

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF053019\
 Data File : VF062794.D
 Acq On : 30 May 2019 14:35
 Operator : FY/SY
 Sample : VSTDIC010
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: May 31 03:20:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 03:15:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	994705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1660030	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.93	117	1137133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	530471	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	65708	9.15	ug/l	0.00
Spiked Amount			Recovery	=	18.30%	
35) Dibromofluoromethane	4.33	113	127366	9.88	ug/l	0.00
Spiked Amount			Recovery	=	19.76%	
50) Toluene-d8	7.73	98	330216	9.87	ug/l	0.00
Spiked Amount			Recovery	=	19.74%	
62) 4-Bromofluorobenzene	11.51	95	104546	9.13	ug/l	0.00
Spiked Amount			Recovery	=	18.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	146086	10.197	ug/l	89
3) Chloromethane	1.16	50	110041	9.797	ug/l	96
4) Vinyl Chloride	1.20	62	111513	10.305	ug/l	95
5) Bromomethane	1.41	94	62612	9.847	ug/l	86
6) Chloroethane	1.46	64	44118	10.694	ug/l #	79
7) Trichlorofluoromethane	1.57	101	107698	7.070	ug/l	95
8) Diethyl Ether	1.72	74	29828	9.702	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	1.95	101	105768	10.697	ug/l #	92
10) Methyl Iodide	2.00	142	168109	8.770	ug/l	98
11) Tert butyl alcohol	2.71	59	22493	51.099	ug/l	96
12) 1,1-Dichloroethene	1.90	96	90856	10.427	ug/l	92
13) Acrolein	2.11	56	7735	45.617	ug/l	99
14) Allyl chloride	2.21	41	63128	9.917	ug/l	93
15) Acrylonitrile	3.11	53	115739	70.762	ug/l	84
16) Acetone	2.36	43	88734	53.148	ug/l	97
17) Carbon Disulfide	1.94	76	197336	10.333	ug/l	95
18) Methyl Acetate	2.49	43	28973	8.930	ug/l	94
19) Methyl tert-butyl Ether	2.56	73	161943	10.232	ug/l	93
20) Methylene Chloride	2.37	84	68013	6.919	ug/l	99
21) trans-1,2-Dichloroethene	2.43	96	68826	7.576	ug/l	92
22) Diisopropyl ether	2.95	45	190775	10.199	ug/l	96
23) Vinyl Acetate	3.37	43	684368	49.696	ug/l	98
24) 1,1-Dichloroethane	3.03	63	149896	10.571	ug/l	99
25) 2-Butanone	4.56	43	200812	50.634	ug/l #	88
26) 2,2-Dichloropropane	3.80	77	82459	9.836	ug/l	94
27) cis-1,2-Dichloroethene	3.66	96	145826	9.940	ug/l	91
28) Bromochloromethane	3.93	49	75646	9.397	ug/l	92
29) Tetrahydrofuran	4.29	42	72690	49.610	ug/l	95
30) Chloroform	4.06	83	208745	10.065	ug/l	93
31) Cyclohexane	3.90	56	104275	5.291	ug/l	98
32) 1,1,1-Trichloroethane	4.30	97	125580	10.951	ug/l #	86
36) 1,1-Dichloropropene	4.49	75	165995	10.257	ug/l	97
37) Ethyl Acetate	4.33	43	62702	9.614	ug/l #	90
38) Carbon Tetrachloride	4.20	117	109529	10.113	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri May 31 03:15:01 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.65	83	206154	10.448	ug/l	96
40) Benzene	4.84	78	493215	10.330	ug/l	99
41) Methacrylonitrile	4.95	41	36011	10.166	ug/l #	89
42) 1,2-Dichloroethane	5.15	62	89743	10.113	ug/l	97
43) Isopropyl Acetate	7.13	43	75815	9.379	ug/l #	98
44) Trichloroethene	5.70	130	138385	10.345	ug/l	89
45) 1,2-Dichloropropane	6.43	63	122661	10.433	ug/l	99
46) Dibromomethane	6.28	93	67633	9.896	ug/l	94
47) Bromodichloromethane	6.57	83	136163	9.780	ug/l	97
48) Methyl methacrylate	6.89	41	38314	9.298	ug/l #	88
49) 1,4-Dioxane	6.89	88	8930	179.673	ug/l #	86
51) 4-Methyl-2-Pentanone	8.42	43	309720	49.812	ug/l	97
52) Toluene	7.80	92	256134	10.250	ug/l	87
53) t-1,3-Dichloropropene	8.44	75	116702	10.125	ug/l	98
54) cis-1,3-Dichloropropene	7.48	75	161872	9.703	ug/l	95
55) 1,1,2-Trichloroethane	8.66	97	76809	10.041	ug/l	95
56) Ethyl methacrylate	8.78	69	73434	9.358	ug/l	95
57) 1,3-Dichloropropane	9.01	76	114740	9.219	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.47	63	136411	49.085	ug/l	99
59) 2-Hexanone	9.64	43	207275	47.645	ug/l	99
60) Dibromochloromethane	8.88	129	86695	9.395	ug/l	98
61) 1,2-Dibromoethane	9.15	107	70322	9.308	ug/l	100
64) Tetrachloroethene	8.32	164	102631	10.817	ug/l #	82
65) Chlorobenzene	9.95	112	237354	10.294	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.08	131	92505	10.270	ug/l	95
67) Ethyl Benzene	10.05	91	435109	10.826	ug/l	93
68) m/p-Xylenes	10.27	106	317454	21.170	ug/l	80
69) o-Xylene	10.84	106	162506	10.691	ug/l	98
70) Styrene	10.91	104	233342	10.441	ug/l	98
71) Bromoform	10.90	173	43766	9.994	ug/l #	93
73) Isopropylbenzene	11.23	105	420344	10.474	ug/l	90
74) N-amyl acetate	11.46	43	126039	11.071	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.78	83	88000	10.148	ug/l	98
76) 1,2,3-Trichloropropane	11.88	75	56242	10.084	ug/l	93
77) Bromobenzene	11.60	156	101624	10.340	ug/l	96
78) n-propylbenzene	11.68	91	535315	10.748	ug/l	89
79) 2-Chlorotoluene	11.81	91	282044	10.338	ug/l	100
80) 1,3,5-Trimethylbenzene	11.90	105	342382	10.465	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.95	75	28593	9.817	ug/l #	71
82) 4-Chlorotoluene	11.98	91	279140	10.324	ug/l	94
83) tert-Butylbenzene	12.21	119	330594	10.403	ug/l	93
84) 1,2,4-Trimethylbenzene	12.28	105	338646	10.844	ug/l	87
85) sec-Butylbenzene	12.37	105	454190	10.460	ug/l	92
86) p-Isopropyltoluene	12.53	119	390486	10.931	ug/l	94
87) 1,3-Dichlorobenzene	12.55	146	187856	10.645	ug/l	93
88) 1,4-Dichlorobenzene	12.64	146	175158	10.646	ug/l	96
89) n-Butylbenzene	12.91	91	410591	11.150	ug/l	86
90) Hexachloroethane	12.99	117	88324	10.413	ug/l	95
91) 1,2-Dichlorobenzene	13.01	146	168508	10.876	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.70	75	9636	10.439	ug/l	83

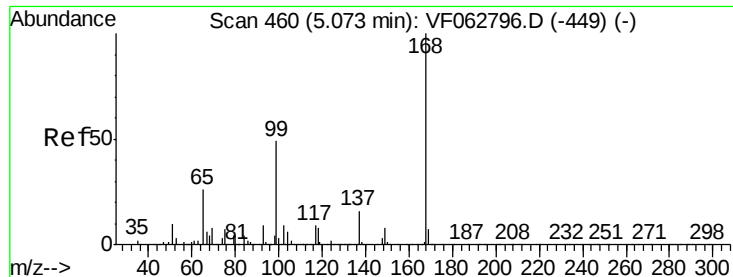
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	112657	10.713	ug/l	94
94) Hexachlorobutadiene	14.24	225	77422	10.716	ug/l	91
95) Naphthalene	14.50	128	166277	9.956	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	97070	10.428	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

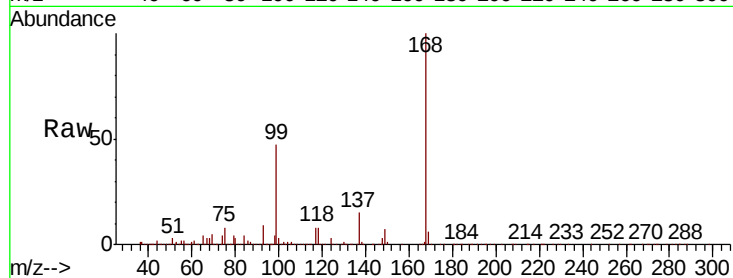
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 994705

Ion Ratio Lower Upper

168 100

99 46.8 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

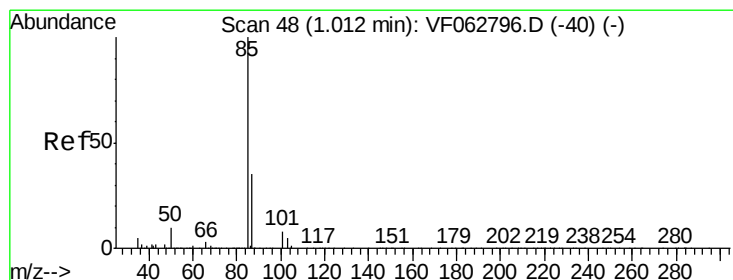
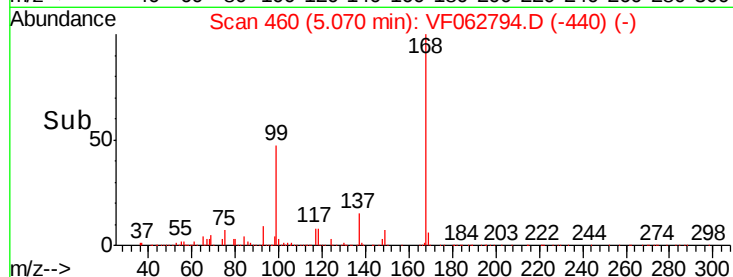
300000

200000

100000

0

Time--> 4.90 5.00 5.10 5.20 5.30



#2

Dichlorodifluoromethane

Concen: 10.197 ug/l

RT: 1.01 min Scan# 48

Delta R.T. -0.00 min

Lab File: VF062794.D

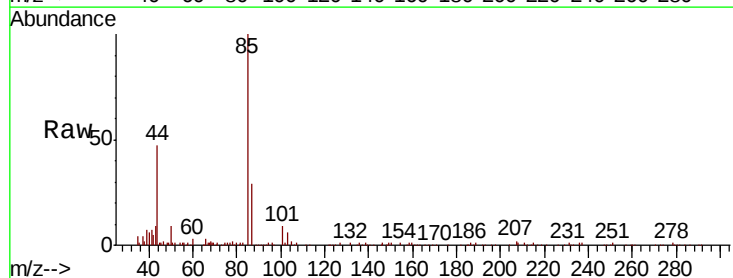
Acq: 30 May 2019 14:35

Tgt Ion: 85 Resp: 146086

Ion Ratio Lower Upper

85 100

87 29.0 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.01

40000

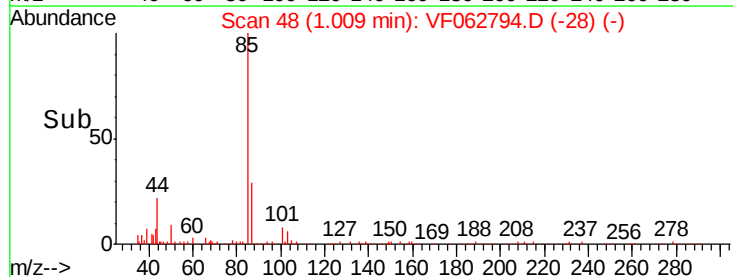
30000

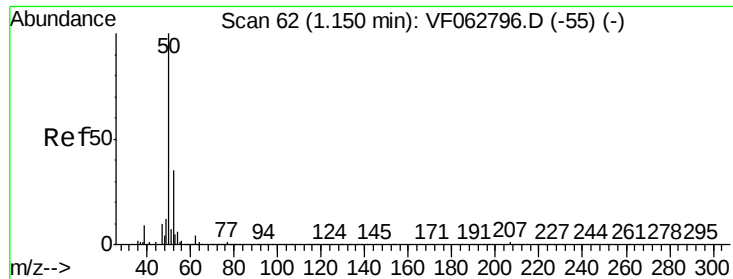
20000

10000

0

Time--> 0.90 1.00 1.10 1.20





#3

Chloromethane

Concen: 9.797 ug/l

RT: 1.16 min Scan# 63

Delta R.T. 0.01 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

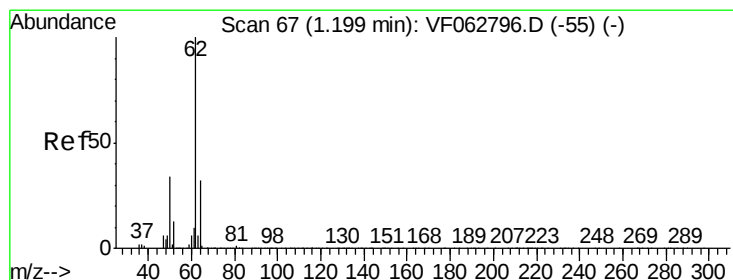
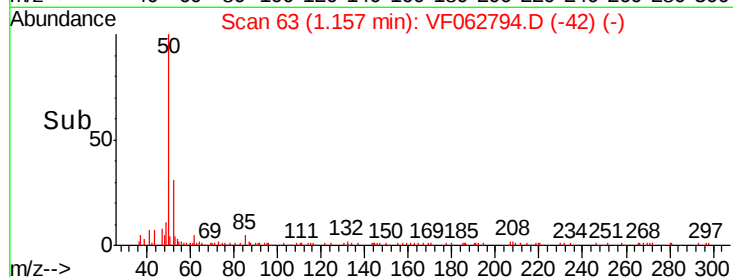
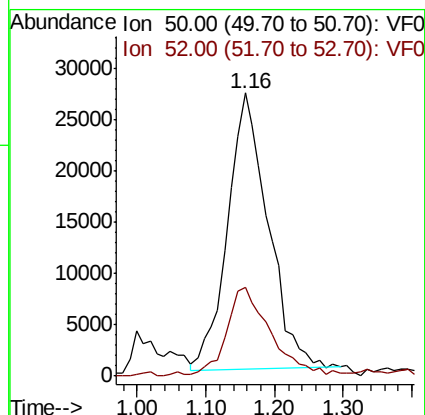
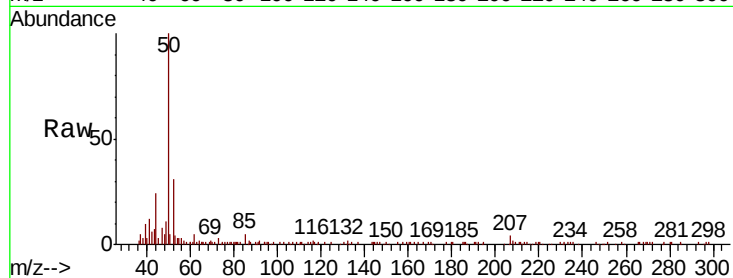
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 50 Resp: 110041

Ion Ratio Lower Upper

50 100

52 31.5 27.0 40.4



#4

Vinyl Chloride

Concen: 10.305 ug/l

RT: 1.20 min Scan# 67

Delta R.T. -0.00 min

Lab File: VF062794.D

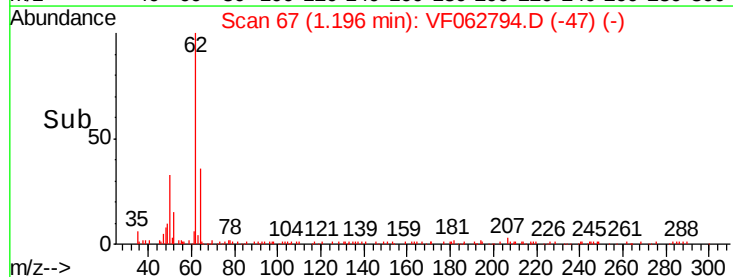
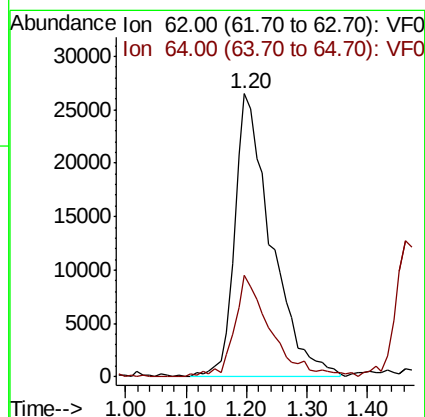
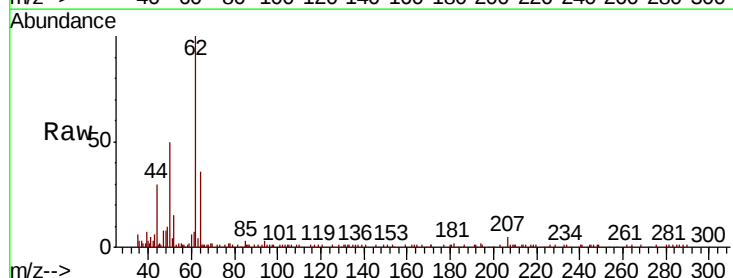
Acq: 30 May 2019 14:35

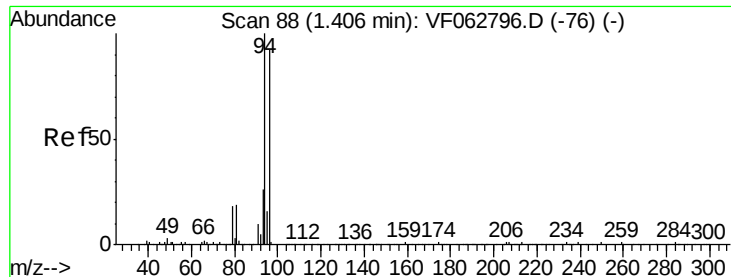
Tgt Ion: 62 Resp: 111513

Ion Ratio Lower Upper

62 100

64 35.8 26.2 39.2





#5

Bromomethane

Concen: 9.847 ug/l

RT: 1.41 min Scan# 89

Delta R.T. 0.01 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

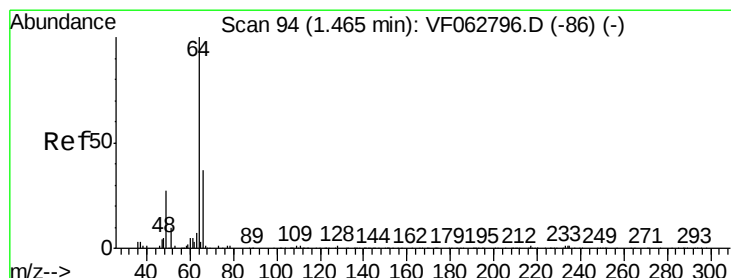
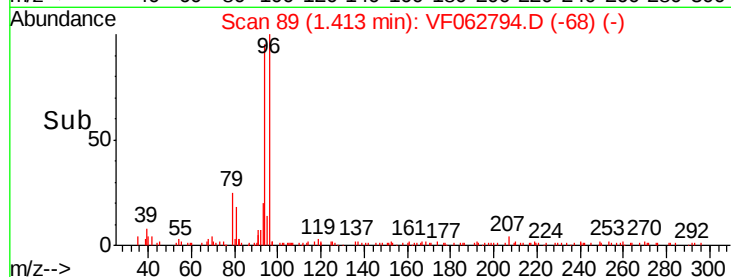
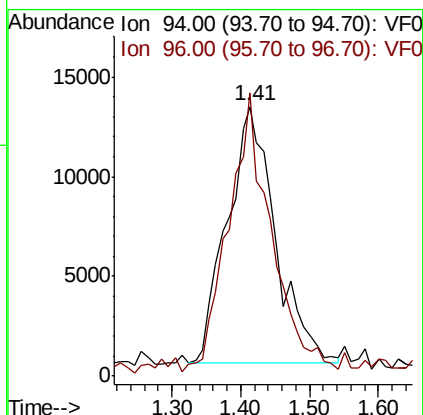
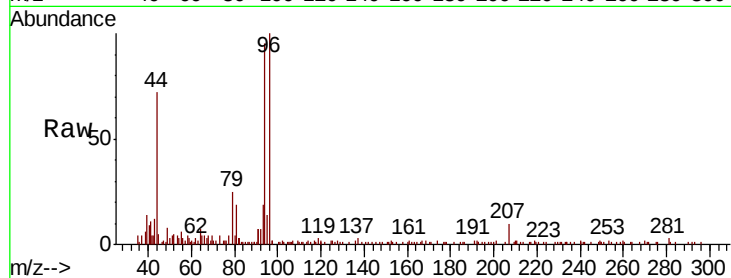
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 94 Resp: 62612

Ion Ratio Lower Upper

94 100

96 105.1 73.8 110.6



#6

Chloroethane

Concen: 10.694 ug/l

RT: 1.46 min Scan# 94

Delta R.T. -0.00 min

Lab File: VF062794.D

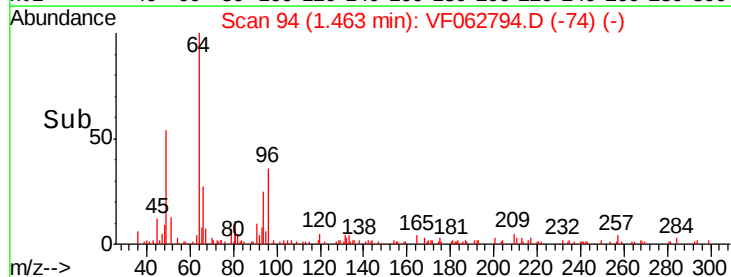
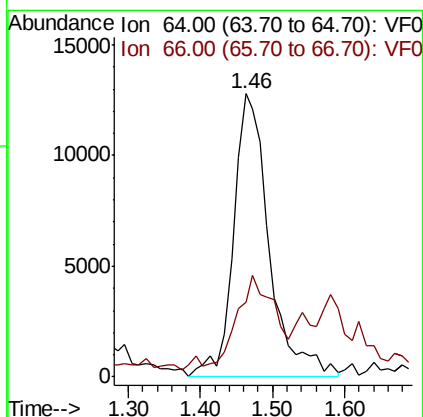
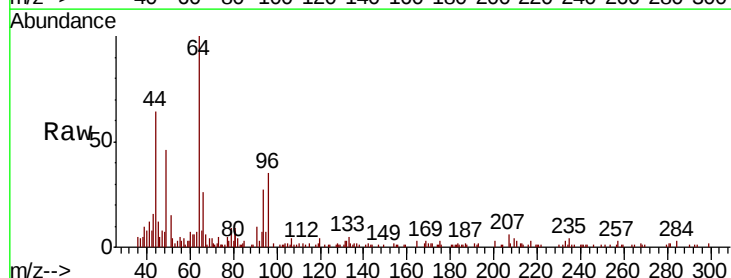
Acq: 30 May 2019 14:35

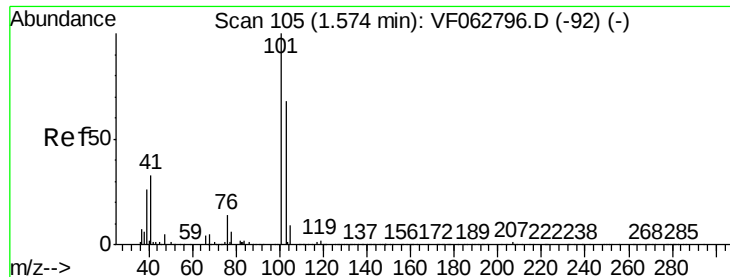
Tgt Ion: 64 Resp: 44118

Ion Ratio Lower Upper

64 100

66 26.2 31.0 46.4#



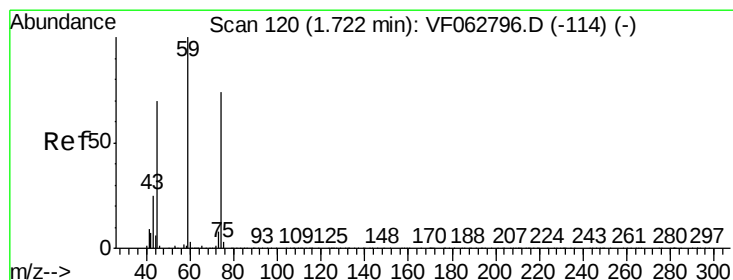
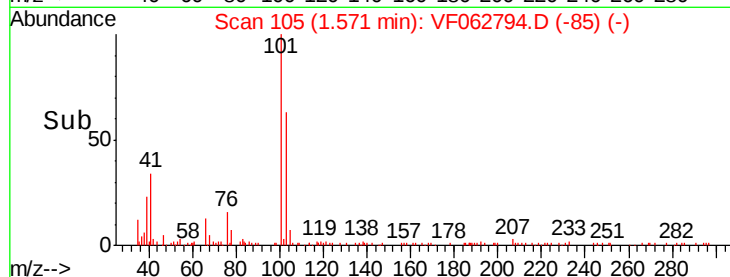
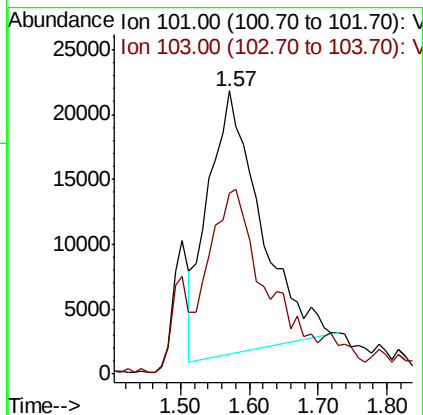
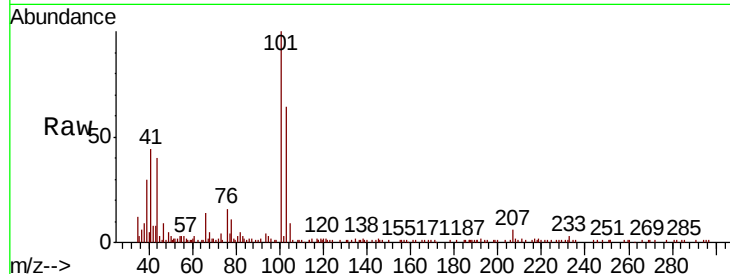


#7

Trichlorofluoromethane
Concen: 7.070 ug/l
RT: 1.57 min Scan# 105
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_F
ClientSampleId :

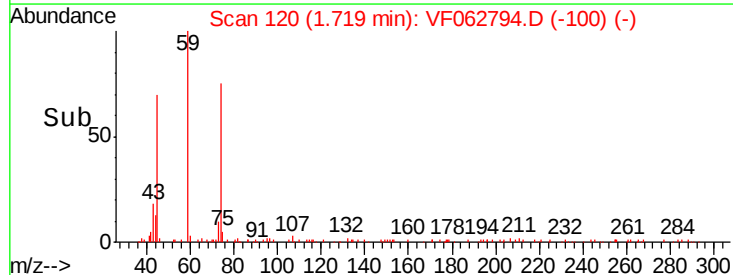
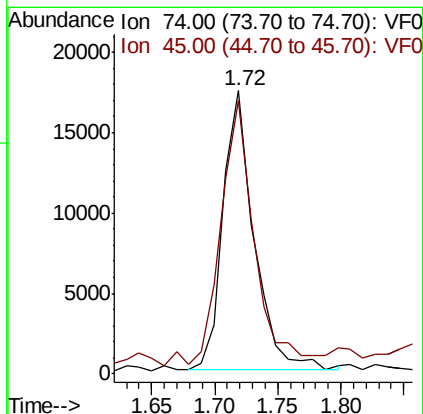
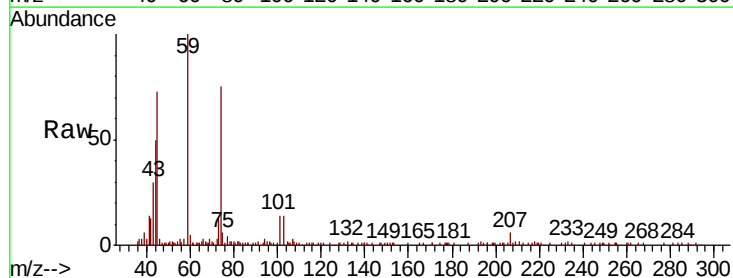
Tot Ion:101 Resp: 107698
Ion Ratio Lower Upper
101 100
103 64.1 54.6 82.0

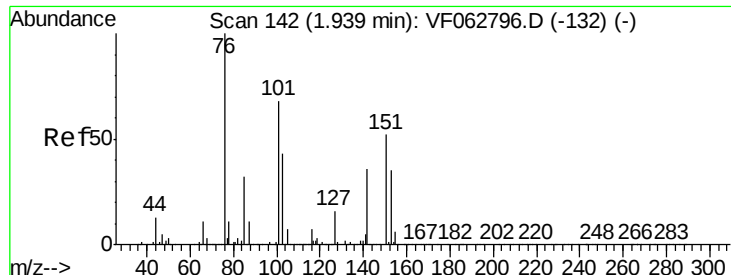


#8

Diethyl Ether
Concen: 9.702 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion: 74 Resp: 29828
Ion Ratio Lower Upper
74 100
45 96.7 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.697 ug/l

RT: 1.95 min Scan# 143

Delta R.T. 0.01 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :

MSVOA_F

ClientSampleId :

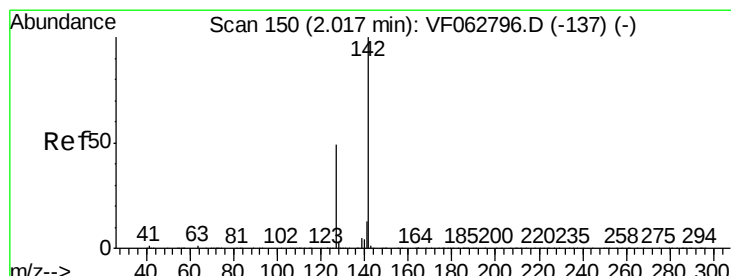
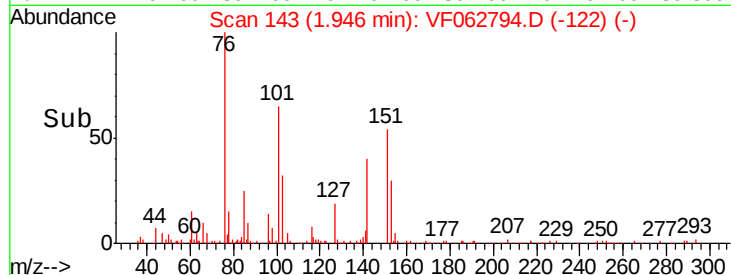
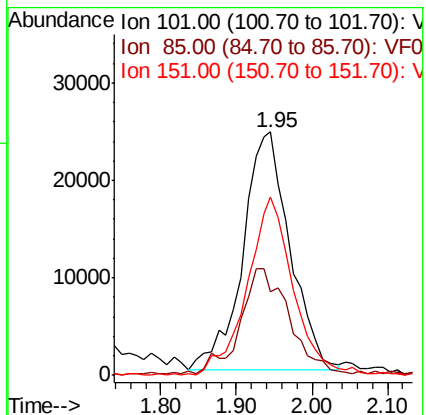
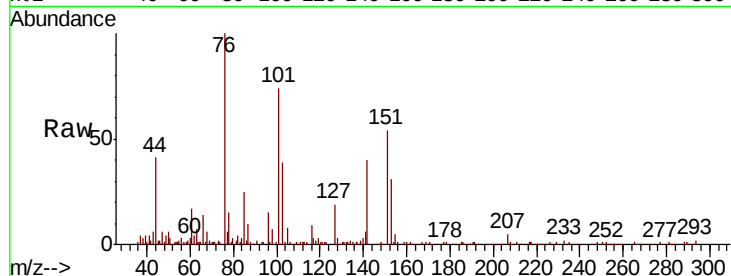
Tot Ion:101 Resp: 105768

Ion Ratio Lower Upper

101 100

85 34.5 37.1 55.7#

151 73.4 60.3 90.5



#10

Methyl Iodide

Concen: 8.770 ug/l

RT: 2.00 min Scan# 149

Delta R.T. -0.01 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

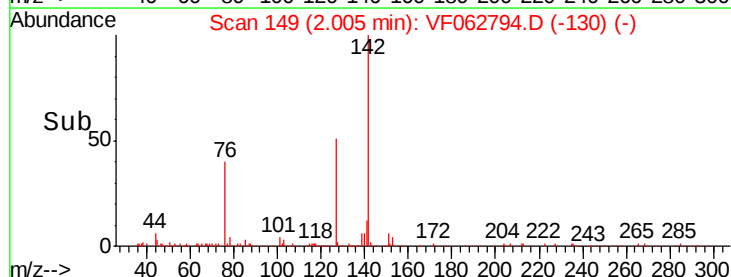
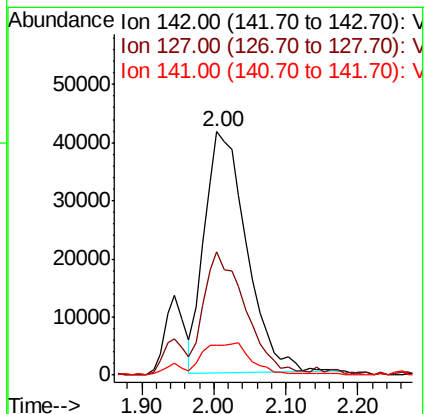
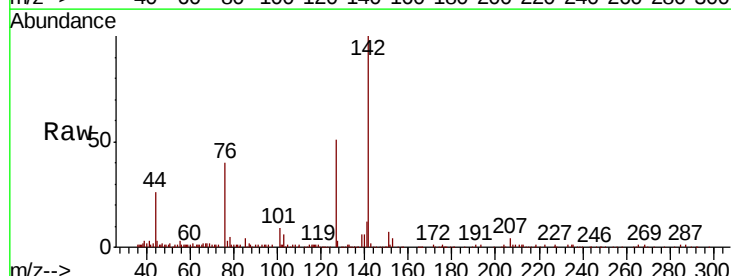
Tgt Ion:142 Resp: 168109

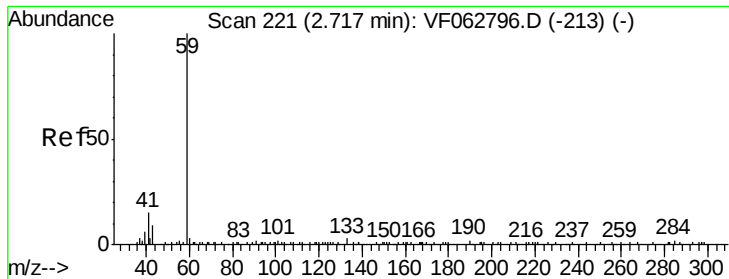
Ion Ratio Lower Upper

142 100

127 50.9 39.4 59.2

141 12.3 10.6 15.8



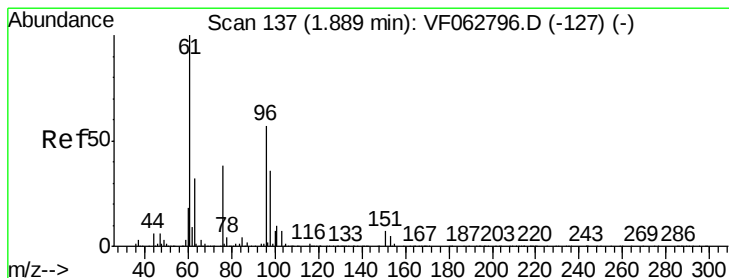
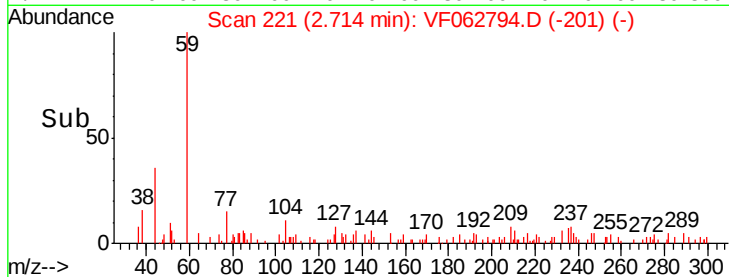
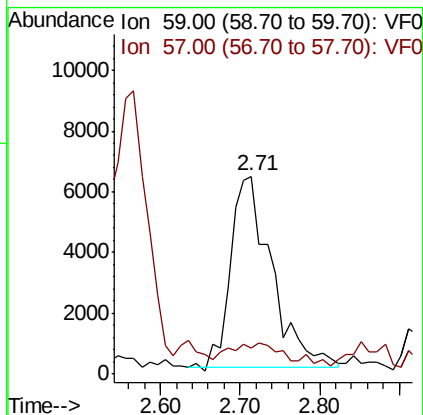
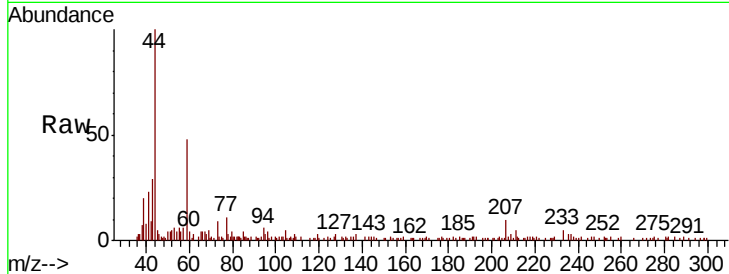


#11

Tert butyl alcohol
Concen: 51.099 ug/l
RT: 2.71 min Scan# 221
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_F
ClientSampled :

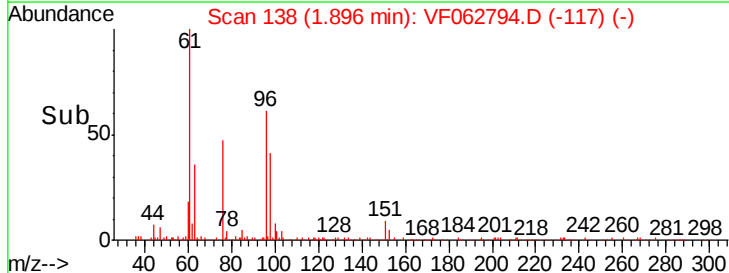
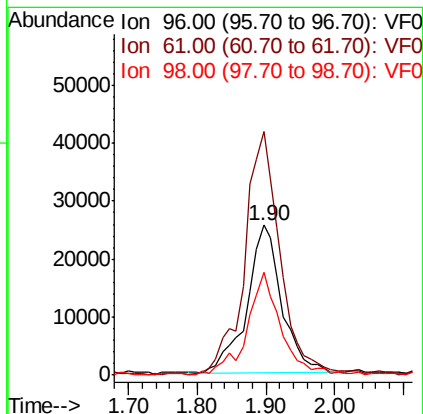
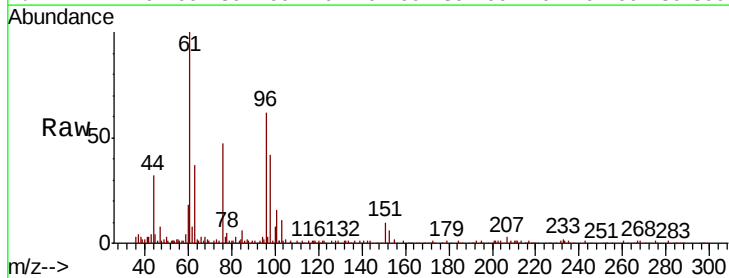
Tot Ion: 59 Resp: 22493
Ion Ratio Lower Upper
59 100
57 13.0 9.2 13.8

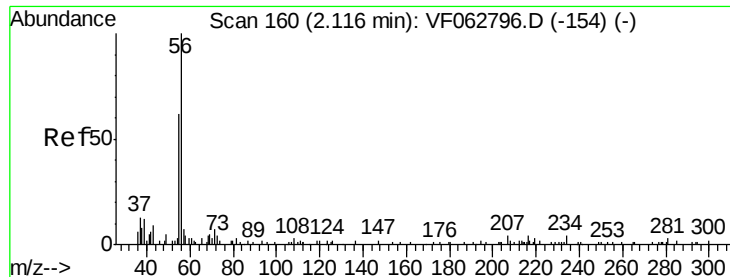


#12

1,1-Dichloroethene
Concen: 10.427 ug/l
RT: 1.90 min Scan# 138
Delta R.T. 0.01 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion: 96 Resp: 90856
Ion Ratio Lower Upper
96 100
61 162.5 139.4 209.2
98 68.6 50.3 75.5





#13

Acrolein

Concen: 45.617 ug/l

RT: 2.11 min Scan# 160

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

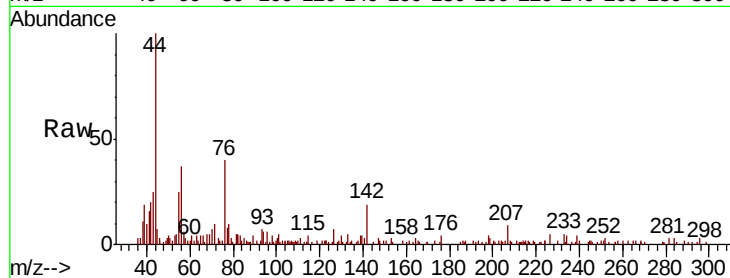
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 56 Resp: 7735

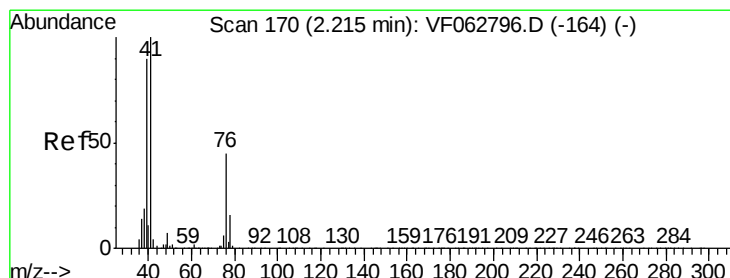
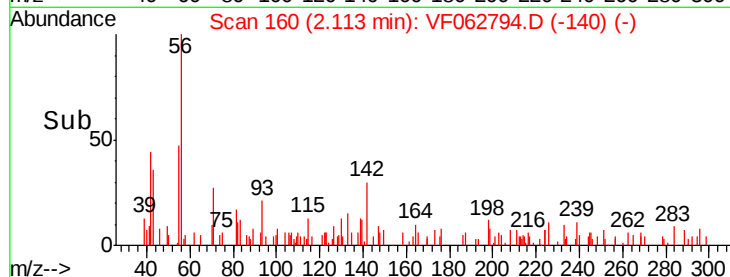
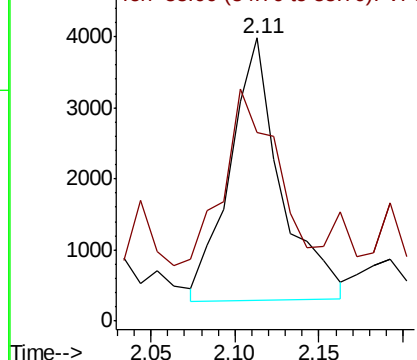
Ion Ratio Lower Upper

56 100

55 66.5 52.9 79.3



Abundance Ion 56.00 (55.70 to 56.70): VF0
Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 9.917 ug/l

RT: 2.21 min Scan# 170

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

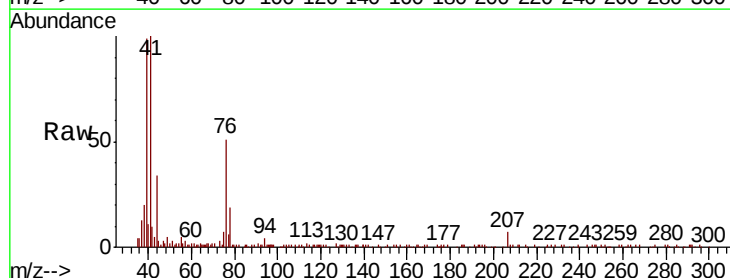
Tgt Ion: 41 Resp: 63128

Ion Ratio Lower Upper

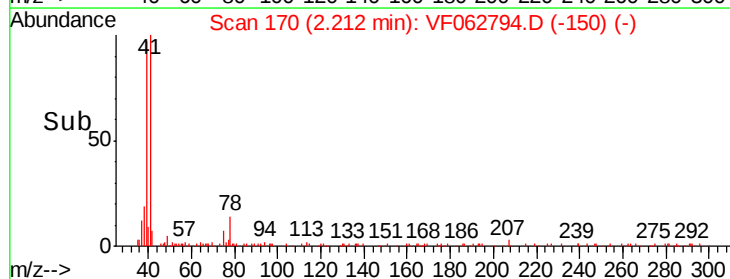
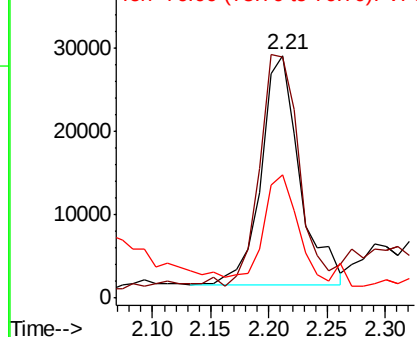
41 100

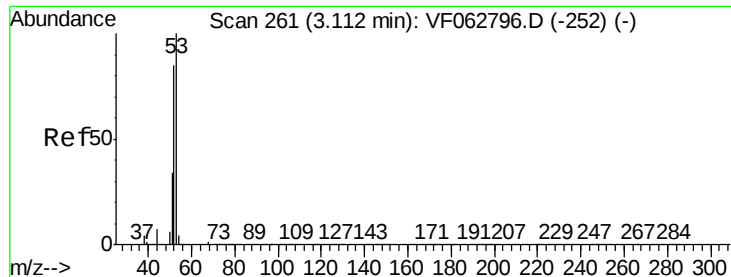
39 99.2 71.9 107.9

76 51.0 39.6 59.4



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 70.762 ug/l

RT: 3.11 min Scan# 261

Delta R.T. -0.00 min

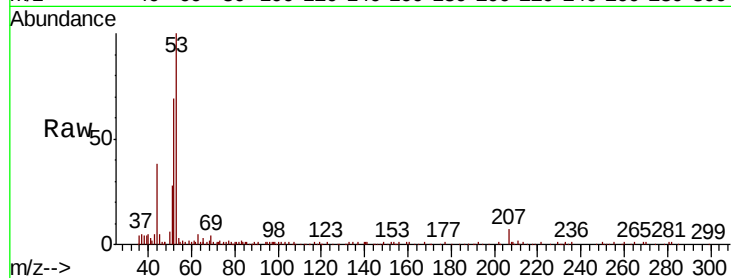
Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 53 Resp: 115739

Ion	Ratio	Lower	Upper
53	100		
52	69.0	68.1	102.1
51	28.2	27.7	41.5

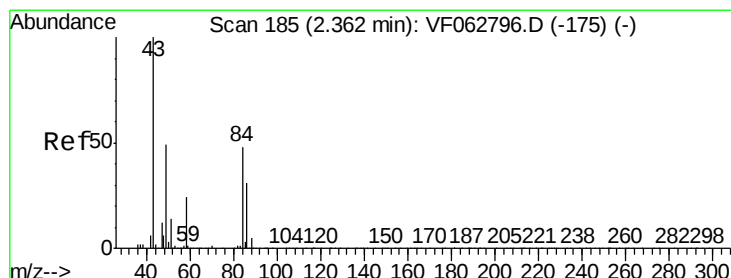
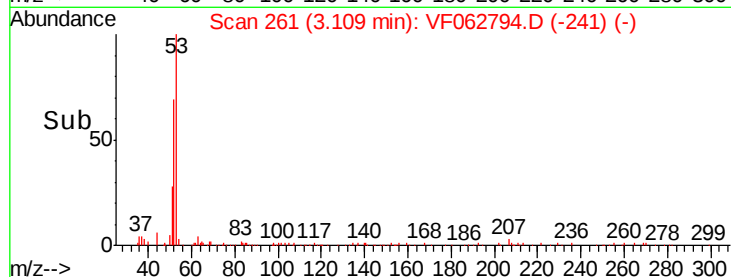
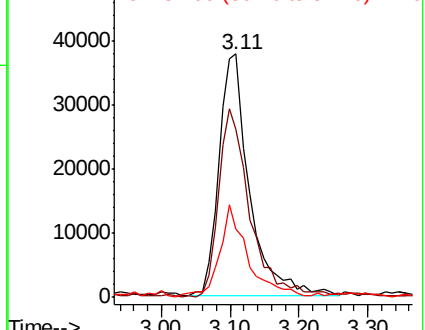


Abundance

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: 53.148 ug/l

RT: 2.36 min Scan# 185

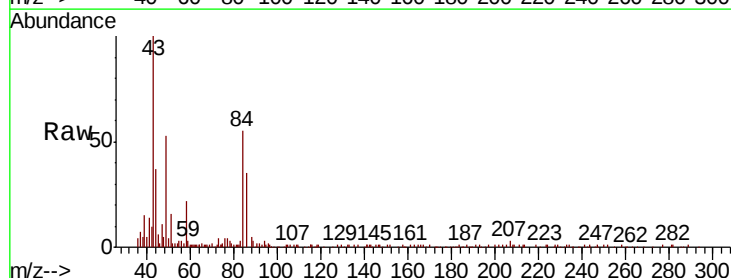
Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Tgt Ion: 43 Resp: 88734

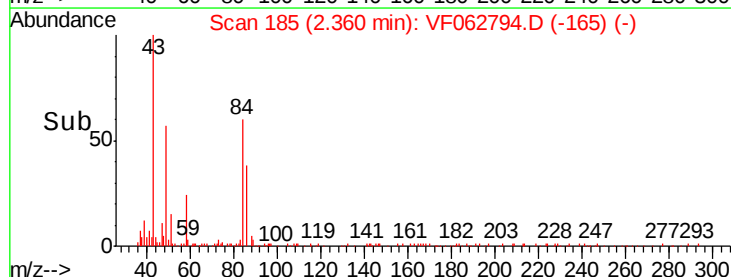
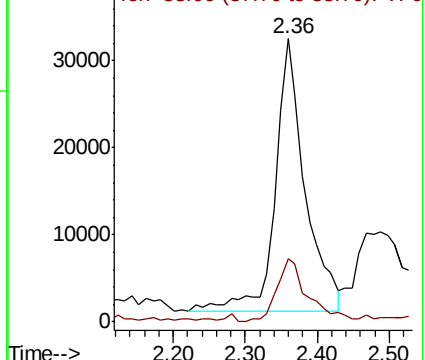
Ion	Ratio	Lower	Upper
43	100		
58	22.3	19.0	28.4

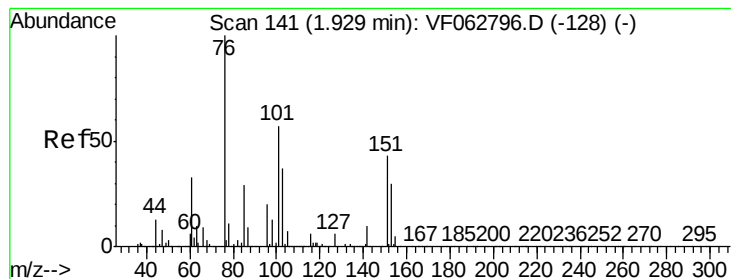


Abundance

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: 10.333 ug/l

RT: 1.94 min Scan# 142

Delta R.T. 0.01 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :

MSVOA_F

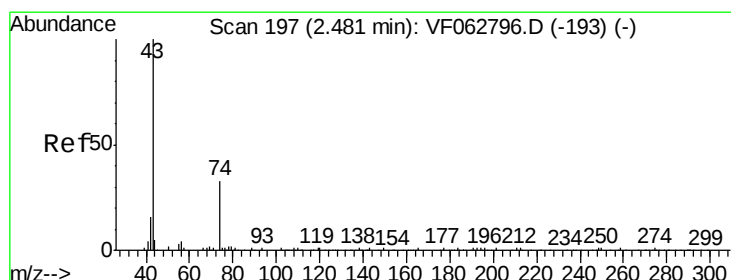
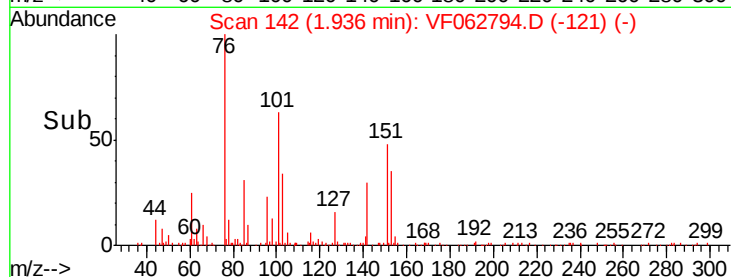
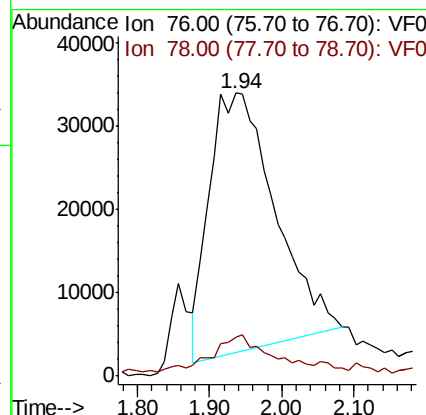
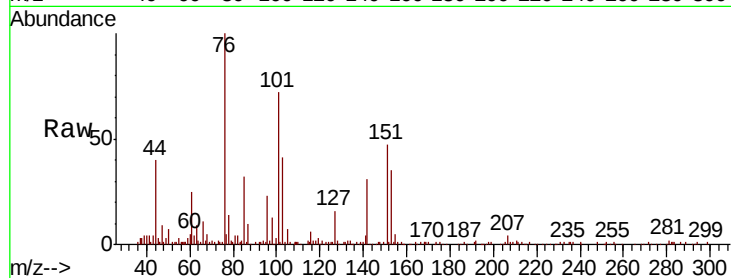
ClientSampleId :

Tot Ion: 76 Resp: 197336

Ion Ratio Lower Upper

76 100

78 13.8 9.4 14.2



#18

Methyl Acetate

Concen: 8.930 ug/l

RT: 2.49 min Scan# 198

Delta R.T. 0.01 min

Lab File: VF062794.D

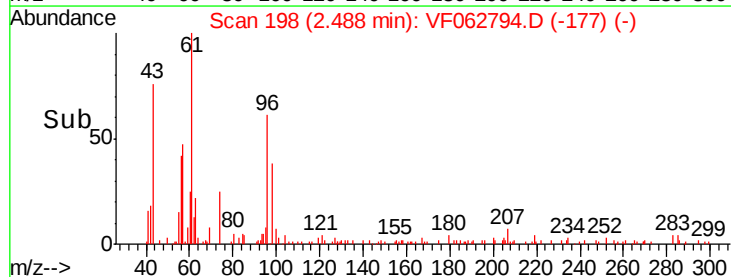
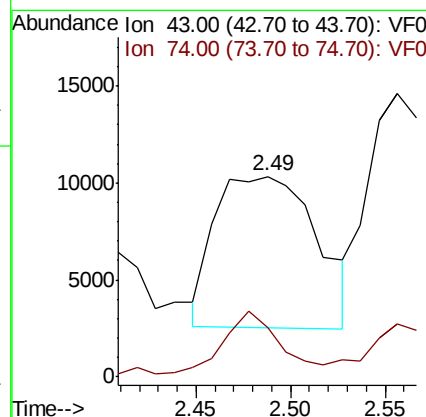
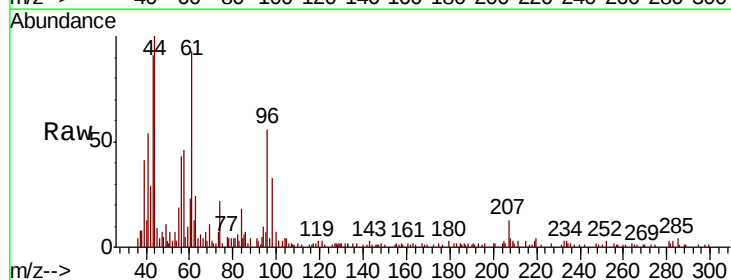
Acq: 30 May 2019 14:35

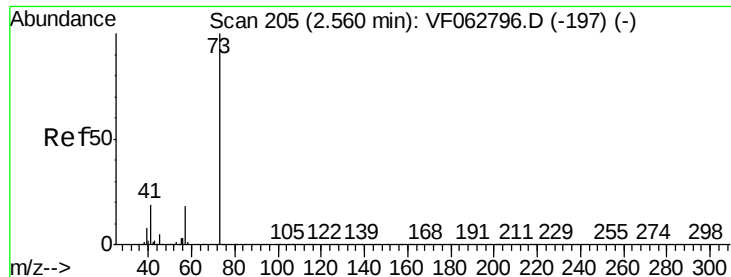
Tgt Ion: 43 Resp: 28973

Ion Ratio Lower Upper

43 100

74 24.4 22.1 33.1

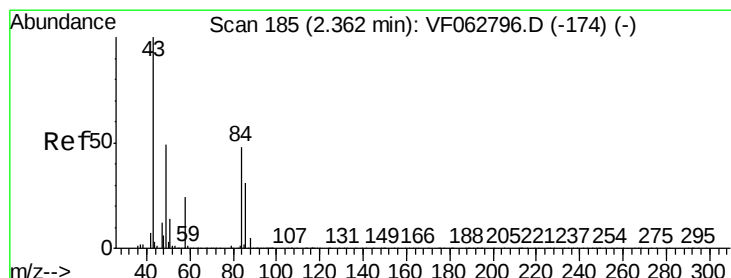
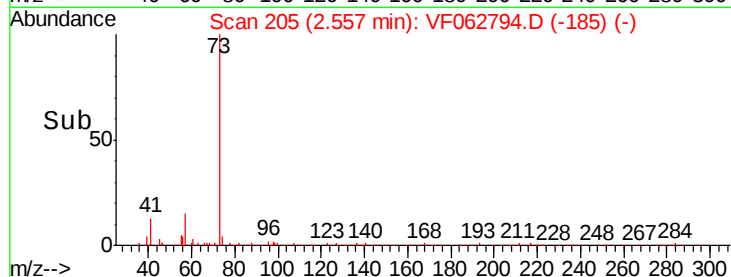
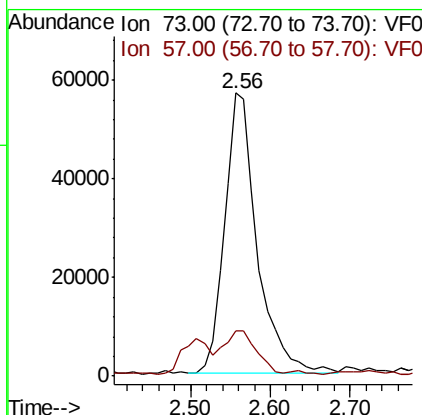
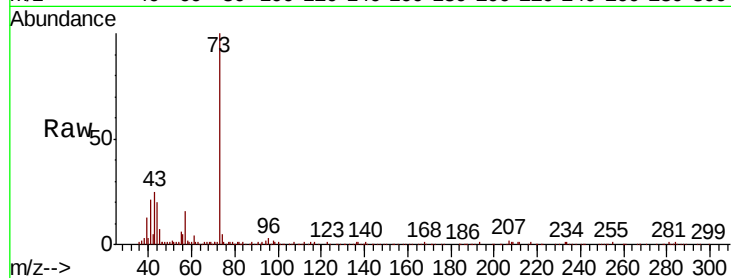




#19
Methyl tert-butyl Ether
Concen: 10.232 ug/l
RT: 2.56 min Scan# 205
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

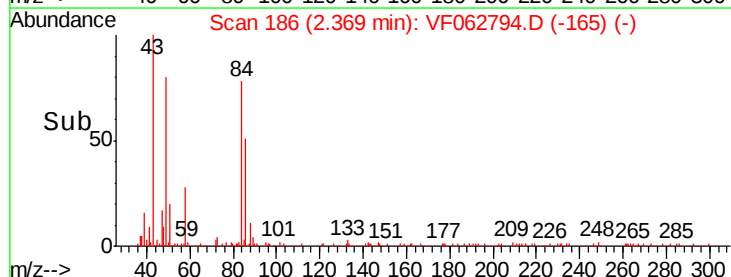
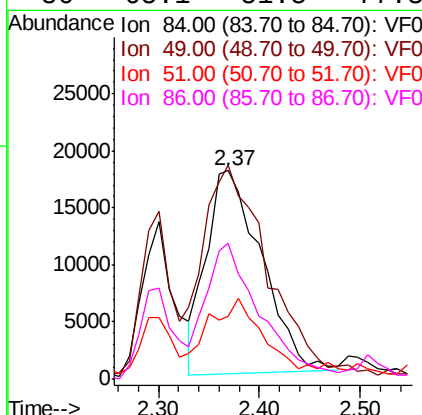
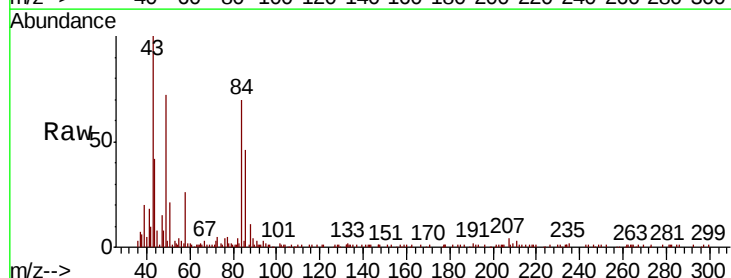
Instrument :
MSVOA_F
ClientSampled :

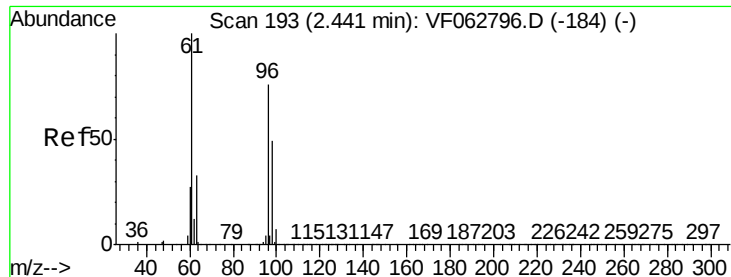
Tot Ion: 73 Resp: 161943
Ion Ratio Lower Upper
73 100
57 15.8 15.1 22.7



#20
Methylene Chloride
Concen: 6.919 ug/l
RT: 2.37 min Scan# 186
Delta R.T. 0.01 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion: 84 Resp: 68013
Ion Ratio Lower Upper
84 100
49 102.6 82.6 123.8
51 30.2 25.0 37.4
86 65.1 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 7.576 ug/l

RT: 2.43 min Scan# 192

Delta R.T. -0.01 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :
MSVOA_F
ClientSampleId :

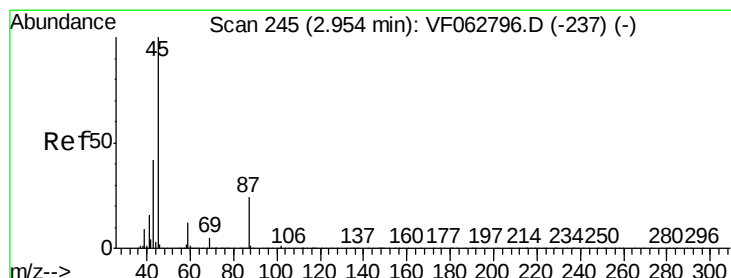
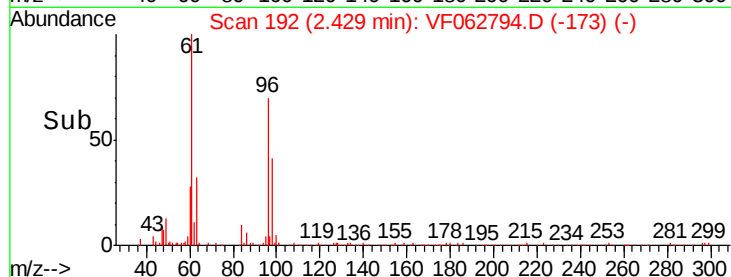
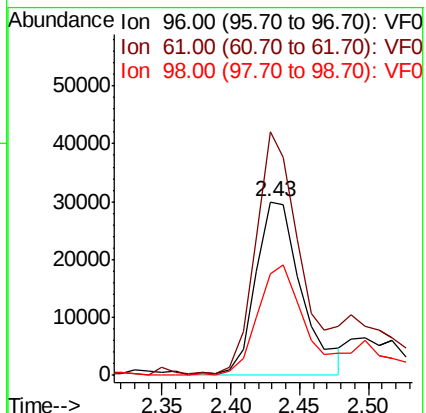
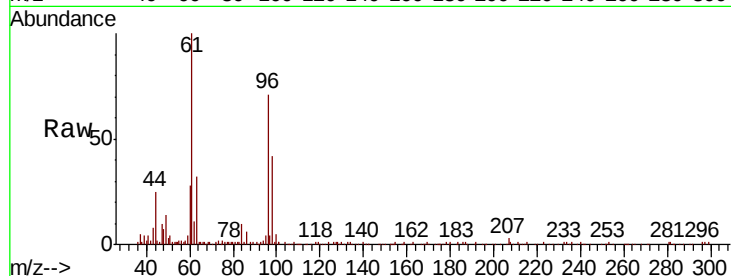
Tot Ion: 96 Resp: 68826

Ion Ratio Lower Upper

96 100

61 140.4 105.0 157.6

98 58.4 51.1 76.7



#22

Diisopropyl ether

Concen: 10.199 ug/l

RT: 2.95 min Scan# 245

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Tgt Ion: 45 Resp: 190775

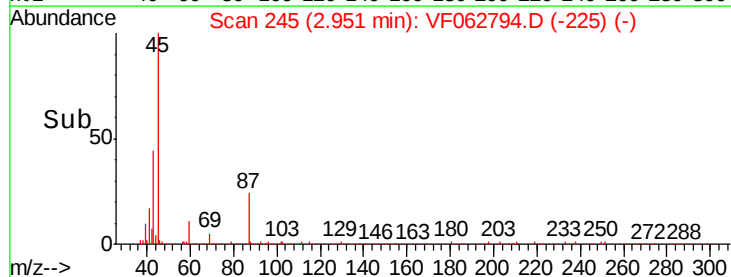
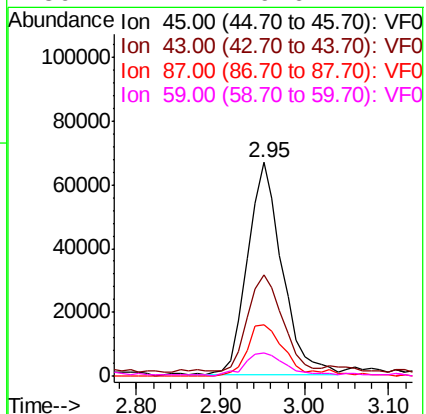
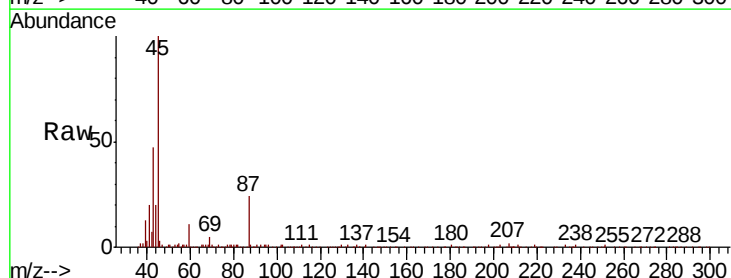
Ion Ratio Lower Upper

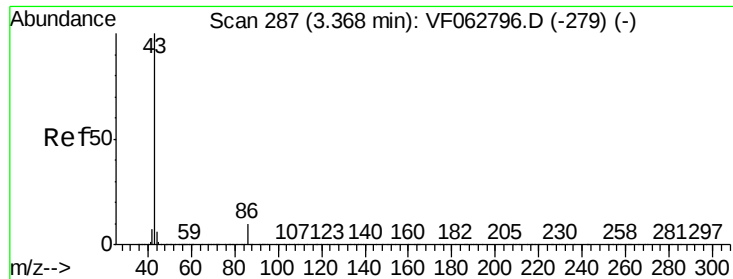
45 100

43 47.5 34.3 51.5

87 24.1 19.0 28.4

59 11.1 9.6 14.4

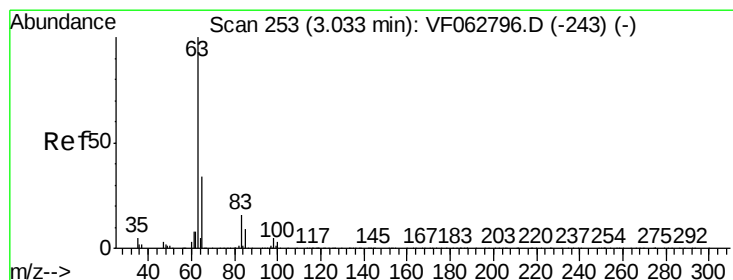
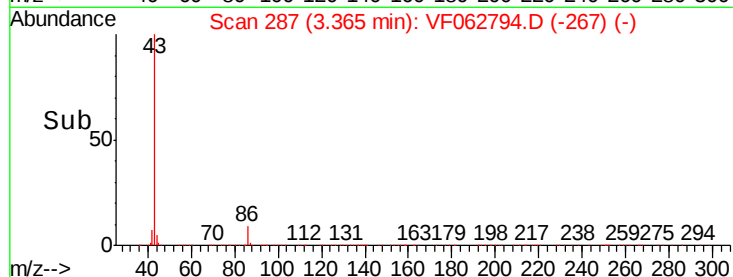
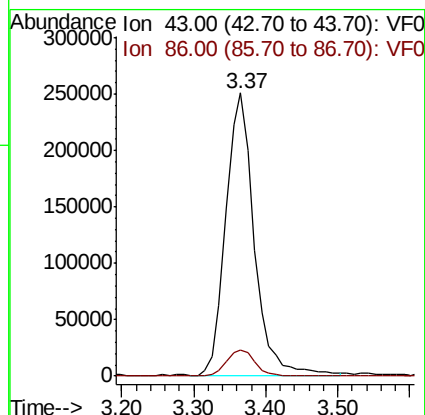
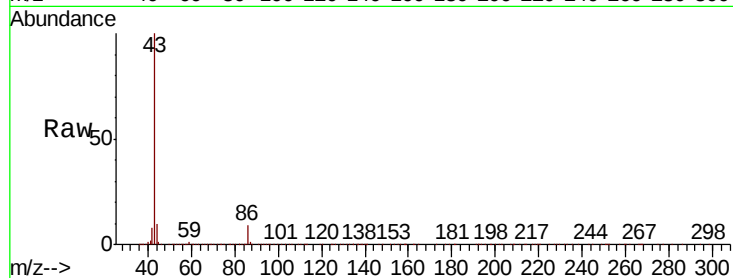




#23
 Vinyl Acetate
 Concen: 49.696 ug/l
 RT: 3.37 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VF062794.D
 Acq: 30 May 2019 14:35

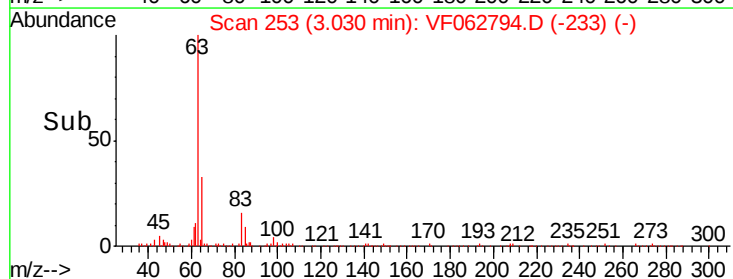
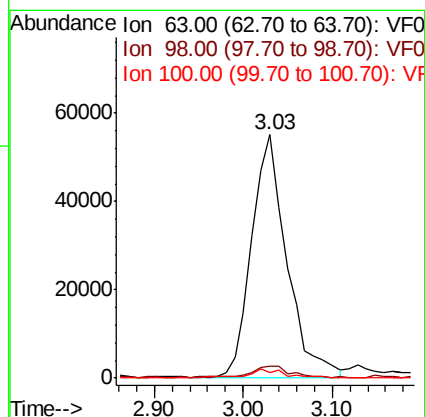
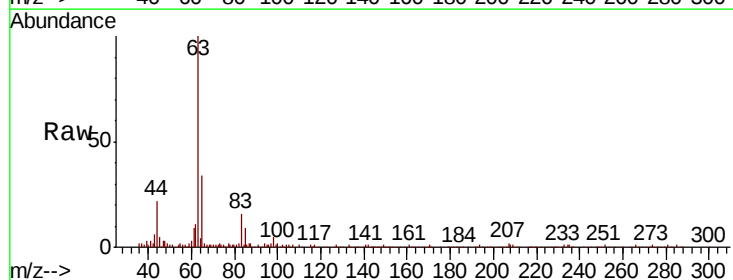
Instrument :
 MSVOA_F
 ClientSampleId :

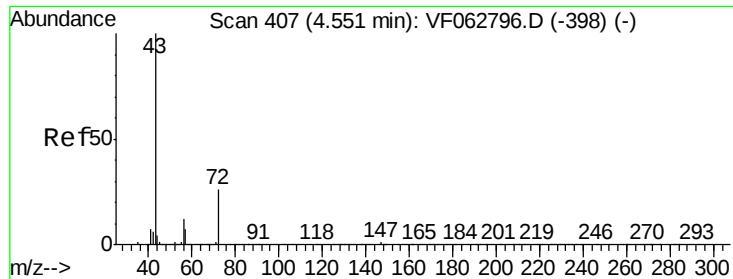
Tot Ion: 43 Resp: 684368
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 10.571 ug/l
 RT: 3.03 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VF062794.D
 Acq: 30 May 2019 14:35

Tgt Ion: 63 Resp: 149896
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.4 7.1
 100 2.3 1.5 4.5

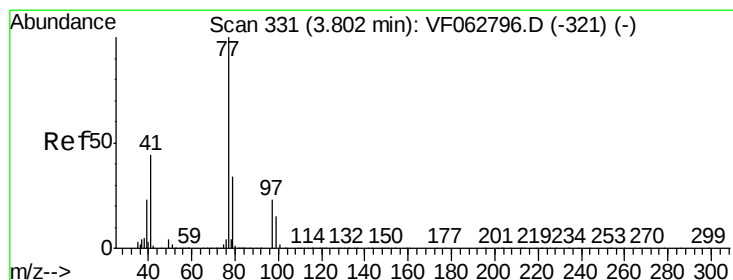
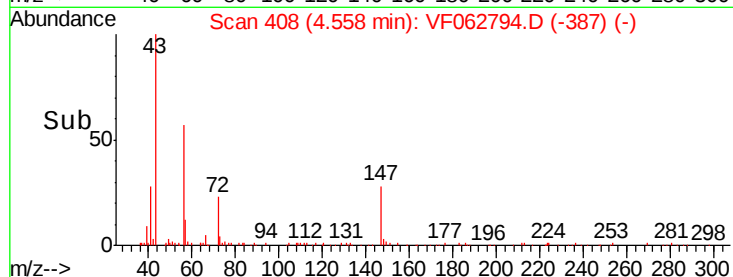
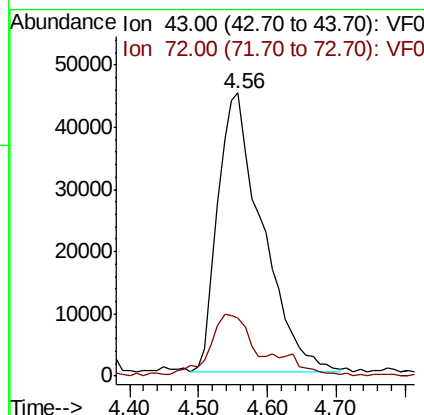
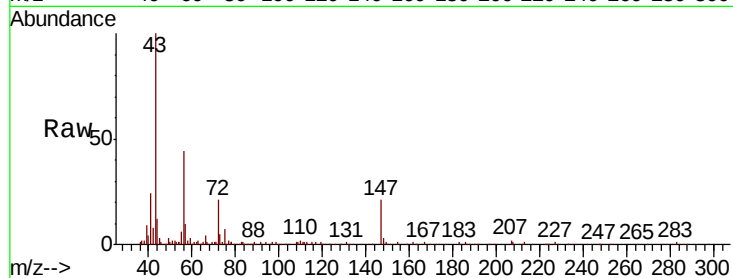




#25
2-Butanone
Concen: 50.634 ug/l
RT: 4.56 min Scan# 408
Delta R.T. 0.01 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

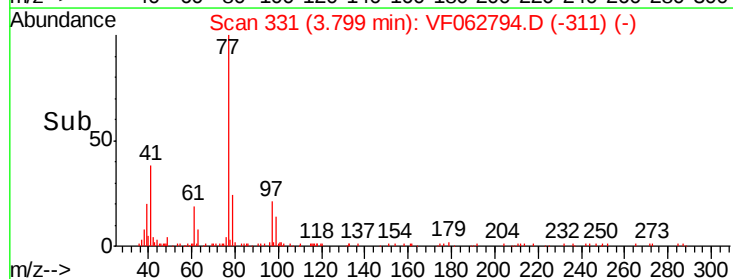
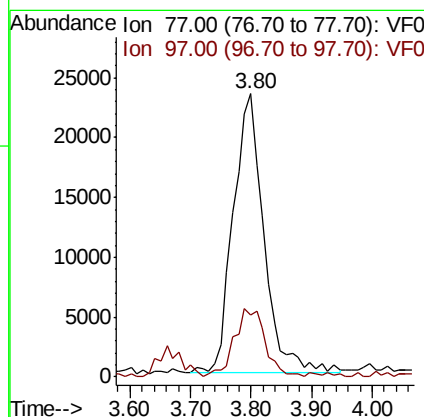
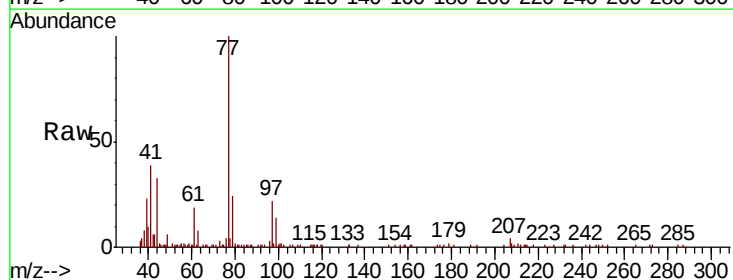
Instrument :
MSVOA_F
ClientSampled :

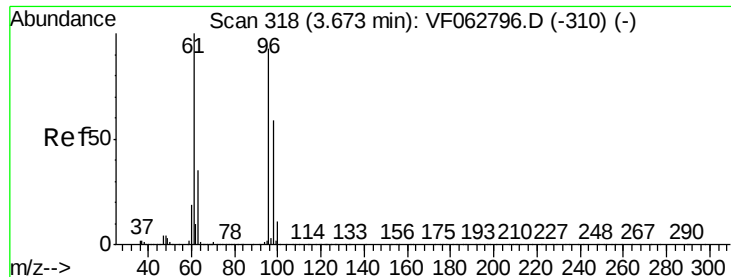
Tot Ion: 43 Resp: 200812
Ion Ratio Lower Upper
43 100
72 20.7 21.4 32.0#



#26
2,2-Dichloropropane
Concen: 9.836 ug/l
RT: 3.80 min Scan# 331
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion: 77 Resp: 82459
Ion Ratio Lower Upper
77 100
97 21.7 12.4 37.4



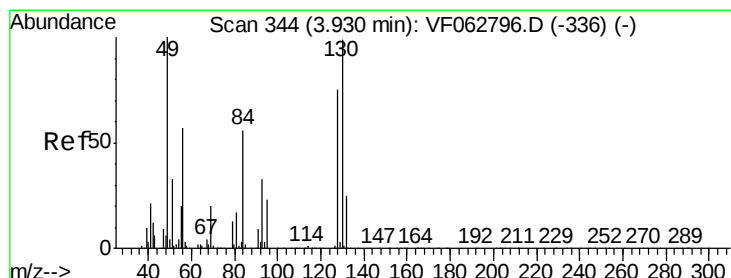
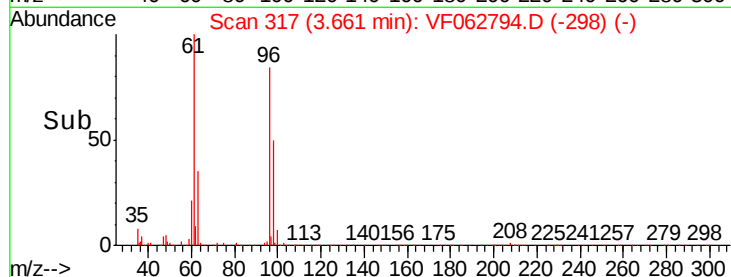
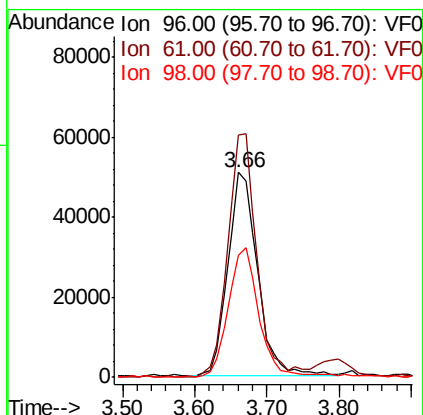
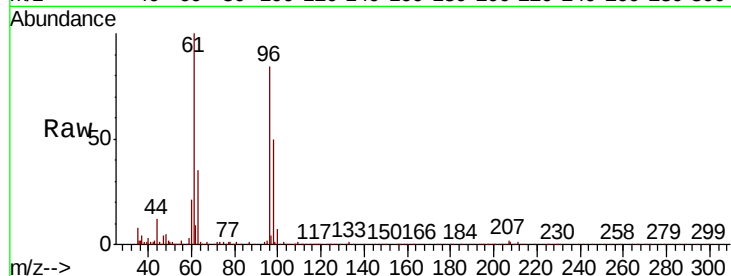


#27

cis-1,2-Dichloroethene
Concen: 9.940 ug/l
RT: 3.66 min Scan# 317
Delta R.T. -0.01 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_F
ClientSampled :

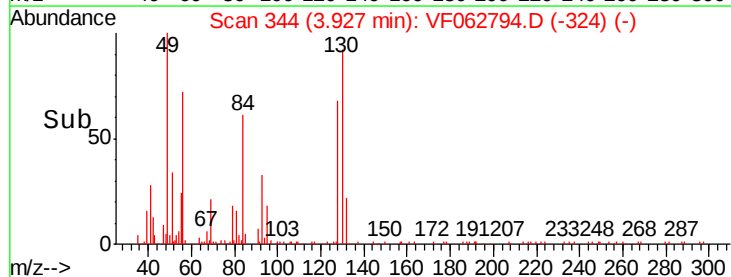
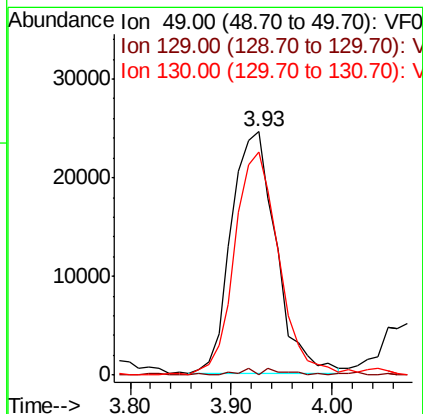
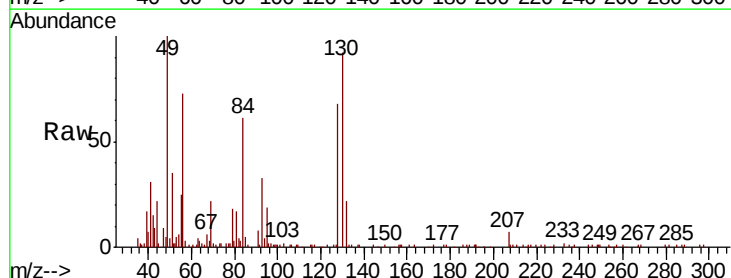
Tot Ion	Ratio	Lower	Upper
96	100		
61	118.6	0.0	213.8
98	59.4	0.0	127.0

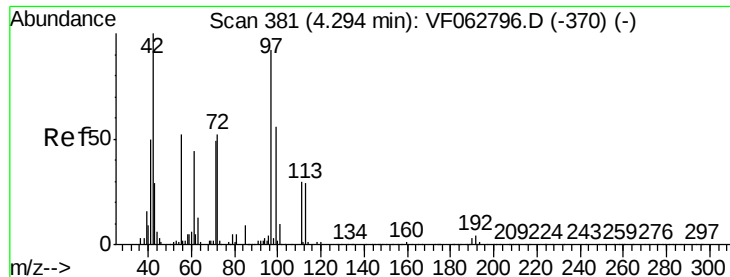


#28

Bromochloromethane
Concen: 9.397 ug/l
RT: 3.93 min Scan# 344
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	91.5	79.2	118.8

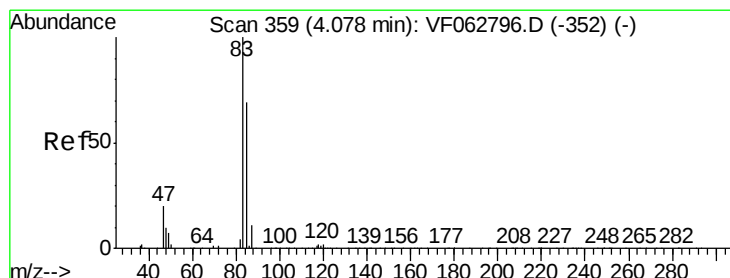
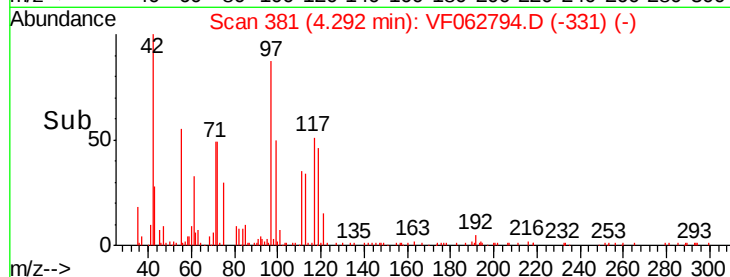
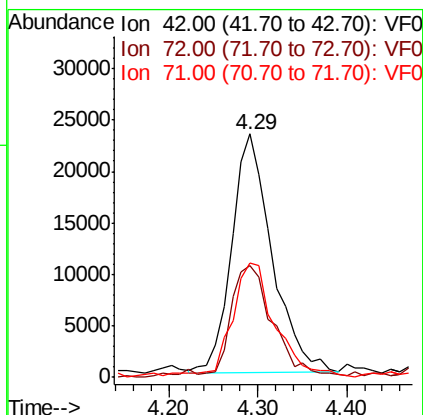
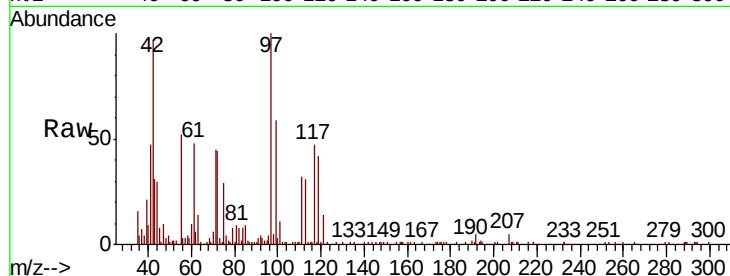




#29
Tetrahydrofuran
Concen: 49.610 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

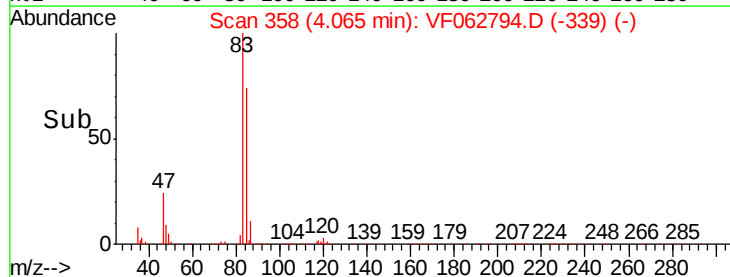
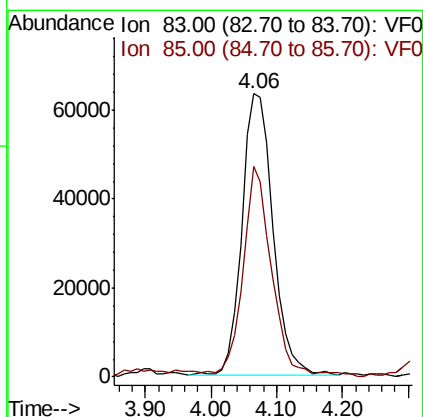
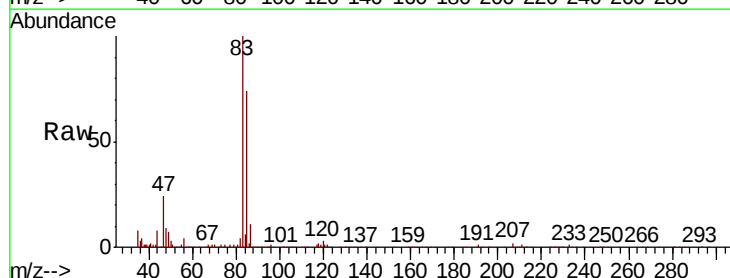
Instrument :
MSVOA_F
ClientSampleId :

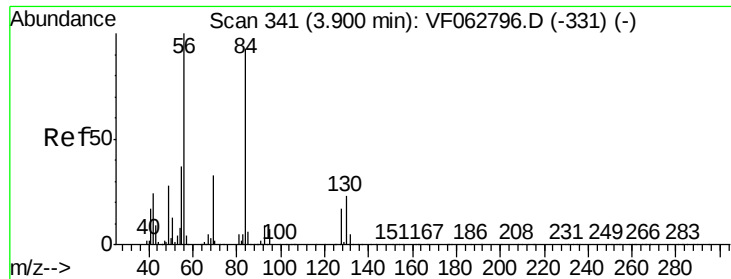
Tot Ion: 42 Resp: 72690
Ion Ratio Lower Upper
42 100
72 47.8 39.0 58.6
71 52.0 36.9 55.3



#30
Chloroform
Concen: 10.065 ug/l
RT: 4.06 min Scan# 358
Delta R.T. -0.01 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion: 83 Resp: 208745
Ion Ratio Lower Upper
83 100
85 74.5 55.0 82.6

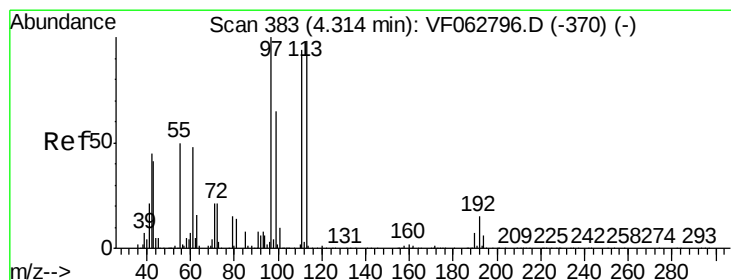
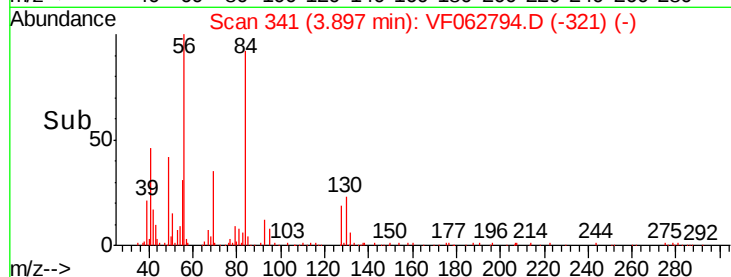
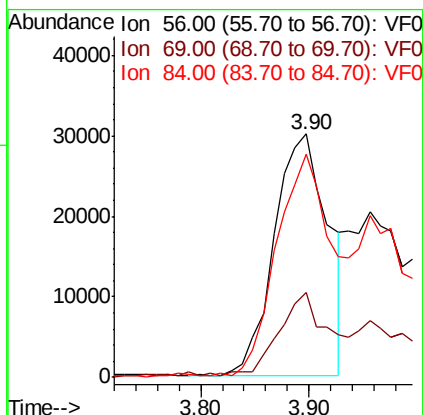
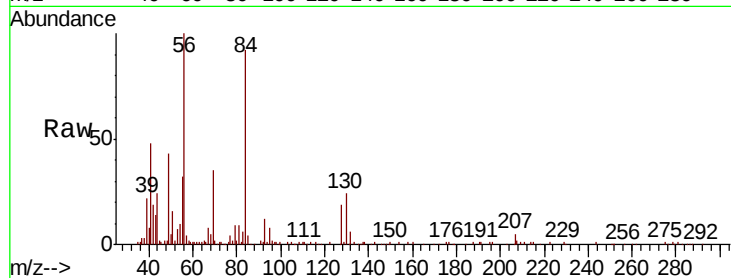




#31
Cyclohexane
Concen: 5.291 ug/l
RT: 3.90 min Scan# 341
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

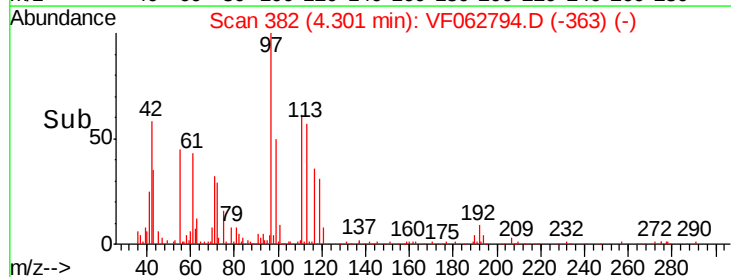
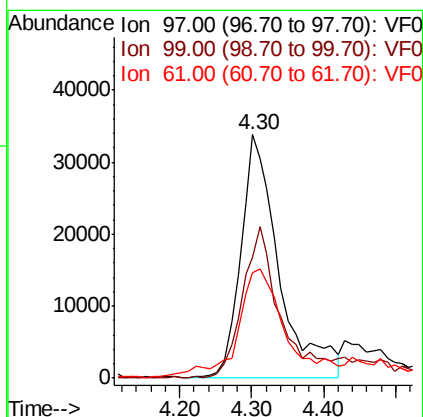
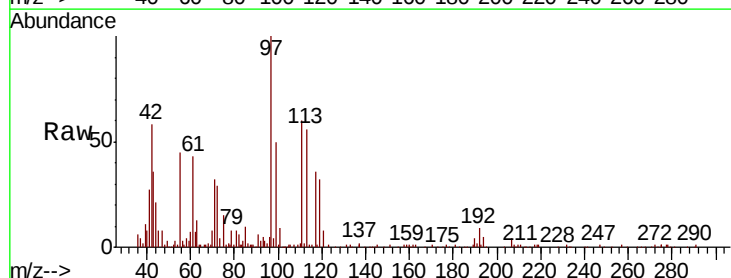
Instrument :
MSVOA_F
ClientSampleId :

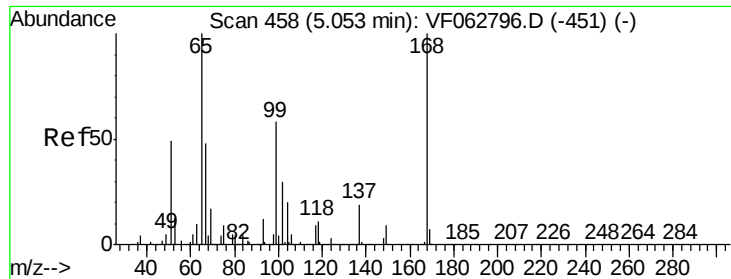
Tot Ion: 56 Resp: 104275
Ion Ratio Lower Upper
56 100
69 34.8 26.7 40.1
84 91.6 74.3 111.5



#32
1,1,1-Trichloroethane
Concen: 10.951 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.01 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion: 97 Resp: 125580
Ion Ratio Lower Upper
97 100
99 49.6 51.7 77.5#
61 43.2 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 9.154 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

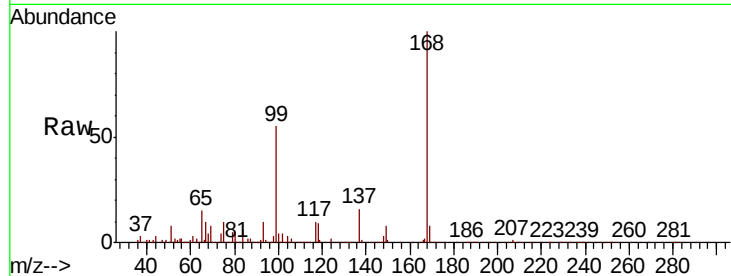
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 65 Resp: 65708

Ion Ratio Lower Upper

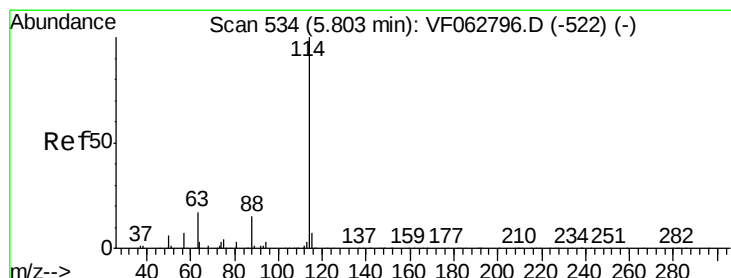
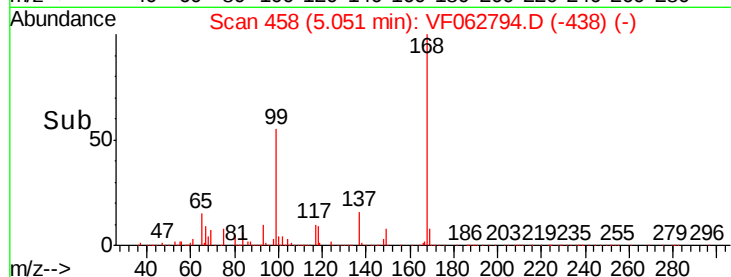
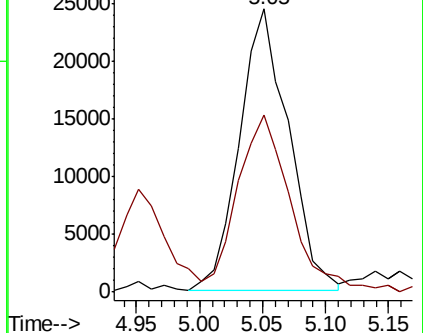
65 100

67 62.7 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. -0.01 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

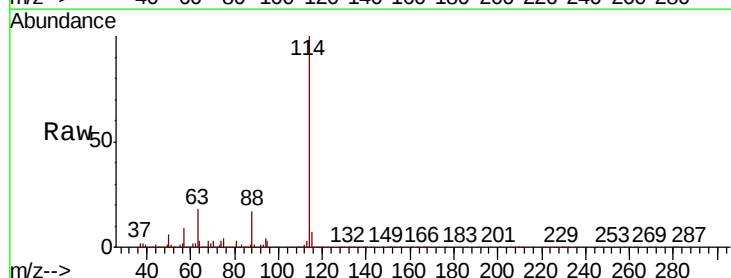
Tgt Ion:114 Resp: 1660030

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.2

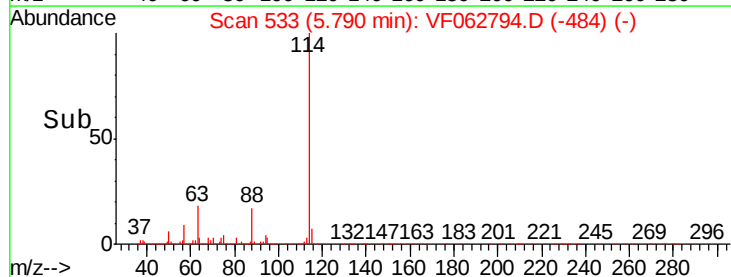
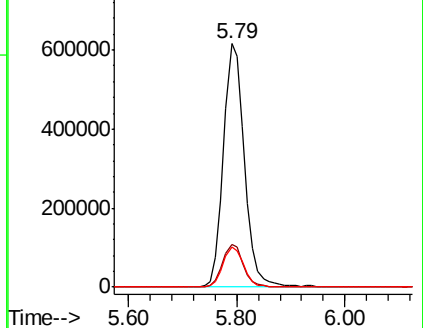
88 16.6 0.0 31.2

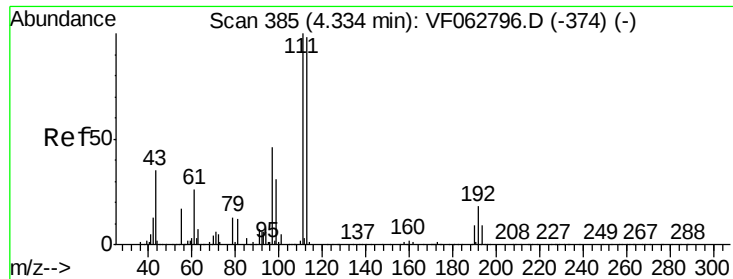


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 9.875 ug/l

RT: 4.33 min Scan# 385

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :
MSVOA_F
ClientSampled :

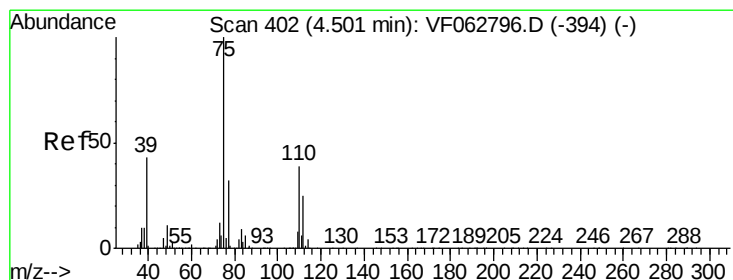
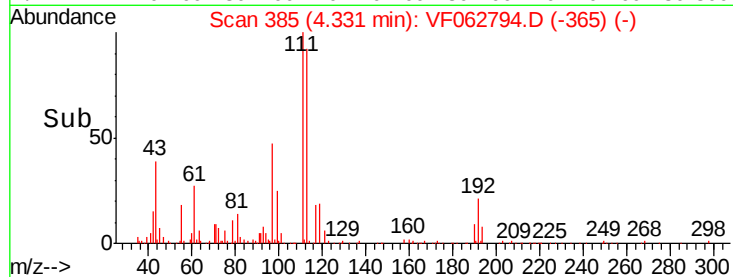
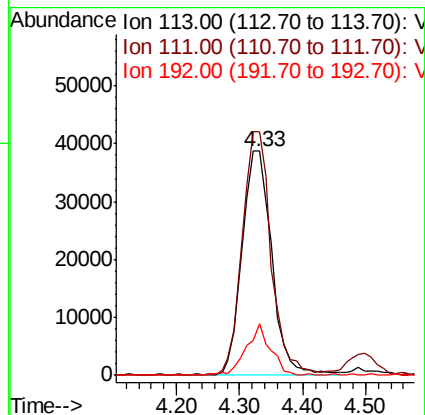
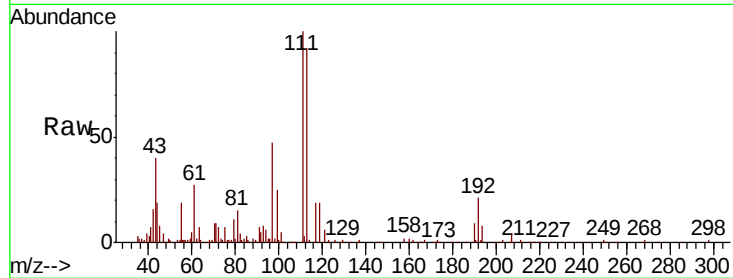
Tot Ion:113 Resp: 127366

Ion Ratio Lower Upper

113 100

111 108.4 81.9 122.9

192 23.0 15.1 22.7#



#36

1,1-Dichloropropene

Concen: 10.257 ug/l

RT: 4.49 min Scan# 401

Delta R.T. -0.01 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

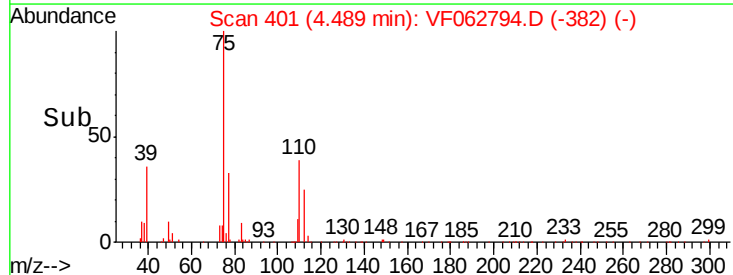
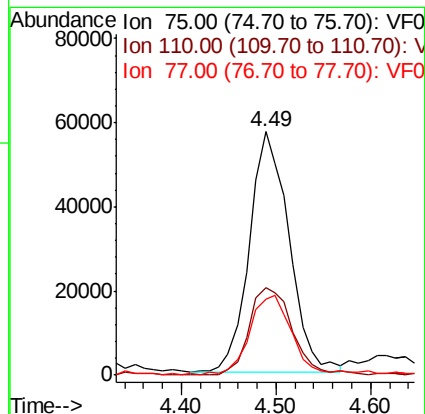
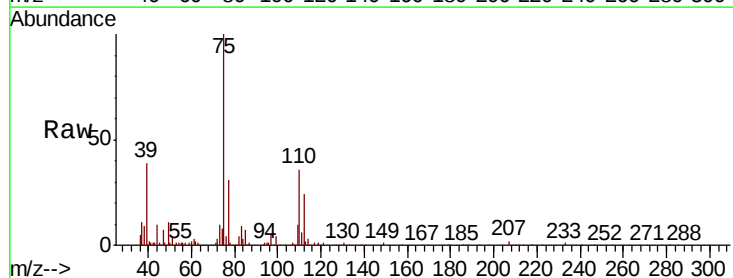
Tgt Ion: 75 Resp: 165995

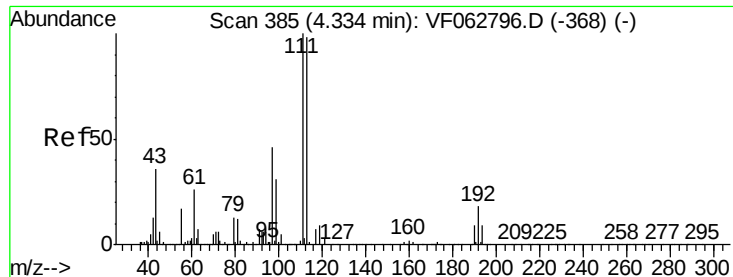
Ion Ratio Lower Upper

75 100

110 36.1 19.4 58.1

77 31.2 25.4 38.2

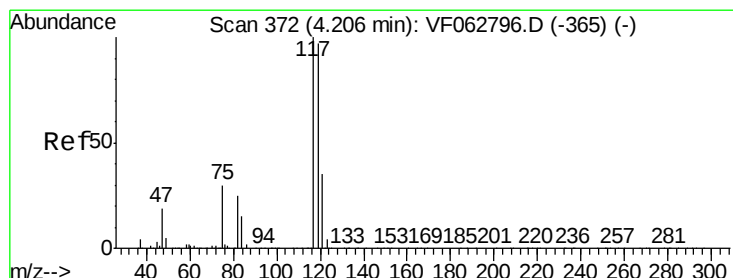
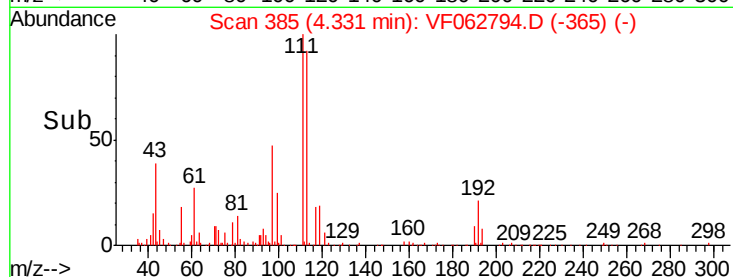
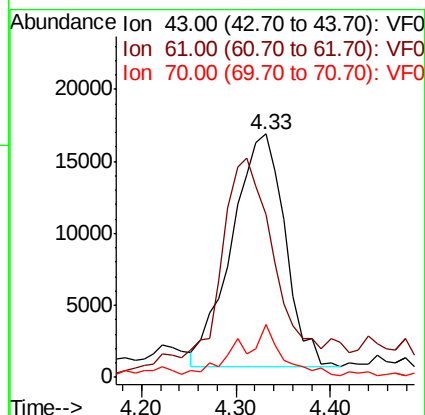
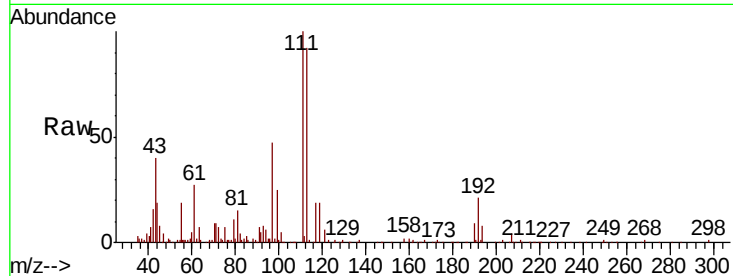




#37
Ethyl Acetate
Concen: 9.614 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

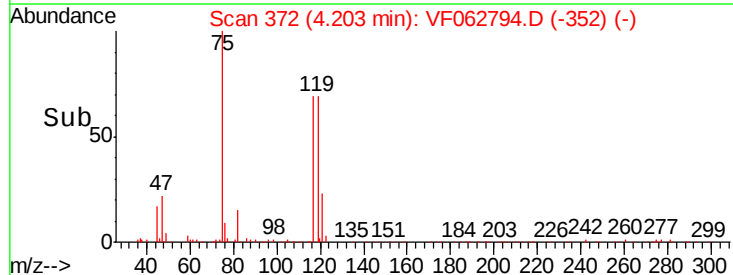
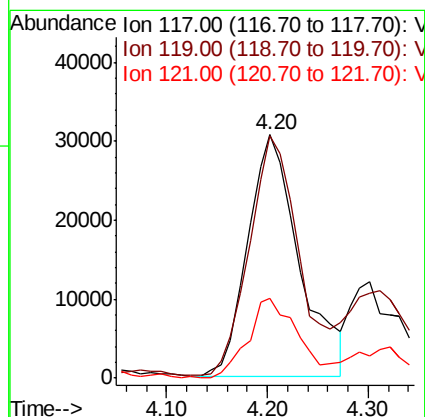
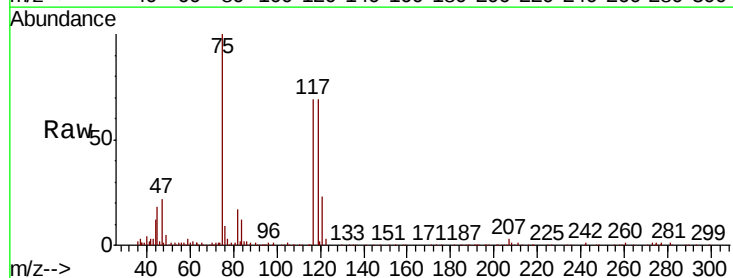
Instrument :
MSVOA_F
ClientSampleId :

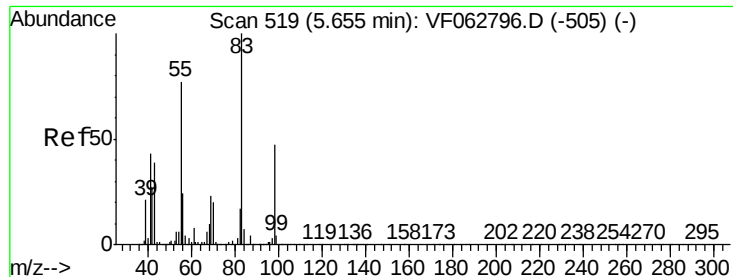
Tot Ion: 43 Resp: 62702
Ion Ratio Lower Upper
43 100
61 66.9 59.1 88.7
70 21.5 10.1 15.1#



#38
Carbon Tetrachloride
Concen: 10.113 ug/l
RT: 4.20 min Scan# 372
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion: 117 Resp: 109529
Ion Ratio Lower Upper
117 100
119 99.6 78.2 117.2
121 32.7 28.2 42.2

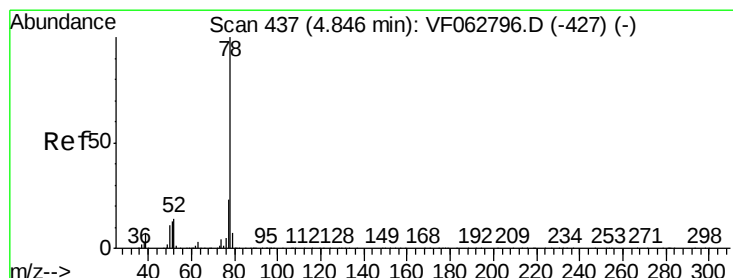
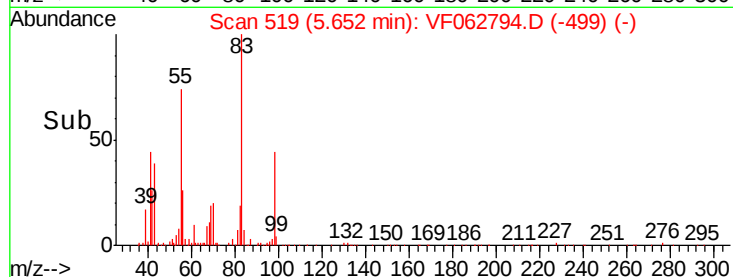
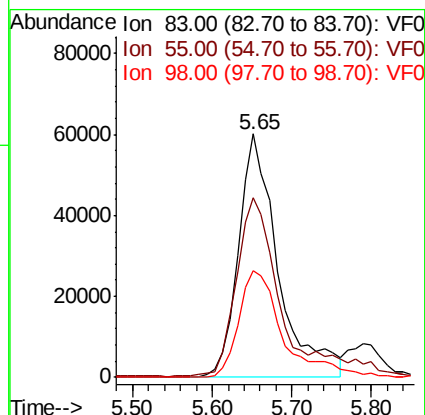
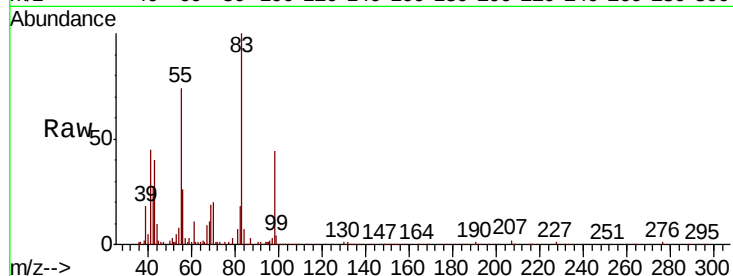




#39
Methvlcvclohexane
Concen: 10.448 ug/l
RT: 5.65 min Scan# 519
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

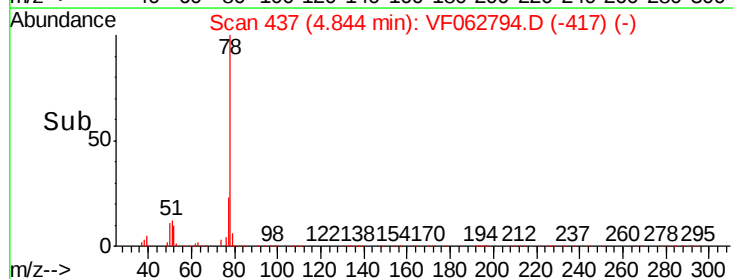
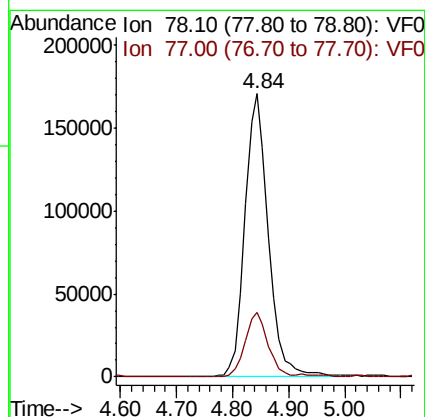
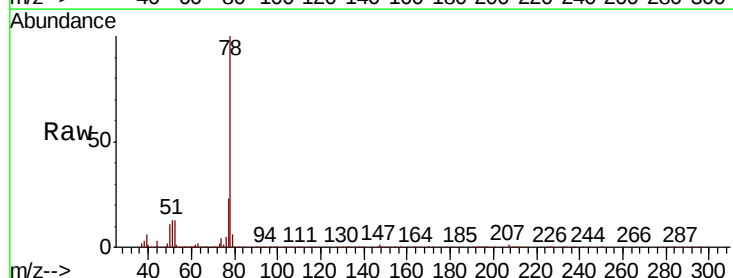
Instrument :
MSVOA_F
ClientSampleId :

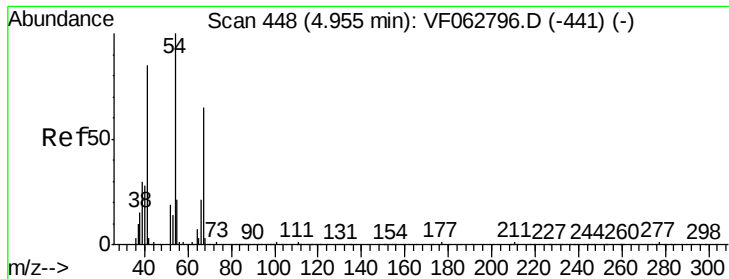
Tot Ion	83.00	Resp	206154
Ion Ratio	Lower	Upper	
83	100		
55	73.7	61.6	92.4
98	43.8	37.4	56.2



#40
Benzene
Concen: 10.330 ug/l
RT: 4.84 min Scan# 437
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion	78	Resp	493215
Ion Ratio	Lower	Upper	
78	100		
77	23.0	18.9	28.3

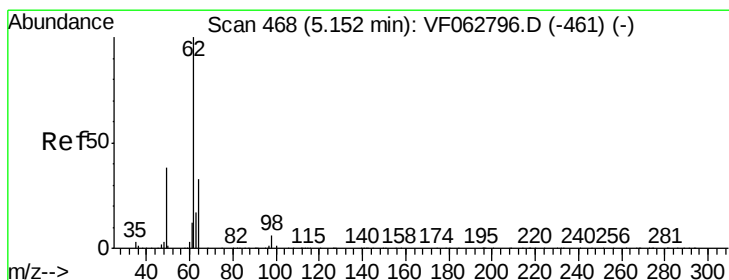
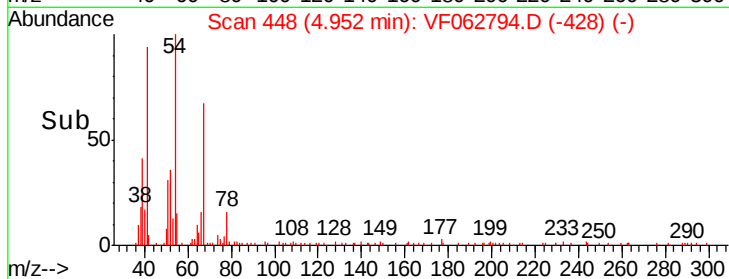
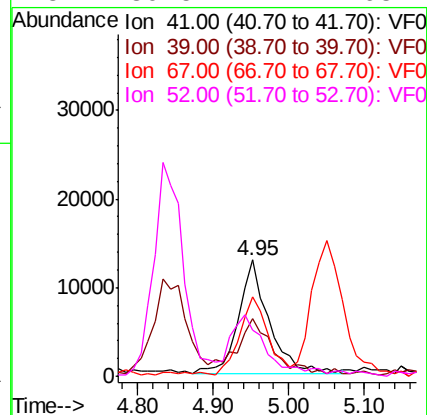
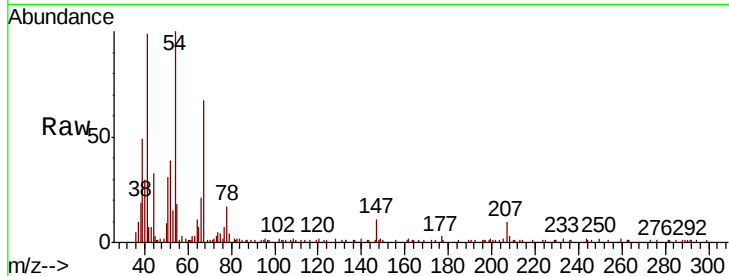




#41
Methacrylonitrile
Concen: 10.166 ug/l
RT: 4.95 min Scan# 448
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

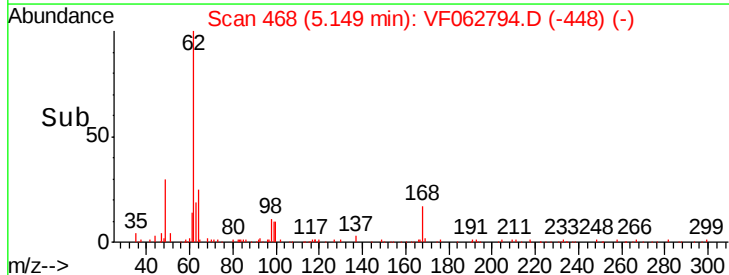
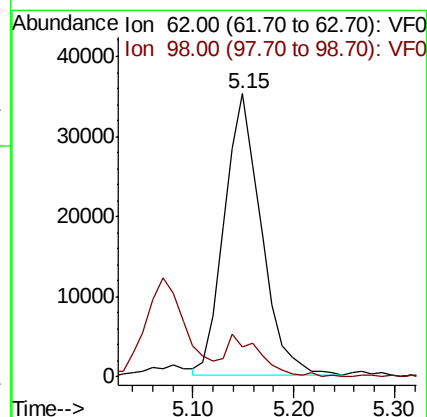
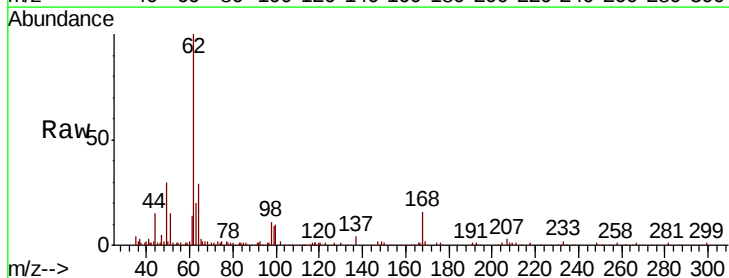
Instrument :
MSVOA_F
ClientSampled :

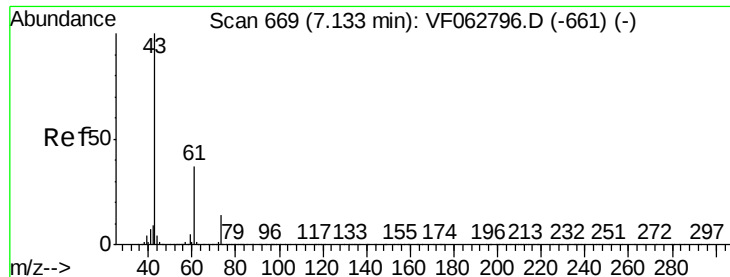
Tot Ion:	41	Resp:	36011
Ion	Ratio	Lower	Upper
41	100		
39	49.5	42.0	63.0
67	67.9	61.4	92.0
52	39.5	42.1	63.1#



#42
1,2-Dichloroethane
Concen: 10.113 ug/l
RT: 5.15 min Scan# 468
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion:	62	Resp:	89743
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	24.0





#43

Isopropyl Acetate

Concen: 9.379 ug/l

RT: 7.13 min Scan# 669

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :

MSVOA_F

ClientSampleId :

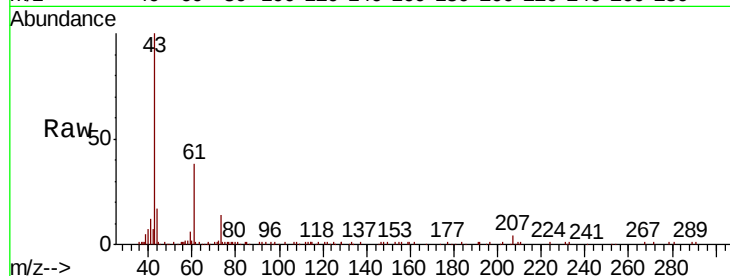
Tot Ion: 43 Resp: 75815

Ion Ratio Lower Upper

43 100

61 38.2 29.8 44.6

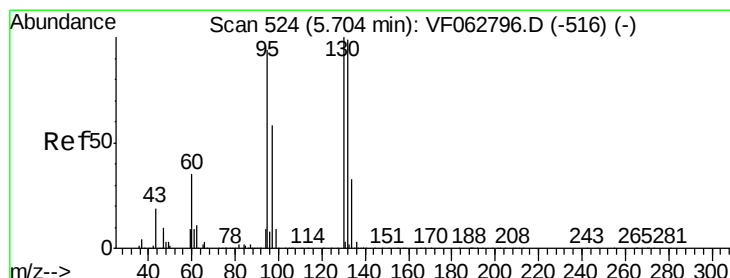
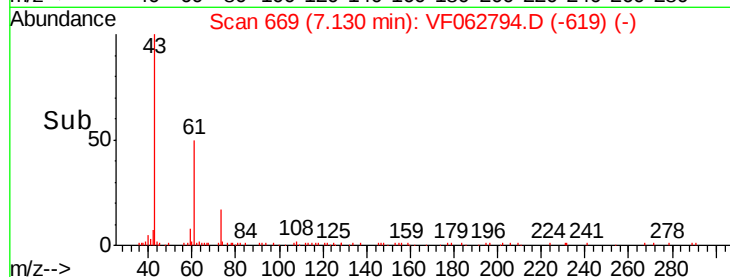
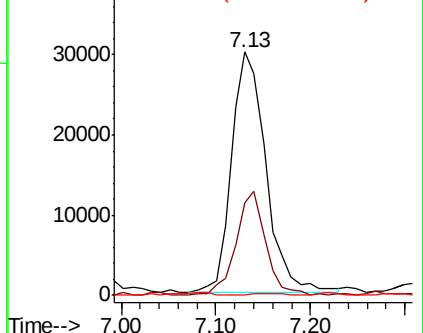
87 0.0 0.3 0.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0



#44

Trichloroethene

Concen: 10.345 ug/l

RT: 5.70 min Scan# 524

Delta R.T. -0.00 min

Lab File: VF062794.D

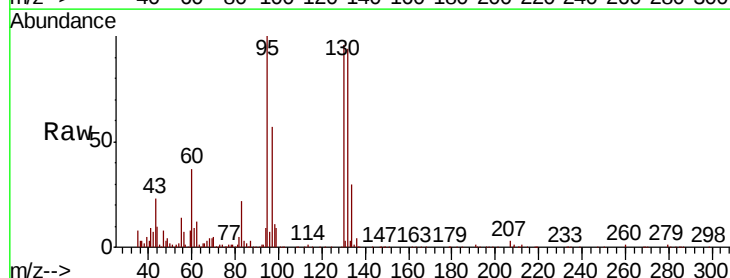
Acq: 30 May 2019 14:35

Tgt Ion:130 Resp: 138385

Ion Ratio Lower Upper

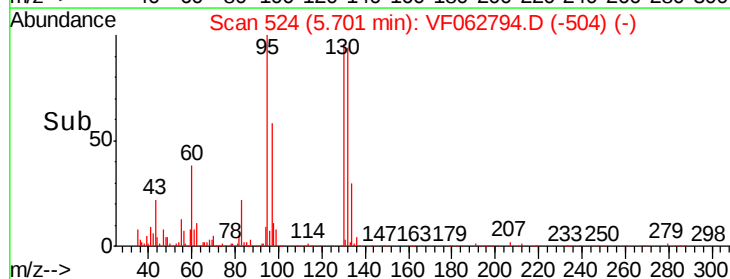
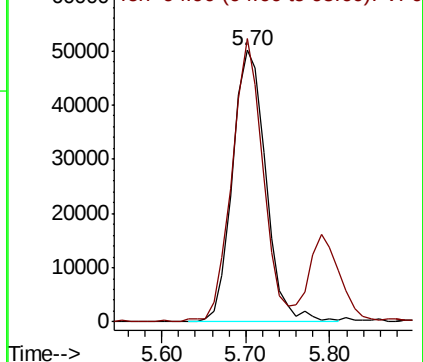
130 100

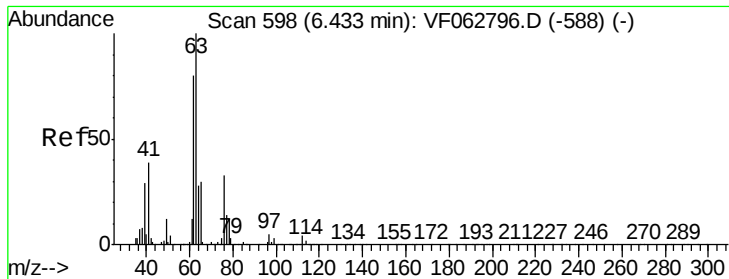
95 104.3 0.0 188.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 10.433 ug/l

RT: 6.43 min Scan# 598

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

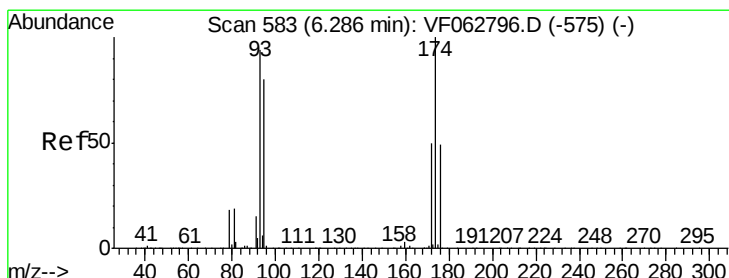
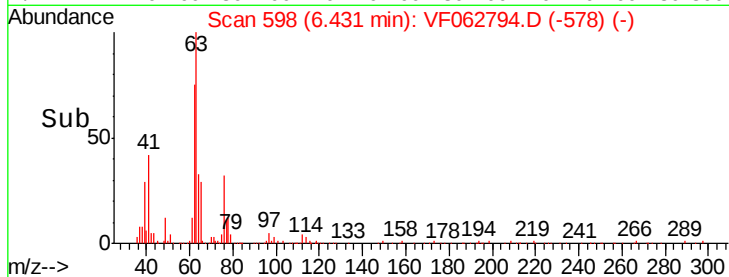
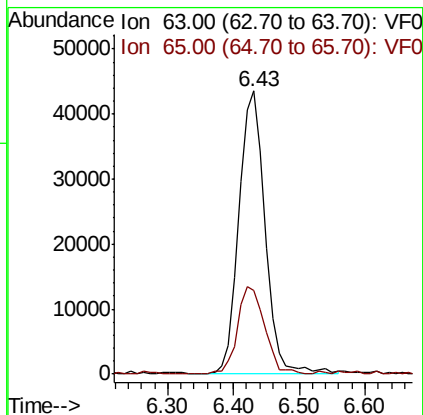
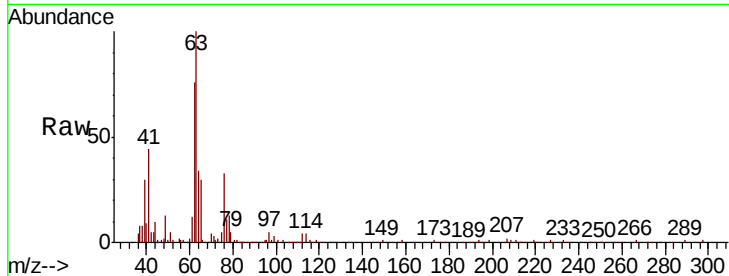
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 63 Resp: 122661

Ion Ratio Lower Upper

63 100

65 29.6 24.2 36.2



#46

Dibromomethane

Concen: 9.896 ug/l

RT: 6.28 min Scan# 583

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

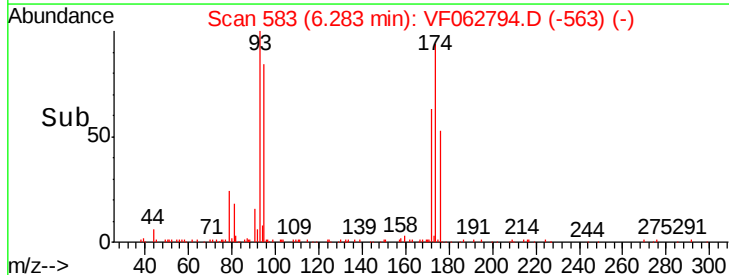
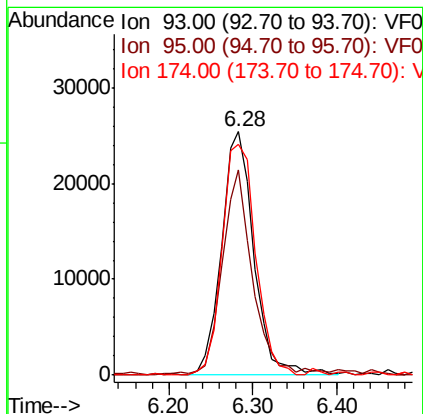
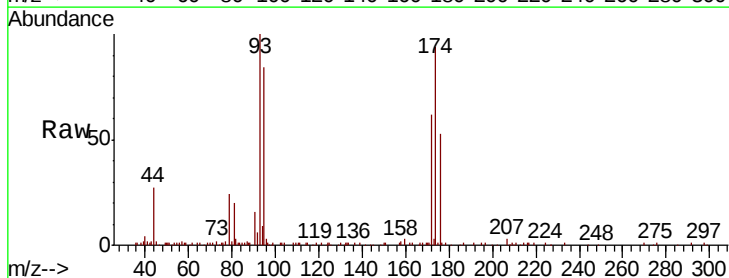
Tgt Ion: 93 Resp: 67633

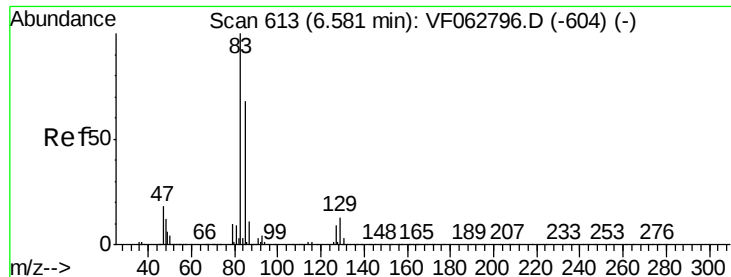
Ion Ratio Lower Upper

93 100

95 84.3 67.9 101.9

174 94.8 85.0 127.4





#47

Bromodichloromethane

Concen: 9.780 ug/l

RT: 6.57 min Scan# 612

Delta R.T. -0.01 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :
MSVOA_F
ClientSampleId :

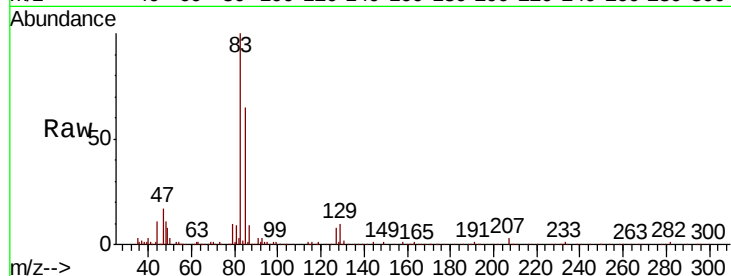
Tot Ion: 83 Resp: 136163

Ion Ratio Lower Upper

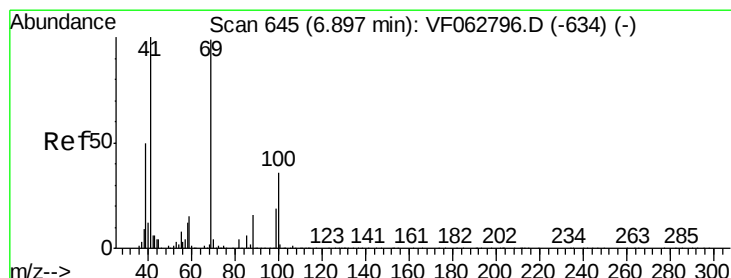
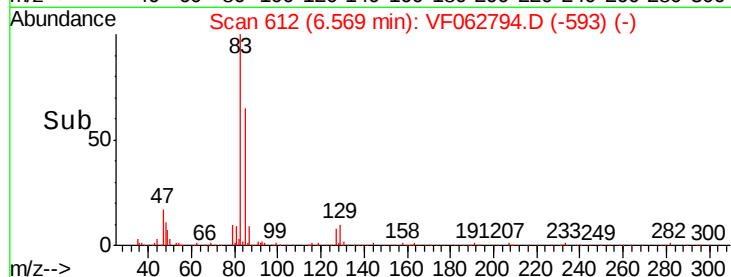
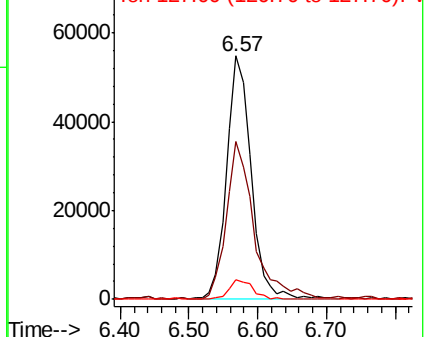
83 100

85 64.9 54.2 81.4

127 8.0 7.0 10.4



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



#48

Methyl methacrylate

Concen: 9.298 ug/l

RT: 6.89 min Scan# 645

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

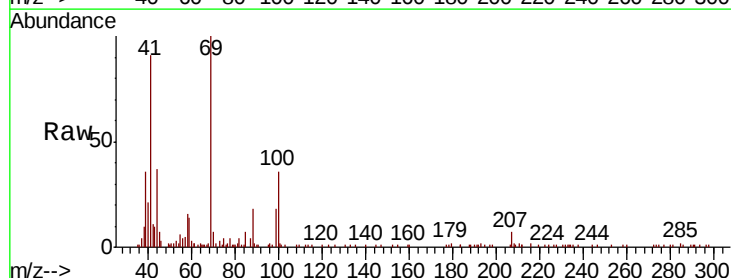
Tgt Ion: 41 Resp: 38314

Ion Ratio Lower Upper

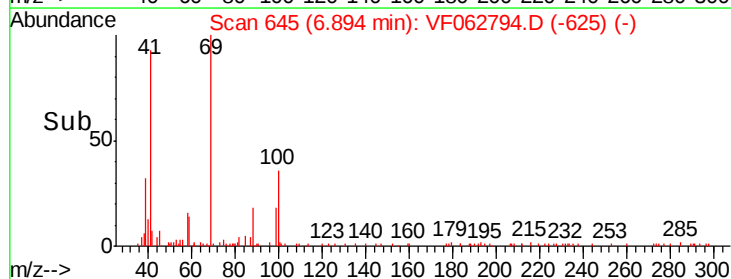
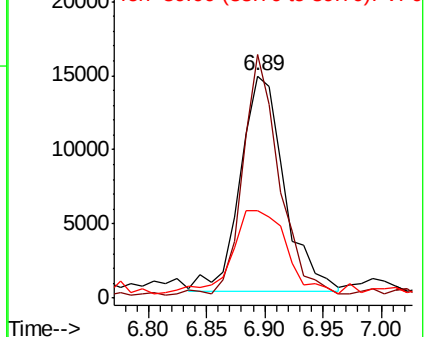
41 100

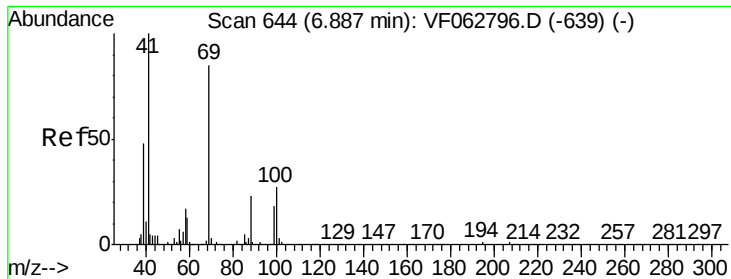
69 109.7 79.4 119.2

39 39.2 39.8 59.6#



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

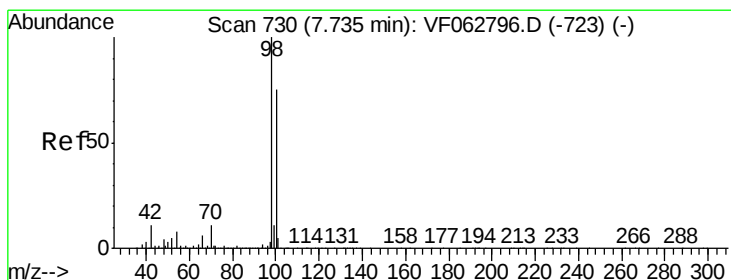
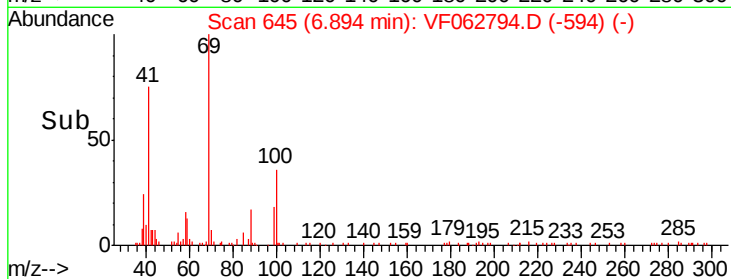
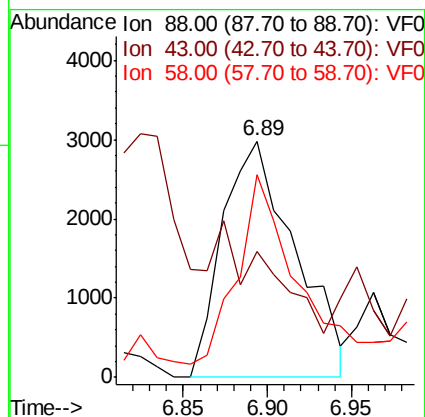
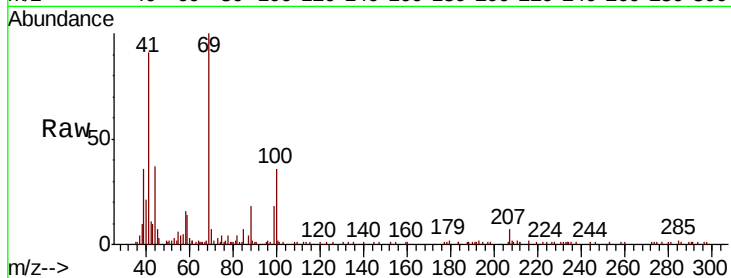




#49
1,4-Dioxane
Concen: 179.673 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.01 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

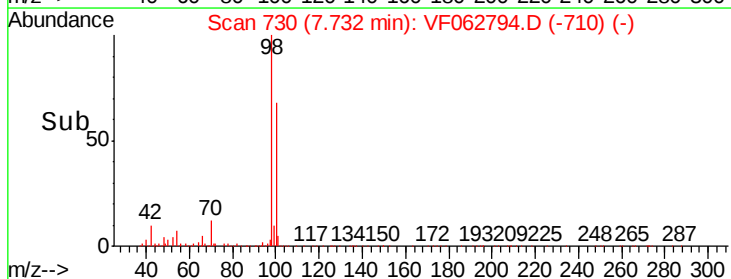
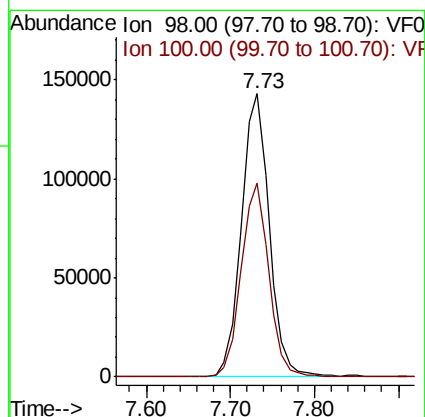
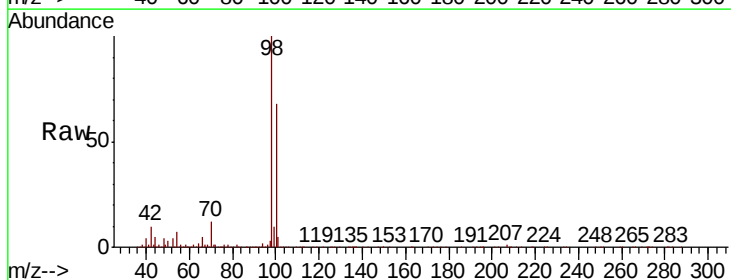
Instrument :
MSVOA_F
ClientSampleId :

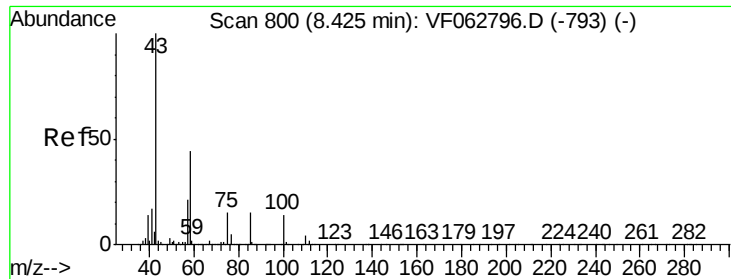
Tot Ion: 88 Resp: 8930
Ion Ratio Lower Upper
88 100
43 53.3 34.8 52.2#
58 85.8 59.9 89.9



#50
Toluene-d8
Concen: 9.866 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion: 98 Resp: 330216
Ion Ratio Lower Upper
98 100
100 68.4 59.8 89.8





#51

4-Methyl-2-Pentanone

Concen: 49.812 ug/l

RT: 8.42 min Scan# 800

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :

MSVOA_F

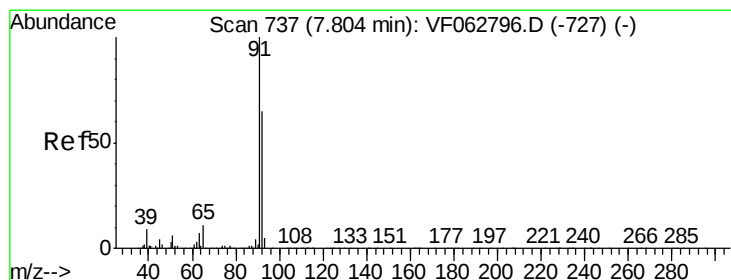
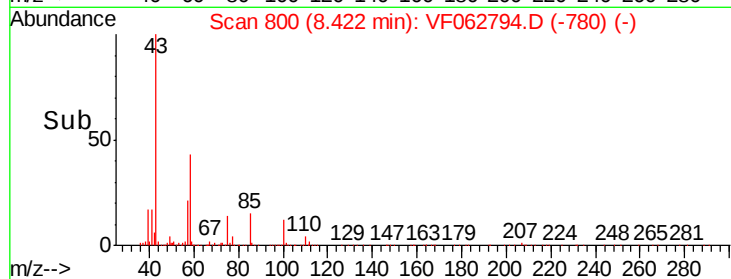
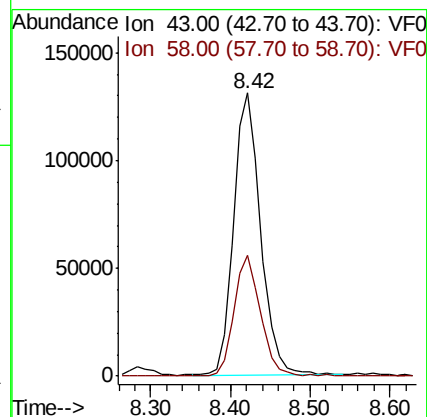
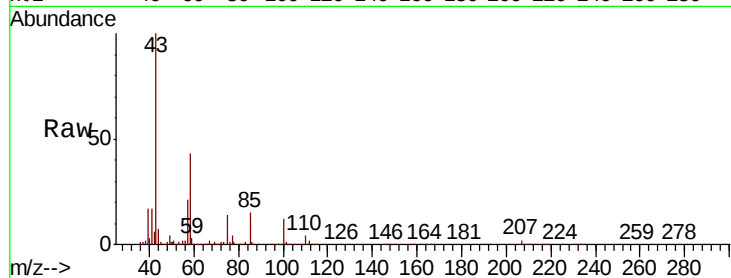
ClientSampleId :

Tot Ion: 43 Resp: 309720

Ion Ratio Lower Upper

43 100

58 42.8 35.5 53.3



#52

Toluene

Concen: 10.250 ug/l

RT: 7.80 min Scan# 737

Delta R.T. -0.00 min

Lab File: VF062794.D

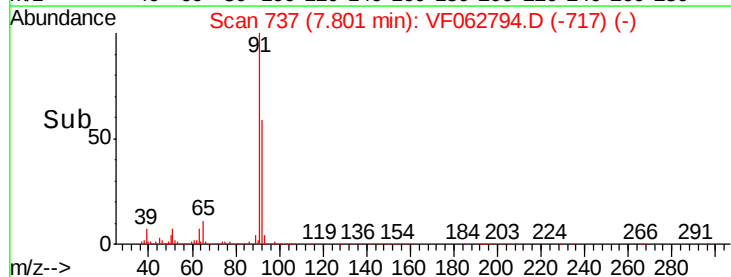
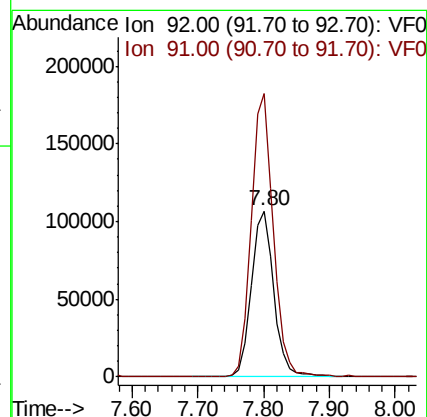
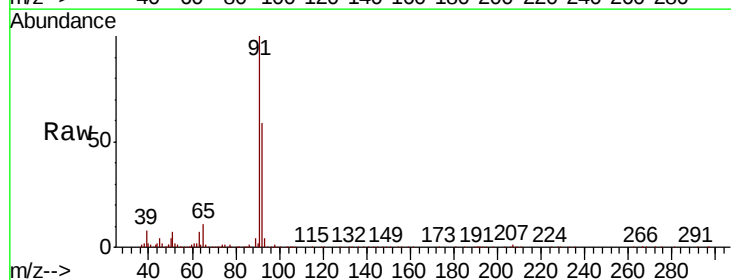
Acq: 30 May 2019 14:35

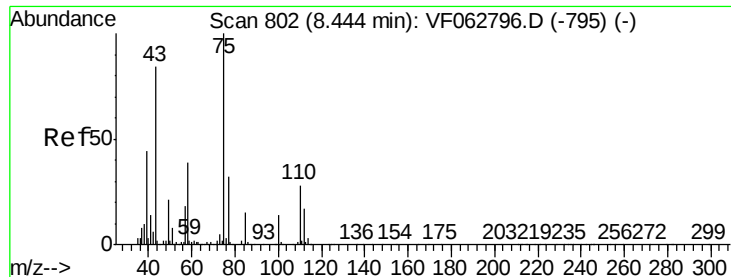
Tgt Ion: 92 Resp: 256134

Ion Ratio Lower Upper

92 100

91 170.8 123.2 184.8

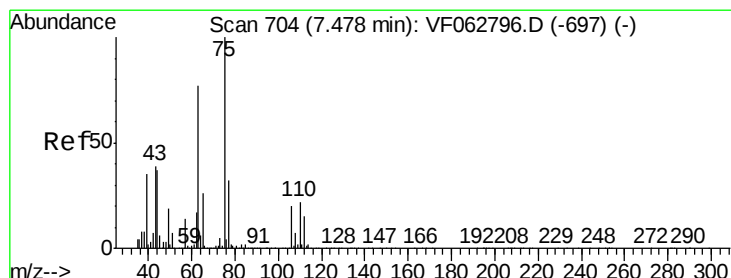
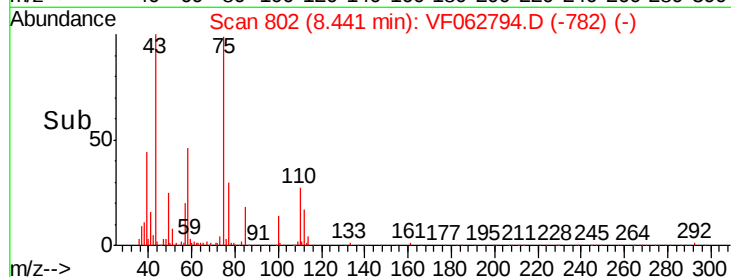
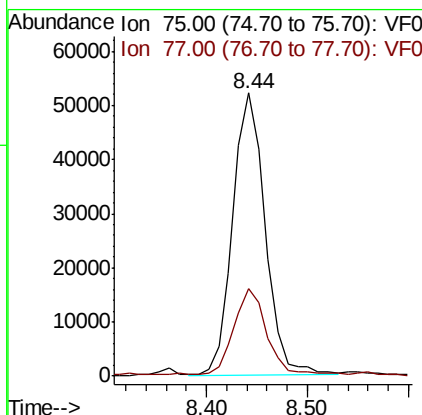
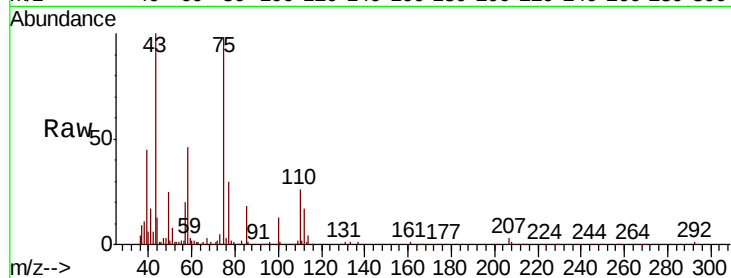




#53
 t-1,3-Dichloropropene
 Concen: 10.125 ug/l
 RT: 8.44 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: VF062794.D
 Acq: 30 May 2019 14:35

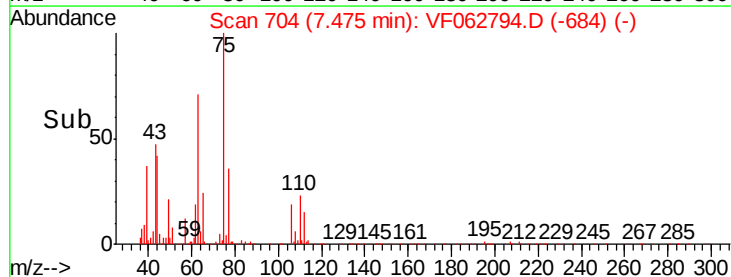
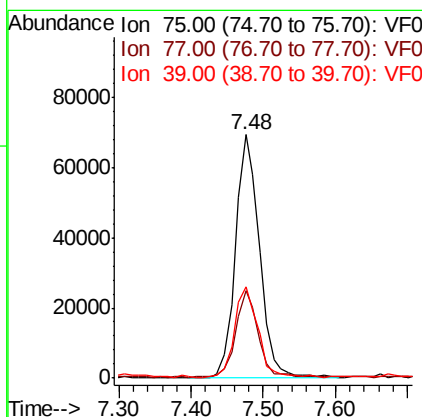
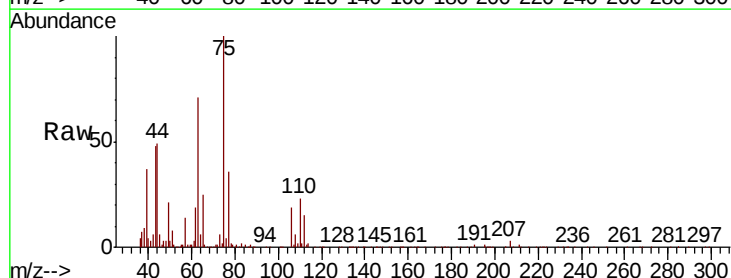
Instrument :
 MSVOA_F
 ClientSampled :

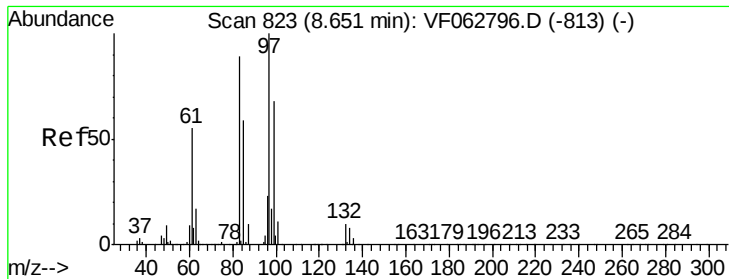
Tot Ion: 75 Resp: 116702
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 9.703 ug/l
 RT: 7.48 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: VF062794.D
 Acq: 30 May 2019 14:35

Tgt Ion: 75 Resp: 161872
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.8 38.8
 39 37.5 28.4 42.6





#55

1,1,2-Trichloroethane

Concen: 10.041 ug/l

RT: 8.66 min Scan# 824

Delta R.T. 0.01 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 97 Resp: 76809

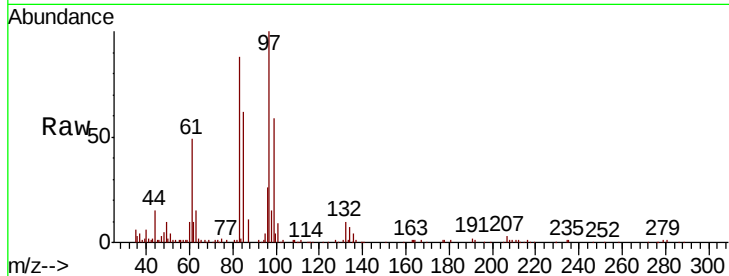
Ion Ratio Lower Upper

97 100

83 88.3 72.0 108.0

85 62.5 47.5 71.3

99 58.6 54.1 81.1

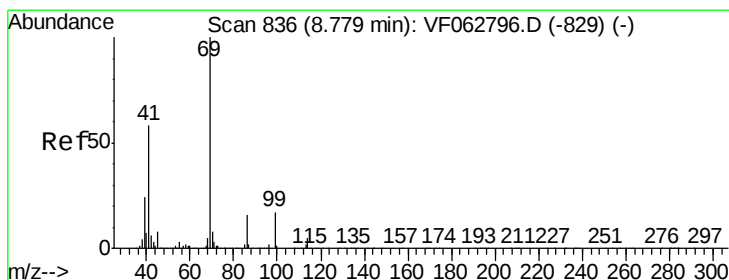
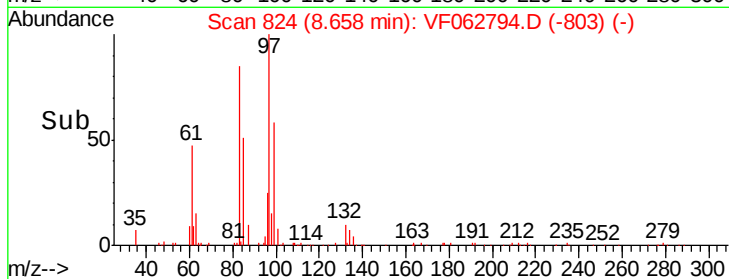
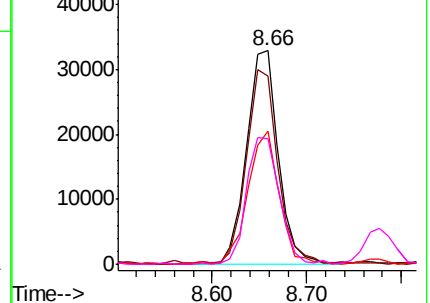


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 9.358 ug/l

RT: 8.78 min Scan# 836

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

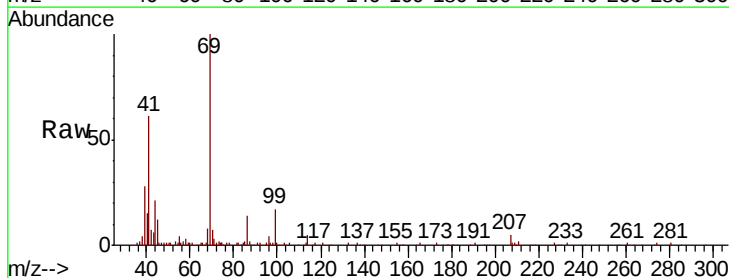
Tgt Ion: 69 Resp: 73434

Ion Ratio Lower Upper

69 100

41 61.4 46.6 69.8

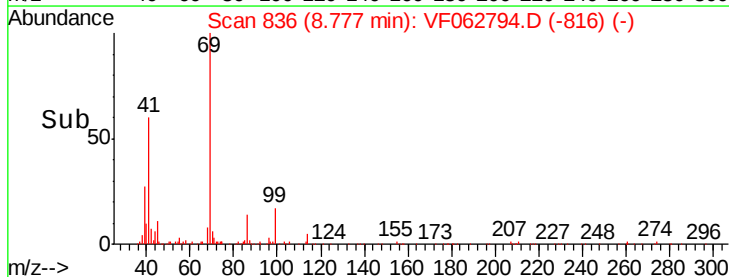
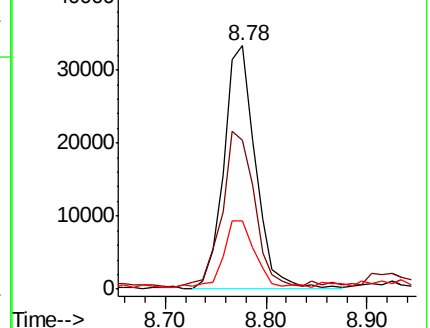
39 28.0 19.6 29.4

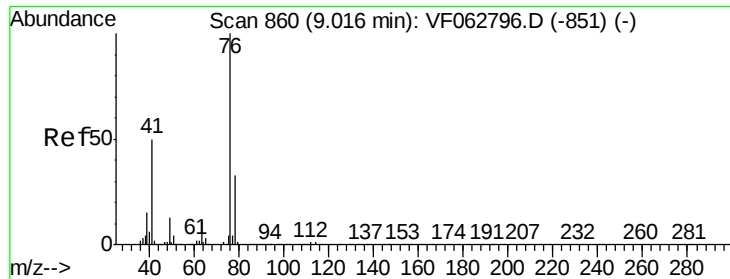


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

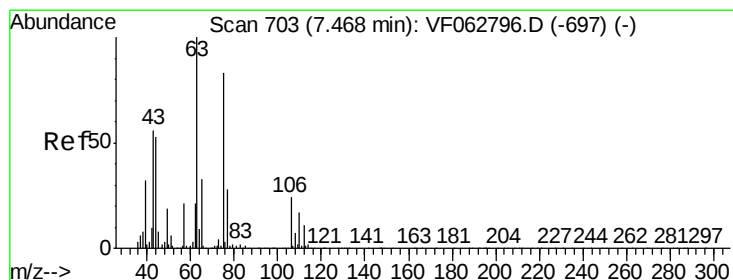
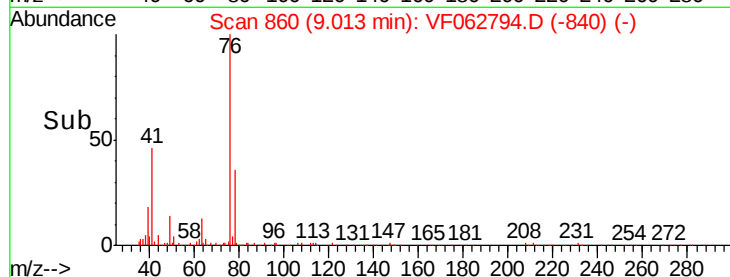
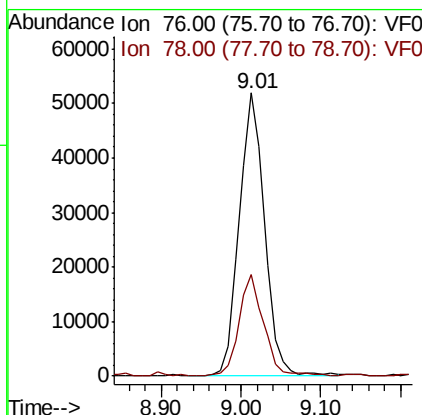
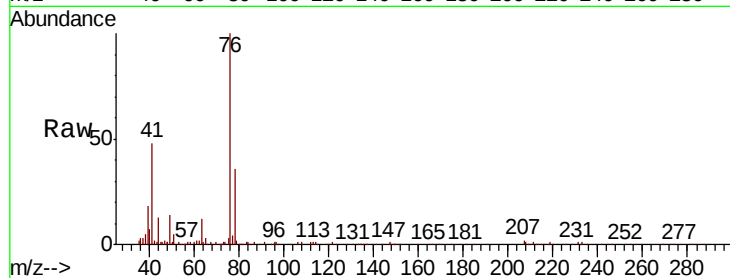




#57
 1,3-Dichloropropane
 Concen: 9.219 ug/l
 RT: 9.01 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: VF062794.D
 Acq: 30 May 2019 14:35

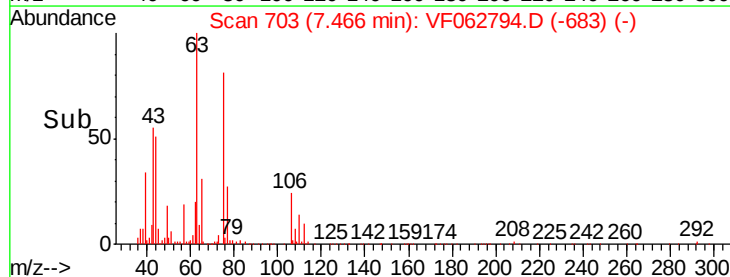
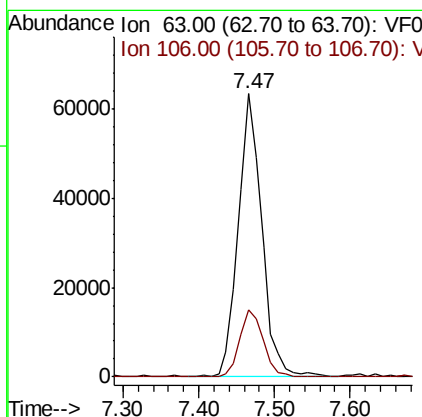
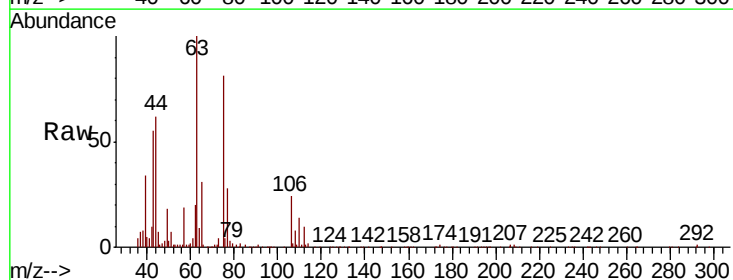
Instrument :
 MSVOA_F
 ClientSampleId :

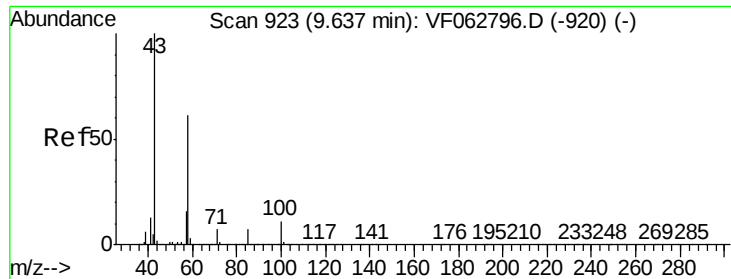
Tot Ion: 76 Resp: 114740
 Ion Ratio Lower Upper
 76 100
 78 35.9 26.8 40.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 49.085 ug/l
 RT: 7.47 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: VF062794.D
 Acq: 30 May 2019 14:35

Tgt Ion: 63 Resp: 136411
 Ion Ratio Lower Upper
 63 100
 106 23.8 19.5 29.3

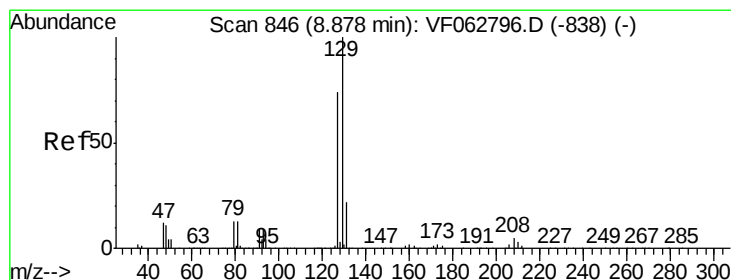
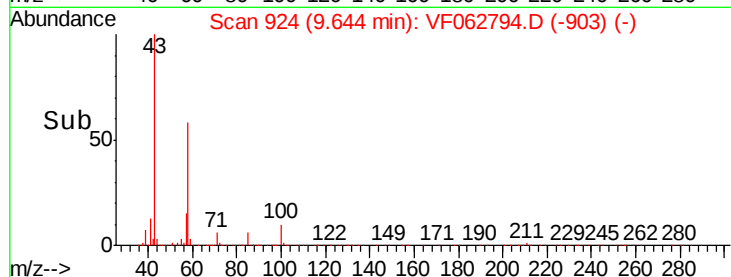
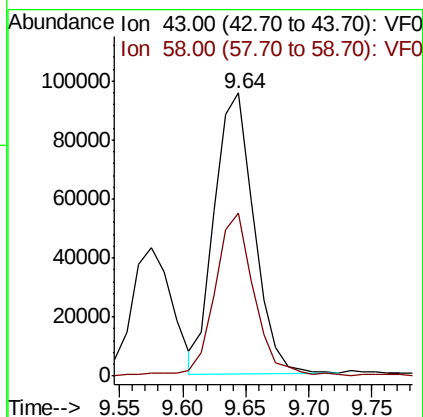
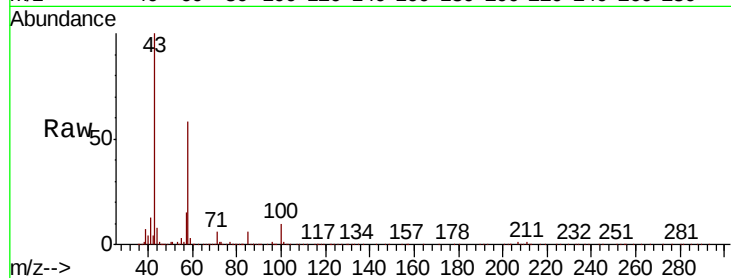




#59
2-Hexanone
Concen: 47.645 ug/l
RT: 9.64 min Scan# 924
Delta R.T. 0.01 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

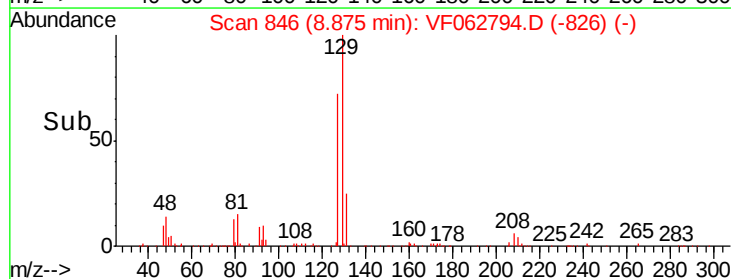
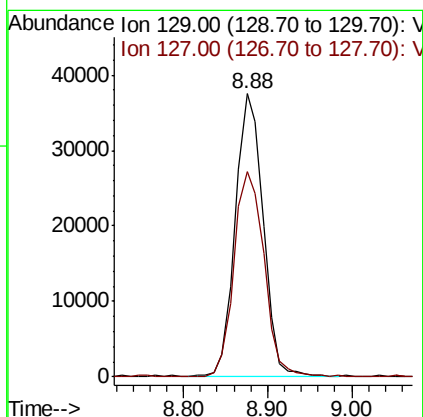
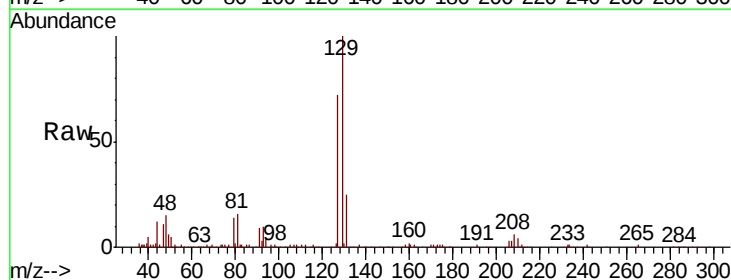
Instrument :
MSVOA_F
ClientSampleId :

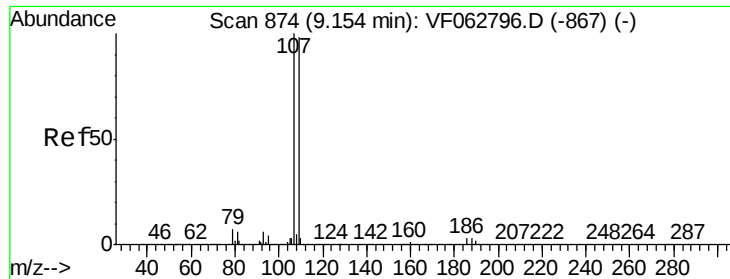
Tot Ion: 43 Resp: 207275
Ion Ratio Lower Upper
43 100
58 57.8 29.3 87.9



#60
Dibromochloromethane
Concen: 9.395 ug/l
RT: 8.88 min Scan# 846
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion: 129 Resp: 86695
Ion Ratio Lower Upper
129 100
127 72.4 37.1 111.3





#61

1,2-Dibromoethane

Concen: 9.308 ug/l

RT: 9.15 min Scan# 874

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :

MSVOA_F

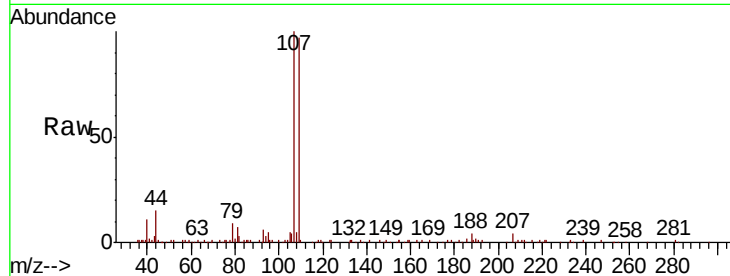
ClientSampleId :

Tot Ion:107 Resp: 70322

Ion Ratio Lower Upper

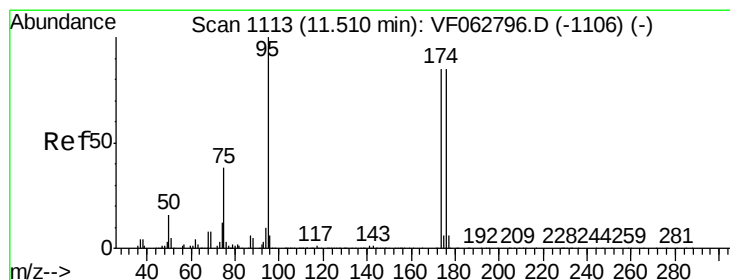
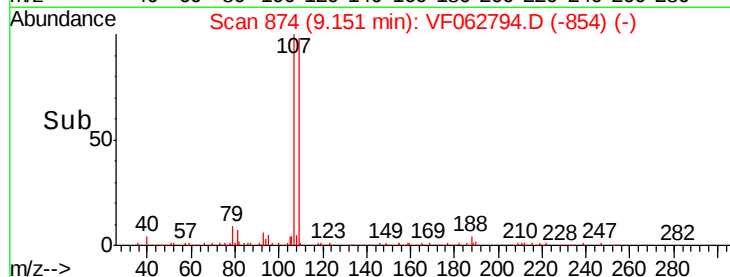
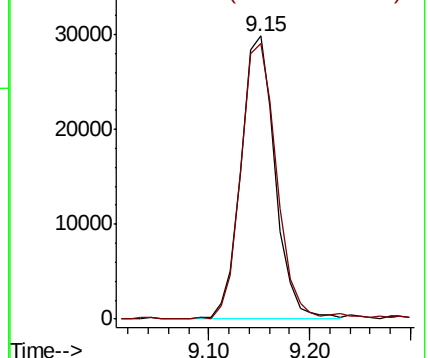
107 100

109 97.2 78.1 117.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 9.132 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

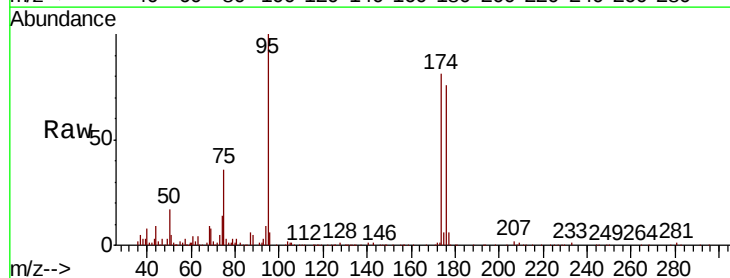
Tgt Ion: 95 Resp: 104546

Ion Ratio Lower Upper

95 100

174 81.2 0.0 170.6

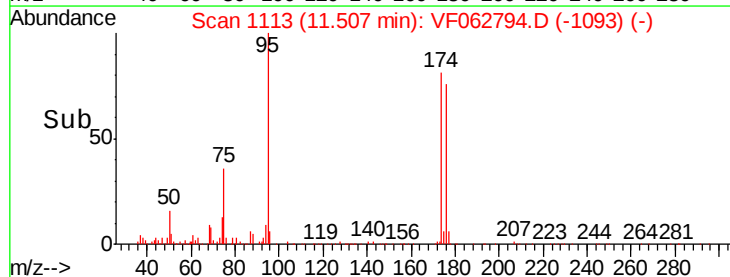
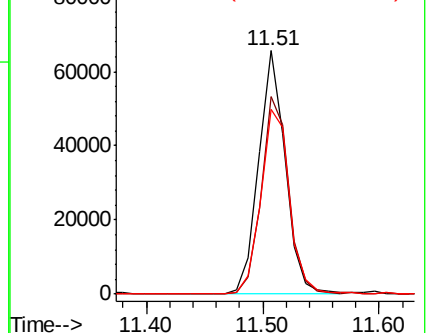
176 75.7 0.0 170.6

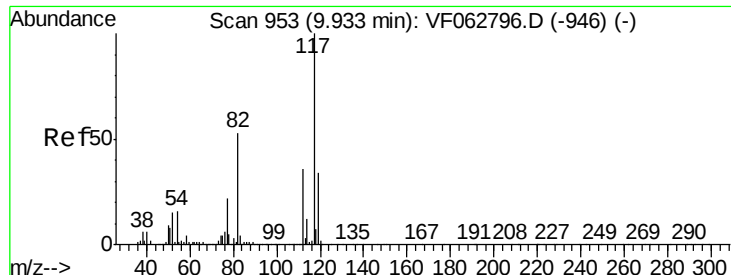


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

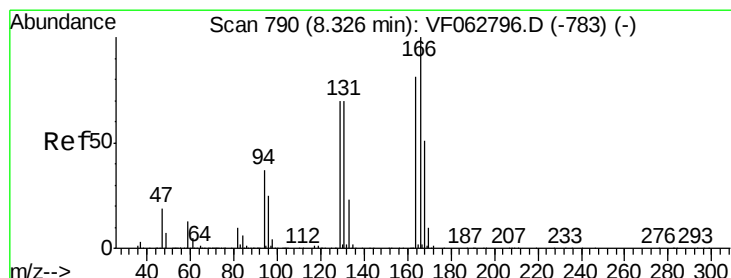
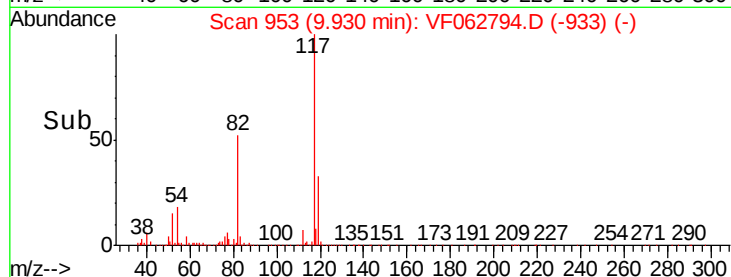
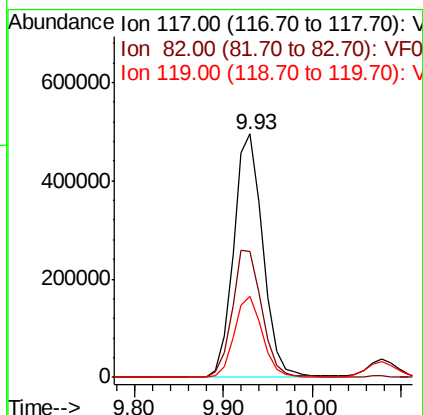
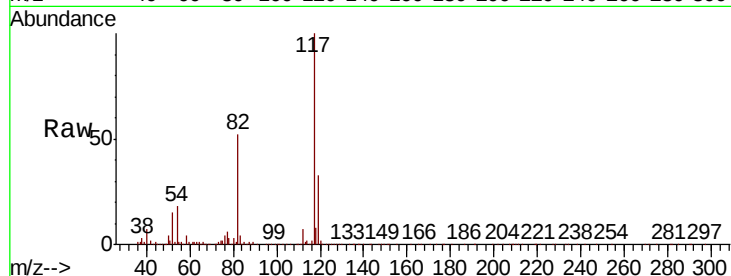




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

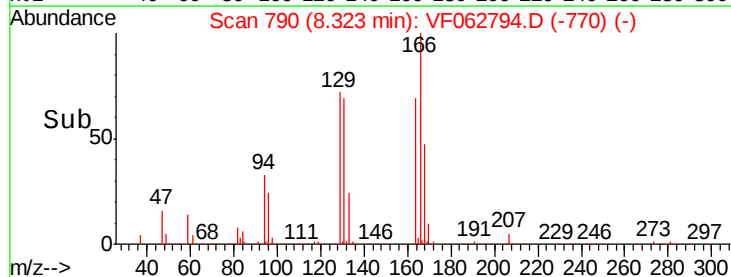
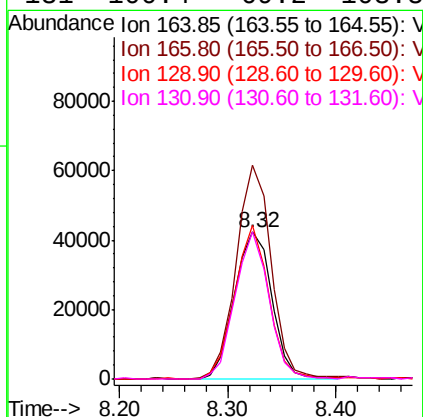
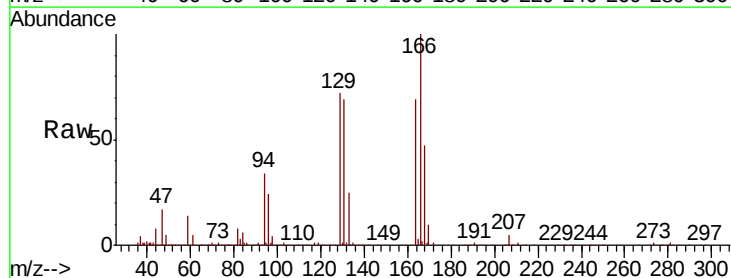
Instrument :
MSVOA_F
ClientSampleId :

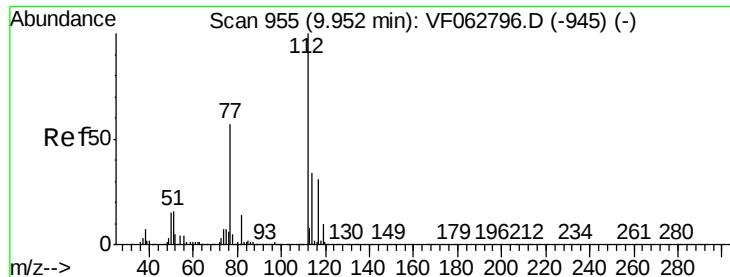
Tot Ion:117 Resp: 1137133
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 33.1 27.1 40.7



#64
Tetrachloroethene
Concen: 10.817 ug/l
RT: 8.32 min Scan# 790
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion:164 Resp: 102631
Ion Ratio Lower Upper
164 100
166 145.1 99.1 148.7
129 104.7 69.5 104.3#
131 100.4 69.2 103.8

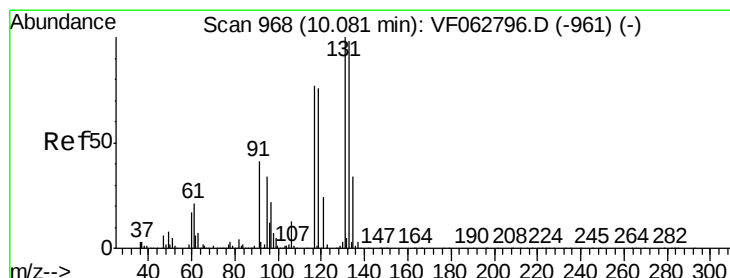
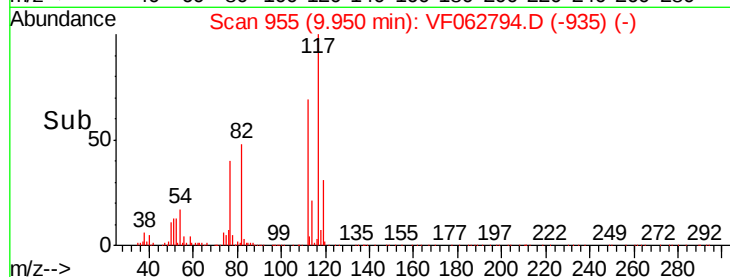
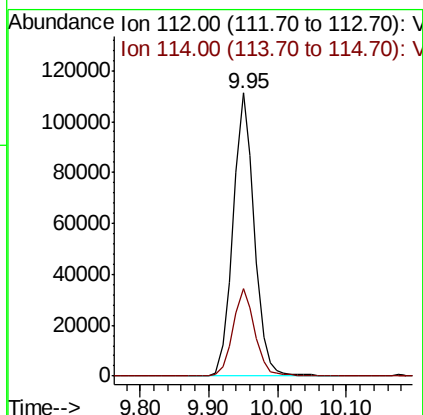
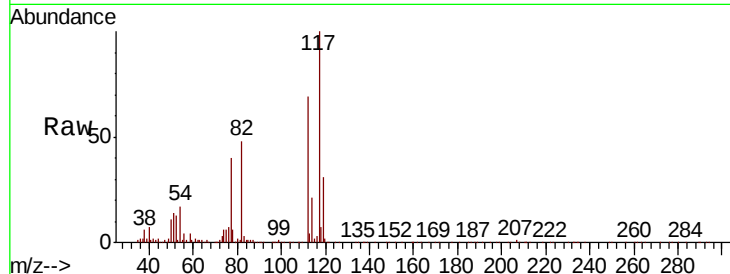




#65
Chlorobenzene
Concen: 10.294 ug/l
RT: 9.95 min Scan# 955
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

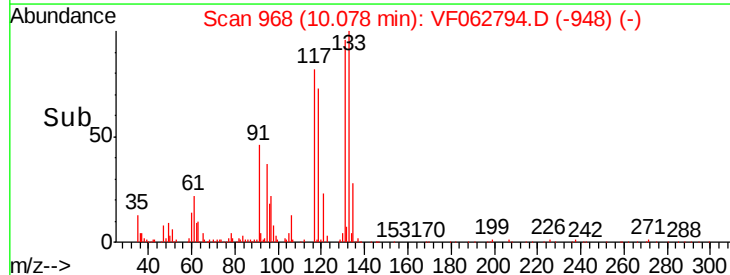
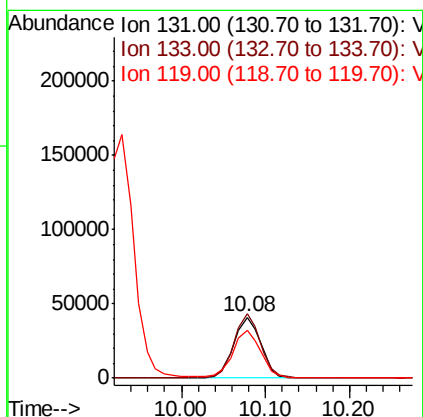
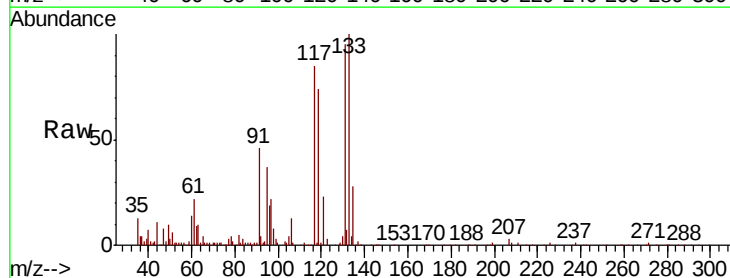
Instrument :
MSVOA_F
ClientSampleId :

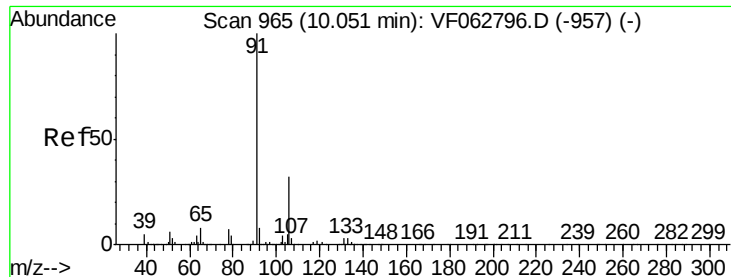
Tot Ion:112 Resp: 237354
Ion Ratio Lower Upper
112 100
114 31.0 27.4 41.0



#66
1,1,1,2-Tetrachloroethane
Concen: 10.270 ug/l
RT: 10.08 min Scan# 968
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion:131 Resp: 92505
Ion Ratio Lower Upper
131 100
133 104.9 48.9 146.7
119 77.5 38.0 114.0

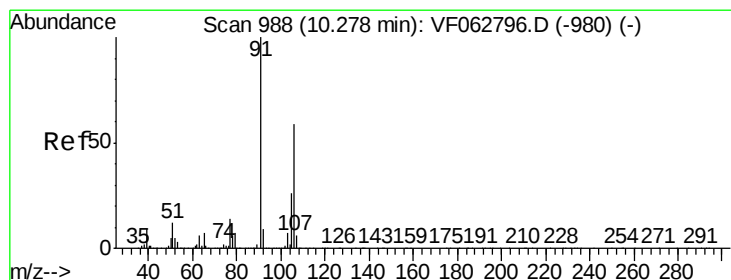
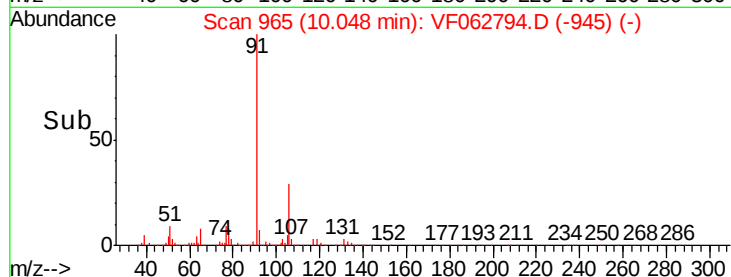
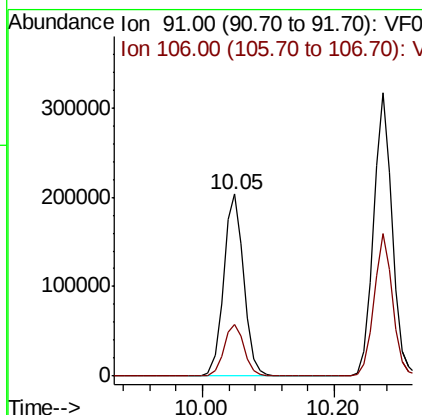
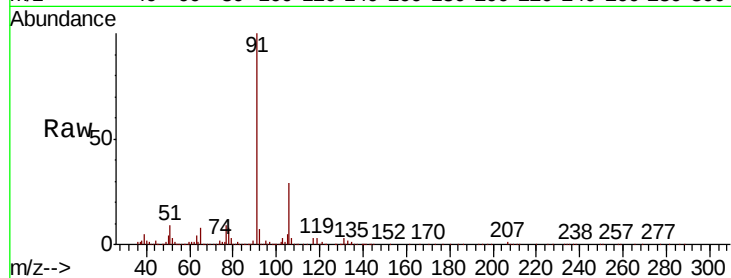




#67
Ethyl Benzene
Concen: 10.826 ug/l
RT: 10.05 min Scan# 965
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

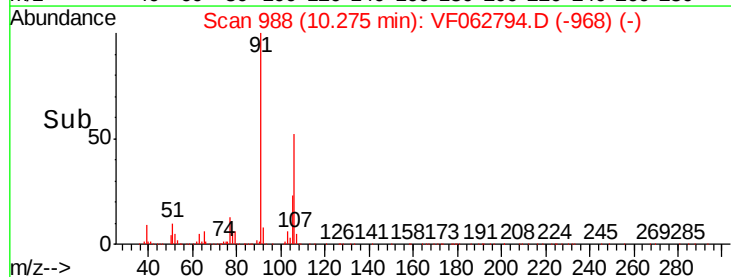
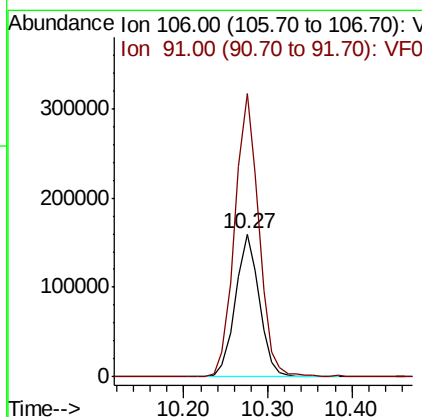
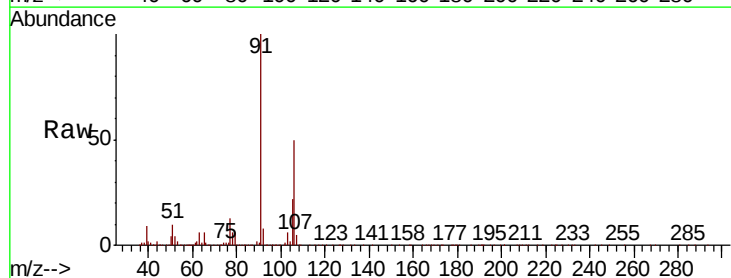
Instrument :
MSVOA_F
ClientSampleId :

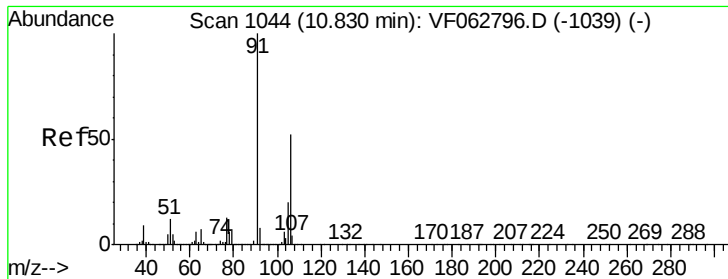
Tot Ion: 91 Resp: 435109
Ion Ratio Lower Upper
91 100
106 28.8 26.0 39.0



#68
m/p-Xylenes
Concen: 21.170 ug/l
RT: 10.27 min Scan# 988
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion:106 Resp: 317454
Ion Ratio Lower Upper
106 100
91 198.2 136.2 204.4

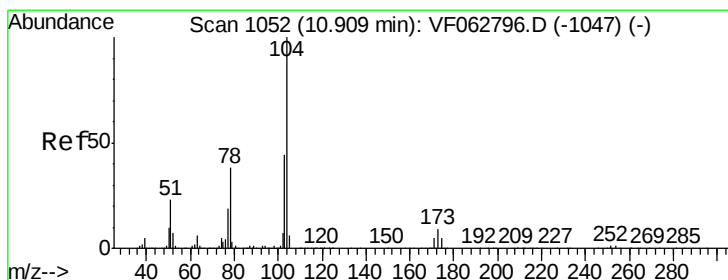
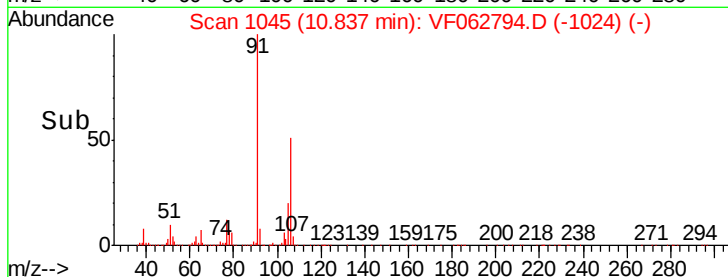
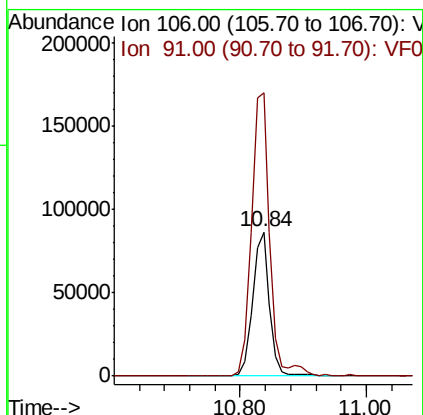
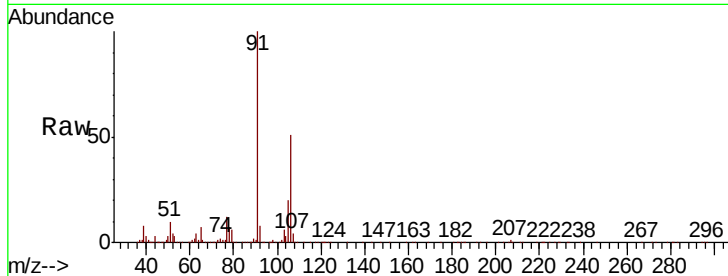




#69
o-Xylene
Concen: 10.691 ug/l
RT: 10.84 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

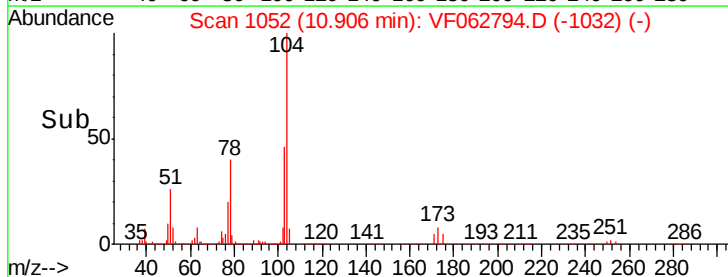
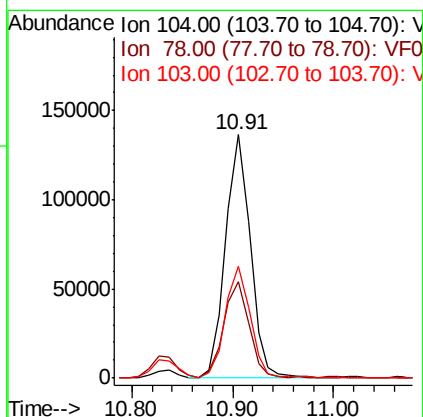
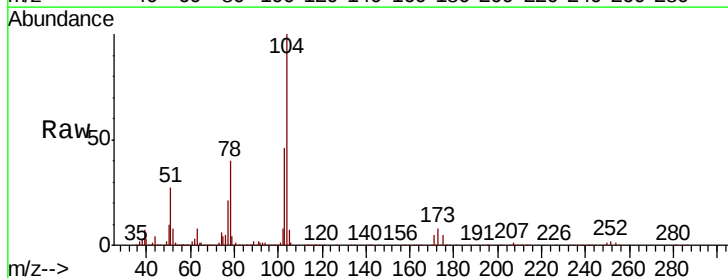
Instrument :
MSVOA_F
ClientSampleId :

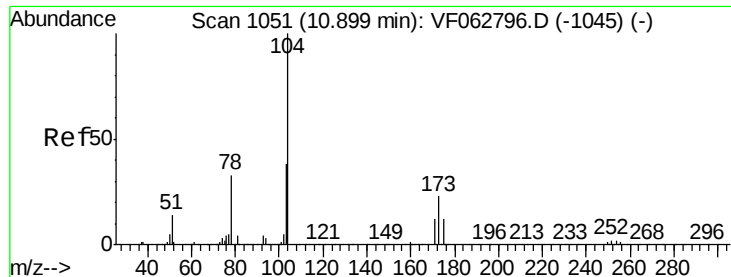
Tot Ion:106 Resp: 162506
Ion Ratio Lower Upper
106 100
91 196.1 96.6 289.8



#70
Styrene
Concen: 10.441 ug/l
RT: 10.91 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion:104 Resp: 233342
Ion Ratio Lower Upper
104 100
78 39.7 30.8 46.2
103 46.2 35.8 53.6





#71

Bromoform

Concen: 9.994 ug/l

RT: 10.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :

MSVOA_F

ClientSampleId :

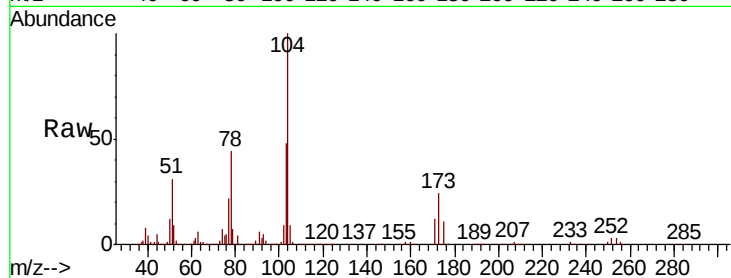
Tot Ion:173 Resp: 43766

Ion Ratio Lower Upper

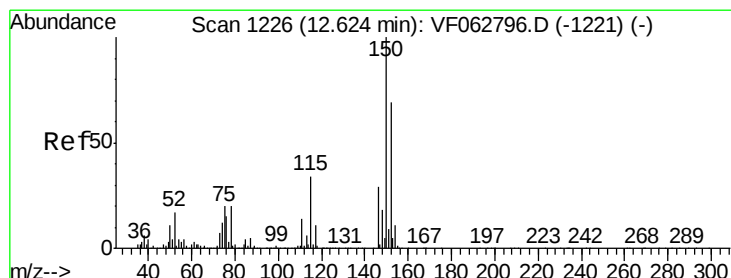
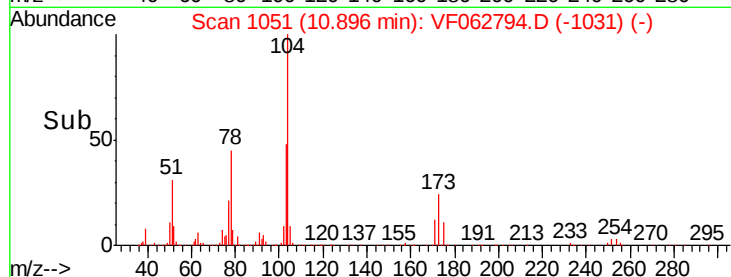
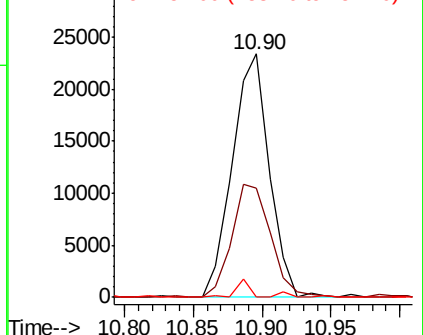
173 100

175 44.6 24.6 74.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

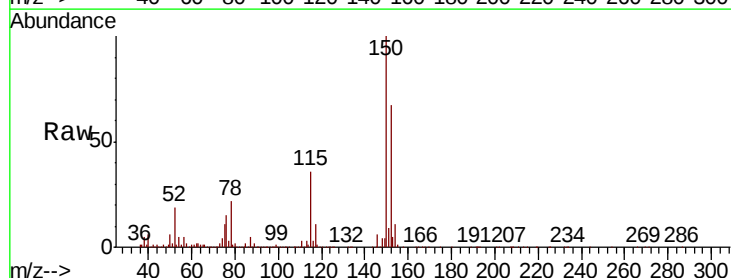
Tgt Ion:152 Resp: 530471

Ion Ratio Lower Upper

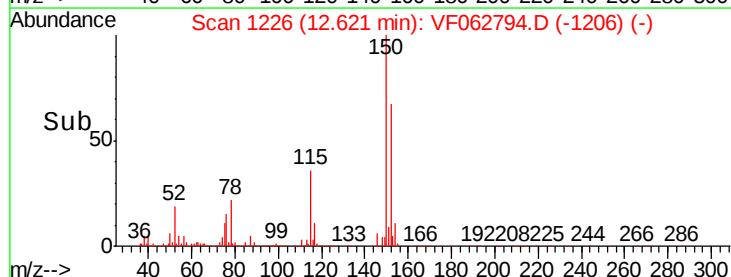
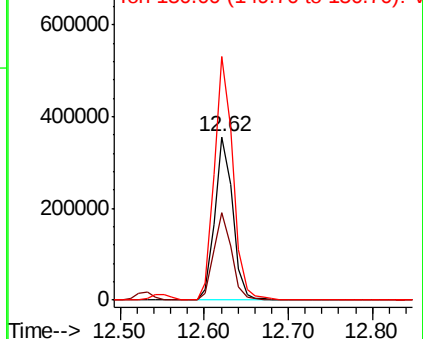
152 100

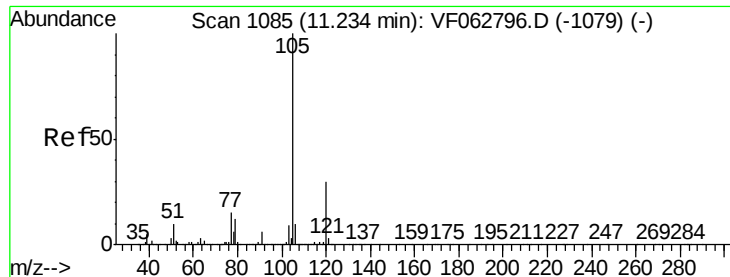
115 53.2 24.6 74.0

150 148.9 0.0 290.6



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





#73

Isopropylbenzene

Concen: 10.474 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :

MSVOA_F

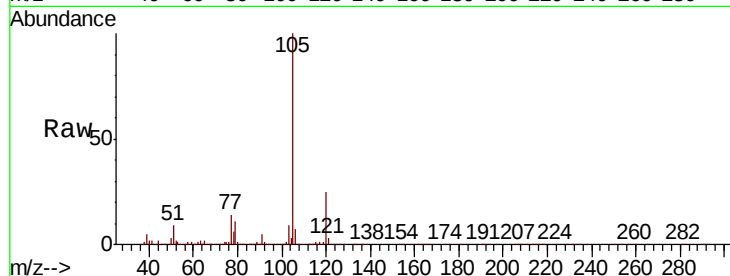
ClientSampleId :

Tot Ion:105 Resp: 420344

Ion Ratio Lower Upper

105 100

120 24.6 15.1 45.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.23

250000

200000

150000

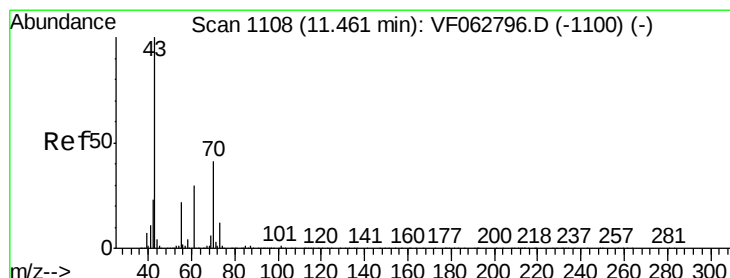
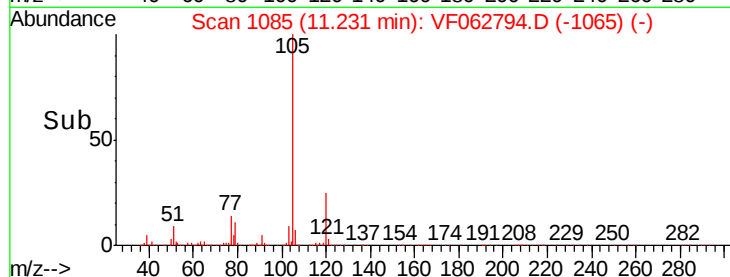
100000

50000

0

Time-->

11.10 11.20 11.30



#74

N-ethyl acetate

Concen: 11.071 ug/l

RT: 11.46 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Tgt Ion: 43 Resp: 126039

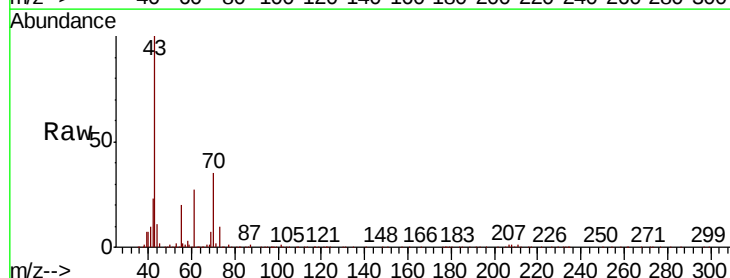
Ion Ratio Lower Upper

43 100

70 35.3 32.9 49.3

55 20.3 17.3 25.9

61 26.9 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

120000

100000

80000

60000

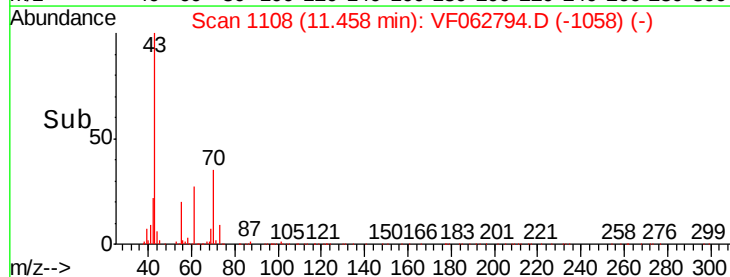
40000

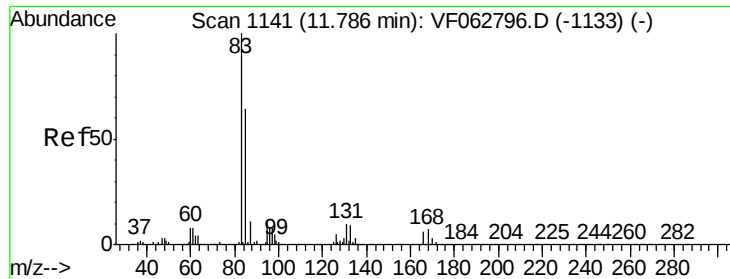
20000

0

Time-->

11.40 11.50





#75

1,1,2,2-Tetrachloroethane

Concen: 10.148 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VF062794.D

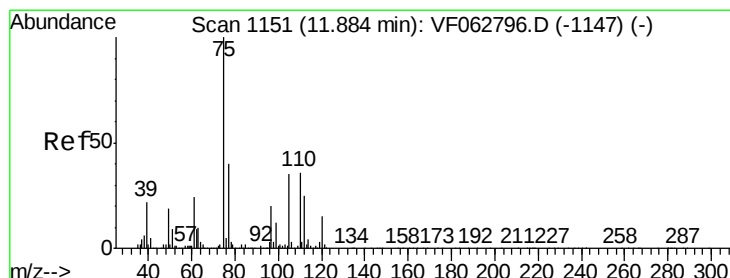
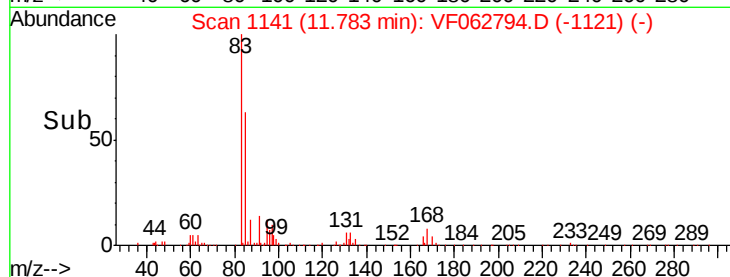
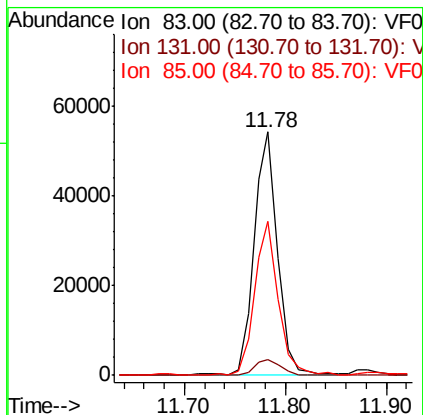
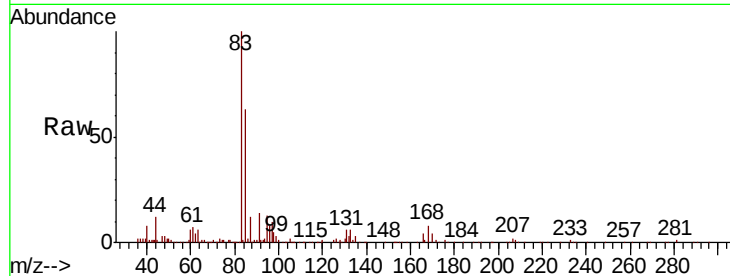
Acq: 30 May 2019 14:35

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	83	Resp:	88000
Ion	Ratio	Lower	Upper
83	100		
131	6.4	4.9	14.7
85	63.4	32.1	96.5



#76

1,2,3-Trichloropropane

Concen: 10.084 ug/l

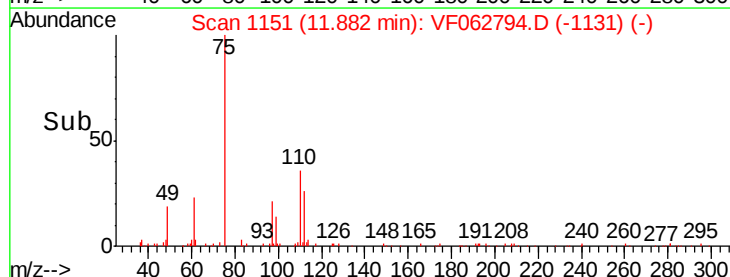
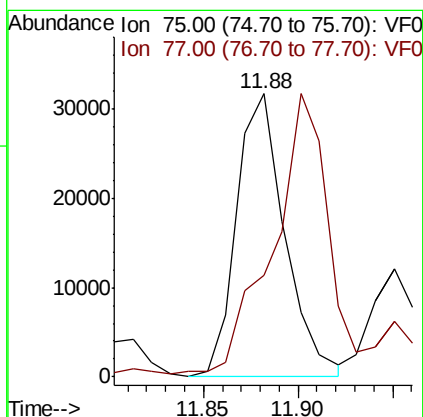
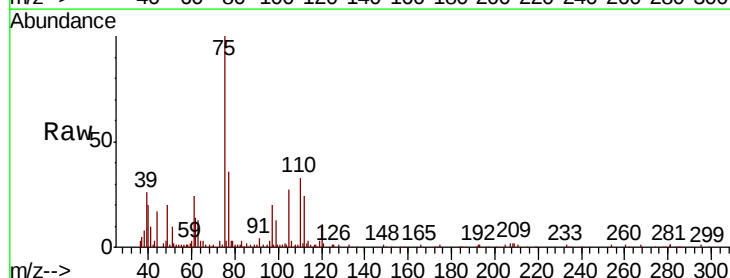
RT: 11.88 min Scan# 1151

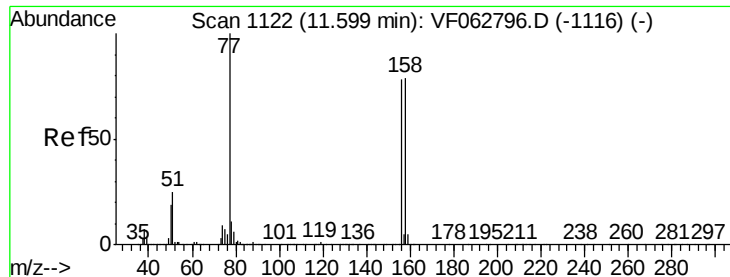
Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Tgt Ion:	75	Resp:	56242
Ion	Ratio	Lower	Upper
75	100		
77	35.7	20.1	60.2





#77

Bromobenzene

Concen: 10.340 ug/l

RT: 11.60 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :

MSVOA_F

ClientSampleId :

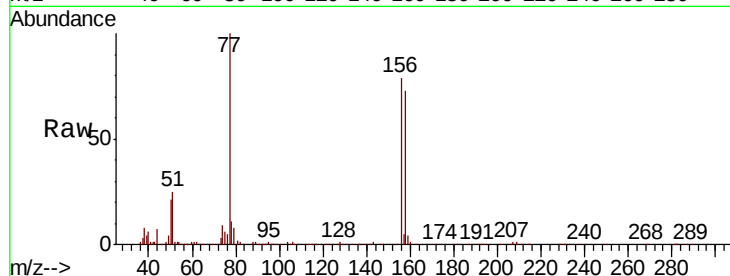
Tot Ion:156 Resp: 101624

Ion Ratio Lower Upper

156 100

77 127.0 64.2 192.6

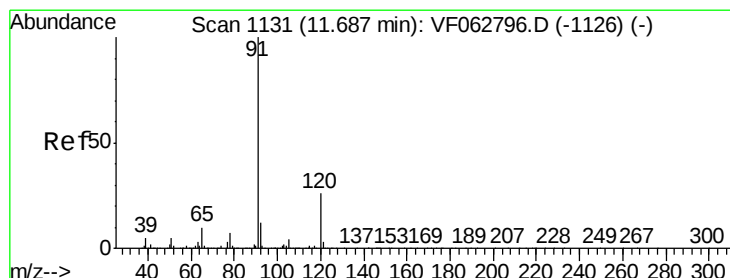
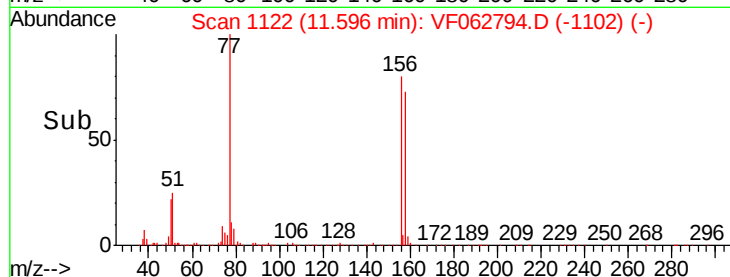
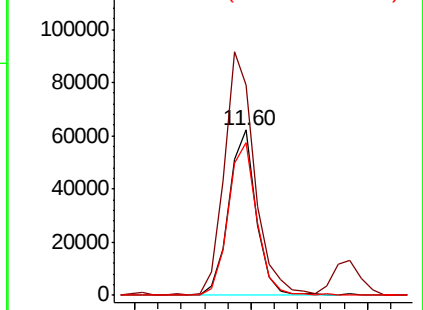
158 92.1 50.3 151.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 10.748 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VF062794.D

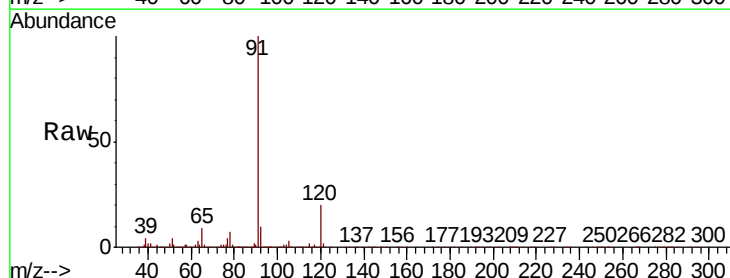
Acq: 30 May 2019 14:35

Tgt Ion: 91 Resp: 535315

Ion Ratio Lower Upper

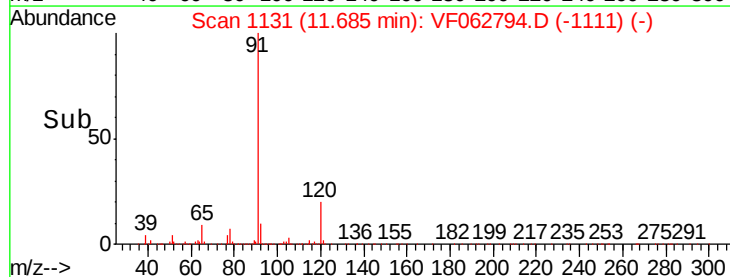
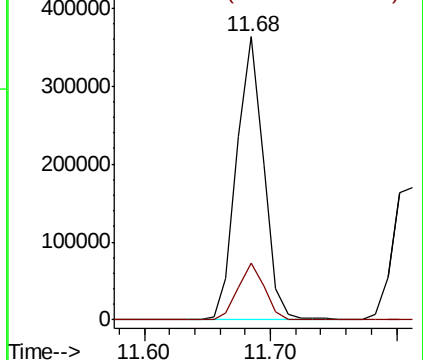
91 100

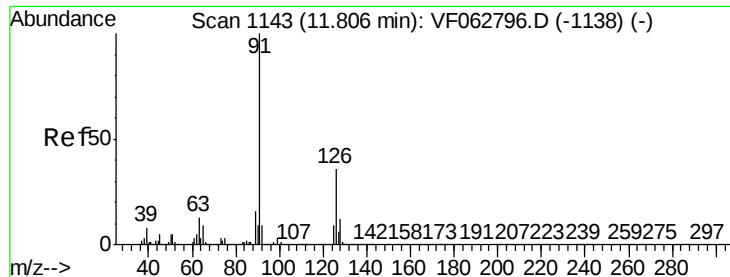
120 20.1 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.338 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :

MSVOA_F

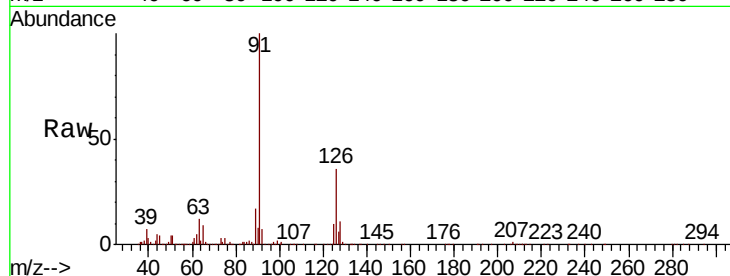
ClientSampleId :

Tot Ion: 91 Resp: 282044

Ion Ratio Lower Upper

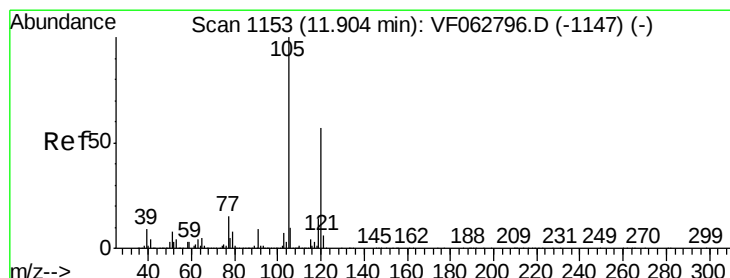
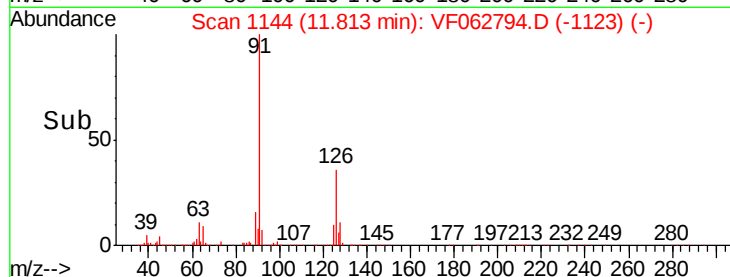
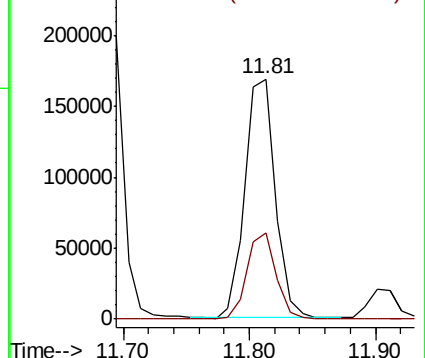
91 100

126 35.7 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 10.465 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VF062794.D

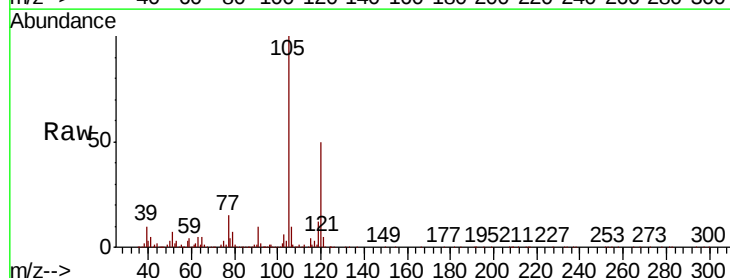
Acq: 30 May 2019 14:35

Tgt Ion:105 Resp: 342382

Ion Ratio Lower Upper

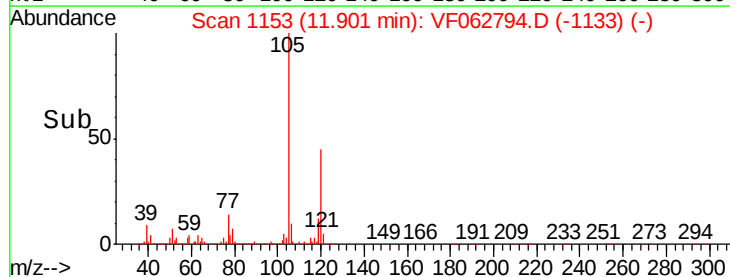
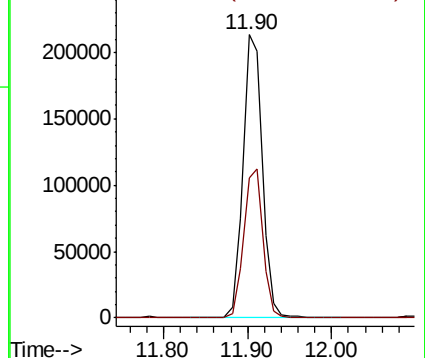
105 100

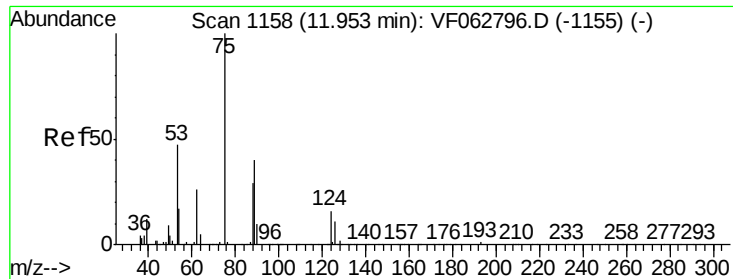
120 49.5 28.7 86.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 9.817 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :

MSVOA_F

ClientSampleId :

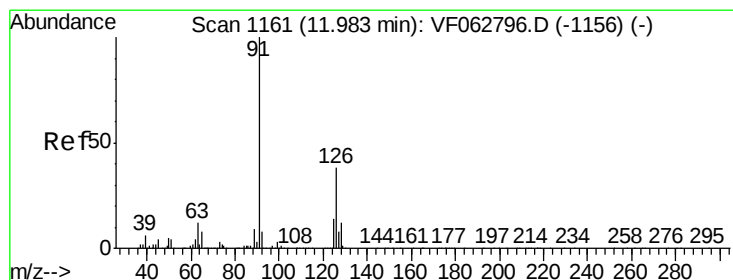
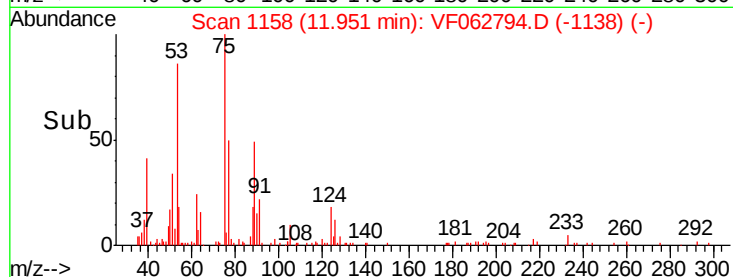
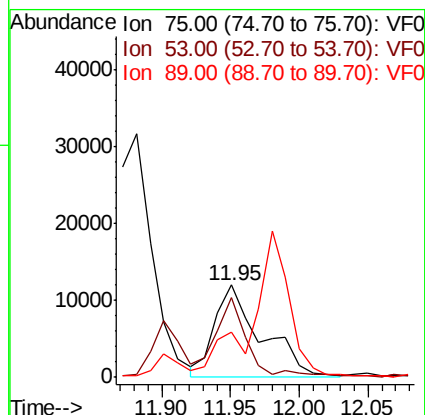
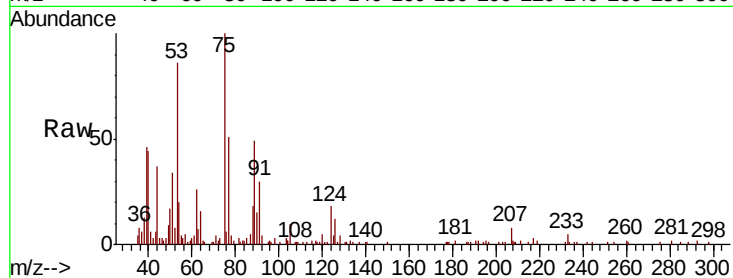
Tot Ion: 75 Resp: 28593

Ion Ratio Lower Upper

75 100

53 85.7 43.5 65.3#

89 49.1 34.3 51.5



#82

4-Chlorotoluene

Concen: 10.324 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VF062794.D

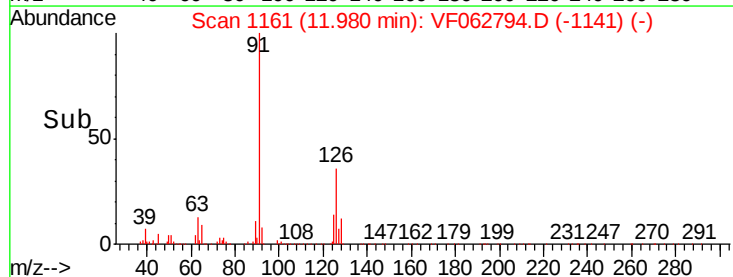
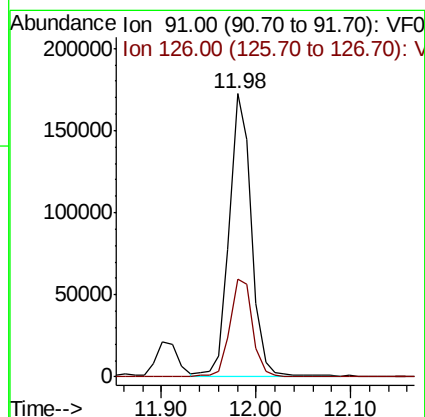
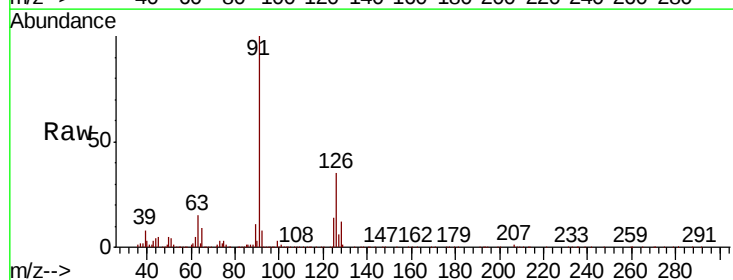
Acq: 30 May 2019 14:35

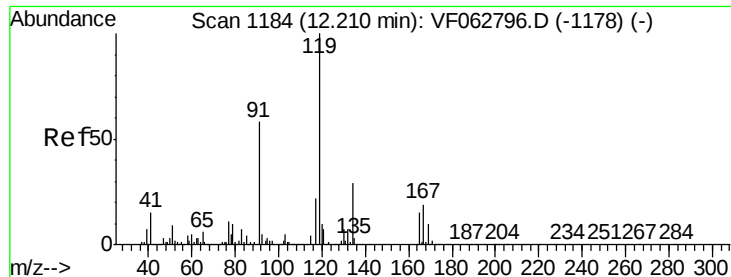
Tgt Ion: 91 Resp: 279140

Ion Ratio Lower Upper

91 100

126 34.8 19.1 57.1





#83

tert-Butylbenzene

Concen: 10.403 ug/l

RT: 12.21 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :

MSVOA_F

ClientSampleId :

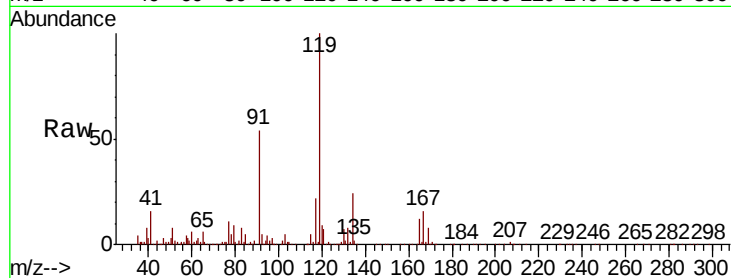
Tot Ion:119 Resp: 330594

Ion Ratio Lower Upper

119 100

91 53.5 28.9 86.7

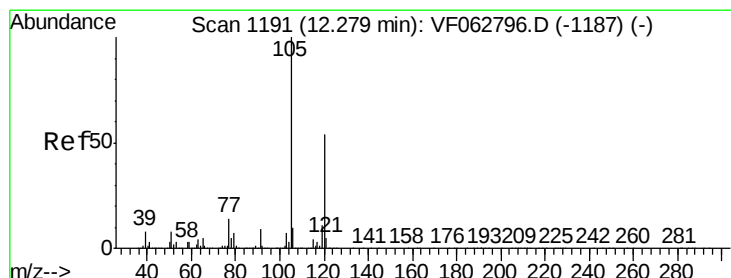
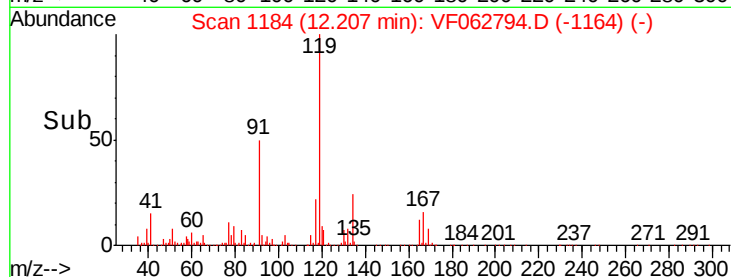
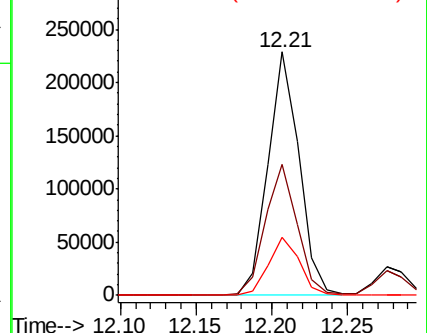
134 24.0 14.3 42.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 10.844 ug/l

RT: 12.28 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VF062794.D

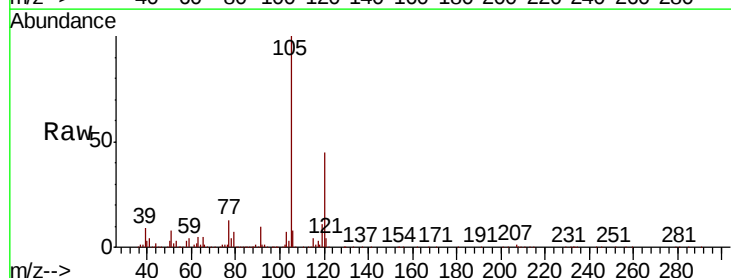
Acq: 30 May 2019 14:35

Tgt Ion:105 Resp: 338646

Ion Ratio Lower Upper

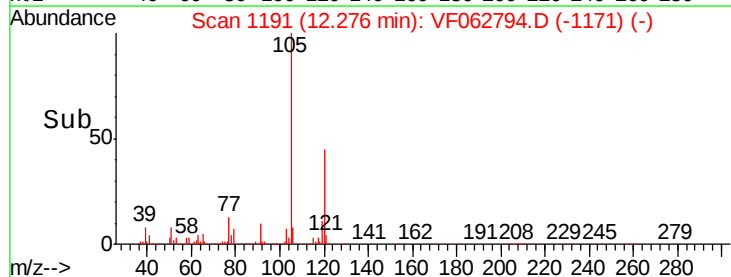
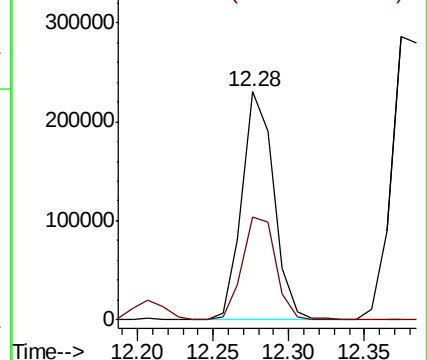
105 100

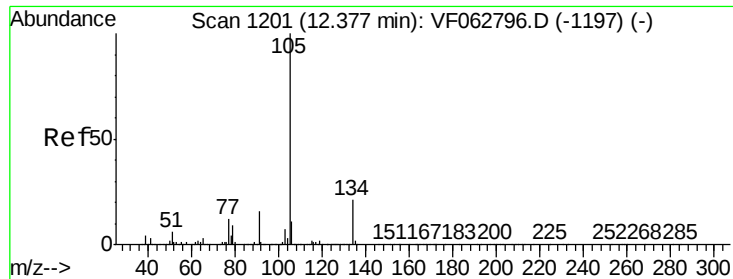
120 44.9 27.1 81.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

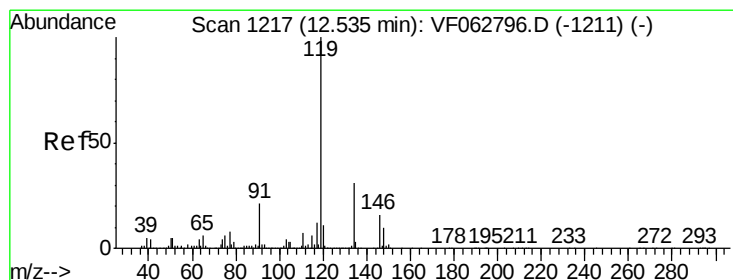
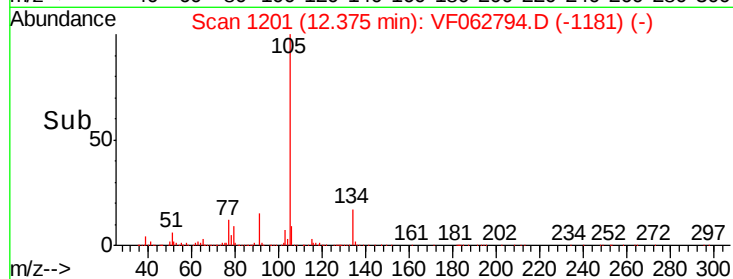
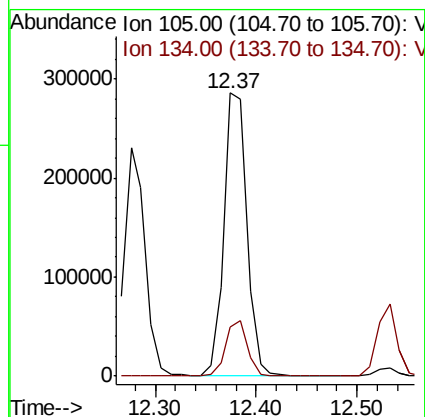
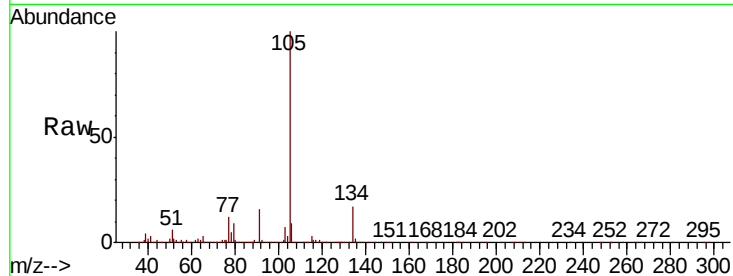




#85
 sec-Butylbenzene
 Concen: 10.460 ug/l
 RT: 12.37 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VF062794.D
 Acq: 30 May 2019 14:35

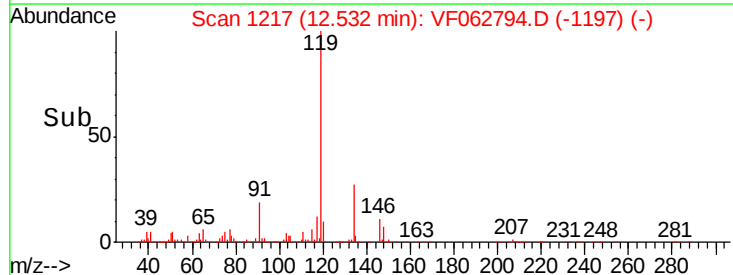
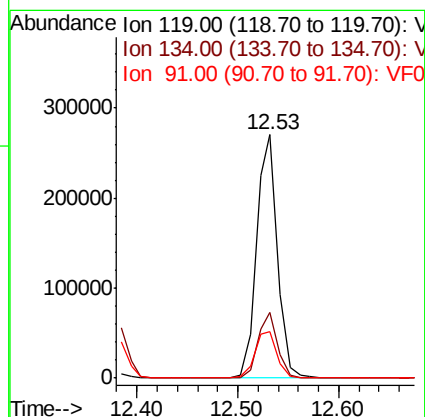
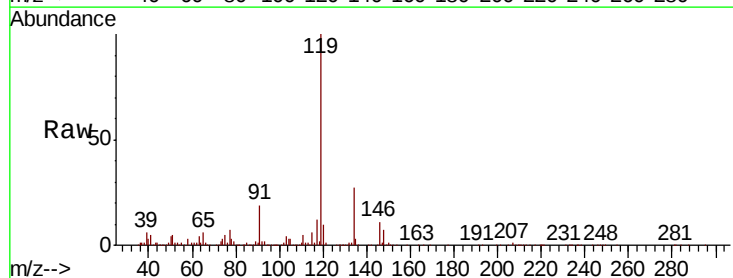
Instrument :
 MSVOA_F
 ClientSampleId :

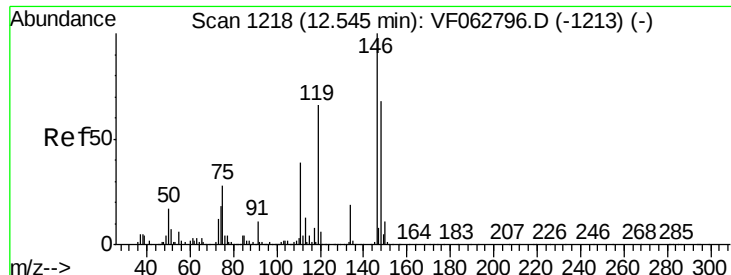
Tot Ion:105 Resp: 454190
 Ion Ratio Lower Upper
 105 100
 134 17.4 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 10.931 ug/l
 RT: 12.53 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VF062794.D
 Acq: 30 May 2019 14:35

Tgt Ion:119 Resp: 390486
 Ion Ratio Lower Upper
 119 100
 134 27.0 15.5 46.5
 91 19.0 10.3 30.9

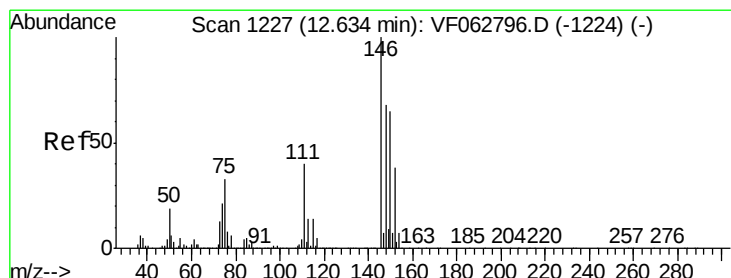
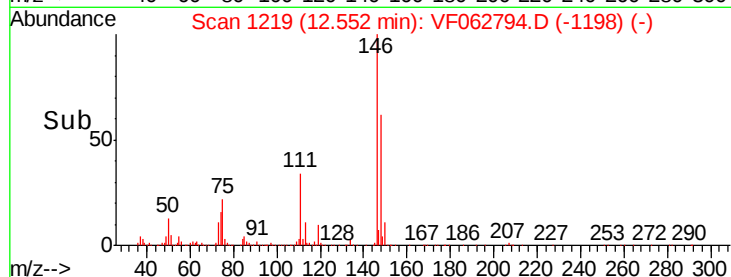
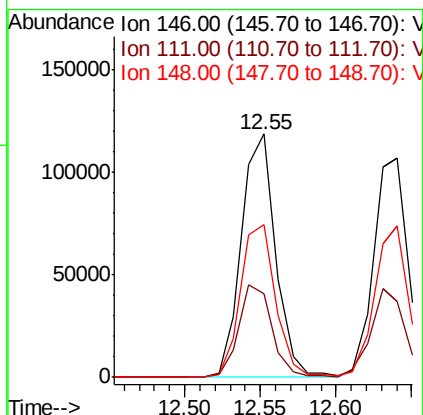
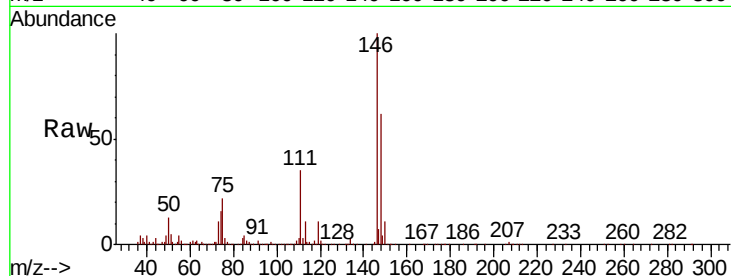




#87
 1,3-Dichlorobenzene
 Concen: 10.645 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: VF062794.D
 Acq: 30 May 2019 14:35

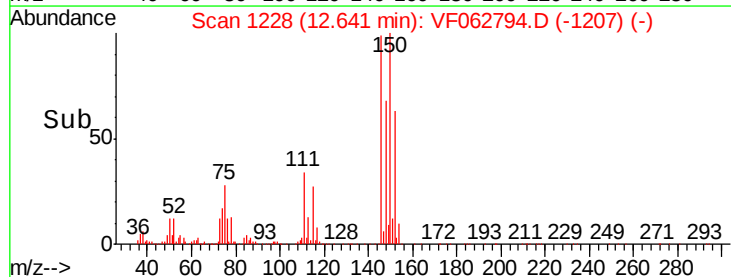
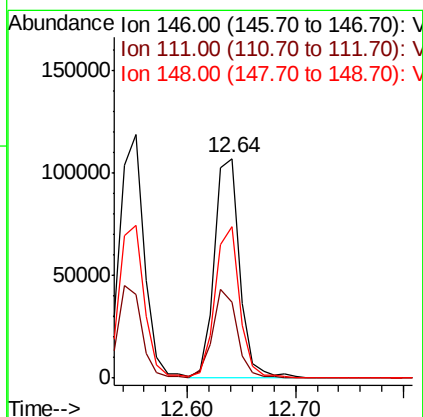
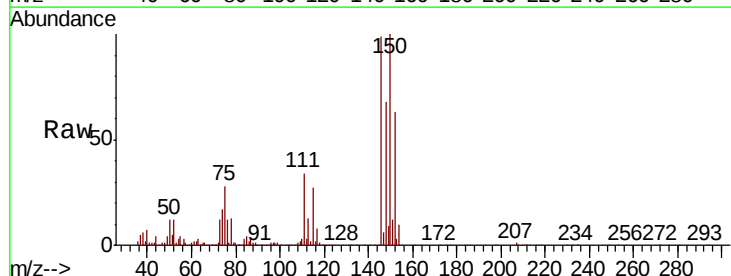
Instrument :
 MSVOA_F
 ClientSampleId :

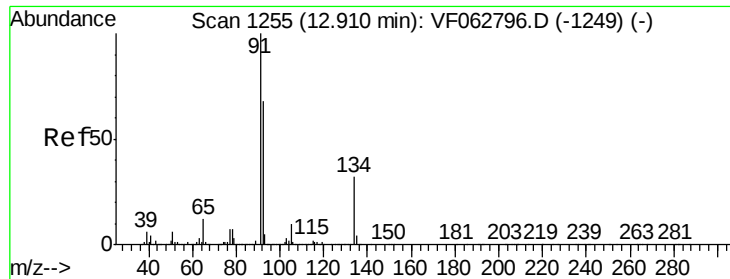
Tot Ion	Ratio	Lower	Upper
146	100		
111	34.5	19.6	58.8
148	62.5	34.2	102.5



#88
 1,4-Dichlorobenzene
 Concen: 10.646 ug/l
 RT: 12.64 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VF062794.D
 Acq: 30 May 2019 14:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.7	20.3	60.9
148	69.1	34.0	101.8





#89

n-Butylbenzene

Concen: 11.150 ug/l

RT: 12.91 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Instrument :

MSVOA_F

ClientSampleId :

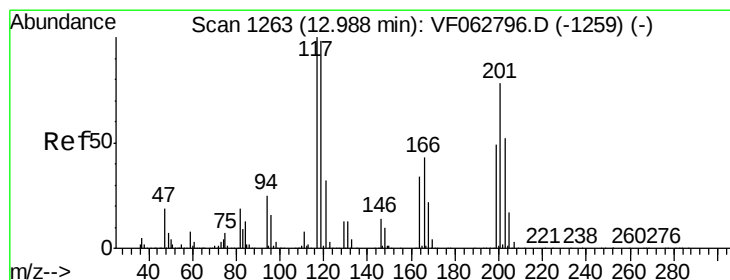
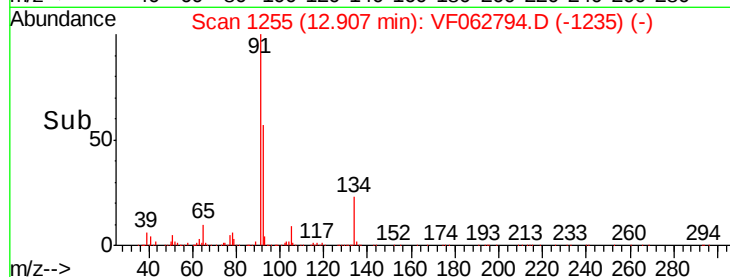
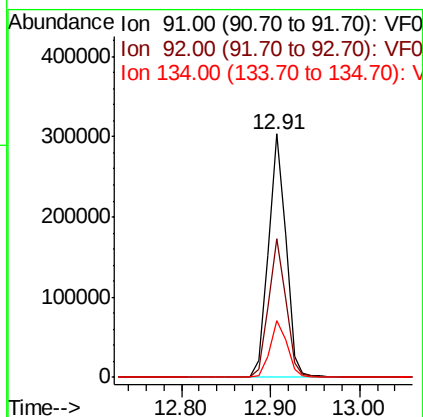
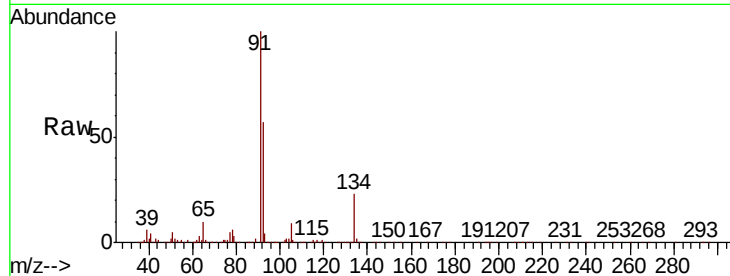
Tot Ion: 91 Resp: 410591

Ion Ratio Lower Upper

91 100

92 57.2 34.2 102.6

134 23.3 15.8 47.3



#90

Hexachloroethane

Concen: 10.413 ug/l

RT: 12.99 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VF062794.D

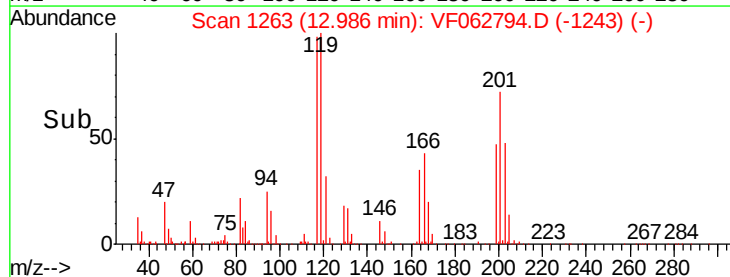
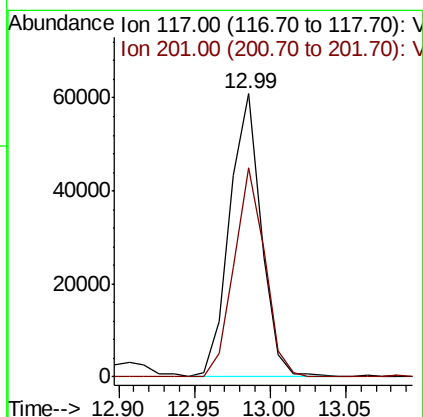
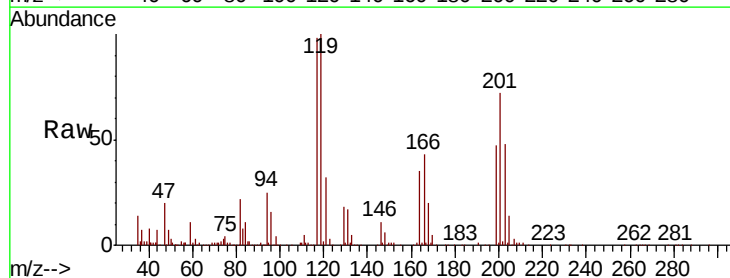
Acq: 30 May 2019 14:35

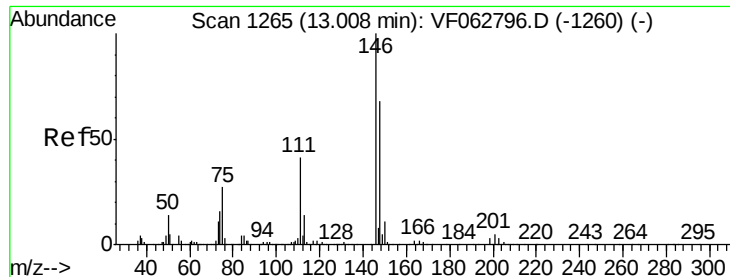
Tgt Ion: 117 Resp: 88324

Ion Ratio Lower Upper

117 100

201 73.7 38.9 116.7





#91

1,2-Dichlorobenzene

Concen: 10.876 ug/l

RT: 13.01 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VF062794.D

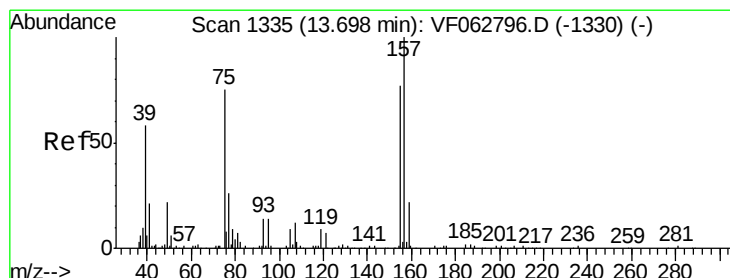
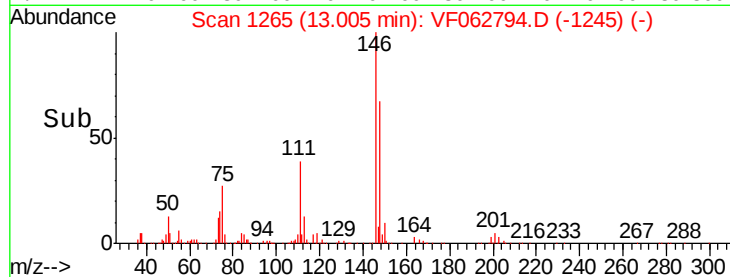
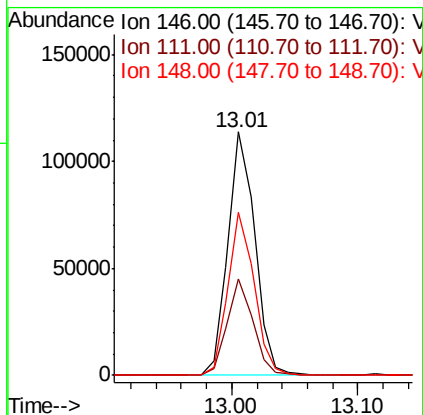
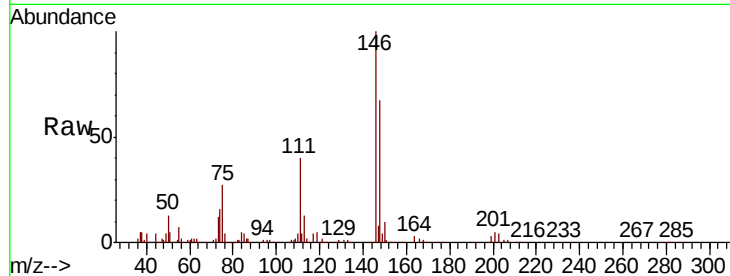
Acq: 30 May 2019 14:35

Instrument :

MSVOA_F

ClientSampled :

Tot Ion:	146	Resp:	168508
Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.4	61.3
148	66.8	34.1	102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.439 ug/l

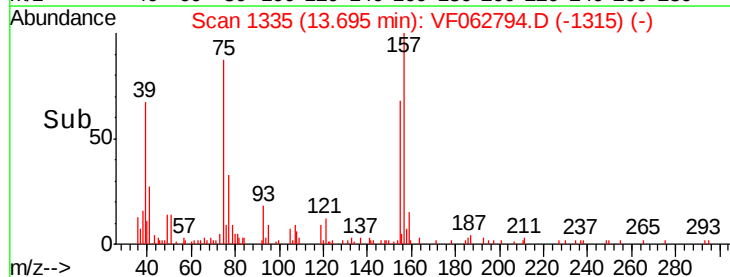
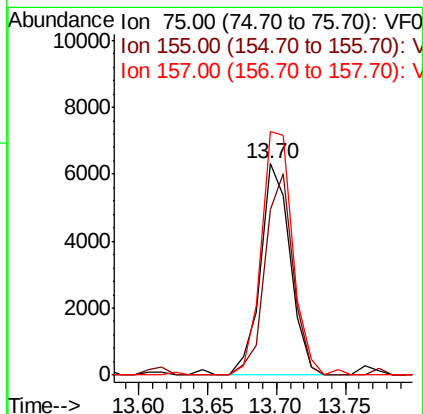
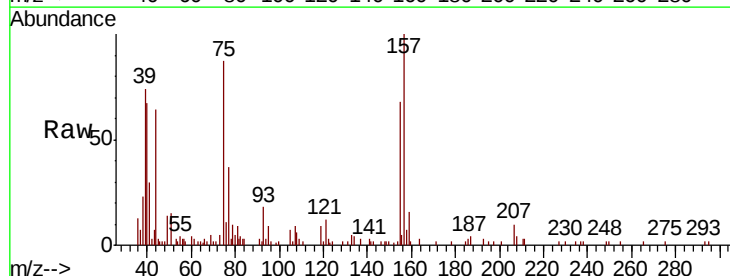
RT: 13.70 min Scan# 1335

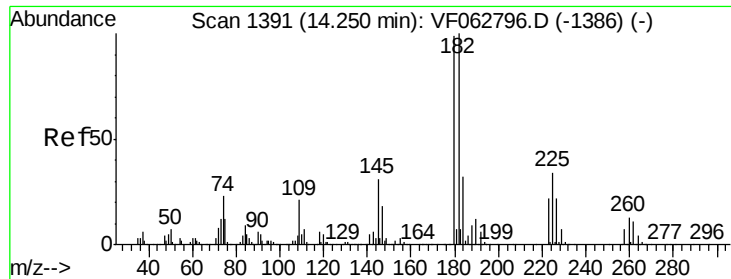
Delta R.T. -0.00 min

Lab File: VF062794.D

Acq: 30 May 2019 14:35

Tgt Ion:	75	Resp:	9636
Ion	Ratio	Lower	Upper
75	100		
155	84.1	51.7	155.1
157	115.1	66.8	200.6

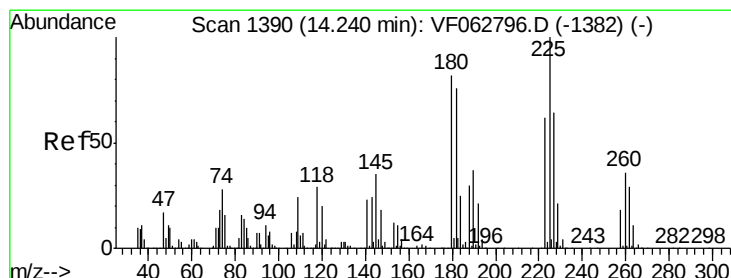
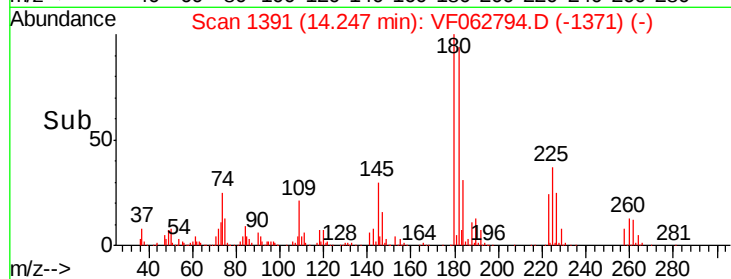
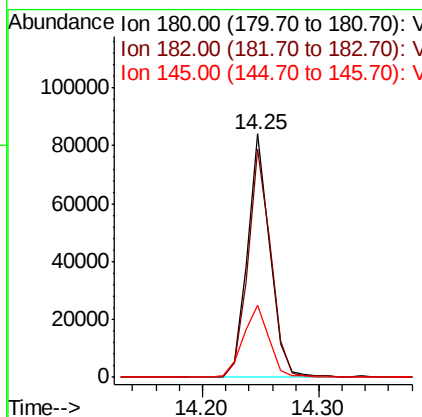
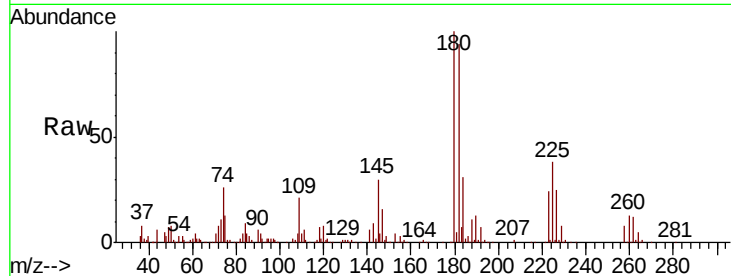




#93
 1,2,4-Trichlorobenzene
 Concen: 10.713 ug/l
 RT: 14.25 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VF062794.D
 Acq: 30 May 2019 14:35

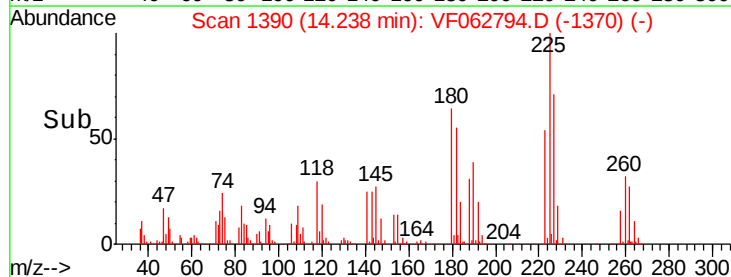
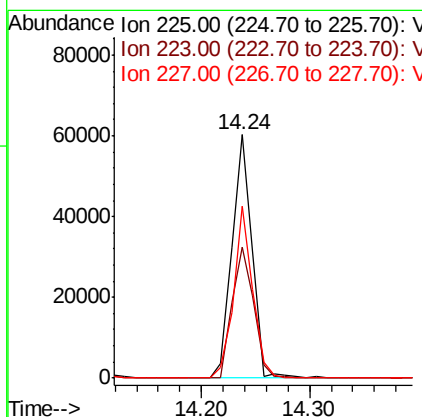
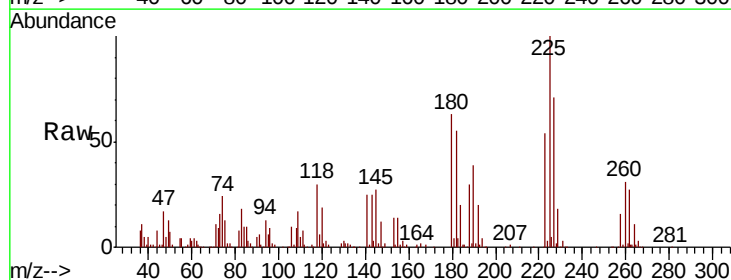
Instrument :
 MSVOA_F
 ClientSampleId :

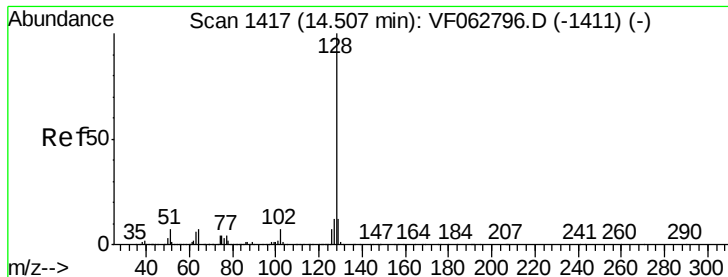
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	50.3	150.9
145	29.8	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 10.716 ug/l
 RT: 14.24 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VF062794.D
 Acq: 30 May 2019 14:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	54.0	30.8	92.4
227	70.7	31.9	95.5

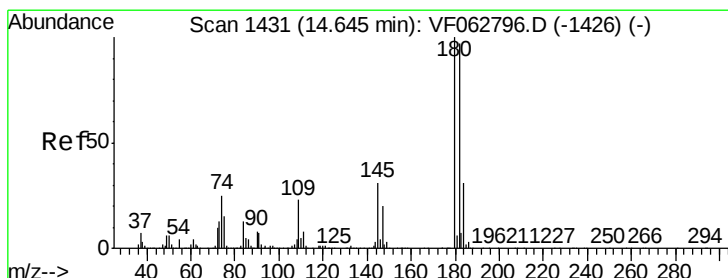
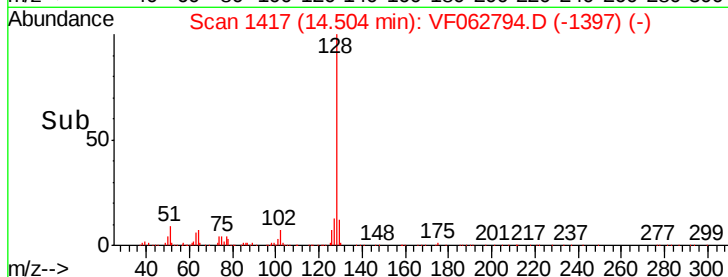
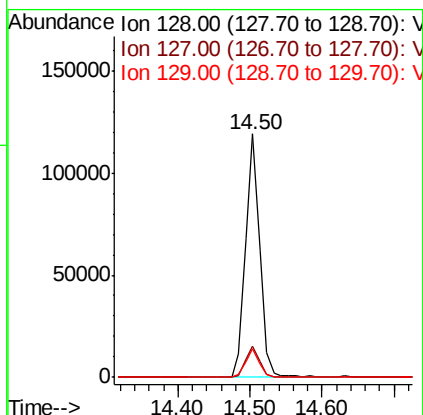
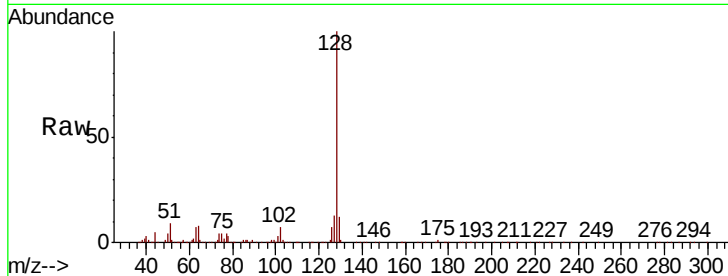




#95
Naphthalene
Concen: 9.956 ug/l
RT: 14.50 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	9.7	14.5
129	11.7	9.4	14.2



#96
1,2,3-Trichlorobenzene
Concen: 10.428 ug/l
RT: 14.65 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VF062794.D
Acq: 30 May 2019 14:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	48.6	145.9
145	27.2	15.7	47.0

