

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF053019\
 Data File : VF062797.D
 Acq On : 30 May 2019 15:59
 Operator : FY/SY
 Sample : VSTDIC075
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Quant Time: May 31 03:54:40 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	5.08	168	925806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1562686	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	1263713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	589671	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	423912	63.45	ug/l	0.00
Spiked Amount			Recovery	=	126.90%	
35) Dibromofluoromethane	4.33	113	756640	62.32	ug/l	0.00
Spiked Amount			Recovery	=	124.64%	
50) Toluene-d8	7.73	98	1960445	62.22	ug/l	0.00
Spiked Amount			Recovery	=	124.44%	
62) 4-Bromofluorobenzene	11.51	95	761267	70.64	ug/l	0.00
Spiked Amount			Recovery	=	141.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.02	85	729645	54.722	ug/l	96
3) Chloromethane	1.16	50	606352	57.999	ug/l	100
4) Vinyl Chloride	1.21	62	619885	61.545	ug/l	98
5) Bromomethane	1.42	94	371392	62.756	ug/l	100
6) Chloroethane	1.46	64	246783	64.270	ug/l	90
7) Trichlorofluoromethane	1.58	101	916617	64.647	ug/l	92
8) Diethyl Ether	1.72	74	192582	67.299	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	1.93	101	583625	63.418	ug/l	99
10) Methyl Iodide	2.01	142	1177304	65.991	ug/l	96
11) Tert butyl alcohol	2.72	59	131026	319.814	ug/l	95
12) 1,1-Dichloroethene	1.89	96	517132	63.766	ug/l	95
13) Acrolein	2.11	56	56150	355.788	ug/l	96
14) Allyl chloride	2.21	41	382776	64.609	ug/l	93
15) Acrylonitrile	3.11	53	392180	257.619	ug/l	96
16) Acetone	2.36	43	521073	335.329	ug/l	96
17) Carbon Disulfide	1.94	76	1524616m	85.774	ug/l	
18) Methyl Acetate	2.48	43	161235	53.393	ug/l	99
19) Methyl tert-butyl Ether	2.57	73	977596	66.366	ug/l	100
20) Methylene Chloride	2.36	84	511538m	55.909	ug/l	
21) trans-1,2-Dichloroethene	2.44	96	552322	65.317	ug/l	99
22) Diisopropyl ether	2.96	45	1165899	66.970	ug/l	96
23) Vinyl Acetate	3.37	43	3888993	303.422	ug/l	98
24) 1,1-Dichloroethane	3.03	63	843930	63.944	ug/l	99
25) 2-Butanone	4.55	43	1129481	305.988	ug/l	99
26) 2,2-Dichloropropane	3.80	77	504945	64.717	ug/l	99
27) cis-1,2-Dichloroethene	3.67	96	910144	66.658	ug/l	94
28) Bromochloromethane	3.93	49	448549	59.865	ug/l	99
29) Tetrahydrofuran	4.29	42	443382	325.125	ug/l	97
30) Chloroform	4.08	83	1203515	62.351	ug/l	99
31) Cyclohexane	3.90	56	1204927m	65.683	ug/l	
32) 1,1,1-Trichloroethane	4.32	97	813173	76.191	ug/l	97
36) 1,1-Dichloropropene	4.50	75	995419	65.338	ug/l	96
37) Ethyl Acetate	4.32	43	377006	61.404	ug/l #	82
38) Carbon Tetrachloride	4.20	117	728879	71.488	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.66	83	1303582	70.181	ug/l	97
40) Benzene	4.84	78	2842427	63.239	ug/l	98
41) Methacrylonitrile	4.96	41	206641	61.967	ug/l	94
42) 1,2-Dichloroethane	5.15	62	573957	68.708	ug/l	96
43) Isopropyl Acetate	7.13	43	533319	70.084	ug/l #	100
44) Trichloroethene	5.71	130	823370	65.387	ug/l	97
45) 1,2-Dichloropropane	6.43	63	738879	66.763	ug/l	95
46) Dibromomethane	6.28	93	503036	78.189	ug/l	94
47) Bromodichloromethane	6.58	83	1001639	76.422	ug/l	98
48) Methyl methacrylate	6.91	41	285231	73.529	ug/l	93
49) 1,4-Dioxane	6.90	88	73901	1579.525	ug/l #	92
51) 4-Methyl-2-Pentanone	8.42	43	1731244	295.777	ug/l	97
52) Toluene	7.80	92	1594278	67.771	ug/l	94
53) t-1,3-Dichloropropene	8.44	75	756212	69.698	ug/l	99
54) cis-1,3-Dichloropropene	7.48	75	1083739	69.011	ug/l	100
55) 1,1,2-Trichloroethane	8.66	97	492715	68.421	ug/l	98
56) Ethyl methacrylate	8.78	69	545129	73.795	ug/l	99
57) 1,3-Dichloropropane	9.01	76	800571	68.330	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.47	63	885894	338.631	ug/l	97
59) 2-Hexanone	9.65	43	1284037	313.540	ug/l	95
60) Dibromochloromethane	8.88	129	636378	73.259	ug/l	99
61) 1,2-Dibromoethane	9.15	107	522862	73.521	ug/l	99
64) Tetrachloroethene	8.32	164	641198	60.810	ug/l	93
65) Chlorobenzene	9.95	112	1671144	65.215	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.08	131	673285	67.262	ug/l	99
67) Ethyl Benzene	10.05	91	2837649	63.531	ug/l	96
68) m/p-Xylenes	10.28	106	2205089	132.323	ug/l	95
69) o-Xylene	10.84	106	1176622	69.655	ug/l	93
70) Styrene	10.91	104	1733851	69.809	ug/l	99
71) Bromoform	10.90	173	361296	74.237	ug/l	98
73) Isopropylbenzene	11.23	105	2783846	62.404	ug/l	97
74) N-amyl acetate	11.46	43	807420	63.799	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.78	83	605329	62.798	ug/l	97
76) 1,2,3-Trichloropropane	11.88	75	402085	64.856	ug/l	94
77) Bromobenzene	11.60	156	759718	69.538	ug/l	96
78) n-propylbenzene	11.69	91	3347417	60.463	ug/l	96
79) 2-Chlorotoluene	11.81	91	1984264	65.431	ug/l	91
80) 1,3,5-Trimethylbenzene	11.91	105	2239666	61.583	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.95	75	189773m	58.615	ug/l	
82) 4-Chlorotoluene	11.98	91	1949224	64.855	ug/l	100
83) tert-Butylbenzene	12.21	119	2287368	64.752	ug/l	100
84) 1,2,4-Trimethylbenzene	12.28	105	2095327	60.360	ug/l	97
85) sec-Butylbenzene	12.38	105	2945131	61.014	ug/l	98
86) p-Isopropyltoluene	12.53	119	2411360	60.724	ug/l	97
87) 1,3-Dichlorobenzene	12.55	146	1210348	61.701	ug/l	96
88) 1,4-Dichlorobenzene	12.64	146	1136380	62.136	ug/l	95
89) n-Butylbenzene	12.91	91	2347328	57.345	ug/l	97
90) Hexachloroethane	12.99	117	636446	67.501	ug/l	96
91) 1,2-Dichlorobenzene	13.01	146	1098744	63.794	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.70	75	69100	67.346	ug/l	95

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Quant Title : SW846 8260
QLast Update : Fri May 31 03:15:01 2019
Response via : Initial Calibration

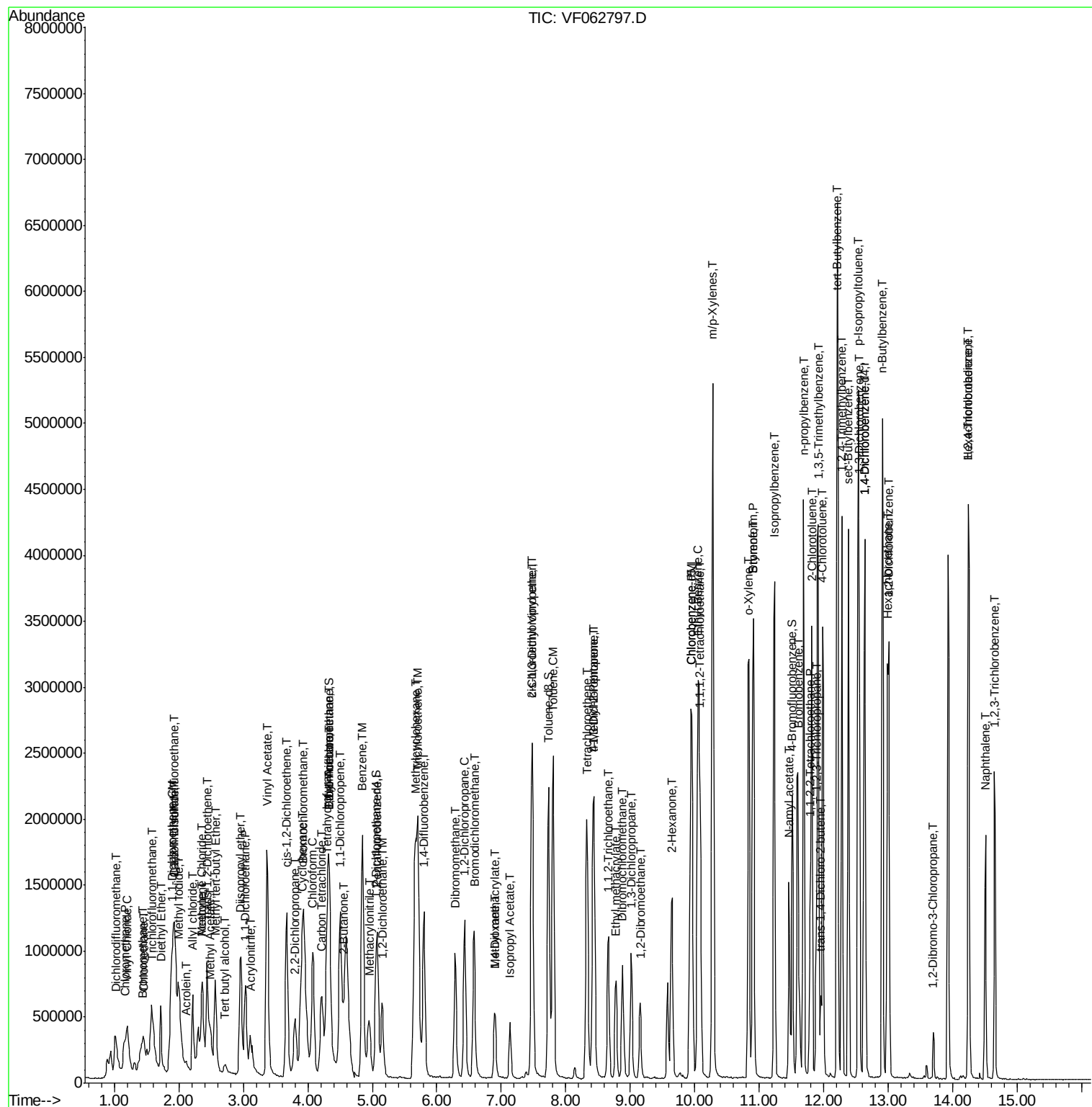
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	727042	62.199	ug/l	99
94) Hexachlorobutadiene	14.24	225	510375	63.547	ug/l	98
95) Naphthalene	14.51	128	1344621	72.426	ug/l	100
96) 1,2,3-Trichlorobenzene	14.65	180	702461	67.887	ug/l	96

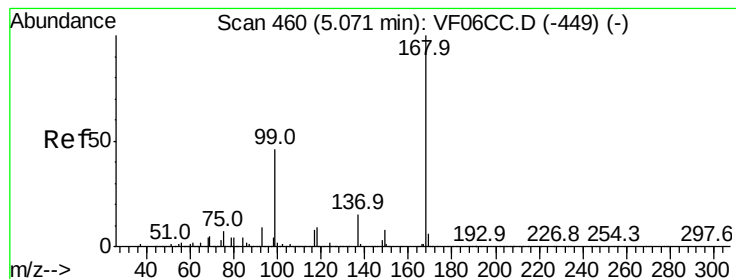
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 31 03:15:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.01 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

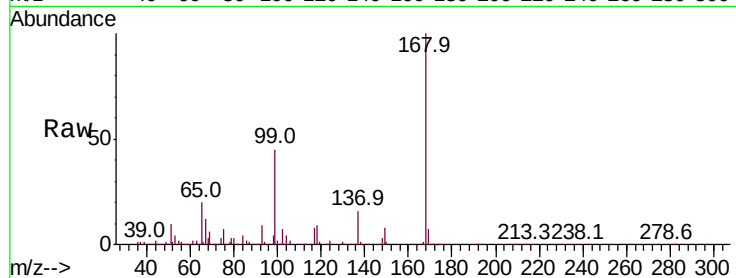
VSTDIC075

Tot Ion:168 Resp: 925806

Ion Ratio Lower Upper

168 100

99 45.1 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

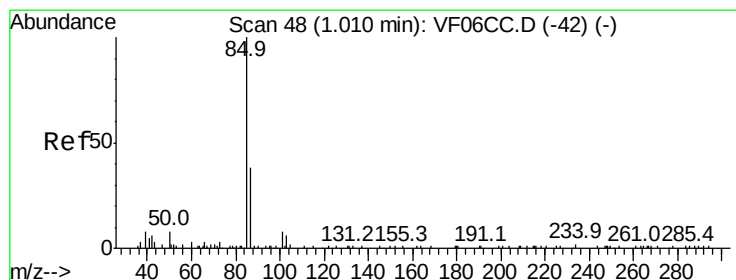
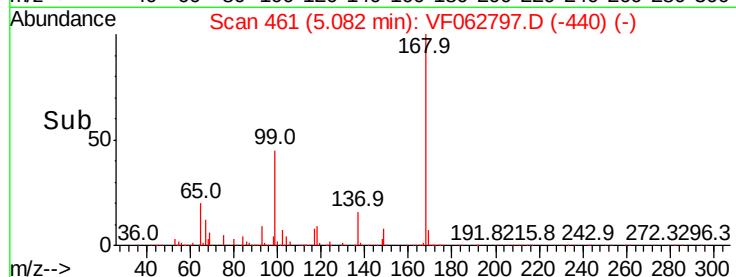
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.722 ug/l

RT: 1.02 min Scan# 49

Delta R.T. 0.01 min

Lab File: VF062797.D

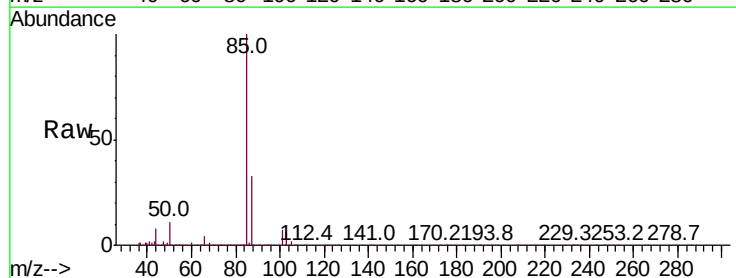
Acq: 30 May 2019 15:59

Tgt Ion: 85 Resp: 729645

Ion Ratio Lower Upper

85 100

87 32.8 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.02

200000

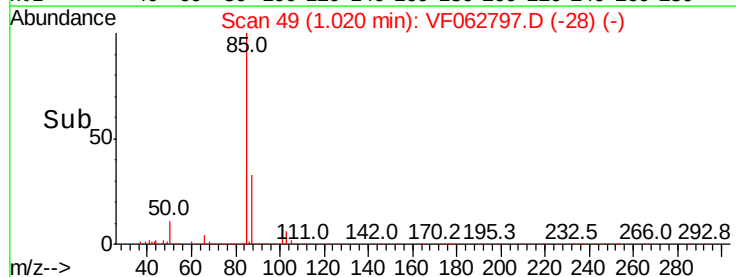
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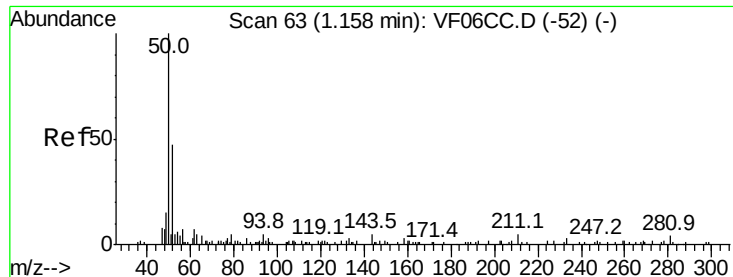
100000

50000

0

Time-->





#3

Chloromethane

Concen: 57.999 ug/l

RT: 1.16 min Scan# 63

Delta R.T. 0.01 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

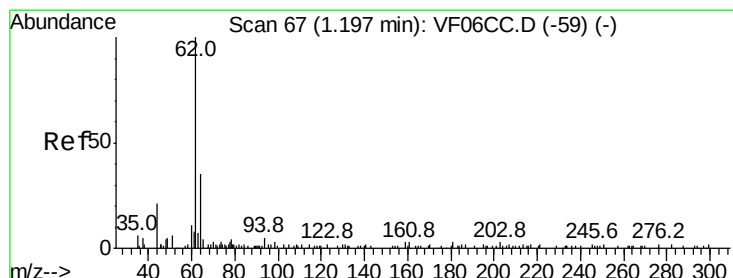
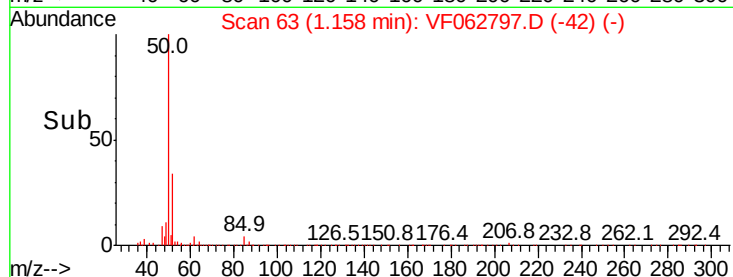
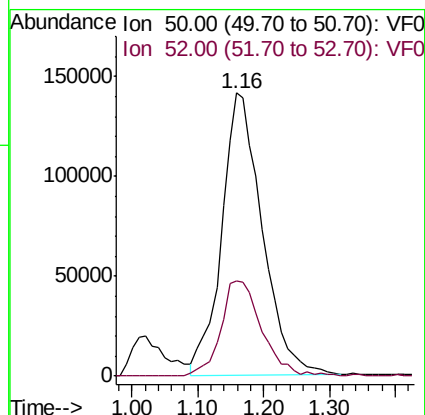
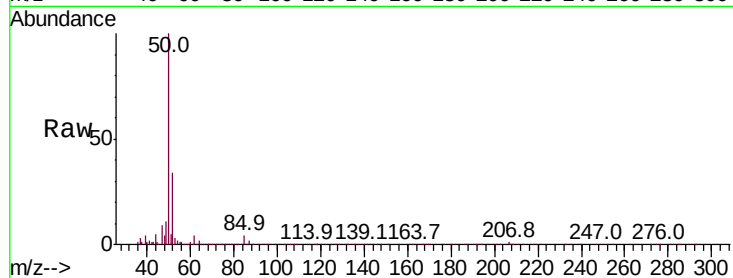
VSTDIC075

Tot Ion: 50 Resp: 606352

Ion Ratio Lower Upper

50 100

52 33.8 27.0 40.4



#4

Vinyl Chloride

Concen: 61.545 ug/l

RT: 1.21 min Scan# 68

Delta R.T. 0.01 min

Lab File: VF062797.D

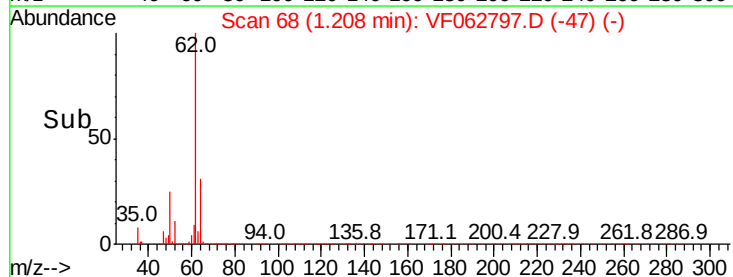
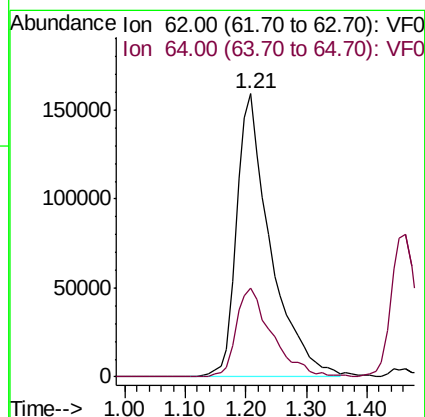
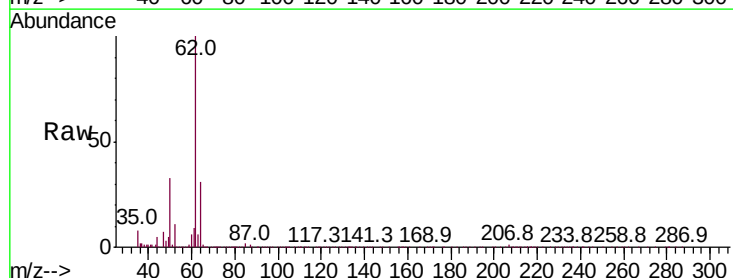
Acq: 30 May 2019 15:59

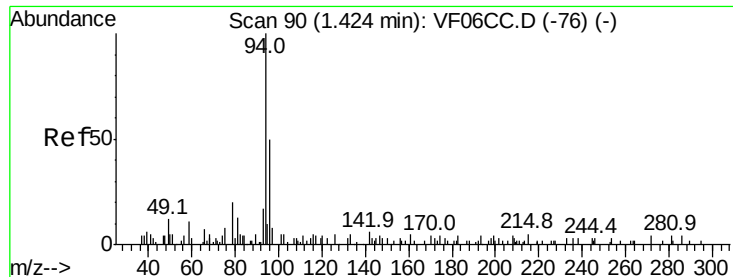
Tgt Ion: 62 Resp: 619885

Ion Ratio Lower Upper

62 100

64 31.5 26.2 39.2





#5

Bromomethane

Concen: 62.756 ug/l

RT: 1.42 min Scan# 90

Delta R.T. 0.02 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

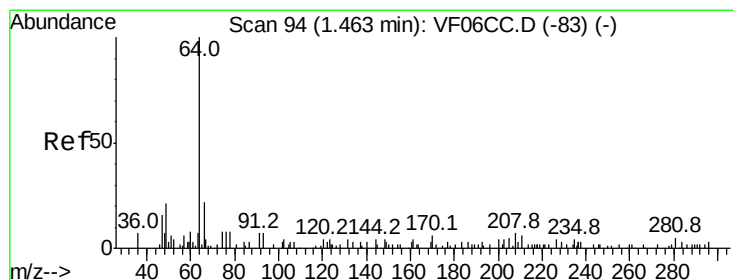
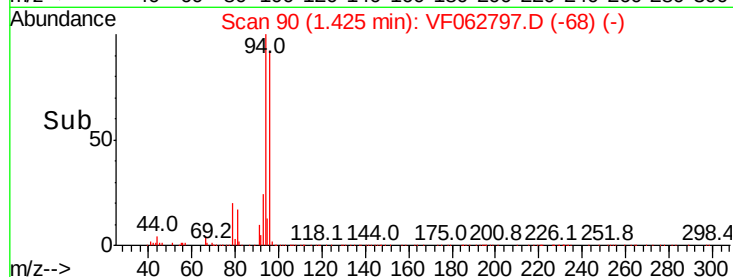
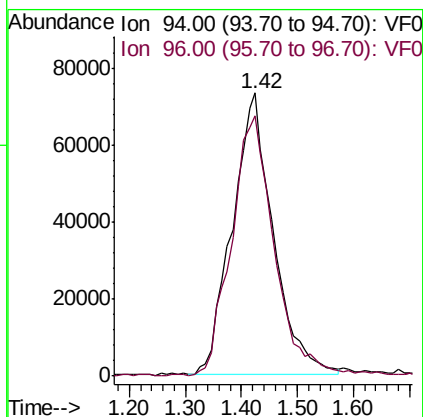
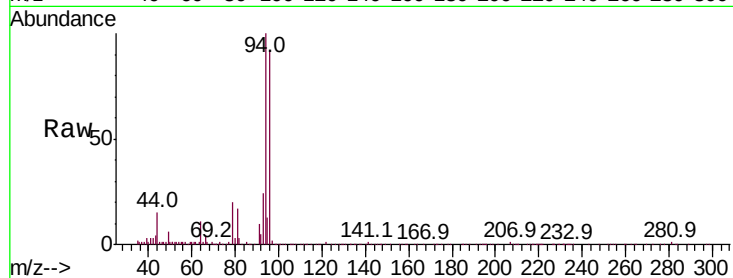
VSTDIC075

Tot Ion: 94 Resp: 371392

Ion Ratio Lower Upper

94 100

96 92.0 73.8 110.6



#6

Chloroethane

Concen: 64.270 ug/l

RT: 1.46 min Scan# 94

Delta R.T. -0.00 min

Lab File: VF062797.D

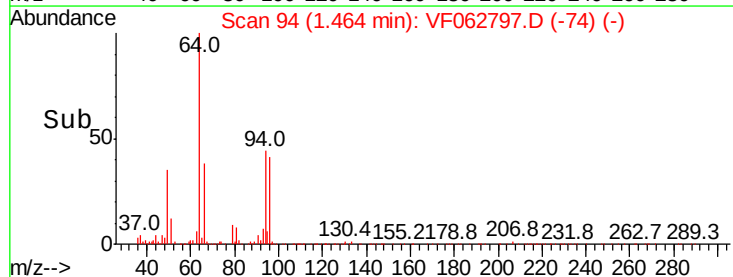
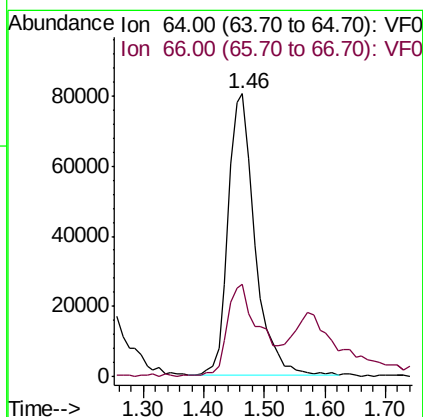
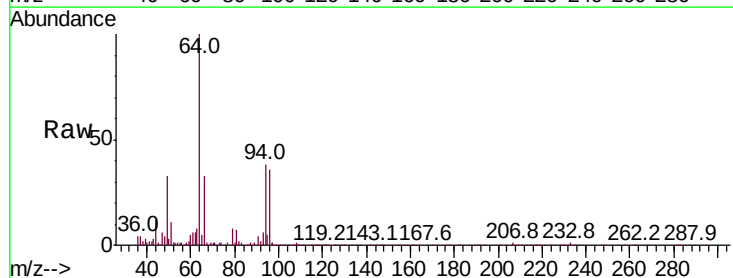
Acq: 30 May 2019 15:59

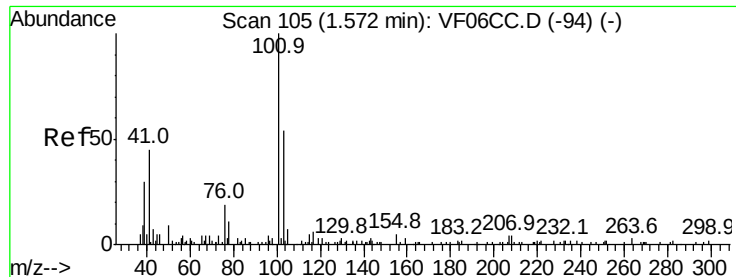
Tgt Ion: 64 Resp: 246783

Ion Ratio Lower Upper

64 100

66 32.8 31.0 46.4



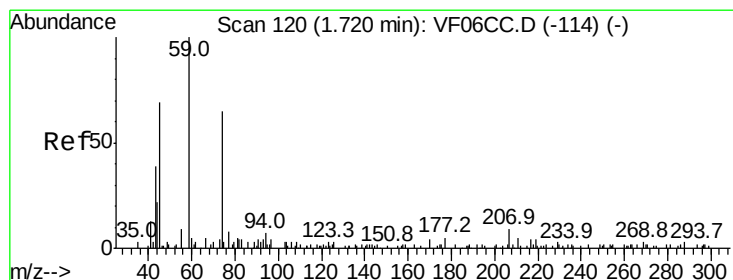
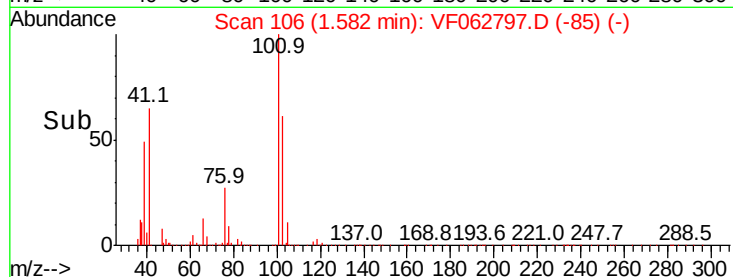
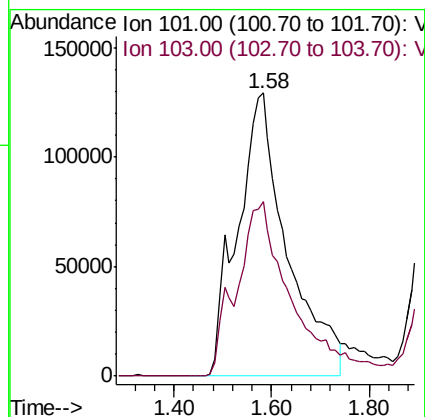
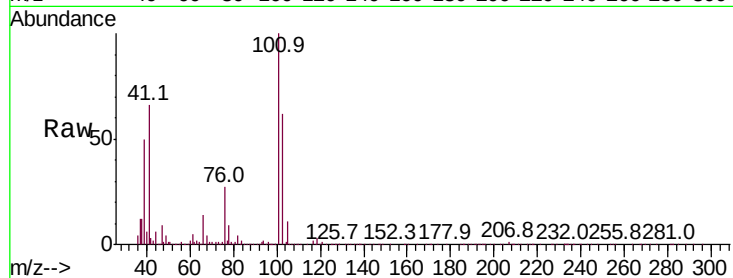


#7

Trichlorofluoromethane
Concen: 64.647 ug/l
RT: 1.58 min Scan# 106
Delta R.T. 0.01 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Instrument :
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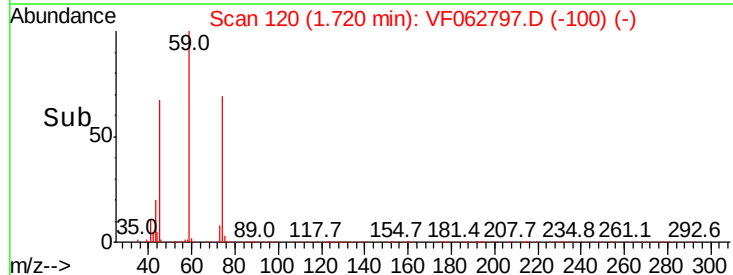
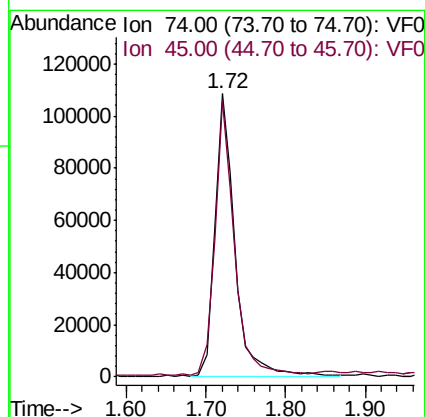
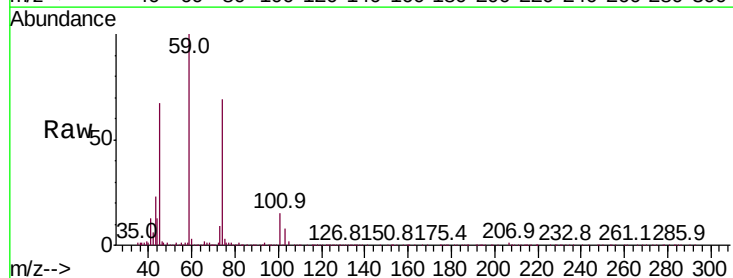
Tot Ion:101 Resp: 916617
Ion Ratio Lower Upper
101 100
103 61.6 54.6 82.0

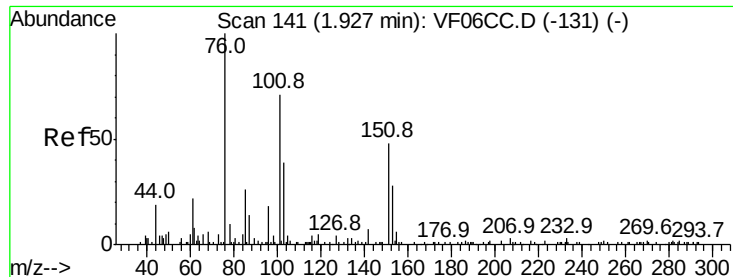


#8

Diethyl Ether
Concen: 67.299 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Tgt Ion: 74 Resp: 192582
Ion Ratio Lower Upper
74 100
45 97.6 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 63.418 ug/l

RT: 1.93 min Scan# 141

Delta R.T. -0.01 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

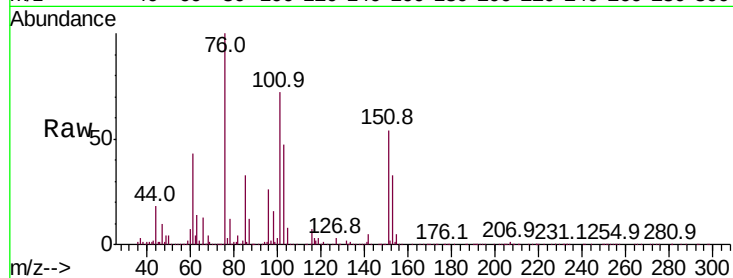
Tot Ion:101 Resp: 583625

Ion Ratio Lower Upper

101 100

85 45.2 37.1 55.7

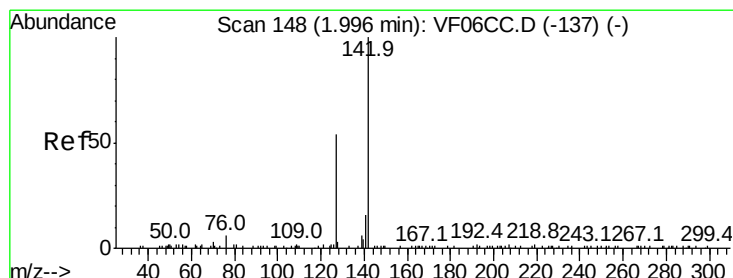
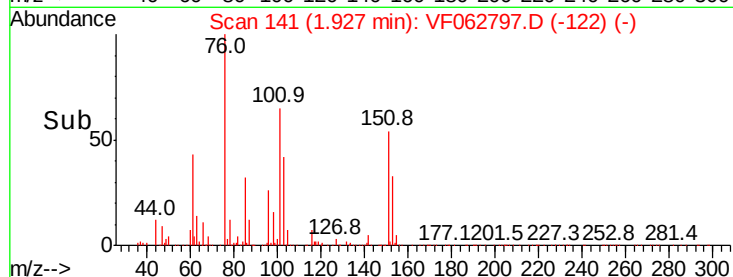
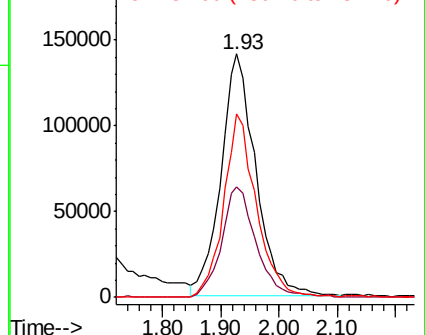
151 75.1 60.3 90.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 65.991 ug/l

RT: 2.01 min Scan# 149

Delta R.T. -0.01 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

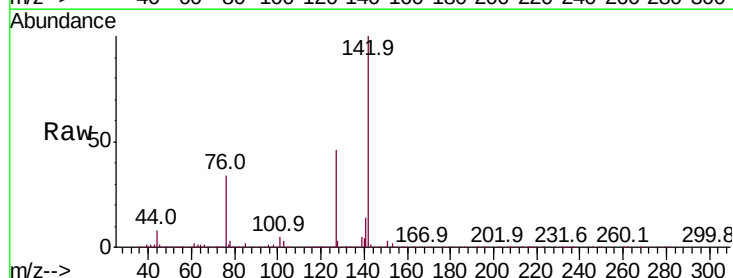
Tgt Ion:142 Resp: 1177304

Ion Ratio Lower Upper

142 100

127 46.0 39.4 59.2

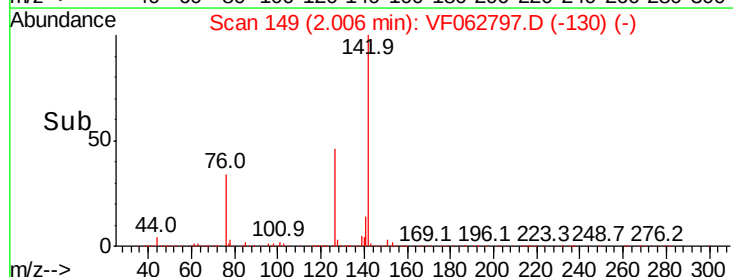
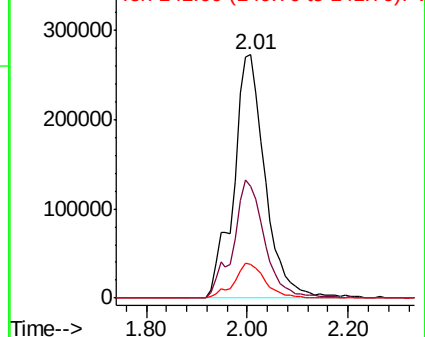
141 13.9 10.6 15.8

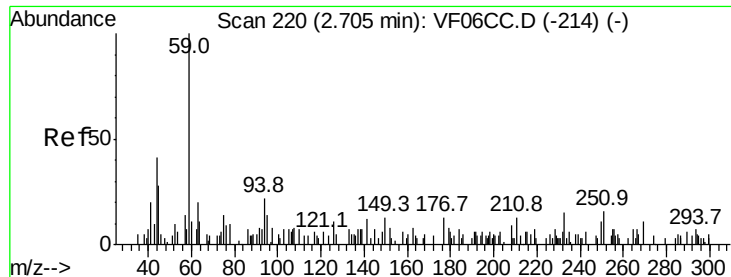


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



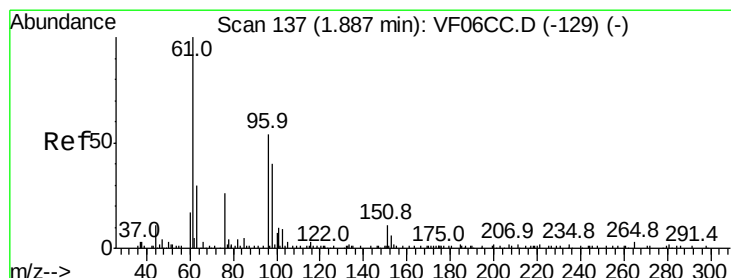
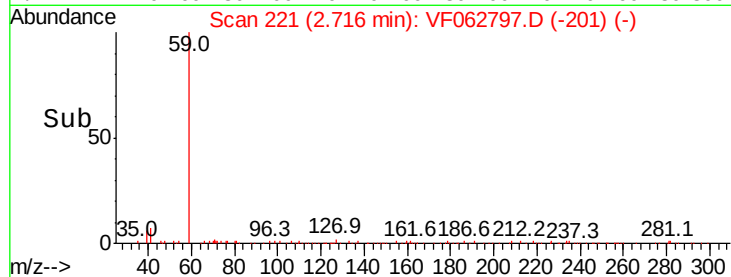
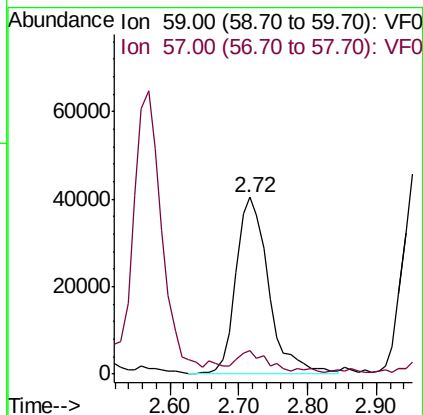
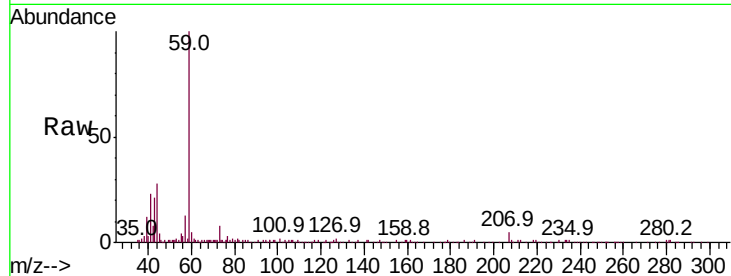


#11

Tert butyl alcohol
 Concen: 319.814 ug/l
 RT: 2.72 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VF062797.D
 Acq: 30 May 2019 15:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

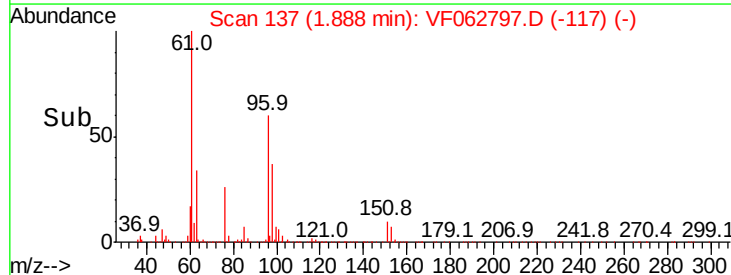
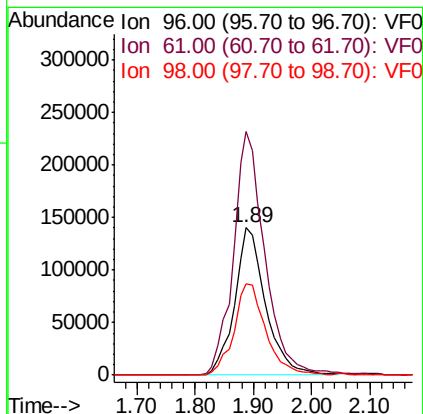
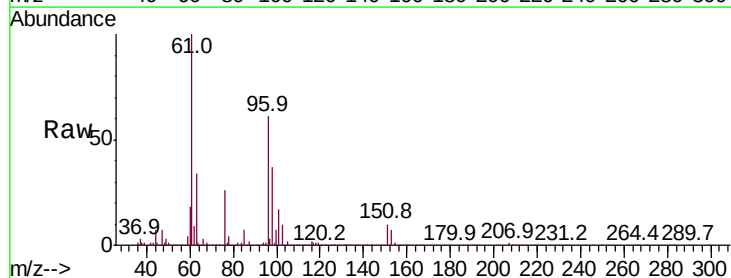
Tot Ion: 59 Resp: 131026
 Ion Ratio Lower Upper
 59 100
 57 13.4 9.2 13.8

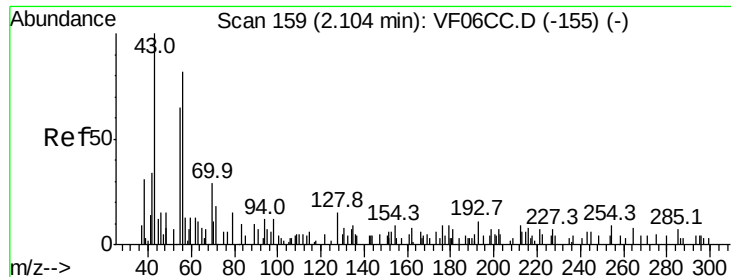


#12

1,1-Dichloroethene
 Concen: 63.766 ug/l
 RT: 1.89 min Scan# 137
 Delta R.T. -0.00 min
 Lab File: VF062797.D
 Acq: 30 May 2019 15:59

Tgt Ion: 96 Resp: 517132
 Ion Ratio Lower Upper
 96 100
 61 165.1 139.4 209.2
 98 61.8 50.3 75.5

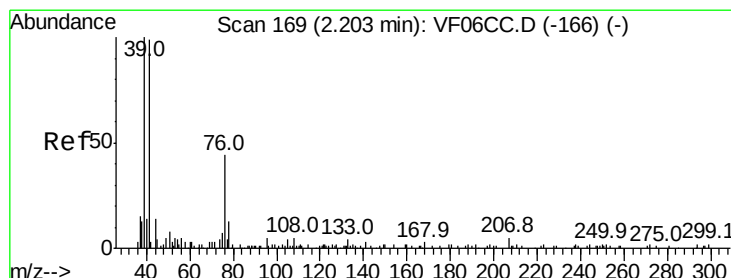
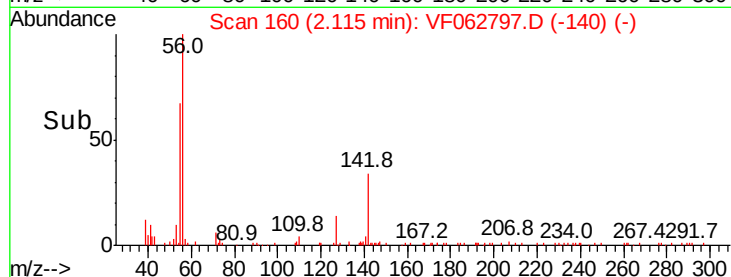
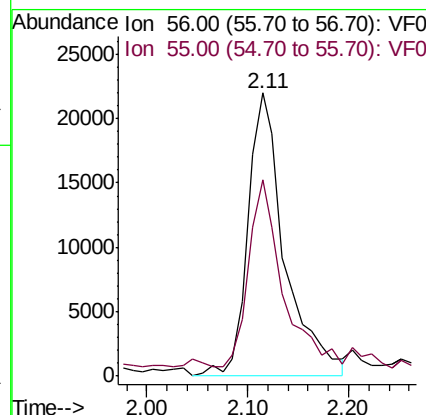
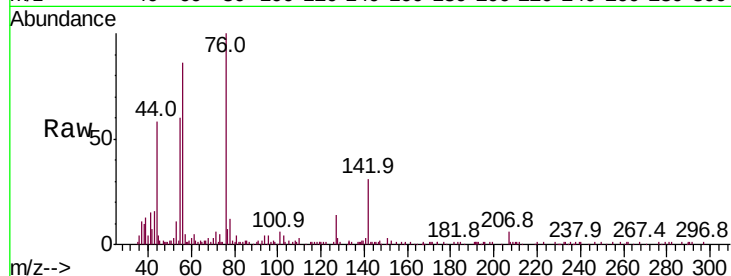




#13
Acrolein
Concen: 355.788 ug/l
RT: 2.11 min Scan# 160
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

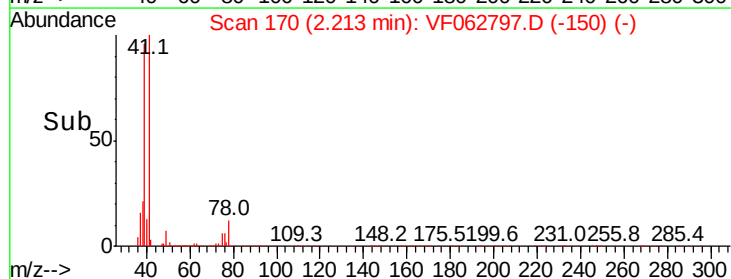
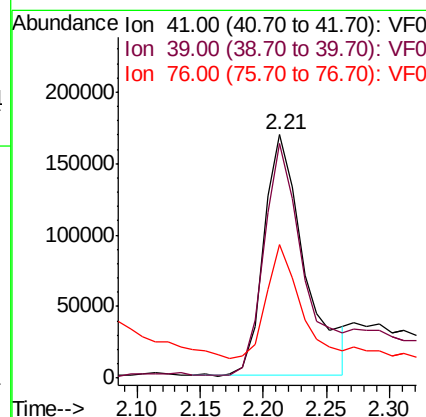
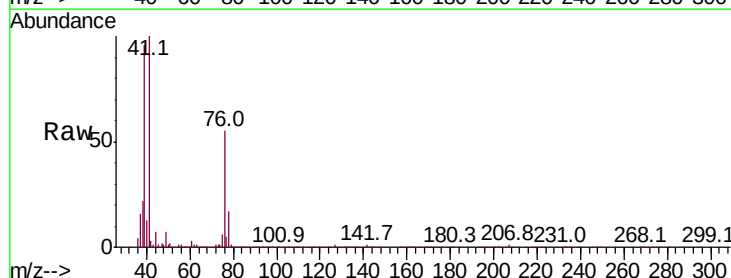
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

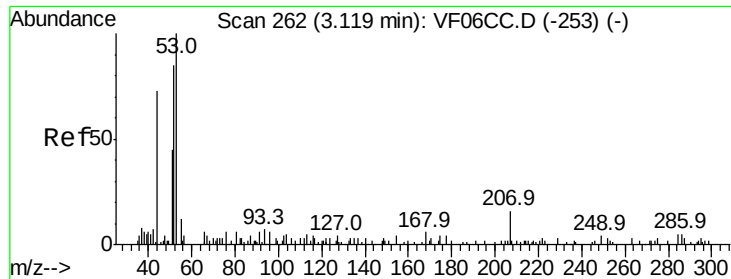
Tot Ion: 56 Resp: 56150
Ion Ratio Lower Upper
56 100
55 69.5 52.9 79.3



#14
Allyl chloride
Concen: 64.609 ug/l
RT: 2.21 min Scan# 170
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Tgt Ion: 41 Resp: 382776
Ion Ratio Lower Upper
41 100
39 96.2 71.9 107.9
76 54.8 39.6 59.4





#15

Acrylonitrile

Concen: 257.619 ug/l

RT: 3.11 min Scan# 261

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

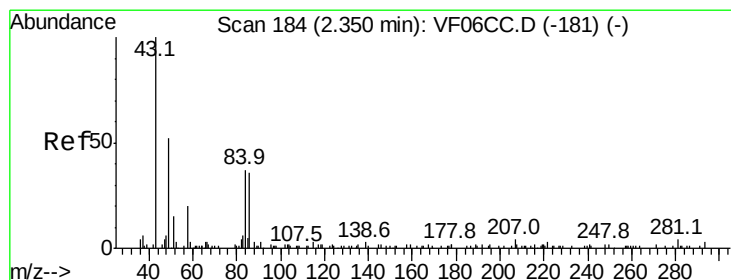
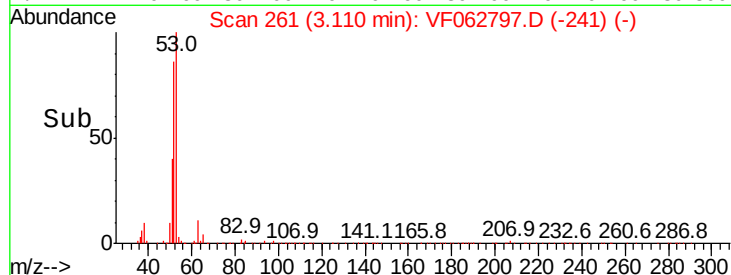
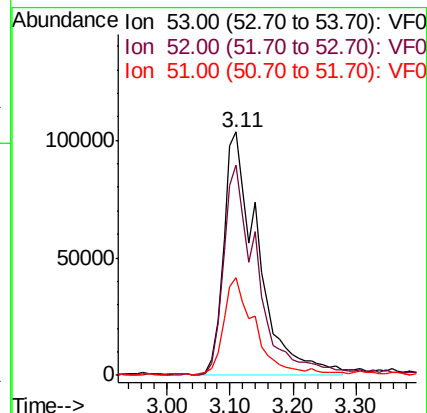
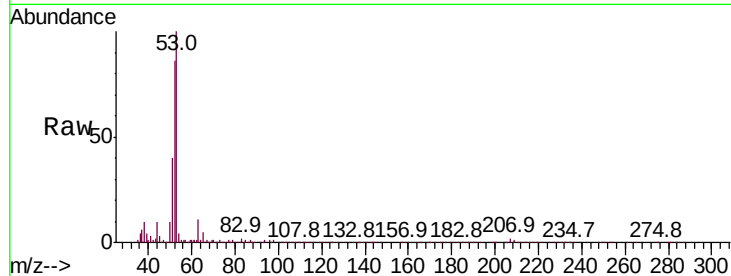
Tot Ion: 53 Resp: 392180

Ion Ratio Lower Upper

53 100

52 86.4 68.1 102.1

51 40.3 27.7 41.5



#16

Acetone

Concen: 335.329 ug/l

RT: 2.36 min Scan# 185

Delta R.T. -0.00 min

Lab File: VF062797.D

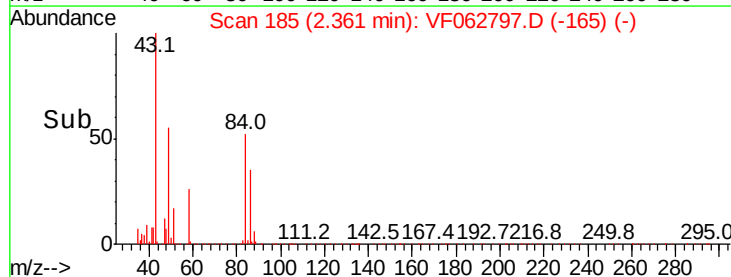
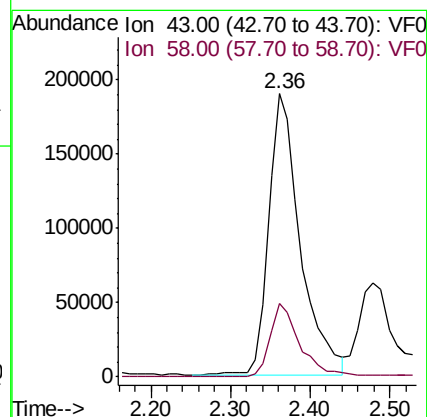
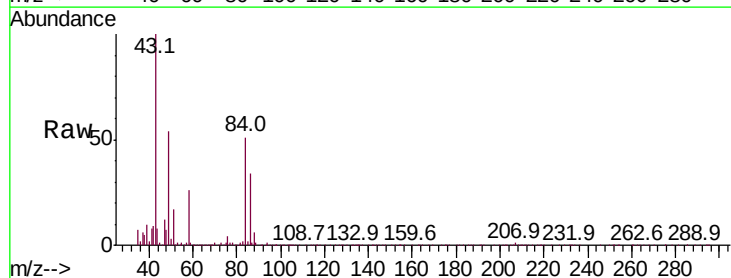
Acq: 30 May 2019 15:59

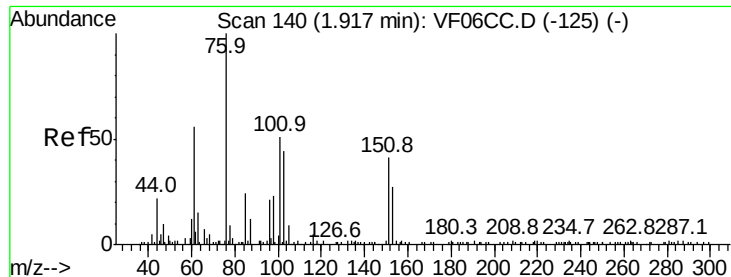
Tgt Ion: 43 Resp: 521073

Ion Ratio Lower Upper

43 100

58 25.9 19.0 28.4





#17

Carbon Disulfide

Concen: 85.774 ug/l m

RT: 1.94 min Scan# 142

Delta R.T. 0.01 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

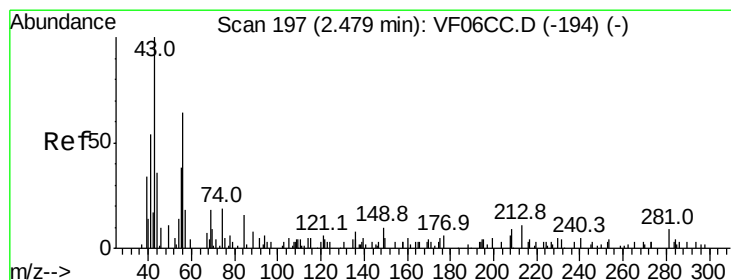
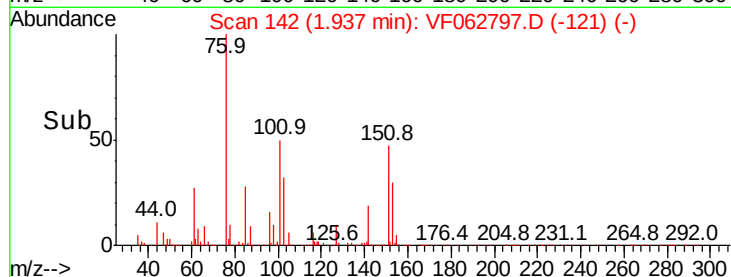
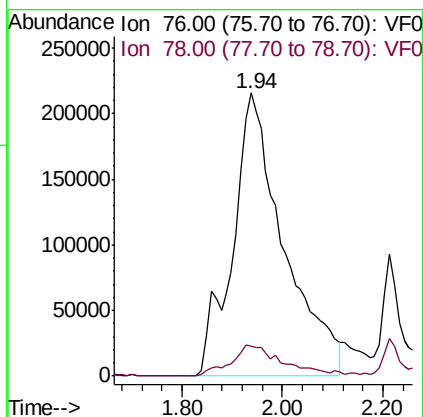
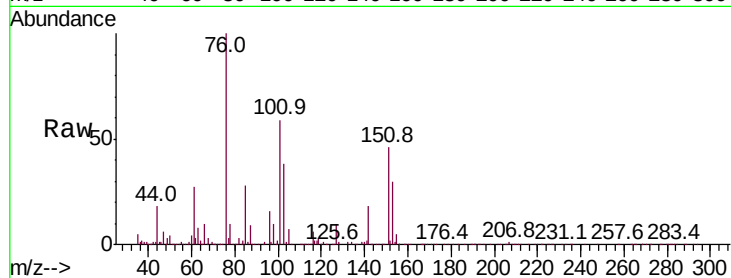
VSTDIC075

Tot Ion: 76 Resp: 1524616

Ion Ratio Lower Upper

76 100

78 10.5 9.4 14.2



#18

Methyl Acetate

Concen: 53.393 ug/l

RT: 2.48 min Scan# 197

Delta R.T. -0.00 min

Lab File: VF062797.D

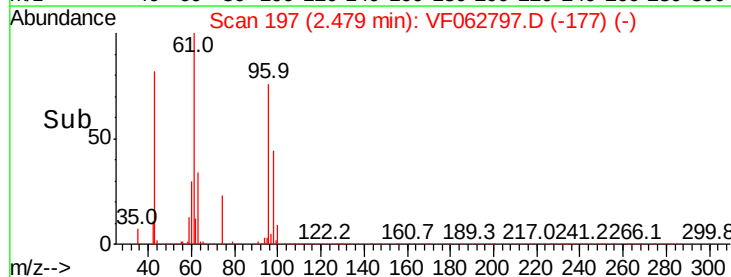
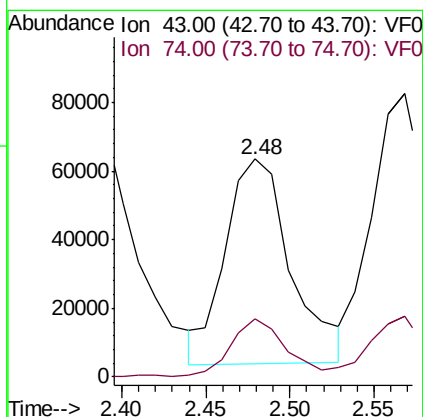
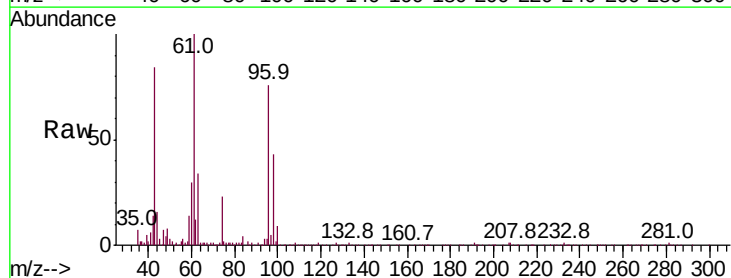
Acq: 30 May 2019 15:59

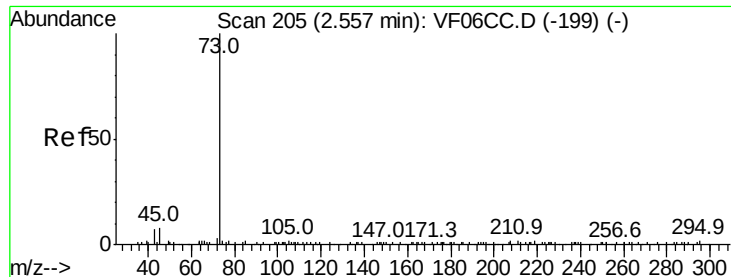
Tgt Ion: 43 Resp: 161235

Ion Ratio Lower Upper

43 100

74 26.9 22.1 33.1

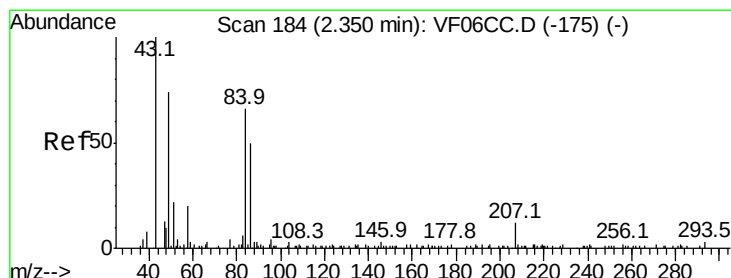
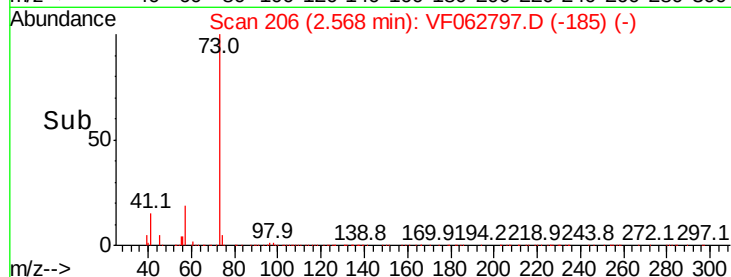
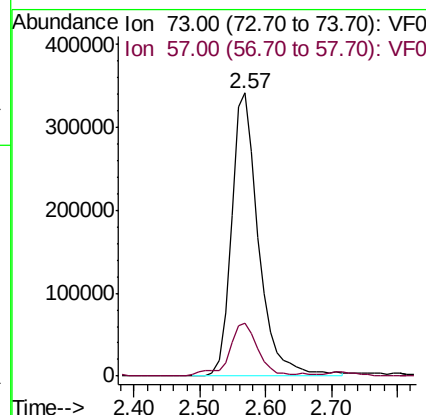
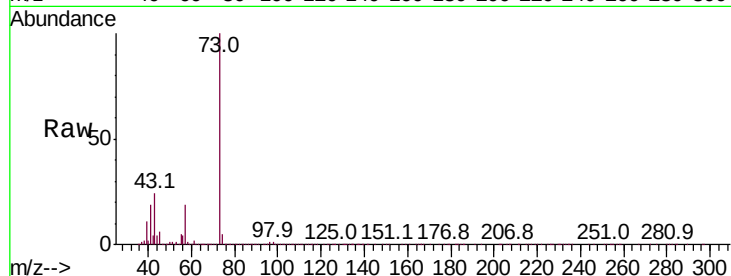




#19
Methyl tert-butyl Ether
Concen: 66.366 ug/l
RT: 2.57 min Scan# 206
Delta R.T. 0.01 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

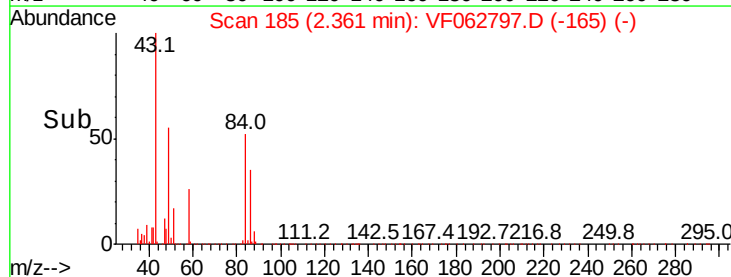
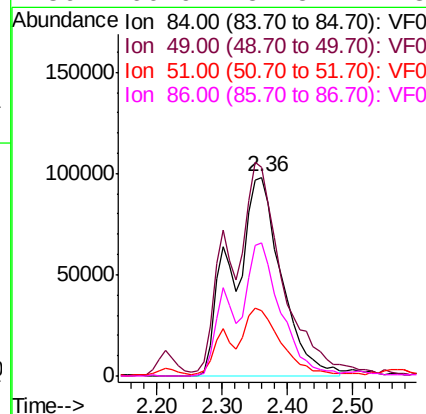
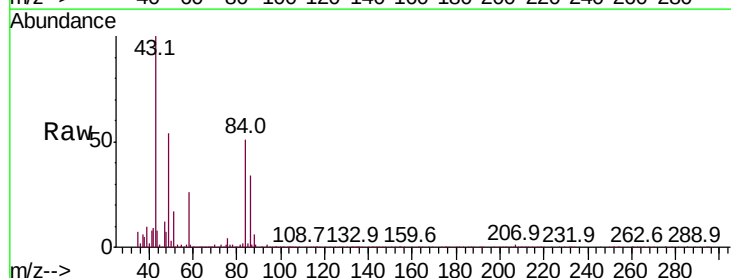
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

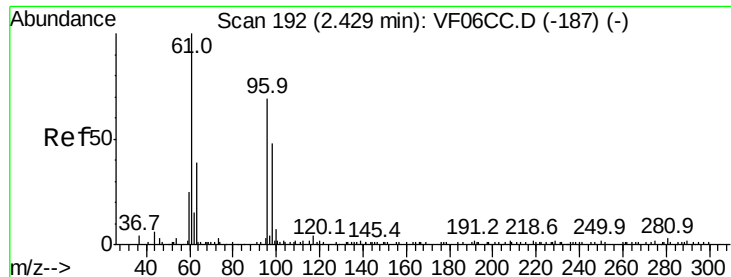
Tot Ion: 73 Resp: 977596
Ion Ratio Lower Upper
73 100
57 18.9 15.1 22.7



#20
Methylene Chloride
Concen: 55.909 ug/l m
RT: 2.36 min Scan# 185
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Tgt Ion: 84 Resp: 511538
Ion Ratio Lower Upper
84 100
49 105.2 82.6 123.8
51 33.1 25.0 37.4
86 66.9 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 65.317 ug/l

RT: 2.44 min Scan# 193

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

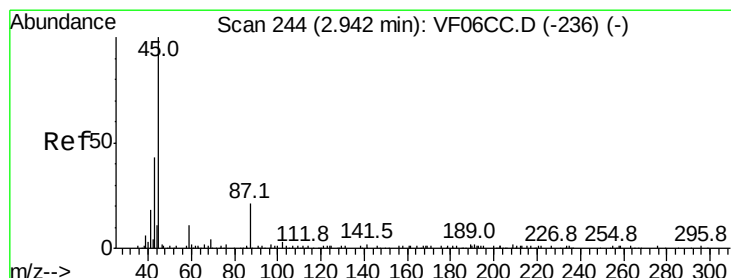
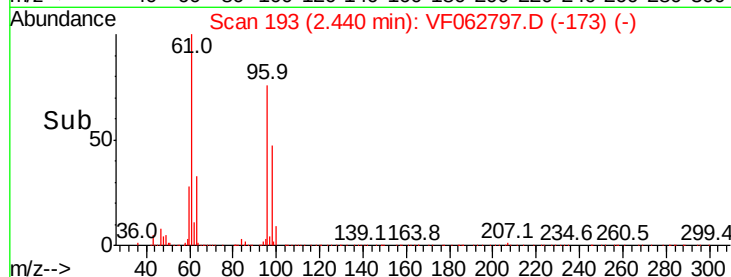
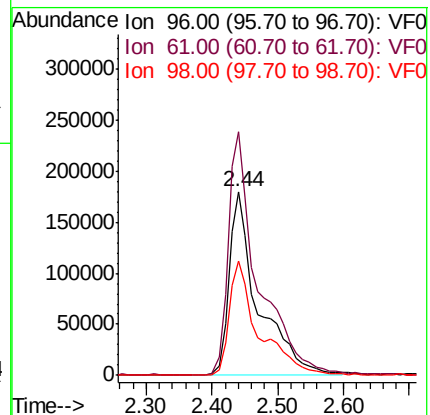
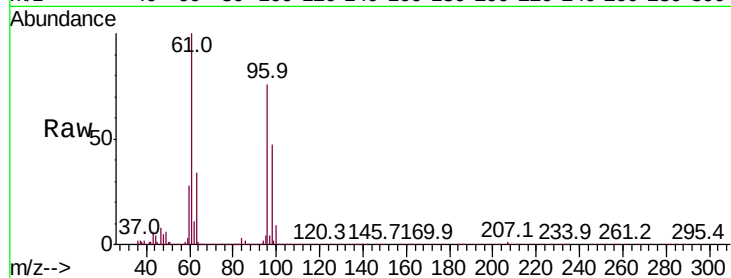
Tot Ion: 96 Resp: 552322

Ion Ratio Lower Upper

96 100

61 132.3 105.0 157.6

98 62.1 51.1 76.7



#22

Diisopropyl ether

Concen: 66.970 ug/l

RT: 2.96 min Scan# 246

Delta R.T. 0.01 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Tgt Ion: 45 Resp: 1165899

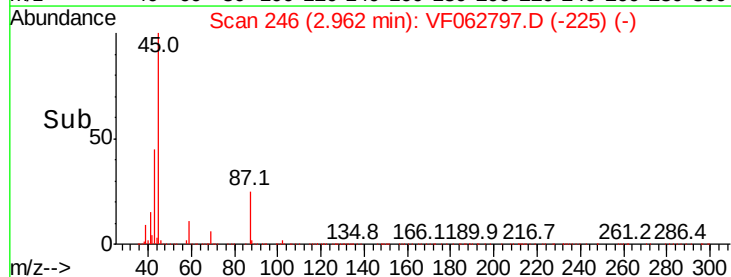
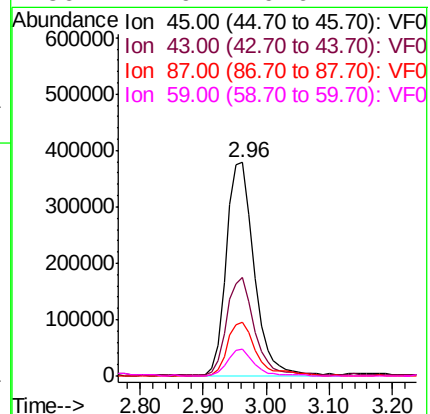
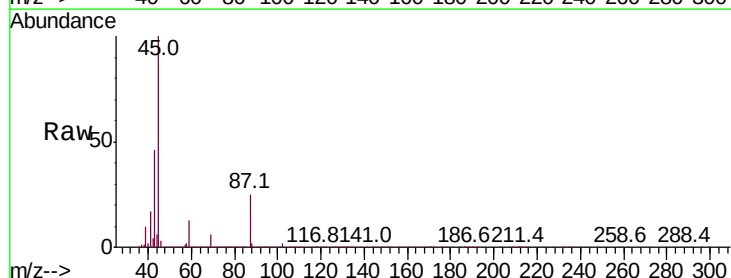
Ion Ratio Lower Upper

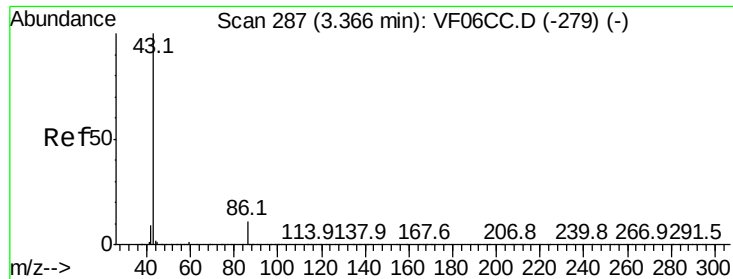
45 100

43 45.9 34.3 51.5

87 25.3 19.0 28.4

59 12.9 9.6 14.4





#23

Vinyl Acetate

Concen: 303.422 ug/l

RT: 3.37 min Scan# 287

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

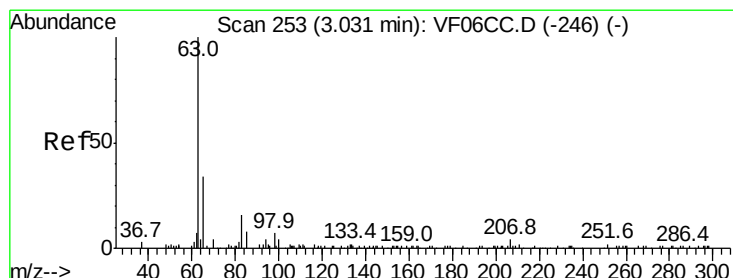
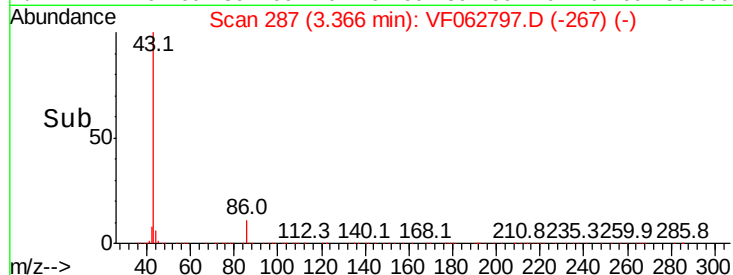
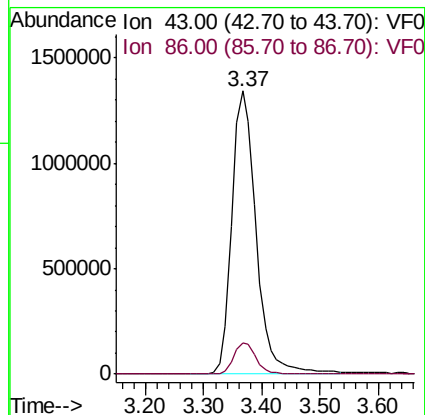
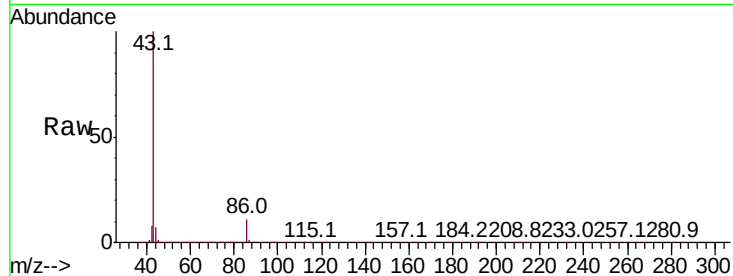
VSTDIC075

Tot Ion: 43 Resp: 3888993

Ion Ratio Lower Upper

43 100

86 10.9 8.2 12.2



#24

1,1-Dichloroethane

Concen: 63.944 ug/l

RT: 3.03 min Scan# 253

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

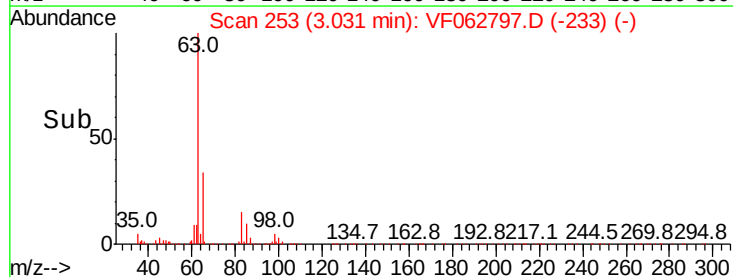
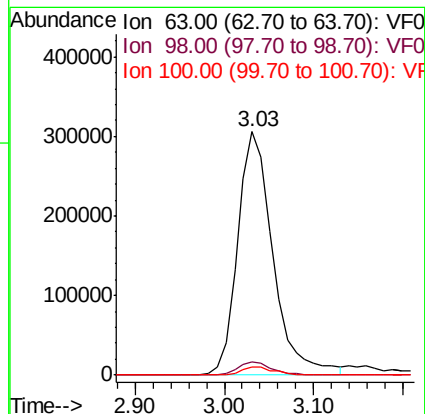
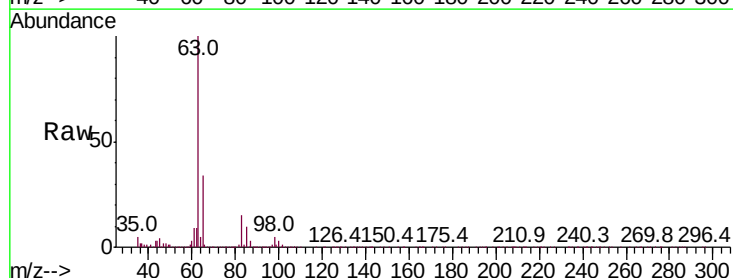
Tgt Ion: 63 Resp: 843930

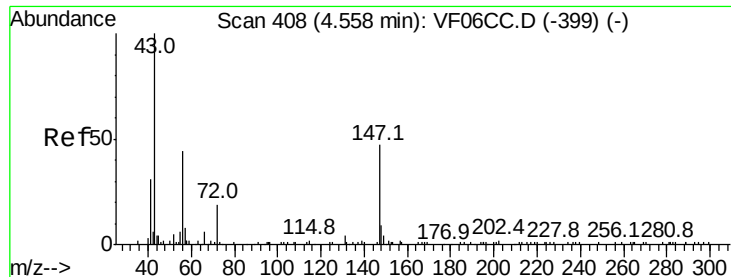
Ion Ratio Lower Upper

63 100

98 5.2 2.4 7.1

100 3.2 1.5 4.5





#25

2-Butanone

Concen: 305.988 ug/l

RT: 4.55 min Scan# 407

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

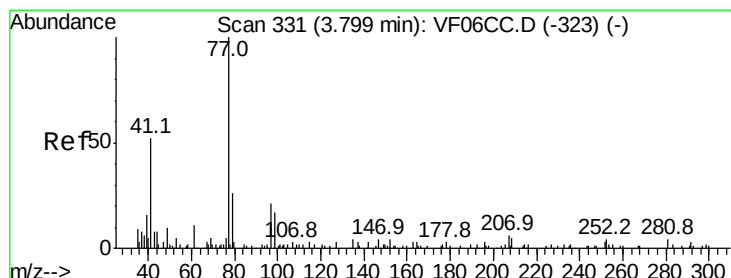
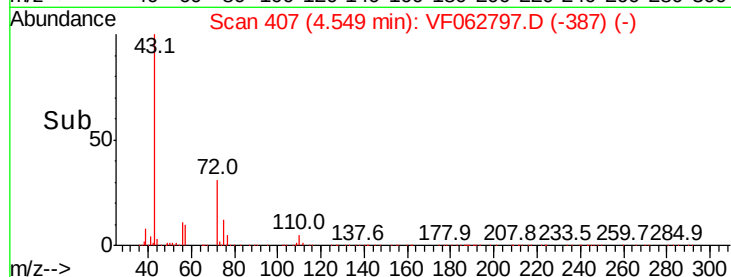
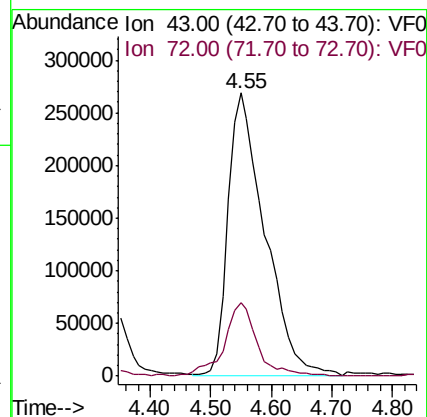
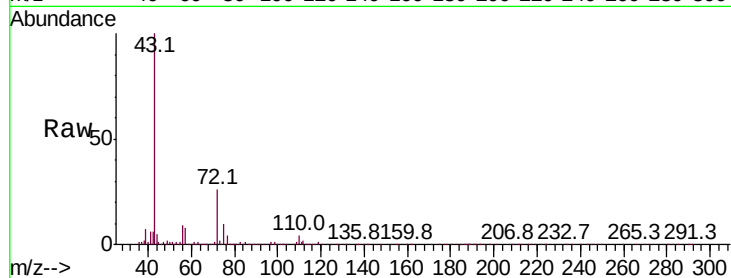
VSTDIC075

Tot Ion: 43 Resp: 1129481

Ion Ratio Lower Upper

43 100

72 26.2 21.4 32.0



#26

2,2-Dichloropropane

Concen: 64.717 ug/l

RT: 3.80 min Scan# 331

Delta R.T. -0.00 min

Lab File: VF062797.D

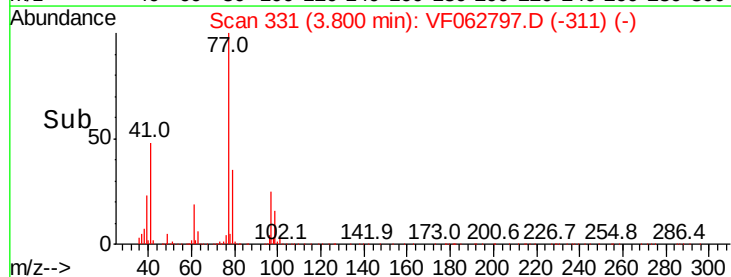
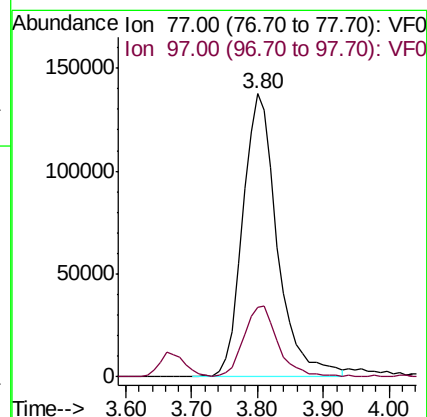
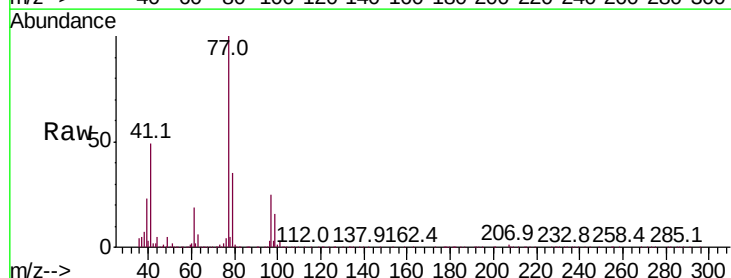
Acq: 30 May 2019 15:59

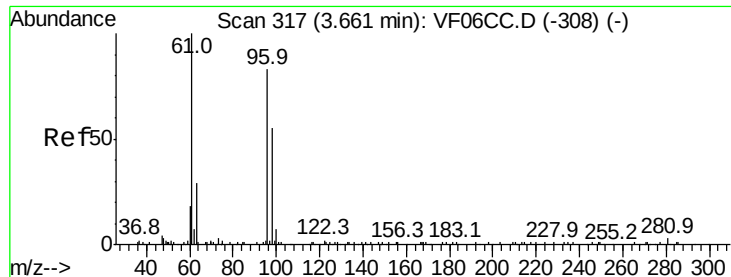
Tgt Ion: 77 Resp: 504945

Ion Ratio Lower Upper

77 100

97 24.5 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 66.658 ug/l

RT: 3.67 min Scan# 318

Delta R.T. -0.00 min

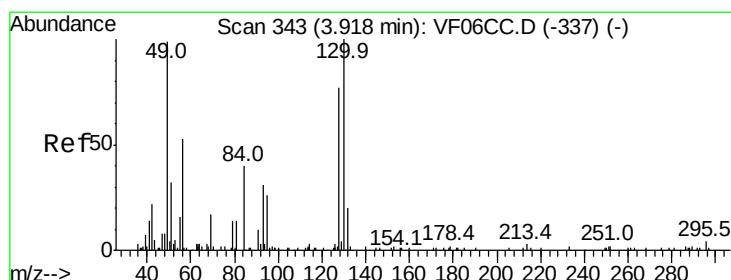
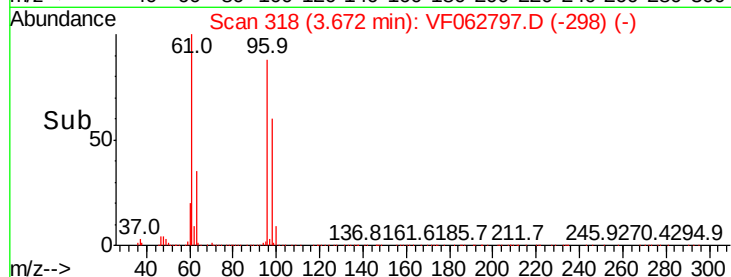
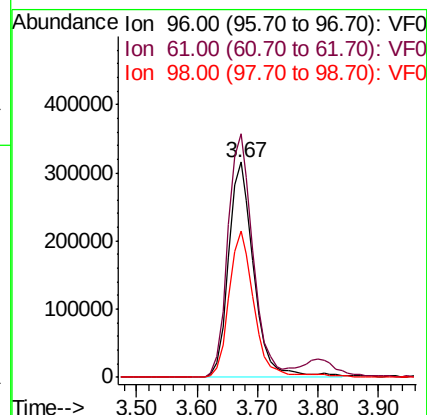
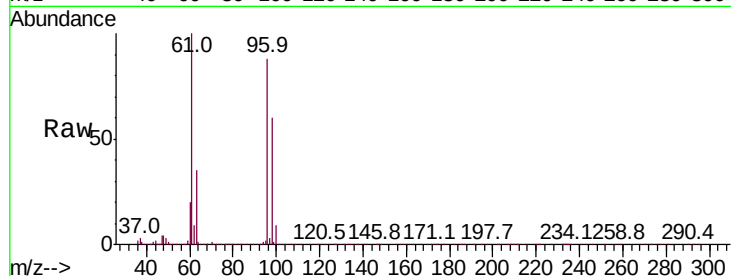
Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion: 96 Resp: 910144

Ion	Ratio	Lower	Upper
96	100		
61	113.2	0.0	213.8
98	68.1	0.0	127.0



#28

Bromochloromethane

Concen: 59.865 ug/l

RT: 3.93 min Scan# 344

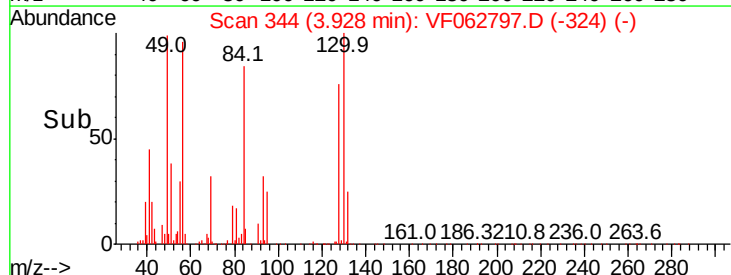
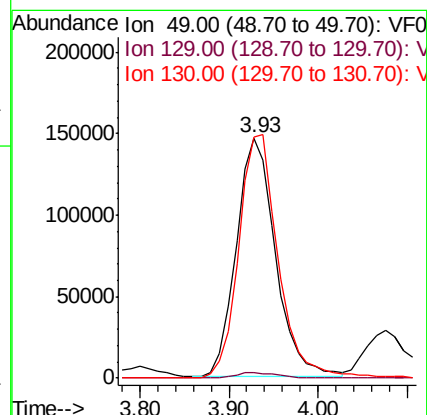
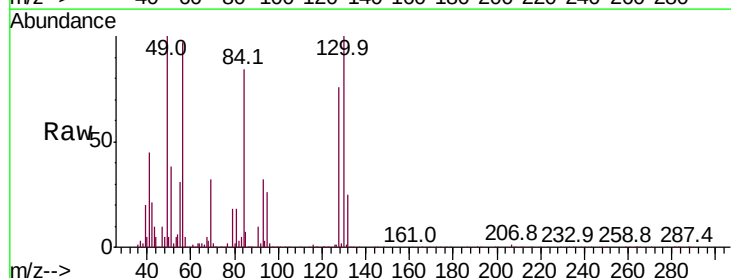
Delta R.T. -0.00 min

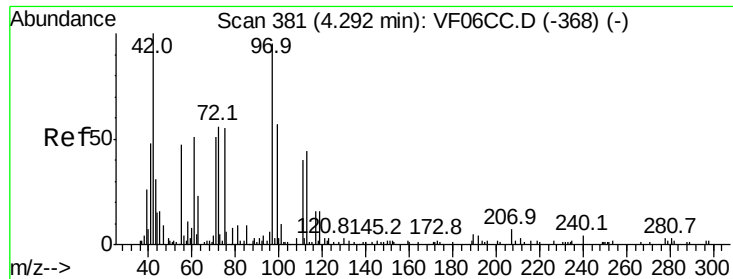
Lab File: VF062797.D

Acq: 30 May 2019 15:59

Tgt Ion: 49 Resp: 448549

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.4
130	100.5	79.2	118.8





#29

Tetrahydrofuran

Concen: 325.125 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

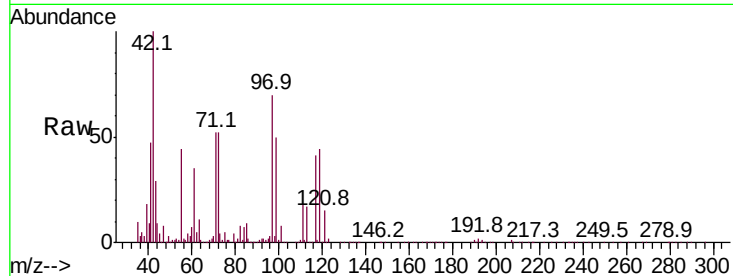
Tot Ion: 42 Resp: 443382

Ion Ratio Lower Upper

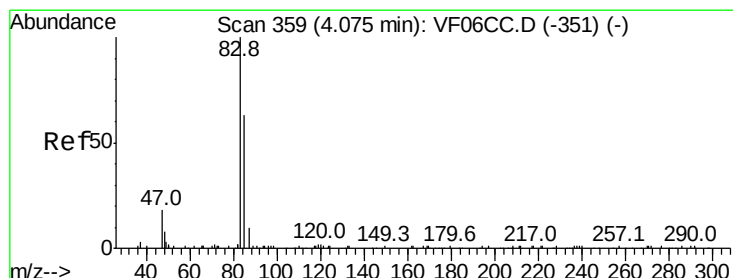
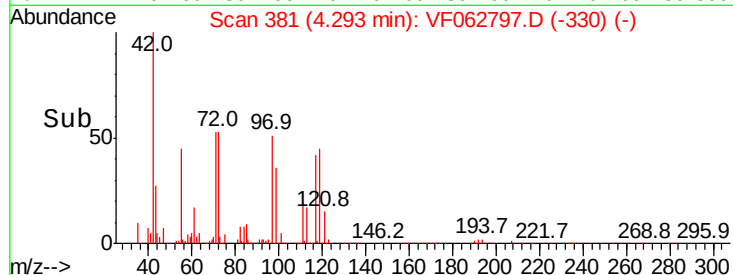
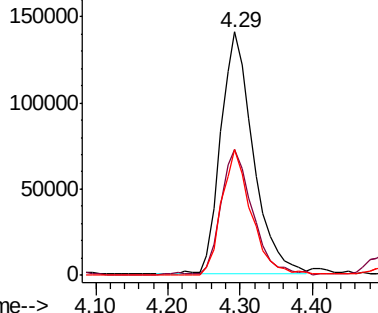
42 100

72 50.8 39.0 58.6

71 48.3 36.9 55.3



Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 62.351 ug/l

RT: 4.08 min Scan# 359

Delta R.T. -0.00 min

Lab File: VF062797.D

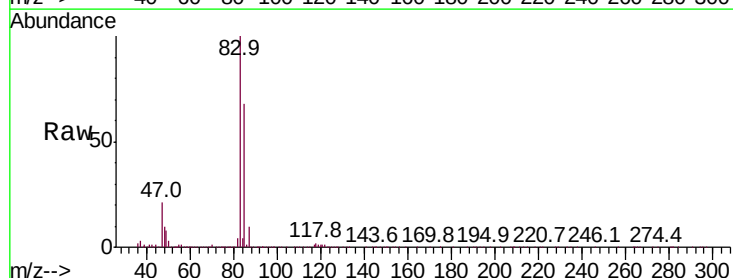
Acq: 30 May 2019 15:59

Tgt Ion: 83 Resp: 1203515

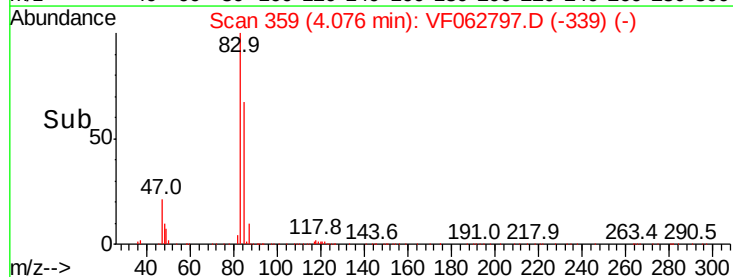
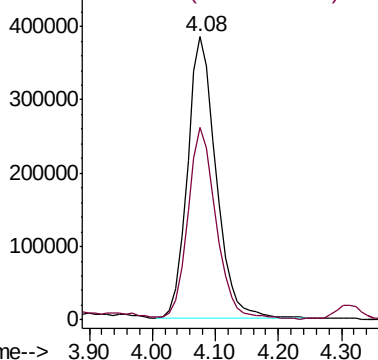
Ion Ratio Lower Upper

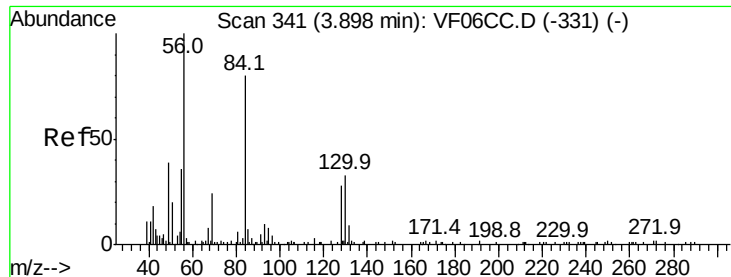
83 100

85 68.2 55.0 82.6



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0

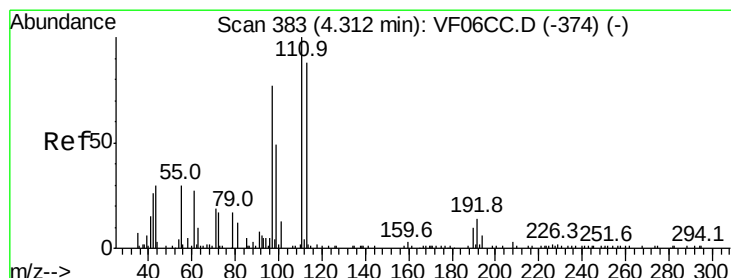
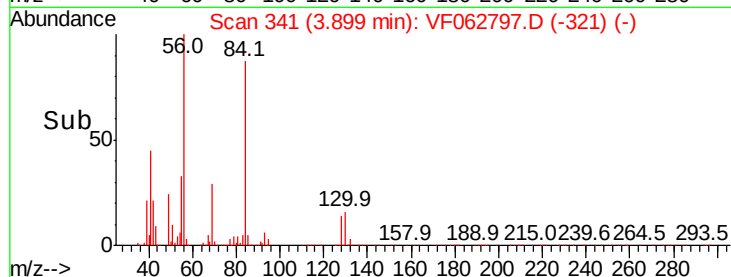
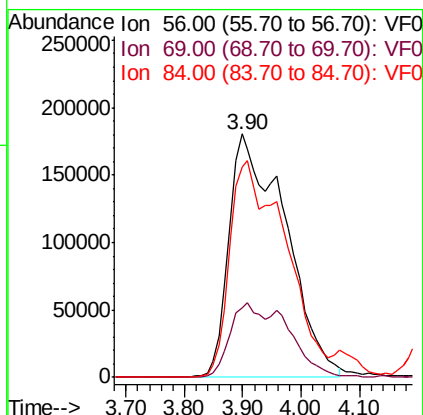
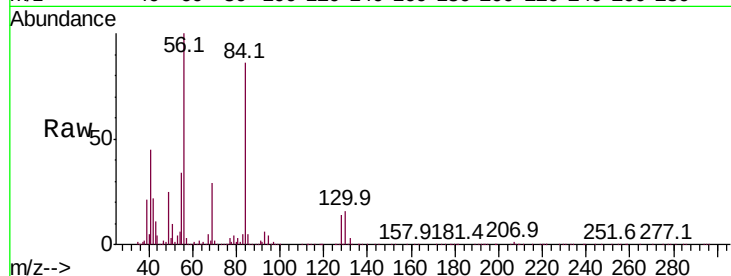




#31
Cyclohexane
Concen: 65.683 ug/l m
RT: 3.90 min Scan# 341
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

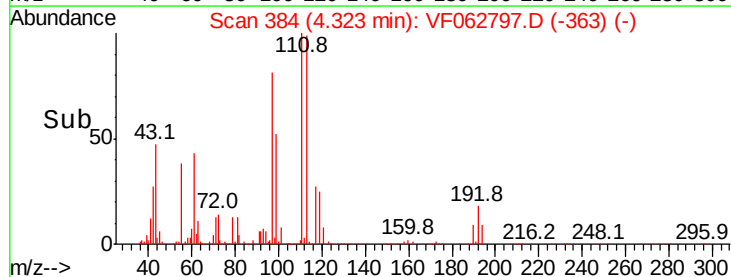
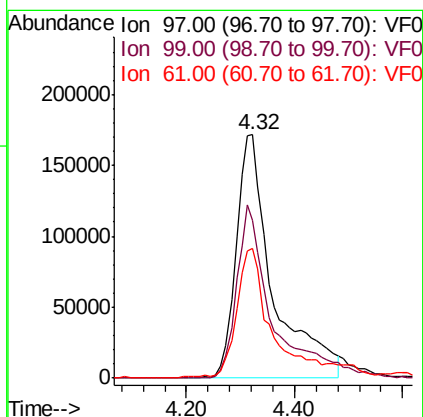
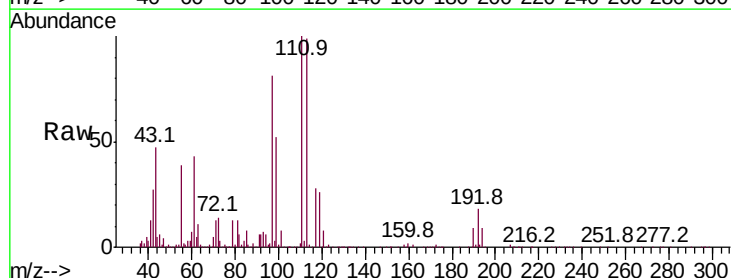
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

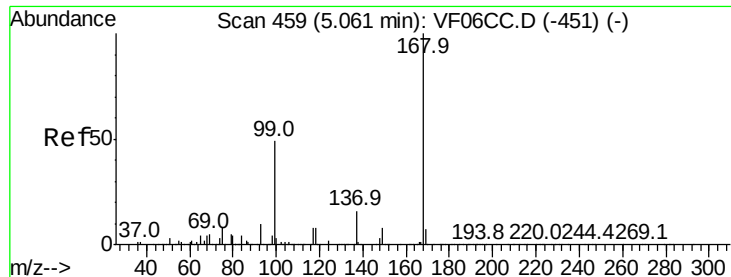
Tot Ion: 56 Resp: 1204927
Ion Ratio Lower Upper
56 100
69 28.7 26.7 40.1
84 86.4 74.3 111.5



#32
1,1,1-Trichloroethane
Concen: 76.191 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Tgt Ion: 97 Resp: 813173
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 53.3 38.9 58.3

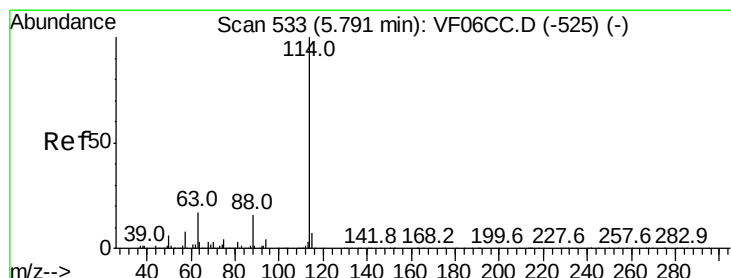
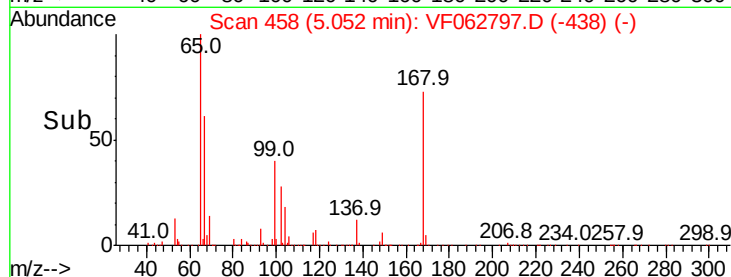
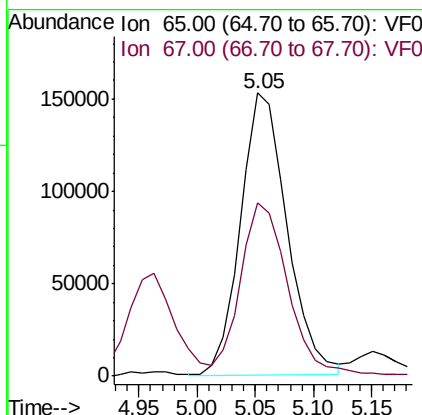
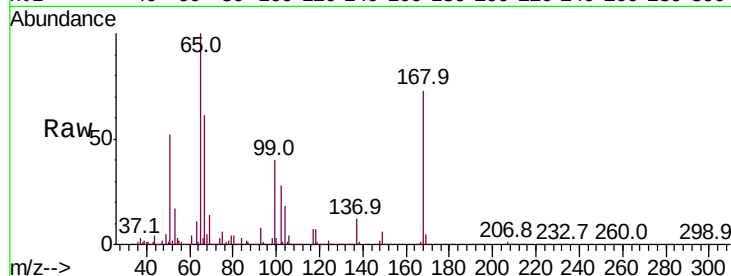




#33
 1,2-Dichloroethane-d4
 Concen: 63.450 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VF062797.D
 Acq: 30 May 2019 15:59

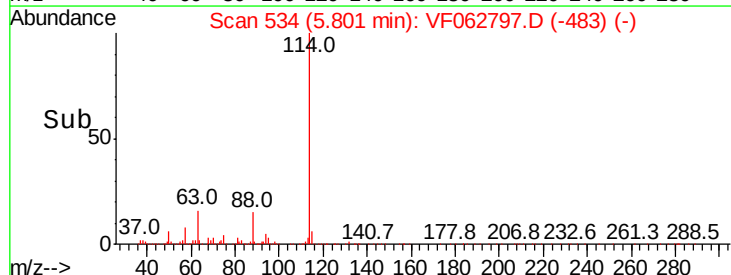
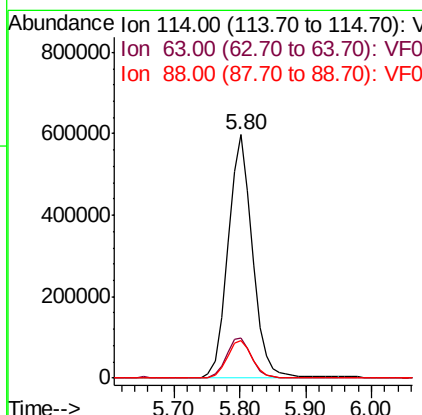
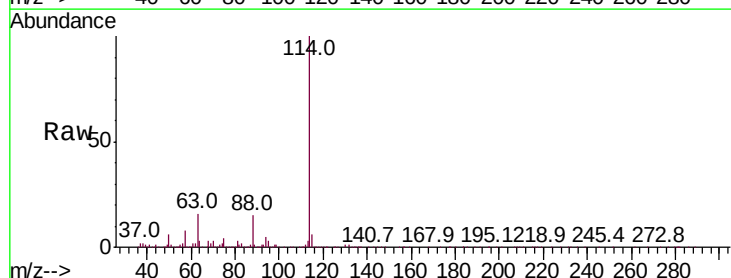
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

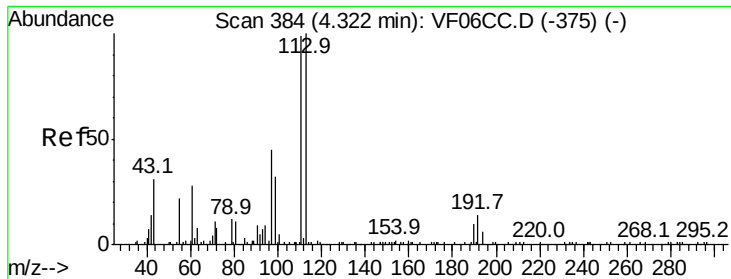
Tot Ion: 65 Resp: 423912
 Ion Ratio Lower Upper
 65 100
 67 61.4 0.0 121.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. -0.00 min
 Lab File: VF062797.D
 Acq: 30 May 2019 15:59

Tgt Ion: 114 Resp: 1562686
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 34.2
 88 15.4 0.0 31.2

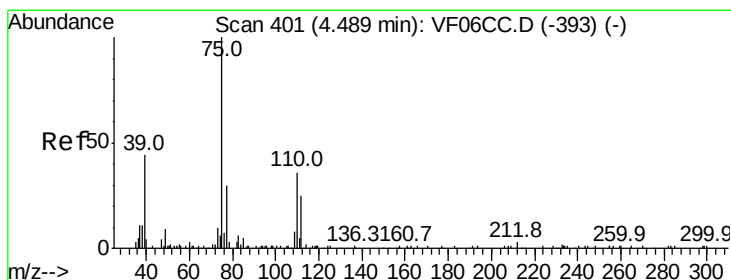
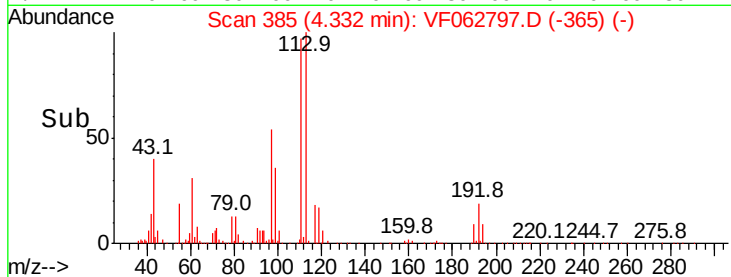
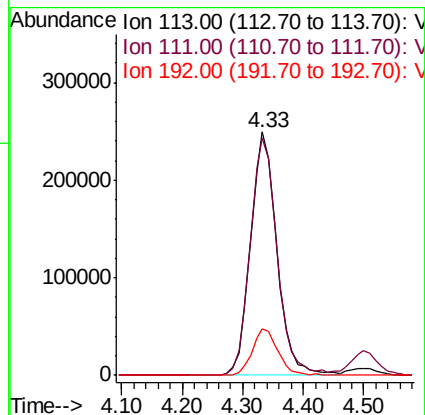
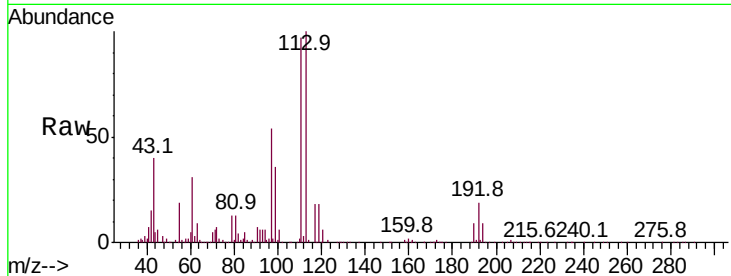




#35
Dibromofluoromethane
Concen: 62.321 ug/l
RT: 4.33 min Scan# 385
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

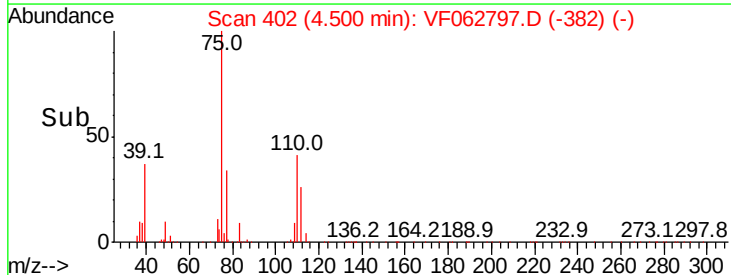
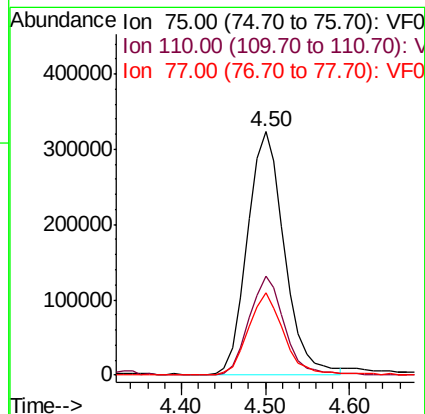
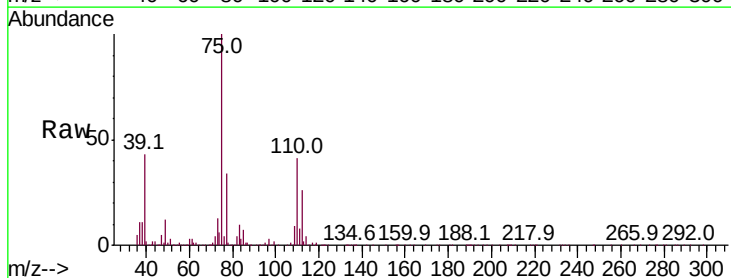
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

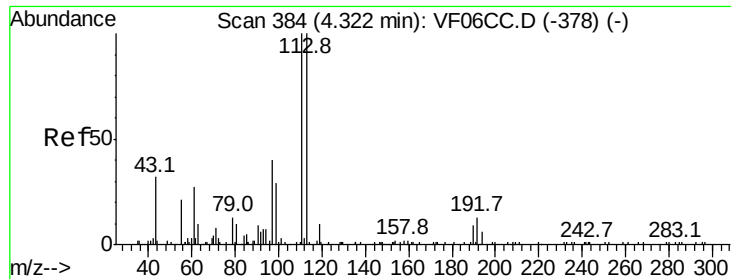
Tot Ion:113 Resp: 756640
Ion Ratio Lower Upper
113 100
111 97.3 81.9 122.9
192 19.3 15.1 22.7



#36
1,1-Dichloropropene
Concen: 65.338 ug/l
RT: 4.50 min Scan# 402
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Tgt Ion: 75 Resp: 995419
Ion Ratio Lower Upper
75 100
110 40.6 19.4 58.1
77 34.0 25.4 38.2

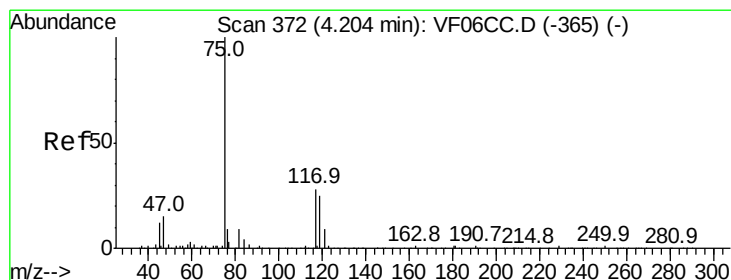
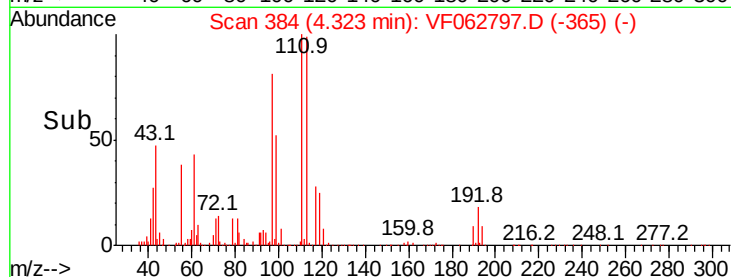
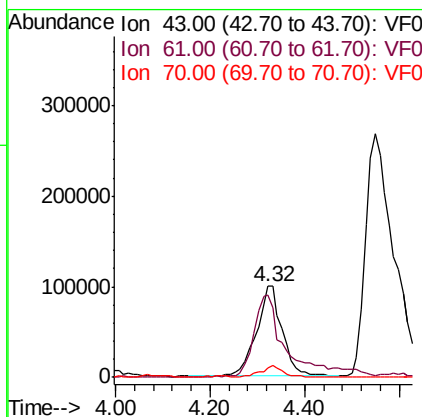
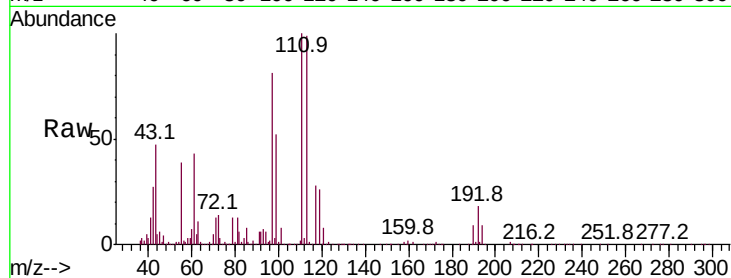




#37
Ethyl Acetate
Concen: 61.404 ug/l
RT: 4.32 min Scan# 384
Delta R.T. -0.01 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

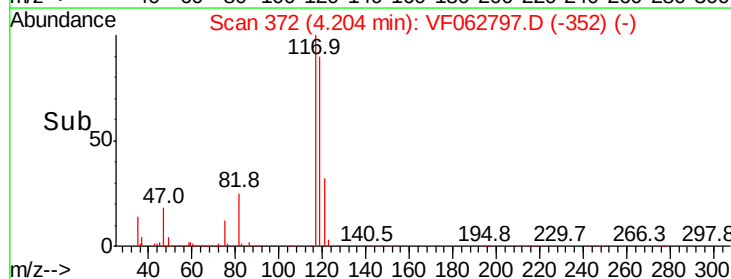
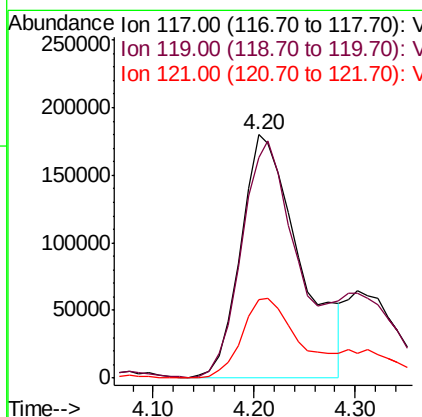
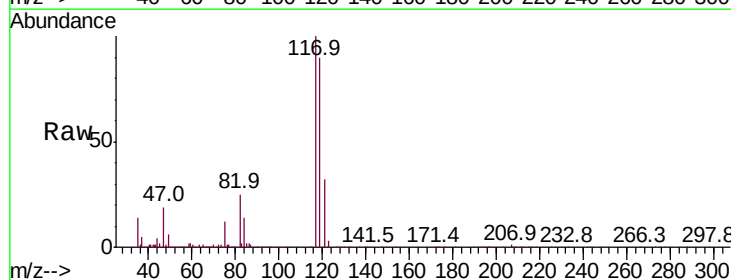
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

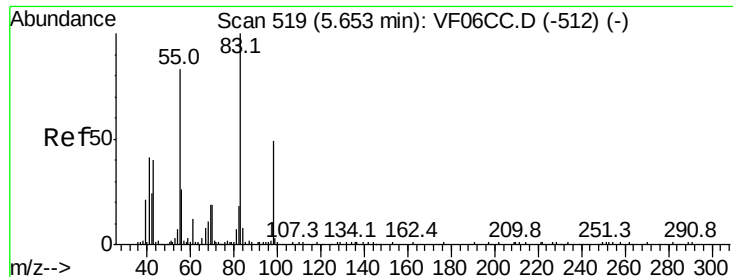
Tot Ion: 43 Resp: 377006
Ion Ratio Lower Upper
43 100
61 91.0 59.1 88.7#
70 10.4 10.1 15.1



#38
Carbon Tetrachloride
Concen: 71.488 ug/l
RT: 4.20 min Scan# 372
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Tgt Ion: 117 Resp: 728879
Ion Ratio Lower Upper
117 100
119 90.4 78.2 117.2
121 32.2 28.2 42.2

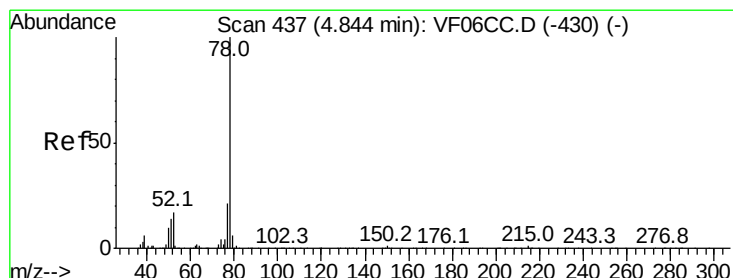
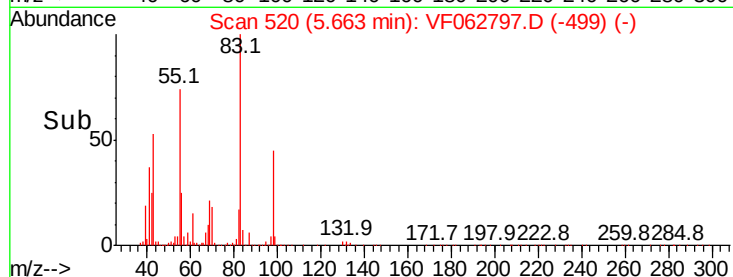
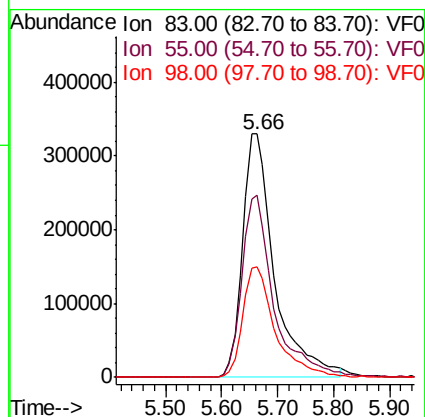
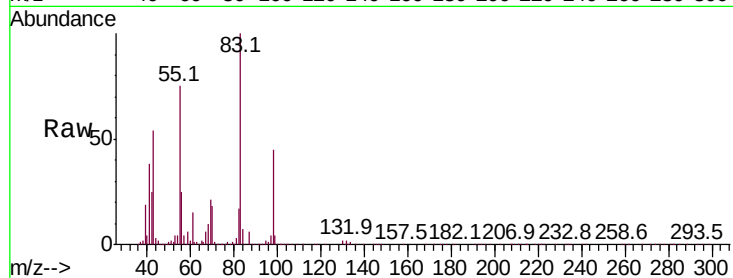




#39
Methylcyclohexane
Concen: 70.181 ug/l
RT: 5.66 min Scan# 520
Delta R.T. 0.01 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

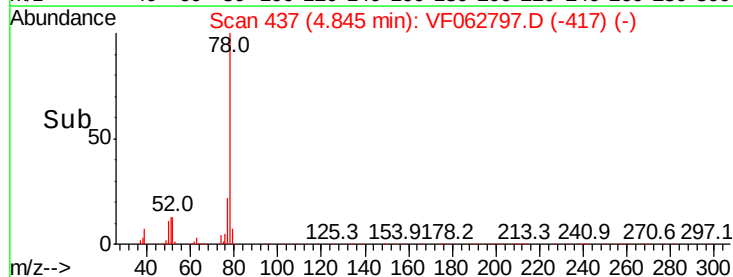
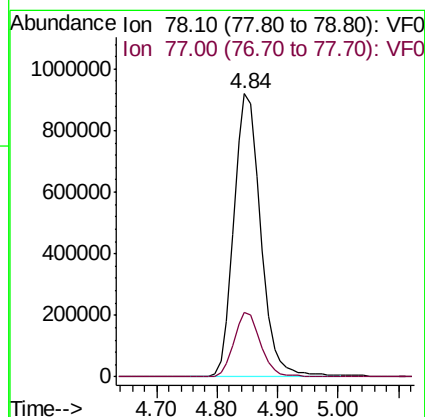
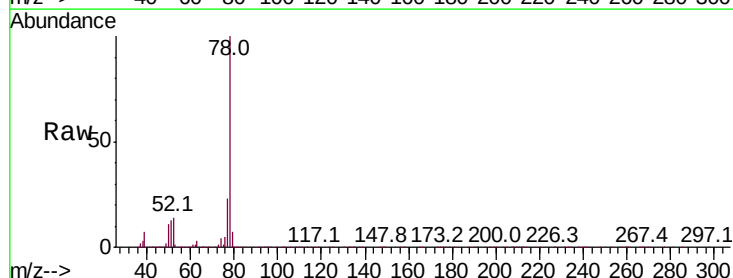
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

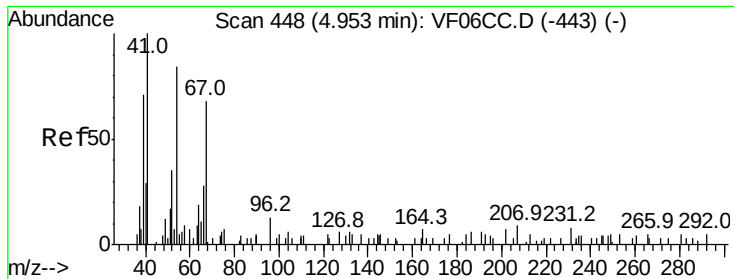
Tot Ion: 83 Resp: 1303582
Ion Ratio Lower Upper
83 100
55 74.6 61.6 92.4
98 45.4 37.4 56.2



#40
Benzene
Concen: 63.239 ug/l
RT: 4.84 min Scan# 437
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Tgt Ion: 78 Resp: 2842427
Ion Ratio Lower Upper
78 100
77 22.6 18.9 28.3





#41

Methacrylonitrile

Concen: 61.967 ug/l

RT: 4.96 min Scan# 449

Delta R.T. 0.01 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 41 Resp: 206641

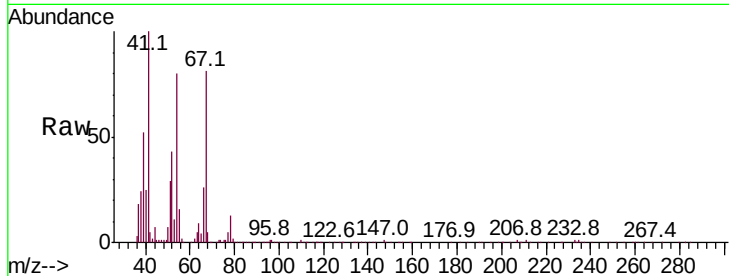
Ion Ratio Lower Upper

41 100

39 52.0 42.0 63.0

67 80.6 61.4 92.0

52 43.4 42.1 63.1

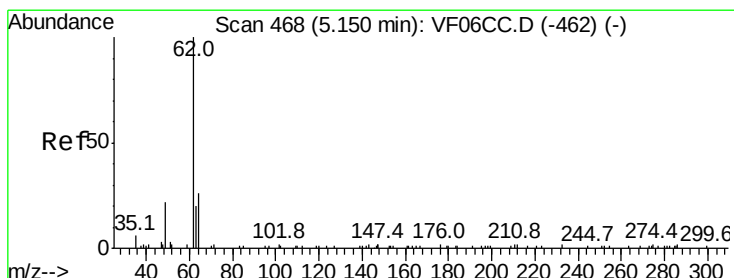
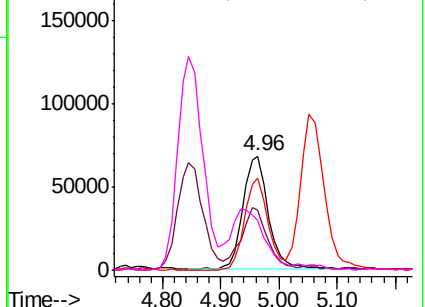
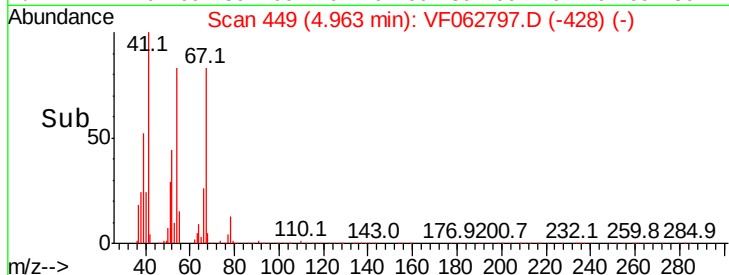


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 68.708 ug/l

RT: 5.15 min Scan# 468

Delta R.T. -0.00 min

Lab File: VF062797.D

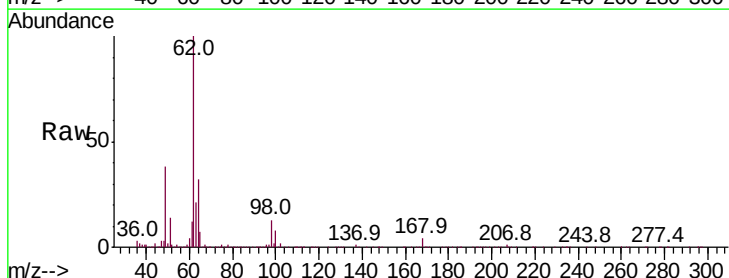
Acq: 30 May 2019 15:59

Tgt Ion: 62 Resp: 573957

Ion Ratio Lower Upper

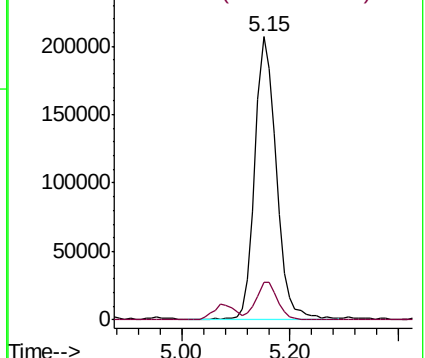
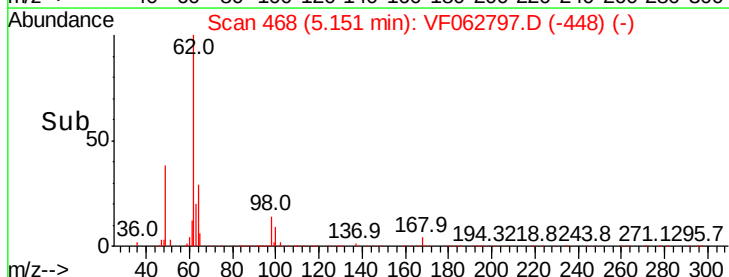
62 100

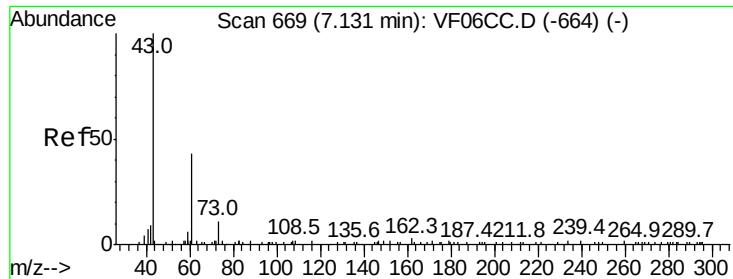
98 13.4 0.0 24.0



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 70.084 ug/l

RT: 7.13 min Scan# 669

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

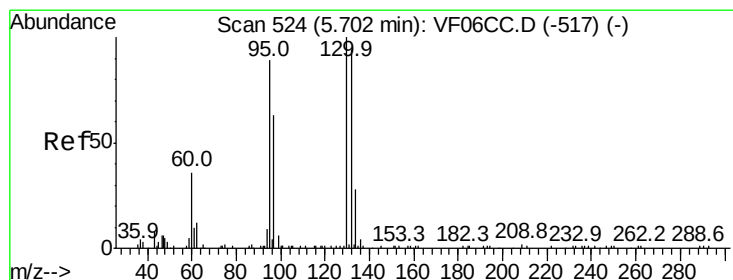
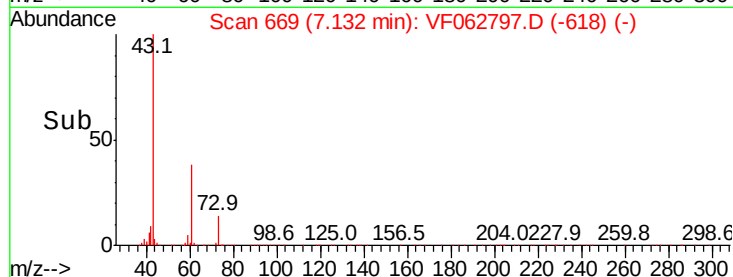
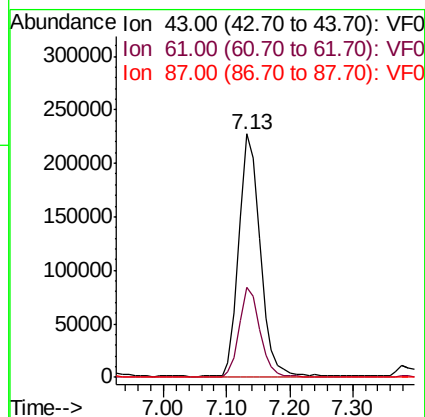
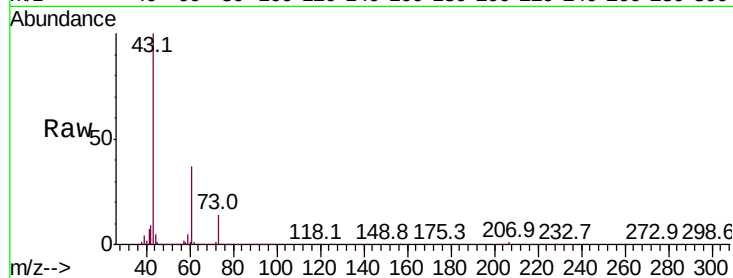
Tot Ion: 43 Resp: 533319

Ion Ratio Lower Upper

43 100

61 37.0 29.8 44.6

87 0.2 0.3 0.5#



#44

Trichloroethene

Concen: 65.387 ug/l

RT: 5.71 min Scan# 525

Delta R.T. 0.01 min

Lab File: VF062797.D

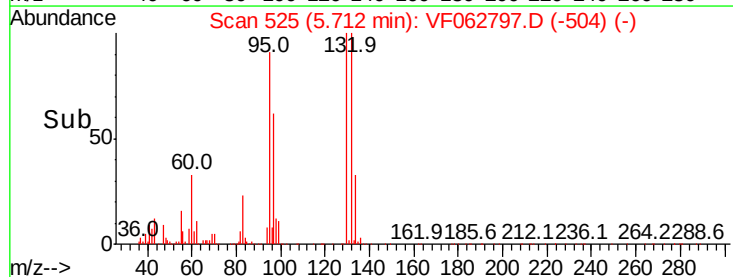
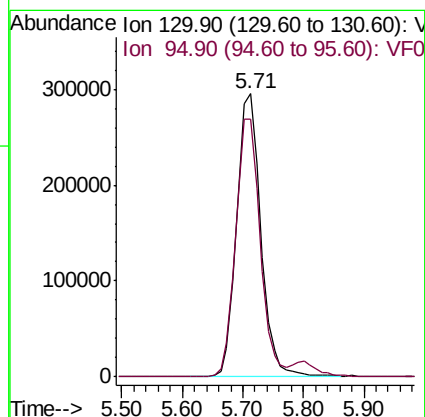
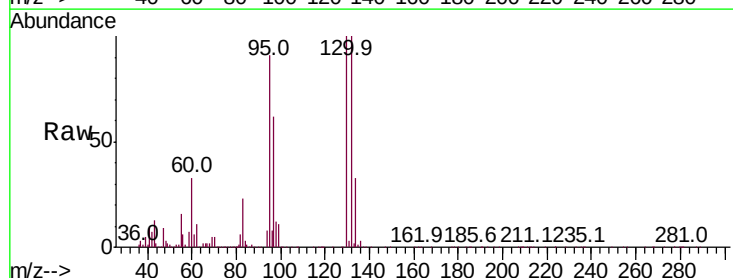
Acq: 30 May 2019 15:59

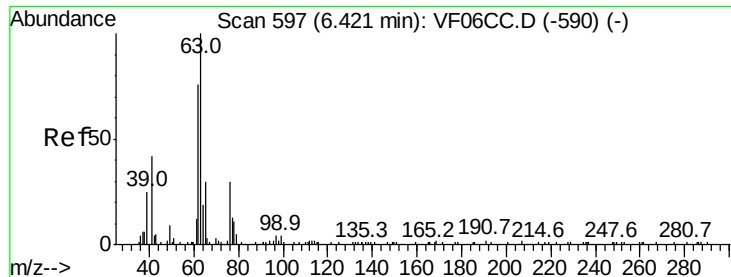
Tgt Ion:130 Resp: 823370

Ion Ratio Lower Upper

130 100

95 91.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 66.763 ug/l

RT: 6.43 min Scan# 598

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

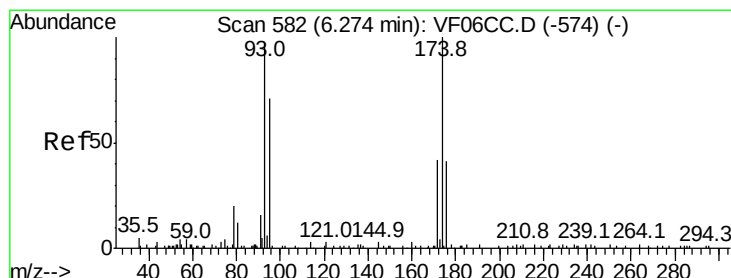
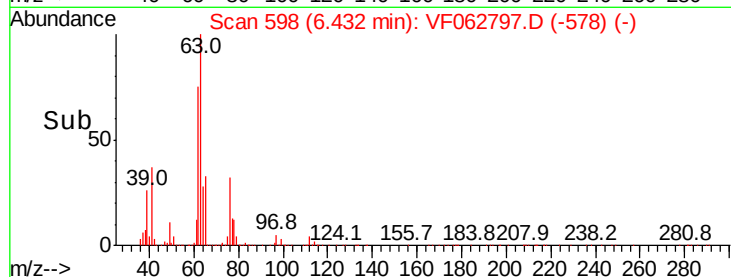
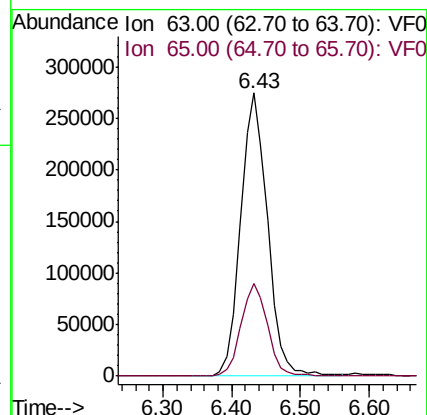
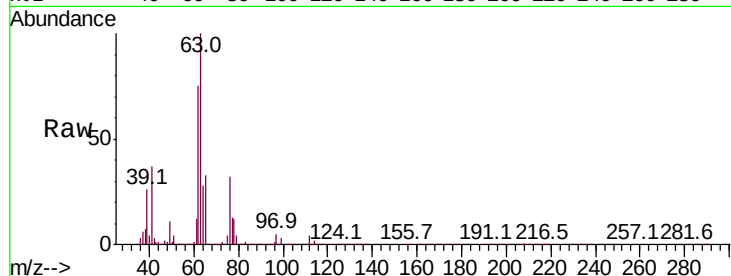
VSTDIC075

Tot Ion: 63 Resp: 738879

Ion Ratio Lower Upper

63 100

65 32.7 24.2 36.2



#46

Dibromomethane

Concen: 78.189 ug/l

RT: 6.28 min Scan# 583

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

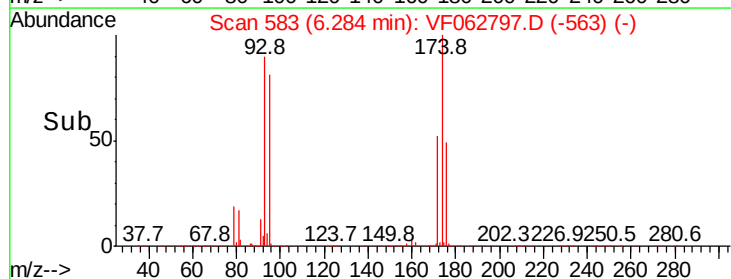
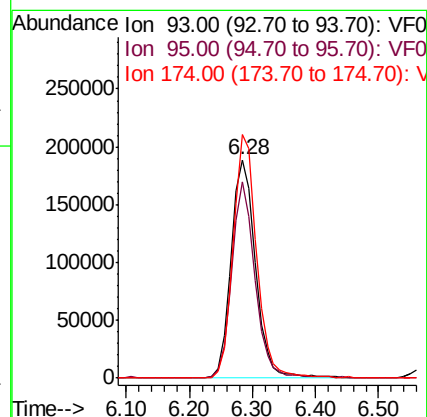
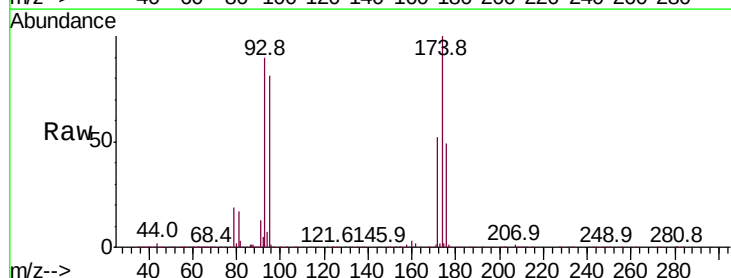
Tgt Ion: 93 Resp: 503036

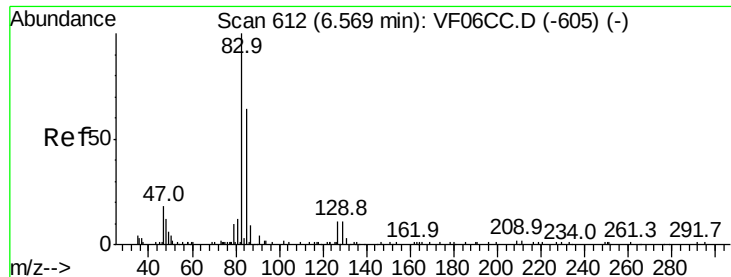
Ion Ratio Lower Upper

93 100

95 89.9 67.9 101.9

174 113.6 85.0 127.4





#47

Bromodichloromethane

Concen: 76.422 ug/l

RT: 6.58 min Scan# 613

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

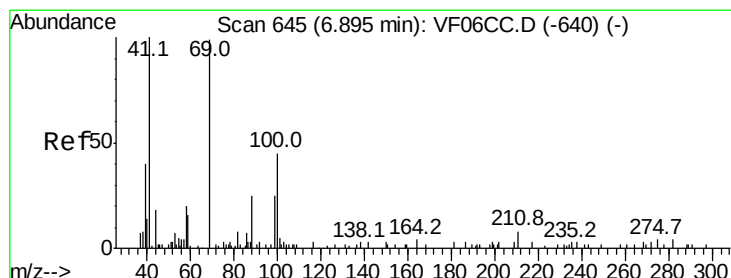
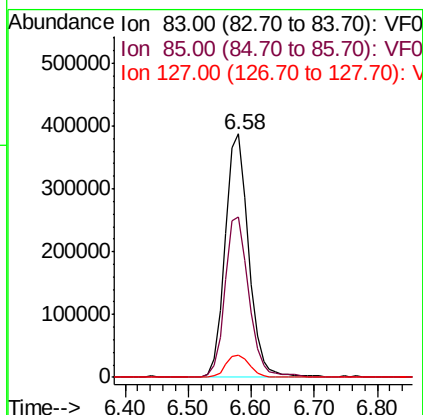
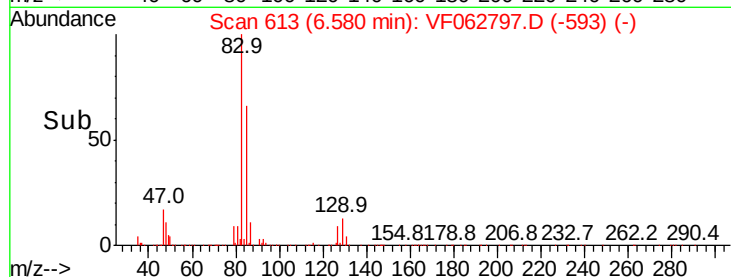
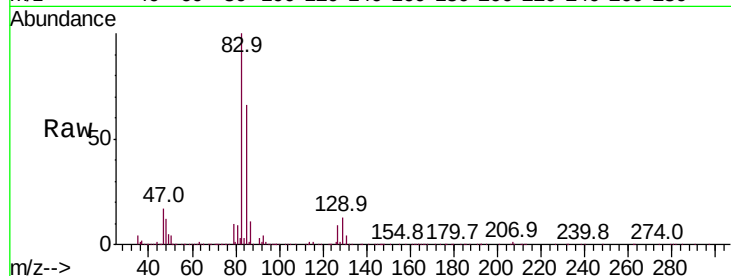
Tot Ion: 83 Resp: 1001639

Ion Ratio Lower Upper

83 100

85 66.1 54.2 81.4

127 9.4 7.0 10.4



#48

Methyl methacrylate

Concen: 73.529 ug/l

RT: 6.91 min Scan# 646

Delta R.T. 0.01 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

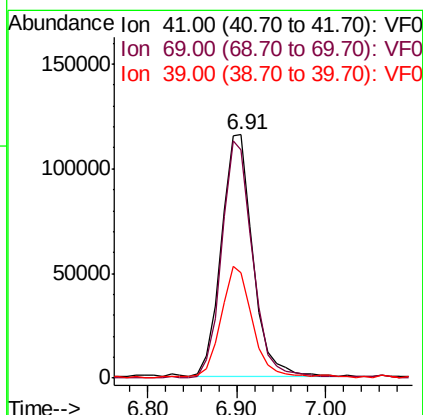
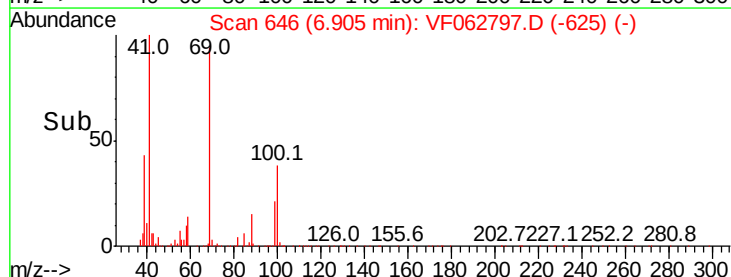
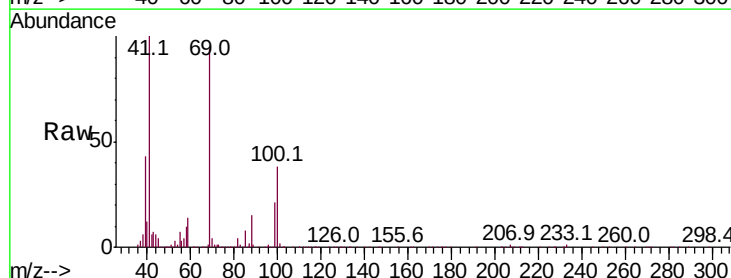
Tgt Ion: 41 Resp: 285231

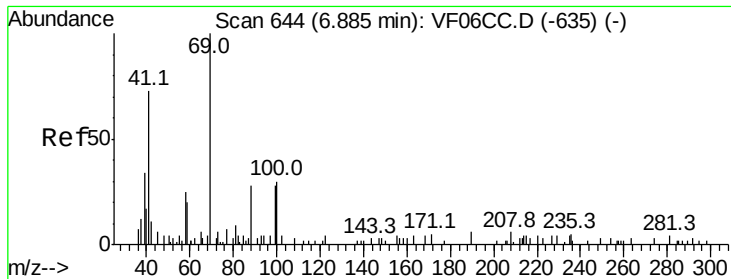
Ion Ratio Lower Upper

41 100

69 93.9 79.4 119.2

39 43.1 39.8 59.6





#49

1,4-Dioxane

Concen: 1579.525 ug/l

RT: 6.90 min Scan# 645

Delta R.T. 0.01 min

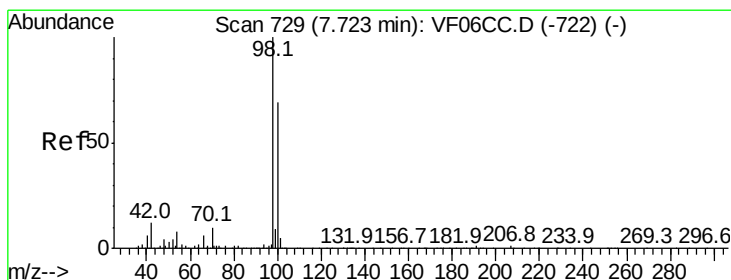
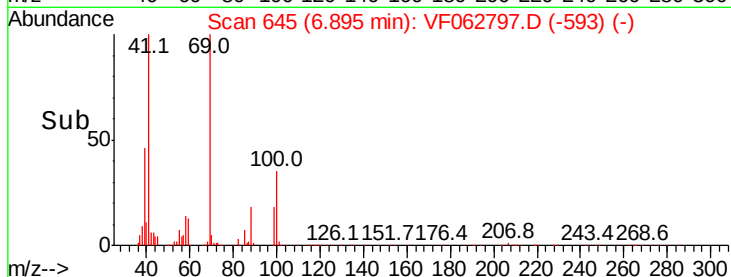
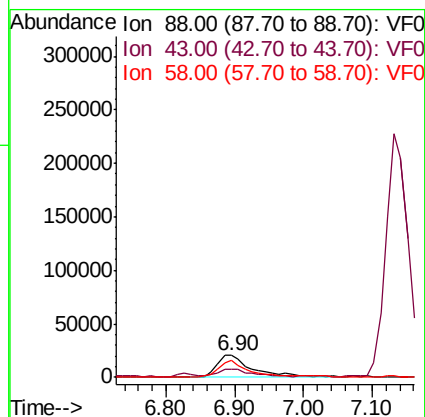
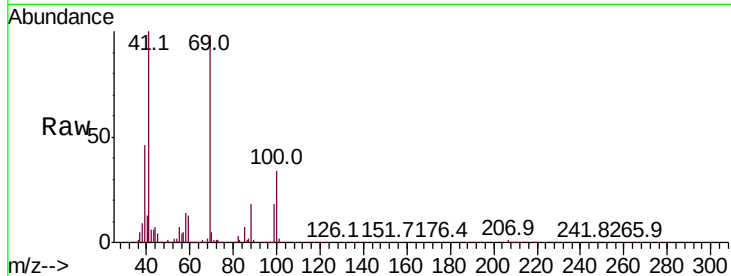
Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion: 88 Resp: 73901

Ion	Ratio	Lower	Upper
88	100		
43	34.6	34.8	52.2#
58	78.9	59.9	89.9



#50

Toluene-d8

Concen: 62.221 ug/l

RT: 7.73 min Scan# 730

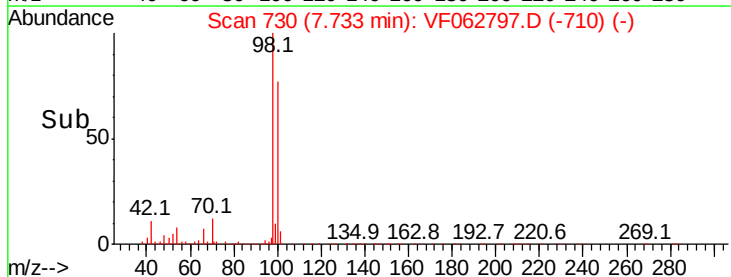
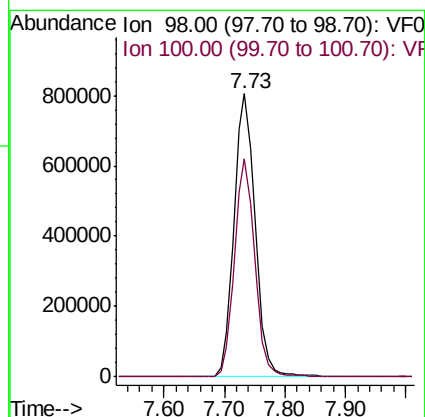
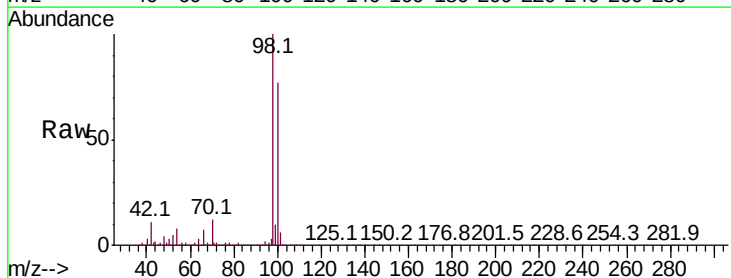
Delta R.T. -0.00 min

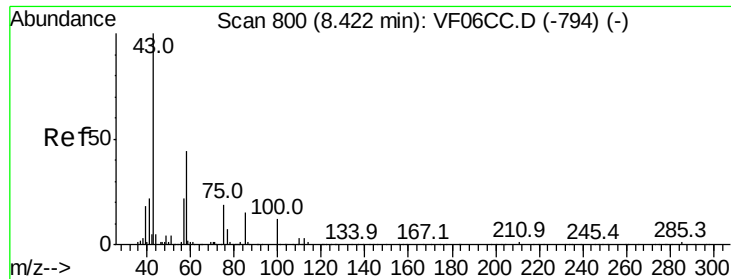
Lab File: VF062797.D

Acq: 30 May 2019 15:59

Tgt Ion: 98 Resp: 1960445

Ion	Ratio	Lower	Upper
98	100		
100	77.1	59.8	89.8





#51

4-Methyl-2-Pentanone

Concen: 295.777 ug/l

RT: 8.42 min Scan# 800

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

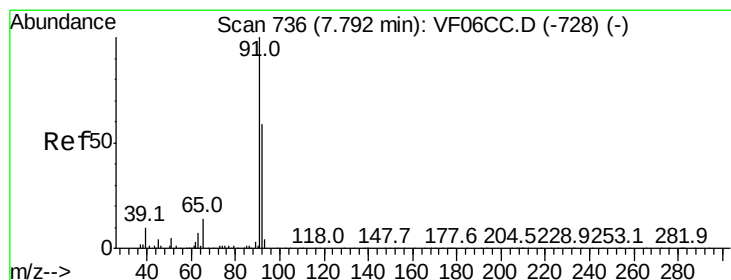
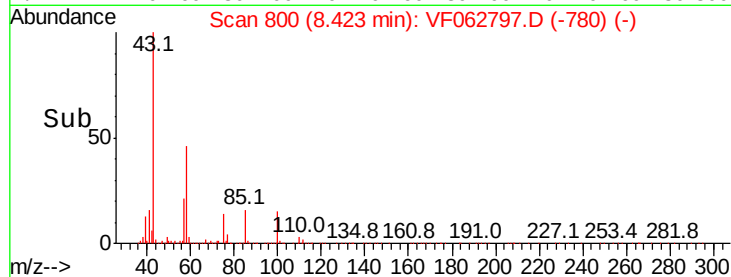
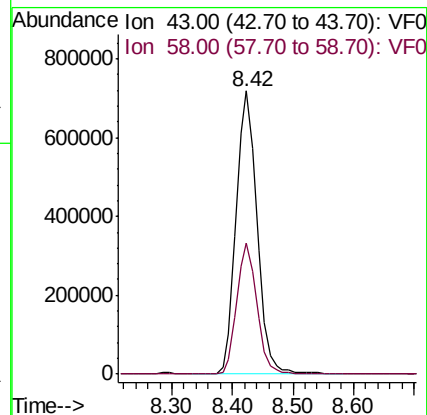
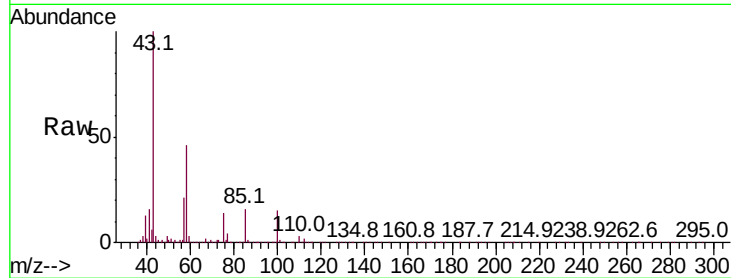
VSTDIC075

Tot Ion: 43 Resp: 1731244

Ion Ratio Lower Upper

43 100

58 46.3 35.5 53.3



#52

Toluene

Concen: 67.771 ug/l

RT: 7.80 min Scan# 737

Delta R.T. -0.00 min

Lab File: VF062797.D

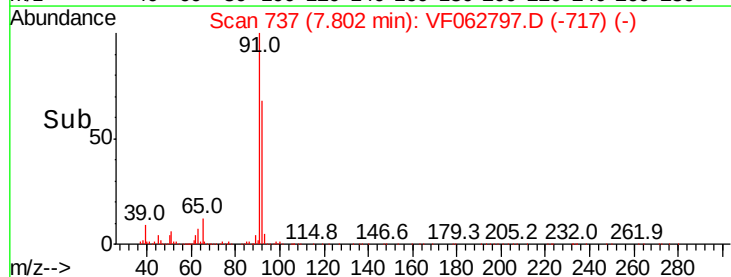
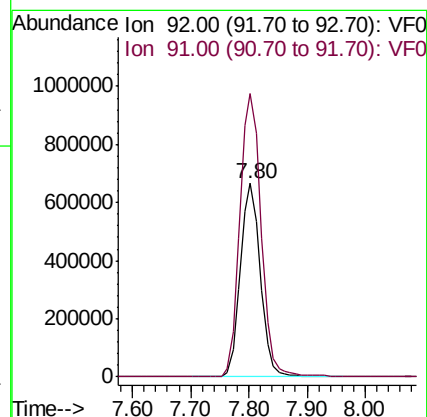
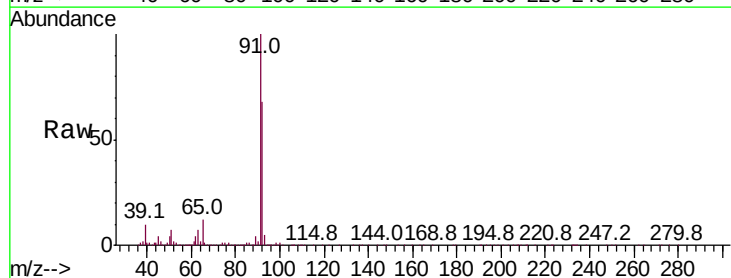
Acq: 30 May 2019 15:59

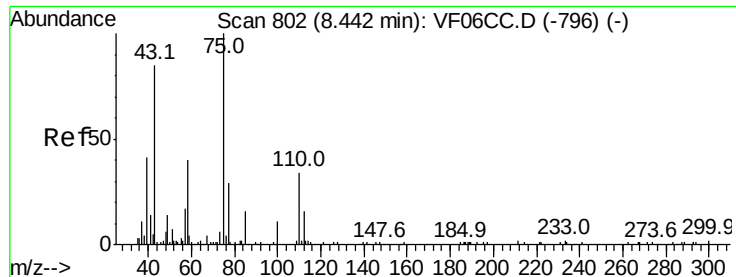
Tgt Ion: 92 Resp: 1594278

Ion Ratio Lower Upper

92 100

91 146.1 123.2 184.8





#53

t-1,3-Dichloropropene

Concen: 69.698 ug/l

RT: 8.44 min Scan# 802

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

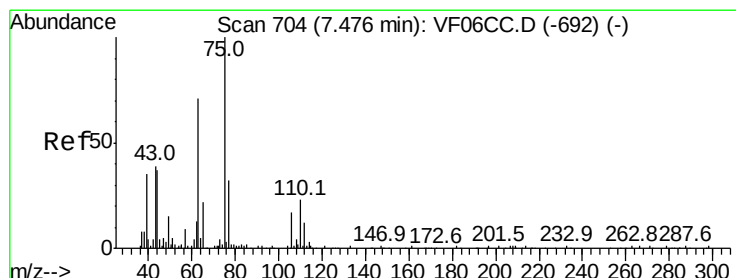
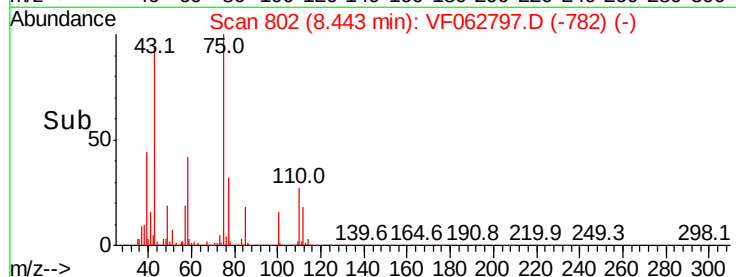
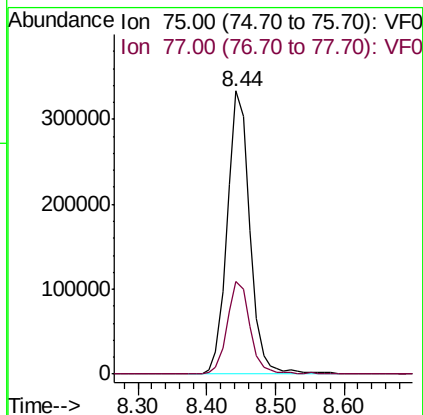
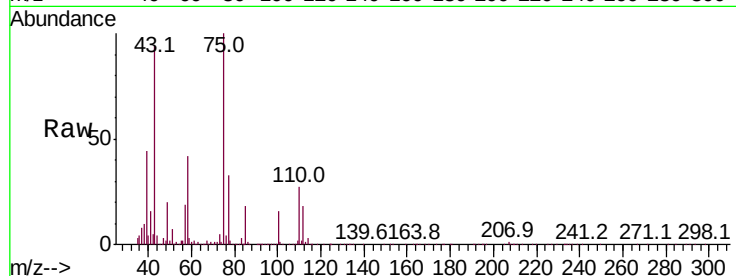
VSTDIC075

Tot Ion: 75 Resp: 756212

Ion Ratio Lower Upper

75 100

77 32.6 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 69.011 ug/l

RT: 7.48 min Scan# 704

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

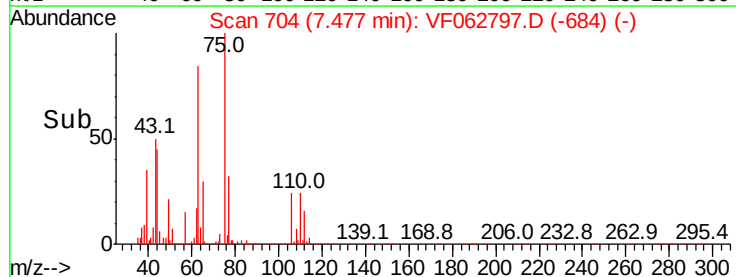
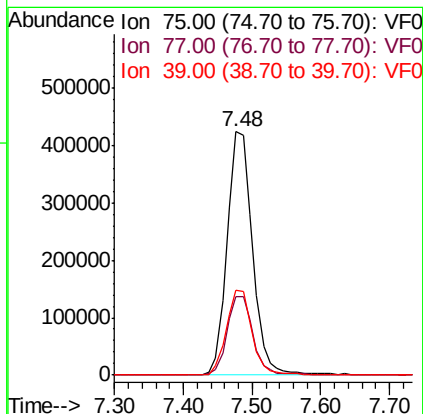
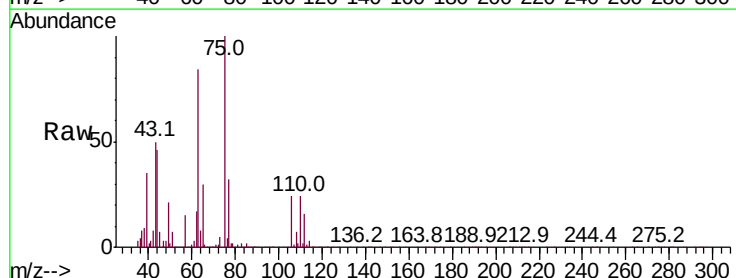
Tgt Ion: 75 Resp: 1083739

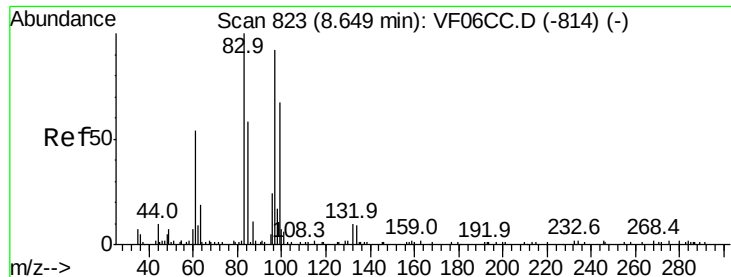
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.8

39 35.1 28.4 42.6





#55

1,1,2-Trichloroethane

Concen: 68.421 ug/l

RT: 8.66 min Scan# 824

Delta R.T. 0.01 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 97 Resp: 492715

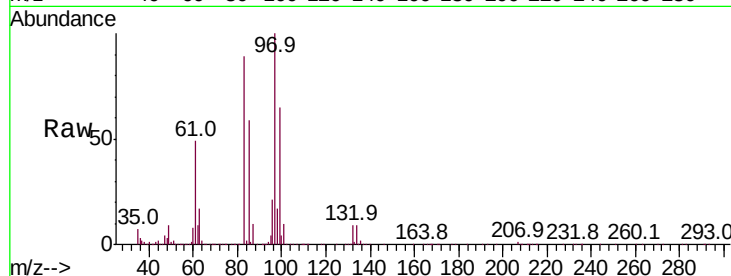
Ion Ratio Lower Upper

97 100

83 89.0 72.0 108.0

85 59.2 47.5 71.3

99 65.0 54.1 81.1

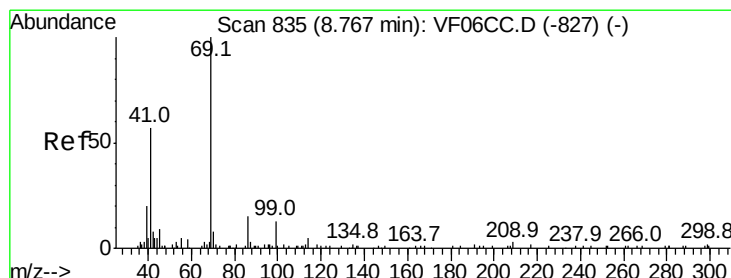
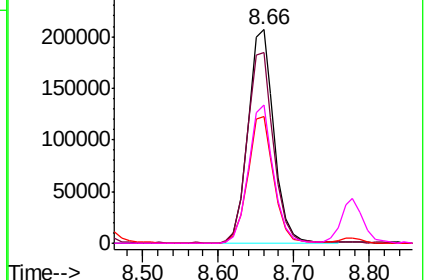
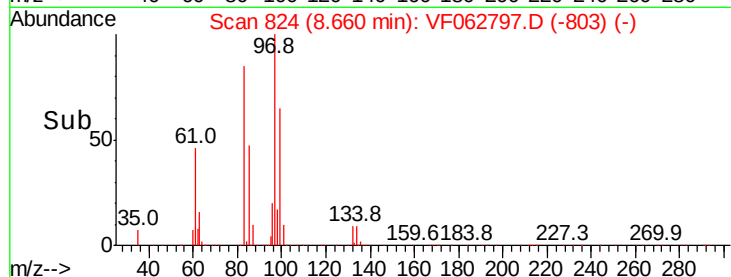


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 73.795 ug/l

RT: 8.78 min Scan# 836

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

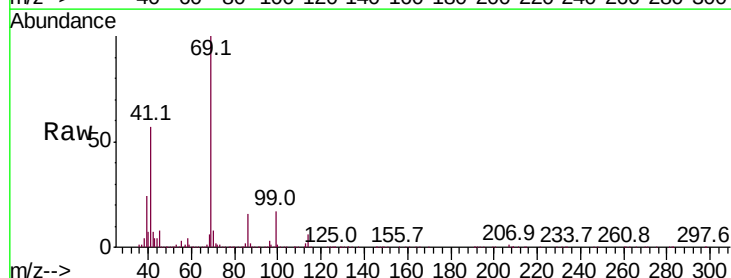
Tgt Ion: 69 Resp: 545129

Ion Ratio Lower Upper

69 100

41 57.2 46.6 69.8

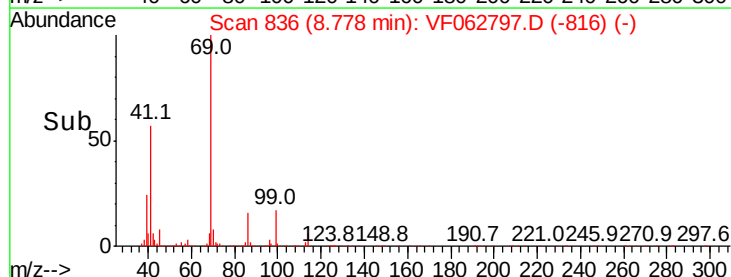
39 24.3 19.6 29.4



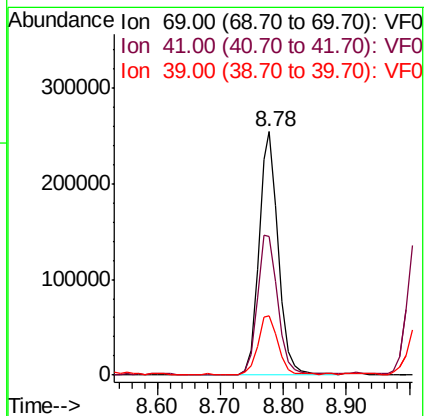
Abundance Ion 69.00 (68.70 to 69.70): VF0

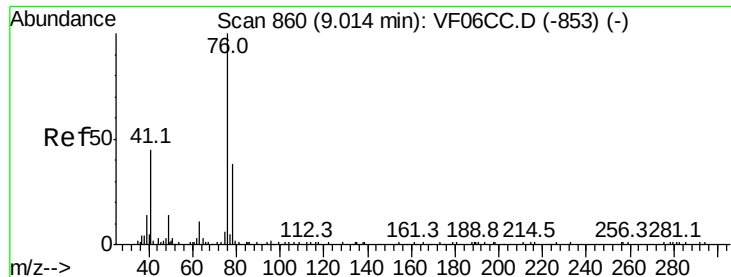
Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



Time-->





#57

1,3-Dichloropropane

Concen: 68.330 ug/l

RT: 9.01 min Scan# 860

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

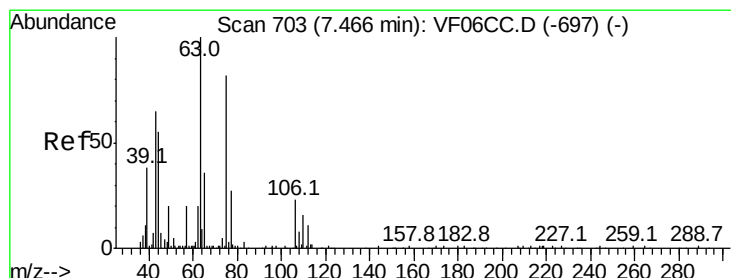
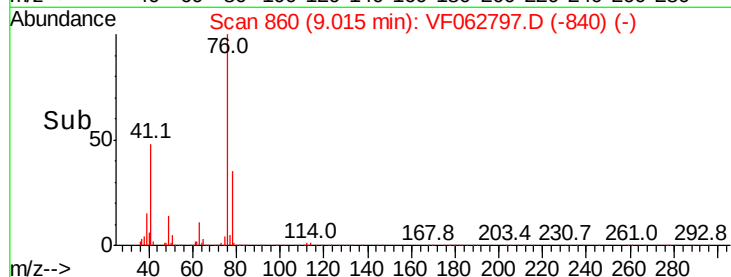
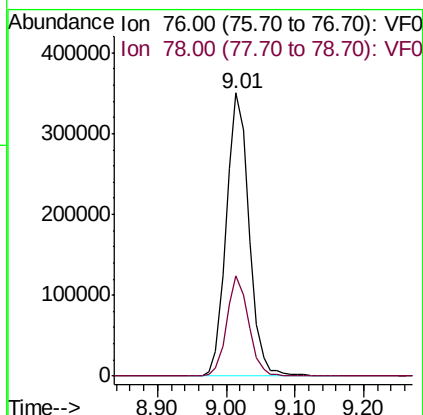
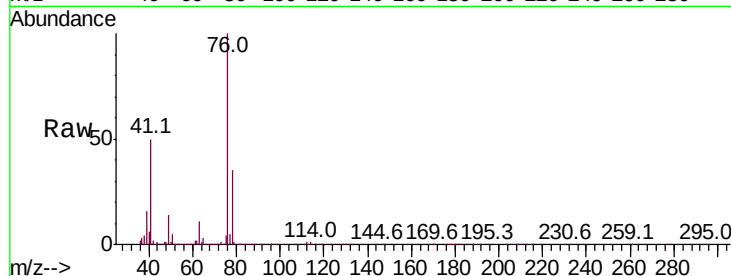
VSTDIC075

Tot Ion: 76 Resp: 800571

Ion Ratio Lower Upper

76 100

78 35.4 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 338.631 ug/l

RT: 7.47 min Scan# 703

Delta R.T. -0.00 min

Lab File: VF062797.D

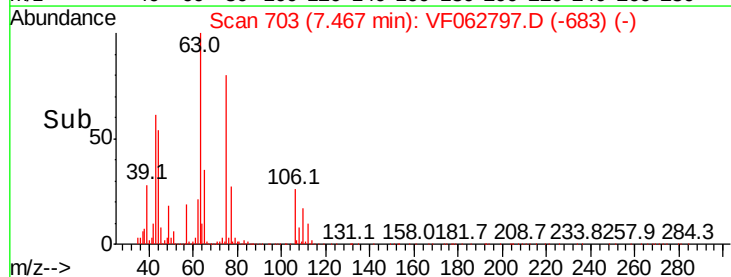
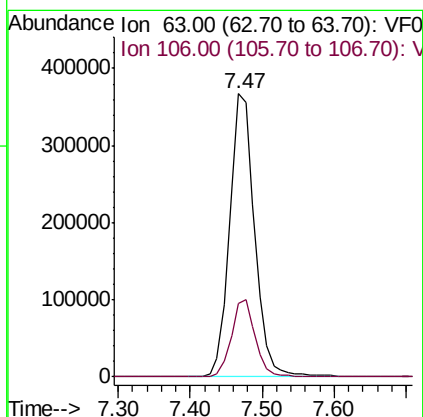
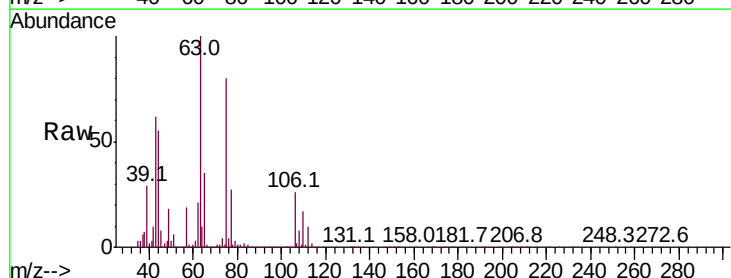
Acq: 30 May 2019 15:59

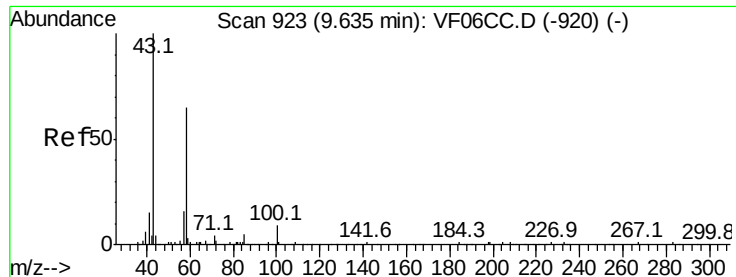
Tgt Ion: 63 Resp: 885894

Ion Ratio Lower Upper

63 100

106 25.9 19.5 29.3

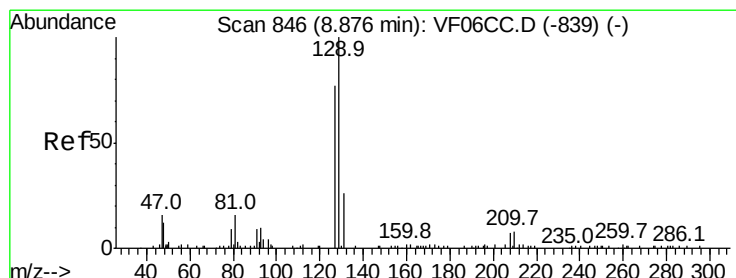
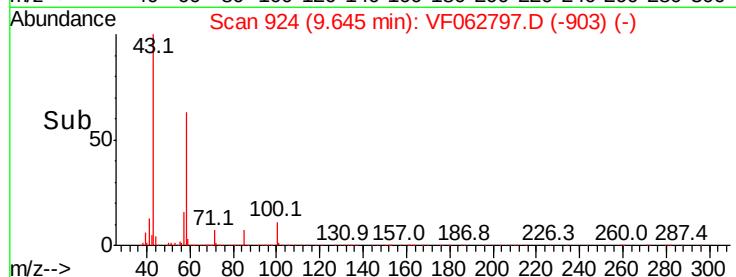
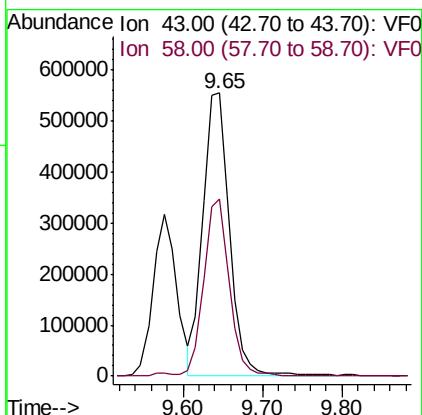
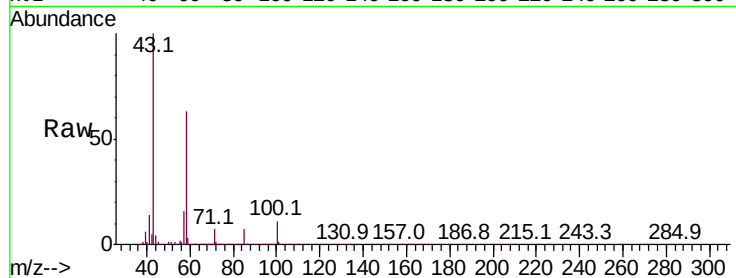




#59
2-Hexanone
Concen: 313.540 ug/l
RT: 9.65 min Scan# 924
Delta R.T. 0.01 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

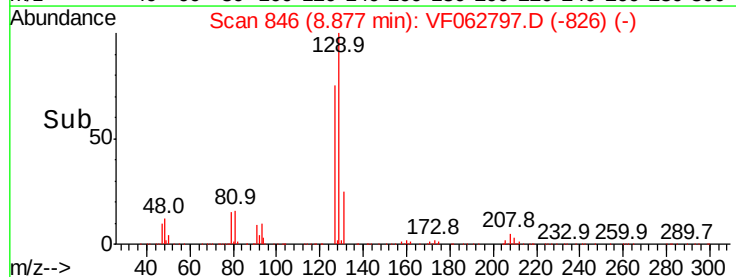
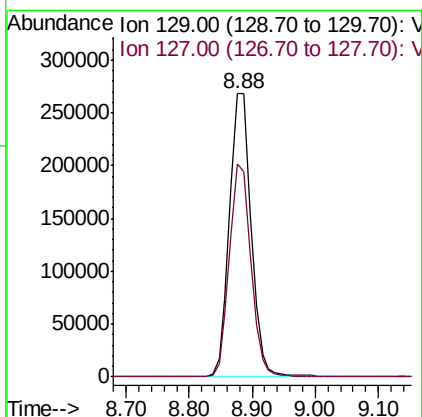
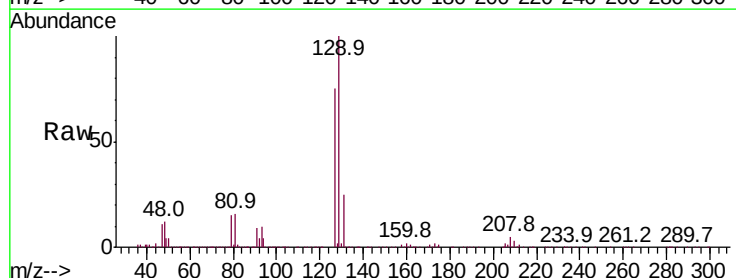
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

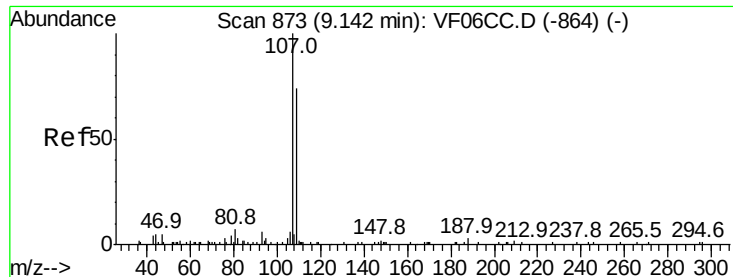
Tot Ion: 43 Resp: 1284037
Ion Ratio Lower Upper
43 100
58 62.7 29.3 87.9



#60
Dibromochloromethane
Concen: 73.259 ug/l
RT: 8.88 min Scan# 846
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Tgt Ion: 129 Resp: 636378
Ion Ratio Lower Upper
129 100
127 75.1 37.1 111.3





#61

1,2-Dibromoethane

Concen: 73.521 ug/l

RT: 9.15 min Scan# 874

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

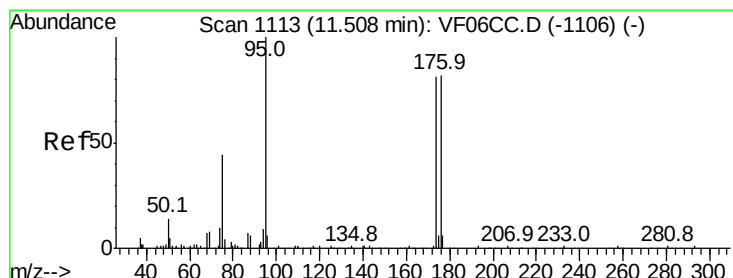
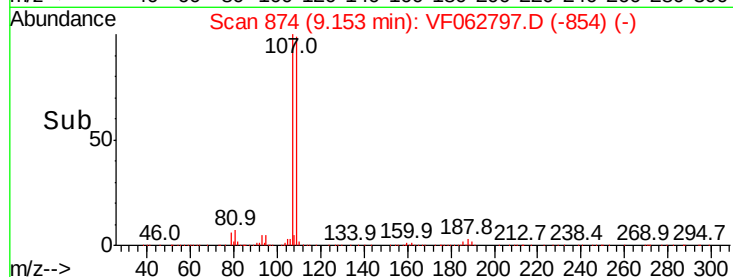
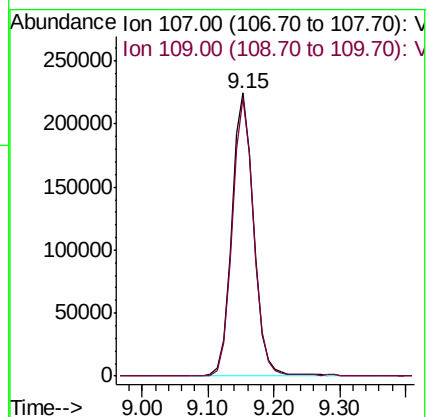
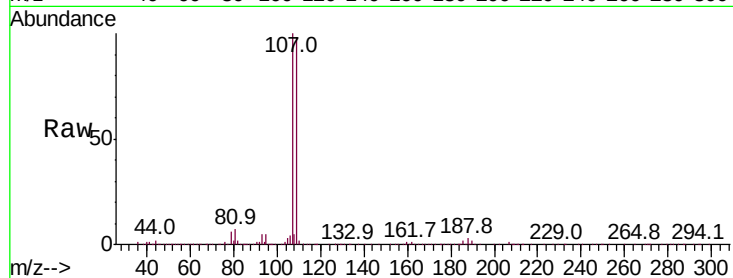
VSTDIC075

Tot Ion:107 Resp: 522862

Ion Ratio Lower Upper

107 100

109 98.5 78.1 117.1



#62

4-Bromofluorobenzene

Concen: 70.641 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

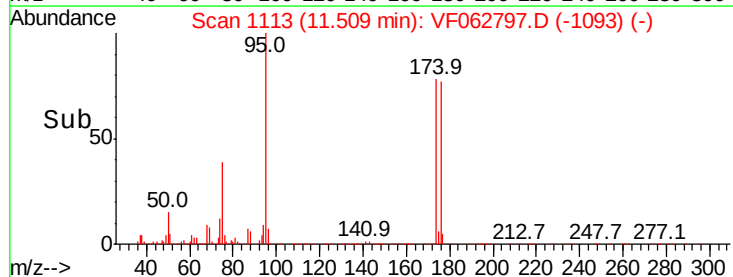
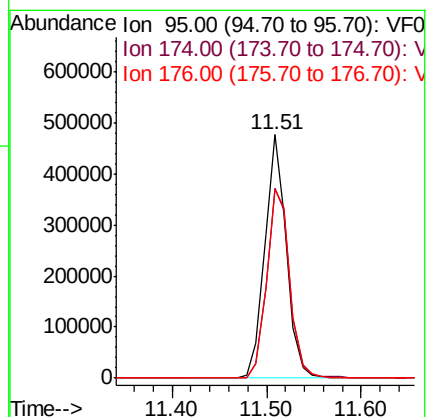
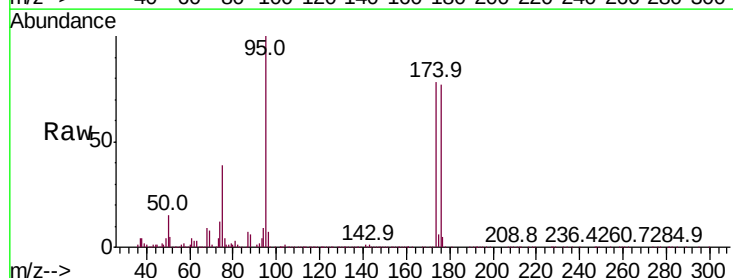
Tgt Ion: 95 Resp: 761267

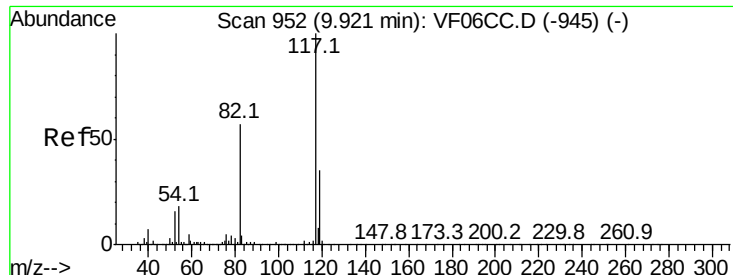
Ion Ratio Lower Upper

95 100

174 78.1 0.0 170.6

176 77.5 0.0 170.6

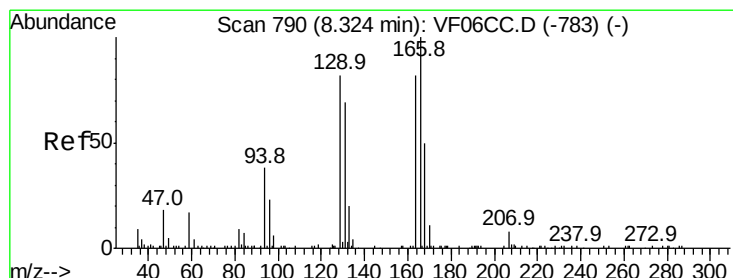
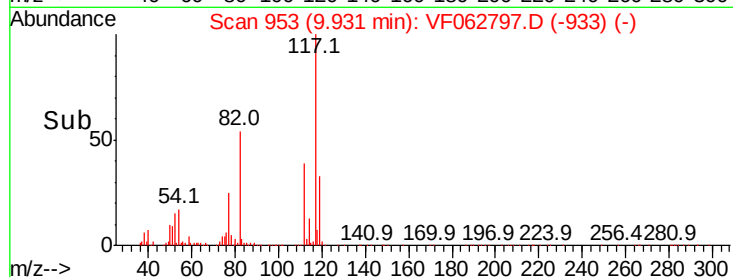
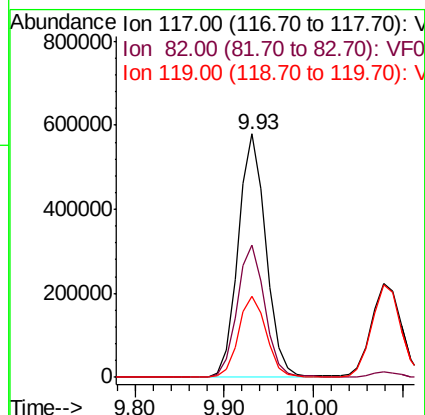
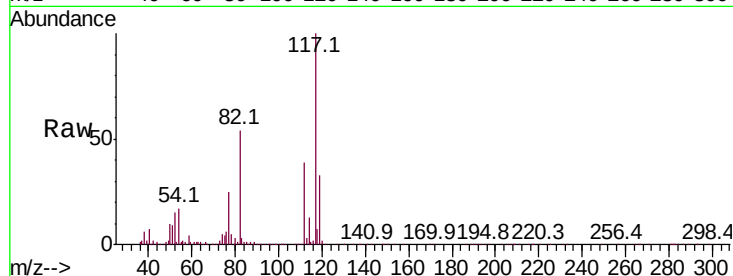




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

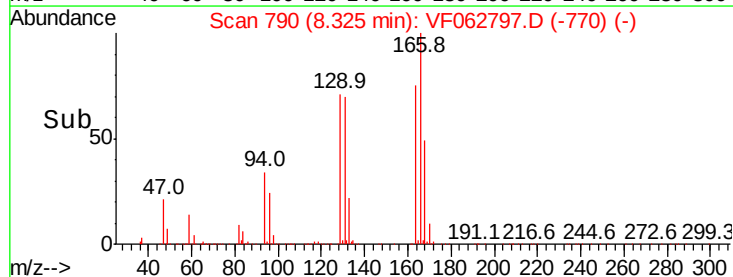
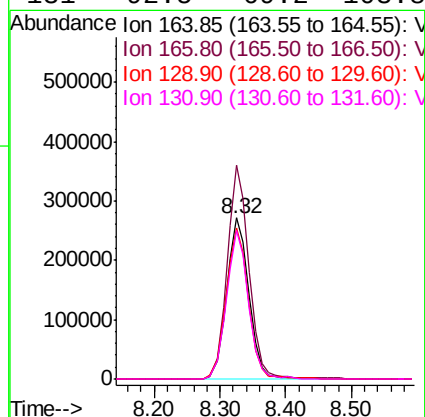
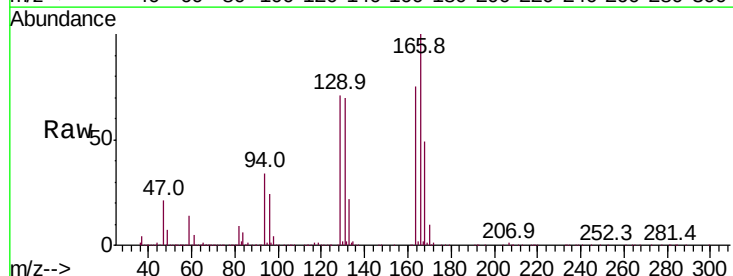
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

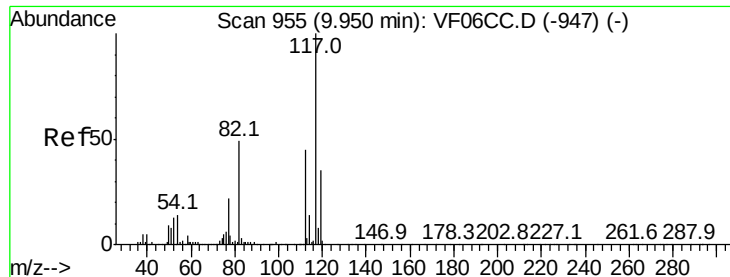
Tot Ion:117 Resp: 1263713
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 33.5 27.1 40.7



#64
Tetrachloroethene
Concen: 60.810 ug/l
RT: 8.32 min Scan# 790
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Tgt Ion:164 Resp: 641198
Ion Ratio Lower Upper
164 100
166 132.9 99.1 148.7
129 93.8 69.5 104.3
131 92.5 69.2 103.8

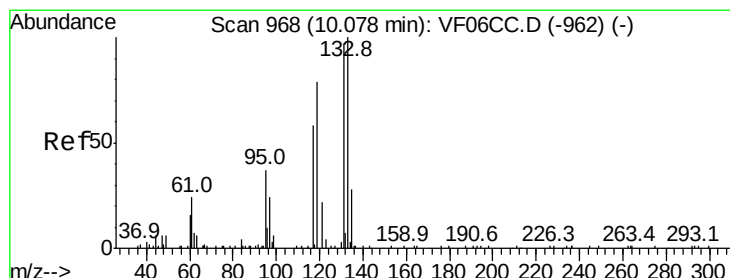
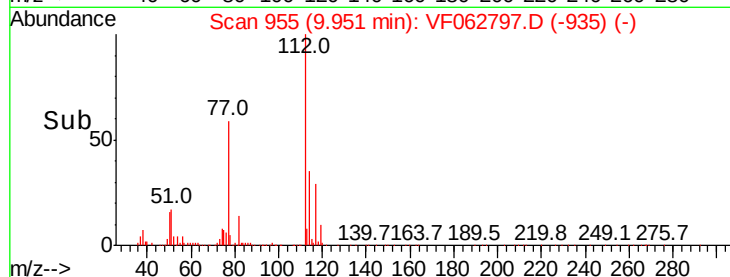
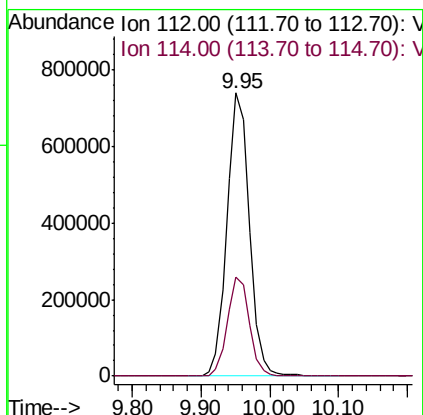
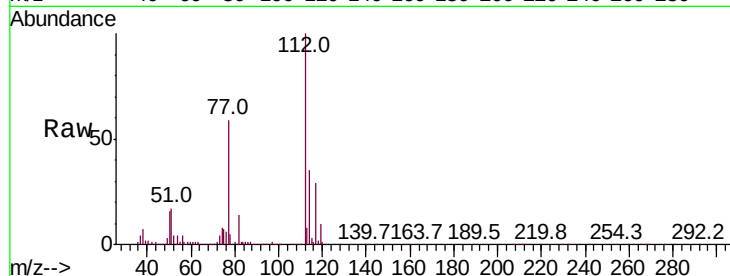




#65
Chlorobenzene
Concen: 65.215 ug/l
RT: 9.95 min Scan# 955
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

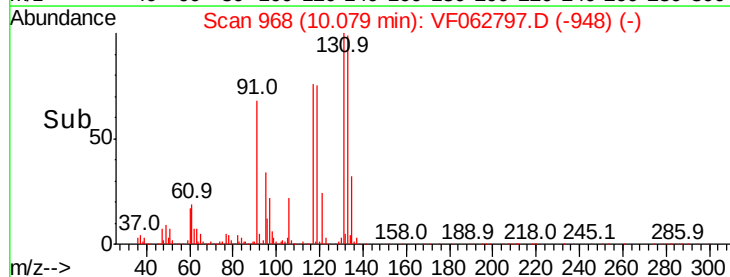
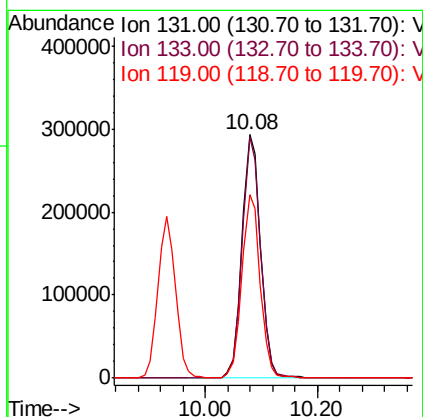
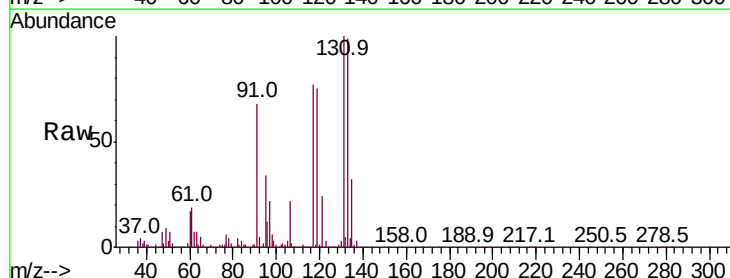
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

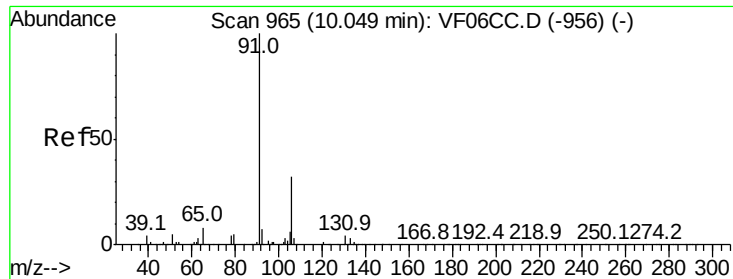
Tot Ion:112 Resp: 1671144
Ion Ratio Lower Upper
112 100
114 35.0 27.4 41.0



#66
1,1,1,2-Tetrachloroethane
Concen: 67.262 ug/l
RT: 10.08 min Scan# 968
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Tgt Ion:131 Resp: 673285
Ion Ratio Lower Upper
131 100
133 99.1 48.9 146.7
119 75.3 38.0 114.0

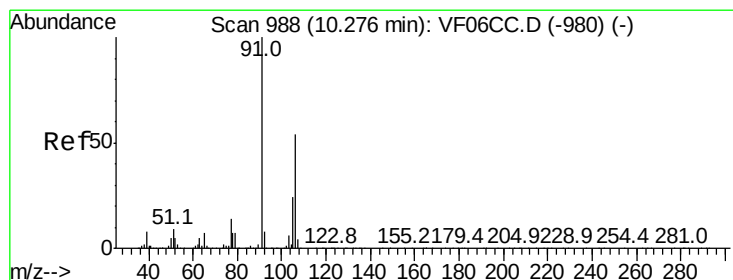
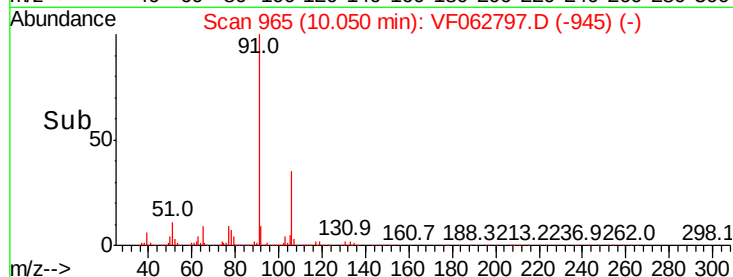
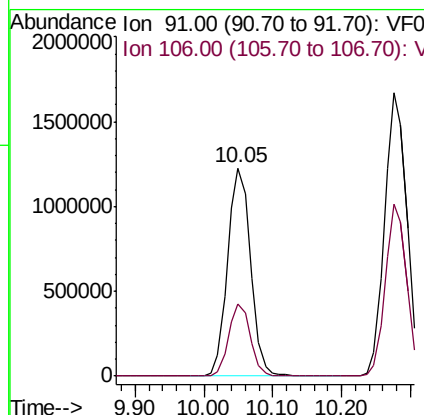
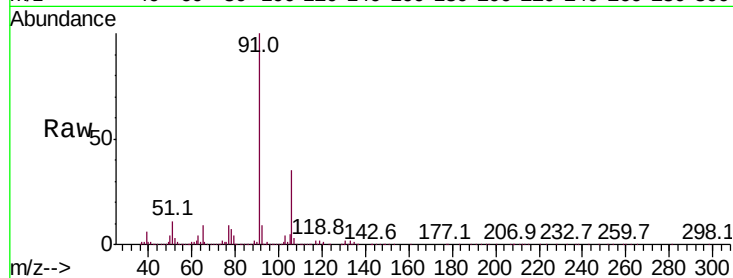




#67
Ethyl Benzene
Concen: 63.531 ug/l
RT: 10.05 min Scan# 965
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

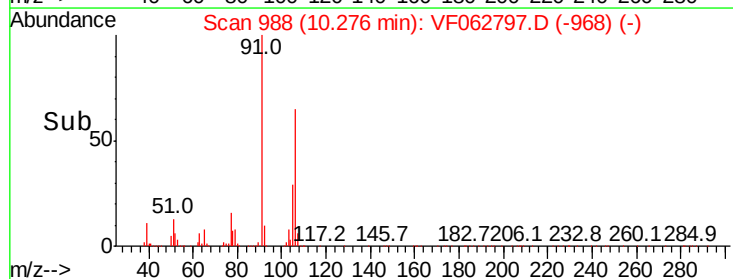
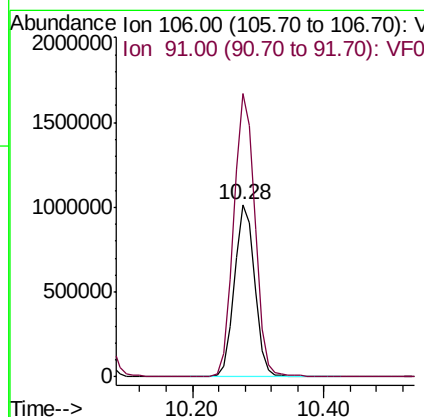
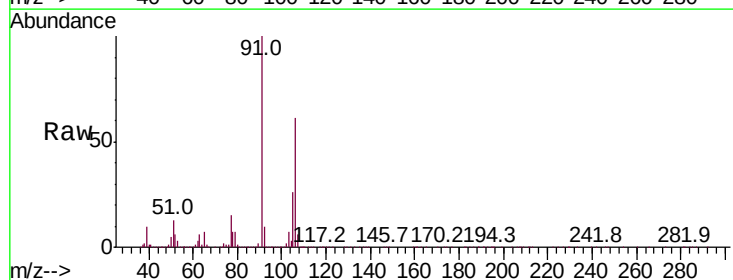
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

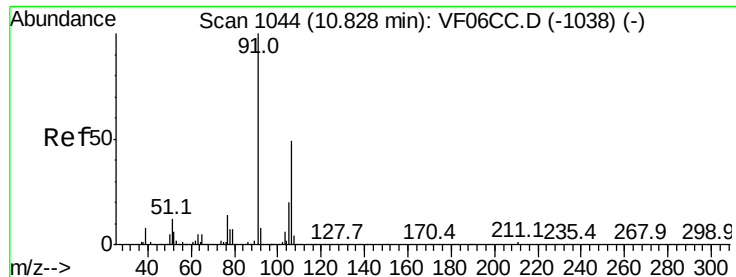
Tot Ion: 91 Resp: 2837649
Ion Ratio Lower Upper
91 100
106 35.0 26.0 39.0



#68
m/p-Xylenes
Concen: 132.323 ug/l
RT: 10.28 min Scan# 988
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Tgt Ion: 106 Resp: 2205089
Ion Ratio Lower Upper
106 100
91 164.0 136.2 204.4

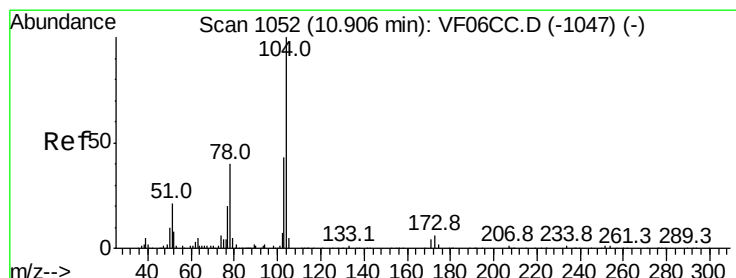
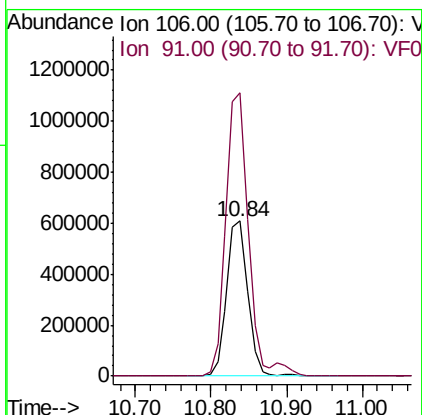
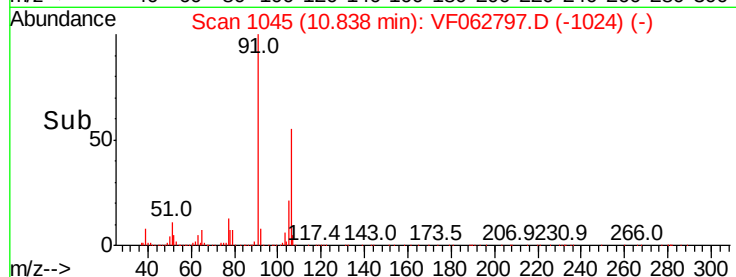
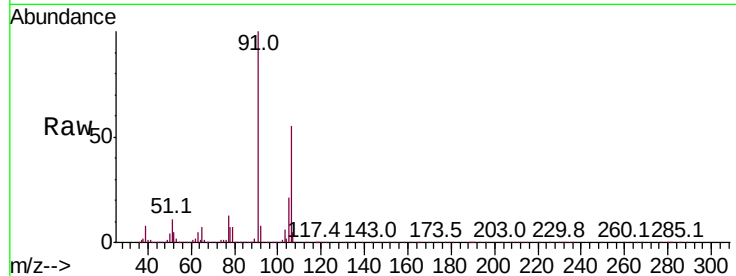




#69
o-Xylene
Concen: 69.655 ug/l
RT: 10.84 min Scan# 1045
Delta R.T. 0.01 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

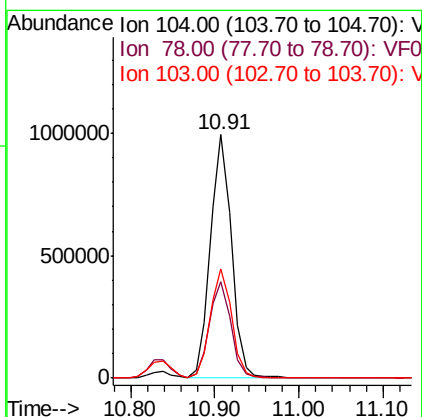
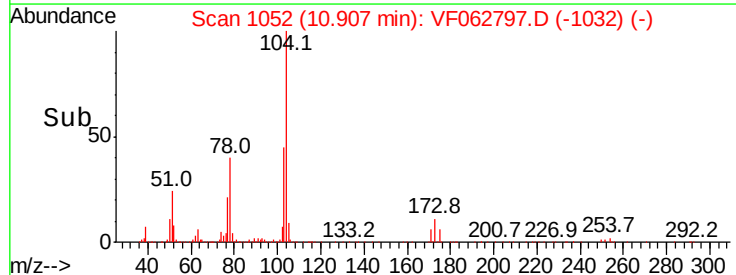
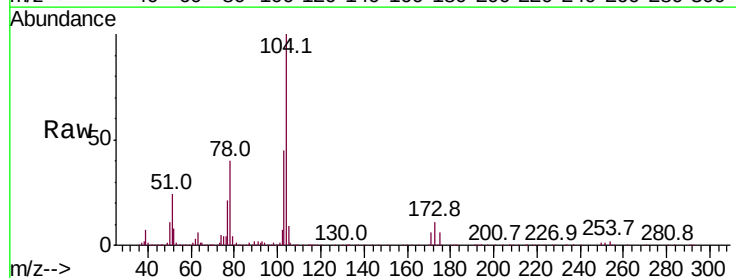
Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

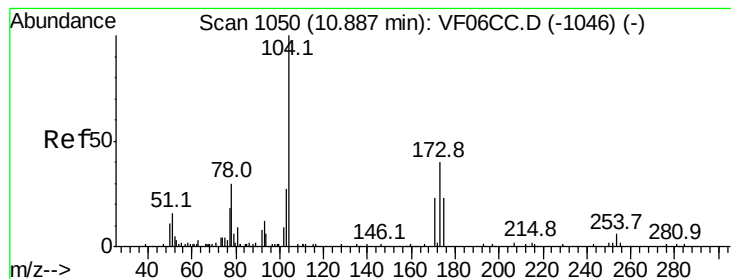
Tot Ion:106 Resp: 1176622
Ion Ratio Lower Upper
106 100
91 182.7 96.6 289.8



#70
Styrene
Concen: 69.809 ug/l
RT: 10.91 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Tgt Ion:104 Resp: 1733851
Ion Ratio Lower Upper
104 100
78 39.6 30.8 46.2
103 45.0 35.8 53.6





#71

Bromoform

Concen: 74.237 ug/l

RT: 10.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

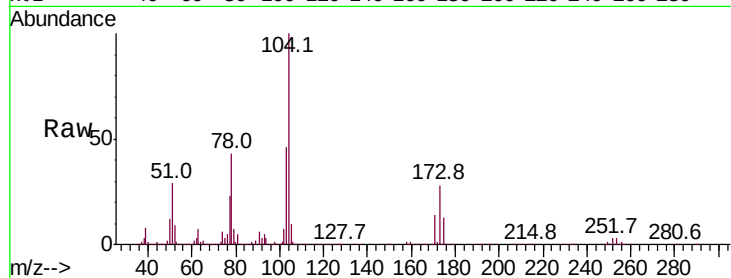
Tot Ion:173 Resp: 361296

Ion Ratio Lower Upper

173 100

175 47.7 24.6 74.0

254 0.1 0.1 0.1

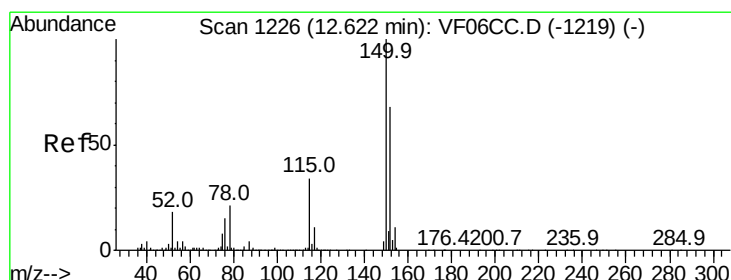
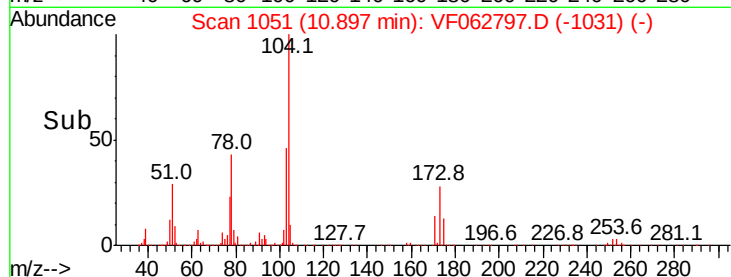
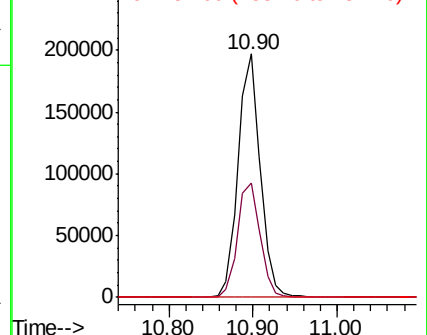


Abundance

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: VF062797.D

Acq: 30 May 2019 15:59

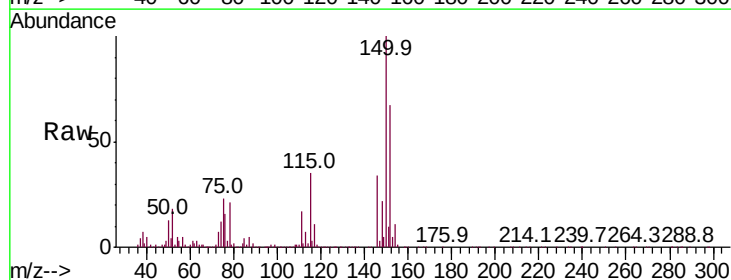
Tgt Ion:152 Resp: 589671

Ion Ratio Lower Upper

152 100

115 51.9 24.6 74.0

150 149.0 0.0 290.6

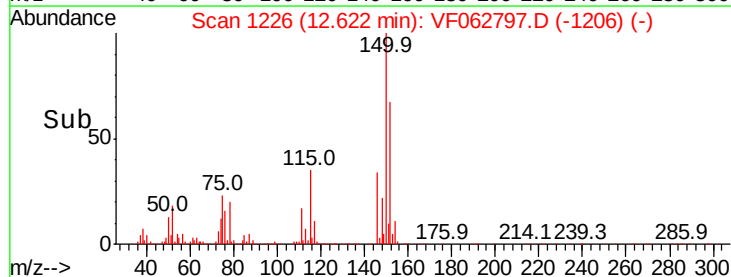
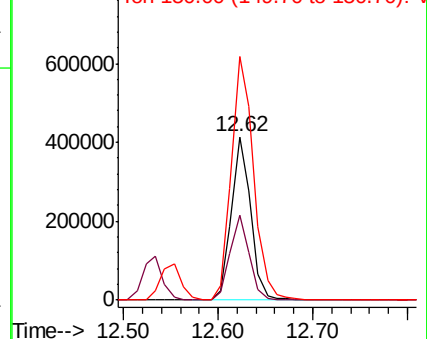


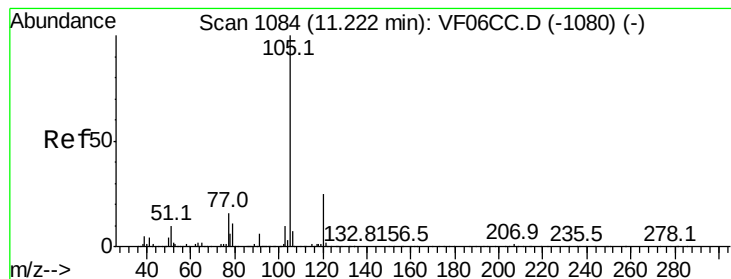
Abundance

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: 62.404 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

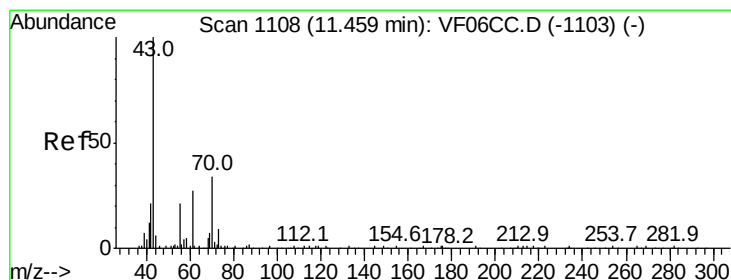
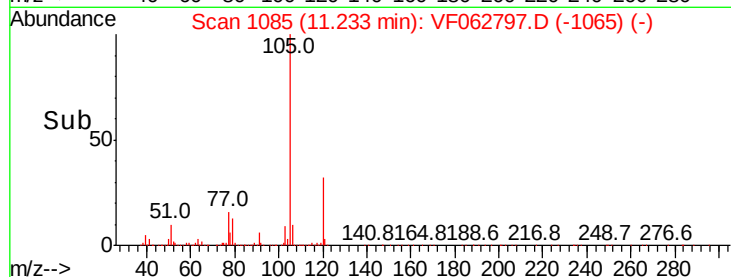
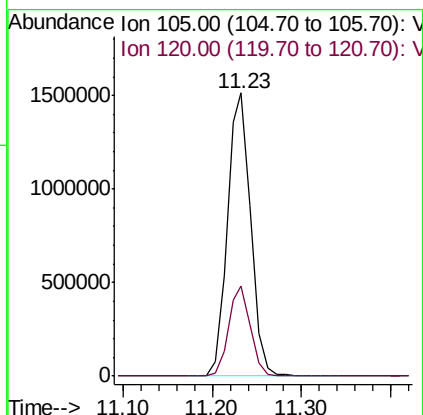
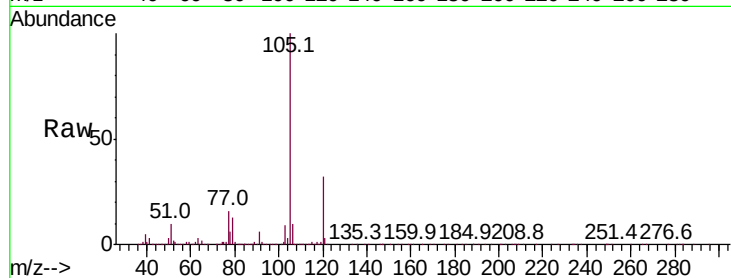
VSTDIC075

Tot Ion:105 Resp: 2783846

Ion Ratio Lower Upper

105 100

120 31.9 15.1 45.3



#74

N-ethyl acetate

Concen: 63.799 ug/l

RT: 11.46 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Tgt Ion: 43 Resp: 807420

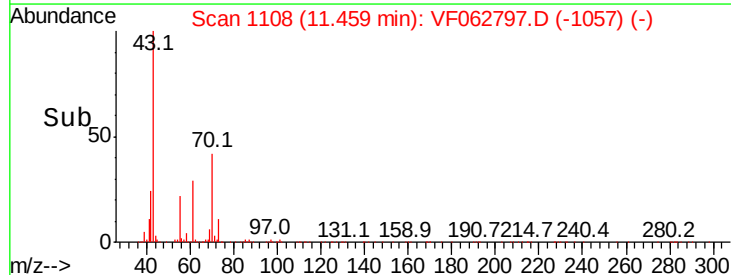
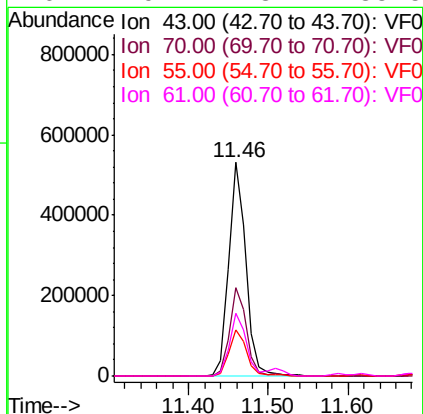
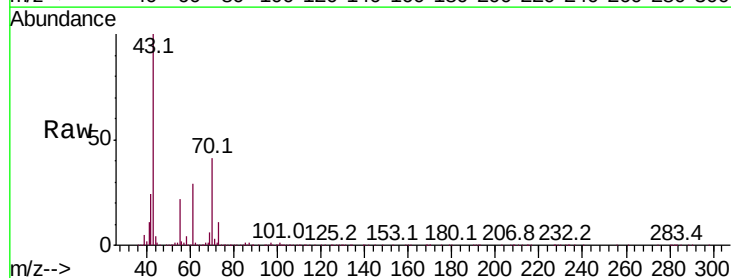
Ion Ratio Lower Upper

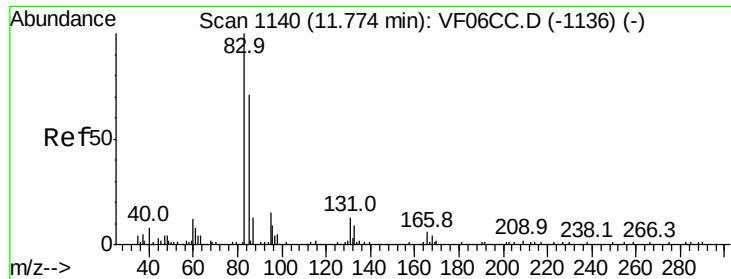
43 100

70 41.5 32.9 49.3

55 21.9 17.3 25.9

61 29.2 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 62.798 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

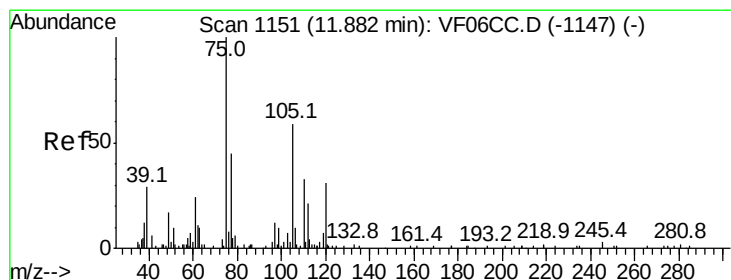
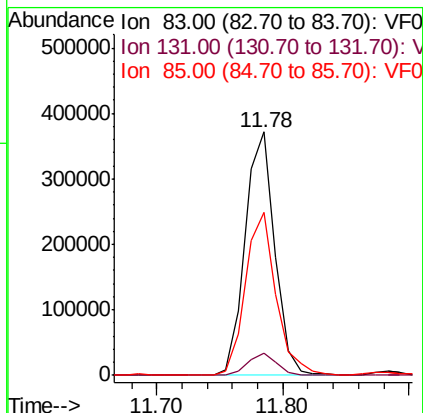
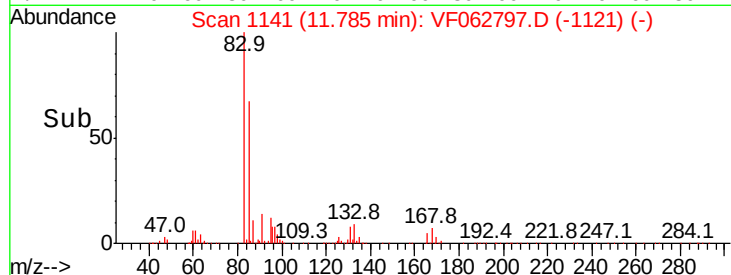
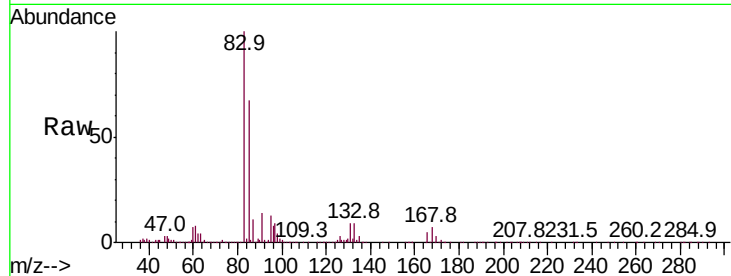
Tot Ion: 83 Resp: 605329

Ion Ratio Lower Upper

83 100

131 9.0 4.9 14.7

85 66.8 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 64.856 ug/l

RT: 11.88 min Scan# 1151

Delta R.T. -0.00 min

Lab File: VF062797.D

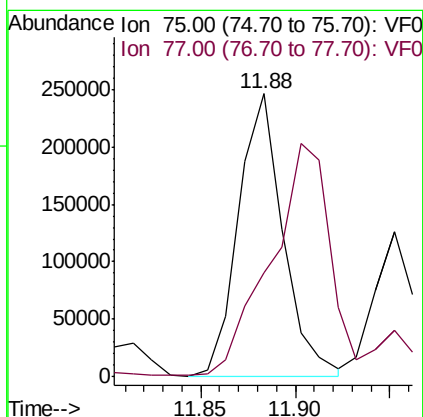
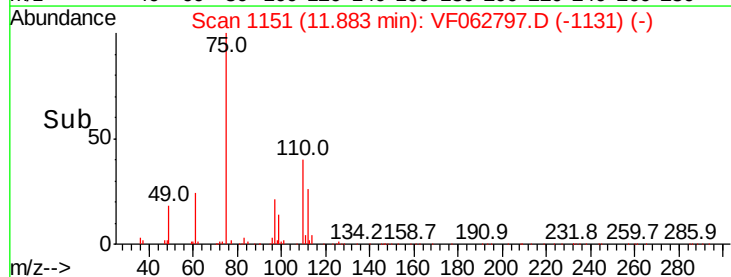
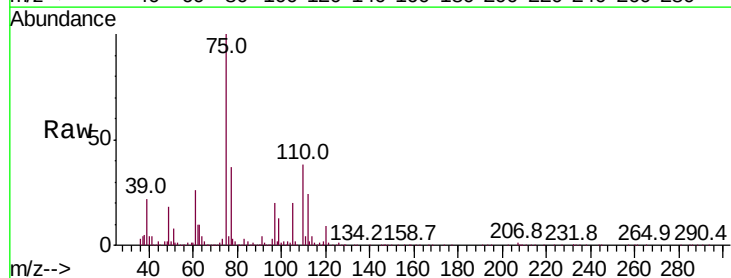
Acq: 30 May 2019 15:59

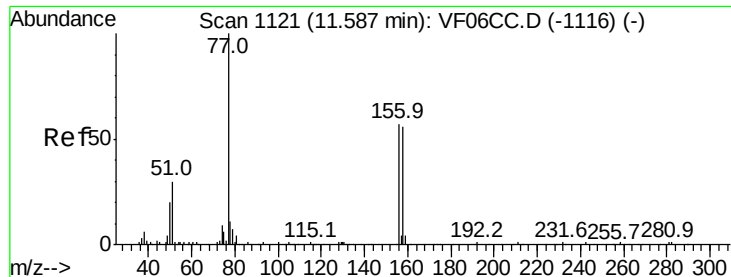
Tgt Ion: 75 Resp: 402085

Ion Ratio Lower Upper

75 100

77 36.7 20.1 60.2





#77

Bromobenzene

Concen: 69.538 ug/l

RT: 11.60 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

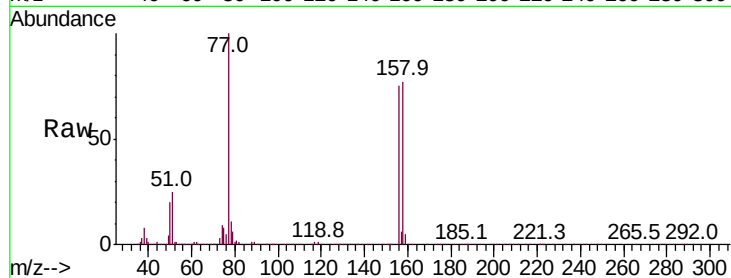
Tot Ion:156 Resp: 759718

Ion Ratio Lower Upper

156 100

77 134.0 64.2 192.6

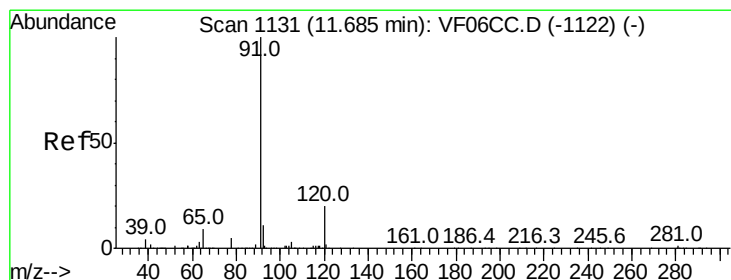
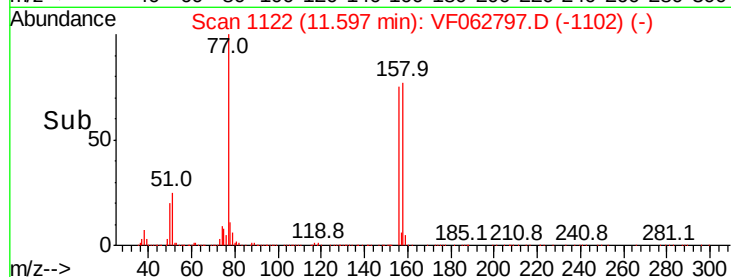
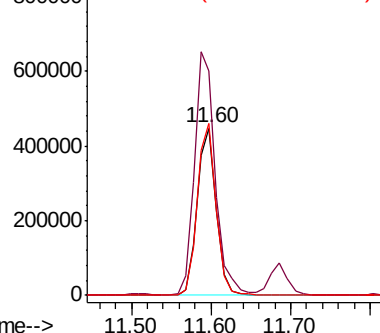
158 102.9 50.3 151.0



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: 60.463 ug/l

RT: 11.69 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VF062797.D

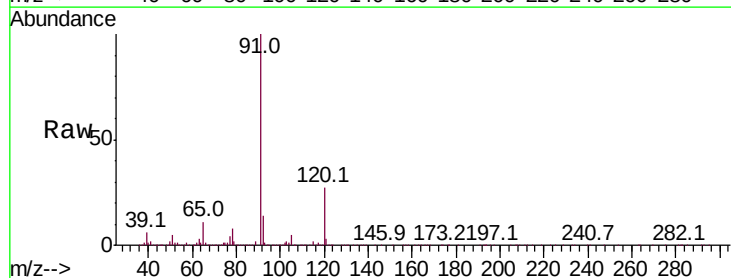
Acq: 30 May 2019 15:59

Tgt Ion: 91 Resp: 3347417

Ion Ratio Lower Upper

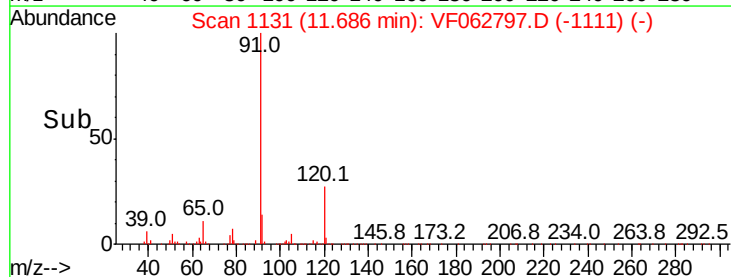
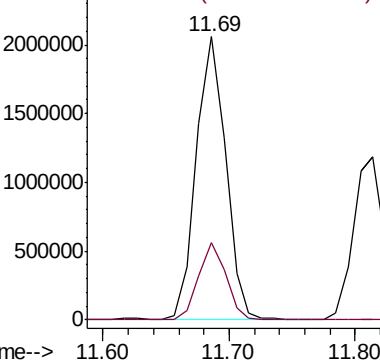
91 100

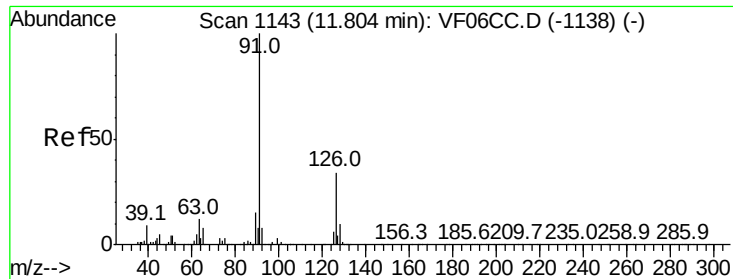
120 27.4 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

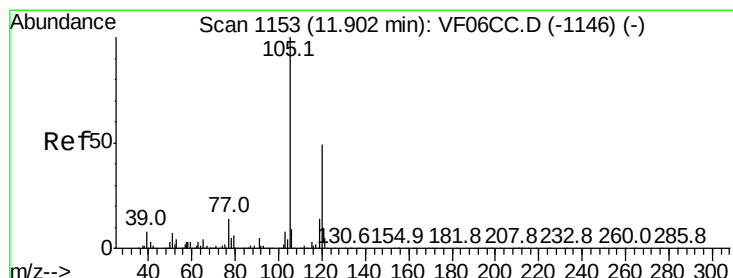
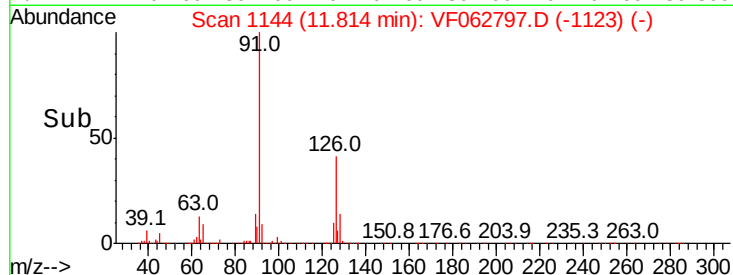
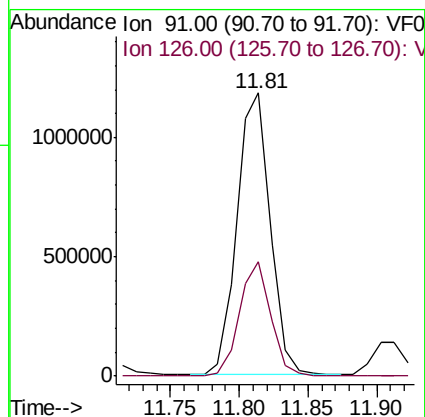
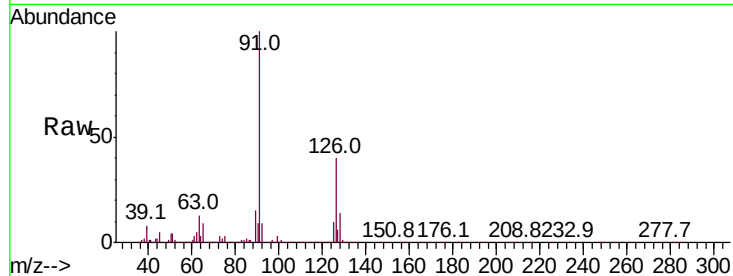




#79
 2-Chlorotoluene
 Concen: 65.431 ug/l
 RT: 11.81 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VF062797.D
 Acq: 30 May 2019 15:59

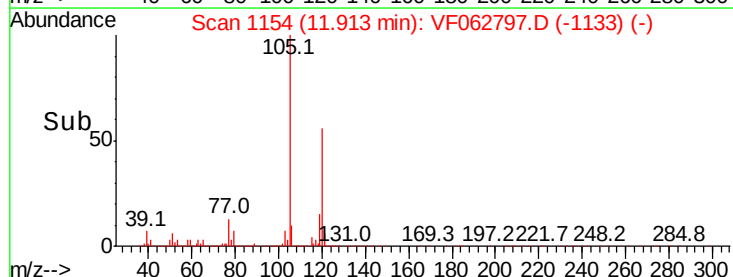
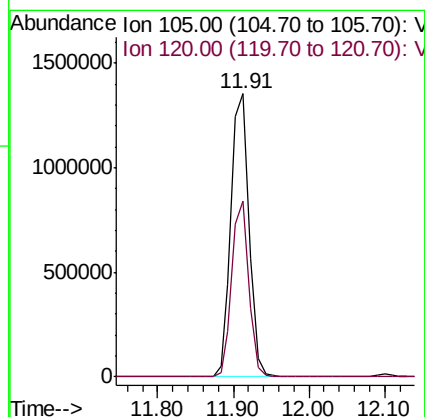
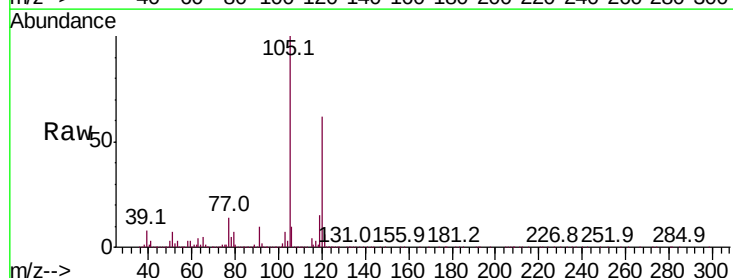
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

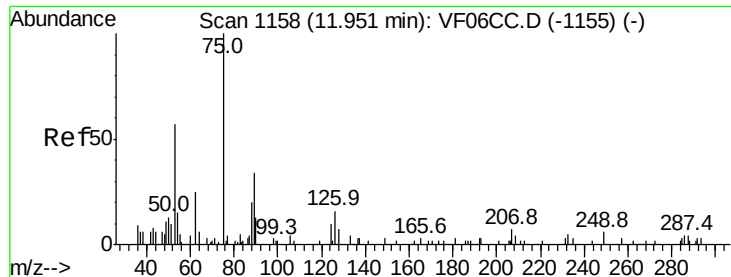
Tot Ion: 91 Resp: 1984264
 Ion Ratio Lower Upper
 91 100
 126 40.5 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 61.583 ug/l
 RT: 11.91 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: VF062797.D
 Acq: 30 May 2019 15:59

Tgt Ion:105 Resp: 2239666
 Ion Ratio Lower Upper
 105 100
 120 62.3 28.7 86.1





#81

trans-1,4-Dichloro-2-butene

Concen: 58.615 ug/l m

RT: 11.95 min Scan# 1158

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

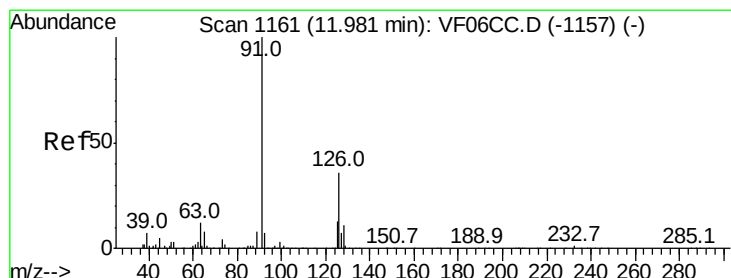
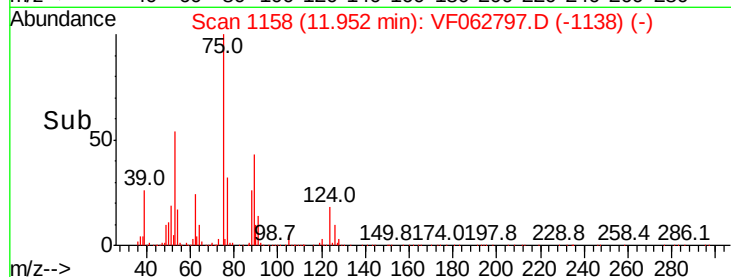
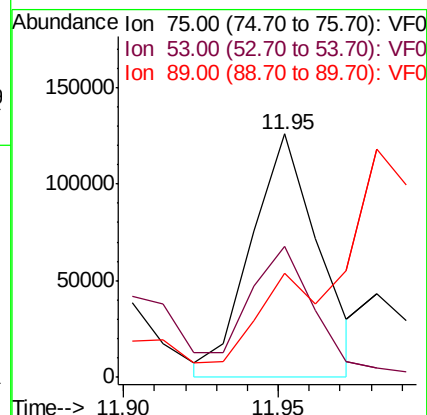
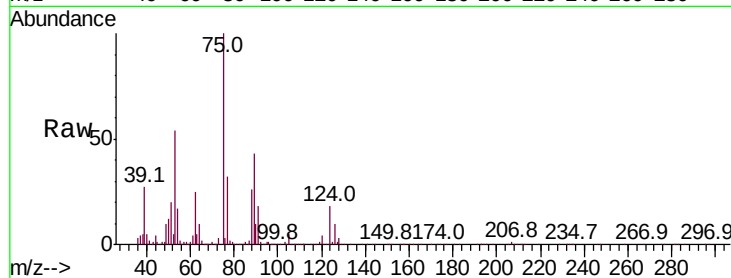
Tot Ion: 75 Resp: 189773

Ion Ratio Lower Upper

75 100

53 54.1 43.5 65.3

89 42.8 34.3 51.5



#82

4-Chlorotoluene

Concen: 64.855 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VF062797.D

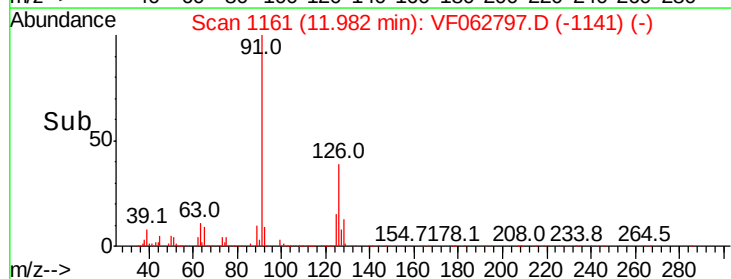
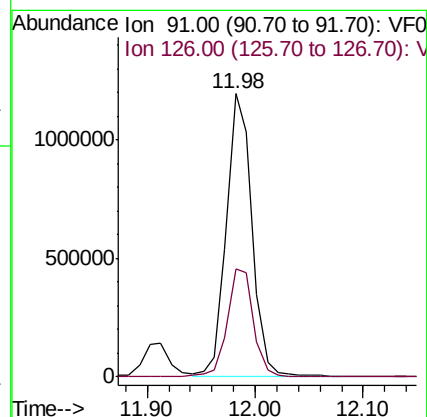
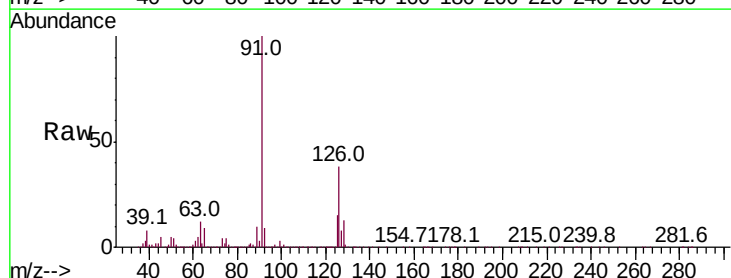
Acq: 30 May 2019 15:59

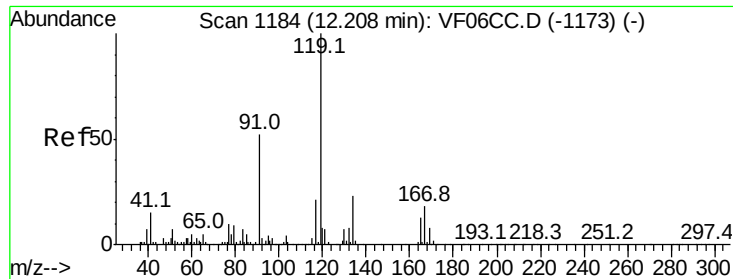
Tgt Ion: 91 Resp: 1949224

Ion Ratio Lower Upper

91 100

126 38.0 19.1 57.1



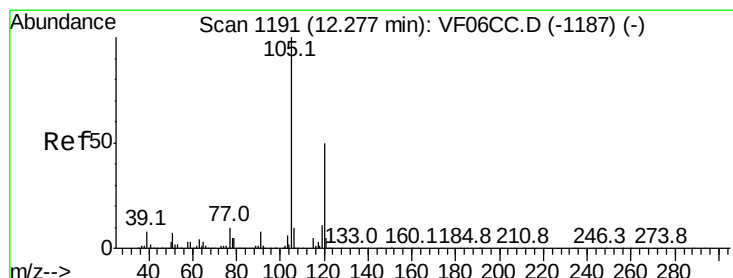
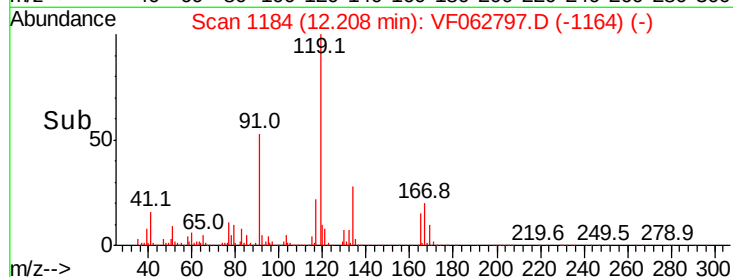
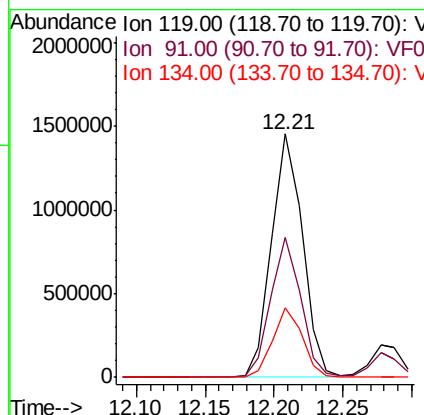
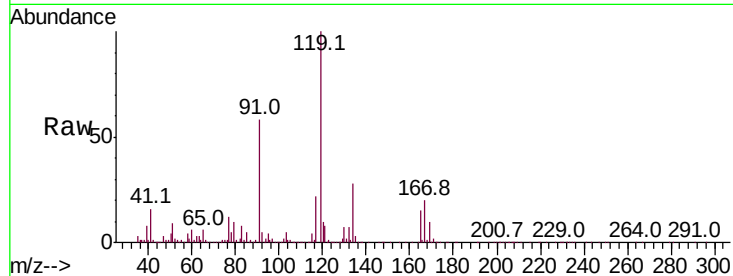


#83
 tert-Butylbenzene
 Concen: 64.752 ug/l
 RT: 12.21 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: VF062797.D
 Acq: 30 May 2019 15:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tot Ion:119 Resp: 2287368

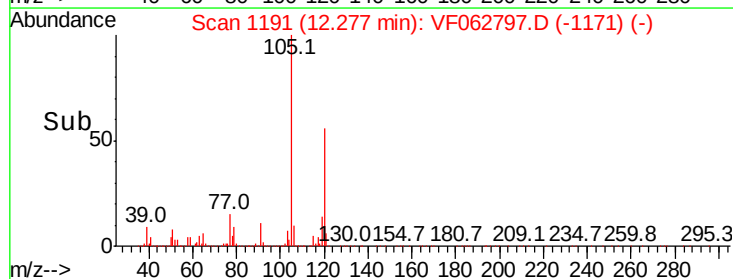
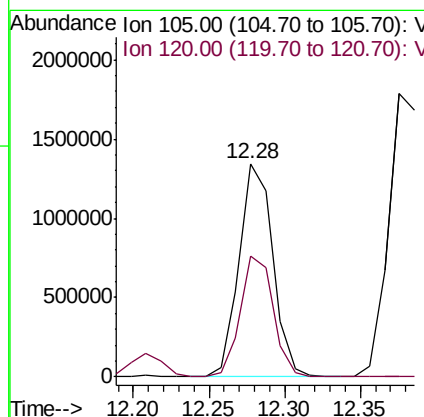
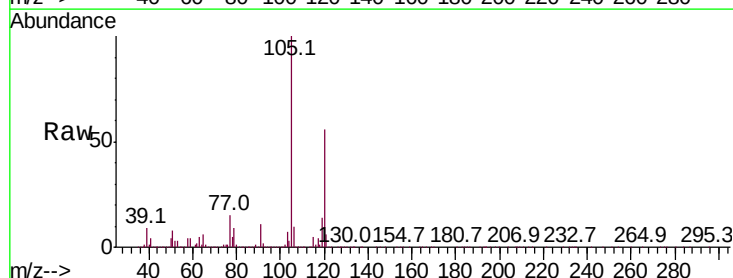
Ion	Ratio	Lower	Upper
119	100		
91	57.6	28.9	86.7
134	28.5	14.3	42.9

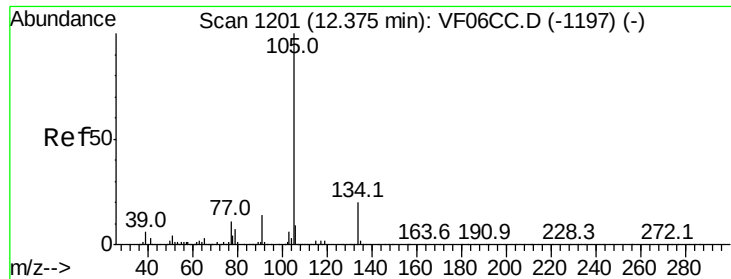


#84
 1,2,4-Trimethylbenzene
 Concen: 60.360 ug/l
 RT: 12.28 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VF062797.D
 Acq: 30 May 2019 15:59

Tgt Ion:105 Resp: 2095327

Ion	Ratio	Lower	Upper
105	100		
120	56.4	27.1	81.3





#85

sec-Butylbenzene

Concen: 61.014 ug/l

RT: 12.38 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

Instrument :

MSVOA_F

ClientSampleId :

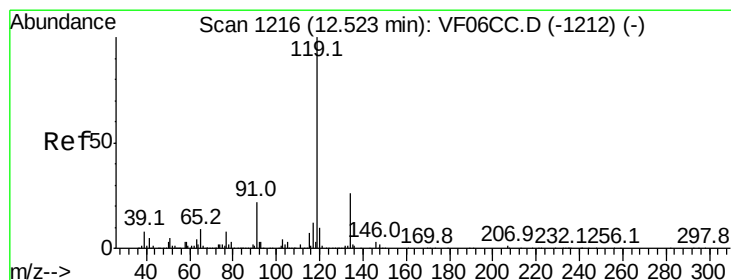
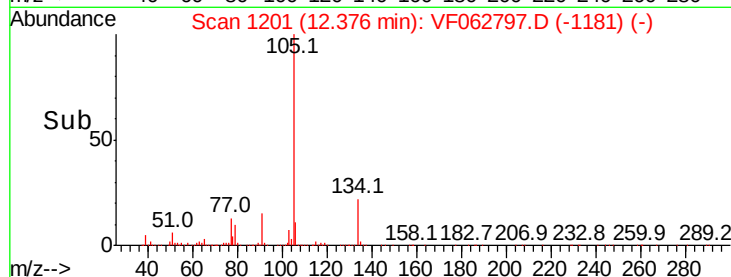
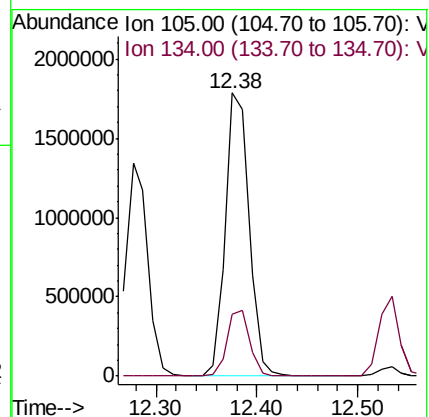
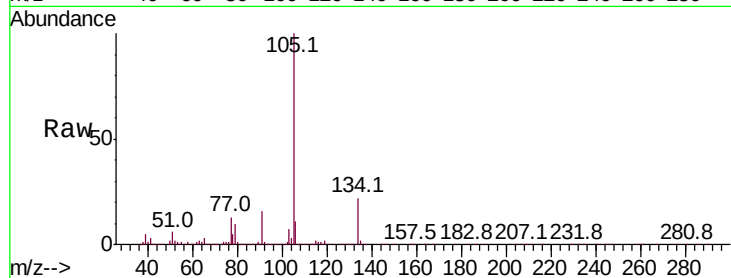
VSTDIC075

Tot Ion:105 Resp: 2945131

Ion Ratio Lower Upper

105 100

134 21.8 10.5 31.6



#86

p-Isopropyltoluene

Concen: 60.724 ug/l

RT: 12.53 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VF062797.D

Acq: 30 May 2019 15:59

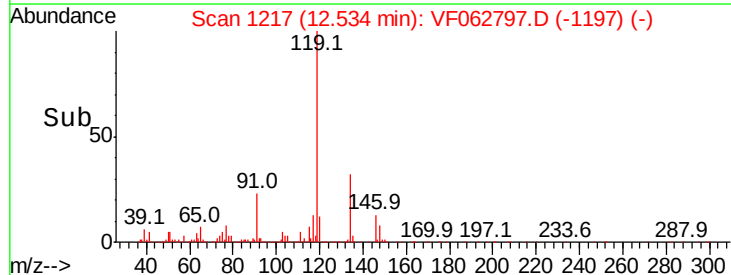
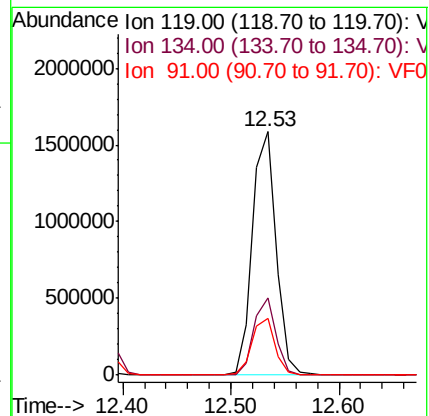
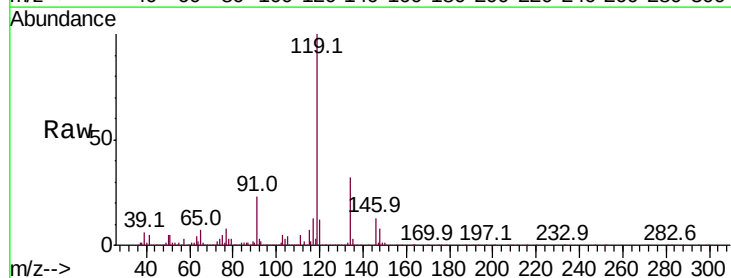
Tgt Ion:119 Resp: 2411360

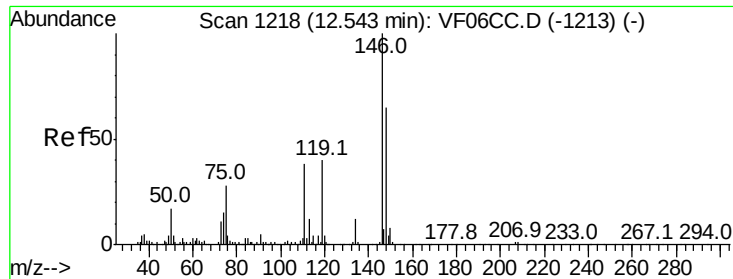
Ion Ratio Lower Upper

119 100

134 31.7 15.5 46.5

91 23.1 10.3 30.9

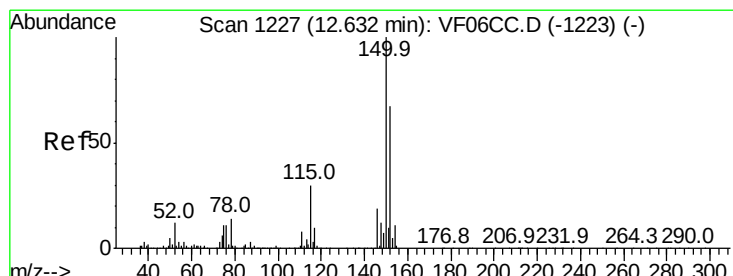
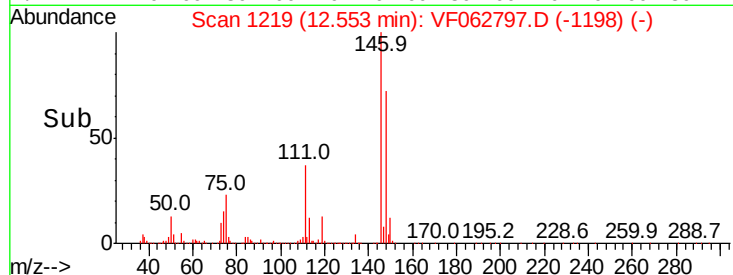
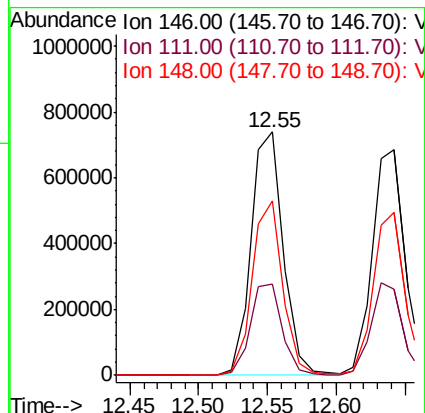
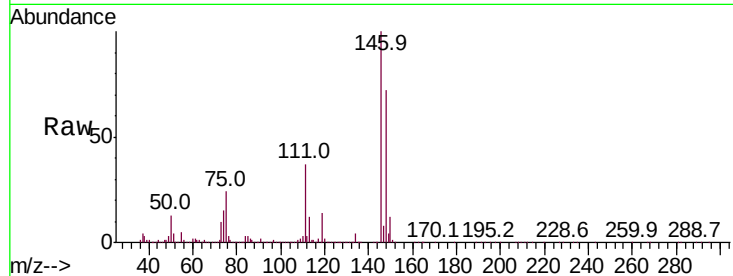




#87
 1,3-Dichlorobenzene
 Concen: 61.701 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: VF062797.D
 Acq: 30 May 2019 15:59

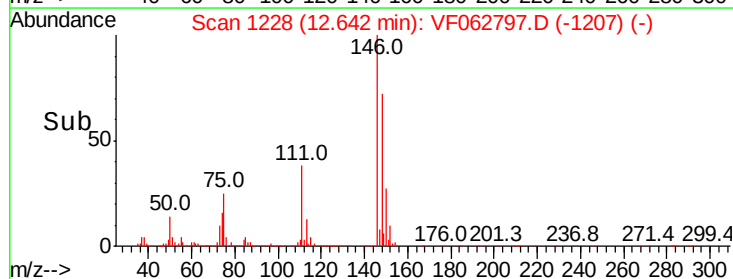
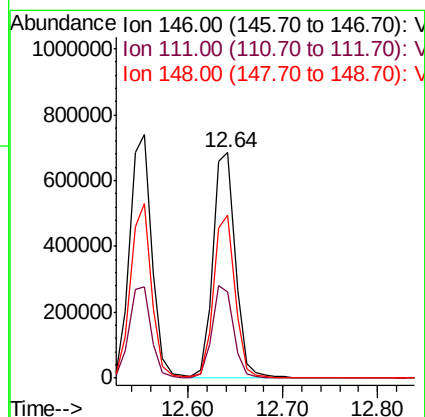
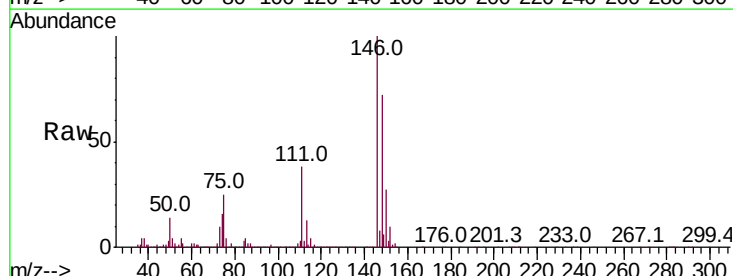
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

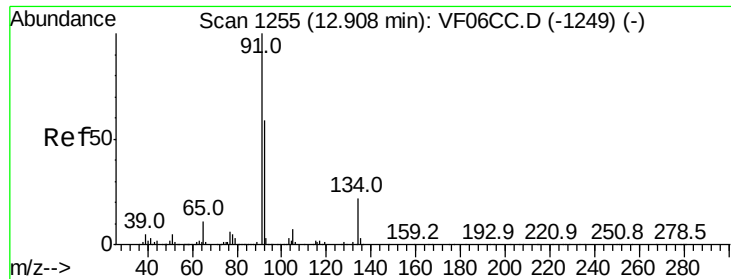
Tot Ion:146 Resp: 1210348
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.6 58.8
 148 71.6 34.2 102.5



#88
 1,4-Dichlorobenzene
 Concen: 62.136 ug/l
 RT: 12.64 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VF062797.D
 Acq: 30 May 2019 15:59

Tgt Ion:146 Resp: 1136380
 Ion Ratio Lower Upper
 146 100
 111 38.0 20.3 60.9
 148 72.5 34.0 101.8



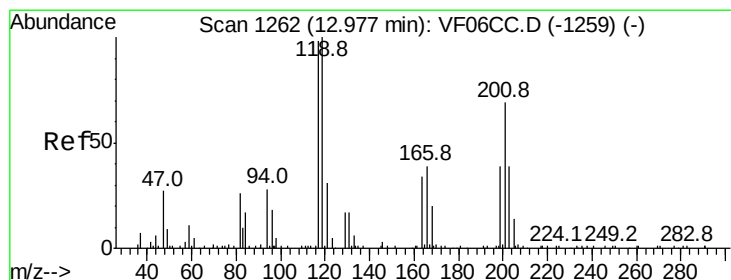
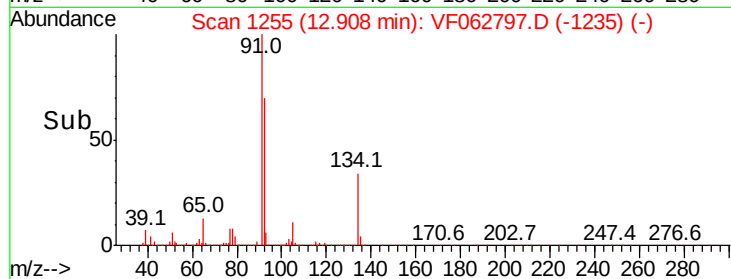
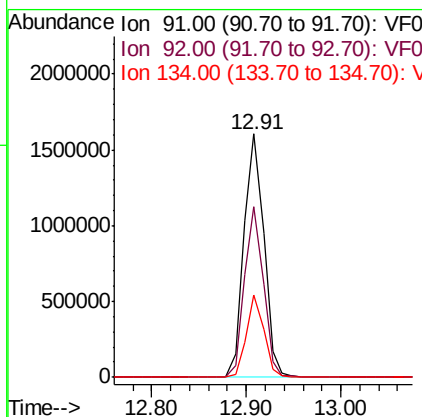
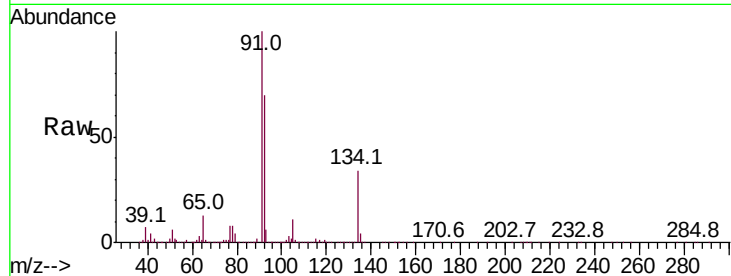


#89
n-Butylbenzene
Concen: 57.345 ug/l
RT: 12.91 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion: 91 Resp: 2347328

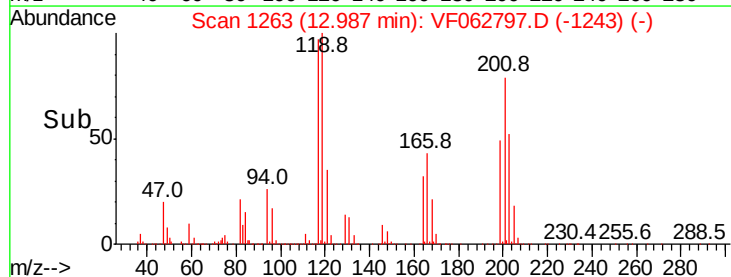
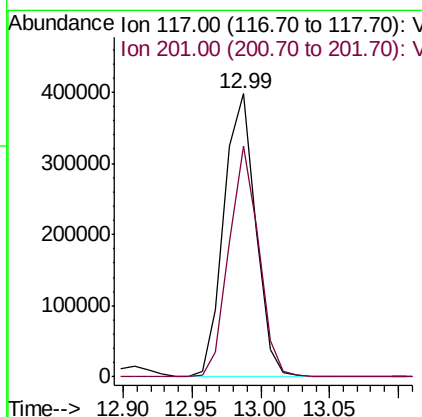
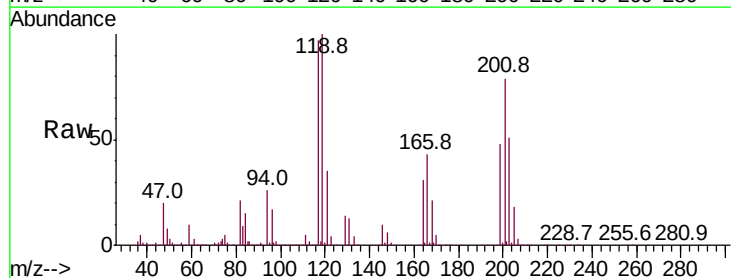
Ion	Ratio	Lower	Upper
91	100		
92	70.0	34.2	102.6
134	33.6	15.8	47.3

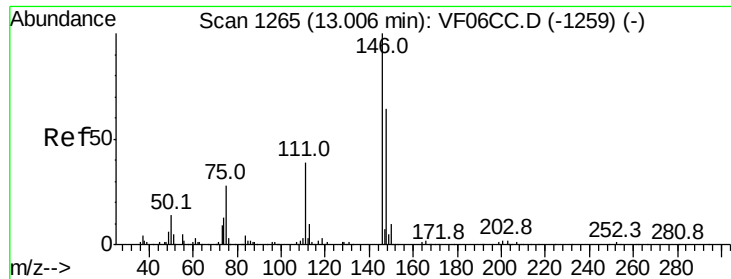


#90
Hexachloroethane
Concen: 67.501 ug/l
RT: 12.99 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Tgt Ion: 117 Resp: 636446

Ion	Ratio	Lower	Upper
117	100		
201	81.4	38.9	116.7



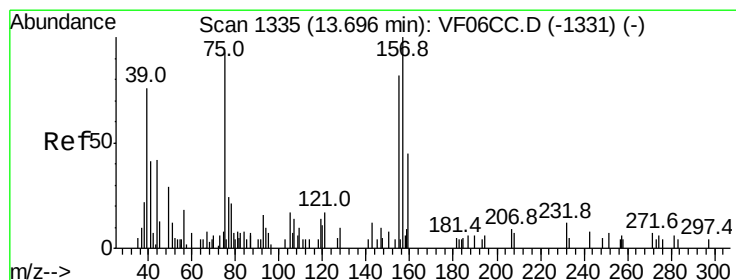
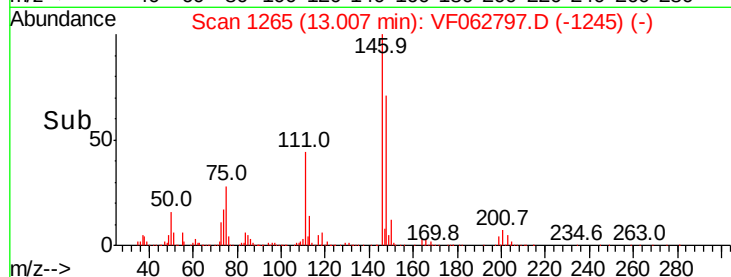
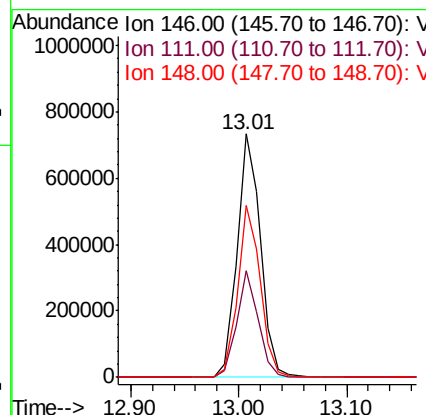
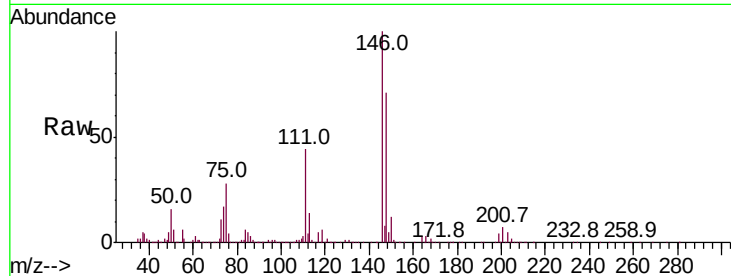


#91
 1,2-Dichlorobenzene
 Concen: 63.794 ug/l
 RT: 13.01 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VF062797.D
 Acq: 30 May 2019 15:59

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tot Ion:146 Resp: 1098744

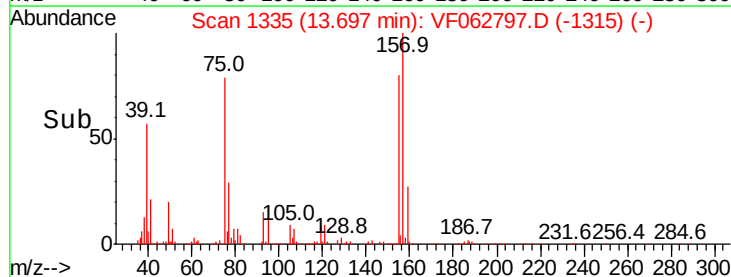
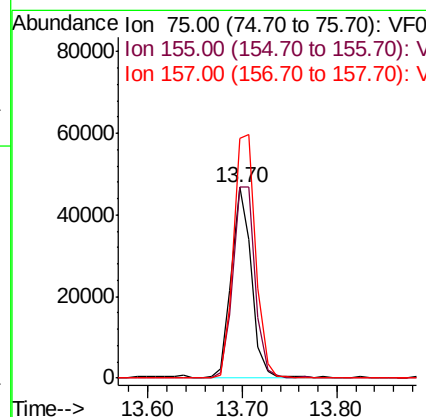
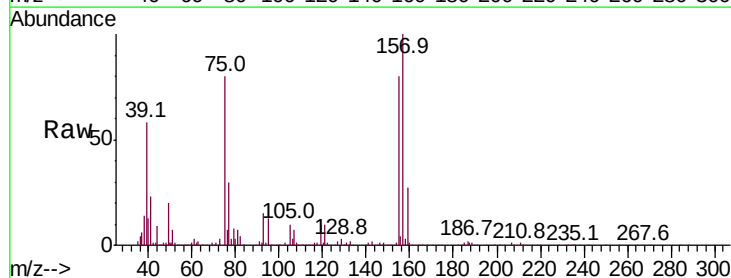
Ion	Ratio	Lower	Upper
146	100		
111	43.7	20.4	61.3
148	70.7	34.1	102.3

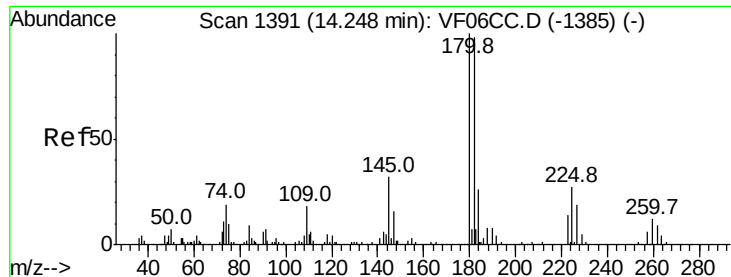


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 67.346 ug/l
 RT: 13.70 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VF062797.D
 Acq: 30 May 2019 15:59

Tgt Ion: 75 Resp: 69100

Ion	Ratio	Lower	Upper
75	100		
155	100.2	51.7	155.1
157	125.7	66.8	200.6

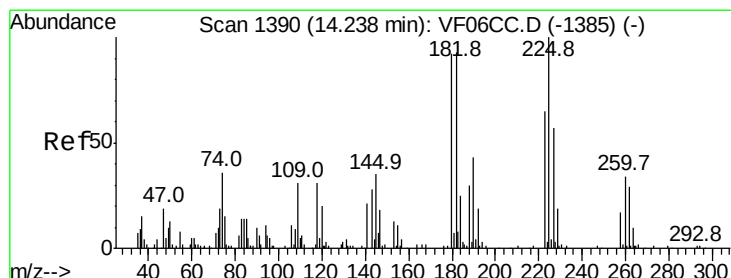
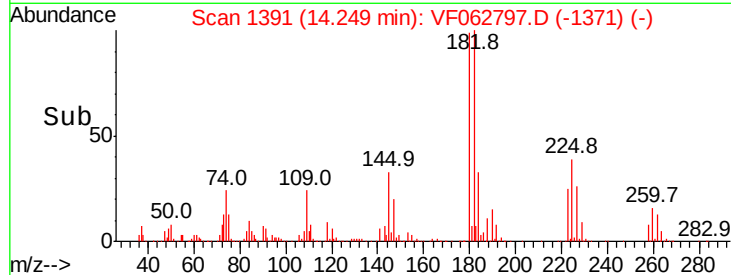
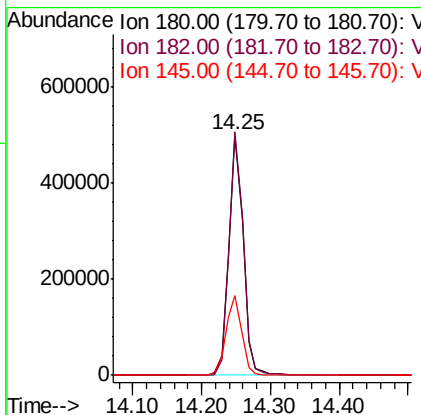
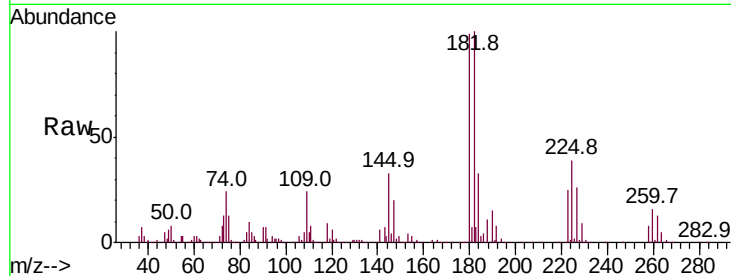




#93
 1,2,4-Trichlorobenzene
 Concen: 62.199 ug/l
 RT: 14.25 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VF062797.D
 Acq: 30 May 2019 15:59

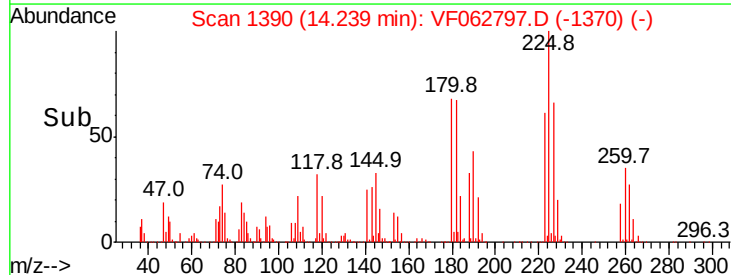
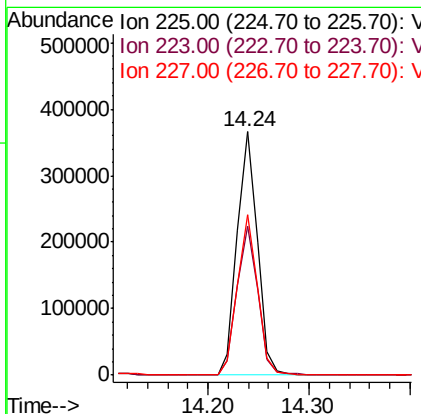
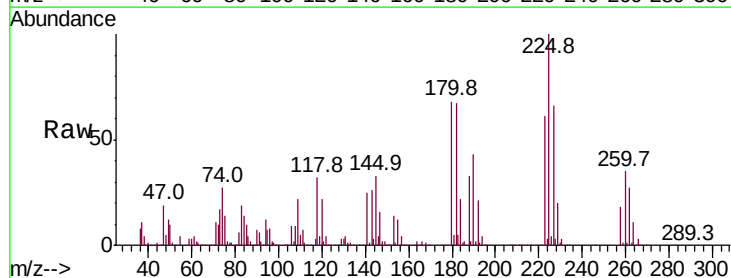
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

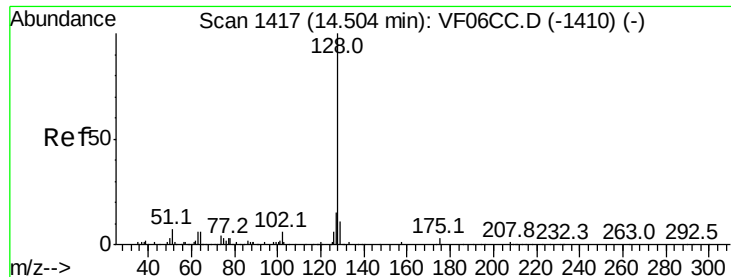
Tot Ion:180 Resp: 727042
 Ion Ratio Lower Upper
 180 100
 182 101.3 50.3 150.9
 145 33.0 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 63.547 ug/l
 RT: 14.24 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VF062797.D
 Acq: 30 May 2019 15:59

Tgt Ion:225 Resp: 510375
 Ion Ratio Lower Upper
 225 100
 223 61.3 30.8 92.4
 227 66.1 31.9 95.5

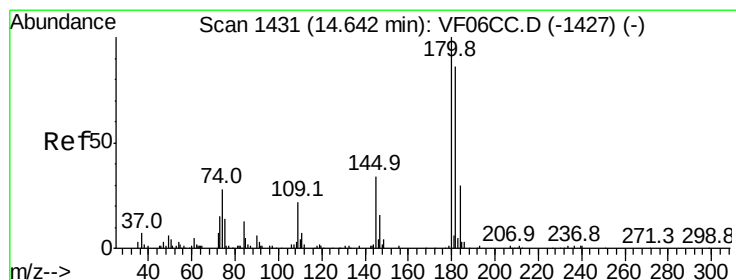
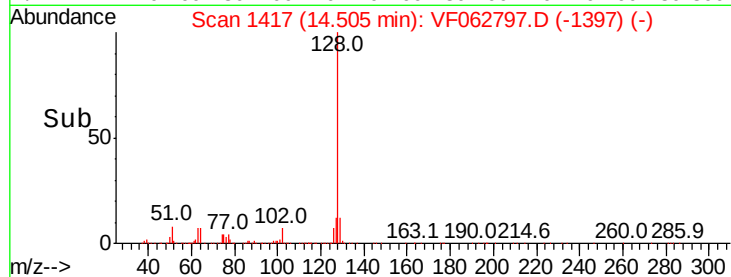
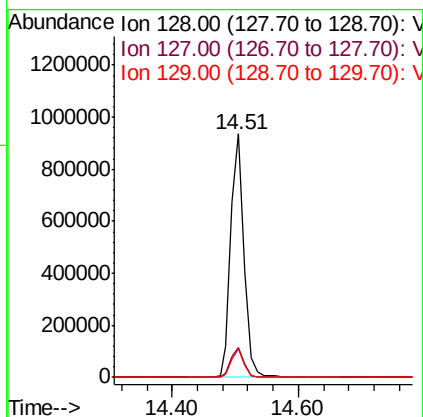
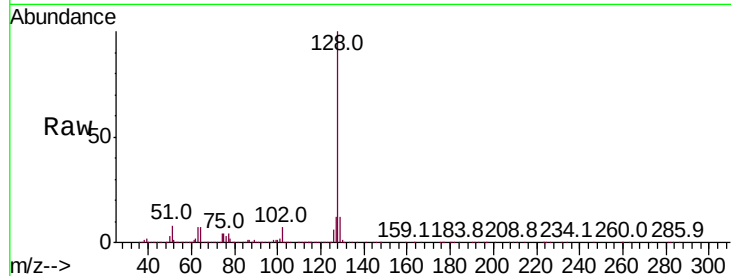




#95
Naphthalene
Concen: 72.426 ug/l
RT: 14.51 min Scan# 1417
Delta R.T. -0.00 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion:128 Resp: 1344621
Ion Ratio Lower Upper
128 100
127 12.1 9.7 14.5
129 11.7 9.4 14.2



#96
1,2,3-Trichlorobenzene
Concen: 67.887 ug/l
RT: 14.65 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VF062797.D
Acq: 30 May 2019 15:59

Tgt Ion:180 Resp: 702461
Ion Ratio Lower Upper
180 100
182 100.3 48.6 145.9
145 28.4 15.7 47.0

