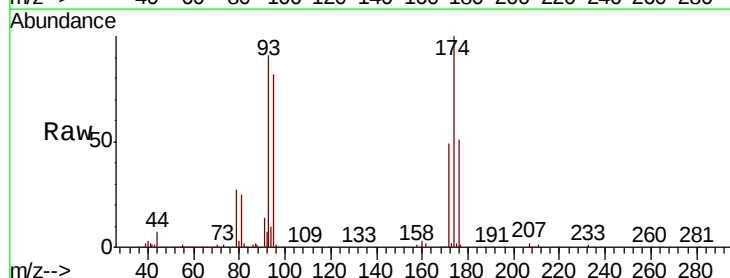
Tgt Ion: 93 Resp: 127610

Ion Ratio Lower Upper

93 100

95 85.3 65.1 97.7

174 115.6 81.8 122.6



Abundance Ion 92.80 (92.50 to 93.50): VF0

Ion 94.80 (94.50 to 95.50): VF0

Ion 173.70 (173.40 to 174.40): V

6.27

60000

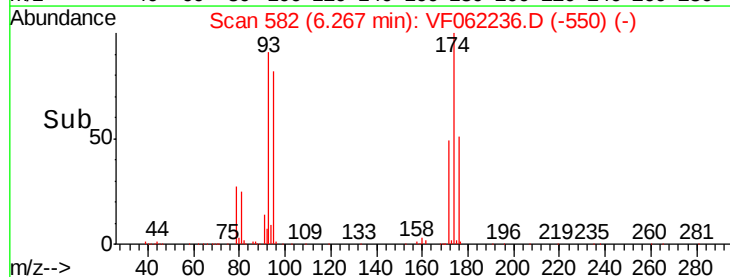
40000

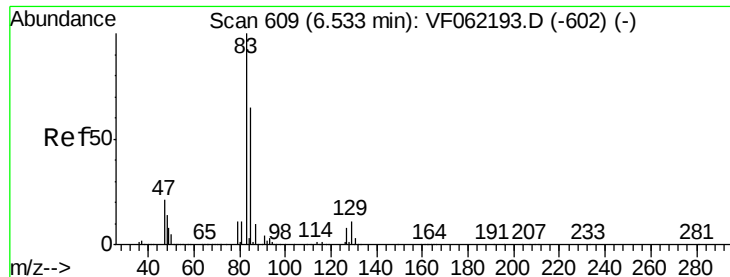
20000

0

Time-->

6.10 6.20 6.30 6.40





#47

Bromodichloromethane

Concen: 57.693 ug/l

RT: 6.55 min Scan# 611

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

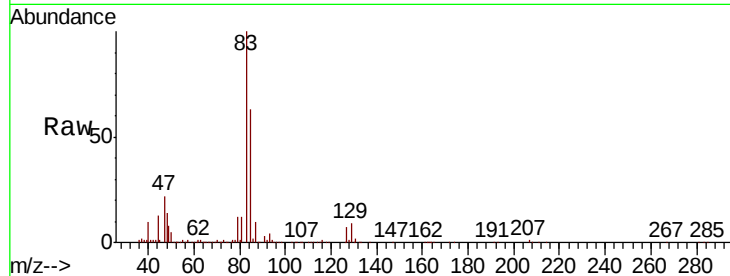
Tot Ion: 83 Resp: 324005

Ion Ratio Lower Upper

83 100

85 62.6 52.2 78.4

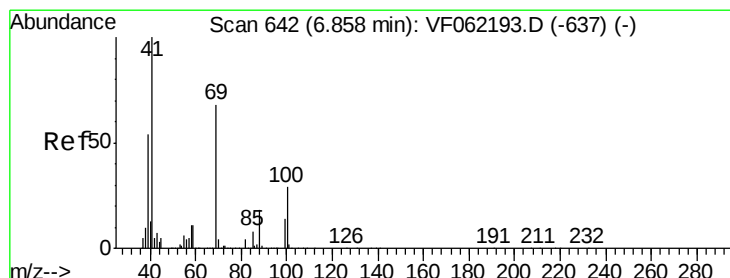
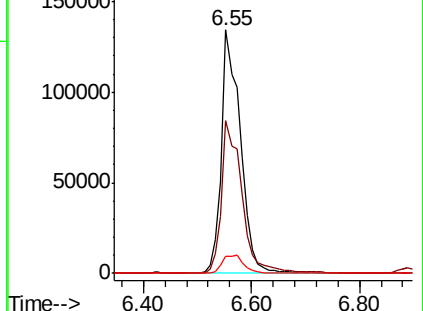
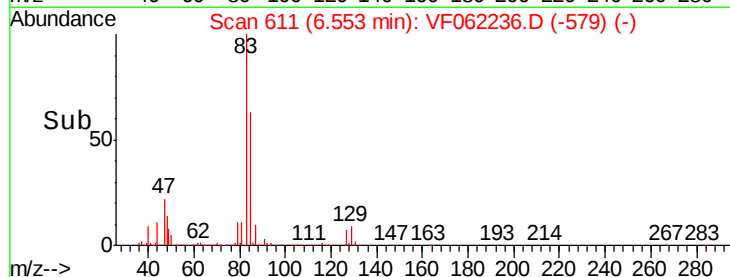
127 7.1 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.345 ug/l

RT: 6.89 min Scan# 645

Delta R.T. 0.03 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

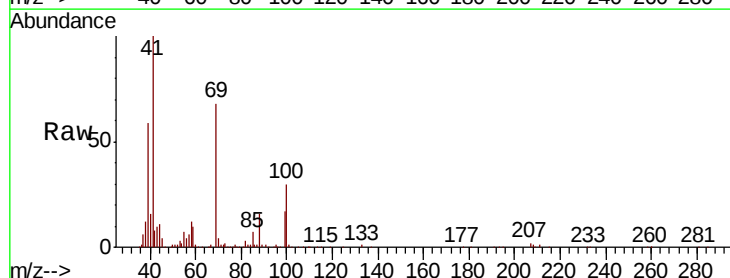
Tgt Ion: 41 Resp: 108422

Ion Ratio Lower Upper

41 100

69 65.7 54.9 82.3

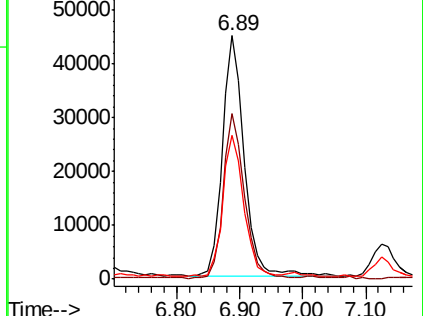
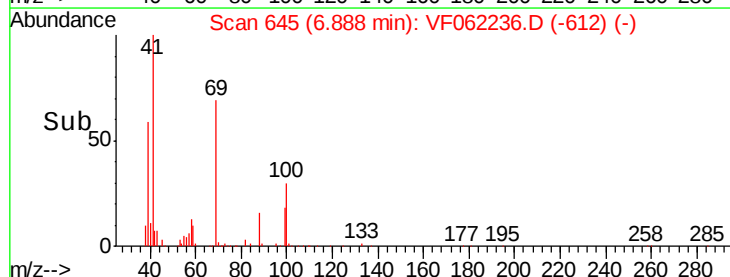
39 55.9 43.6 65.4

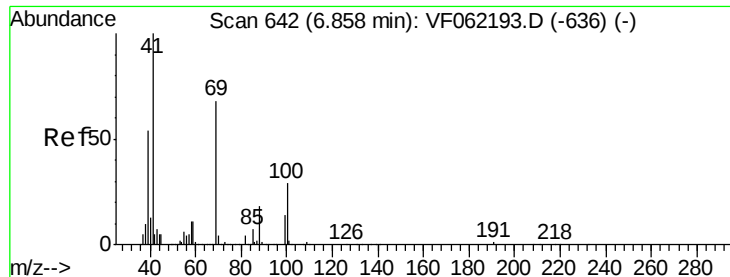


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

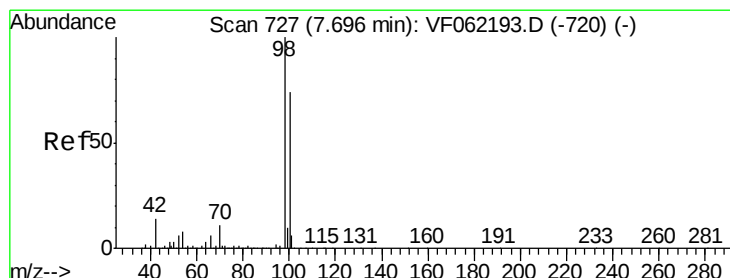
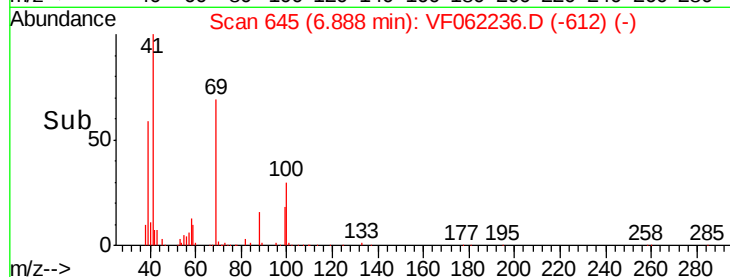
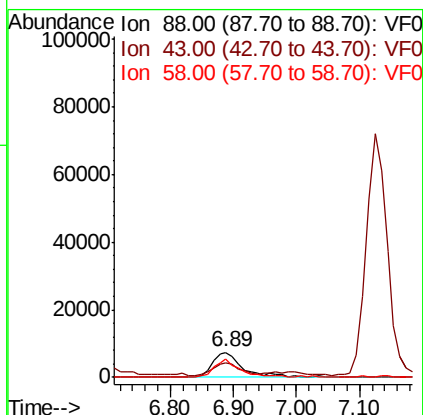
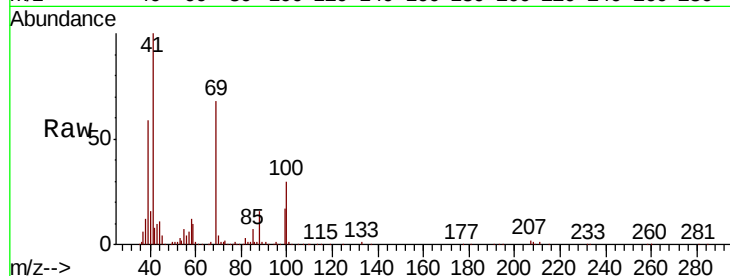




#49
 1,4-Dioxane
 Concen: 1030.635 ug/l
 RT: 6.89 min Scan# 645
 Delta R.T. 0.03 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

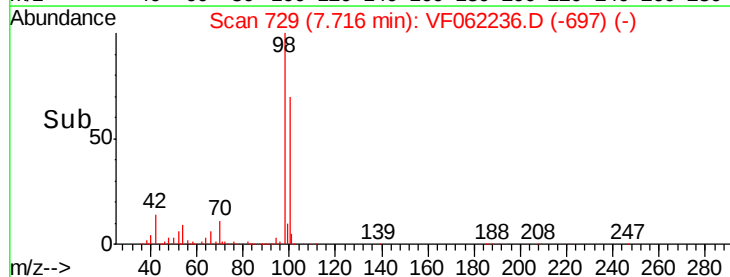
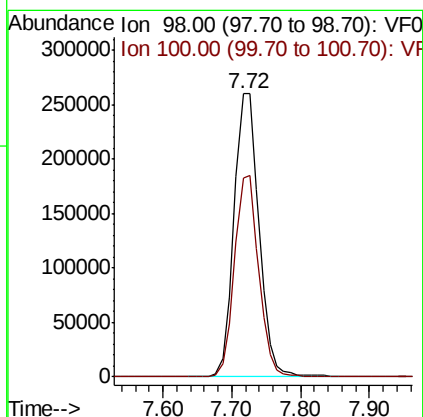
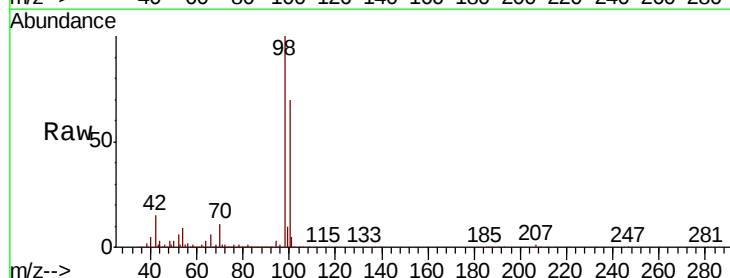
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

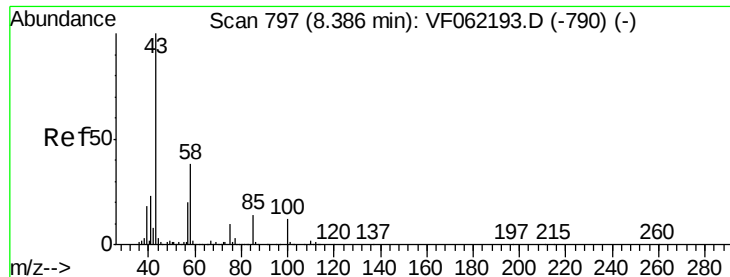
Tot Ion: 88 Resp: 24959
 Ion Ratio Lower Upper
 88 100
 43 44.3 36.9 55.3
 58 66.5 56.8 85.2



#50
 Toluene-d8
 Concen: 54.752 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.02 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

Tgt Ion: 98 Resp: 654663
 Ion Ratio Lower Upper
 98 100
 100 69.1 56.2 84.2





#51

4-Methyl-2-Pentanone

Concen: 237.953 ug/l

RT: 8.42 min Scan# 800

Delta R.T. 0.03 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

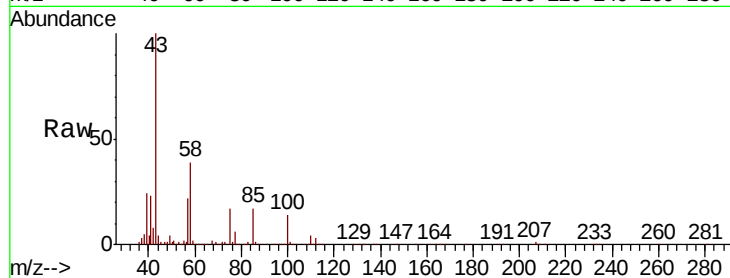
VSTDCCC050EC

Tot Ion: 43 Resp: 568680

Ion Ratio Lower Upper

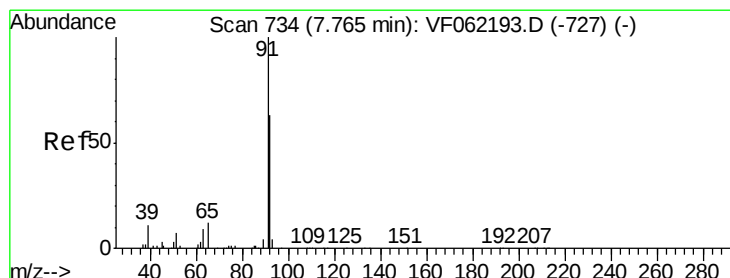
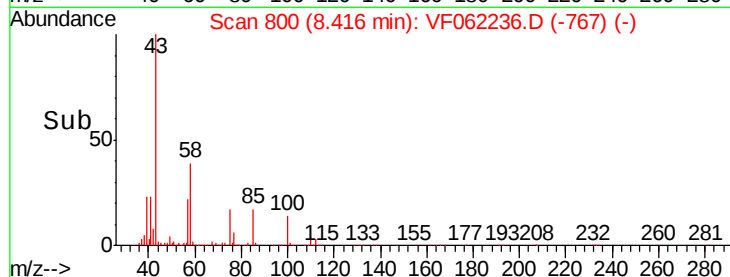
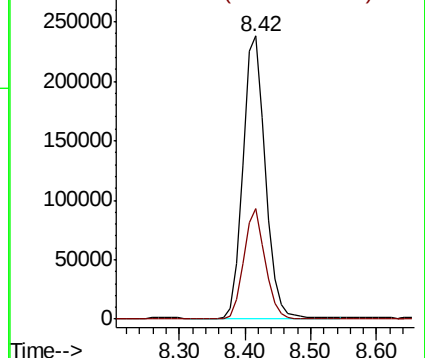
43 100

58 37.6 29.3 43.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 52.385 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.02 min

Lab File: VF062236.D

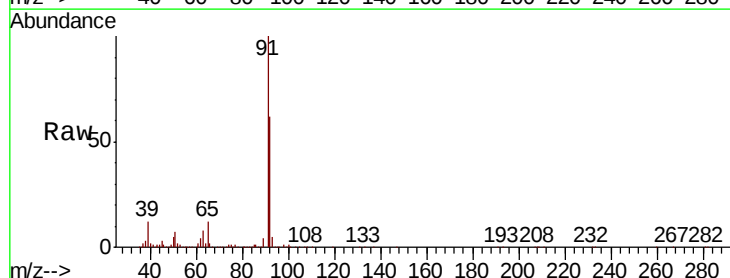
Acq: 19 Apr 2019 21:01

Tgt Ion: 92 Resp: 468910

Ion Ratio Lower Upper

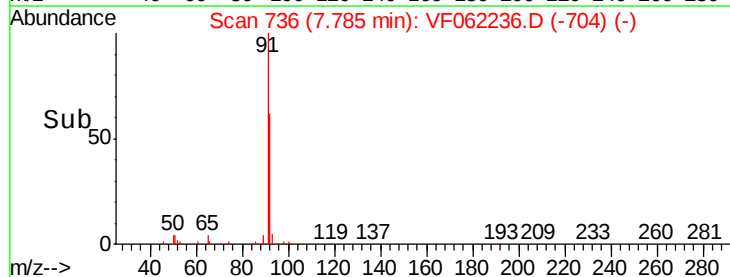
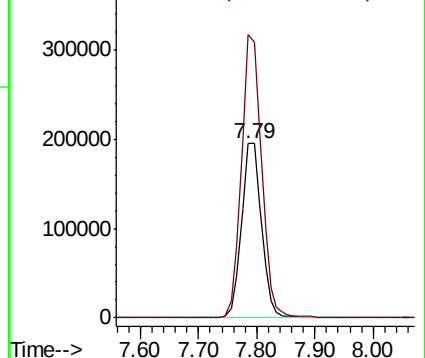
92 100

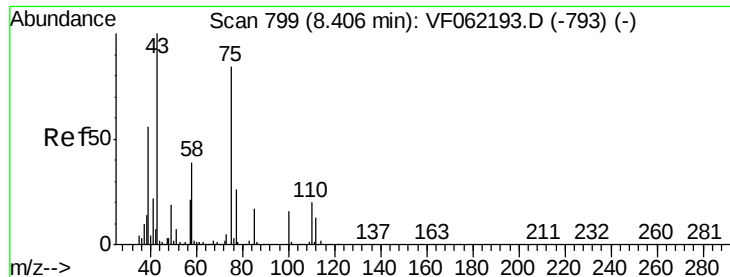
91 164.0 130.1 195.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

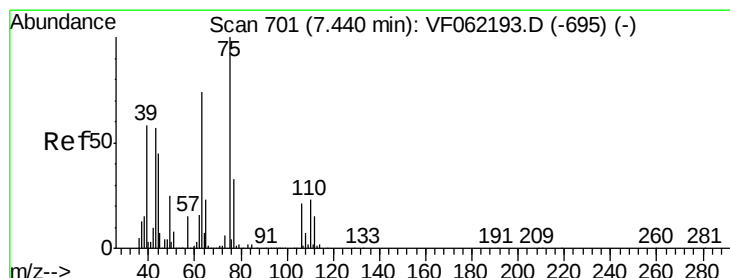
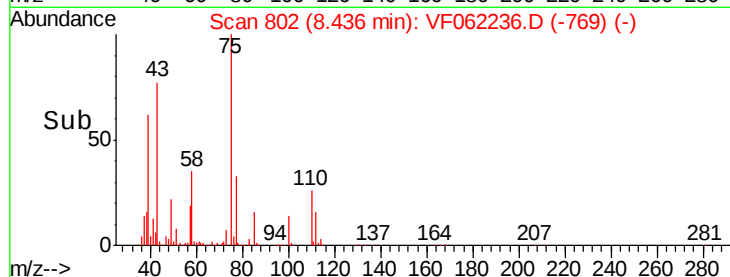
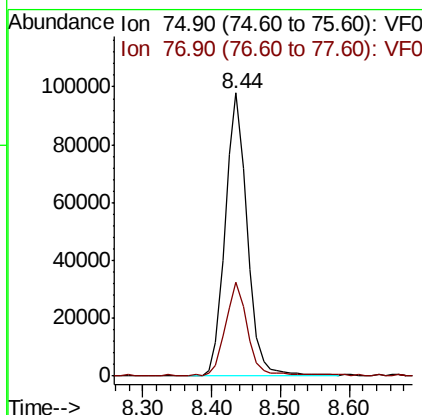
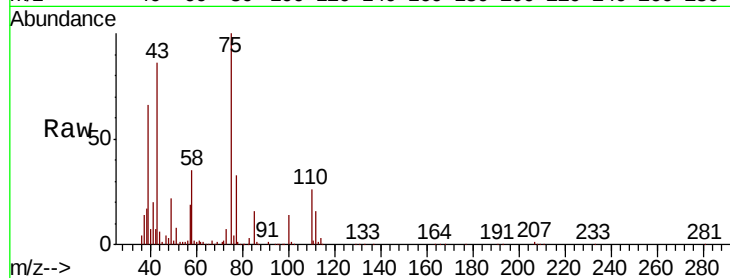




#53
 t-1,3-Dichloropropene
 Concen: 51.443 ug/l
 RT: 8.44 min Scan# 802
 Delta R.T. 0.03 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

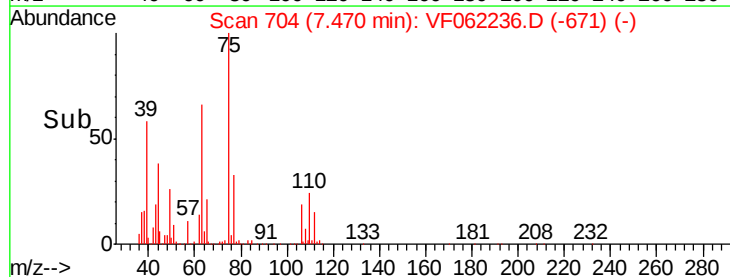
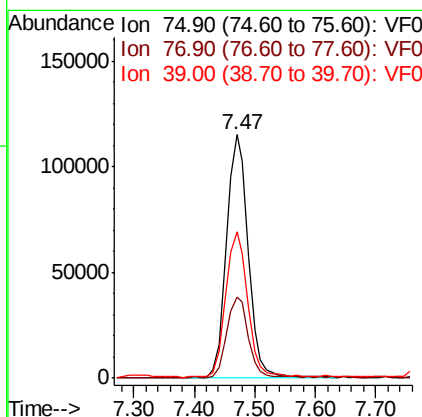
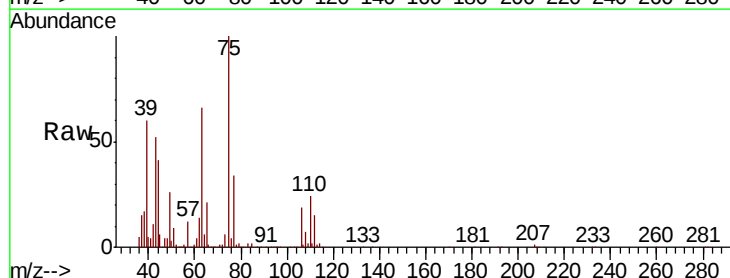
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

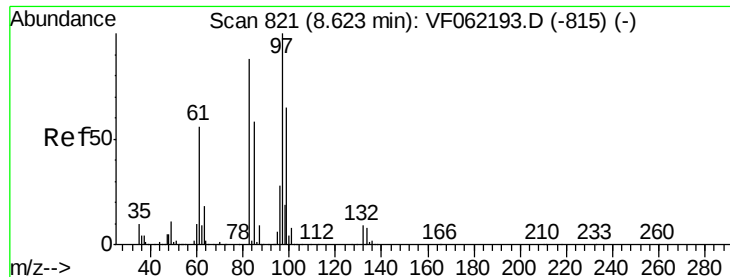
Tot Ion: 75 Resp: 216994
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 50.514 ug/l
 RT: 7.47 min Scan# 704
 Delta R.T. 0.03 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

Tgt Ion: 75 Resp: 288219
 Ion Ratio Lower Upper
 75 100
 77 33.3 26.4 39.6
 39 59.2 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 55.677 ug/l

RT: 8.64 min Scan# 823

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 139617

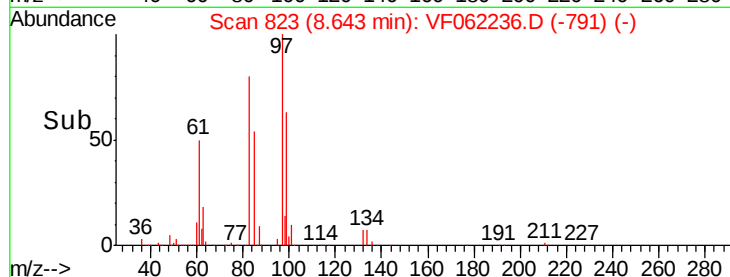
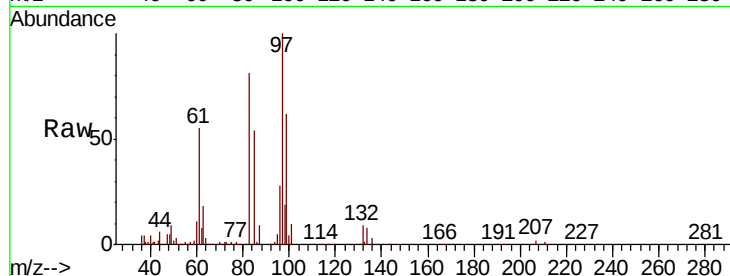
Ion Ratio Lower Upper

97 100

83 80.9 70.2 105.2

85 53.6 46.2 69.4

99 61.9 52.2 78.4

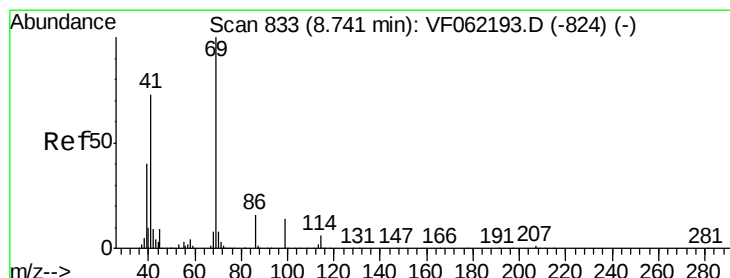
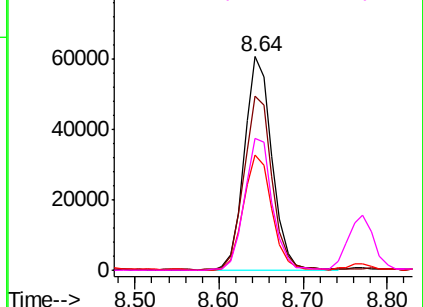


Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



#56

Ethyl methacrylate

Concen: 52.009 ug/l

RT: 8.76 min Scan# 835

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

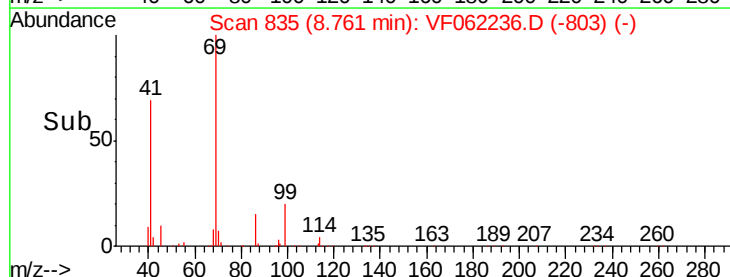
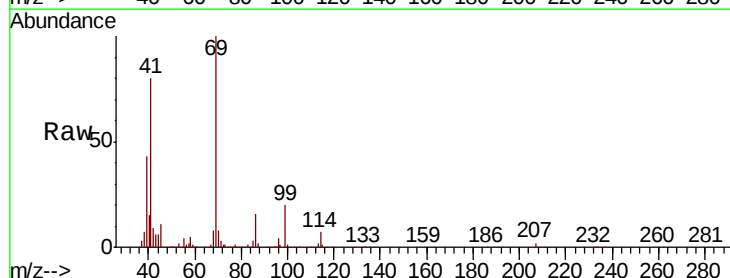
Tgt Ion: 69 Resp: 148279

Ion Ratio Lower Upper

69 100

41 78.9 61.5 92.3

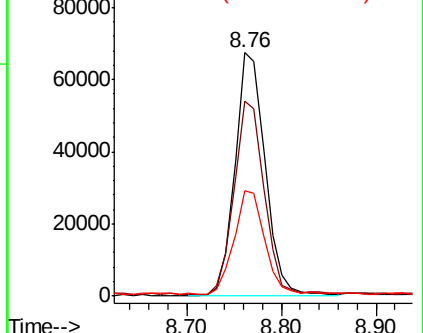
39 43.7 33.3 49.9

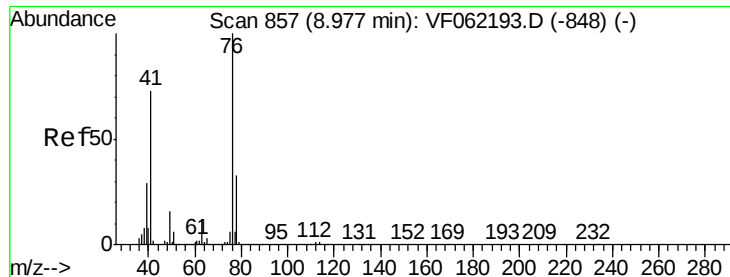


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 53.002 ug/l

RT: 9.01 min Scan# 860

Delta R.T. 0.03 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

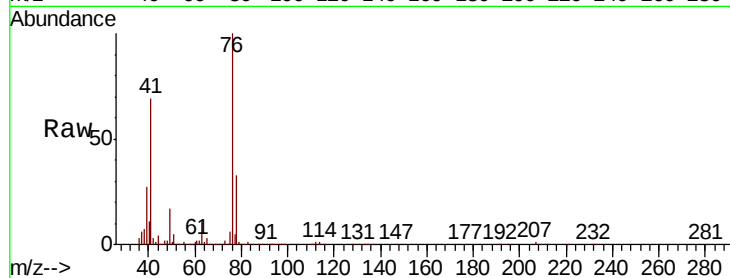
VSTDCCC050EC

Tot Ion: 76 Resp: 214617

Ion Ratio Lower Upper

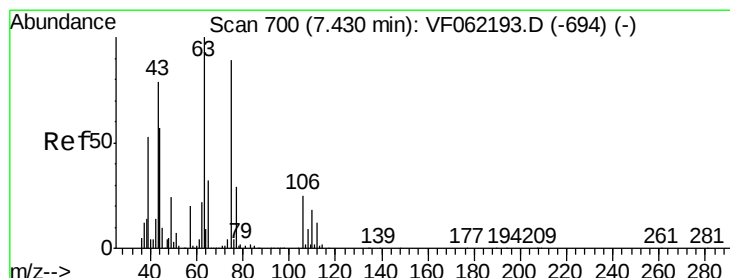
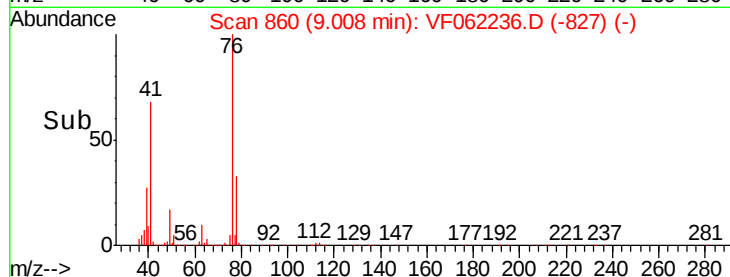
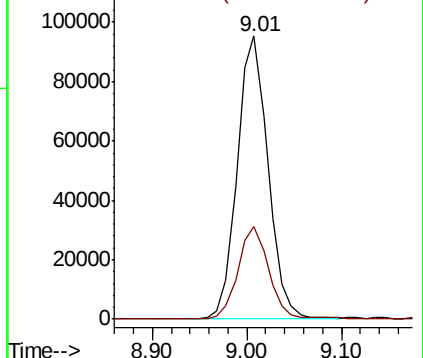
76 100

78 33.0 26.5 39.7



Abundance Ion 75.90 (75.60 to 76.60): VF0

Ion 77.90 (77.60 to 78.60): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 260.021 ug/l

RT: 7.46 min Scan# 703

Delta R.T. 0.03 min

Lab File: VF062236.D

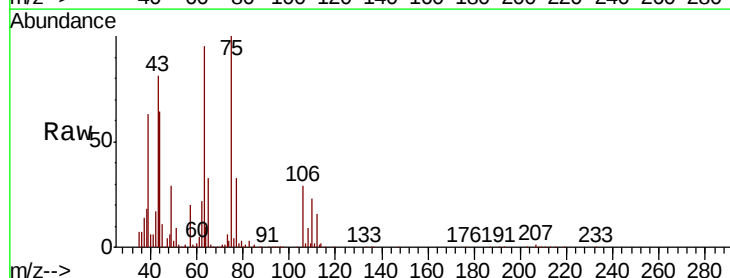
Acq: 19 Apr 2019 21:01

Tgt Ion: 63 Resp: 215234

Ion Ratio Lower Upper

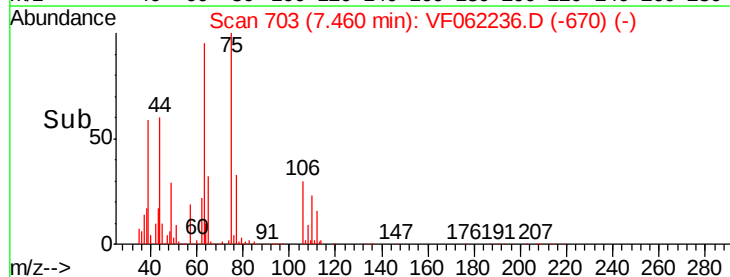
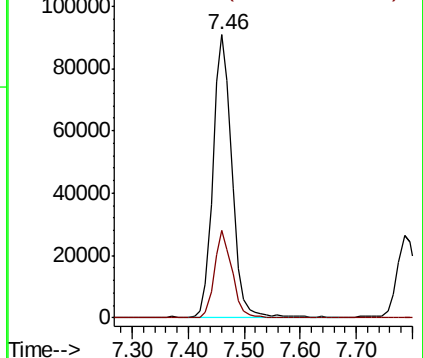
63 100

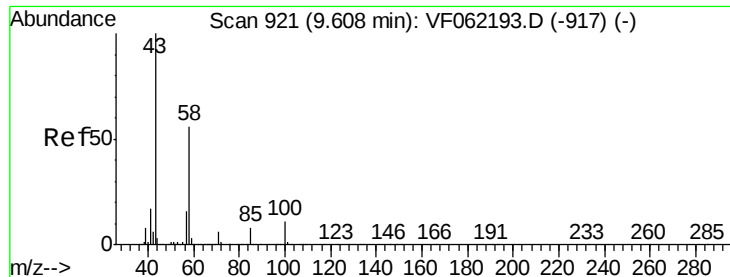
106 28.9 21.4 32.0



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 105.90 (105.60 to 106.60): V

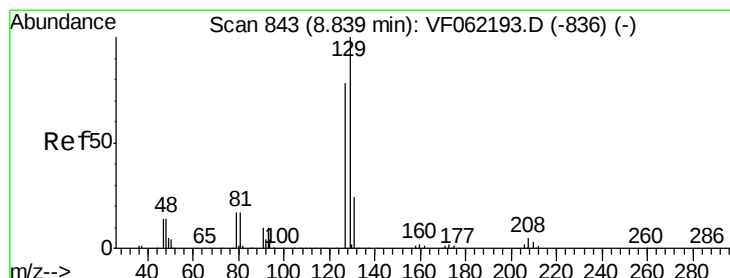
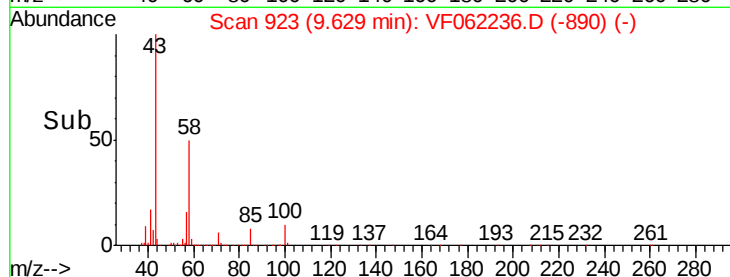
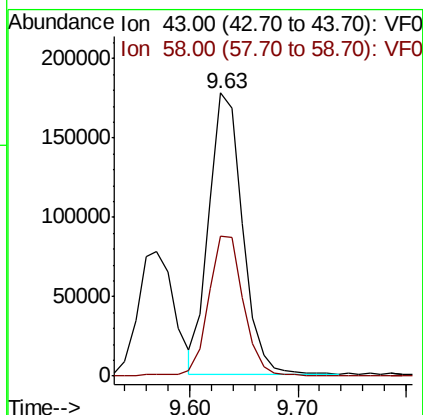
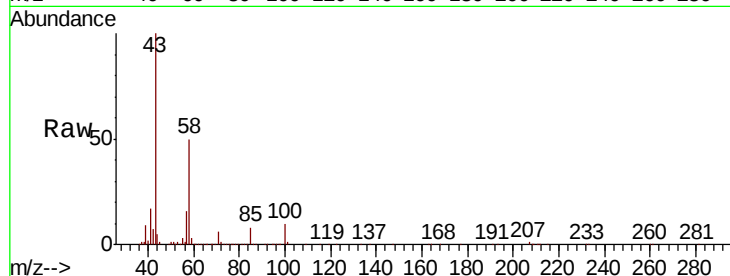




#59
2-Hexanone
Concen: 256.848 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.02 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

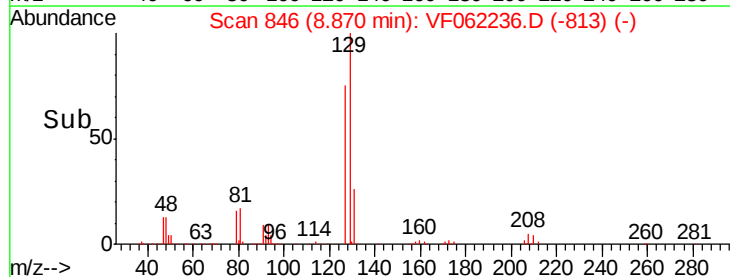
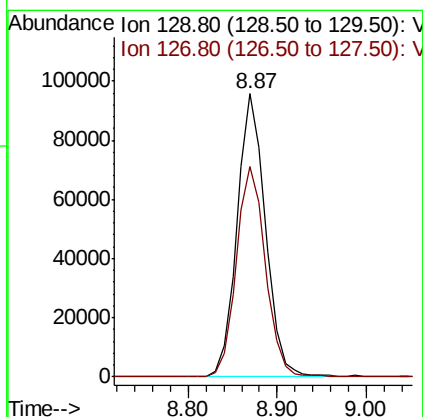
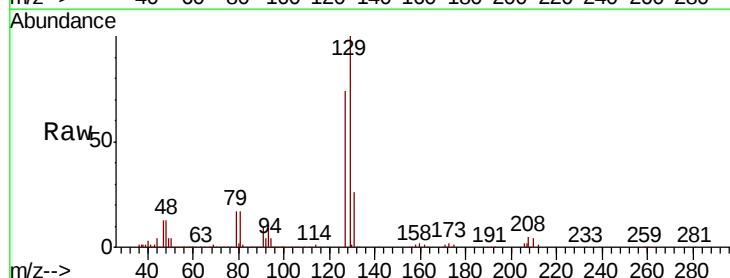
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

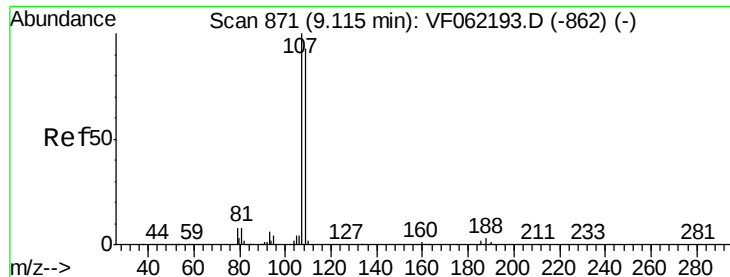
Tot Ion: 43 Resp: 382794
Ion Ratio Lower Upper
43 100
58 52.8 24.6 74.0



#60
Dibromochloromethane
Concen: 56.883 ug/l
RT: 8.87 min Scan# 846
Delta R.T. 0.03 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

Tgt Ion: 129 Resp: 212136
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0





#61

1,2-Dibromoethane

Concen: 54.346 ug/l

RT: 9.15 min Scan# 874

Delta R.T. 0.03 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

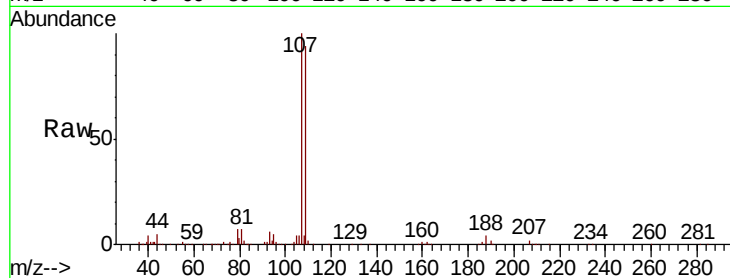
VSTDCCC050EC

Tot Ion:107 Resp: 153536

Ion Ratio Lower Upper

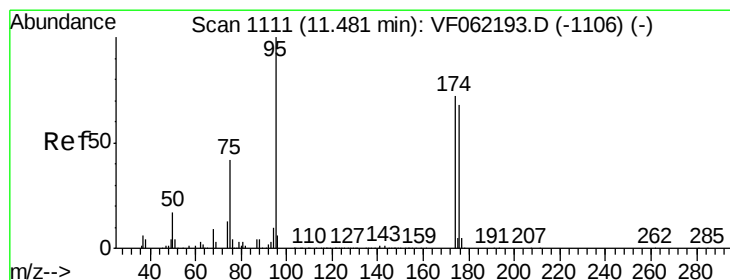
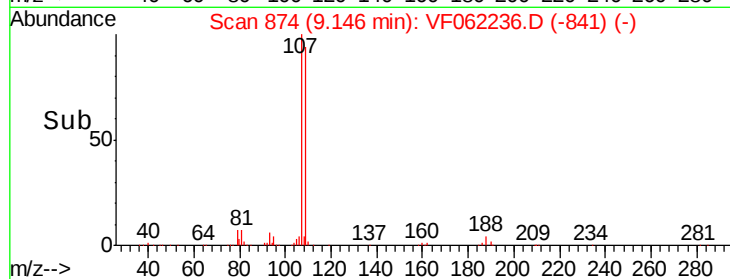
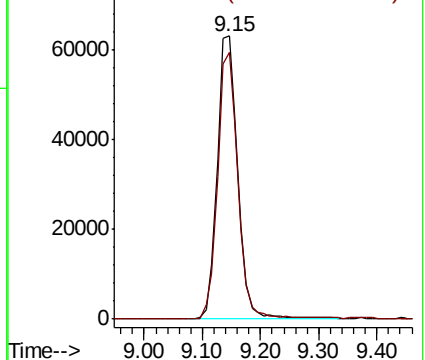
107 100

109 91.7 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.257 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

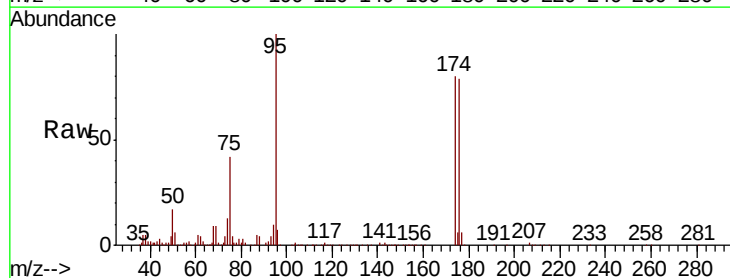
Tgt Ion: 95 Resp: 258765

Ion Ratio Lower Upper

95 100

174 87.9 0.0 159.4

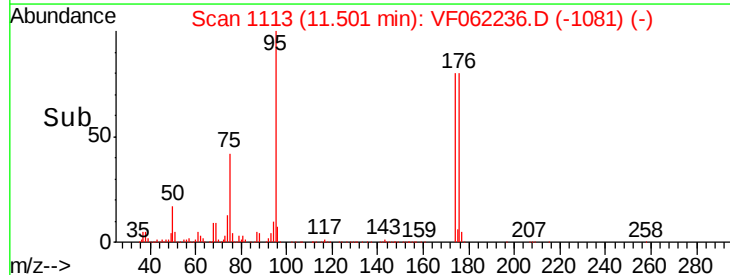
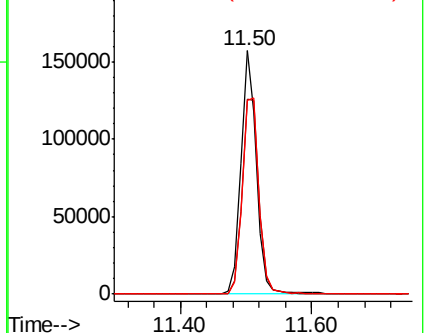
176 87.9 0.0 155.4

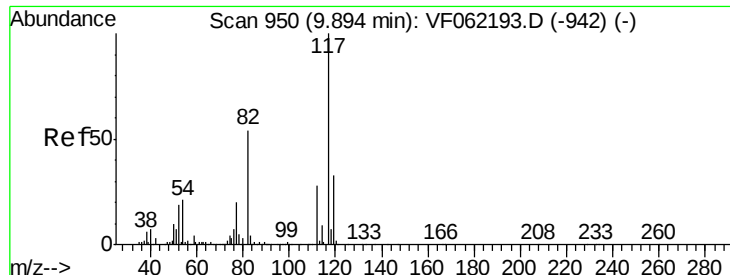


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

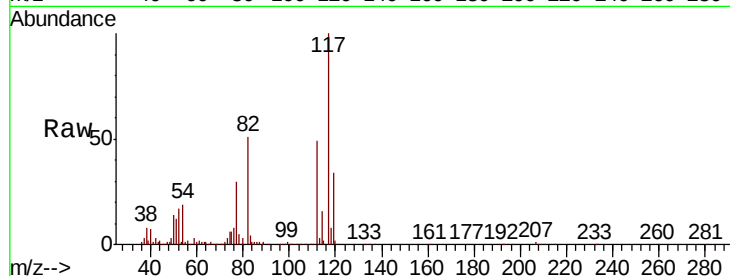




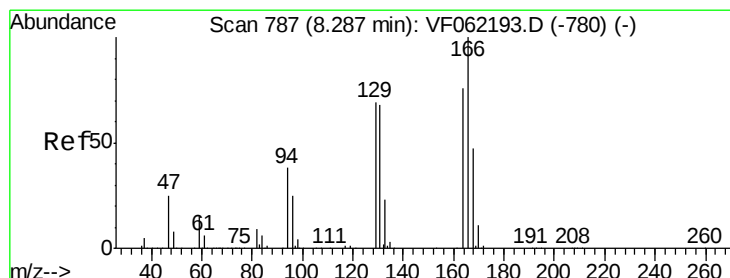
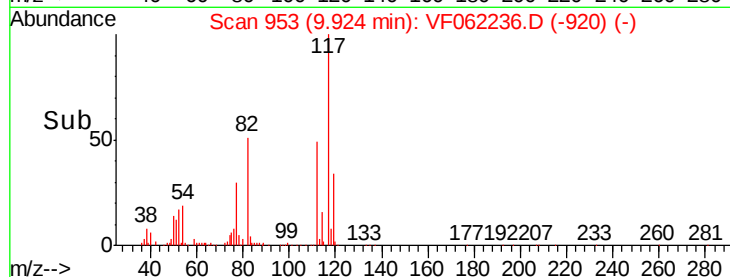
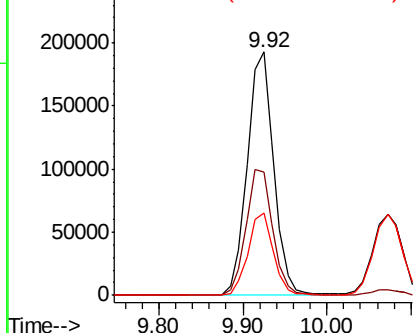
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 426884
Ion Ratio Lower Upper
117 100
82 50.6 43.2 64.8
119 33.7 26.2 39.4

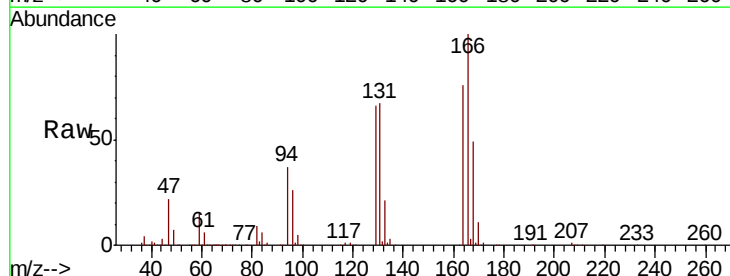


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

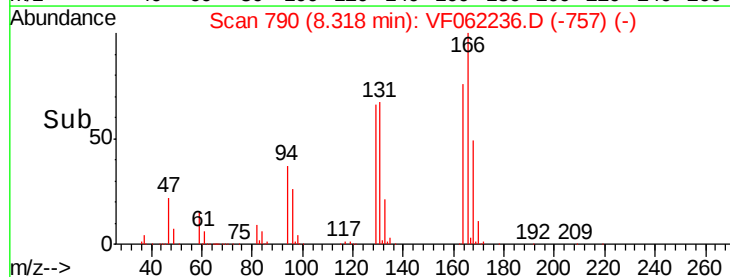
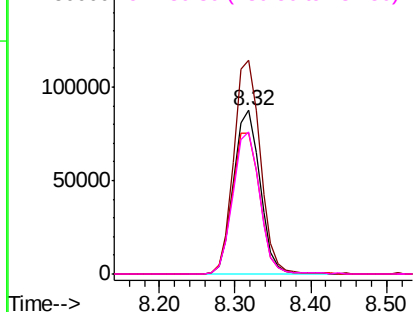


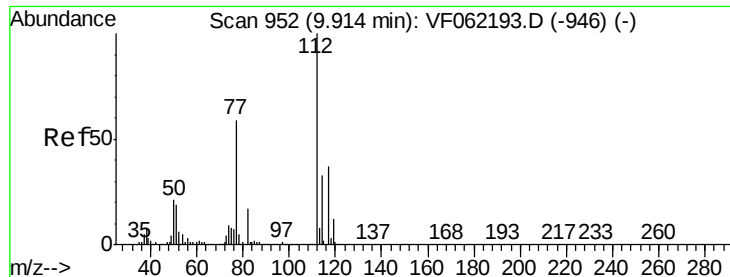
#64
Tetrachloroethene
Concen: 55.022 ug/l
RT: 8.32 min Scan# 790
Delta R.T. 0.03 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

Tgt Ion:164 Resp: 212030
Ion Ratio Lower Upper
164 100
166 130.7 104.7 157.1
129 86.5 72.6 109.0
131 87.0 71.6 107.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 53.800 ug/l

RT: 9.94 min Scan# 955

Delta R.T. 0.03 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

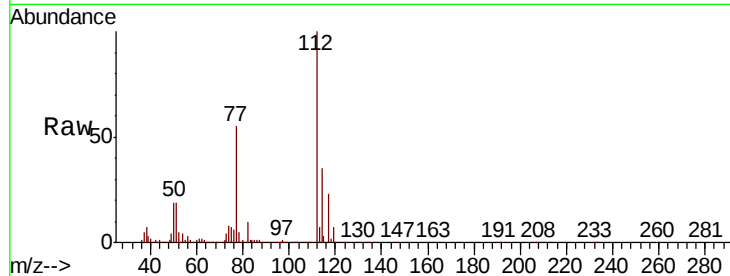
VSTDCCC050EC

Tot Ion:112 Resp: 489712

Ion Ratio Lower Upper

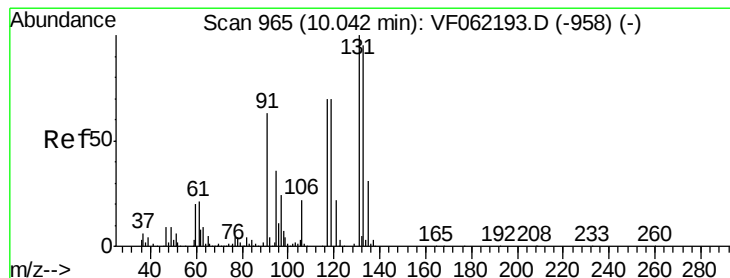
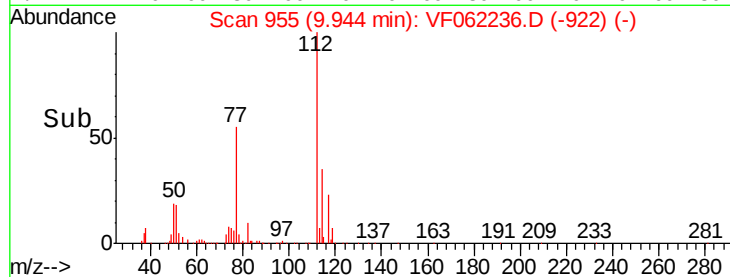
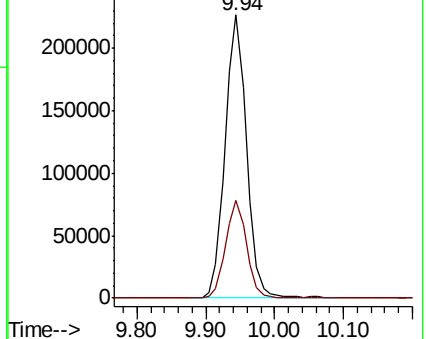
112 100

114 34.7 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.732 ug/l

RT: 10.07 min Scan# 968

Delta R.T. 0.03 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

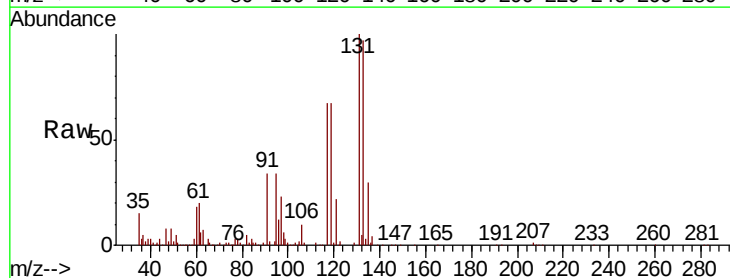
Tgt Ion:131 Resp: 224775

Ion Ratio Lower Upper

131 100

133 97.0 47.7 143.1

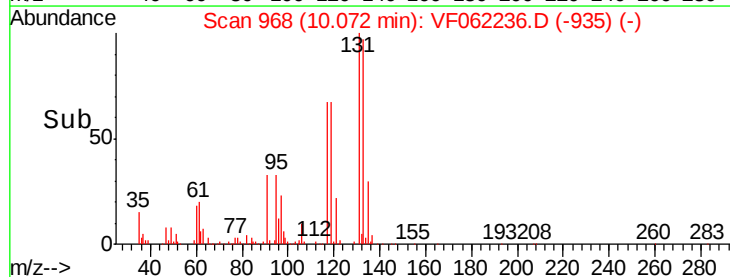
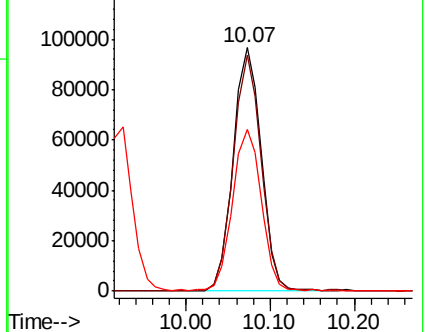
119 68.2 34.6 103.9

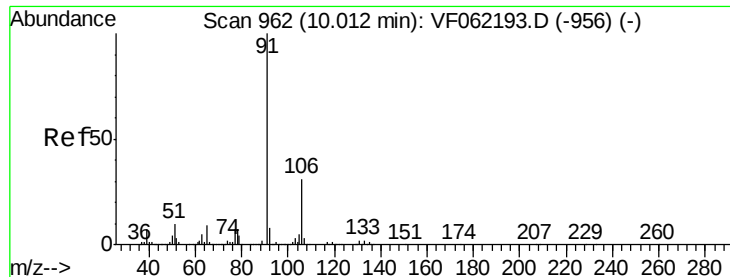


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

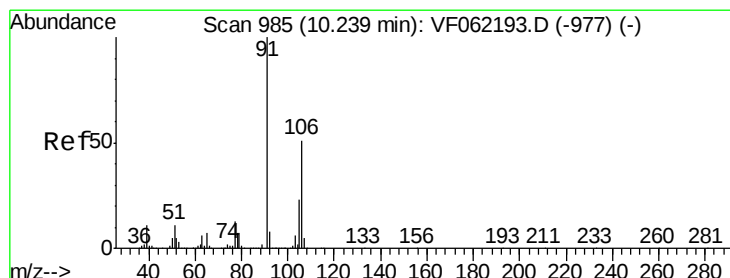
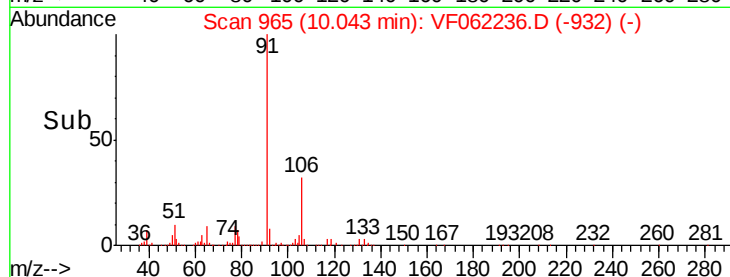
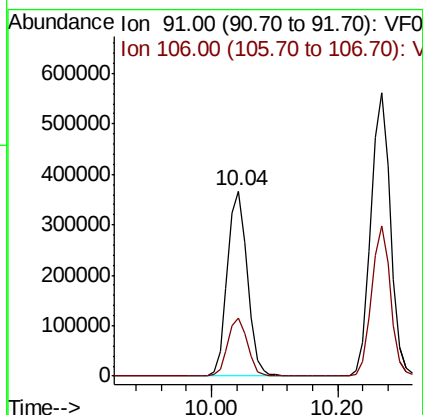
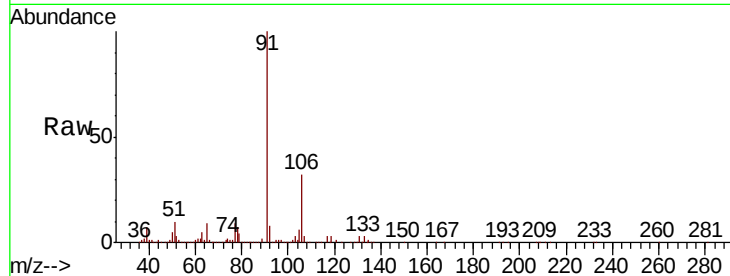




#67
Ethyl Benzene
Concen: 48.584 ug/l
RT: 10.04 min Scan# 965
Delta R.T. 0.03 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

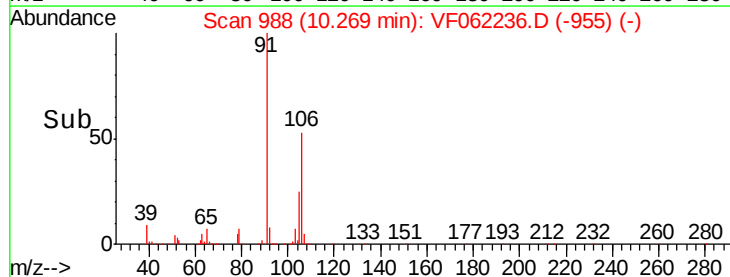
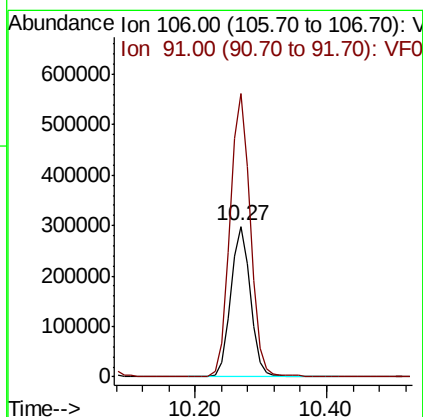
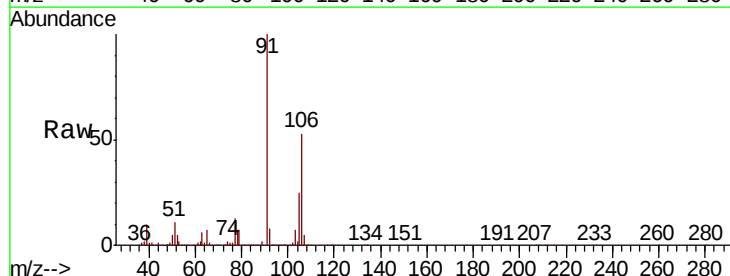
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

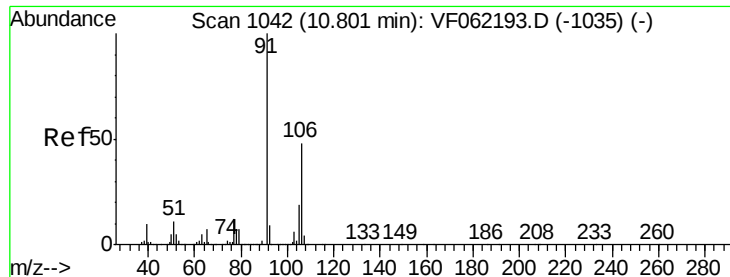
Tot Ion: 91 Resp: 804140
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 102.914 ug/l
RT: 10.27 min Scan# 988
Delta R.T. 0.03 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

Tgt Ion: 106 Resp: 627063
Ion Ratio Lower Upper
106 100
91 194.6 159.1 238.7

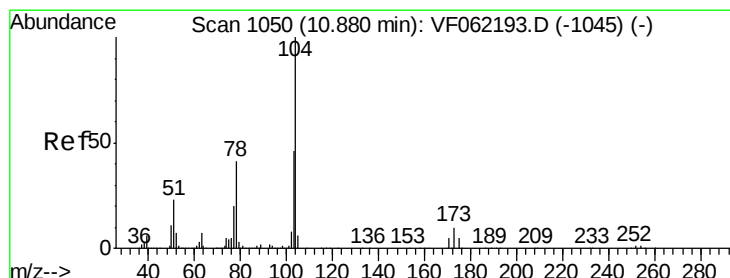
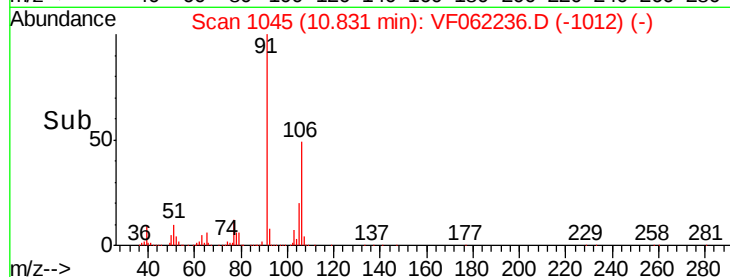
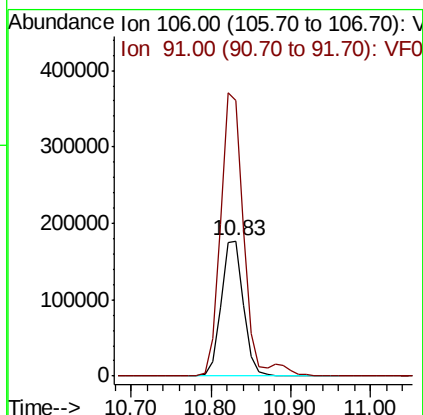
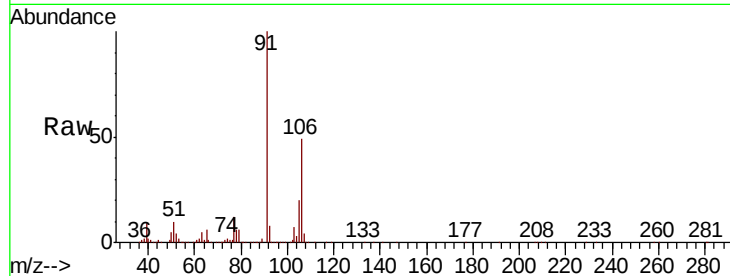




#69
o-Xylene
Concen: 51.949 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. 0.03 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

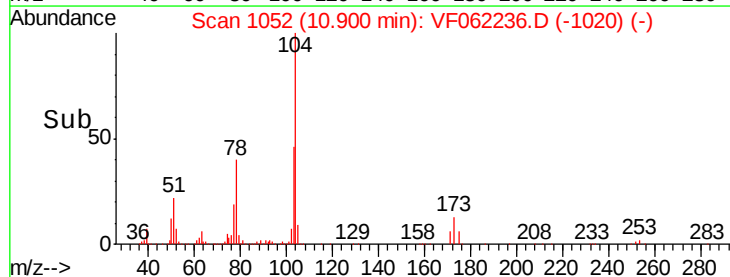
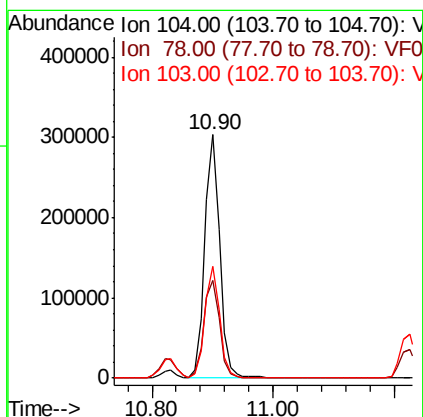
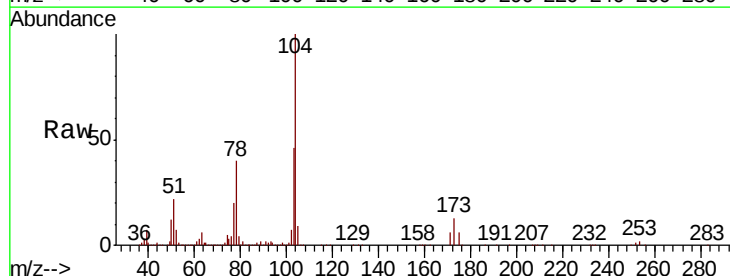
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

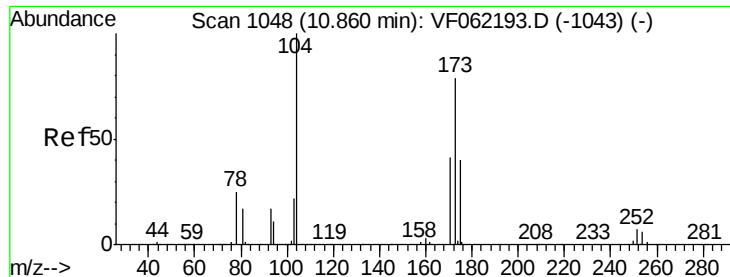
Tot Ion:106 Resp: 351431
Ion Ratio Lower Upper
106 100
91 210.4 107.5 322.4



#70
Styrene
Concen: 54.524 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. 0.02 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

Tgt Ion:104 Resp: 520530
Ion Ratio Lower Upper
104 100
78 42.3 34.5 51.7
103 45.5 37.2 55.8





#71

Bromoform

Concen: 58.276 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. 0.03 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

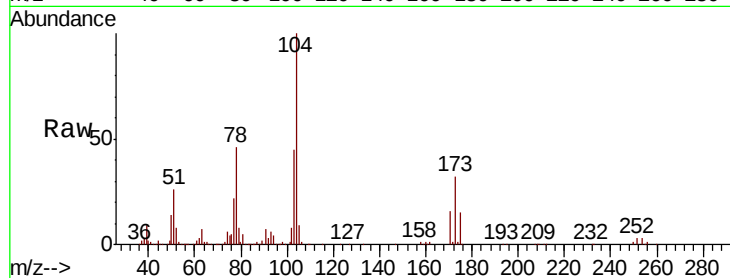
Tot Ion:173 Resp: 131155

Ion Ratio Lower Upper

173 100

175 48.2 24.5 73.5

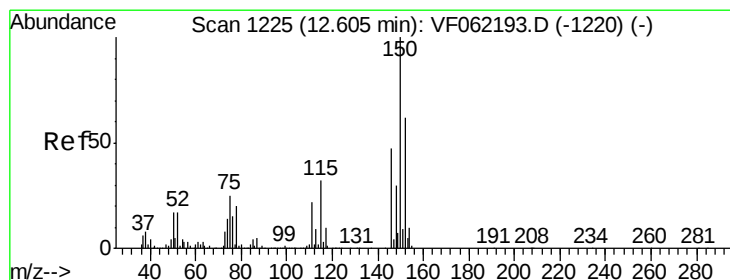
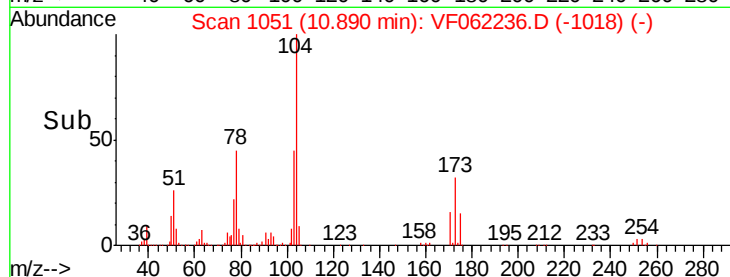
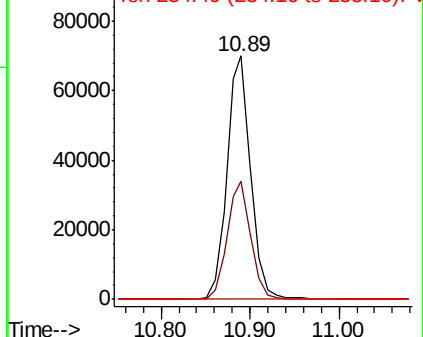
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

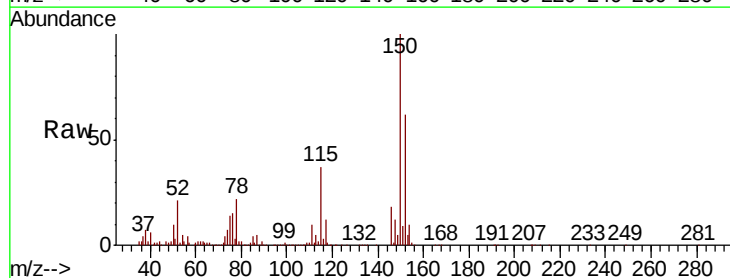
Tgt Ion:152 Resp: 226281

Ion Ratio Lower Upper

152 100

115 54.5 27.8 83.3

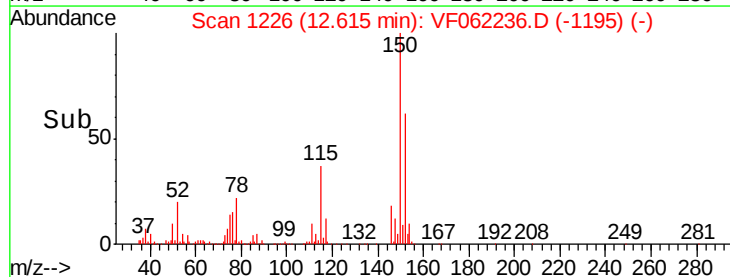
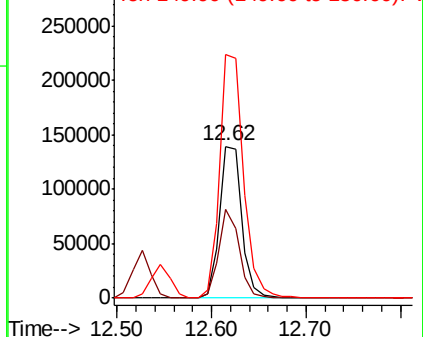
150 171.2 0.0 341.8

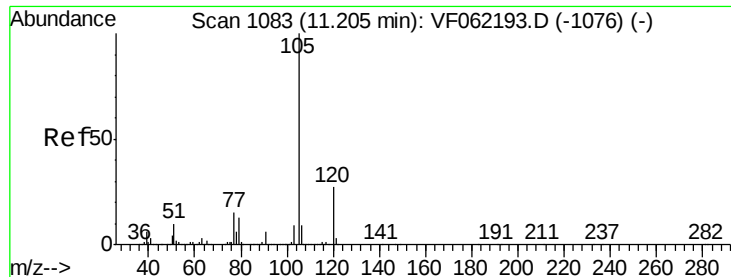


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.892 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

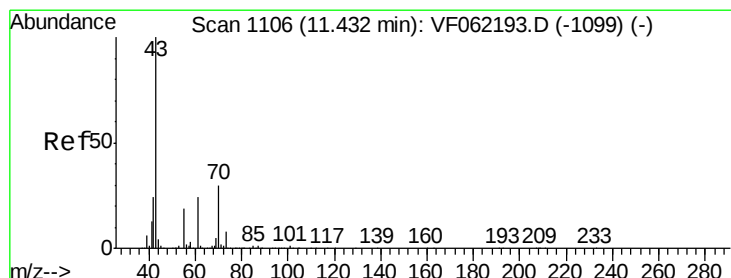
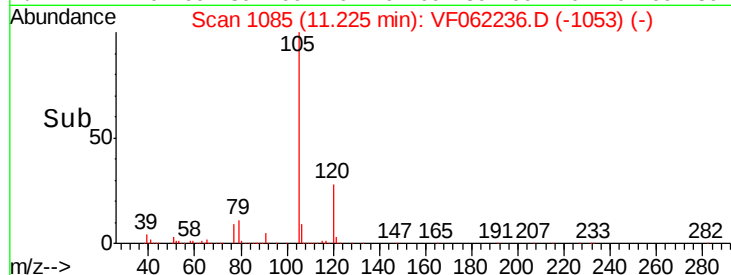
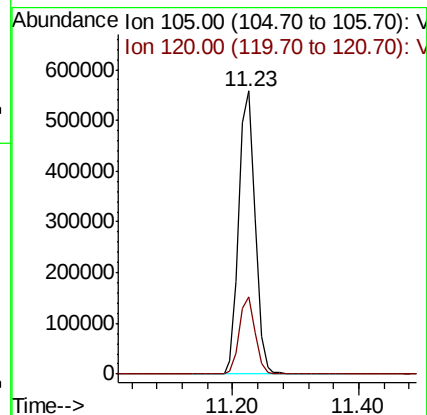
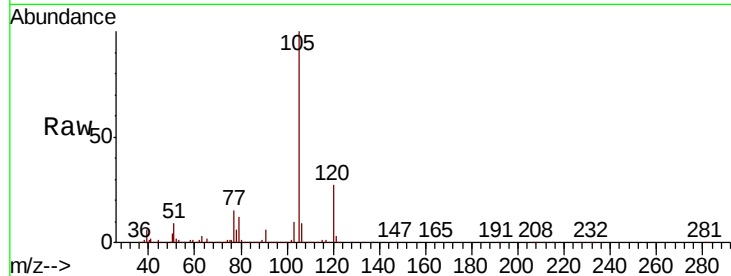
VSTDCCC050EC

Tot Ion: 105 Resp: 989230

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9



#74

N-ethyl acetate

Concen: 53.508 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Tgt Ion: 43 Resp: 246060

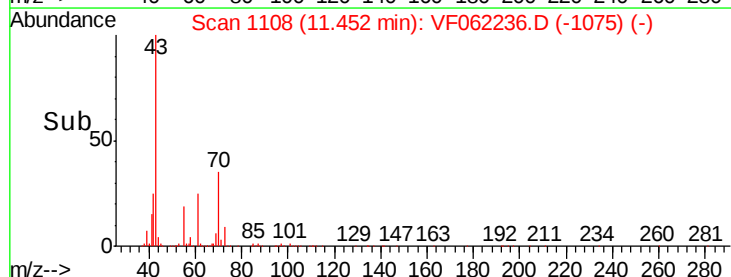
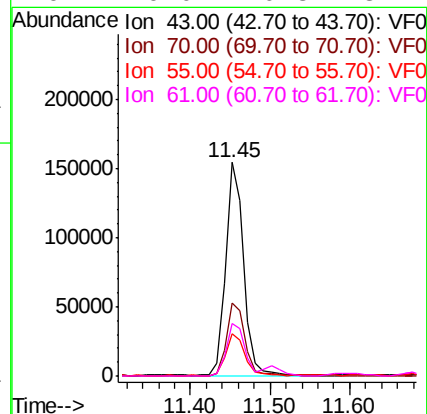
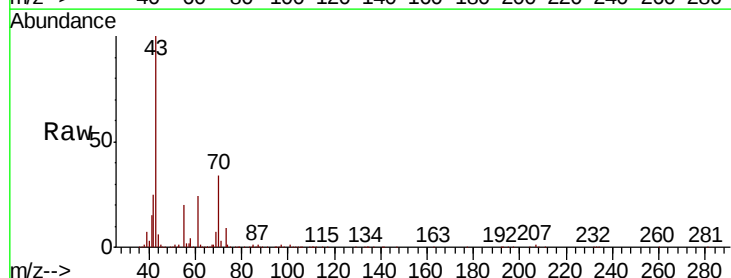
Ion Ratio Lower Upper

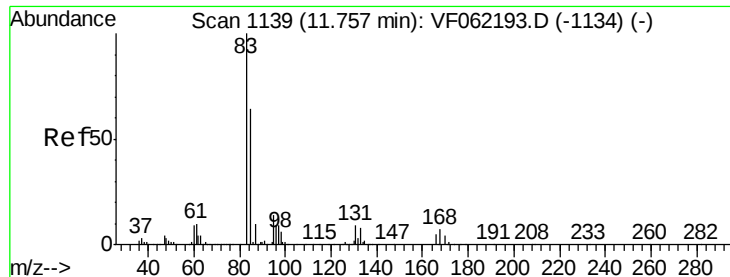
43 100

70 36.1 27.0 40.4

55 21.0 15.7 23.5

61 26.0 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.825 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

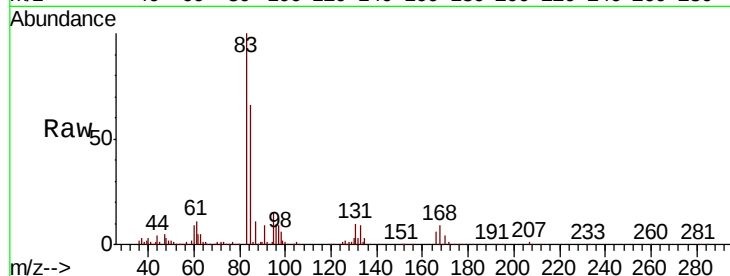
MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 169899

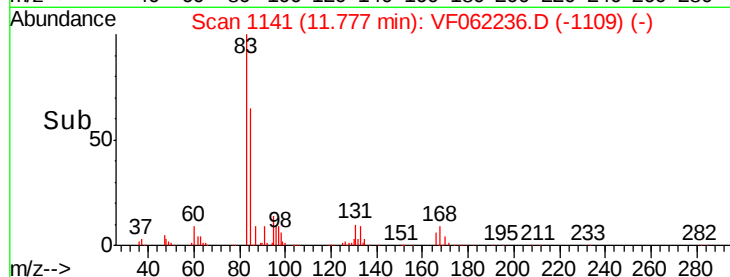
Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.5	13.5
85	70.3	34.7	104.1



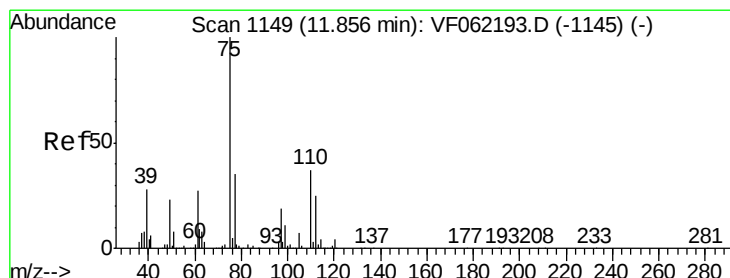
Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0



Time-->



#76

1,2,3-Trichloropropane

Concen: 28.818 ug/l

RT: 11.95 min Scan# 1158

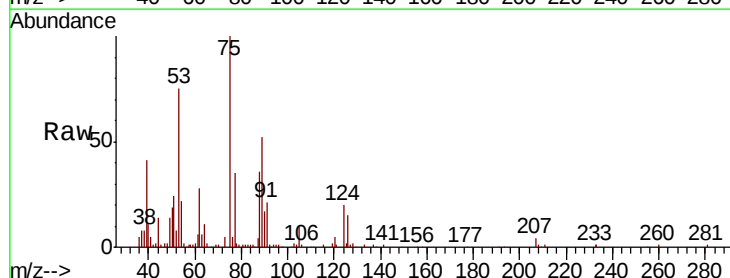
Delta R.T. 0.09 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

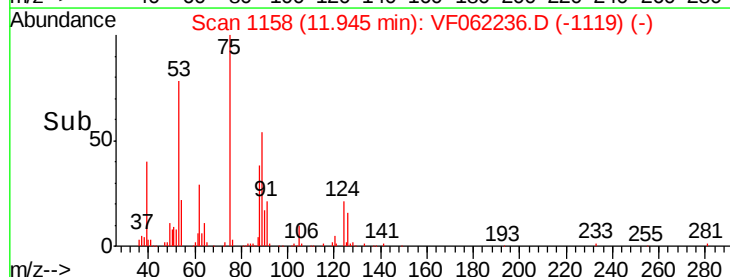
Tgt Ion: 75 Resp: 66277

Ion	Ratio	Lower	Upper
75	100		
77	21.7	7.4	22.2

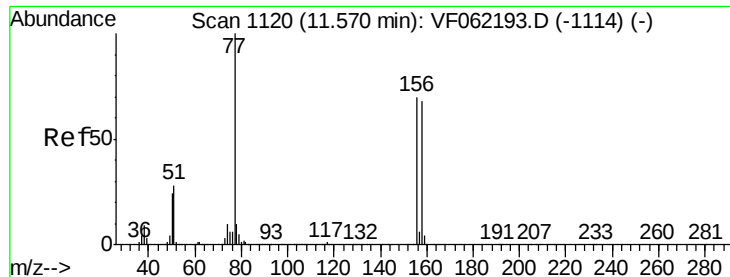


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0



Time-->



#77

Bromobenzene

Concen: 58.662 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

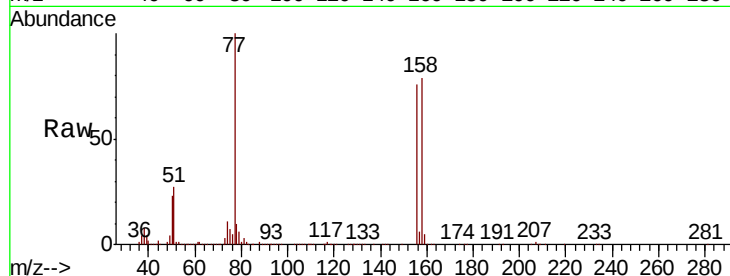
Tot Ion:156 Resp: 244264

Ion Ratio Lower Upper

156 100

77 142.4 80.9 242.7

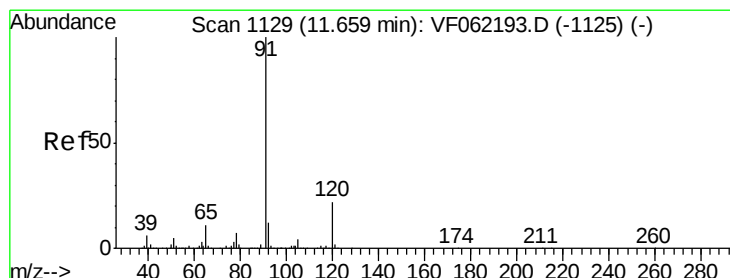
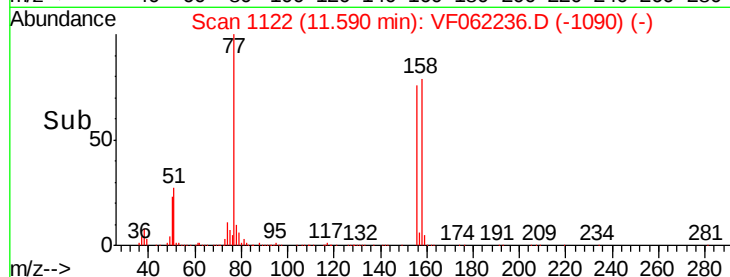
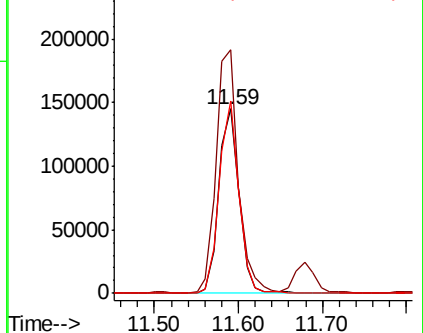
158 101.2 49.8 149.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.958 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. 0.02 min

Lab File: VF062236.D

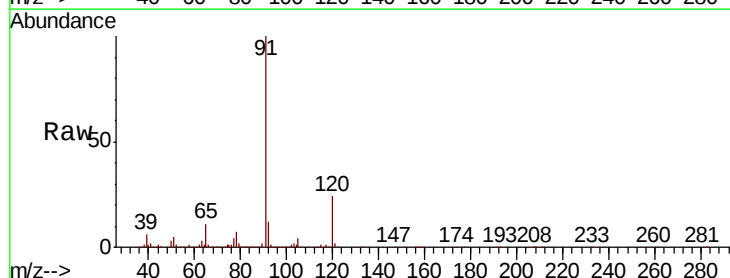
Acq: 19 Apr 2019 21:01

Tgt Ion: 91 Resp: 1003888

Ion Ratio Lower Upper

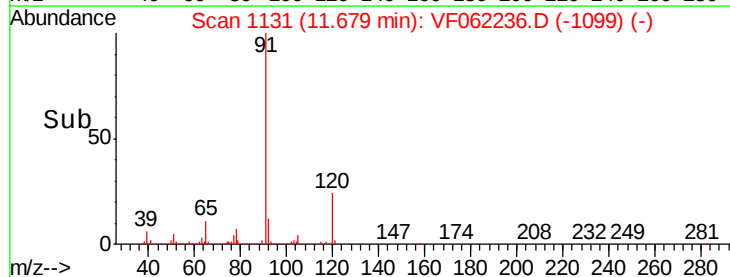
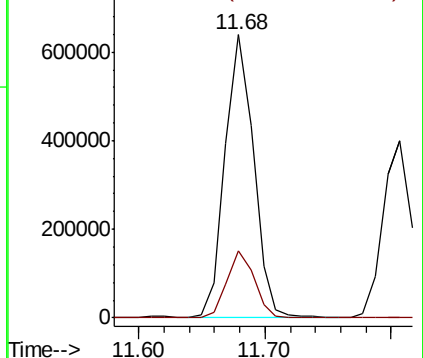
91 100

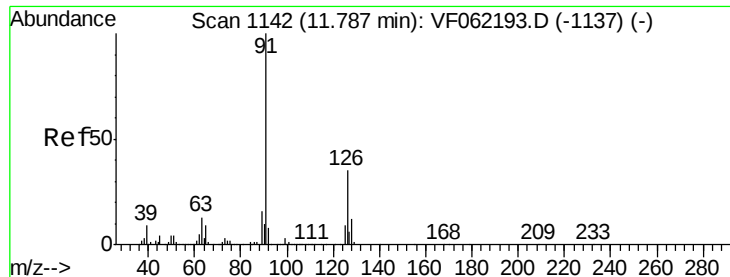
120 22.9 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

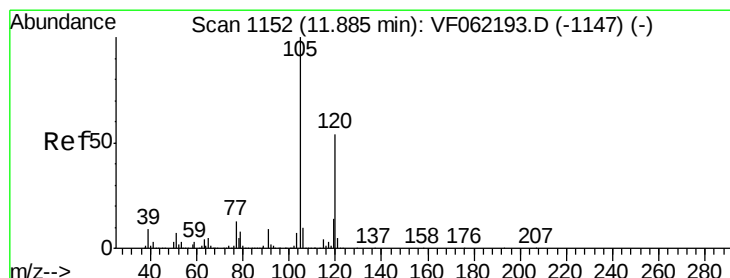
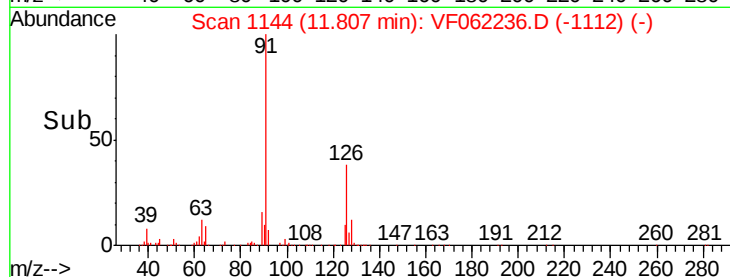
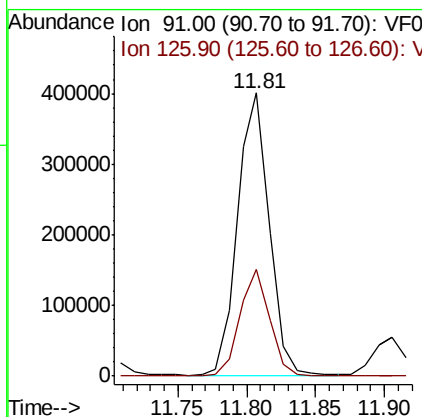
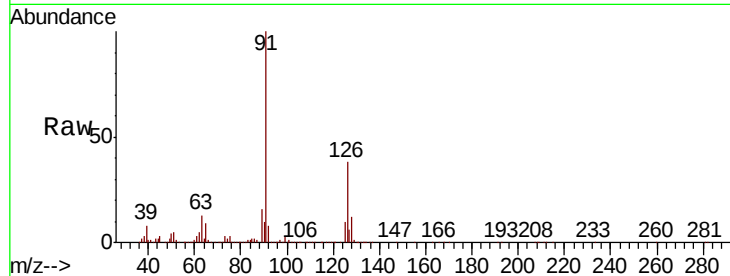




#79
 2-Chlorotoluene
 Concen: 51.177 ug/l
 RT: 11.81 min Scan# 1144
 Delta R.T. 0.02 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

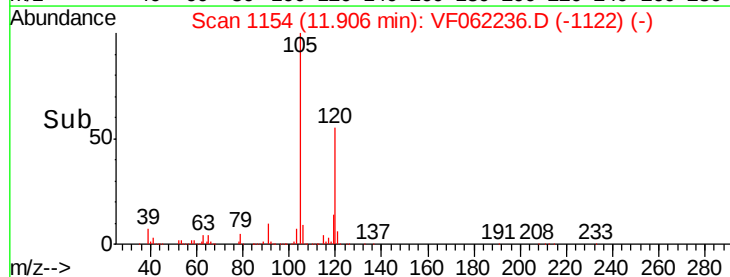
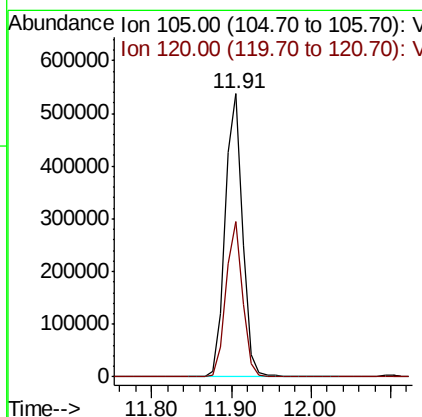
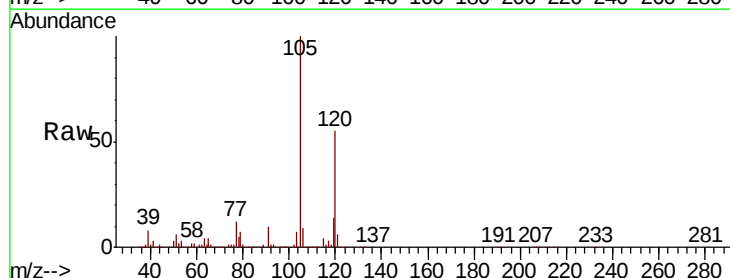
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

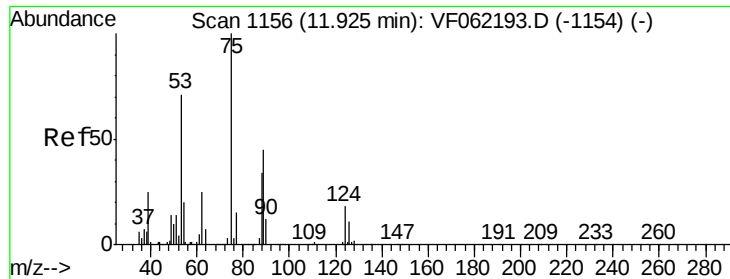
Tot Ion: 91 Resp: 636554
 Ion Ratio Lower Upper
 91 100
 126 36.1 16.9 50.6



#80
 1,3,5-Trimethylbenzene
 Concen: 51.169 ug/l
 RT: 11.91 min Scan# 1154
 Delta R.T. 0.02 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

Tgt Ion: 105 Resp: 828379
 Ion Ratio Lower Upper
 105 100
 120 52.9 26.2 78.5





#81

trans-1,4-Dichloro-2-butene

Concen: 56.777 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

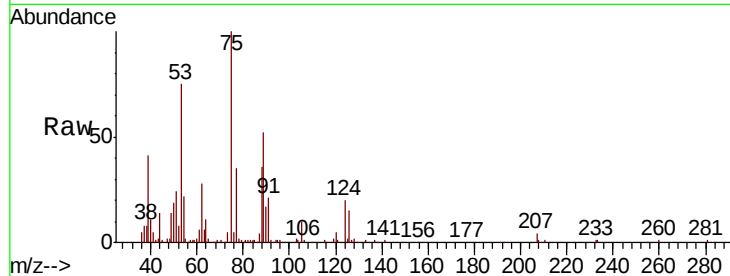
Tot Ion: 75 Resp: 66595

Ion Ratio Lower Upper

75 100

53 53.2 50.2 75.4

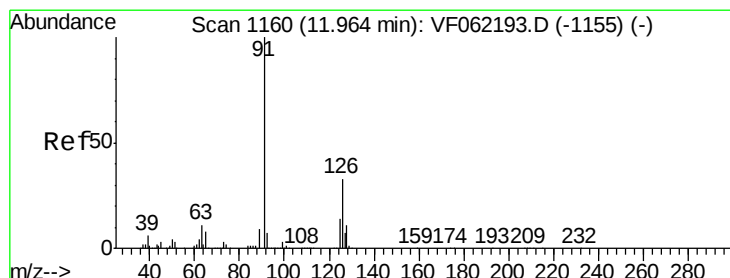
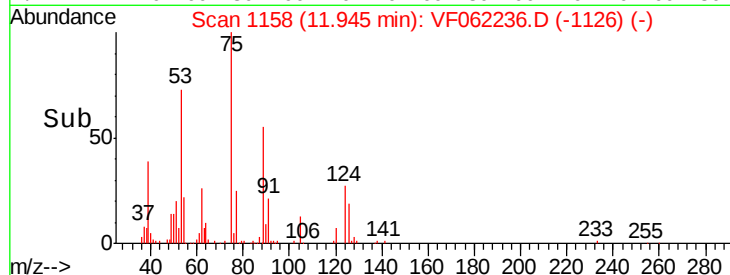
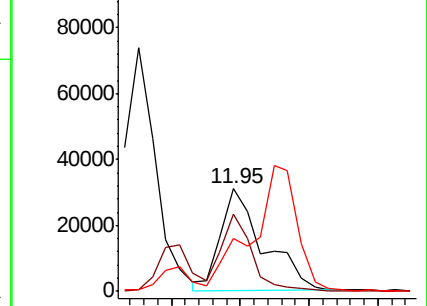
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0



#82

4-Chlorotoluene

Concen: 50.323 ug/l

RT: 11.98 min Scan# 1162

Delta R.T. 0.02 min

Lab File: VF062236.D

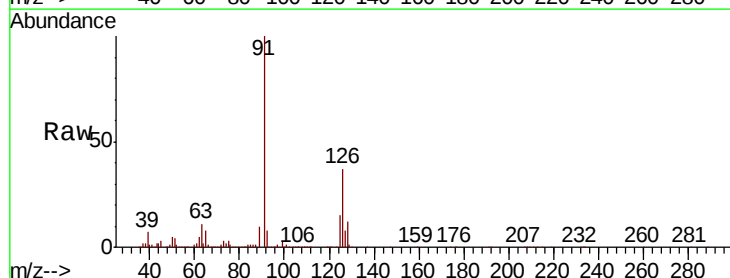
Acq: 19 Apr 2019 21:01

Tgt Ion: 91 Resp: 604924

Ion Ratio Lower Upper

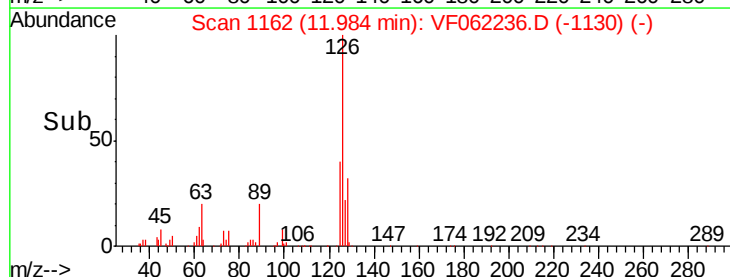
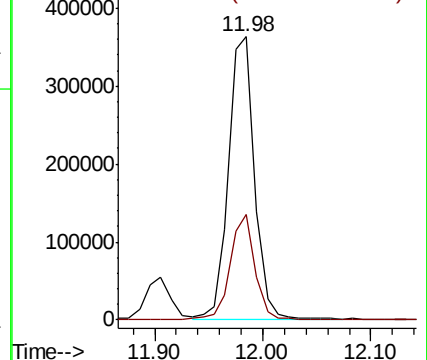
91 100

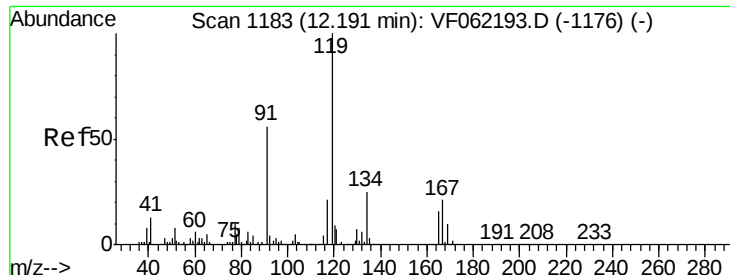
126 35.8 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V

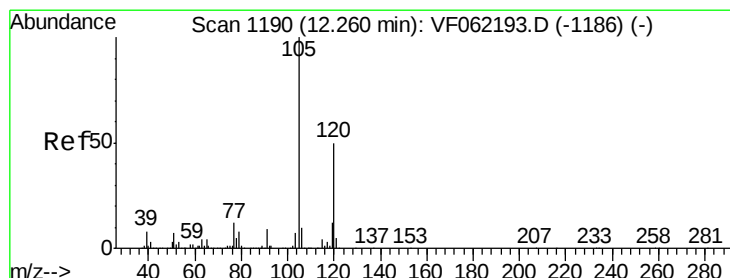
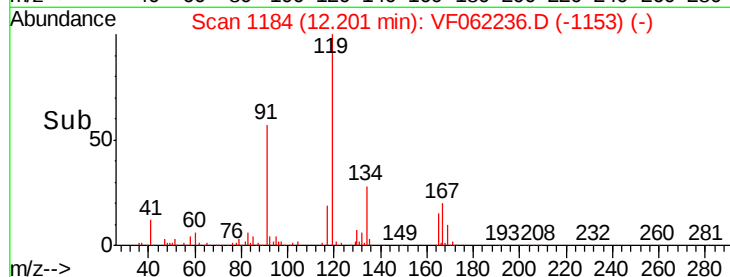
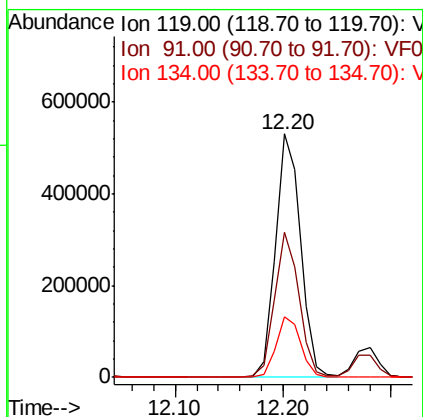
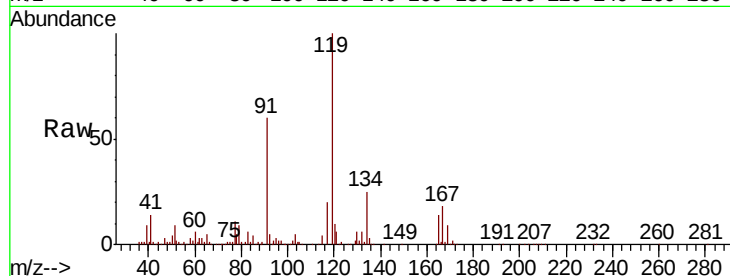




#83
tert-Butylbenzene
Concen: 51.670 ug/l
RT: 12.20 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

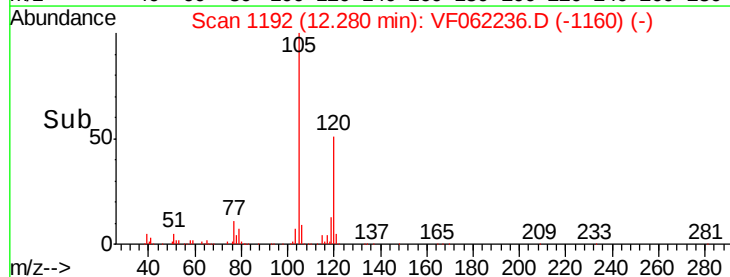
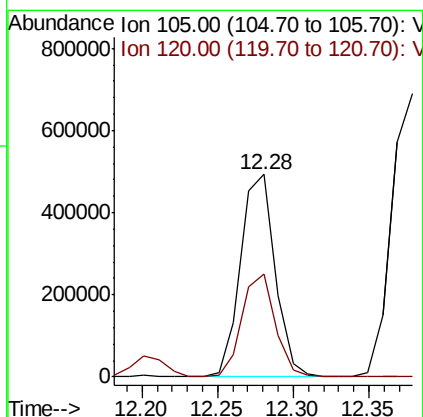
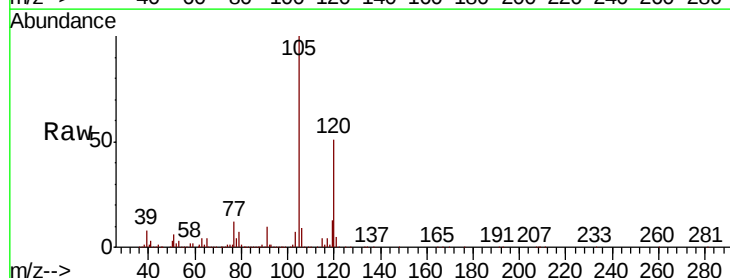
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

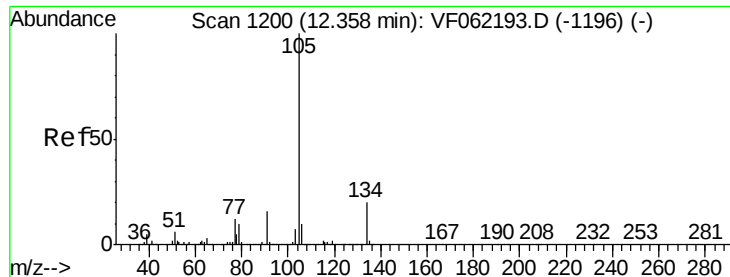
Tot Ion:119 Resp: 865047
Ion Ratio Lower Upper
119 100
91 57.8 29.4 88.2
134 24.5 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 50.129 ug/l
RT: 12.28 min Scan# 1192
Delta R.T. 0.02 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

Tgt Ion:105 Resp: 785332
Ion Ratio Lower Upper
105 100
120 48.9 24.0 72.0





#85

sec-Butylbenzene

Concen: 50.154 ug/l

RT: 12.38 min Scan# 1202

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

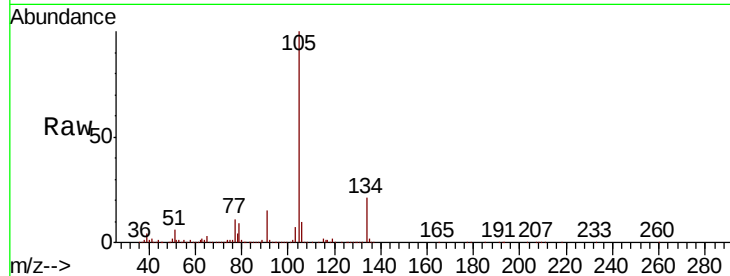
VSTDCCC050EC

Tot Ion:105 Resp: 1090112

Ion Ratio Lower Upper

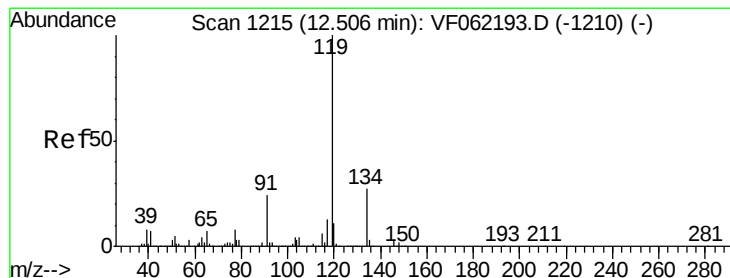
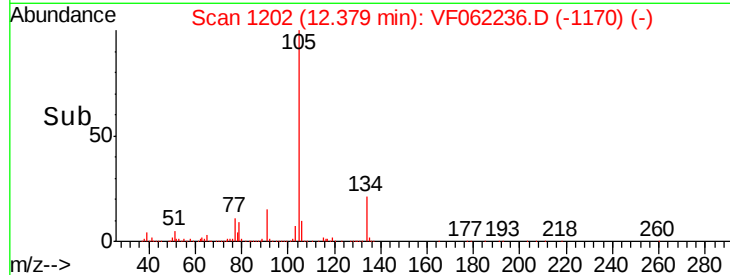
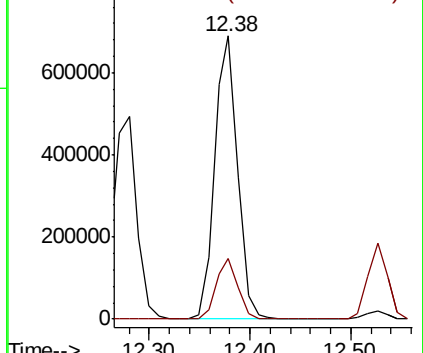
105 100

134 20.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.947 ug/l

RT: 12.53 min Scan# 1217

Delta R.T. 0.02 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

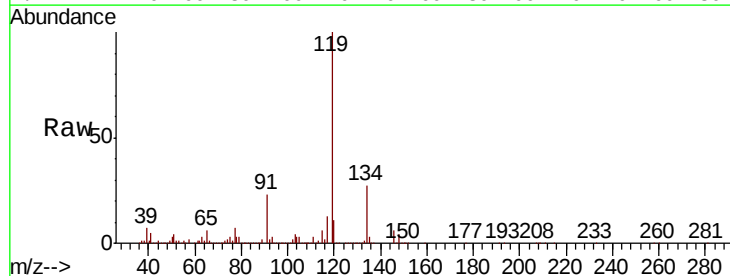
Tgt Ion:119 Resp: 939328

Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

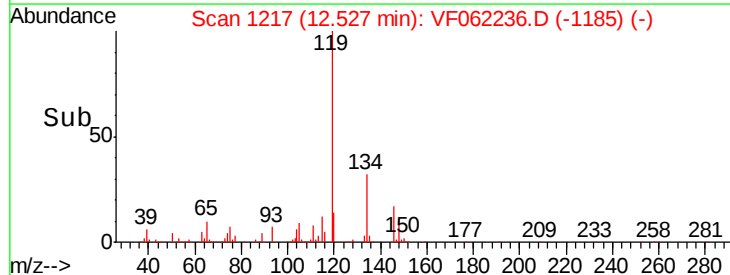
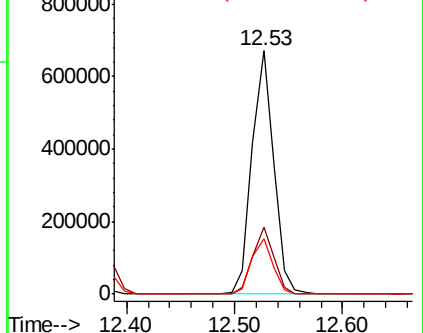
91 22.7 11.7 35.1

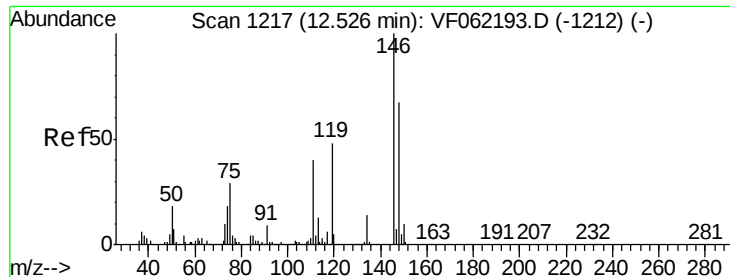


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

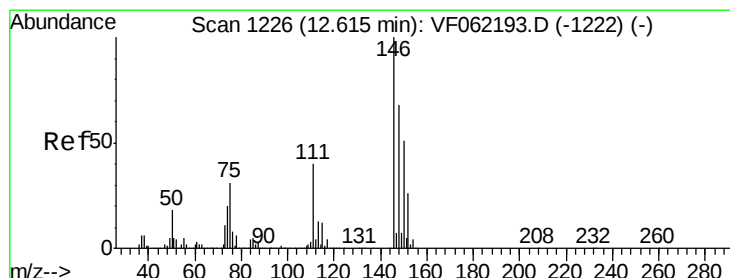
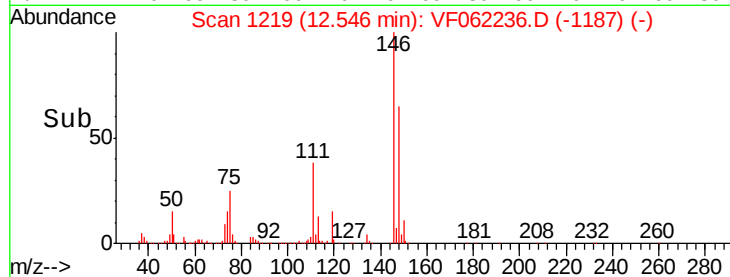
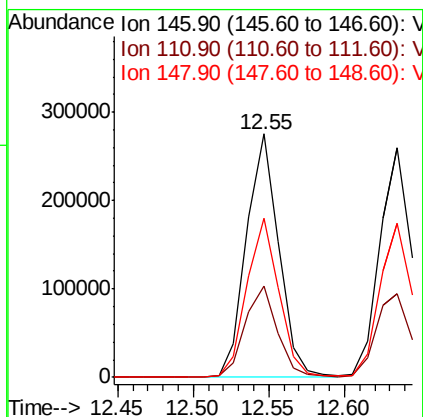
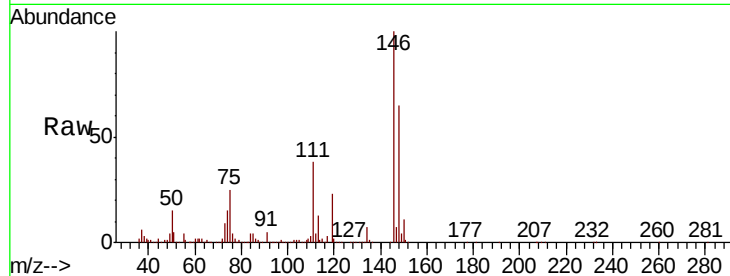




#87
 1,3-Dichlorobenzene
 Concen: 53.489 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. 0.02 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

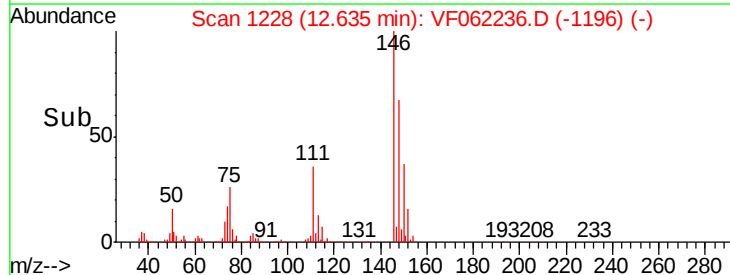
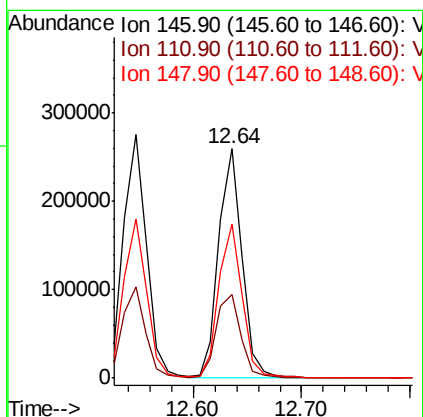
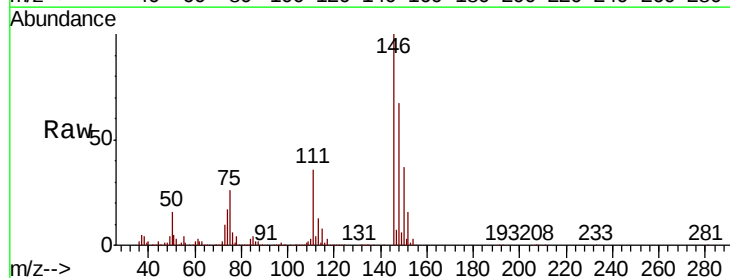
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

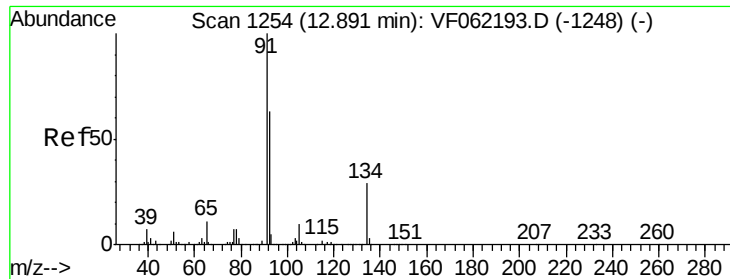
Tot Ion:146 Resp: 413305
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.7 59.0
 148 64.7 32.9 98.6



#88
 1,4-Dichlorobenzene
 Concen: 52.488 ug/l
 RT: 12.64 min Scan# 1228
 Delta R.T. 0.02 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

Tgt Ion:146 Resp: 391199
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.0 60.0
 148 67.2 33.6 100.8





#89

n-Butylbenzene

Concen: 55.224 ug/l

RT: 12.90 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VF062236.D

Acq: 19 Apr 2019 21:01

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

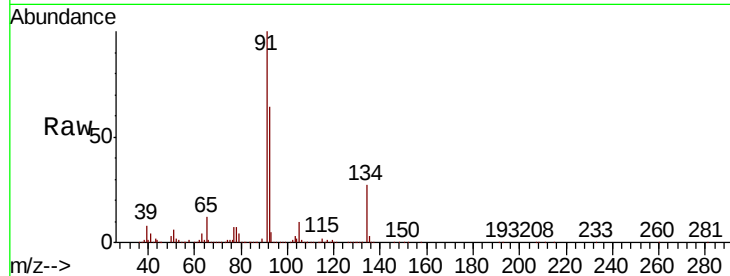
Tot Ion: 91 Resp: 829140

Ion Ratio Lower Upper

91 100

92 62.5 31.2 93.6

134 28.1 13.1 39.1

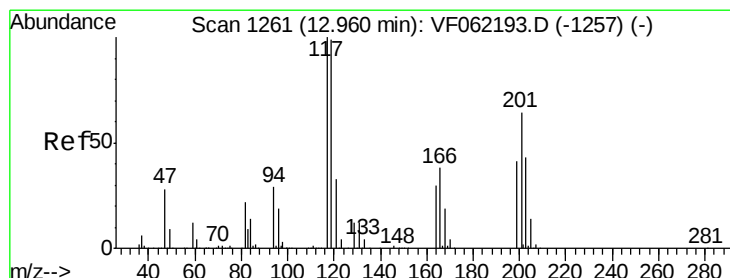
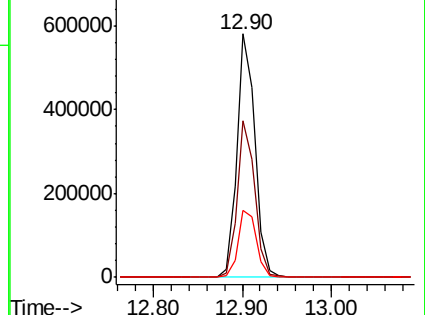
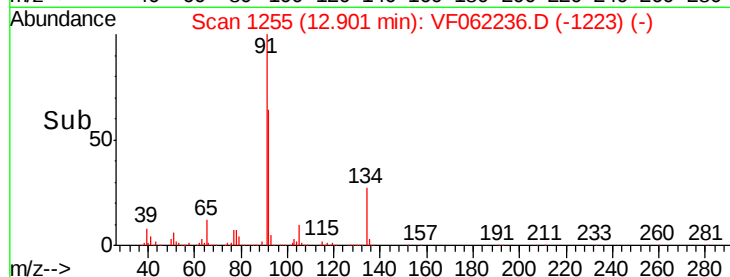


Abundance

Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 52.936 ug/l

RT: 12.98 min Scan# 1263

Delta R.T. 0.02 min

Lab File: VF062236.D

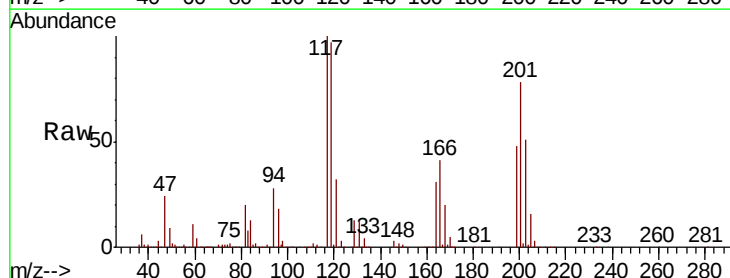
Acq: 19 Apr 2019 21:01

Tgt Ion: 117 Resp: 250628

Ion Ratio Lower Upper

117 100

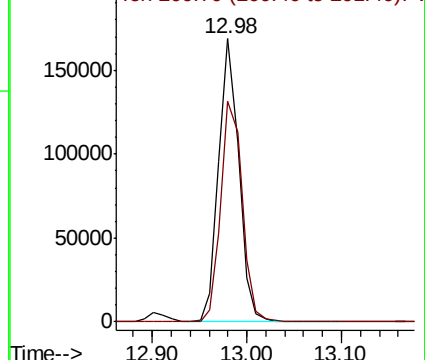
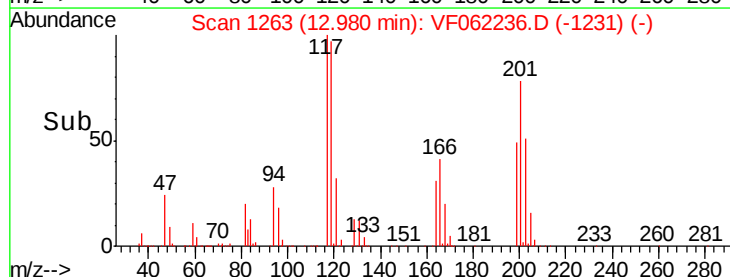
201 83.1 37.7 113.1

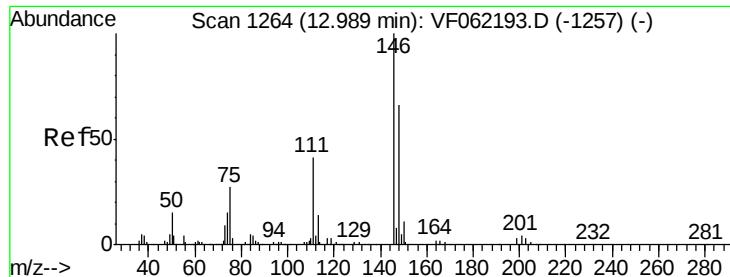


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

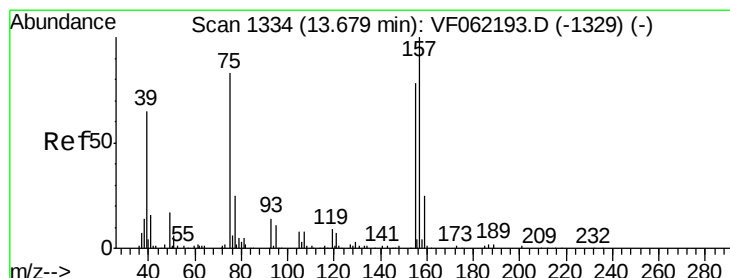
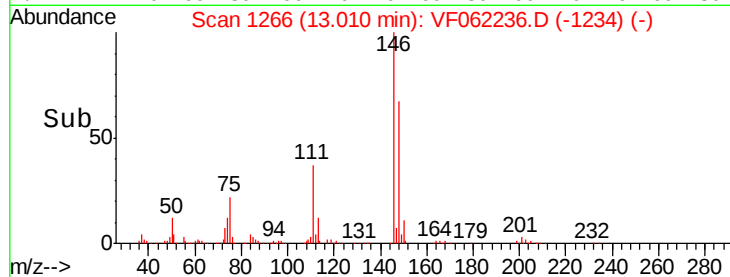
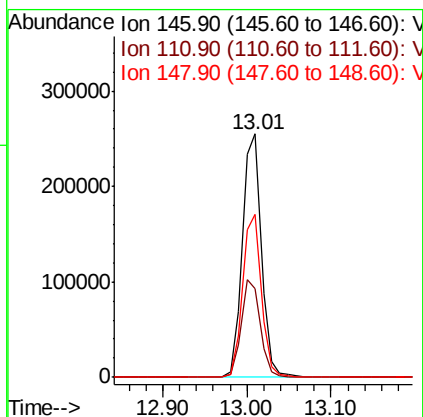
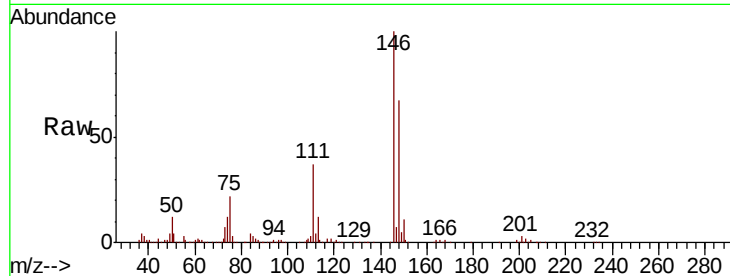




#91
 1,2-Dichlorobenzene
 Concen: 53.593 ug/l
 RT: 13.01 min Scan# 1266
 Delta R.T. 0.02 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

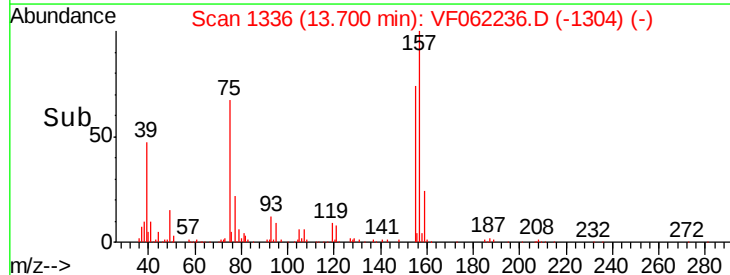
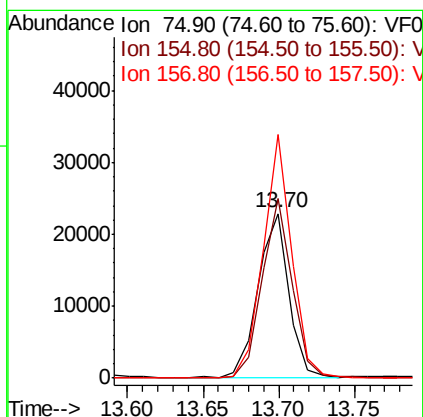
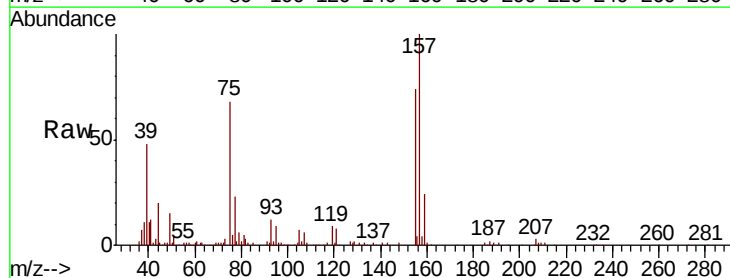
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

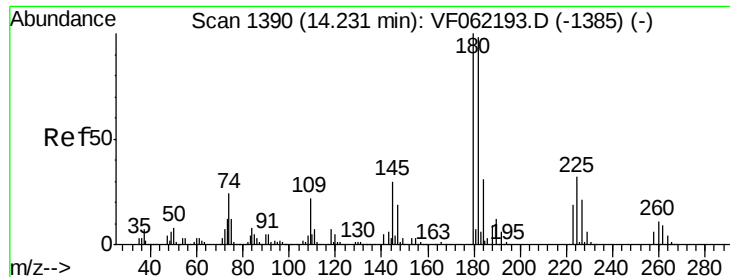
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.8	62.5
148	66.3	33.0	99.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.019 ug/l
 RT: 13.70 min Scan# 1336
 Delta R.T. 0.02 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.2	47.6	142.8
157	136.3	61.3	183.9

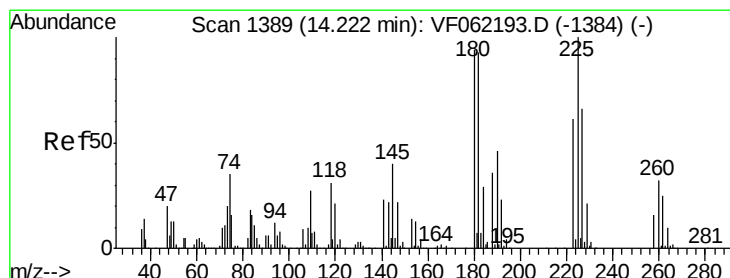
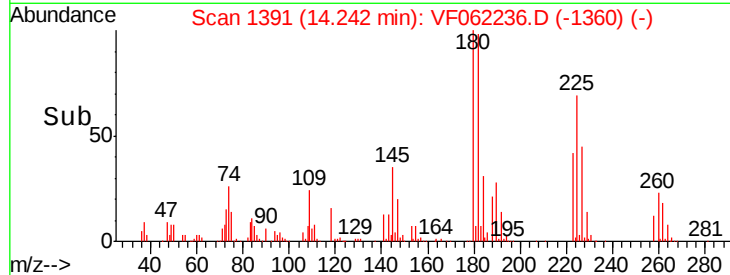
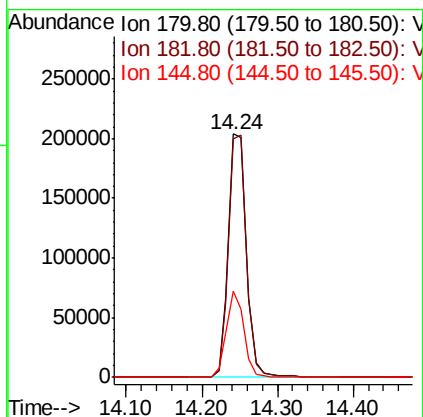
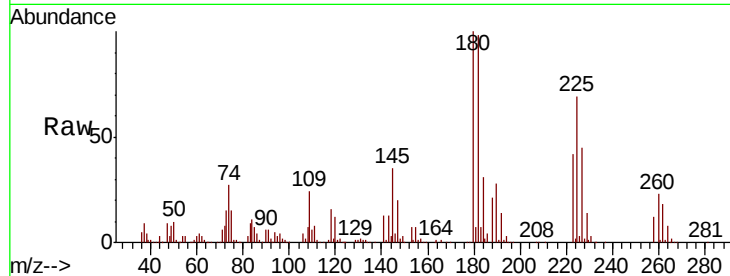




#93
 1,2,4-Trichlorobenzene
 Concen: 53.717 ug/l
 RT: 14.24 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

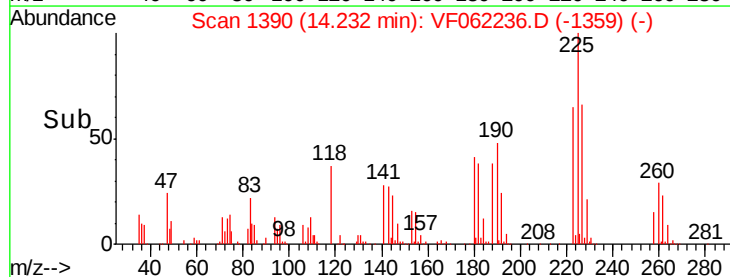
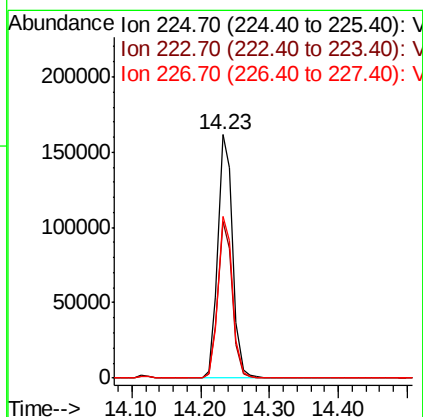
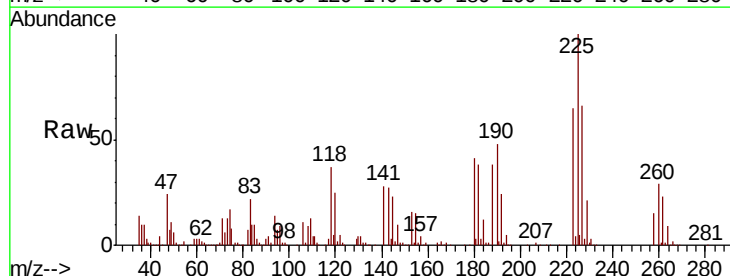
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

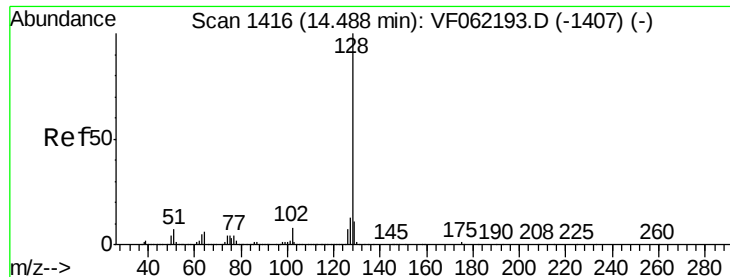
Tot Ion:180 Resp: 335334
 Ion Ratio Lower Upper
 180 100
 182 98.4 49.3 147.9
 145 34.9 18.1 54.4



#94
 Hexachlorobutadiene
 Concen: 56.426 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: VF062236.D
 Acq: 19 Apr 2019 21:01

Tgt Ion:225 Resp: 241532
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.0 93.0
 227 65.2 32.4 97.0

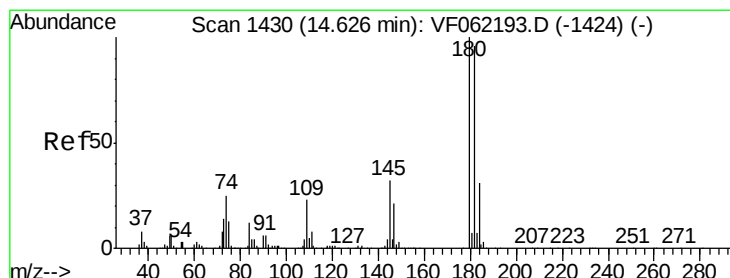
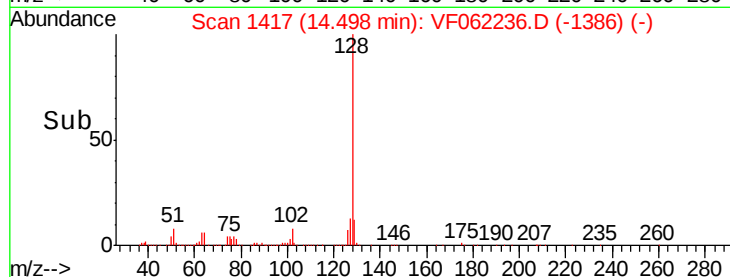
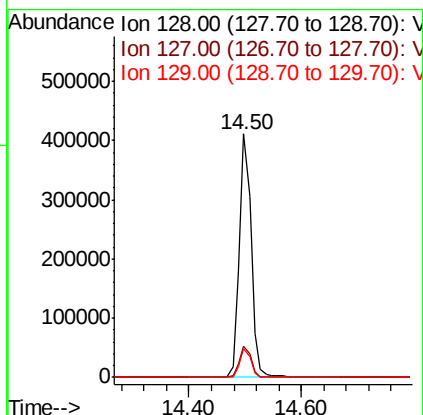
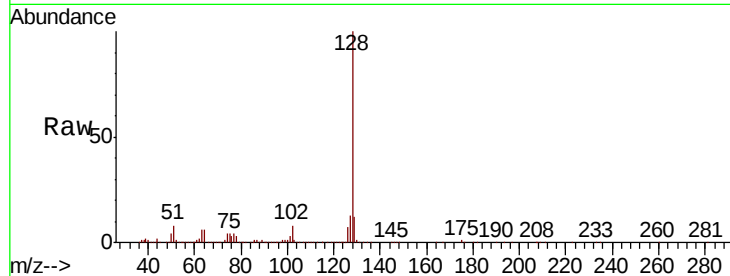




#95
Naphthalene
Concen: 55.474 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. 0.01 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 605514
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.4 9.2 13.8



#96
1,2,3-Trichlorobenzene
Concen: 55.527 ug/l
RT: 14.65 min Scan# 1432
Delta R.T. 0.02 min
Lab File: VF062236.D
Acq: 19 Apr 2019 21:01

Tgt Ion:180 Resp: 332778
Ion Ratio Lower Upper
180 100
182 101.4 48.4 145.3
145 30.4 15.6 46.8

