

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051419\
 Data File : VF062599.D
 Acq On : 15 May 2019 00:25
 Operator : FY/SY
 Sample : K2746-01
 Misc : 5.01µ/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 COMP-5.8.19

Quant Time: May 15 05:19:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:06:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.10	168	922	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.95	114	98	50.00	ug/l	0.15
63) Chlorobenzene-d5	10.26	117	92	50.00	ug/l	0.33
72) 1,4-Dichlorobenzene-d4	12.61	152	84	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.09	65	198	28.43	ug/l	0.02
Spiked Amount	50.000		Recovery	=	56.86%	
35) Dibromofluoromethane	4.44	113	61	83.63	ug/l	0.10
Spiked Amount	50.000		Recovery	=	167.26%	
50) Toluene-d8	7.90	98	153	89.02	ug/l	0.16
Spiked Amount	50.000		Recovery	=	178.04%	
62) 4-Bromofluorobenzene	11.82	95	129	214.91	ug/l	0.31
Spiked Amount	50.000		Recovery	=	429.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.02	85	214	22.407	ug/l #	72
3) Chloromethane	1.22	50	305	29.007	ug/l	97
4) Vinyl Chloride	1.22	62	184	17.583	ug/l #	67
5) Bromomethane	1.38	94	266	54.975	ug/l	89
6) Chloroethane	1.41	64	531	133.615	ug/l #	58
7) Trichlorofluoromethane	1.54	101	168	11.717	ug/l #	18
8) Diethyl Ether	1.75	74	943	293.391	ug/l #	19
9) 1,1,2-Trichlorotrifluoroet	1.95	101	127	12.985	ug/l #	69
10) Methyl Iodide	1.99	142	384	22.045	ug/l #	36
11) Tert butyl alcohol	2.73	59	231	550.840	ug/l #	73
12) 1,1-Dichloroethene	1.87	96	502	59.918	ug/l #	39
13) Acrolein	2.01	56	269	967.892	ug/l	84
14) Allyl chloride	2.24	41	305	35.578	ug/l #	17
15) Acrylonitrile	3.09	53	585	389.968	ug/l #	19
16) Acetone	2.45	43	528	373.578	ug/l	89
17) Carbon Disulfide	1.90	76	174	4.045	ug/l #	1
18) Methyl Acetate	2.52	43	1012	381.110	ug/l	95
19) Methyl tert-butyl Ether	2.48	73	675	45.250	ug/l	99
20) Methylene Chloride	2.33	84	161	15.679	ug/l #	10
21) trans-1,2-Dichloroethene	2.44	96	1051	124.476	ug/l #	15
22) Diisopropyl ether	3.00	45	241	12.091	ug/l #	82
23) Vinyl Acetate	3.37	43	911	83.558	ug/l #	75
24) 1,1-Dichloroethane	3.06	63	146	9.622	ug/l #	86
25) 2-Butanone	4.66	43	371	116.109	ug/l	94
26) 2,2-Dichloropropane	3.81	77	681	83.159	ug/l	81
27) cis-1,2-Dichloroethene	3.66	96	991	83.074	ug/l	14
28) Bromochloromethane	3.77	49	110	12.897	ug/l	96
29) Tetrahydrofuran	4.29	42	454	335.761	ug/l #	87
30) Chloroform	4.00	83	173	9.502	ug/l	87
31) Cyclohexane	3.95	56	182	11.508	ug/l #	79
32) 1,1,1-Trichloroethane	4.34	97	447	36.422	ug/l #	22
36) 1,1-Dichloropropene	4.62	75	92	108.492	ug/l #	41
37) Ethyl Acetate	4.44	43	465	1334.396	ug/l #	93
38) Carbon Tetrachloride	4.34	117	184	264.507	ug/l #	52

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	5.83	83	193	194.388	ug/l #	1
40) Benzene	5.02	78	387	160.417	ug/l #	1
41) Methacrylonitrile	5.12	41	461	2336.142	ug/l #	50
42) 1,2-Dichloroethane	5.37	62	114	222.684	ug/l	71
43) Isopropyl Acetate	7.31	43	465	1127.655	ug/l #	40
44) Trichloroethene	5.90	130	256	392.932	ug/l	67
45) 1,2-Dichloropropane	6.52	63	714	1175.812	ug/l	91
46) Dibromomethane	6.43	93	191	562.592	ug/l #	26
47) Bromodichloromethane	6.71	83	432	591.913	ug/l #	84
48) Methyl methacrylate	7.07	41	480	2126.590	ug/l #	57
49) 1,4-Dioxane	7.08	88	66	22189.415	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	713	2359.765	ug/l #	34
52) Toluene	8.00	92	141	116.431	ug/l	88
53) t-1,3-Dichloropropene	8.75	75	585	1014.598	ug/l	98
54) cis-1,3-Dichloropropene	7.65	75	401	492.151	ug/l #	1
55) 1,1,2-Trichloroethane	8.90	97	279	769.456	ug/l #	34
56) Ethyl methacrylate	9.01	69	360	905.874	ug/l #	1
57) 1,3-Dichloropropane	9.23	76	113	188.819	ug/l #	5
58) 2-Chloroethyl Vinyl ether	7.64	63	113	908.769	ug/l #	53
59) 2-Hexanone	9.96	43	903	4525.121	ug/l	77
60) Dibromochloromethane	9.05	129	132	286.527	ug/l	83
61) 1,2-Dibromoethane	9.40	107	62	170.486	ug/l #	1
64) Tetrachloroethene	8.29	164	170	279.637	ug/l #	15
65) Chlorobenzene	9.94	112	85	53.144	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.11	131	480	730.645	ug/l #	35
67) Ethyl Benzene	10.04	91	353	124.221	ug/l #	44
68) m/p-Xylenes	10.30	106	79	78.434	ug/l	78
69) o-Xylene	10.82	106	60	56.787	ug/l	34
70) Styrene	10.93	104	181	112.738	ug/l #	51
71) Bromoform	10.87	173	64	206.903	ug/l #	29
73) Isopropylbenzene	11.21	105	59	10.446	ug/l #	48
74) N-amyl acetate	11.49	43	1382	1007.744	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.82	83	131	113.218	ug/l #	25
76) 1,2,3-Trichloropropane	11.97	75	748	1008.395	ug/l	92
77) Bromobenzene	11.58	156	82	64.247	ug/l #	57
78) n-propylbenzene	11.69	91	82	12.206	ug/l #	52
79) 2-Chlorotoluene	11.79	91	235	63.385	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.92	105	233	52.702	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.97	75	748	2365.852	ug/l #	52
82) 4-Chlorotoluene	12.00	91	218	60.136	ug/l #	40
83) tert-Butylbenzene	12.22	119	214	46.275	ug/l #	73
84) 1,2,4-Trimethylbenzene	12.29	105	137	31.546	ug/l #	27
85) sec-Butylbenzene	12.38	105	193	30.739	ug/l #	59
86) p-Isopropyltoluene	12.51	119	63	12.190	ug/l #	51
87) 1,3-Dichlorobenzene	12.58	146	183	73.307	ug/l #	23
88) 1,4-Dichlorobenzene	12.58	146	183	78.146	ug/l #	23
89) n-Butylbenzene	12.88	91	359	68.239	ug/l #	28
90) Hexachloroethane	13.01	117	104	78.557	ug/l #	21
91) 1,2-Dichlorobenzene	12.87	146	69	31.157	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.68	75	69	485.483	ug/l #	1

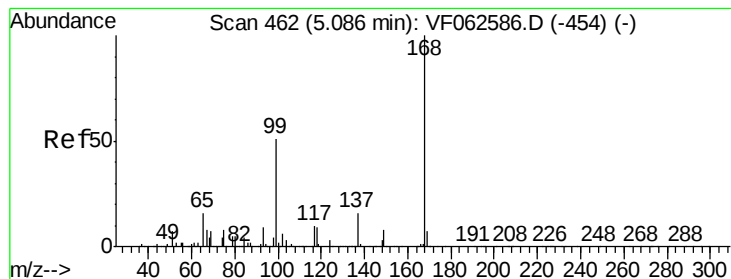
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Quant Title : SW846 8260
QLast Update : Wed May 15 05:06:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.28	180	154	99.999	ug/l #	12
94) Hexachlorobutadiene	14.21	225	69	61.678	ug/l #	11
95) Naphthalene	14.50	128	170	67.821	ug/l #	70
96) 1,2,3-Trichlorobenzene	14.65	180	224	156.788	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.10 min Scan# 463

Delta R.T. 0.01 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

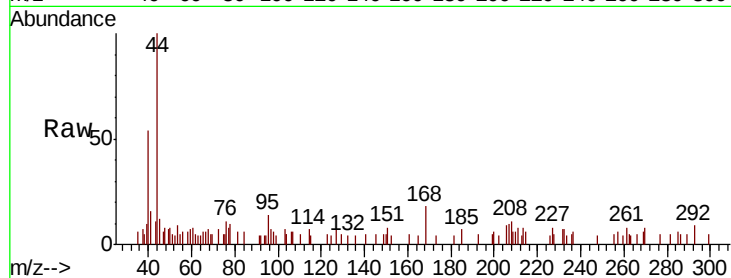
COMP-5.8.19

Tot Ion:168 Resp: 922

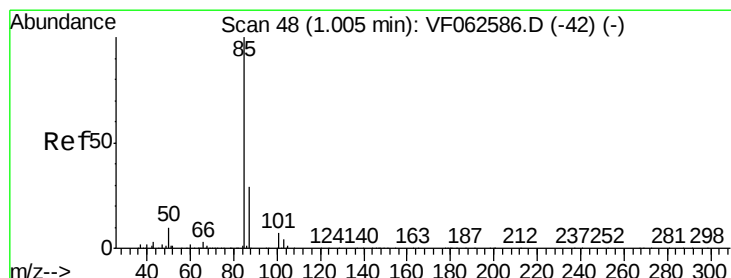
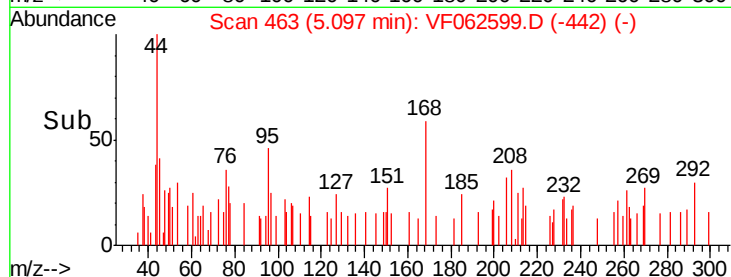
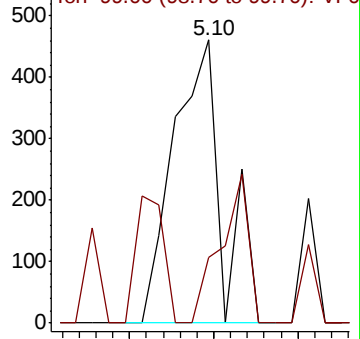
Ion Ratio Lower Upper

168 100

99 23.0 41.0 61.6#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 22.407 ug/l

RT: 1.02 min Scan# 49

Delta R.T. 0.01 min

Lab File: VF062599.D

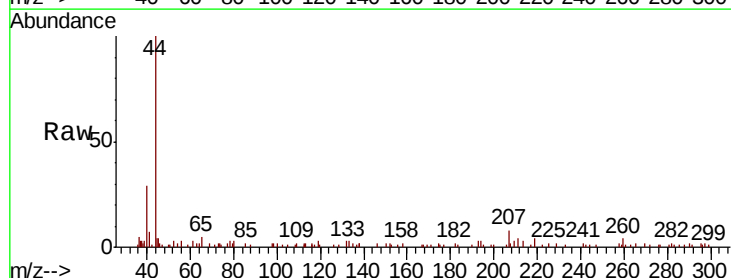
Acq: 15 May 2019 00:25

Tgt Ion: 85 Resp: 214

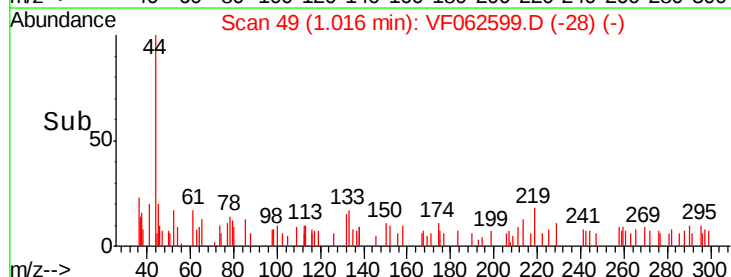
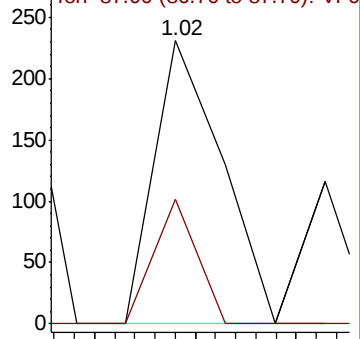
Ion Ratio Lower Upper

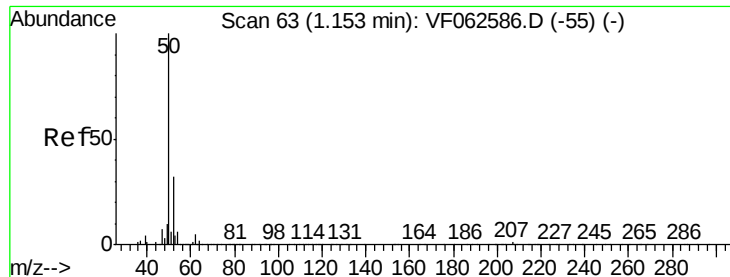
85 100

87 44.2 14.6 43.8#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 29.007 ug/l

RT: 1.22 min Scan# 70

Delta R.T. 0.07 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

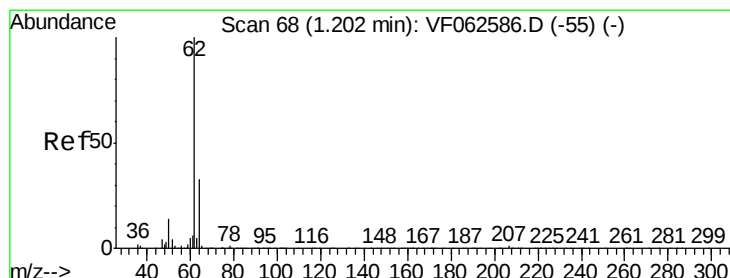
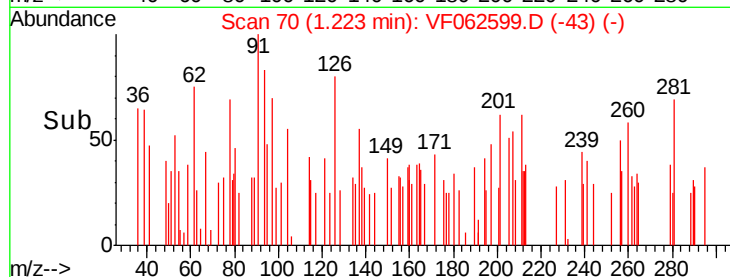
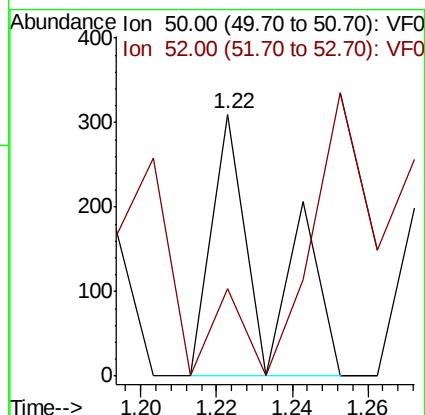
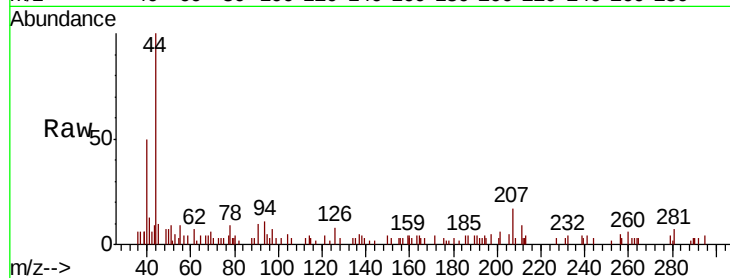
COMP-5.8.19

Tot Ion: 50 Resp: 305

Ion Ratio Lower Upper

50 100

52 33.2 25.3 37.9



#4

Vinyl Chloride

Concen: 17.583 ug/l

RT: 1.22 min Scan# 70

Delta R.T. 0.02 min

Lab File: VF062599.D

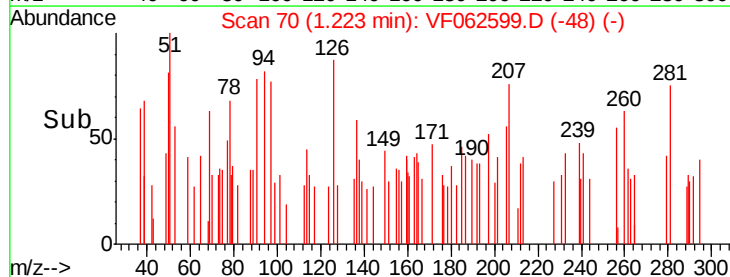
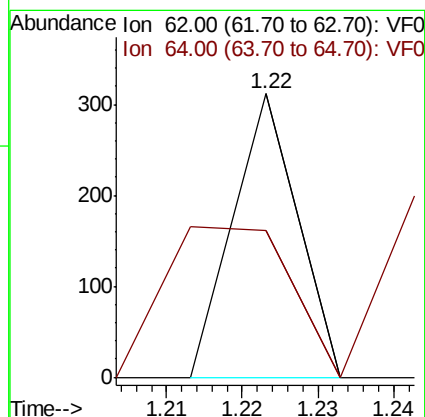
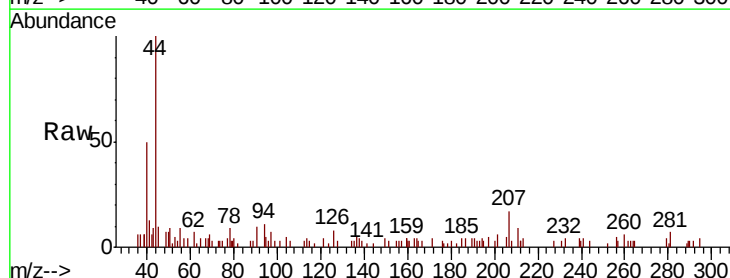
Acq: 15 May 2019 00:25

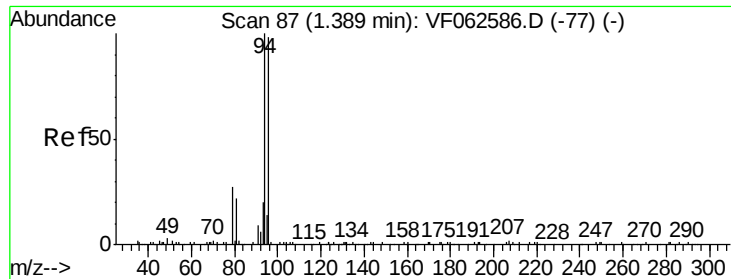
Tgt Ion: 62 Resp: 184

Ion Ratio Lower Upper

62 100

64 51.6 26.5 39.7#





#5

Bromomethane

Concen: 54.975 ug/l

RT: 1.38 min Scan# 86

Delta R.T. -0.01 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

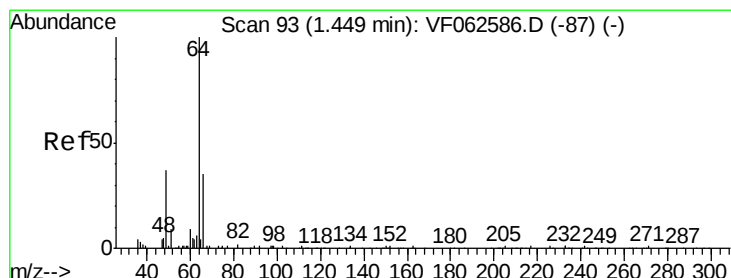
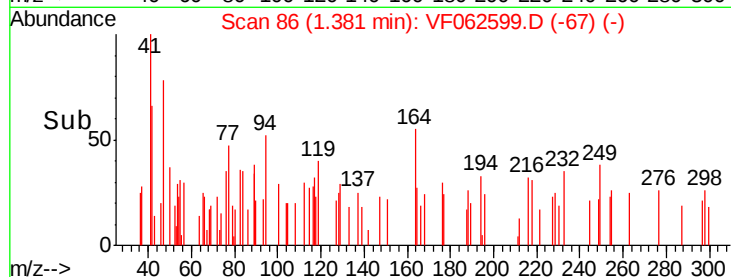
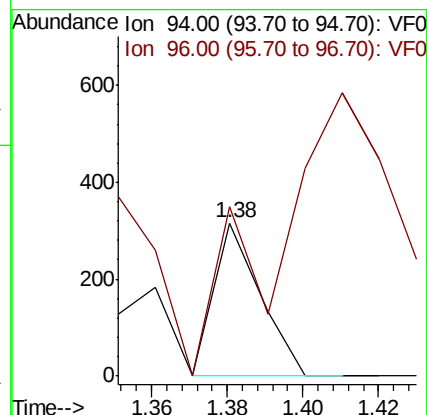
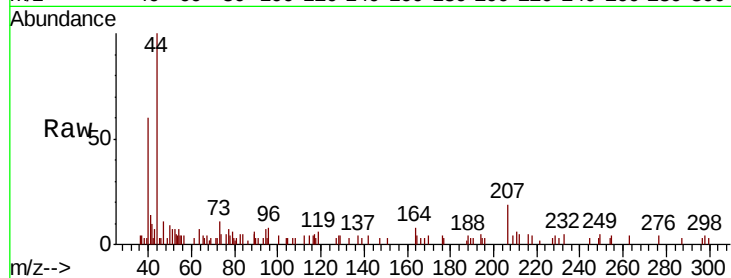
COMP-5.8.19

Tot Ion: 94 Resp: 266

Ion Ratio Lower Upper

94 100

96 110.4 79.3 118.9



#6

Chloroethane

Concen: 133.615 ug/l

RT: 1.41 min Scan# 89

Delta R.T. -0.04 min

Lab File: VF062599.D

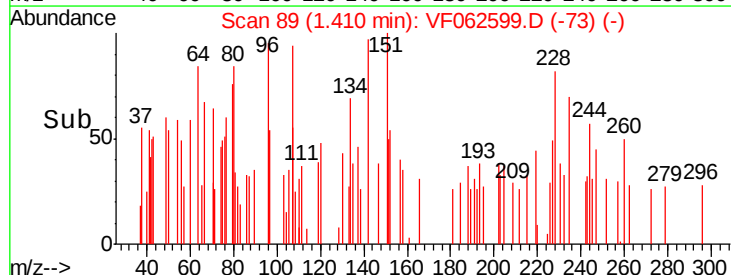
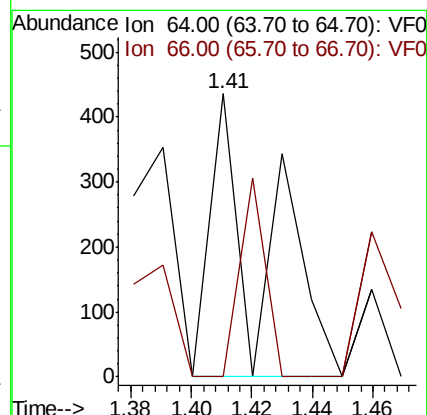
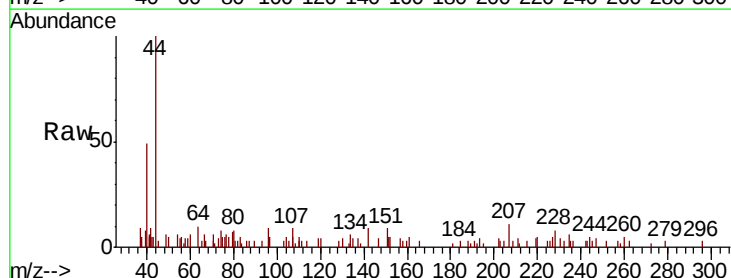
Acq: 15 May 2019 00:25

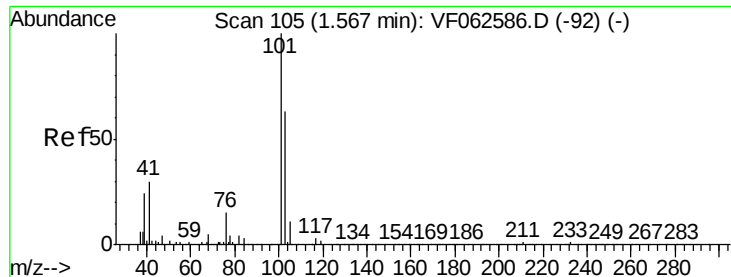
Tgt Ion: 64 Resp: 531

Ion Ratio Lower Upper

64 100

66 60.8 28.9 43.3#



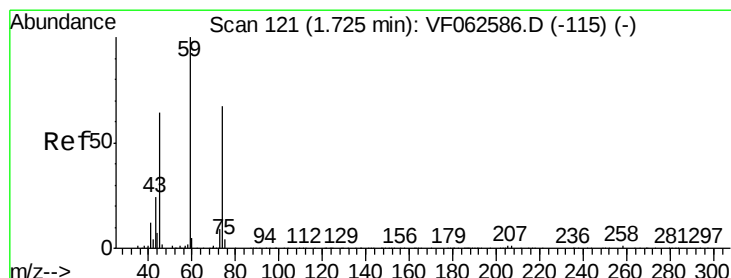
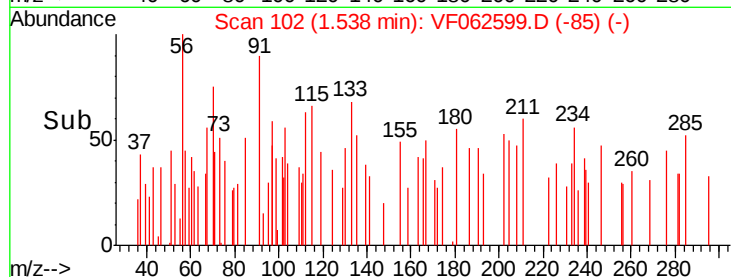
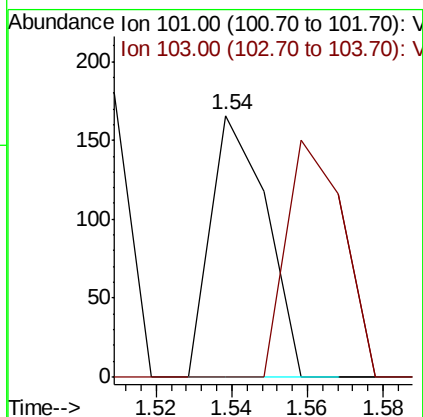
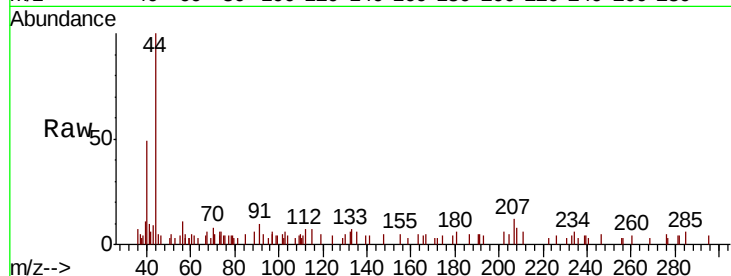


#7

Trichlorofluoromethane
Concen: 11.717 ug/l
RT: 1.54 min Scan# 102
Delta R.T. -0.03 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19

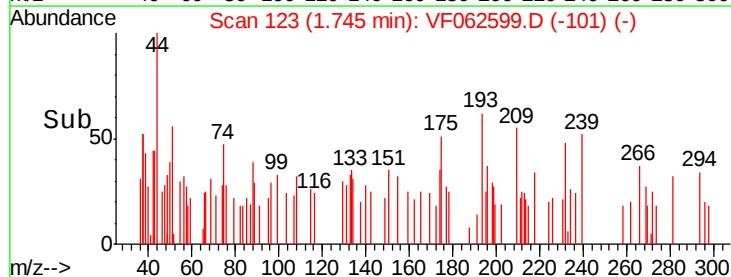
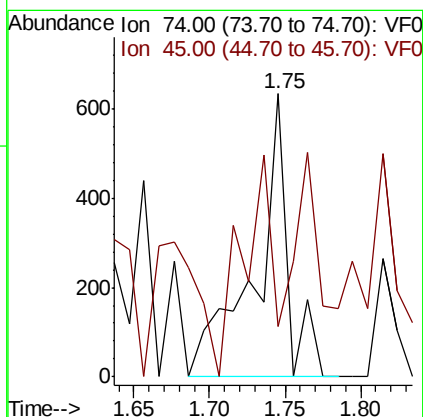
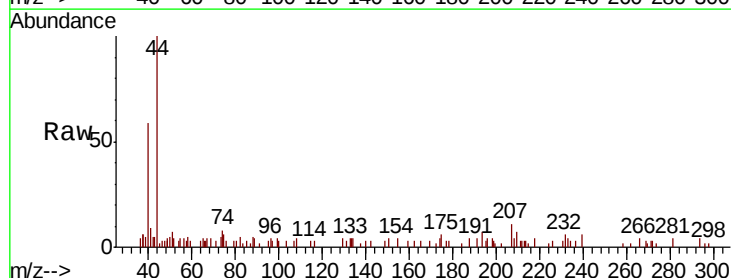
Tot Ion:101 Resp: 168
Ion Ratio Lower Upper
101 100
103 0.0 50.8 76.2#

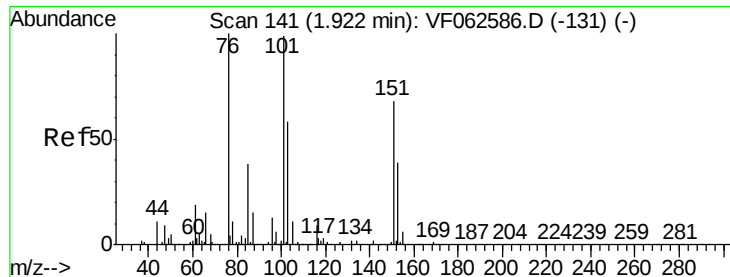


#8

Diethyl Ether
Concen: 293.391 ug/l
RT: 1.75 min Scan# 123
Delta R.T. 0.02 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

Tgt Ion: 74 Resp: 943
Ion Ratio Lower Upper
74 100
45 17.9 48.6 145.8#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.985 ug/l

RT: 1.95 min Scan# 144

Delta R.T. 0.03 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampled :

COMP-5.8.19

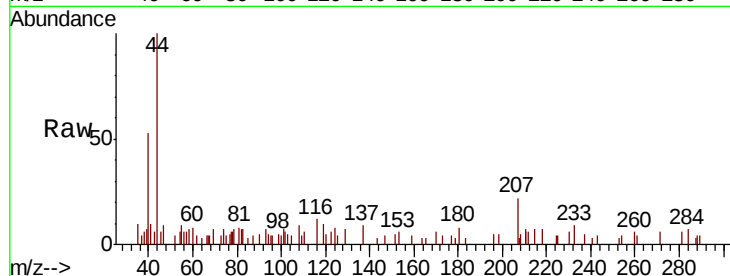
Tot Ion:101 Resp: 127

Ion Ratio Lower Upper

101 100

85 24.9 30.2 45.4#

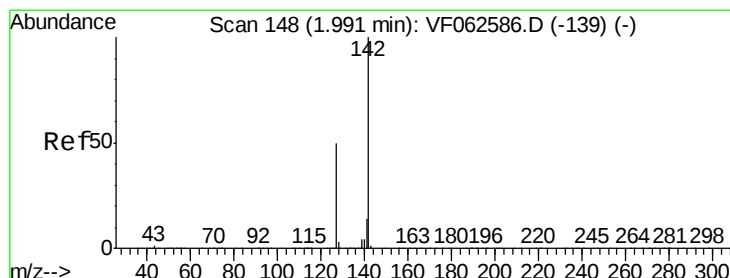
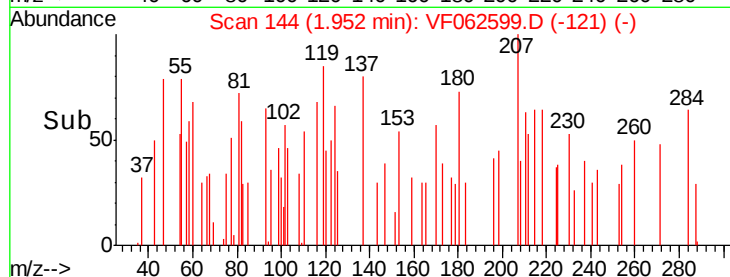
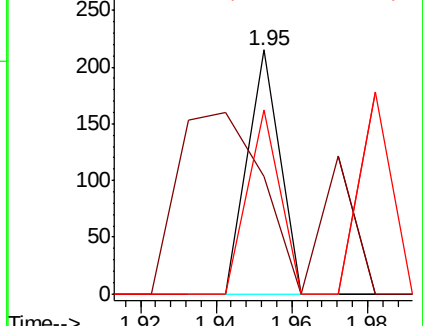
151 39.2 54.5 81.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 22.045 ug/l

RT: 1.99 min Scan# 148

Delta R.T. 0.00 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

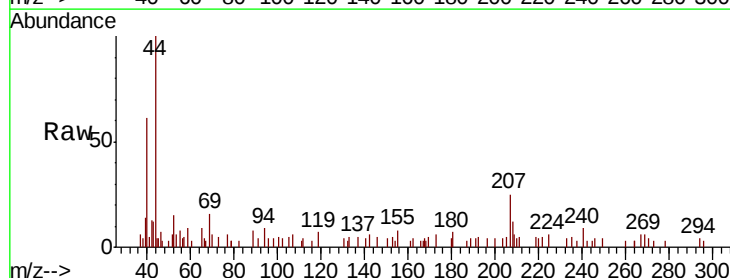
Tgt Ion:142 Resp: 384

Ion Ratio Lower Upper

142 100

127 0.0 40.2 60.4#

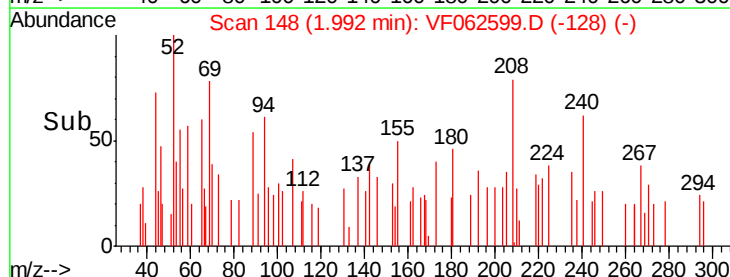
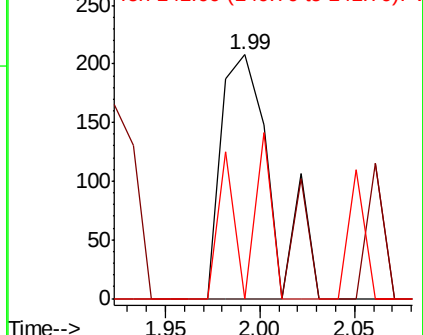
141 0.0 11.6 17.4#

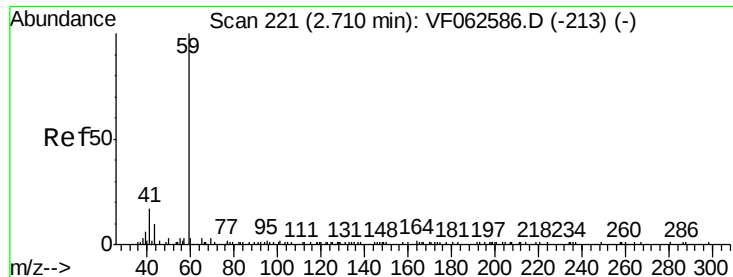


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

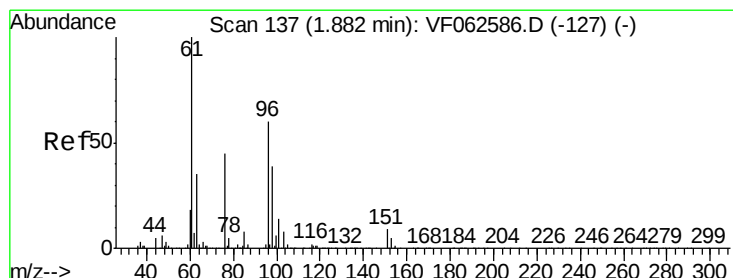
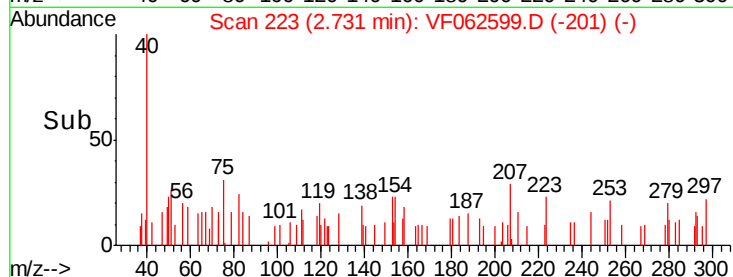
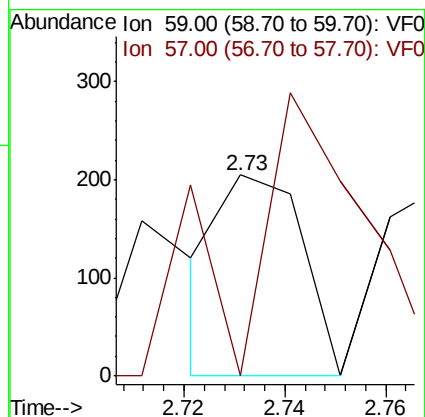
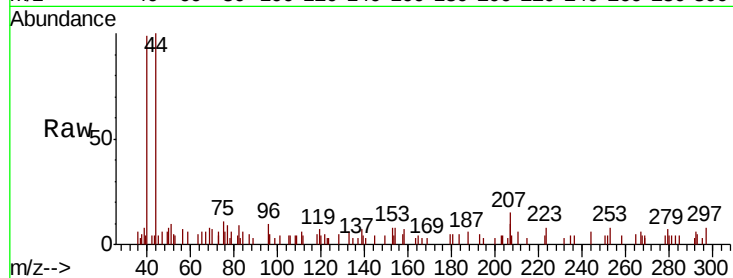




#11
Tert butyl alcohol
Concen: 550.840 ug/l
RT: 2.73 min Scan# 223
Delta R.T. 0.02 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

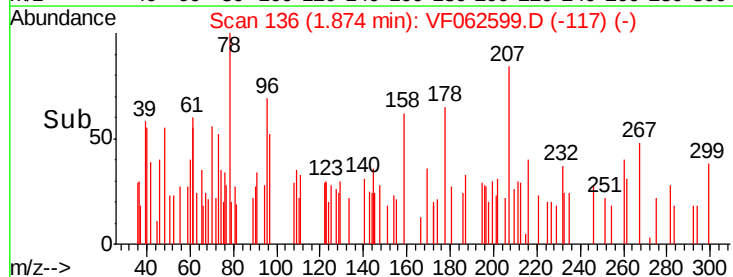
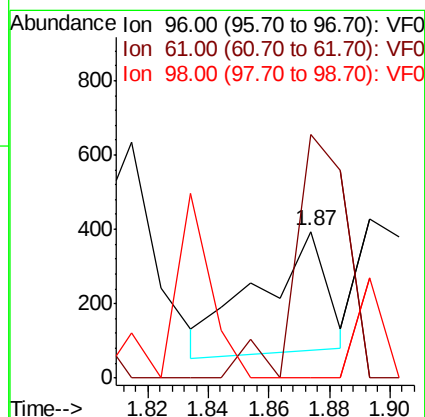
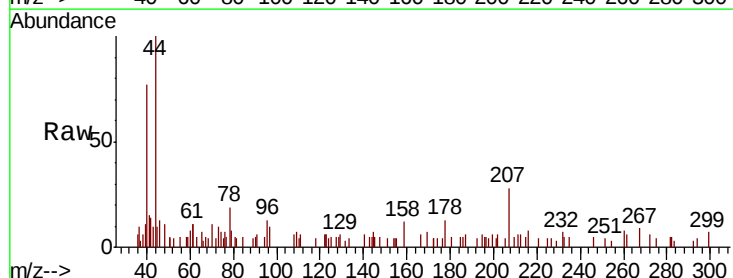
Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19

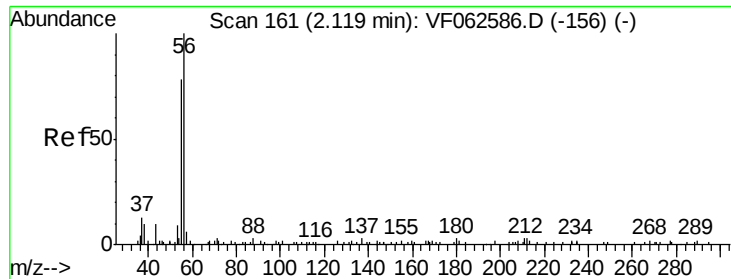
Tot Ion: 59 Resp: 231
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 59.918 ug/l
RT: 1.87 min Scan# 136
Delta R.T. -0.01 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

Tgt Ion: 96 Resp: 502
Ion Ratio Lower Upper
96 100
61 94.7 132.0 198.0#
98 0.0 51.3 76.9#





#13

Acrolein

Concen: 967.892 ug/l

RT: 2.01 min Scan# 150

Delta R.T. -0.11 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

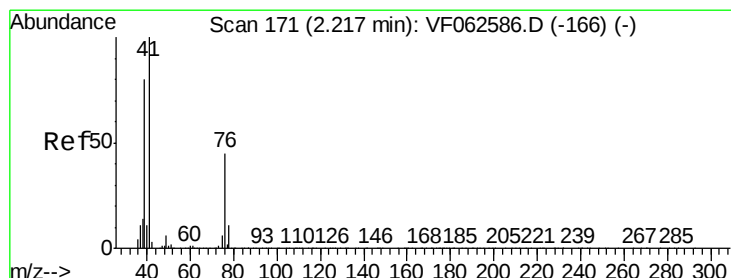
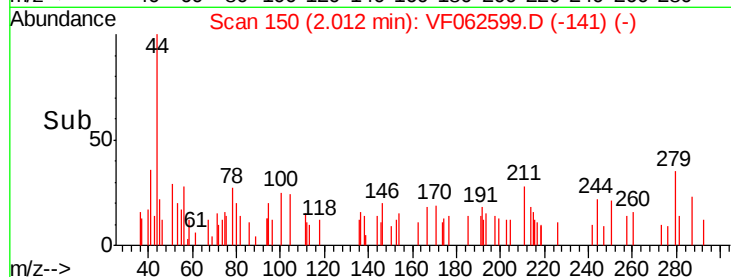
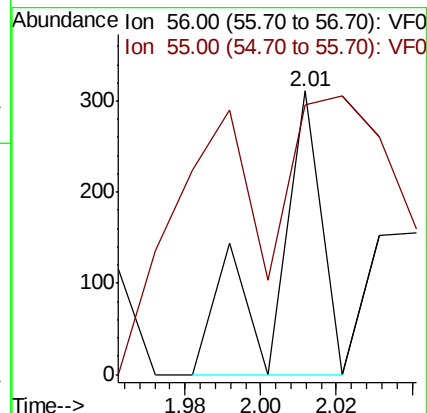
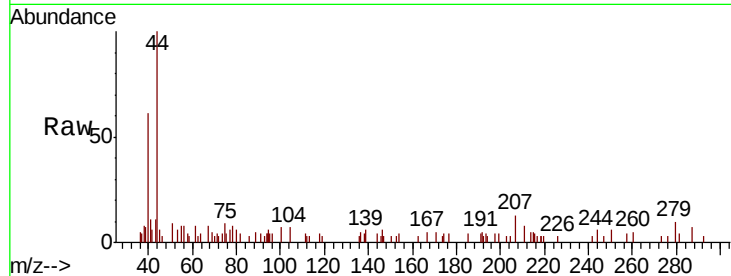
COMP-5.8.19

Tot Ion: 56 Resp: 269

Ion Ratio Lower Upper

56 100

55 95.2 64.6 96.8



#14

Allyl chloride

Concen: 35.578 ug/l

RT: 2.24 min Scan# 173

Delta R.T. 0.02 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

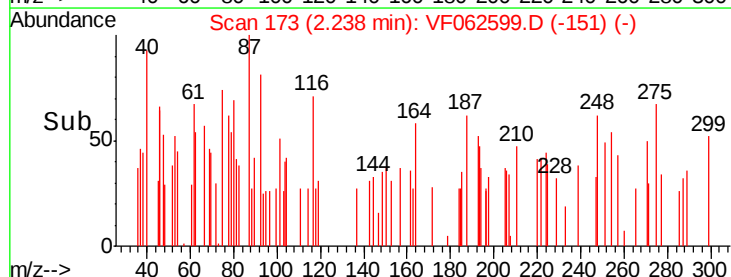
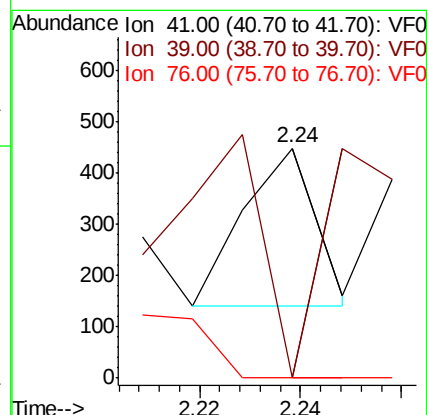
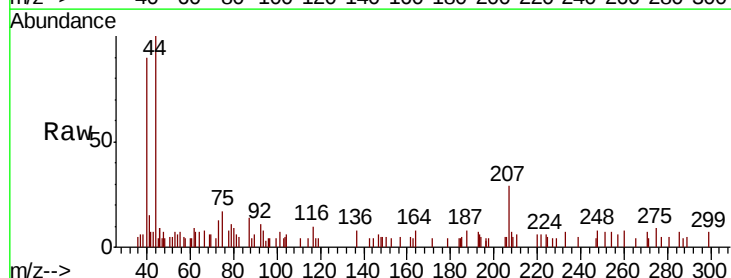
Tgt Ion: 41 Resp: 305

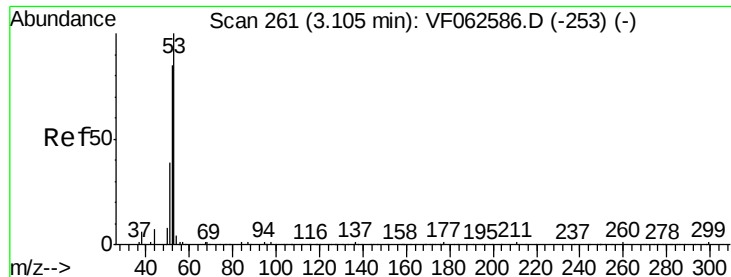
Ion Ratio Lower Upper

41 100

39 0.0 64.6 96.8#

76 0.0 36.1 54.1#





#15

Acrylonitrile

Concen: 389.968 ug/l

RT: 3.09 min Scan# 259

Delta R.T. -0.02 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleID :

COMP-5.8.19

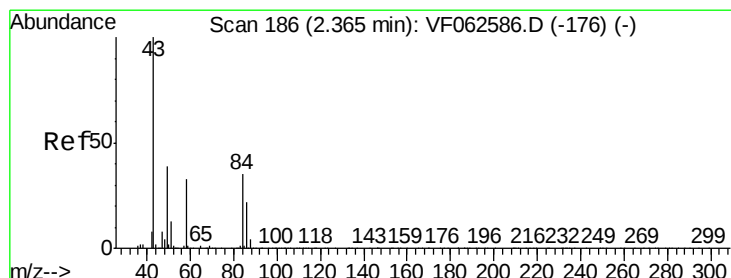
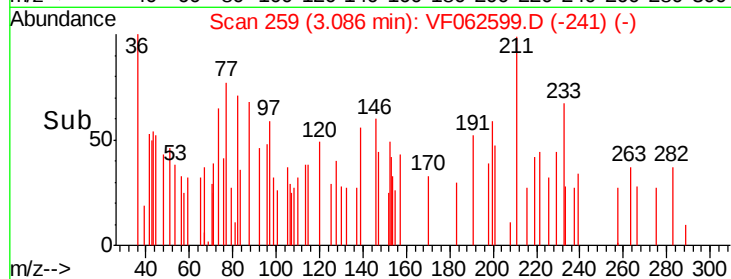
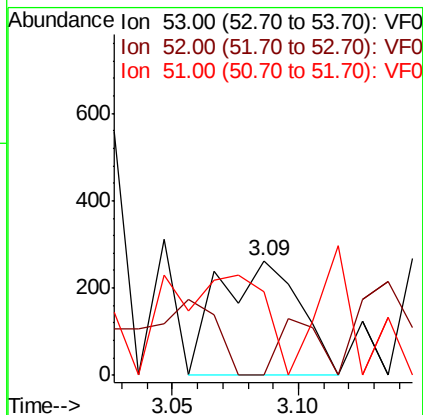
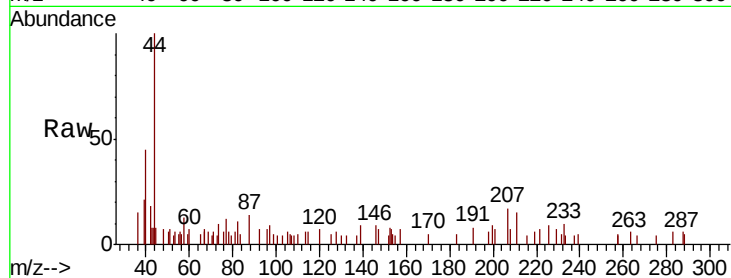
Tot Ion: 53 Resp: 585

Ion Ratio Lower Upper

53 100

52 0.0 68.3 102.5#

51 72.9 31.5 47.3#



#16

Acetone

Concen: 373.578 ug/l

RT: 2.45 min Scan# 194

Delta R.T. 0.08 min

Lab File: VF062599.D

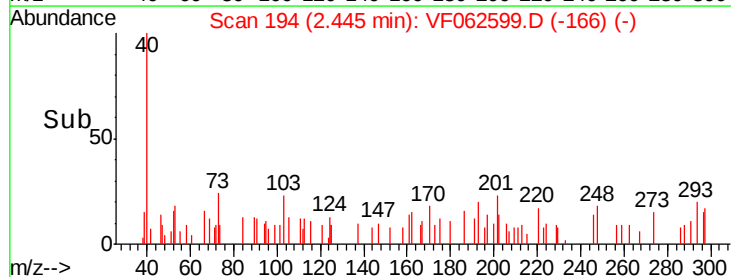
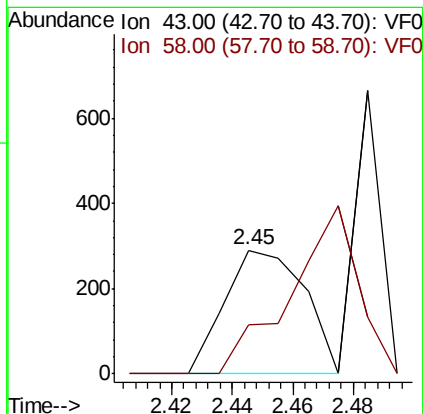
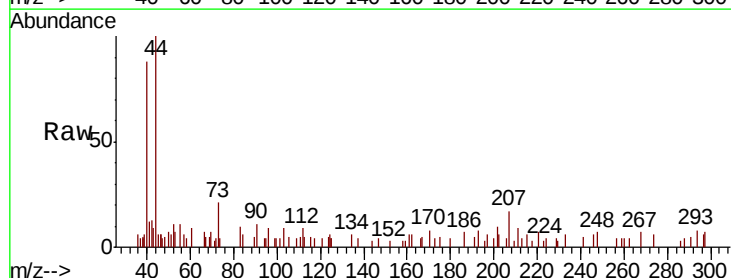
Acq: 15 May 2019 00:25

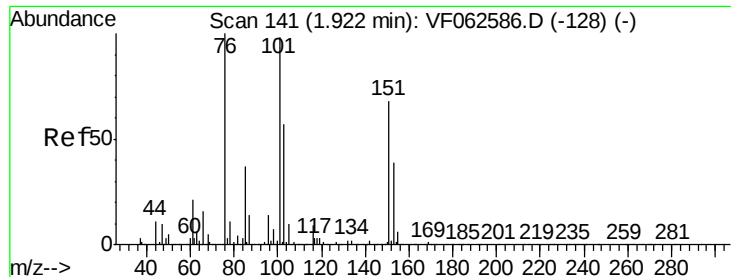
Tgt Ion: 43 Resp: 528

Ion Ratio Lower Upper

43 100

58 39.7 26.7 40.1

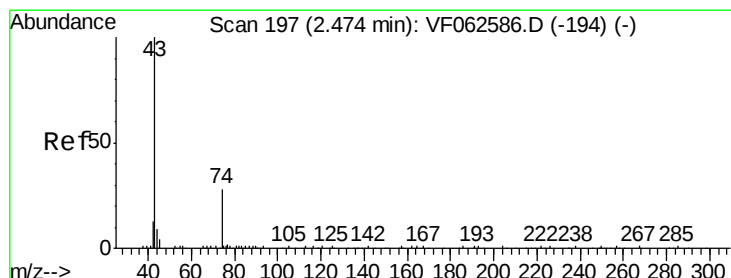
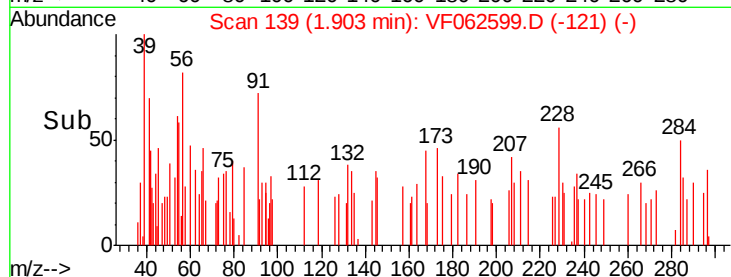
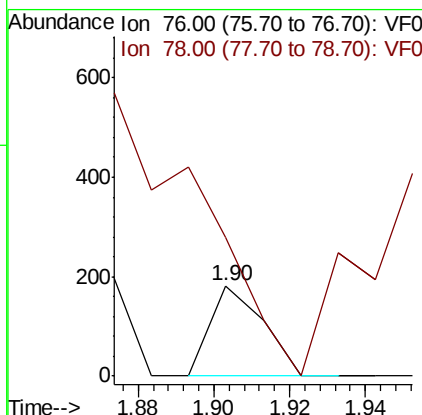
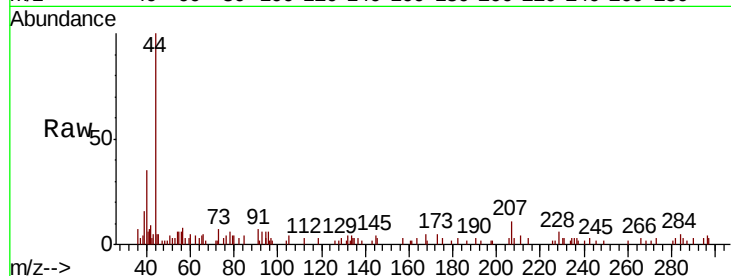




#17
Carbon Disulfide
Concen: 4.045 ug/l
RT: 1.90 min Scan# 139
Delta R.T. -0.02 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

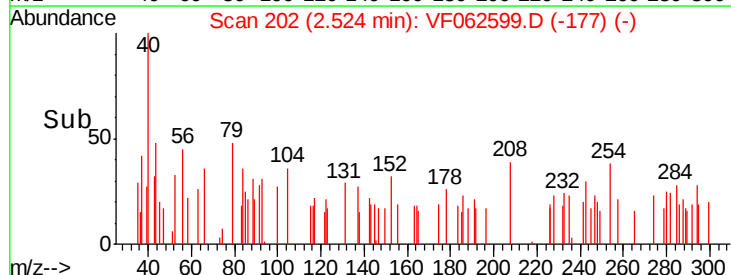
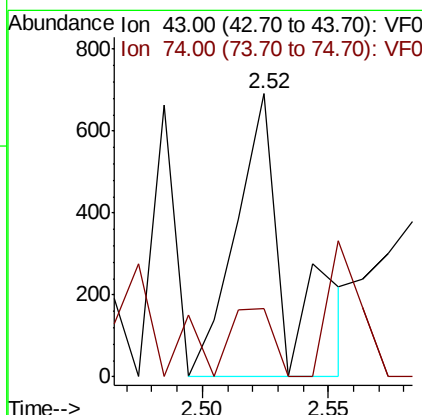
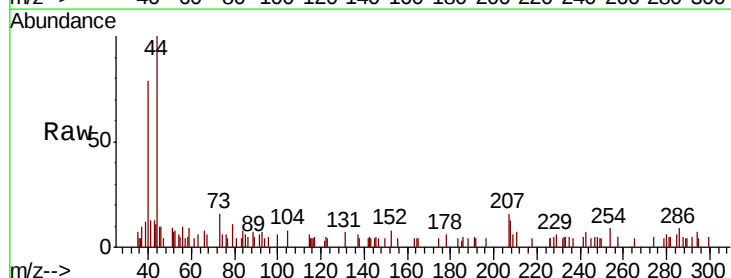
Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19

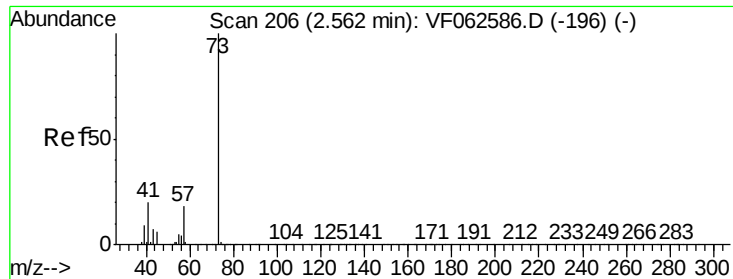
Tot Ion: 76 Resp: 174
Ion Ratio Lower Upper
76 100
78 152.7 9.0 13.4#



#18
Methyl Acetate
Concen: 381.110 ug/l
RT: 2.52 min Scan# 202
Delta R.T. 0.05 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

Tgt Ion: 43 Resp: 1012
Ion Ratio Lower Upper
43 100
74 24.0 21.4 32.0





#19

Methyl tert-butyl Ether

Concen: 45.250 ug/l

RT: 2.48 min Scan# 198

Delta R.T. -0.08 min

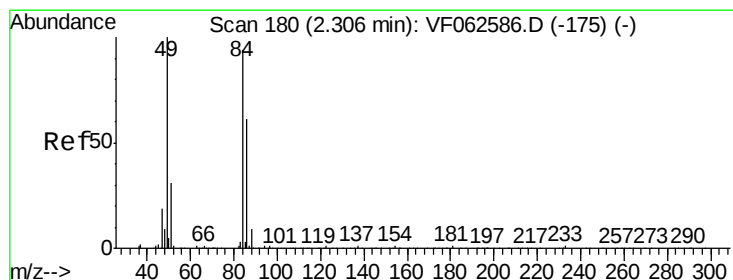
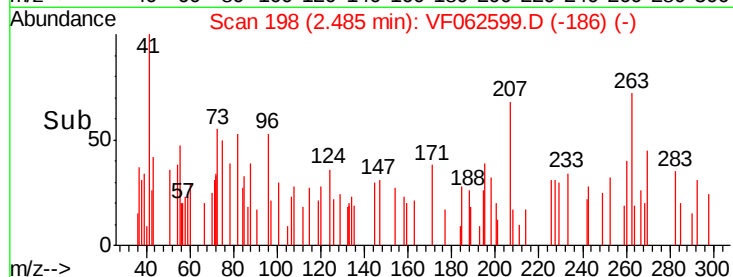
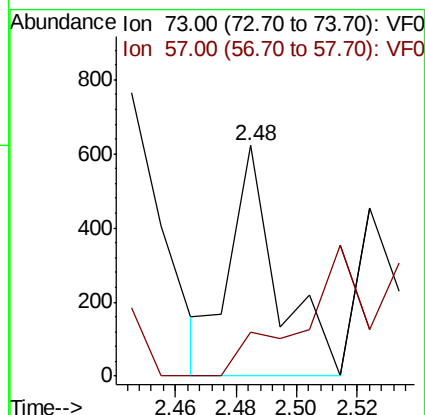
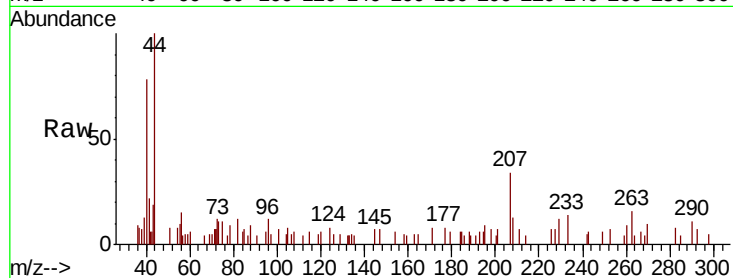
Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19

Tot Ion: 73 Resp: 675

Ion	Ratio	Lower	Upper
73	100		
57	18.9	14.6	22.0



#20

Methylene Chloride

Concen: 15.679 ug/l

RT: 2.33 min Scan# 182

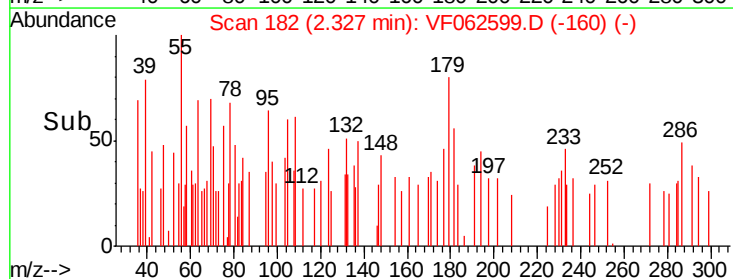
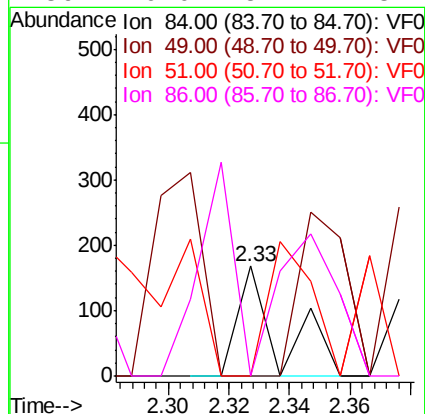
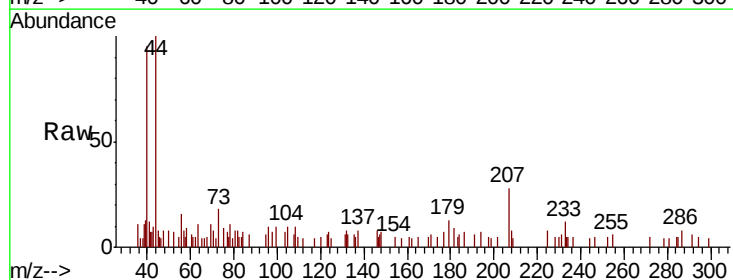
Delta R.T. 0.02 min

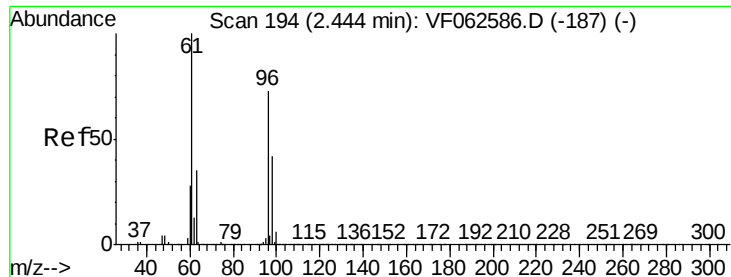
Lab File: VF062599.D

Acq: 15 May 2019 00:25

Tgt Ion: 84 Resp: 161

Ion	Ratio	Lower	Upper
84	100		
49	0.0	86.9	130.3#
51	0.0	27.0	40.6#
86	0.0	52.2	78.2#





#21

trans-1,2-Dichloroethene

Concen: 124.476 ug/l

RT: 2.44 min Scan# 193

Delta R.T. -0.01 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

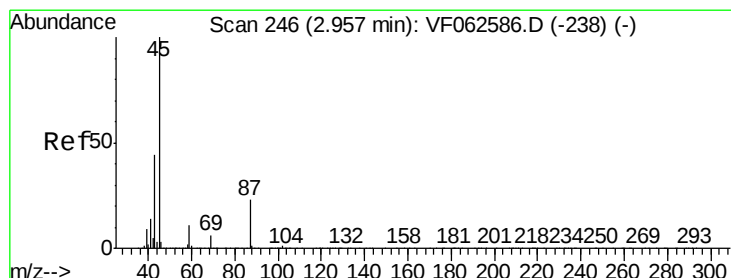
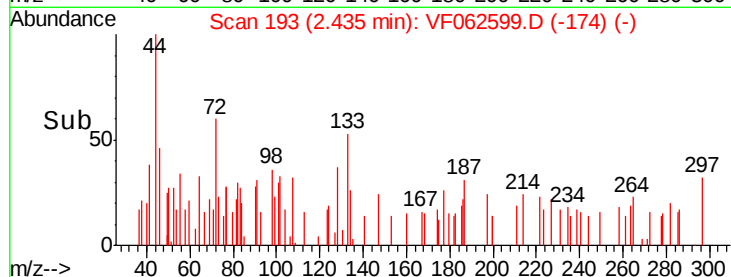
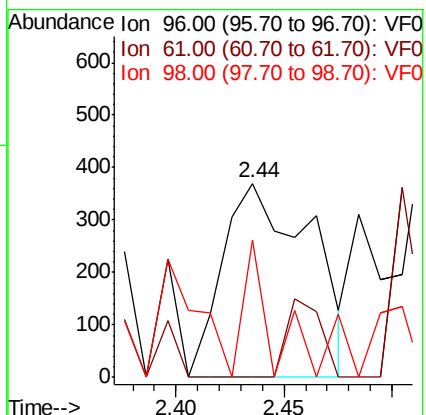
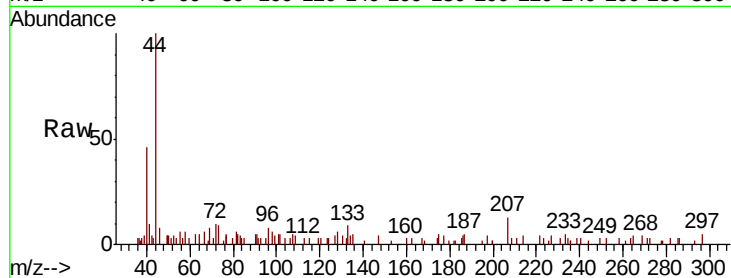
Tot Ion: 96 Resp: 1051

Ion Ratio Lower Upper

96 100

61 0.0 109.2 163.8#

98 71.1 46.3 69.5#



#22

Diisopropyl ether

Concen: 12.091 ug/l

RT: 3.00 min Scan# 250

Delta R.T. 0.04 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Tgt Ion: 45 Resp: 241

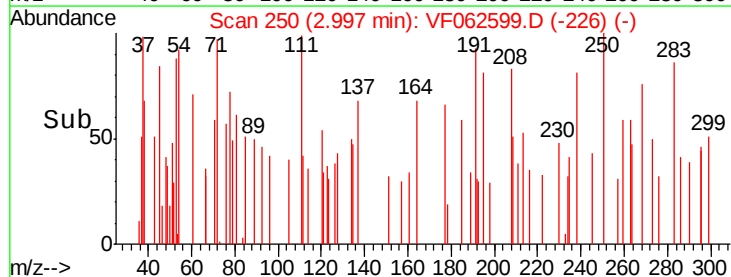
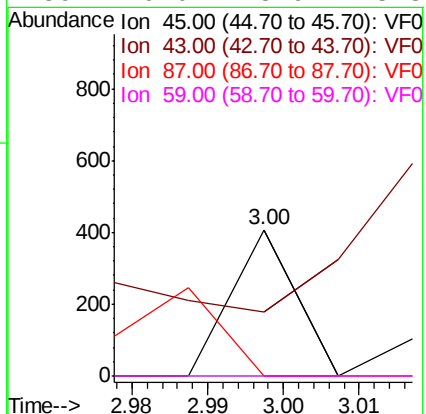
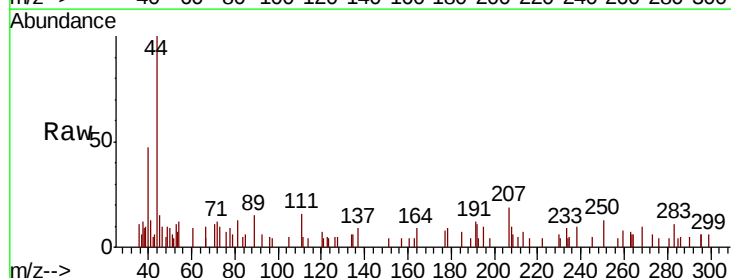
Ion Ratio Lower Upper

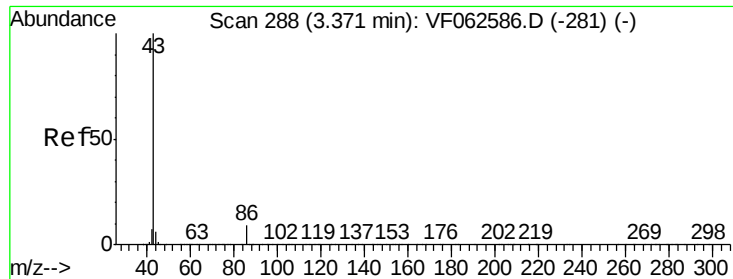
45 100

43 43.9 35.4 53.0

87 0.0 18.4 27.6#

59 0.0 8.9 13.3#





#23

Vinyl Acetate

Concen: 83.558 ug/l

RT: 3.37 min Scan# 288

Delta R.T. 0.00 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

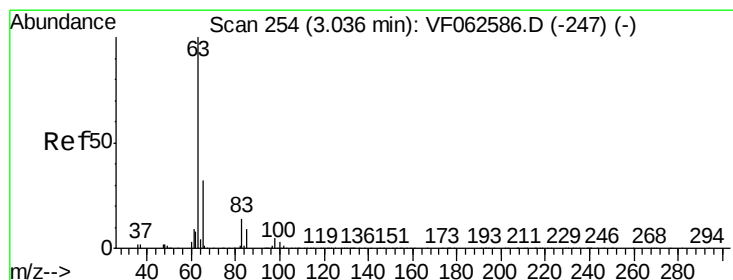
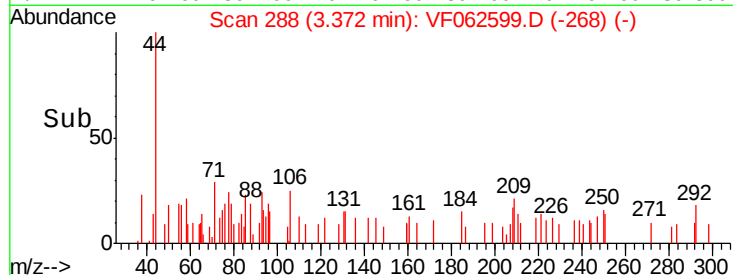
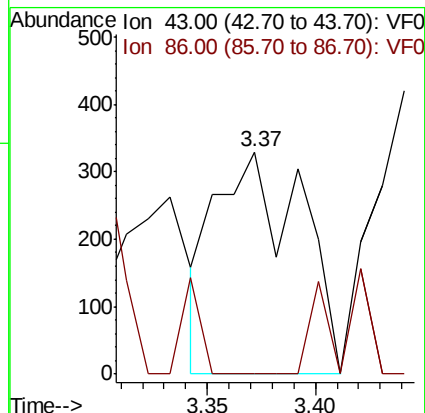
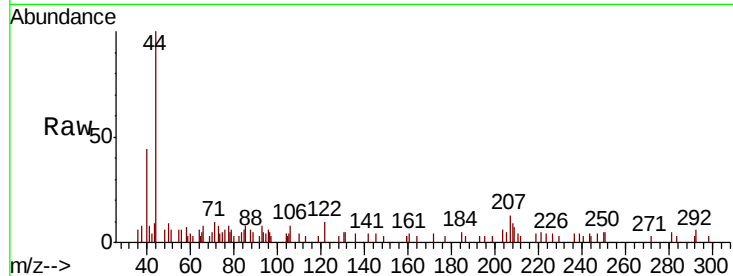
COMP-5.8.19

Tot Ion: 43 Resp: 911

Ion Ratio Lower Upper

43 100

86 0.0 7.1 10.7#



#24

1,1-Dichloroethane

Concen: 9.622 ug/l

RT: 3.06 min Scan# 256

Delta R.T. 0.02 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

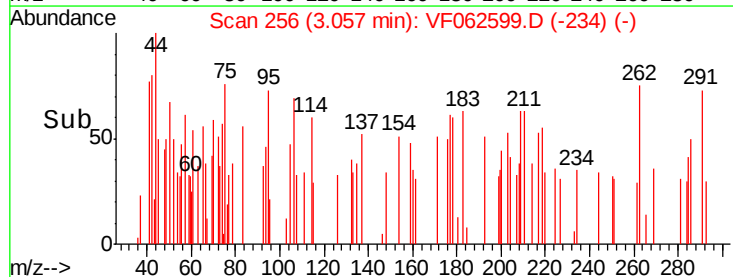
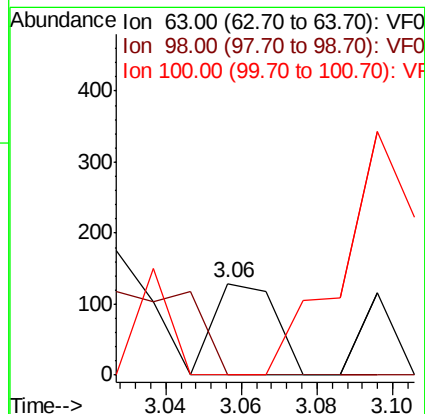
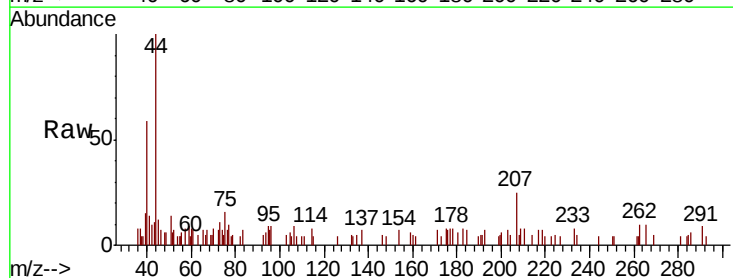
Tgt Ion: 63 Resp: 146

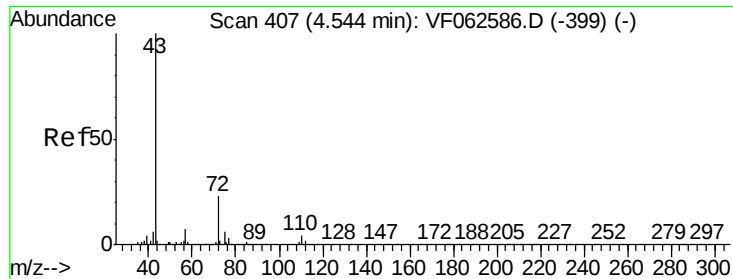
Ion Ratio Lower Upper

63 100

98 0.0 2.6 7.8#

100 0.0 1.7 5.1#





#25

2-Butanone

Concen: 116.109 ug/l

RT: 4.66 min Scan# 419

Delta R.T. 0.12 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

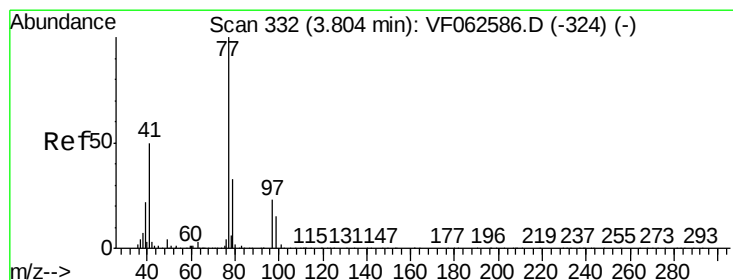
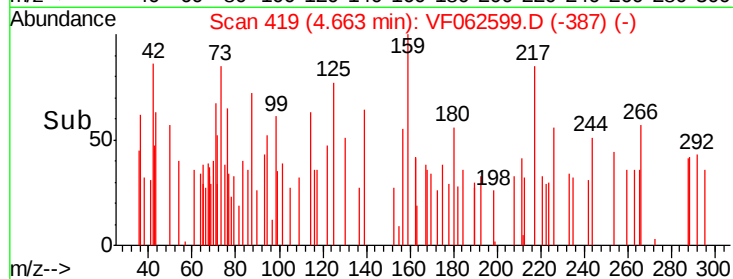
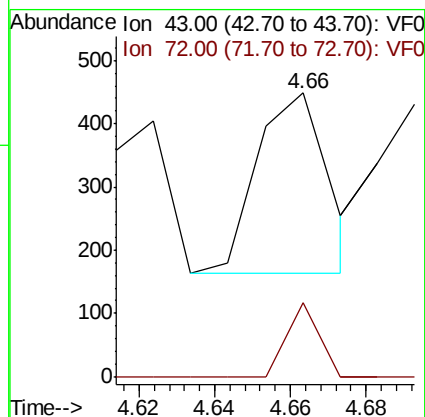
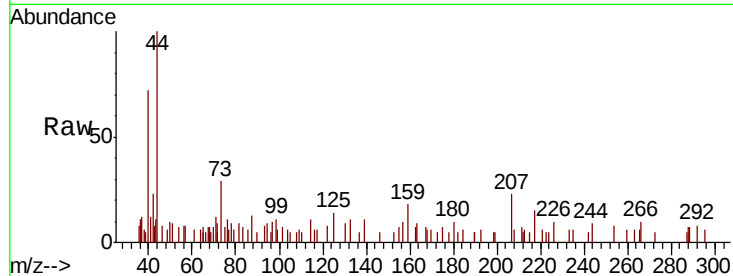
COMP-5.8.19

Tot Ion: 43 Resp: 371

Ion Ratio Lower Upper

43 100

72 26.1 18.5 27.7



#26

2,2-Dichloropropane

Concen: 83.159 ug/l

RT: 3.81 min Scan# 332

Delta R.T. 0.00 min

Lab File: VF062599.D

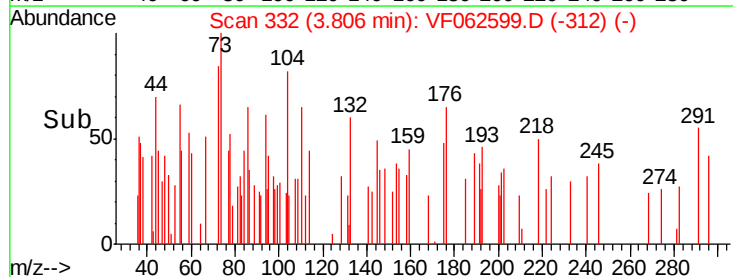
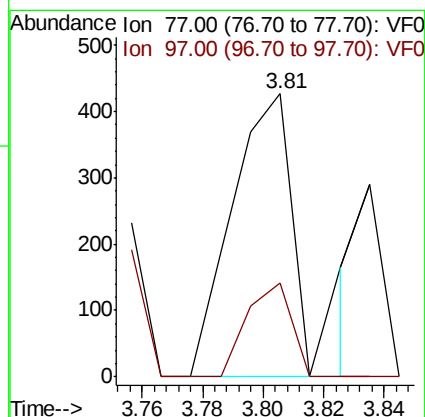
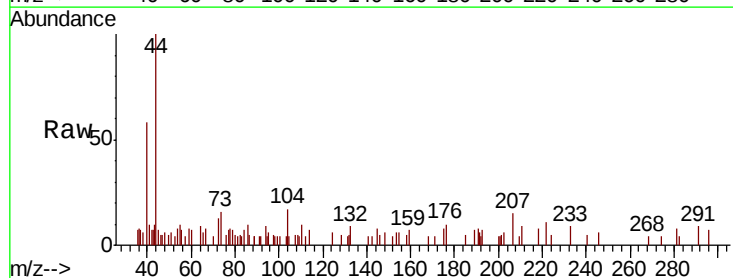
Acq: 15 May 2019 00:25

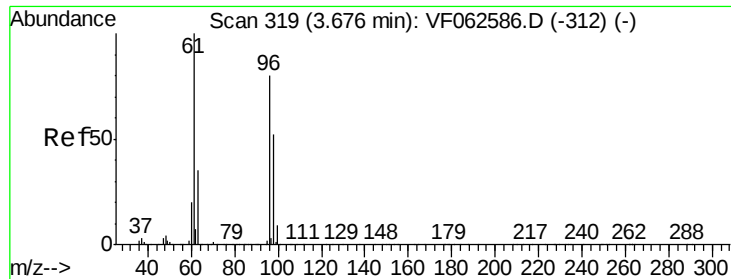
Tgt Ion: 77 Resp: 681

Ion Ratio Lower Upper

77 100

97 33.3 12.0 36.0



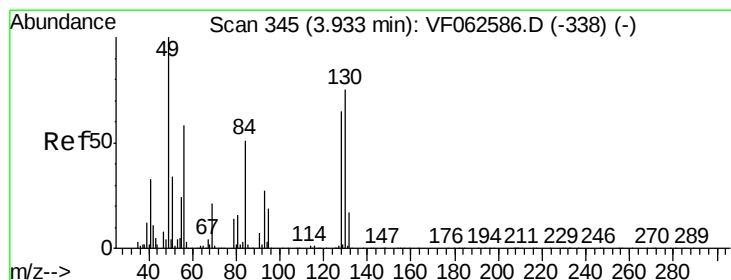
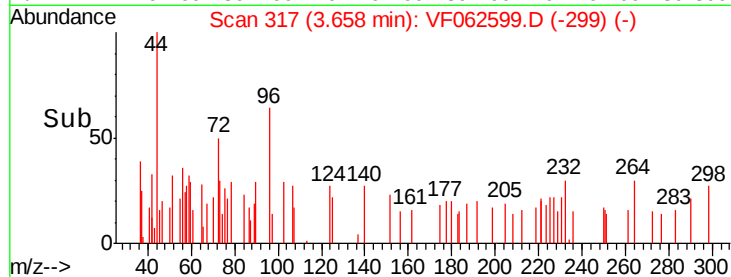
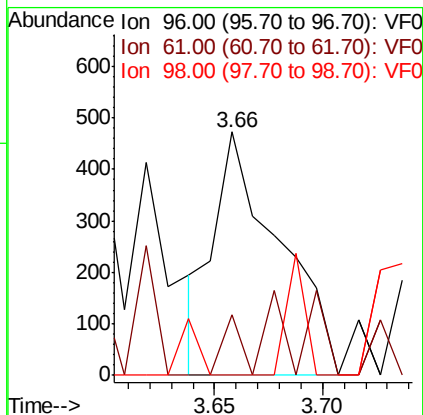
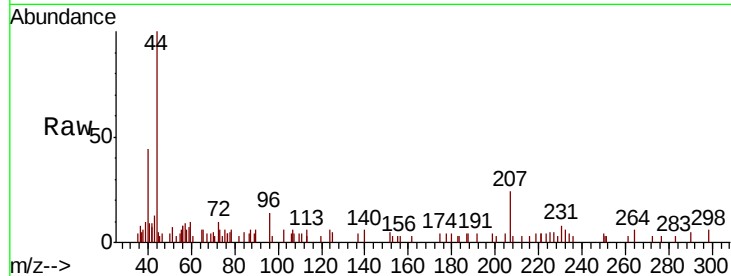


#27

cis-1,2-Dichloroethene
Concen: 83.074 ug/l
RT: 3.66 min Scan# 317
Delta R.T. -0.02 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

Instrument :
MSVOA_F
ClientSampled :
COMP-5.8.19

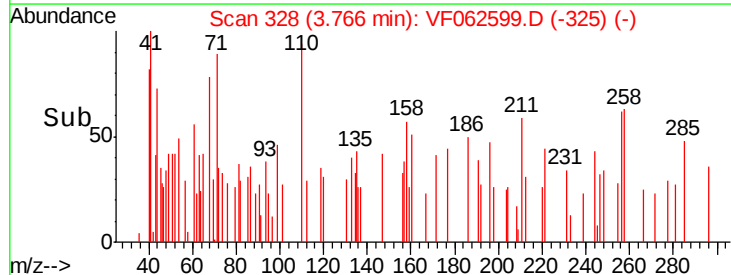
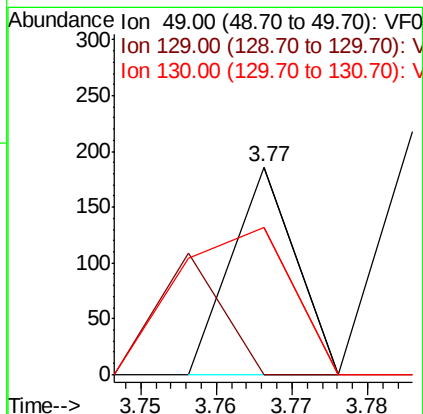
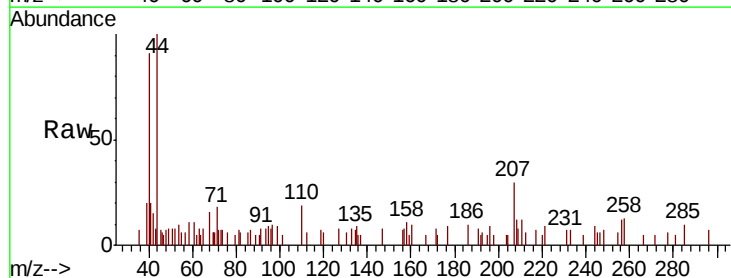
Tot Ion: 96 Resp: 991
Ion Ratio Lower Upper
96 100
61 24.9 0.0 251.4
98 0.0 0.0 129.8

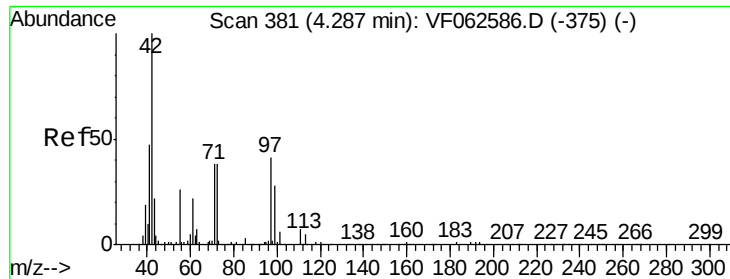


#28

Bromochloromethane
Concen: 12.897 ug/l
RT: 3.77 min Scan# 328
Delta R.T. -0.17 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

Tgt Ion: 49 Resp: 110
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 71.0 59.7 89.5





#29

Tetrahydrofuran

Concen: 335.761 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampled :

COMP-5.8.19

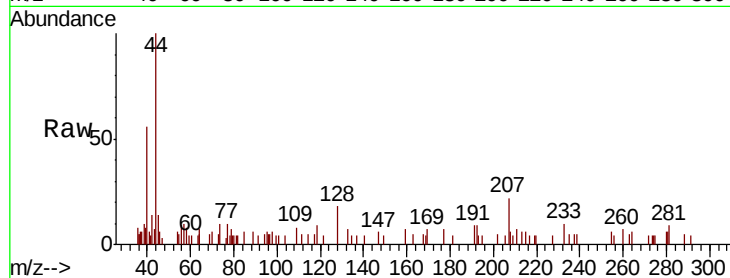
Tot Ion: 42 Resp: 454

Ion Ratio Lower Upper

42 100

72 29.7 34.0 51.0#

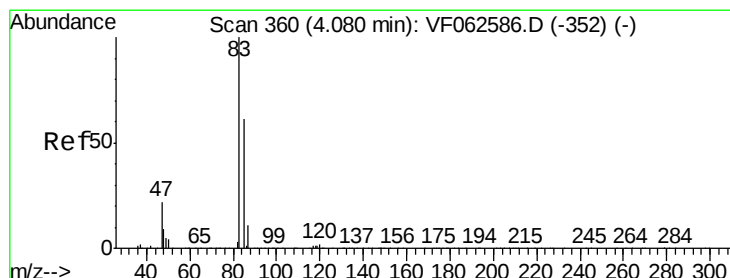
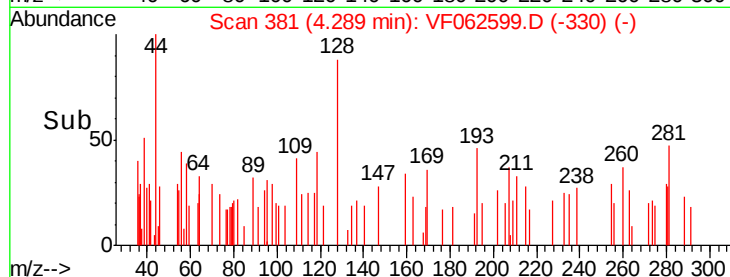
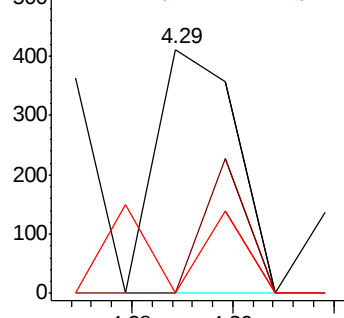
71 37.9 32.8 49.2



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: 9.502 ug/l

RT: 4.00 min Scan# 352

Delta R.T. -0.08 min

Lab File: VF062599.D

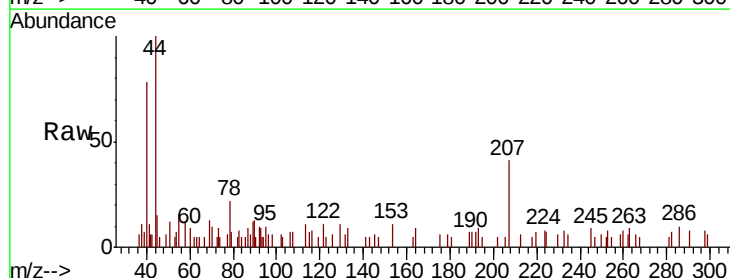
Acq: 15 May 2019 00:25

Tgt Ion: 83 Resp: 173

Ion Ratio Lower Upper

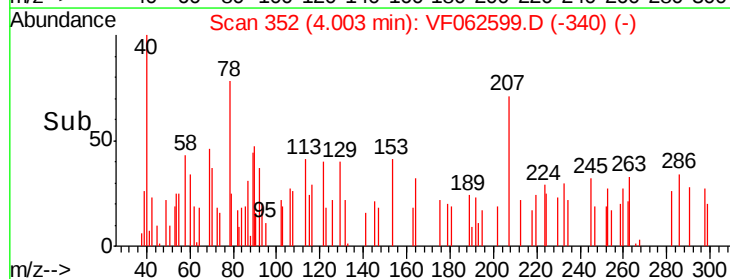
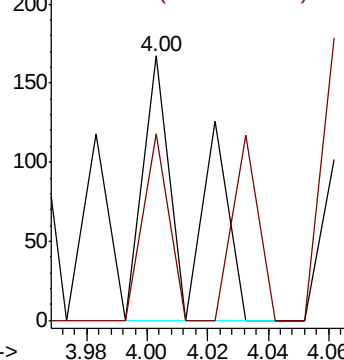
83 100

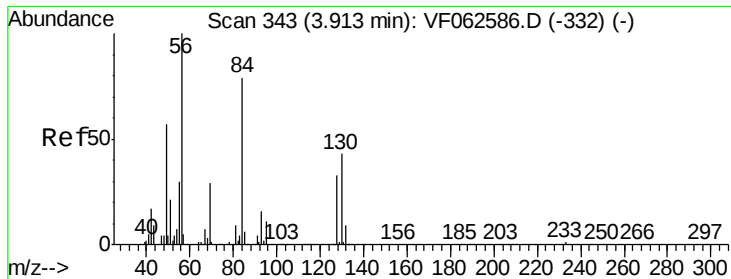
85 70.7 48.7 73.1



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0





#31

Cyclohexane

Concen: 11.508 ug/l

RT: 3.95 min Scan# 347

Delta R.T. 0.04 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

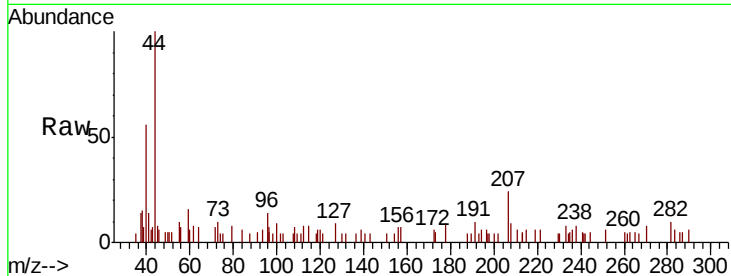
Tot Ion: 56 Resp: 182

Ion Ratio Lower Upper

56 100

69 0.0 22.9 34.3#

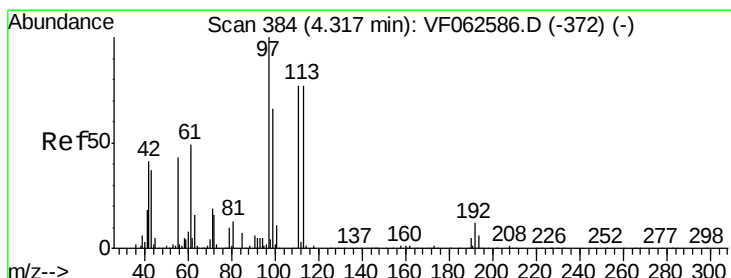
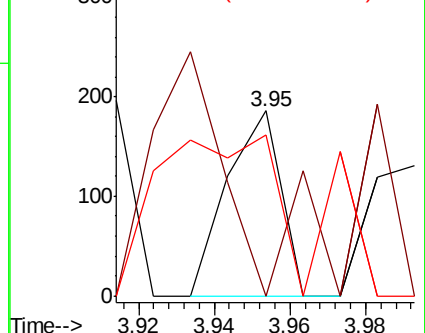
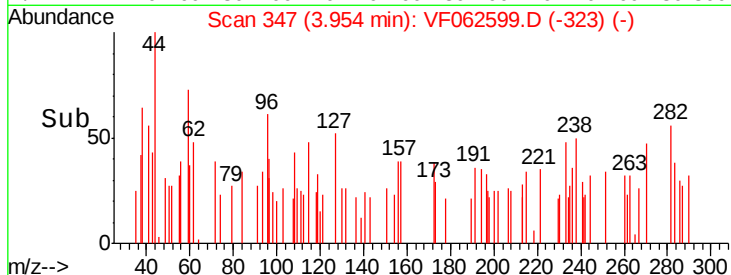
84 87.1 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



#32

1,1,1-Trichloroethane

Concen: 36.422 ug/l

RT: 4.34 min Scan# 386

Delta R.T. 0.02 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

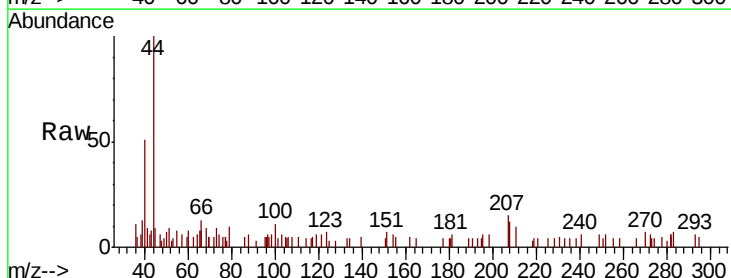
Tgt Ion: 97 Resp: 447

Ion Ratio Lower Upper

97 100

99 0.0 53.4 80.0#

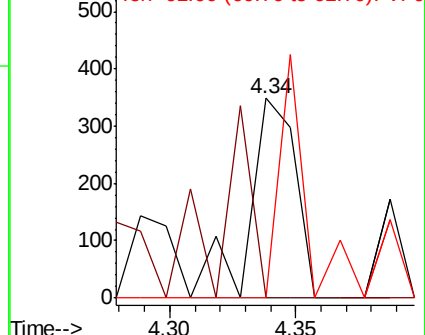
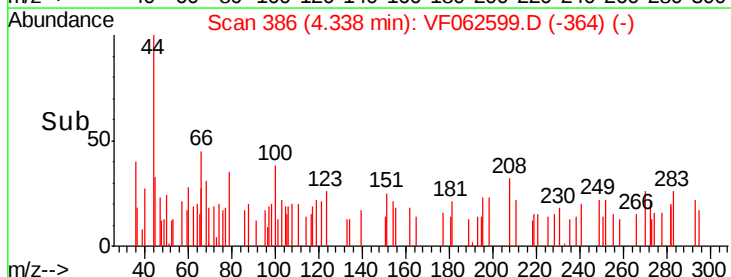
61 0.0 38.9 58.3#

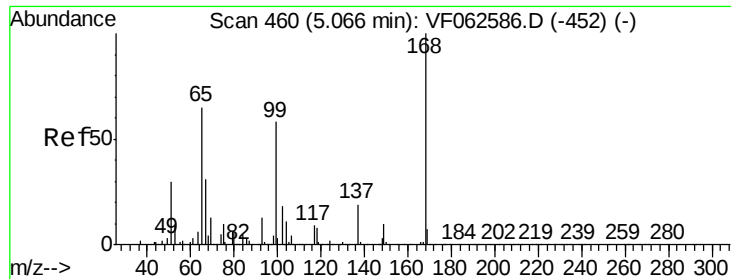


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 28.427 ug/l

RT: 5.09 min Scan# 462

Delta R.T. 0.02 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

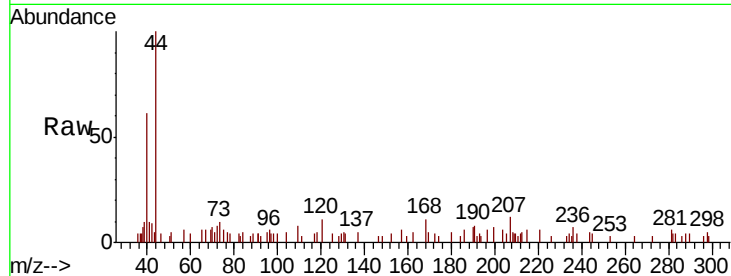
COMP-5.8.19

Tot Ion: 65 Resp: 198

Ion Ratio Lower Upper

65 100

67 100.0 0.0 116.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

300

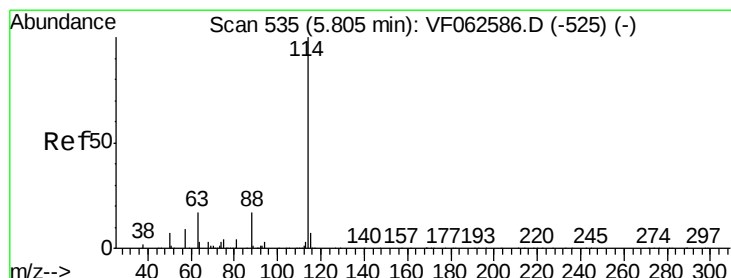
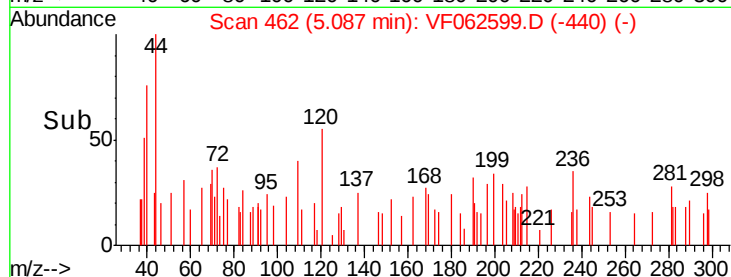
200

100

0

5.06 5.08 5.10 5.12

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.95 min Scan# 550

Delta R.T. 0.15 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

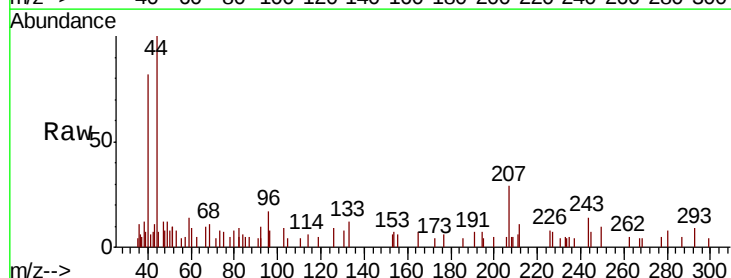
Tgt Ion: 114 Resp: 98

Ion Ratio Lower Upper

114 100

63 0.0 0.0 34.6

88 0.0 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

250

200

150

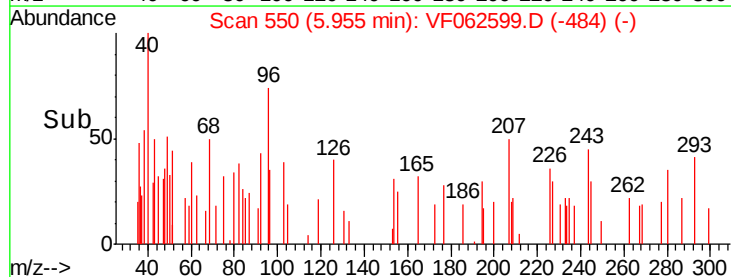
100

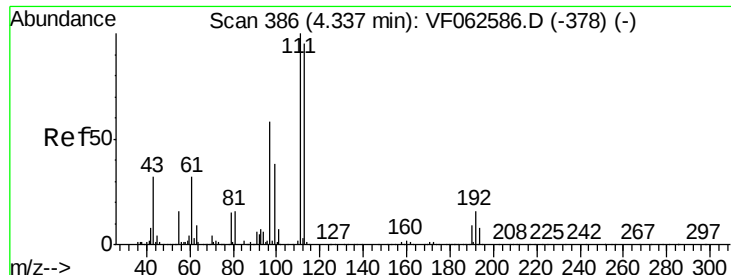
50

0

5.94 5.95 5.96 5.97

Time-->





#35

Dibromofluoromethane

Concen: 83.631 ug/l

RT: 4.44 min Scan# 396

Delta R.T. 0.10 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

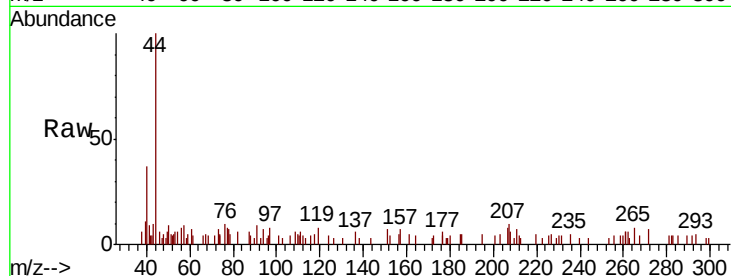
Tot Ion:113 Resp: 61

Ion Ratio Lower Upper

113 100

111 210.7 83.9 125.9#

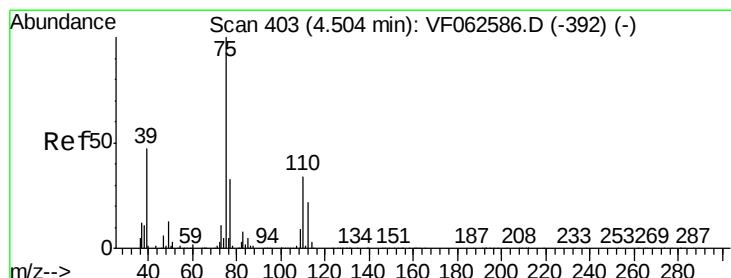
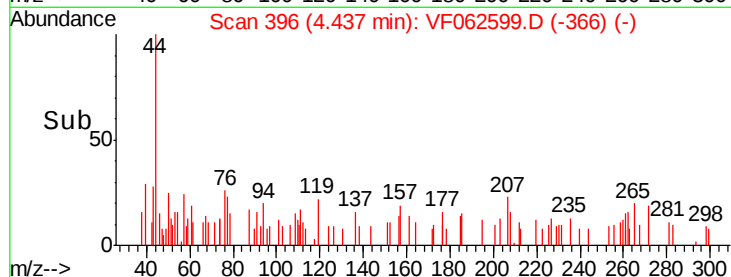
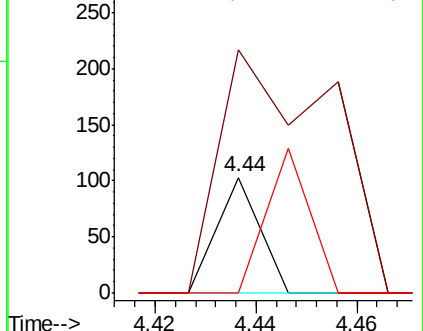
192 0.0 13.7 20.5#



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: 108.492 ug/l

RT: 4.62 min Scan# 415

Delta R.T. 0.12 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

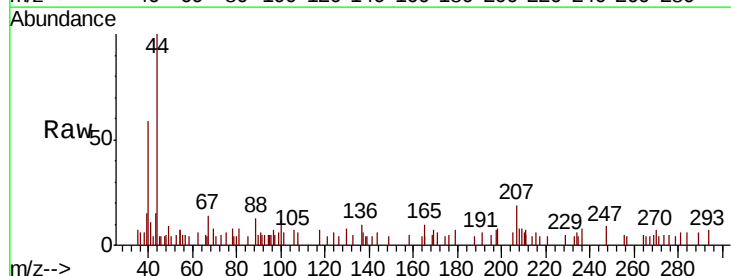
Tgt Ion: 75 Resp: 92

Ion Ratio Lower Upper

75 100

110 0.0 17.3 51.7#

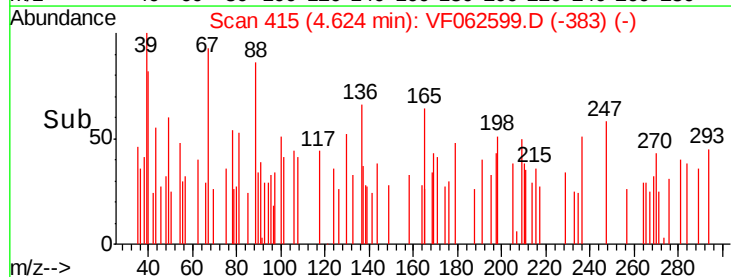
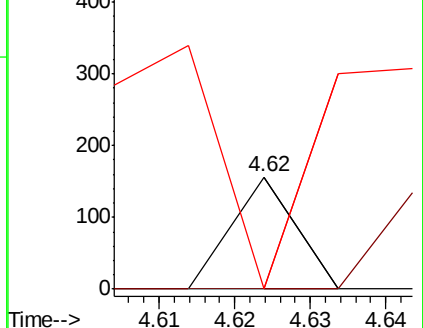
77 0.0 26.4 39.6#

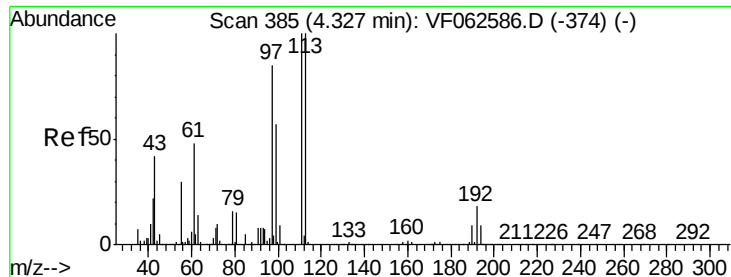


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

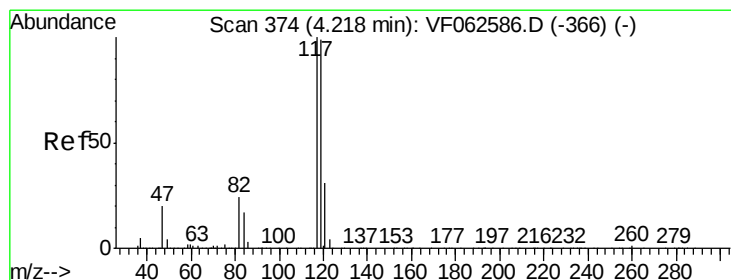
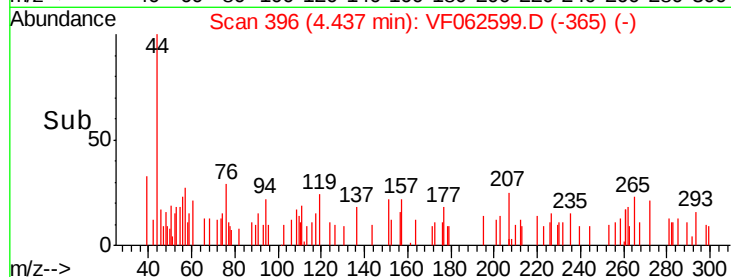
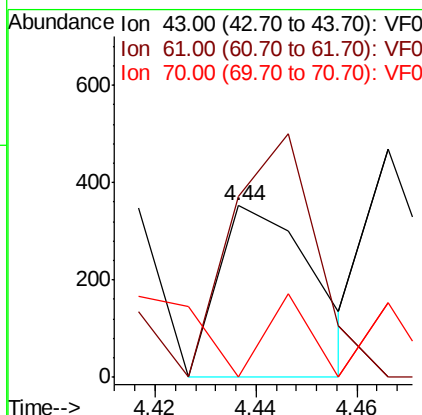
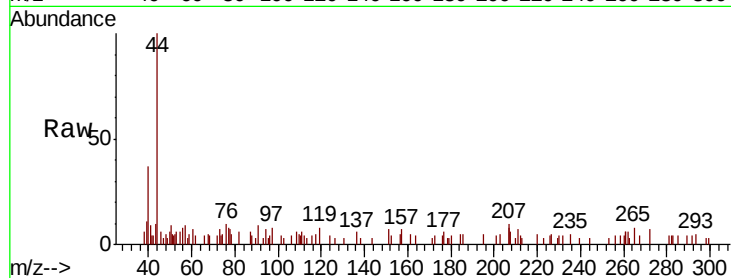




#37
Ethyl Acetate
Concen: 1334.396 ug/l
RT: 4.44 min Scan# 396
Delta R.T. 0.11 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

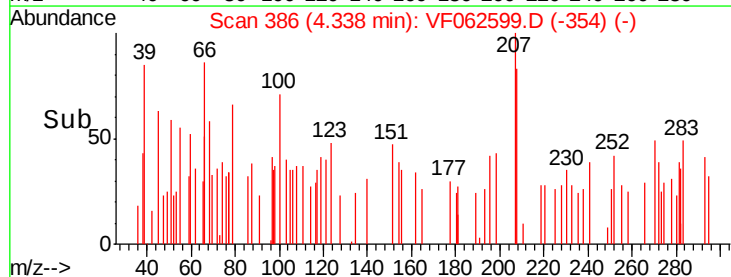
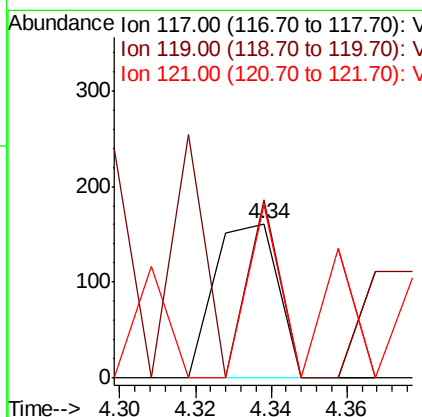
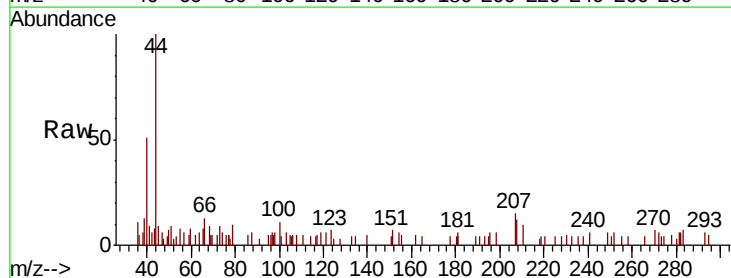
Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19

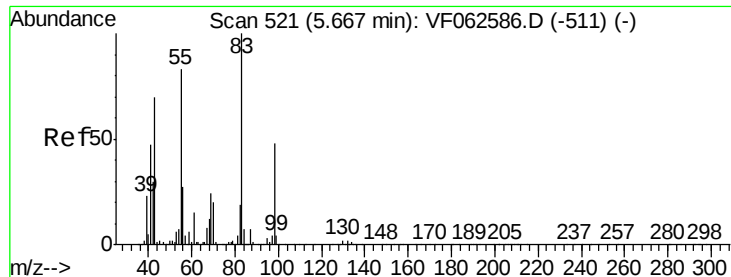
Tot Ion: 43 Resp: 465
Ion Ratio Lower Upper
43 100
61 105.7 88.6 132.8
70 0.0 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 264.507 ug/l
RT: 4.34 min Scan# 386
Delta R.T. 0.12 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

Tgt Ion: 117 Resp: 184
Ion Ratio Lower Upper
117 100
119 115.5 79.0 118.6
121 112.4 25.0 37.6#

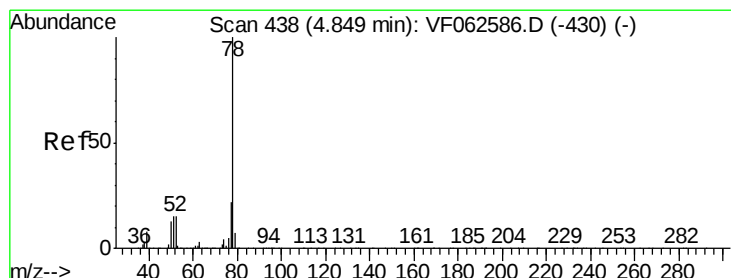
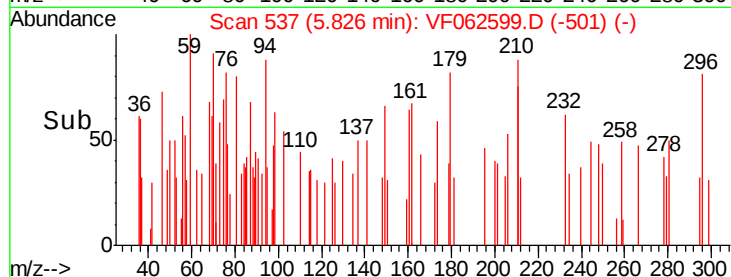
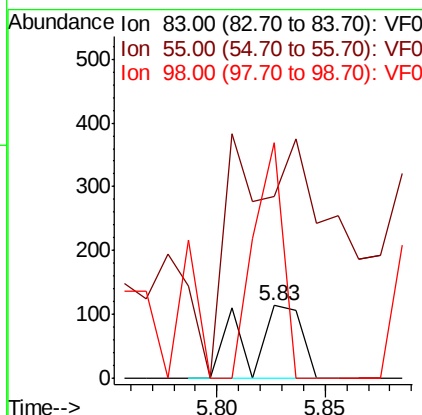
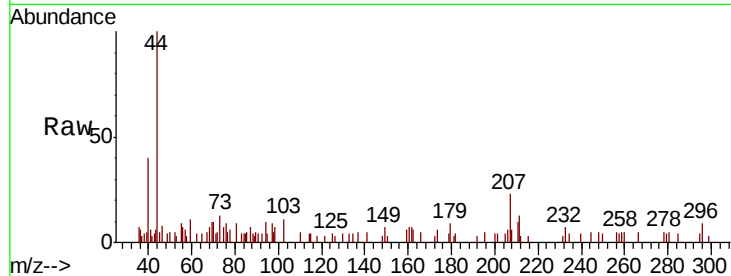




#39
Methylcyclohexane
Concen: 194.388 ug/l
RT: 5.83 min Scan# 537
Delta R.T. 0.16 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

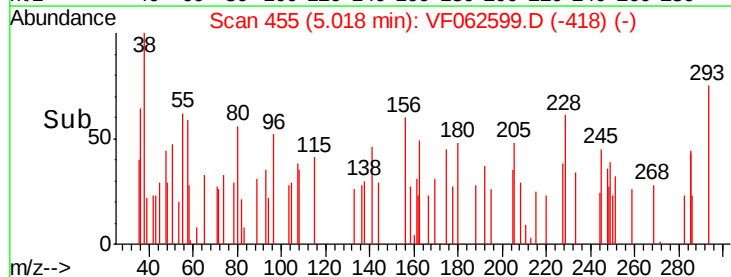
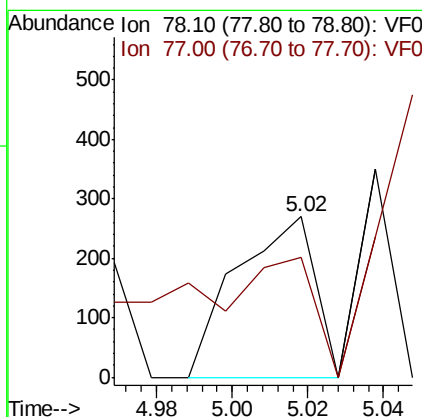
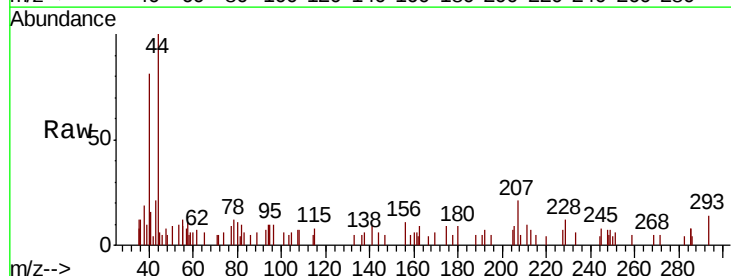
Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19

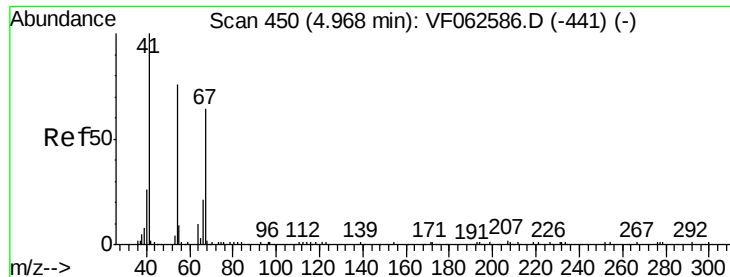
Tot Ion: 83 Resp: 193
Ion Ratio Lower Upper
83 100
55 432.7 66.6 100.0#
98 326.5 38.3 57.5#



#40
Benzene
Concen: 160.417 ug/l
RT: 5.02 min Scan# 455
Delta R.T. 0.17 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

Tgt Ion: 78 Resp: 387
Ion Ratio Lower Upper
78 100
77 74.4 17.7 26.5#





#41

Methacrylonitrile

Concen: 2336.142 ug/l

RT: 5.12 min Scan# 465

Delta R.T. 0.15 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

Tot Ion: 41 Resp: 461

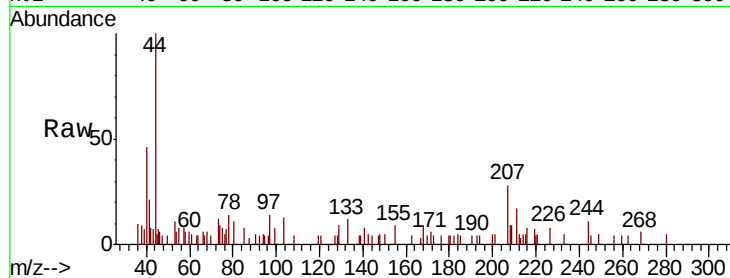
Ion Ratio Lower Upper

41 100

39 35.2 40.8 61.2#

67 17.6 50.2 75.2#

52 0.0 36.8 55.2#

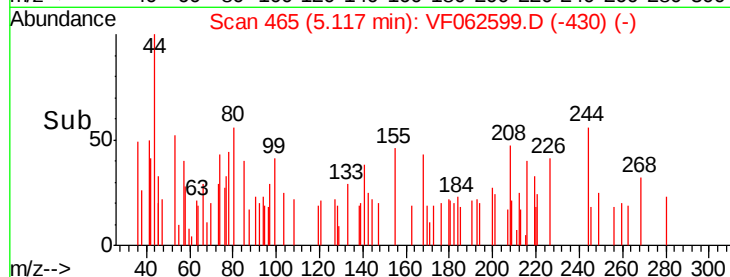
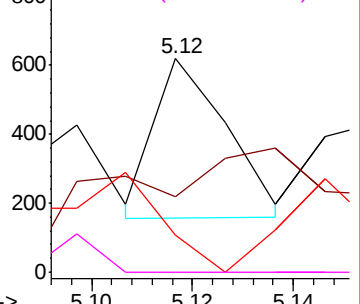


Abundance Ion 41.00 (40.70 to 41.70): VF0

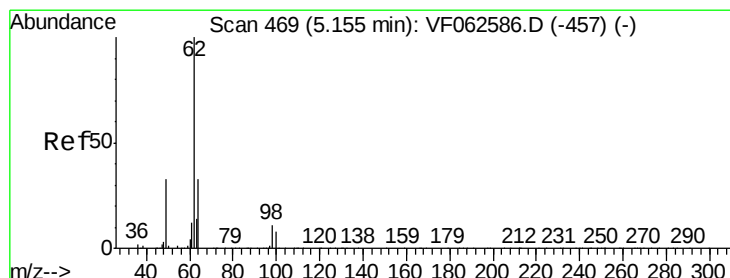
Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



Time-->



#42

1,2-Dichloroethane

Concen: 222.684 ug/l

RT: 5.37 min Scan# 491

Delta R.T. 0.22 min

Lab File: VF062599.D

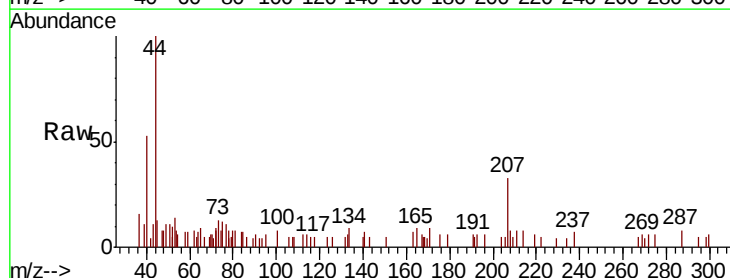
Acq: 15 May 2019 00:25

Tgt Ion: 62 Resp: 114

Ion Ratio Lower Upper

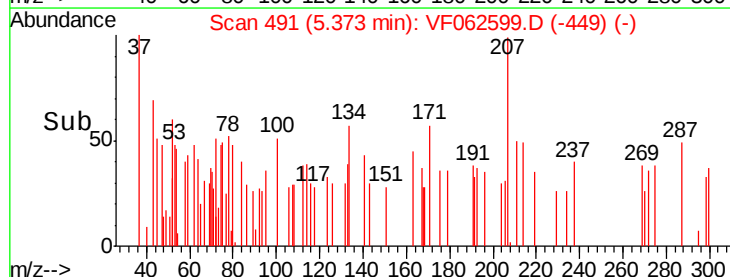
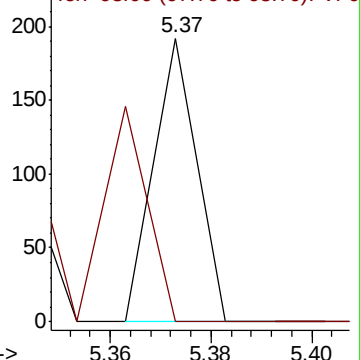
62 100

98 0.0 0.0 22.2

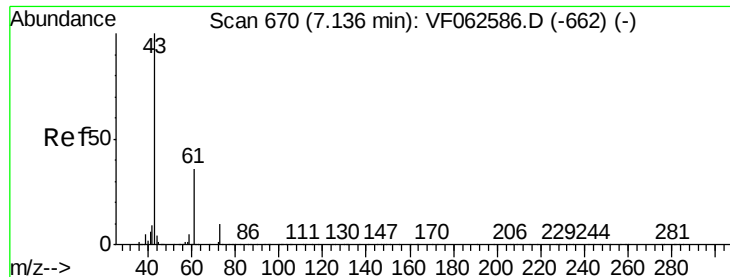


Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



Time-->



#43

Isopropyl Acetate

Concen: 1127.655 ug/l

RT: 7.31 min Scan# 688

Delta R.T. 0.18 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

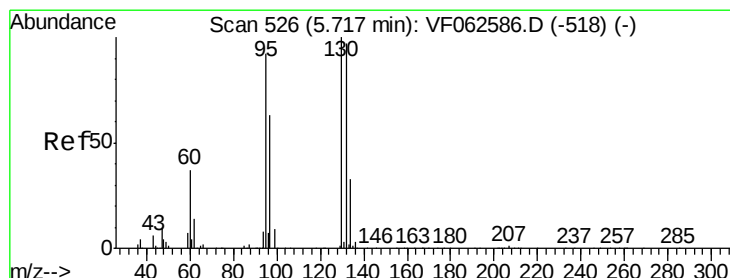
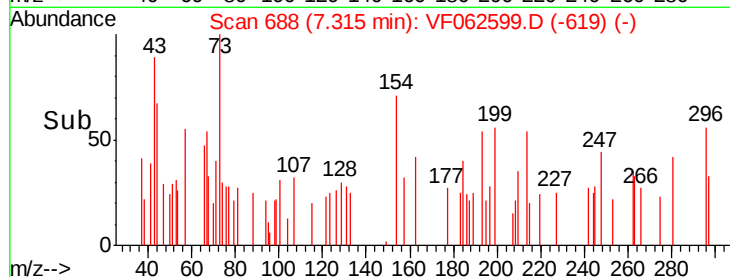
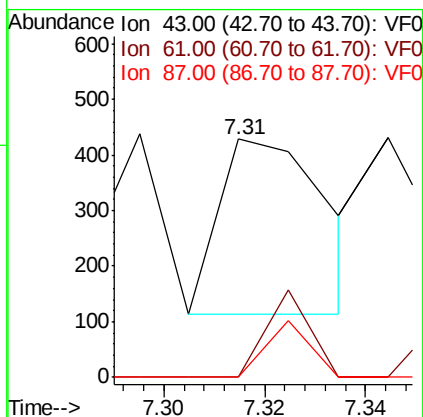
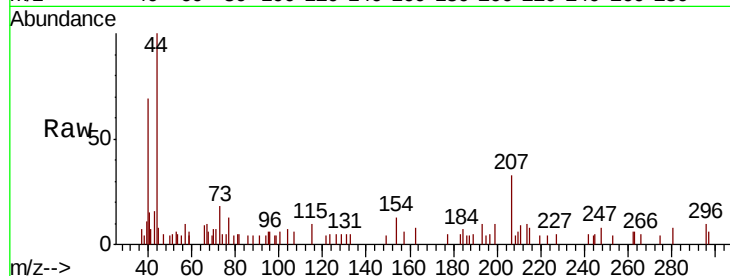
Tot Ion: 43 Resp: 465

Ion Ratio Lower Upper

43 100

61 0.0 28.5 42.7#

87 0.0 0.4 0.6#



#44

Trichloroethene

Concen: 392.932 ug/l

RT: 5.90 min Scan# 544

Delta R.T. 0.18 min

Lab File: VF062599.D

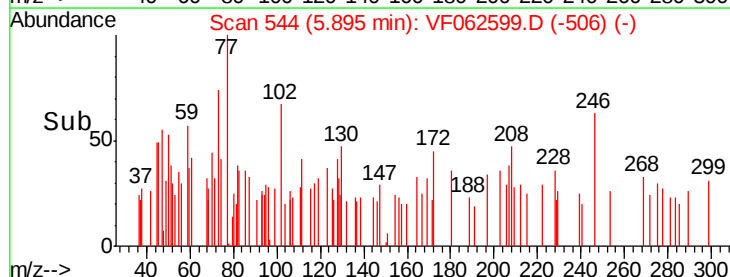
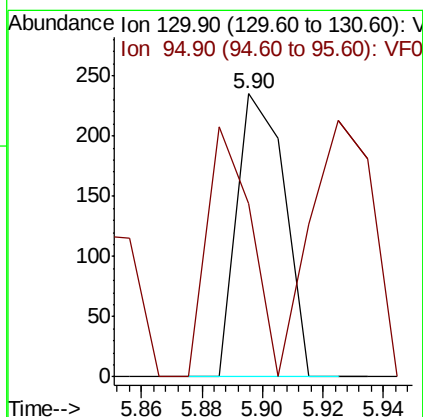
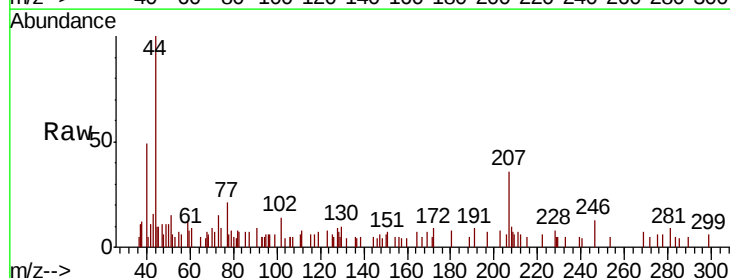
Acq: 15 May 2019 00:25

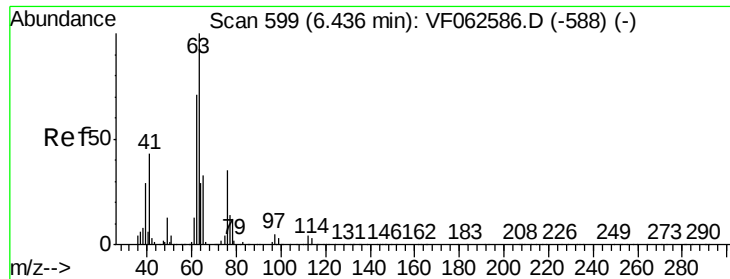
Tgt Ion: 130 Resp: 256

Ion Ratio Lower Upper

130 100

95 61.3 0.0 185.0





#45

1,2-Dichloropropane

Concen: 1175.812 ug/l

RT: 6.52 min Scan# 607

Delta R.T. 0.08 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

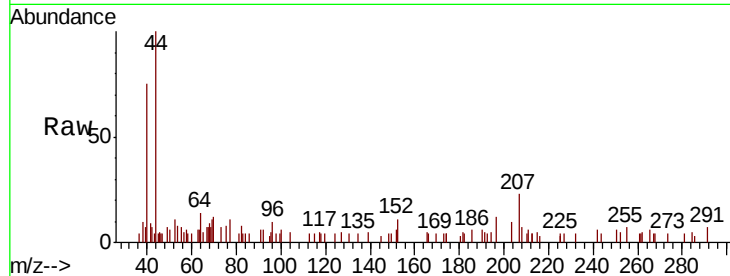
COMP-5.8.19

Tot Ion: 63 Resp: 714

Ion Ratio Lower Upper

63 100

65 38.1 26.2 39.4



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

400

300

200

100

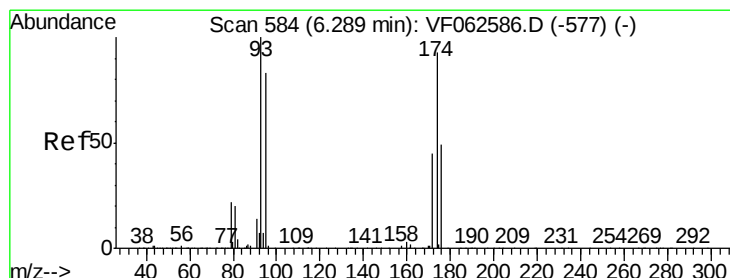
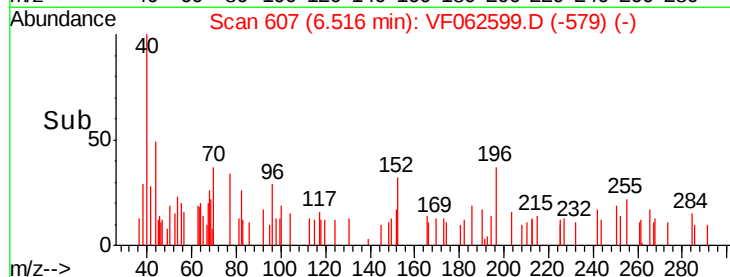
0

6.45

6.50

6.55

Time-->



#46

Dibromomethane

Concen: 562.592 ug/l

RT: 6.43 min Scan# 598

Delta R.T. 0.14 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

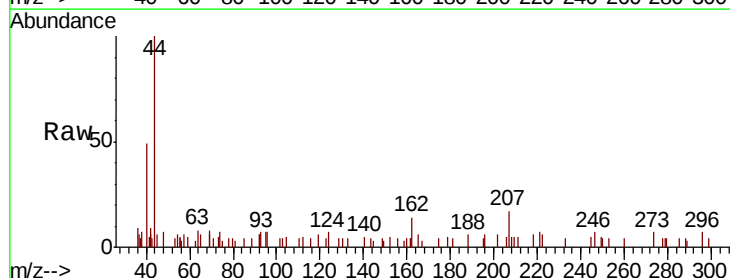
Tgt Ion: 93 Resp: 191

Ion Ratio Lower Upper

93 100

95 191.2 66.9 100.3#

174 60.5 74.6 112.0#



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

300

200

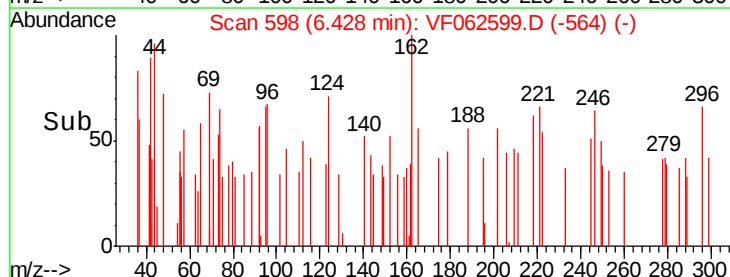
100

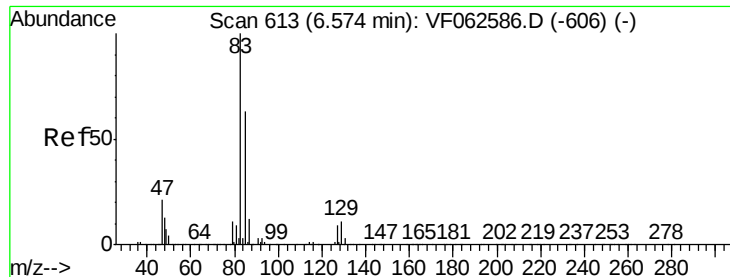
0

6.42

6.44

Time-->





#47

Bromodichloromethane

Concen: 591.913 ug/l

RT: 6.71 min Scan# 627

Delta R.T. 0.14 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

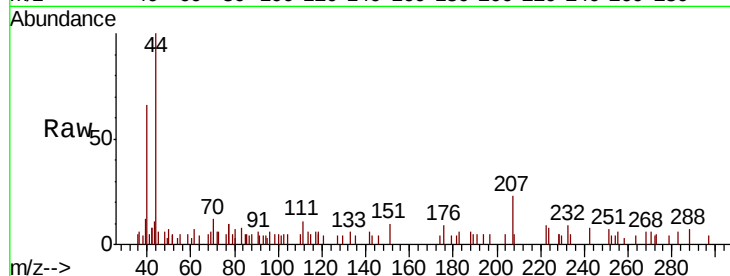
Tot Ion: 83 Resp: 432

Ion Ratio Lower Upper

83 100

85 60.9 50.3 75.5

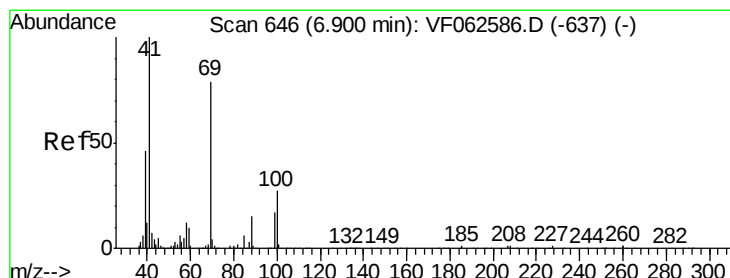
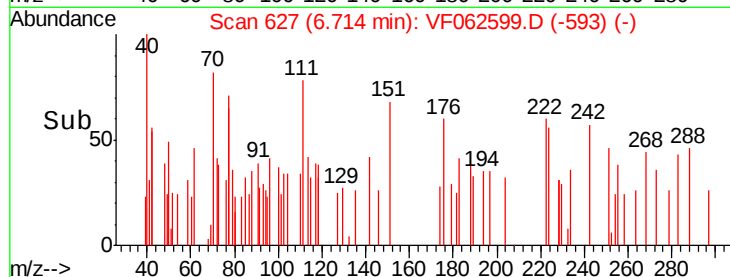
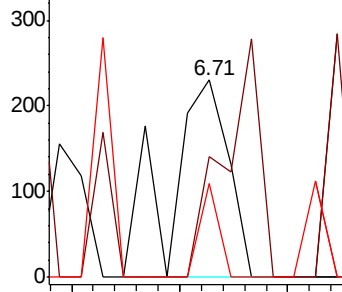
127 47.4 7.2 10.8#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 2126.590 ug/l

RT: 7.07 min Scan# 663

Delta R.T. 0.17 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

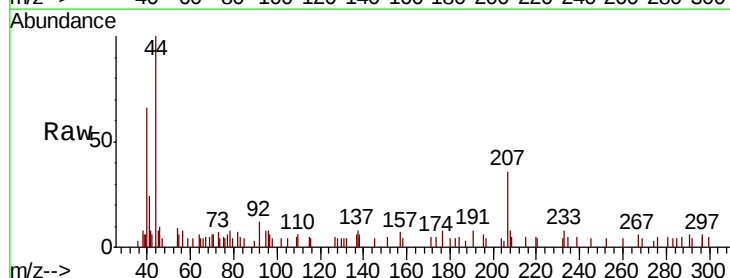
Tgt Ion: 41 Resp: 480

Ion Ratio Lower Upper

41 100

69 18.7 63.0 94.6#

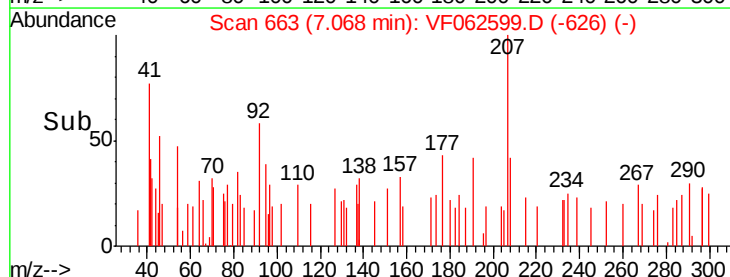
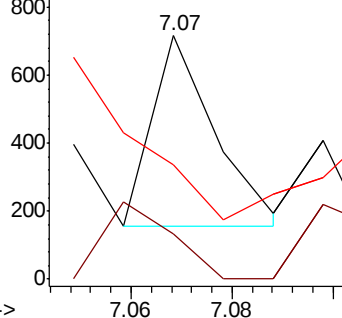
39 47.1 37.6 56.4

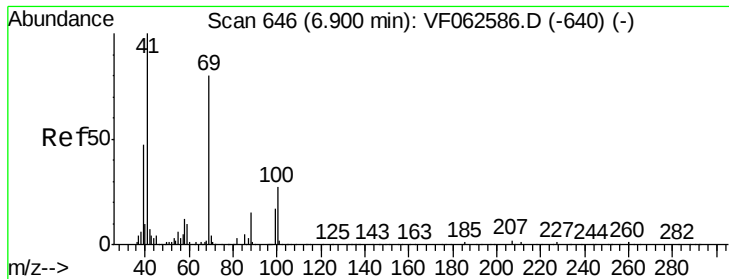


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

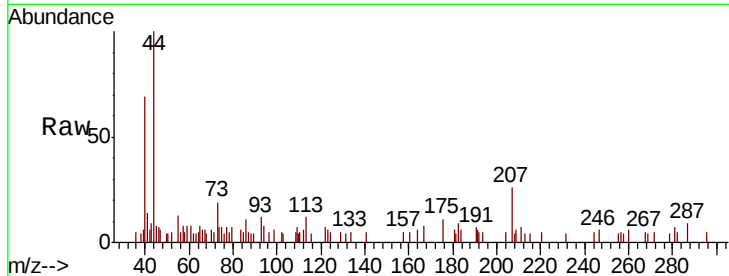




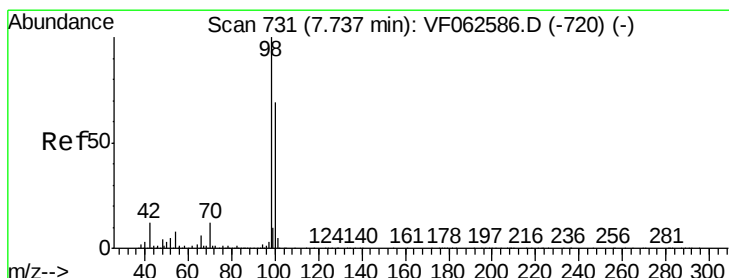
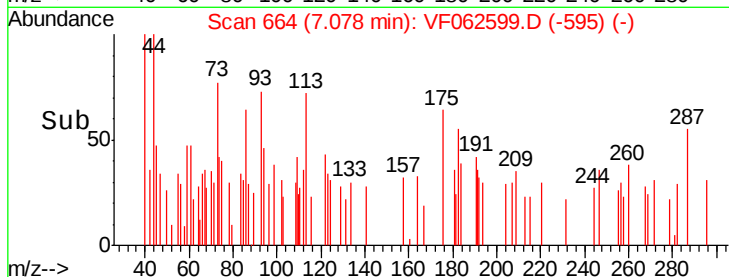
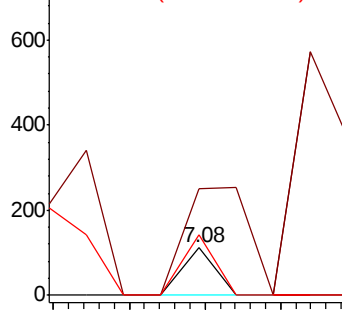
#49
1,4-Dioxane
Concen: 22189.415 ug/l
RT: 7.08 min Scan# 664
Delta R.T. 0.18 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19

Tot Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 225.0 28.8 43.2#
58 127.7 60.6 90.8#

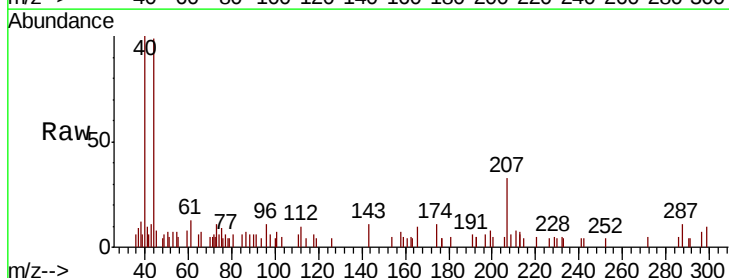


Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0

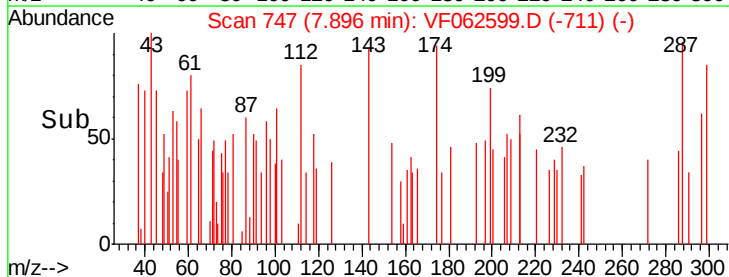
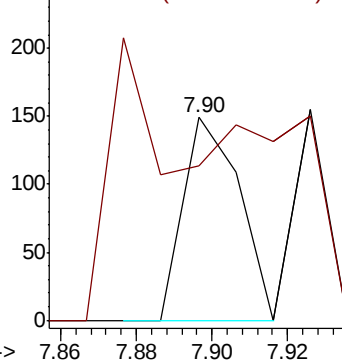


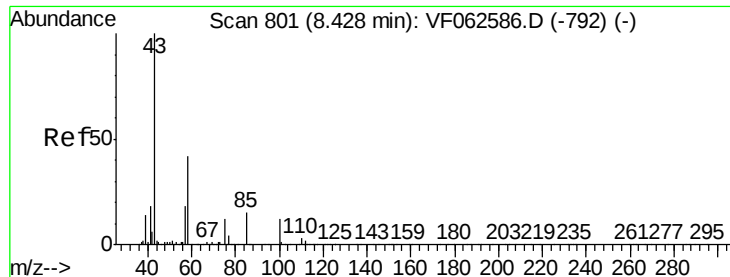
#50
Toluene-d8
Concen: 89.018 ug/l
RT: 7.90 min Scan# 747
Delta R.T. 0.16 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

Tgt Ion: 98 Resp: 153
Ion Ratio Lower Upper
98 100
100 206.0 55.4 83.0#



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





#51

4-Methyl-2-Pentanone

Concen: 2359.765 ug/l

RT: 8.67 min Scan# 825

Delta R.T. 0.24 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampled :

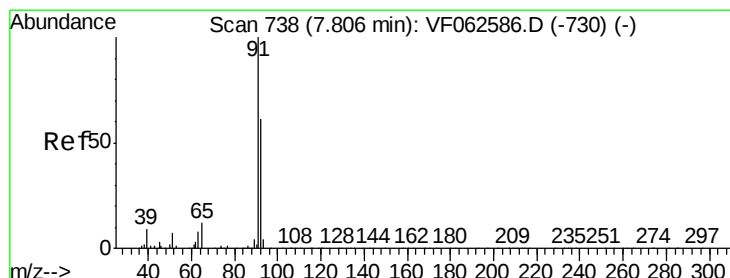
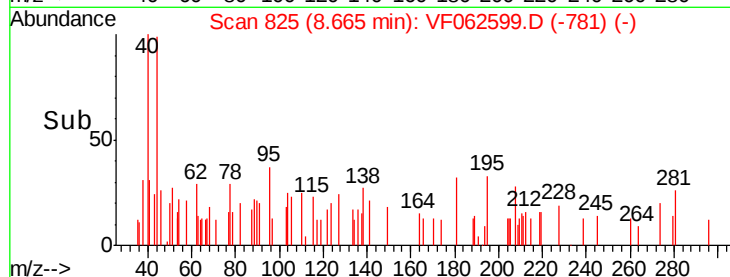
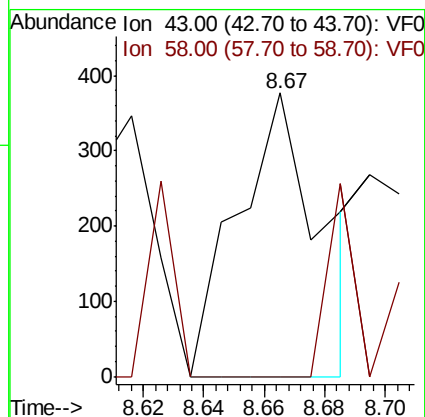
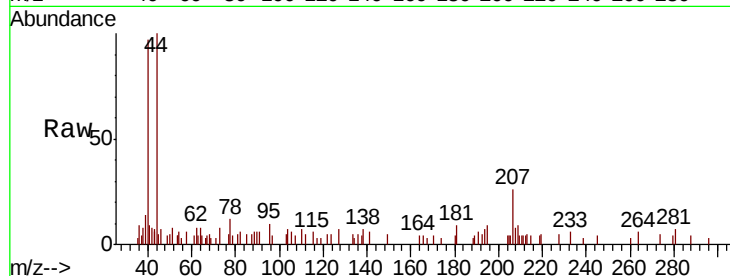
COMP-5.8.19

Tot Ion: 43 Resp: 713

Ion Ratio Lower Upper

43 100

58 0.0 33.6 50.4#



#52

Toluene

Concen: 116.431 ug/l

RT: 8.00 min Scan# 758

Delta R.T. 0.20 min

Lab File: VF062599.D

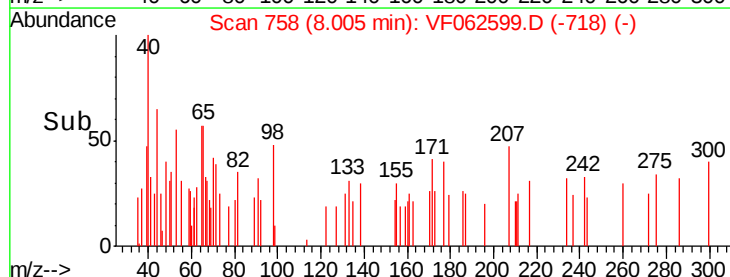
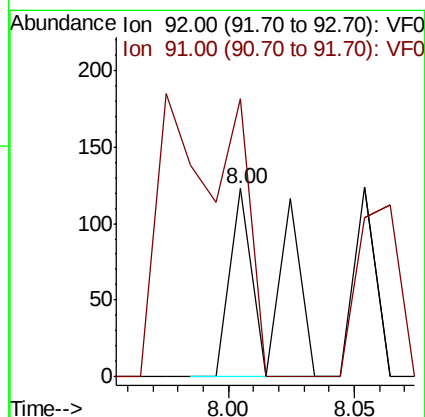
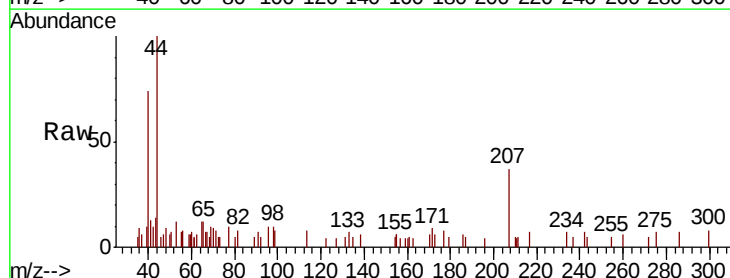
Acq: 15 May 2019 00:25

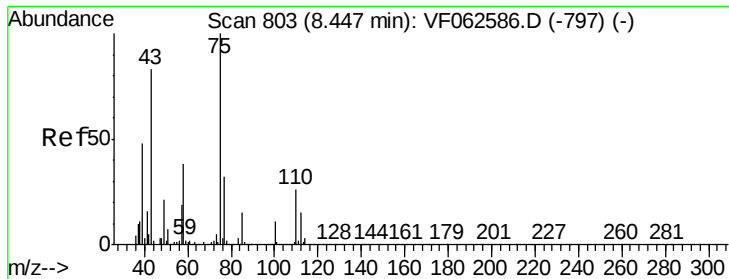
Tgt Ion: 92 Resp: 141

Ion Ratio Lower Upper

92 100

91 148.0 131.0 196.4

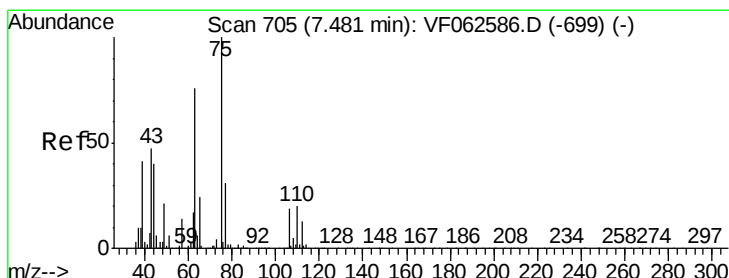
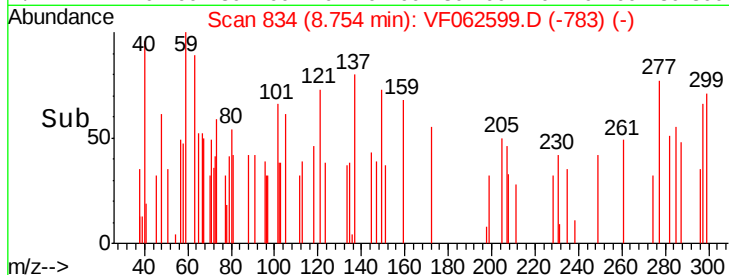
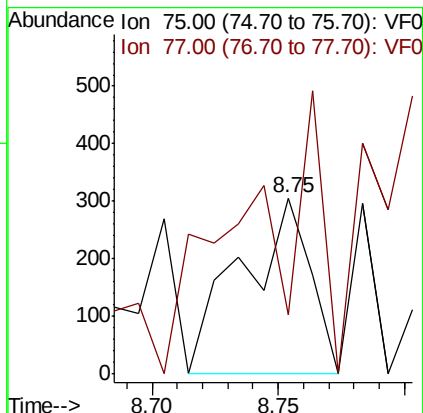
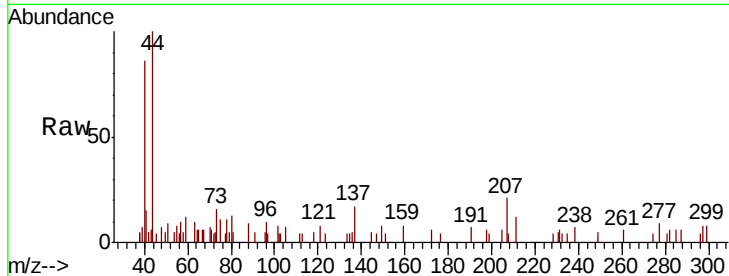




#53
t-1,3-Dichloropropene
Concen: 1014.598 ug/l
RT: 8.75 min Scan# 834
Delta R.T. 0.31 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

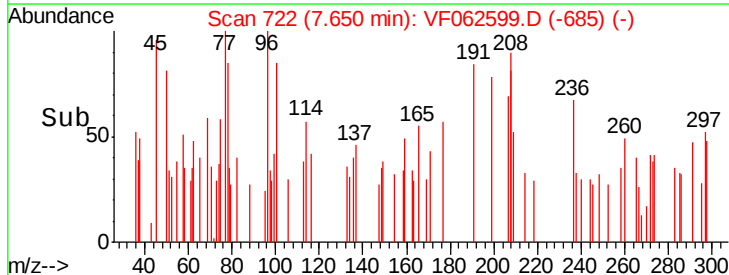
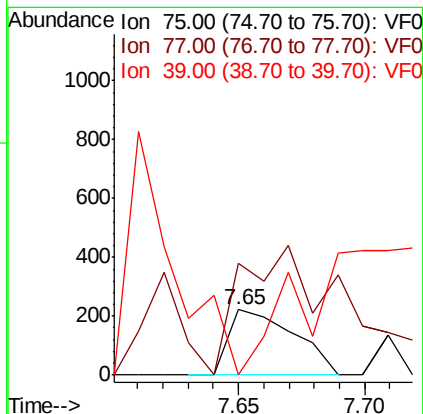
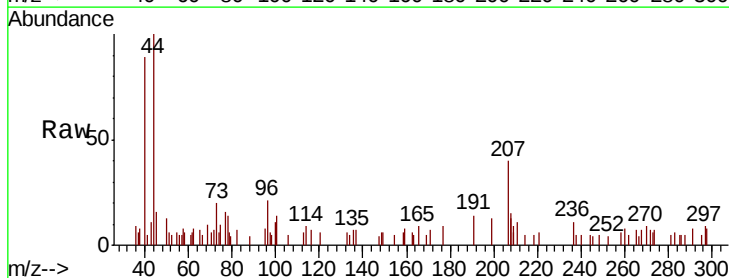
Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19

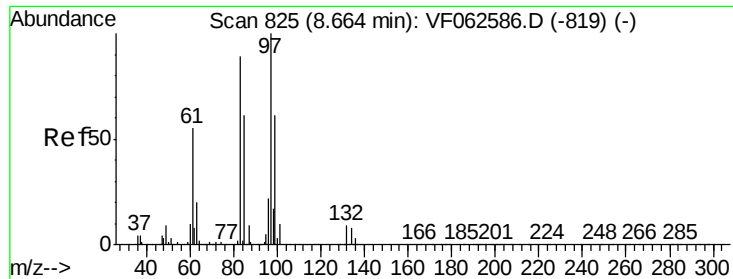
Tot Ion: 75 Resp: 585
Ion Ratio Lower Upper
75 100
77 33.3 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 492.151 ug/l
RT: 7.65 min Scan# 722
Delta R.T. 0.17 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

Tgt Ion: 75 Resp: 401
Ion Ratio Lower Upper
75 100
77 171.2 25.0 37.6#
39 0.0 32.8 49.2#





#55

1,1,2-Trichloroethane

Concen: 769.456 ug/l

RT: 8.90 min Scan# 849

Delta R.T. 0.24 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

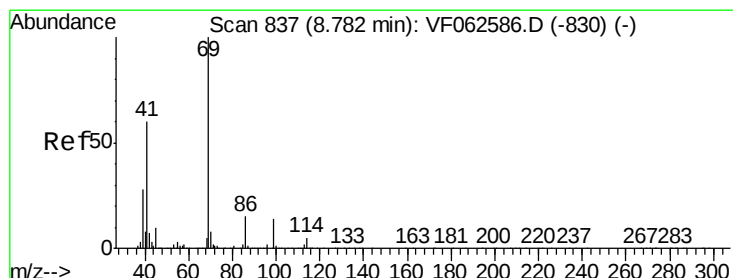
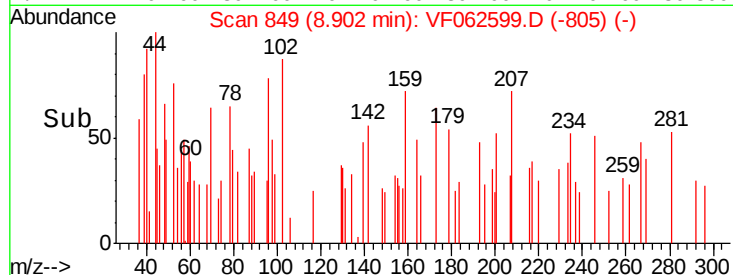
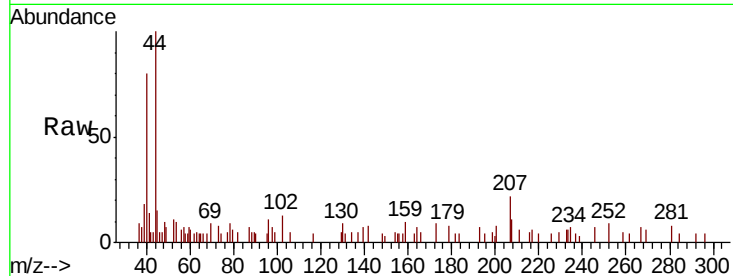
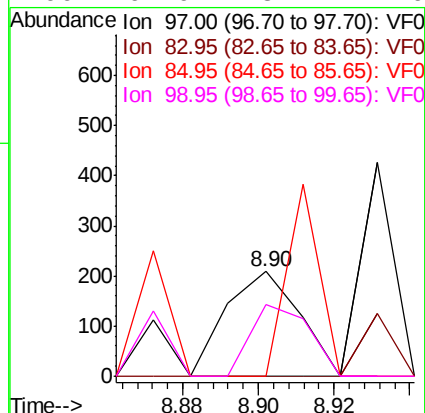
Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

Tot Ion:	97	Resp:	279
Ion	Ratio	Lower	Upper
97	100		
83	0.0	71.3	106.9#
85	0.0	48.9	73.3#
99	67.9	48.4	72.6



#56

Ethyl methacrylate

Concen: 905.874 ug/l

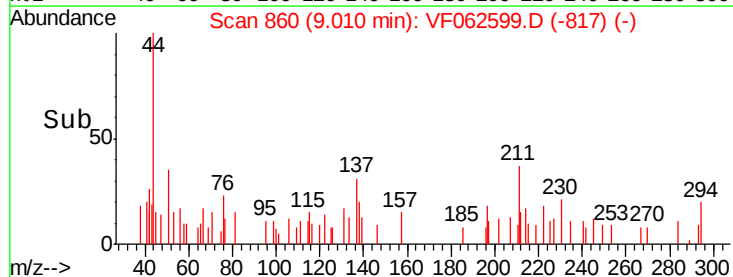
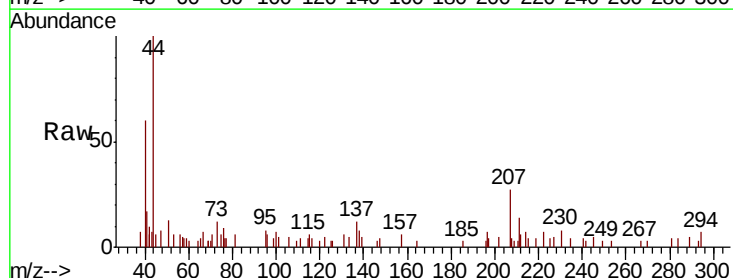
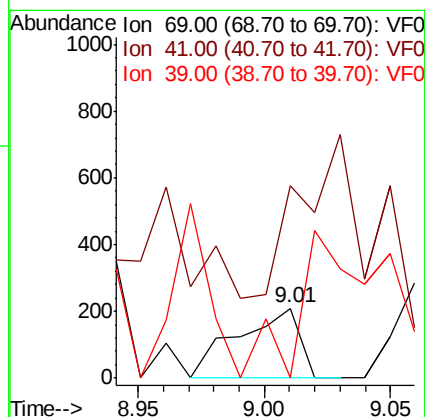
RT: 9.01 min Scan# 860

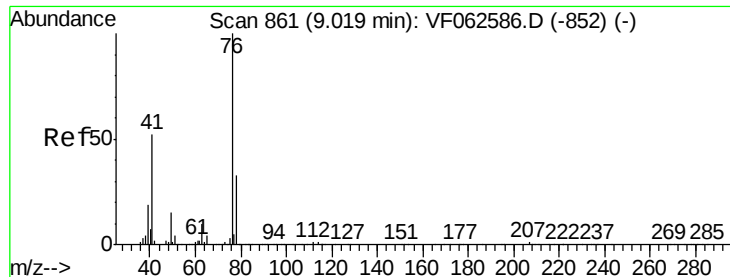
Delta R.T. 0.23 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Tgt Ion:	69	Resp:	360
Ion	Ratio	Lower	Upper
69	100		
41	275.6	48.1	72.1#
39	0.0	22.5	33.7#





#57

1,3-Dichloropropane

Concen: 188.819 ug/l

RT: 9.23 min Scan# 882

Delta R.T. 0.21 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

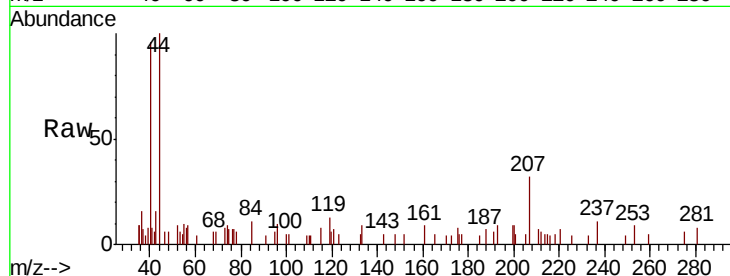
COMP-5.8.19

Tot Ion: 76 Resp: 113

Ion Ratio Lower Upper

76 100

78 86.9 26.4 39.6#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

9.23

200

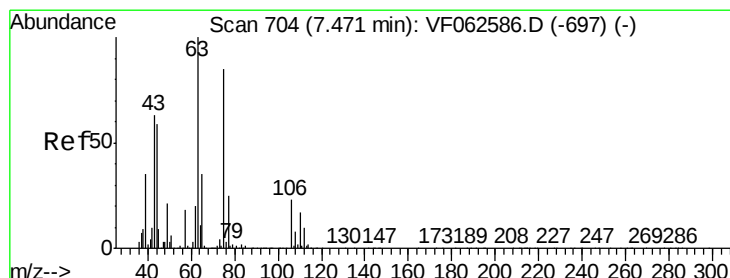
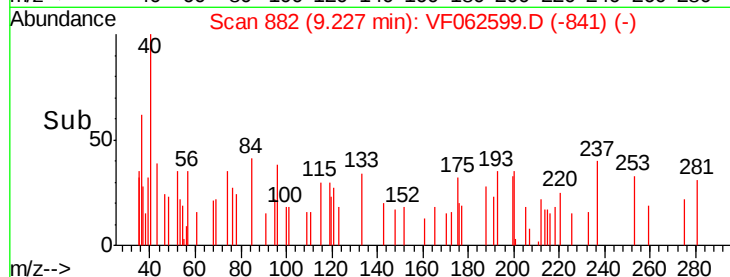
150

100

50

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 908.769 ug/l

RT: 7.64 min Scan# 721

Delta R.T. 0.17 min

Lab File: VF062599.D

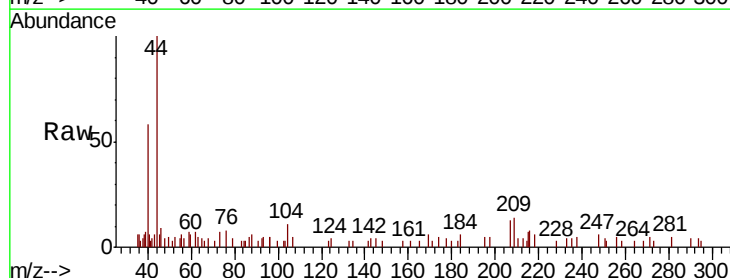
Acq: 15 May 2019 00:25

Tgt Ion: 63 Resp: 113

Ion Ratio Lower Upper

63 100

106 0.0 18.0 27.0#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

7.64

300

250

200

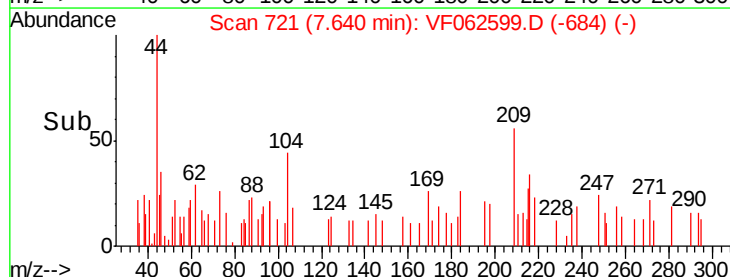
150

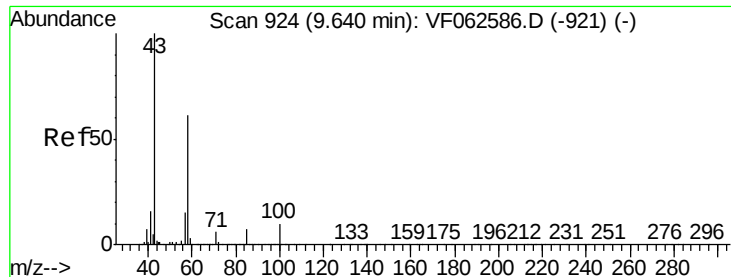
100

50

0

Time-->

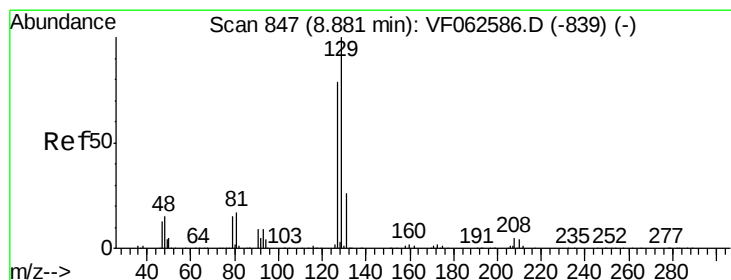
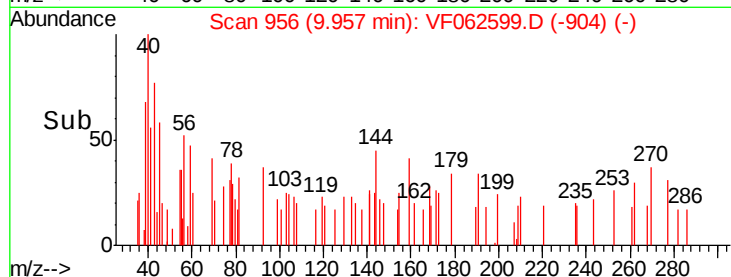
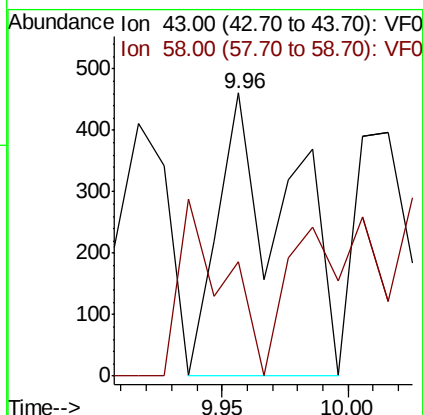
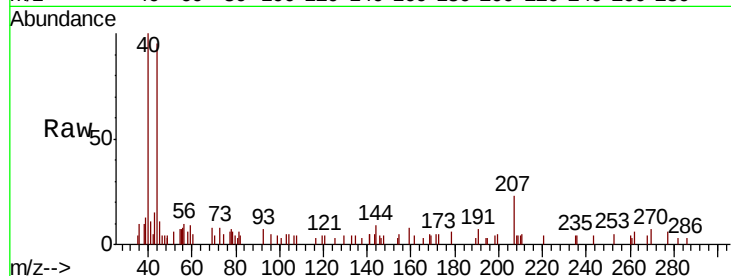




#59
2-Hexanone
Concen: 4525.121 ug/l
RT: 9.96 min Scan# 956
Delta R.T. 0.32 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

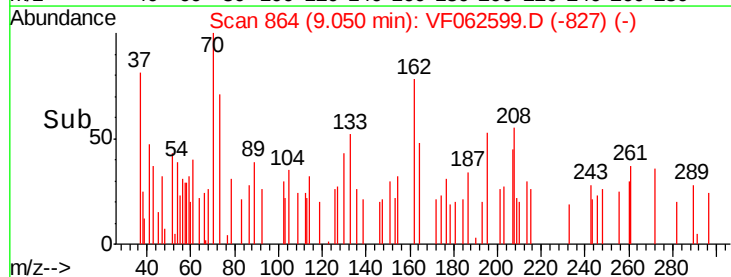
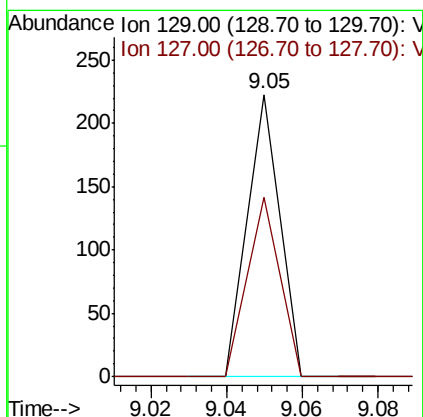
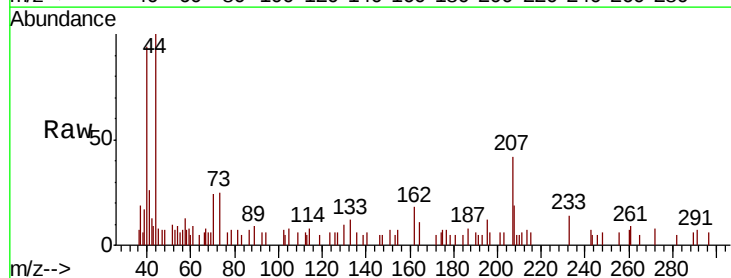
Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19

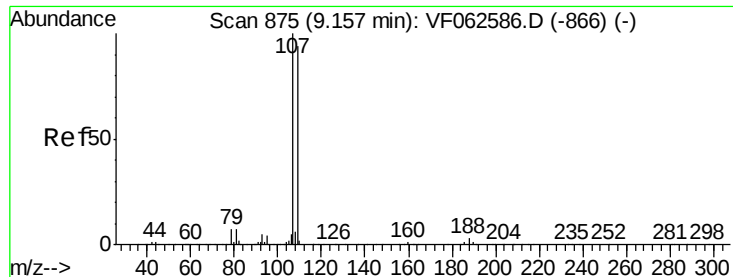
Tot Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 40.6 28.7 86.3



#60
Dibromochloromethane
Concen: 286.527 ug/l
RT: 9.05 min Scan# 864
Delta R.T. 0.17 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

Tgt Ion: 129 Resp: 132
Ion Ratio Lower Upper
129 100
127 63.7 39.3 117.9





#61

1,2-Dibromoethane

Concen: 170.486 ug/l

RT: 9.40 min Scan# 900

Delta R.T. 0.25 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

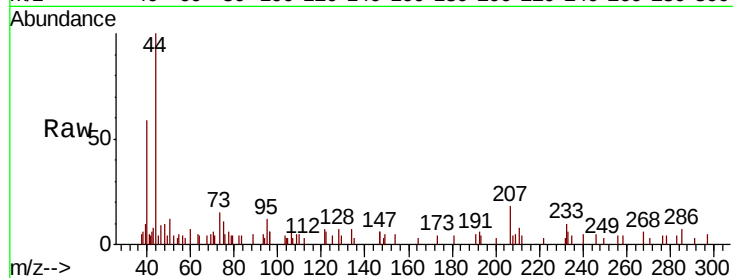
COMP-5.8.19

Tot Ion:107 Resp: 62

Ion Ratio Lower Upper

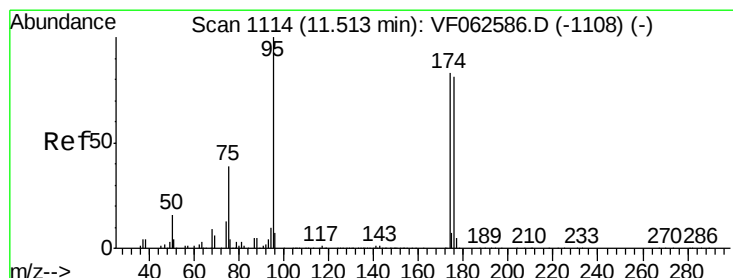
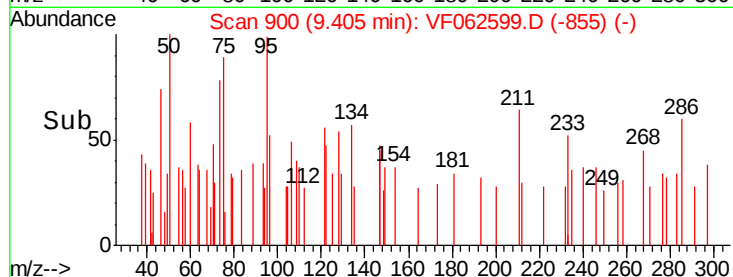
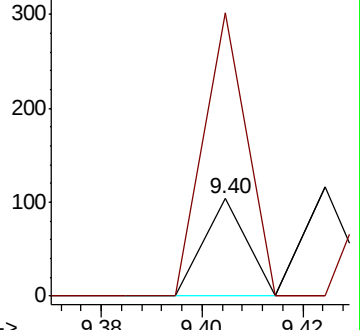
107 100

109 290.4 74.9 112.3#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 214.909 ug/l

RT: 11.82 min Scan# 1145

Delta R.T. 0.31 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

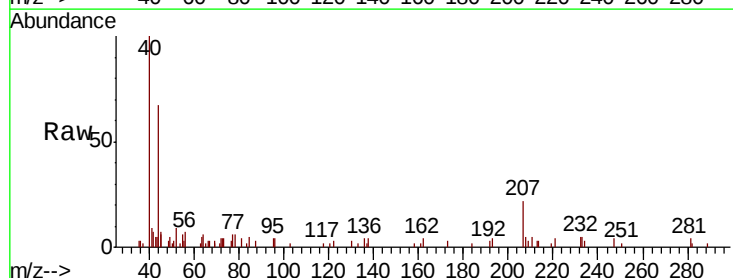
Tgt Ion: 95 Resp: 129

Ion Ratio Lower Upper

95 100

174 0.0 0.0 166.6

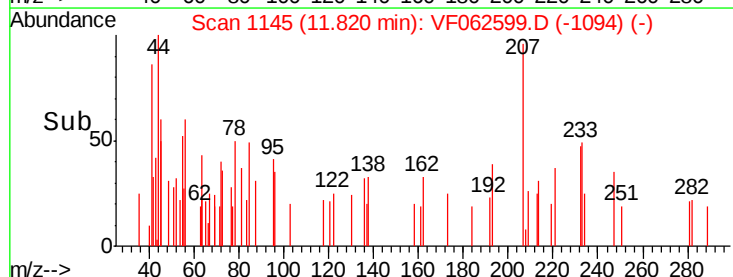
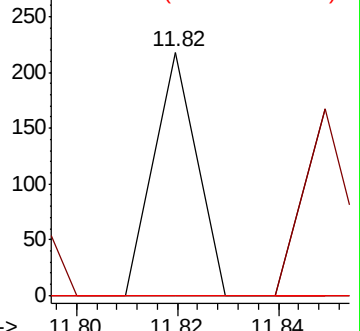
176 0.0 0.0 161.8

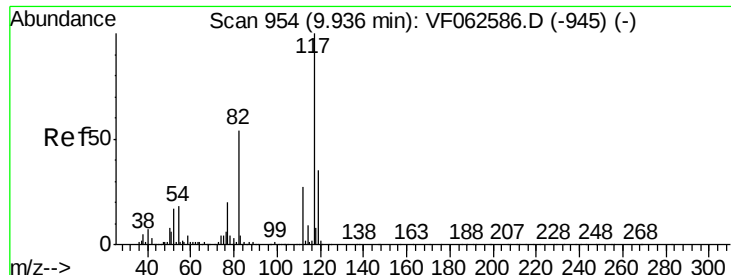


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

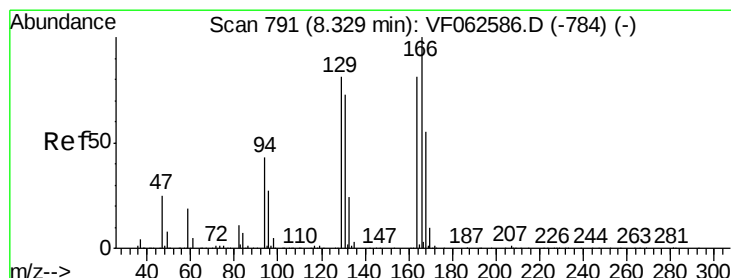
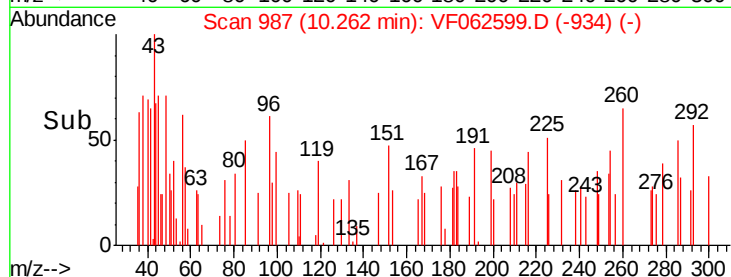
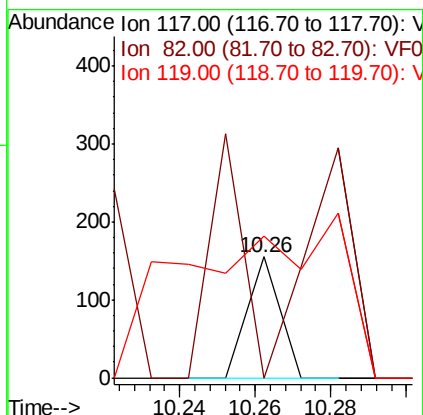
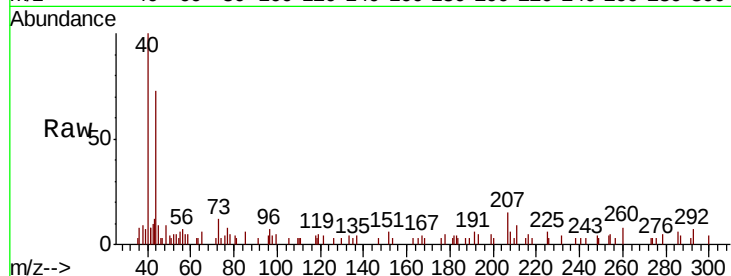




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.26 min Scan# 987
Delta R.T. 0.33 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

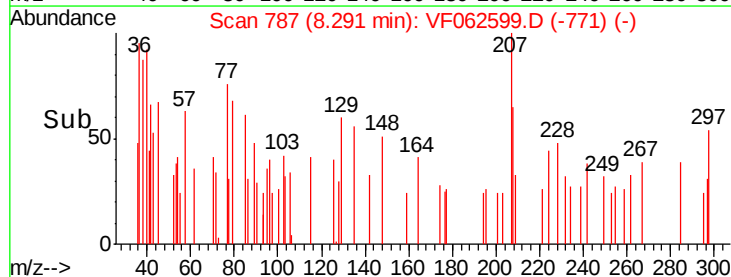
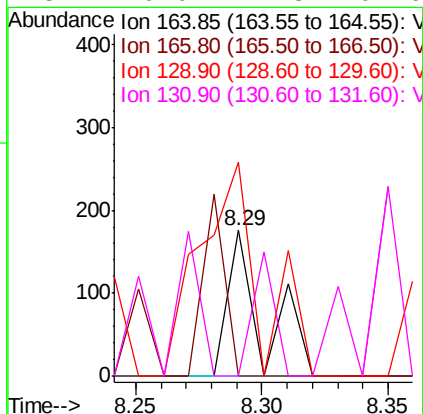
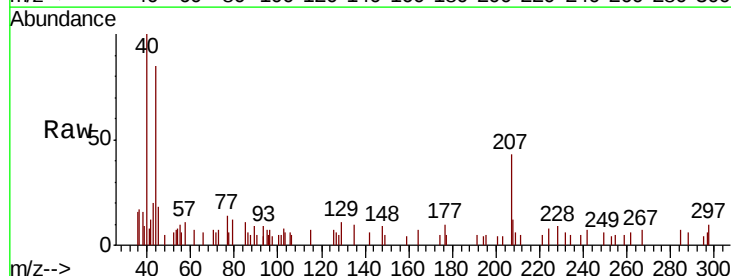
Instrument :
MSVOA_F
ClientSampled :
COMP-5.8.19

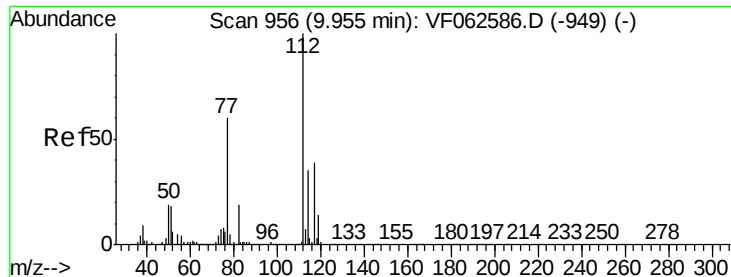
Tot Ion:117 Resp: 92
Ion Ratio Lower Upper
117 100
82 0.0 43.4 65.0#
119 116.8 27.7 41.5#



#64
Tetrachloroethene
Concen: 279.637 ug/l
RT: 8.29 min Scan# 787
Delta R.T. -0.04 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

Tgt Ion:164 Resp: 170
Ion Ratio Lower Upper
164 100
166 0.0 98.6 148.0#
129 146.6 80.2 120.4#
131 0.0 71.8 107.6#

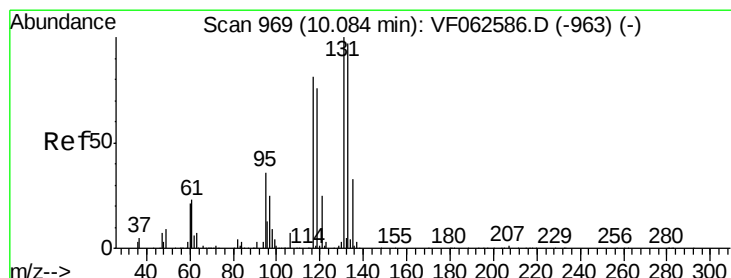
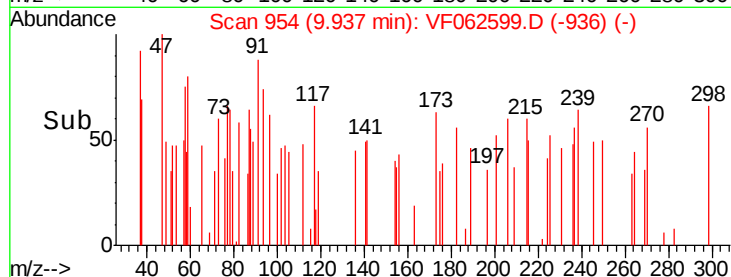
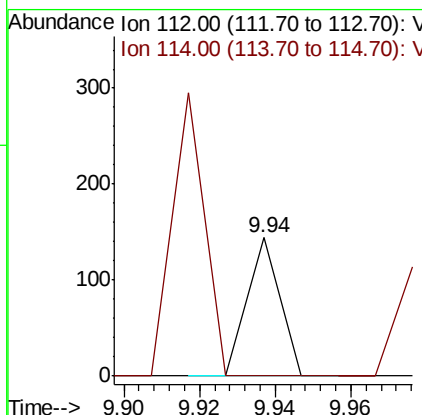
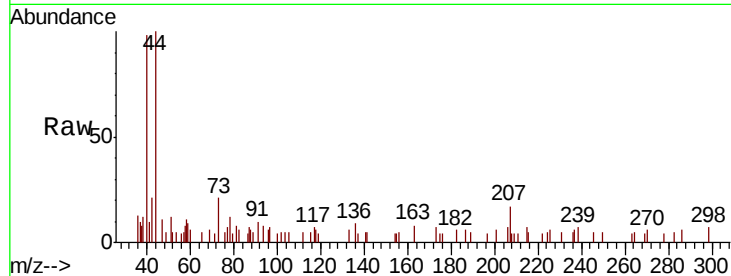




#65
Chlorobenzene
Concen: 53.144 ug/l
RT: 9.94 min Scan# 954
Delta R.T. -0.02 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

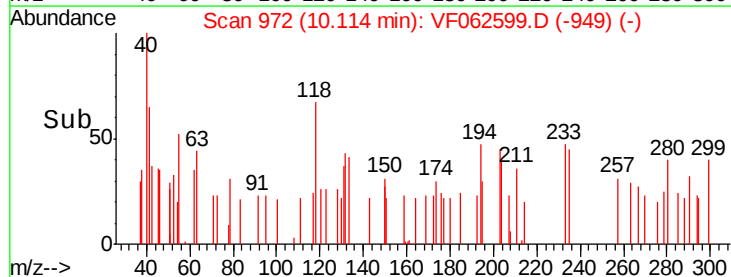
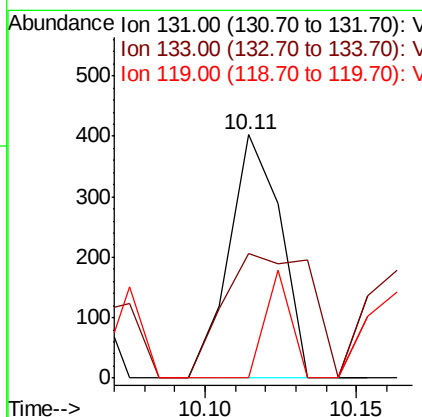
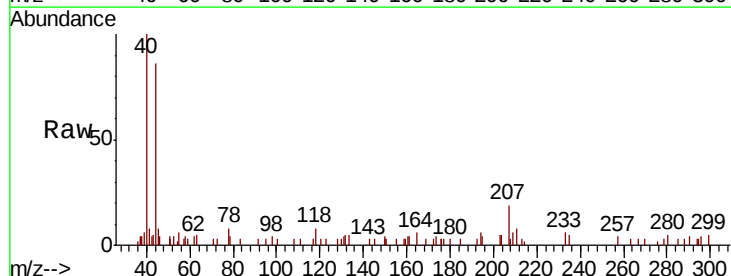
Instrument :
MSVOA_F
ClientSampleId :
COMP-5.8.19

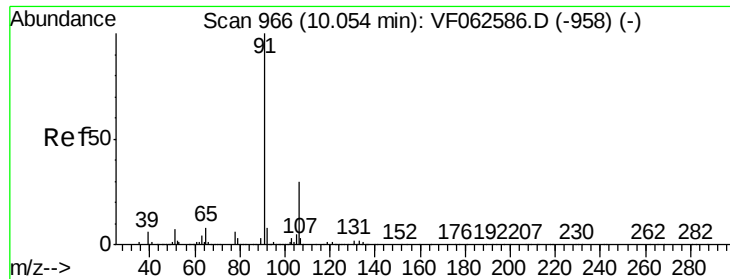
Tot Ion:112 Resp: 85
Ion Ratio Lower Upper
112 100
114 0.0 27.9 41.9#



#66
1,1,1,2-Tetrachloroethane
Concen: 730.645 ug/l
RT: 10.11 min Scan# 972
Delta R.T. 0.03 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

Tgt Ion:131 Resp: 480
Ion Ratio Lower Upper
131 100
133 51.4 48.4 145.3
119 0.0 38.5 115.5#





#67

Ethyl Benzene

Concen: 124.221 ug/l

RT: 10.04 min Scan# 964

Delta R.T. -0.02 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

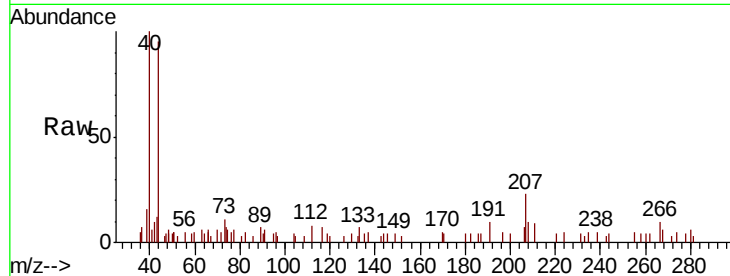
COMP-5.8.19

Tot Ion: 91 Resp: 353

Ion Ratio Lower Upper

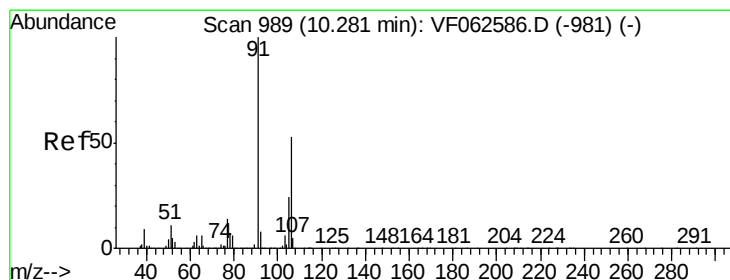
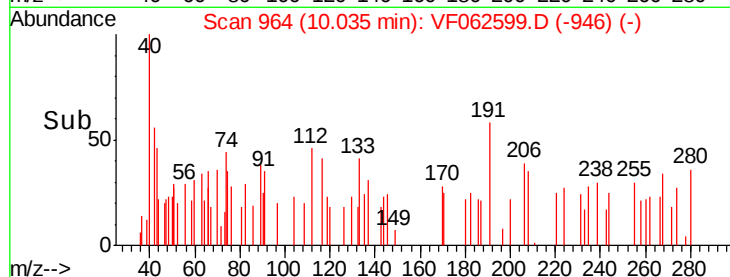
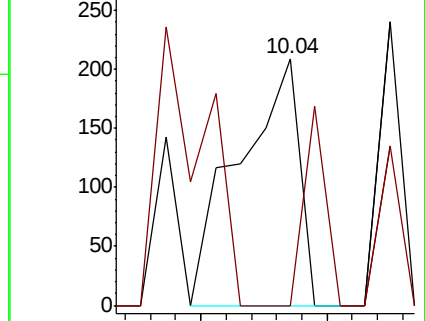
91 100

106 0.0 24.2 36.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 78.434 ug/l

RT: 10.30 min Scan# 991

Delta R.T. 0.02 min

Lab File: VF062599.D

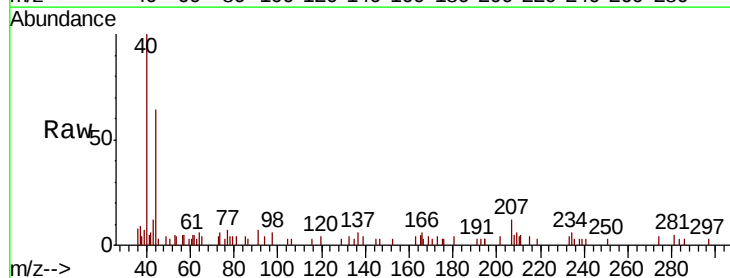
Acq: 15 May 2019 00:25

Tgt Ion: 106 Resp: 79

Ion Ratio Lower Upper

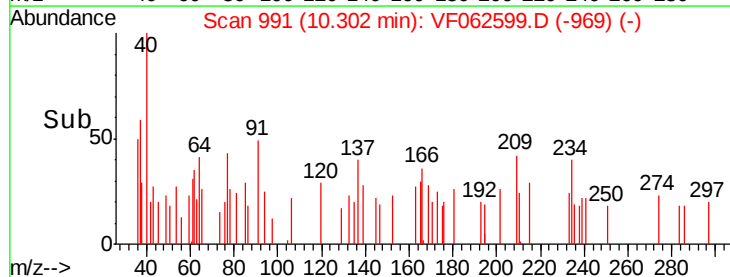
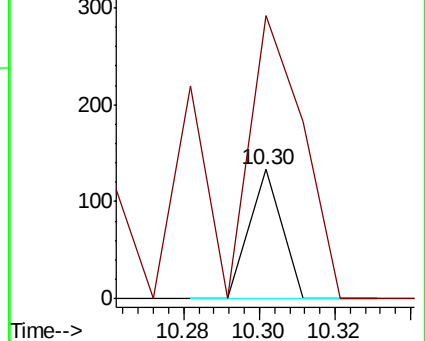
106 100

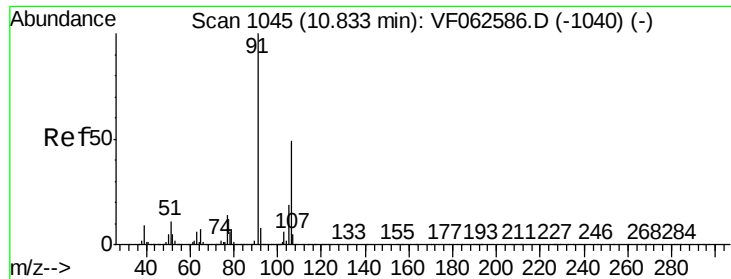
91 219.5 150.5 225.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

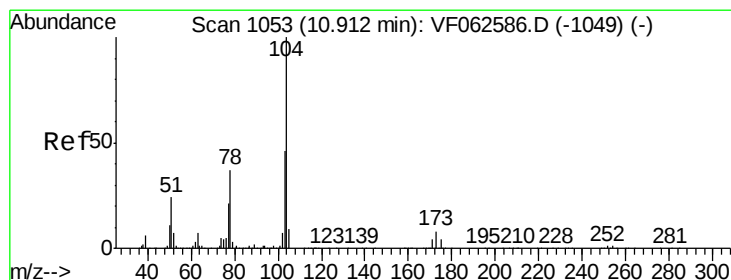
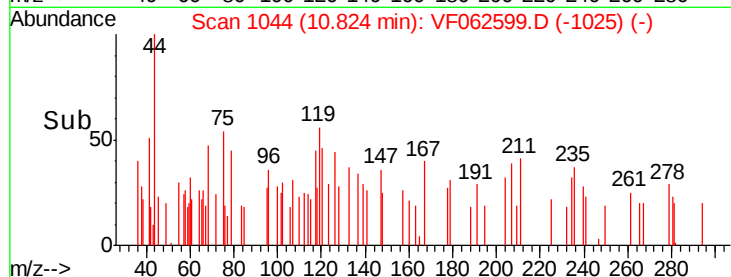
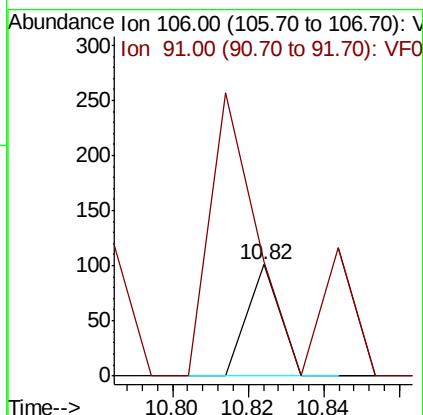
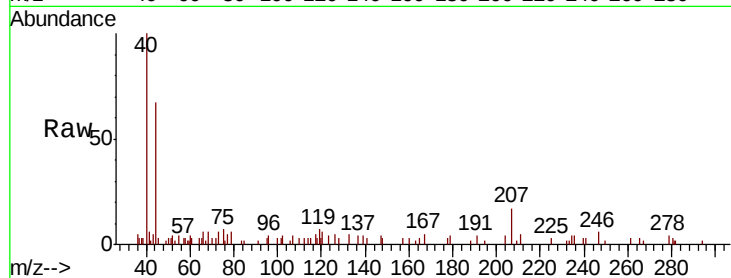




#69
o-Xylene
Concen: 56.787 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

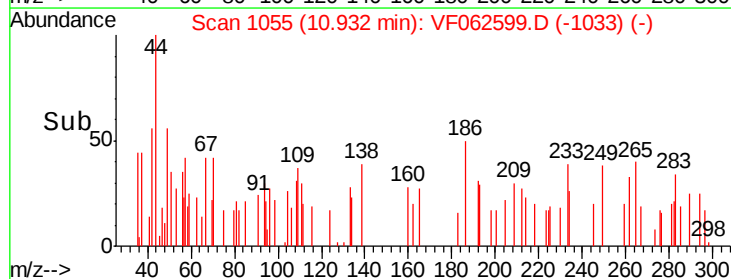
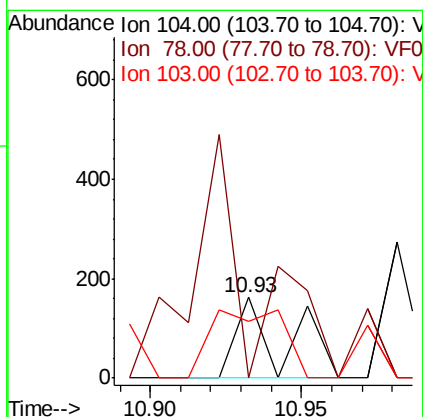
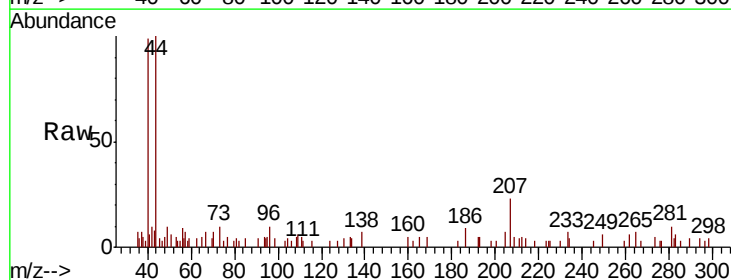
Instrument :
MSVOA_F
ClientSampled :
COMP-5.8.19

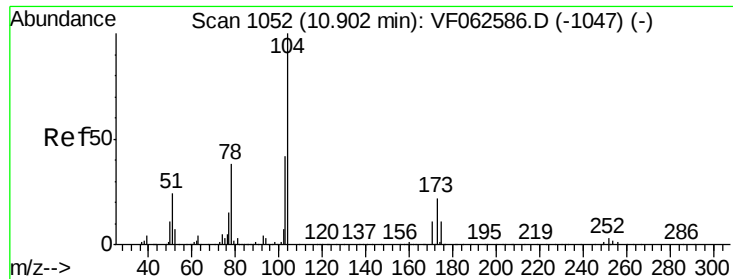
Tot Ion:106 Resp: 60
Ion Ratio Lower Upper
106 100
91 102.0 102.0 305.9



#70
Styrene
Concen: 112.738 ug/l
RT: 10.93 min Scan# 1055
Delta R.T. 0.02 min
Lab File: VF062599.D
Acq: 15 May 2019 00:25

Tgt Ion:104 Resp: 181
Ion Ratio Lower Upper
104 100
78 0.0 30.2 45.2#
103 71.0 37.0 55.6#





#71

Bromoform

Concen: 206.903 ug/l

RT: 10.87 min Scan# 1049

Delta R.T. -0.03 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

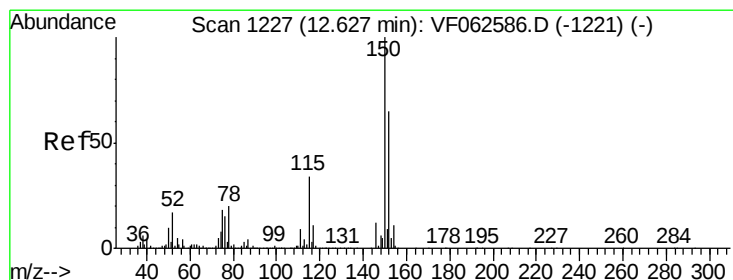
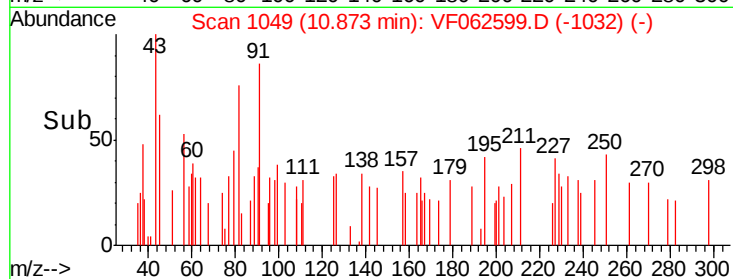
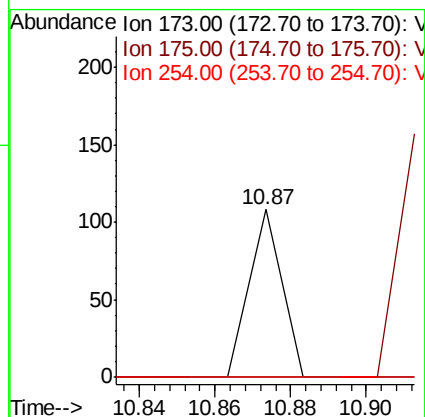
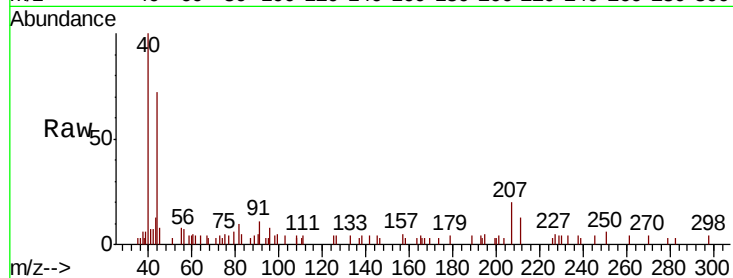
MSVOA_F

ClientSampleId :

COMP-5.8.19

Tot Ion:173 Resp: 64

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.1	72.3#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

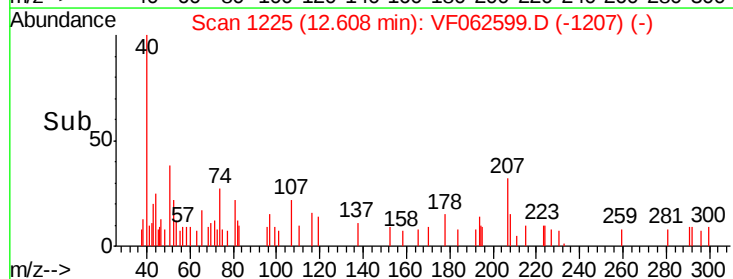
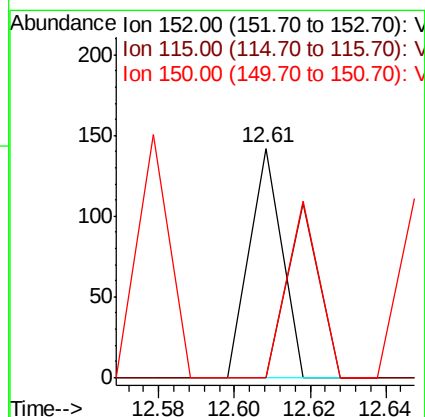
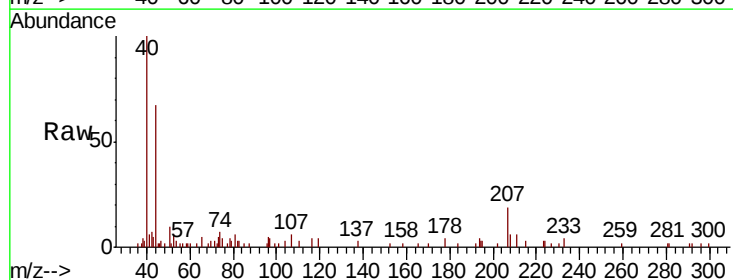
Delta R.T. -0.02 min

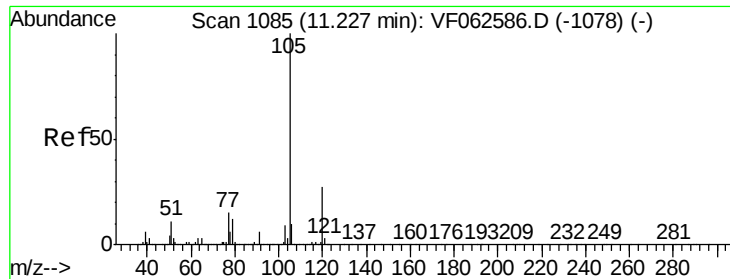
Lab File: VF062599.D

Acq: 15 May 2019 00:25

Tgt Ion:152 Resp: 84

Ion	Ratio	Lower	Upper
152	100		
115	0.0	26.2	78.6#
150	0.0	0.0	316.0





#73

Isopropylbenzene

Concen: 10.446 ug/l

RT: 11.21 min Scan# 1083

Delta R.T. -0.02 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

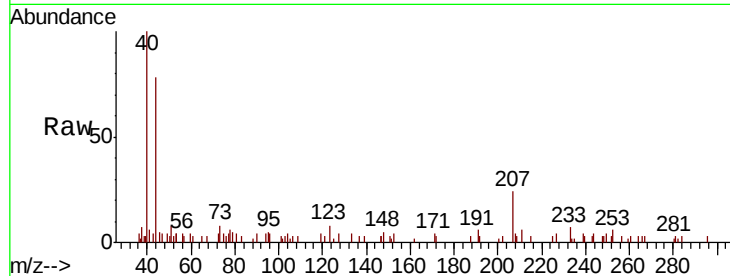
COMP-5.8.19

Tot Ion:105 Resp: 59

Ion Ratio Lower Upper

105 100

120 0.0 13.5 40.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.21

100

80

60

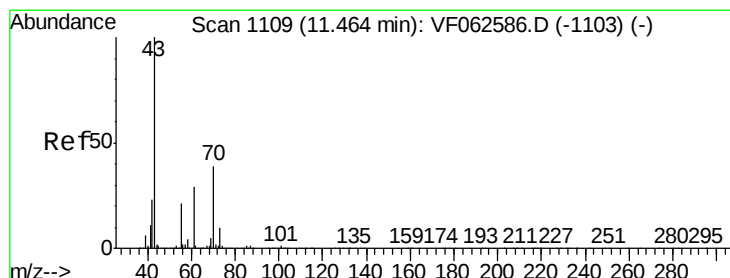
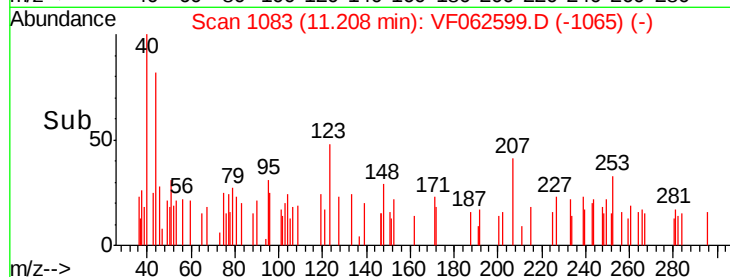
40

20

0

11.20 11.22

Time-->



#74

N-ethyl acetate

Concen: 1007.744 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.03 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Tgt Ion: 43 Resp: 1382

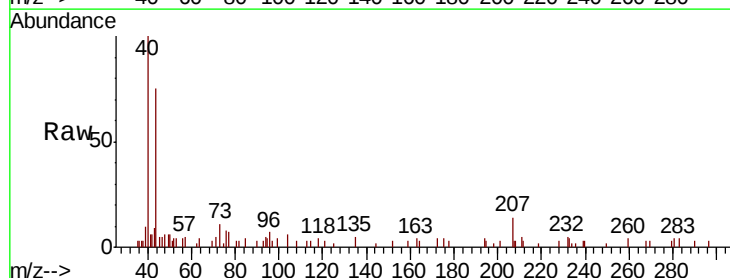
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.4#

55 0.0 16.7 25.1#

61 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

800

600

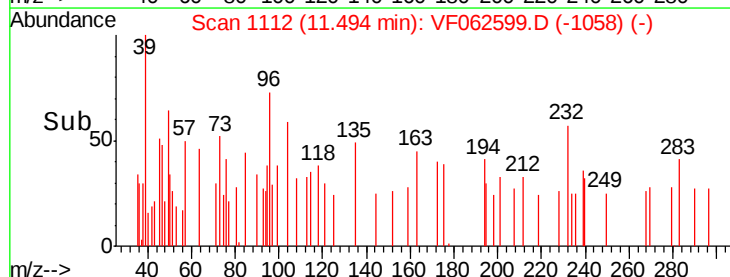
400

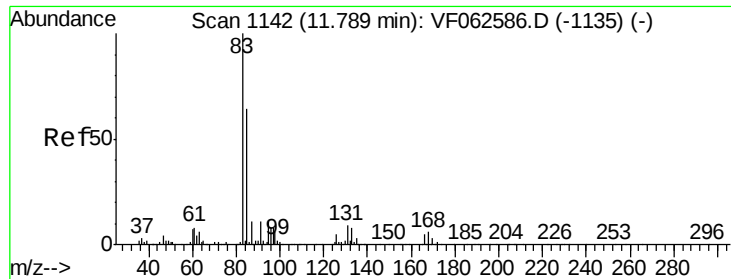
200

0

11.40 11.45 11.50 11.55

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 113.218 ug/l

RT: 11.82 min Scan# 1145

Delta R.T. 0.03 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

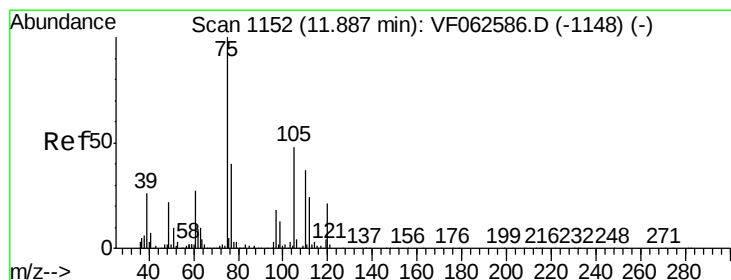
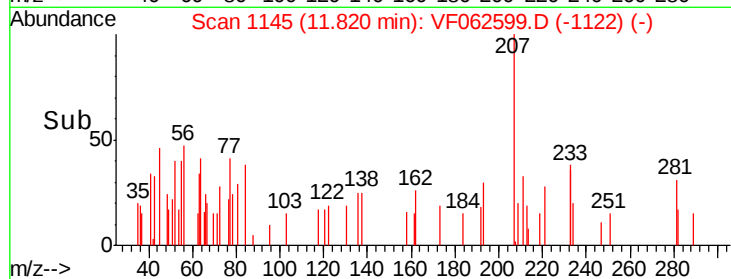
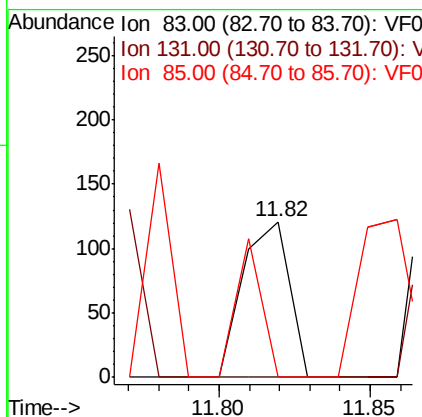
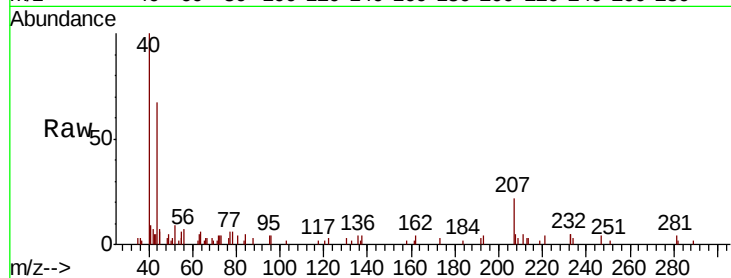
Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

Tot Ion:	83	Resp:	131
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.6	13.8#
85	0.0	32.1	96.3#



#76

1,2,3-Trichloropropane

Concen: 1008.395 ug/l

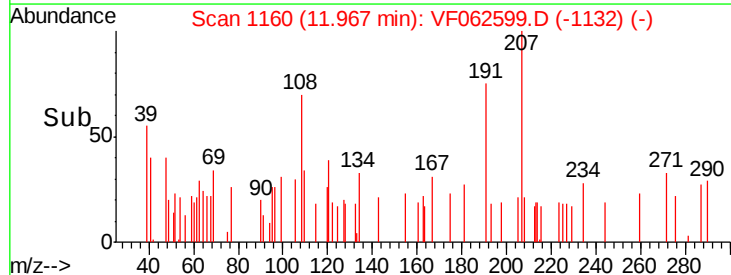
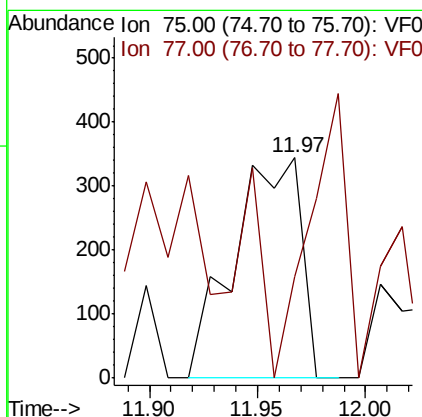
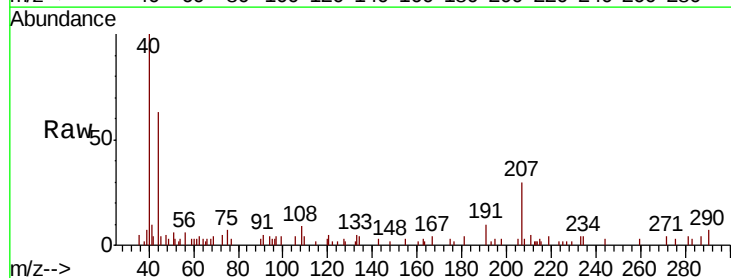
RT: 11.97 min Scan# 1160

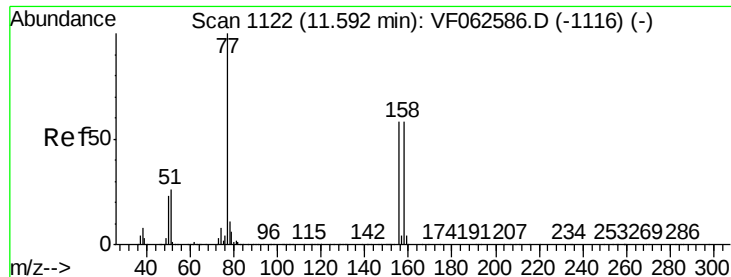
Delta R.T. 0.08 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Tgt Ion:	75	Resp:	748
Ion	Ratio	Lower	Upper
75	100		
77	45.6	20.4	61.3





#77

Bromobenzene

Concen: 64.247 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

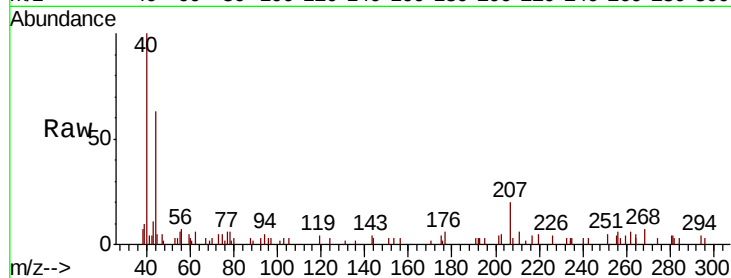
Tot Ion:156 Resp: 82

Ion Ratio Lower Upper

156 100

77 185.5 86.5 259.5

158 0.0 50.3 150.9#



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

800

600

400

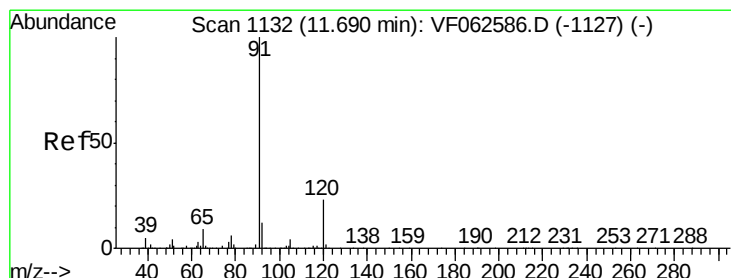
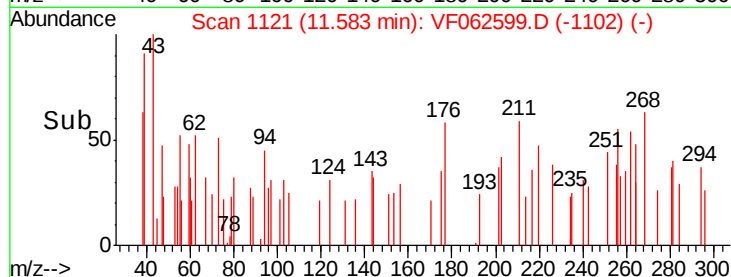
200

0

11.56 11.58 11.60

11.58

Time-->



#78

n-propylbenzene

Concen: 12.206 ug/l

RT: 11.69 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VF062599.D

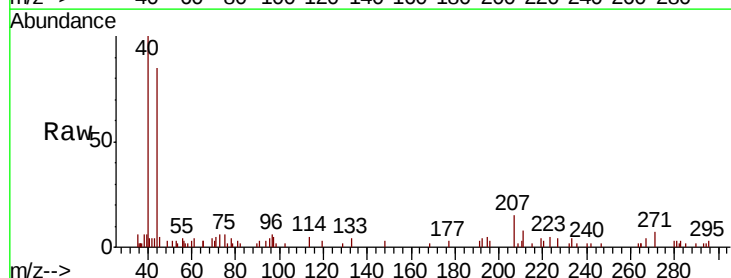
Acq: 15 May 2019 00:25

Tgt Ion: 91 Resp: 82

Ion Ratio Lower Upper

91 100

120 0.0 11.7 35.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

150

100

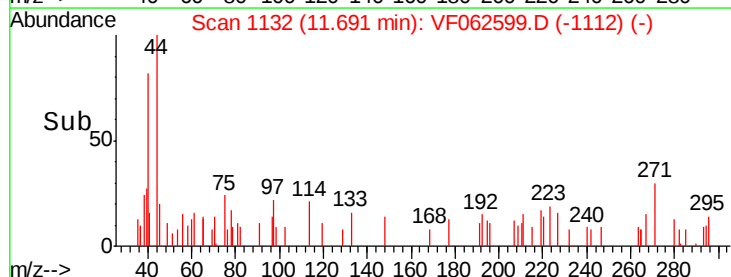
50

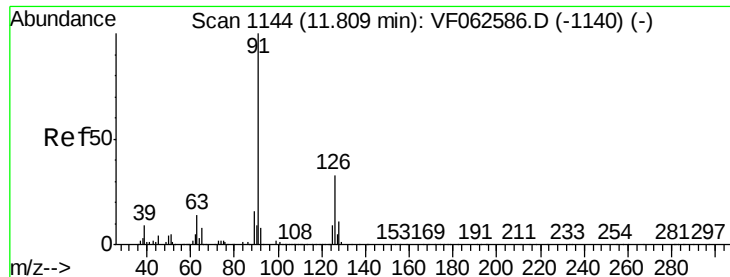
0

11.68 11.69 11.70 11.72

11.69

Time-->

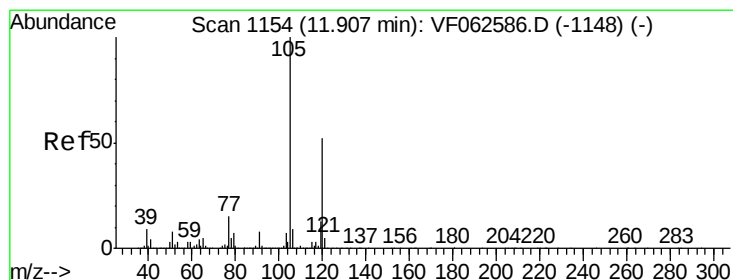
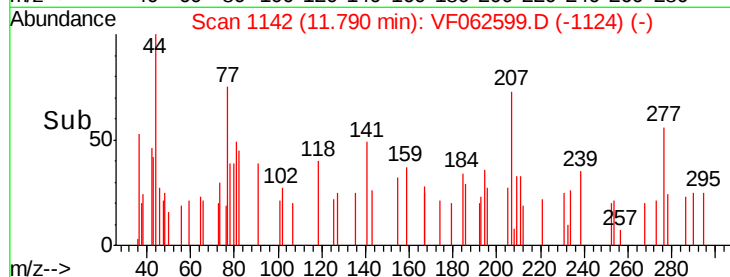
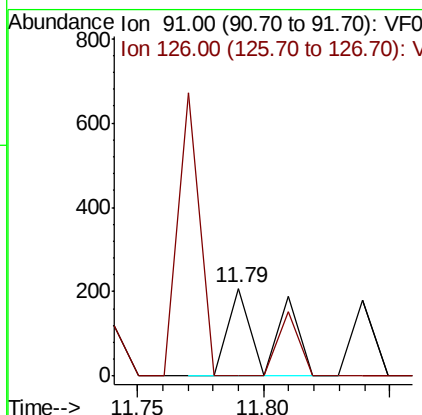
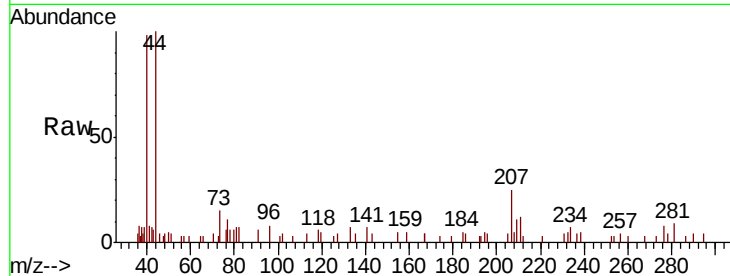




#79
 2-Chlorotoluene
 Concen: 63.385 ug/l
 RT: 11.79 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: VF062599.D
 Acq: 15 May 2019 00:25

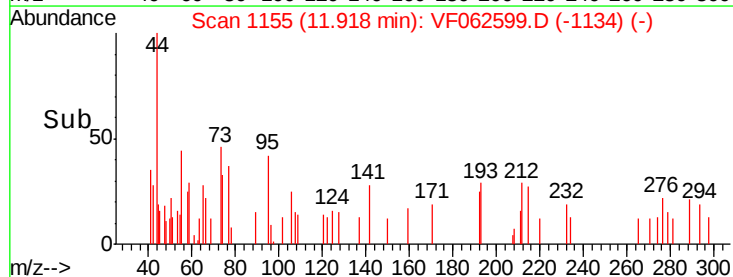
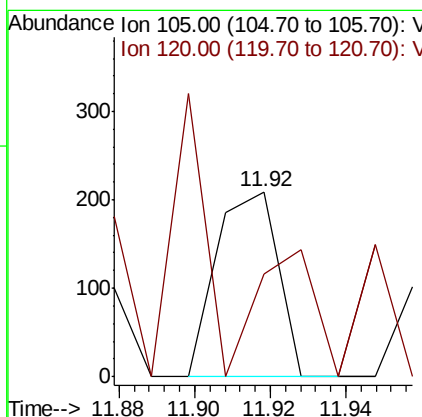
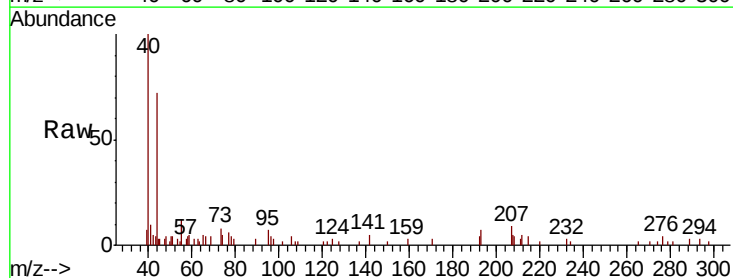
Instrument :
 MSVOA_F
 ClientSampleId :
 COMP-5.8.19

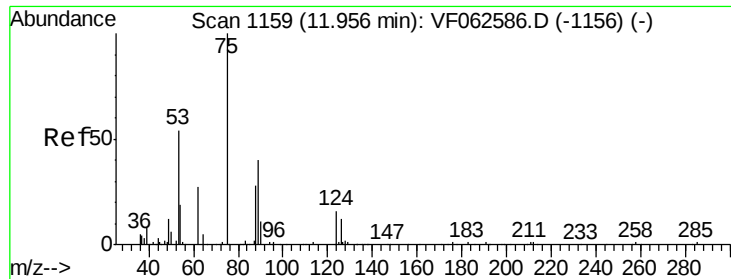
Tot Ion: 91 Resp: 235
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 52.702 ug/l
 RT: 11.92 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: VF062599.D
 Acq: 15 May 2019 00:25

Tgt Ion: 105 Resp: 233
 Ion Ratio Lower Upper
 105 100
 120 55.5 25.9 77.6





#81

trans-1,4-Dichloro-2-butene

Concen: 2365.852 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

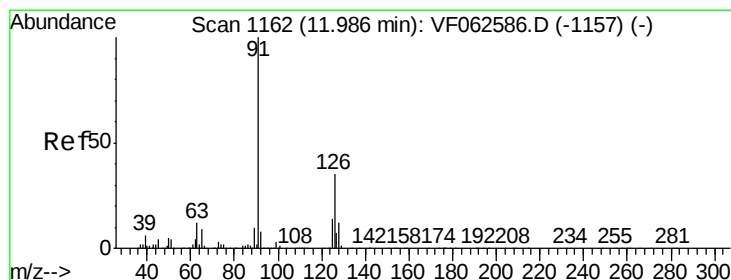
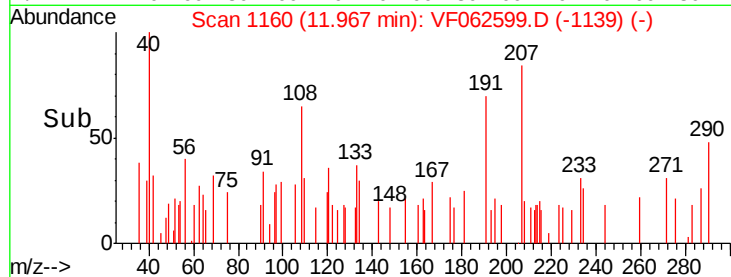
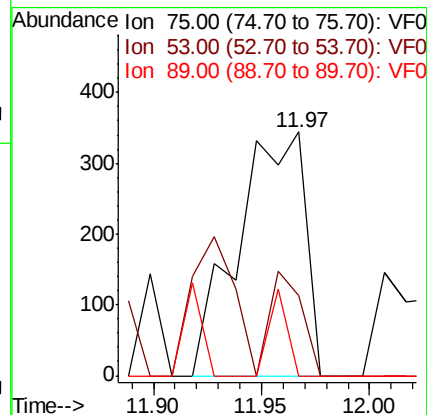
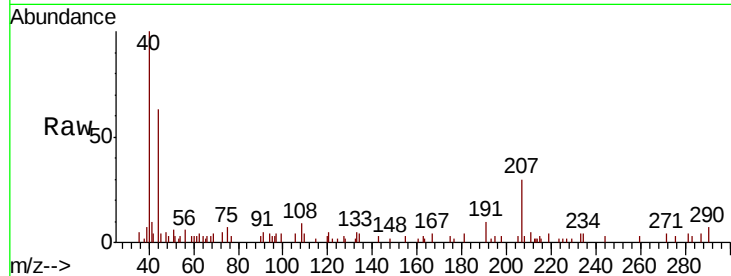
Tot Ion: 75 Resp: 748

Ion Ratio Lower Upper

75 100

53 32.8 46.6 70.0#

89 0.0 33.8 50.8#



#82

4-Chlorotoluene

Concen: 60.136 ug/l

RT: 12.00 min Scan# 1163

Delta R.T. 0.01 min

Lab File: VF062599.D

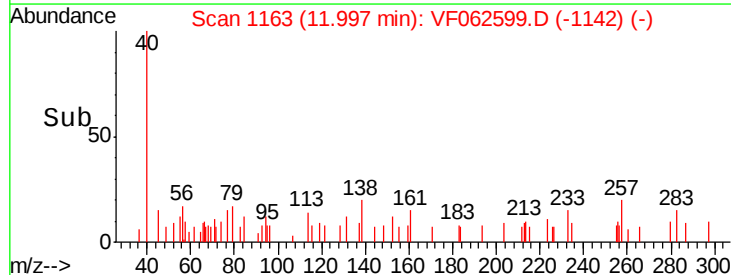
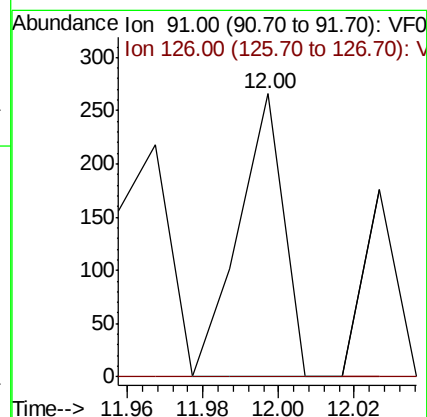
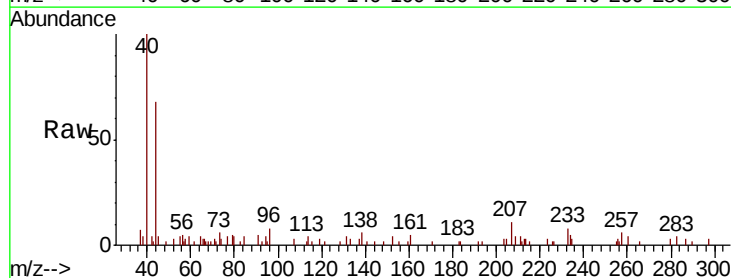
Acq: 15 May 2019 00:25

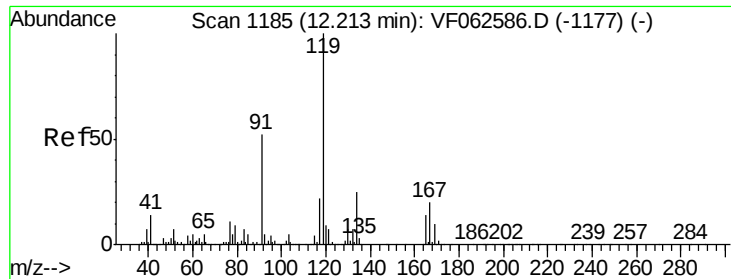
Tgt Ion: 91 Resp: 218

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.5#





#83

tert-Butylbenzene

Concen: 46.275 ug/l

RT: 12.22 min Scan# 1186

Delta R.T. 0.01 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

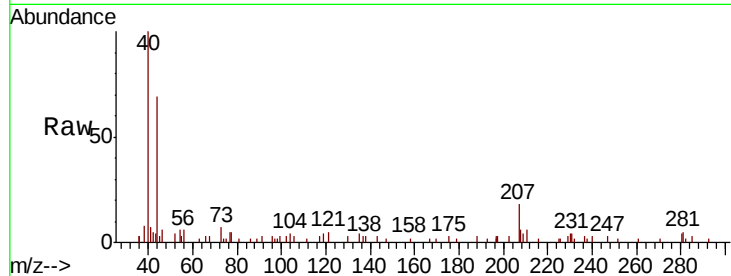
Tot Ion:119 Resp: 214

Ion Ratio Lower Upper

119 100

91 62.7 26.0 78.0

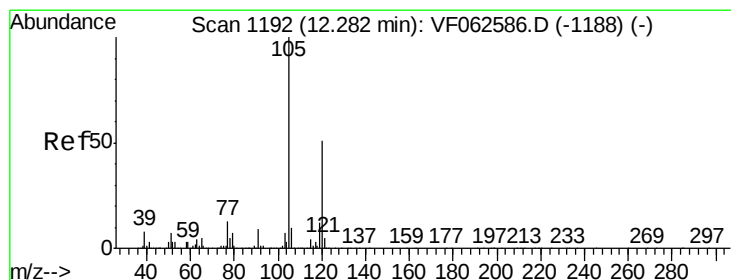
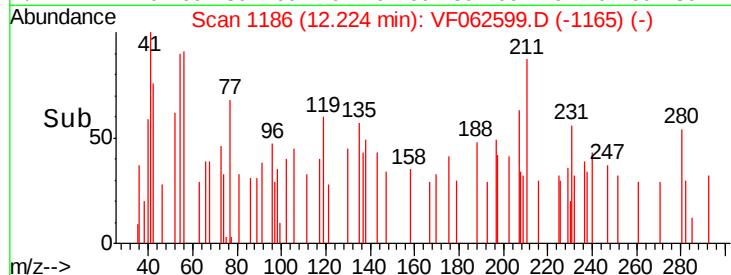
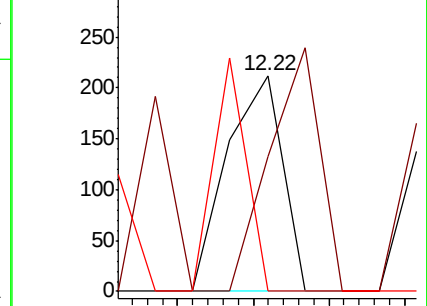
134 0.0 12.6 37.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 31.546 ug/l

RT: 12.29 min Scan# 1193

Delta R.T. 0.01 min

Lab File: VF062599.D

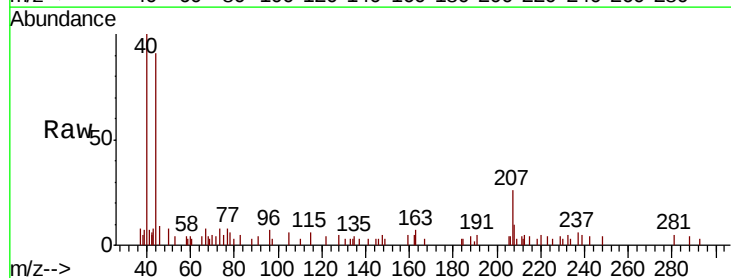
Acq: 15 May 2019 00:25

Tgt Ion:105 Resp: 137

Ion Ratio Lower Upper

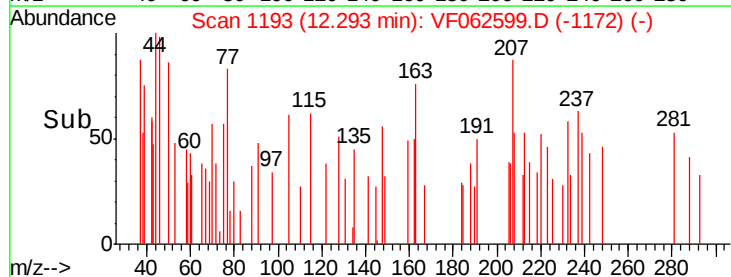
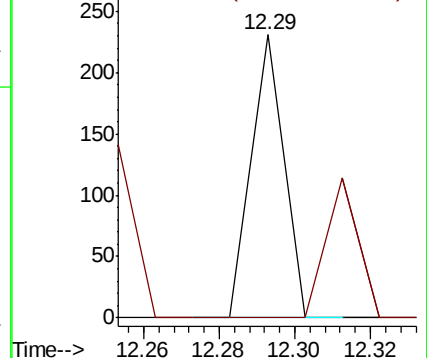
105 100

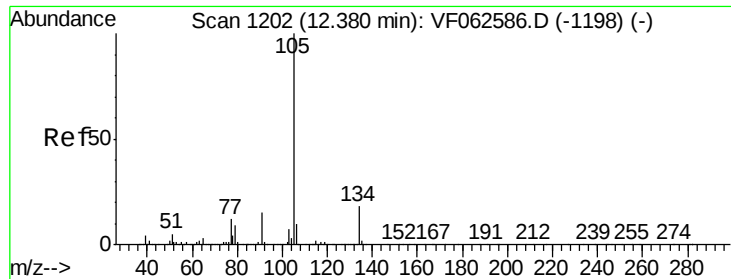
120 0.0 25.4 76.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

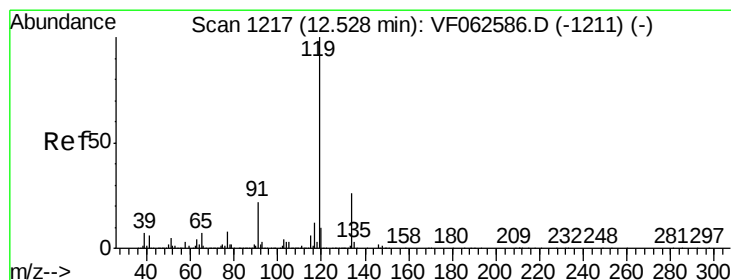
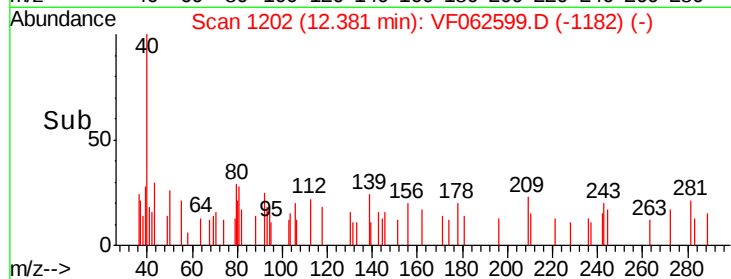
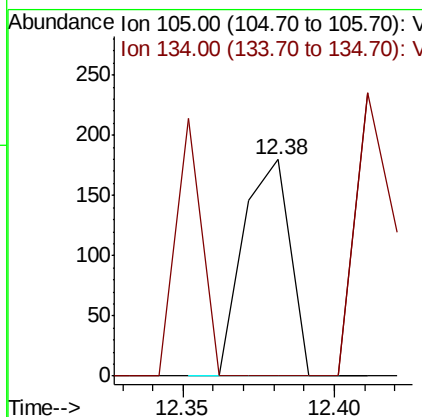
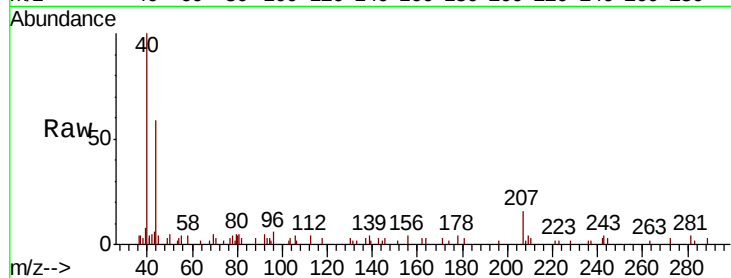




#85
 sec-Butylbenzene
 Concen: 30.739 ug/l
 RT: 12.38 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VF062599.D
 Acq: 15 May 2019 00:25

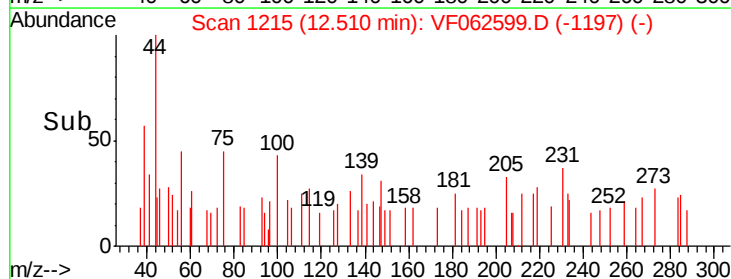
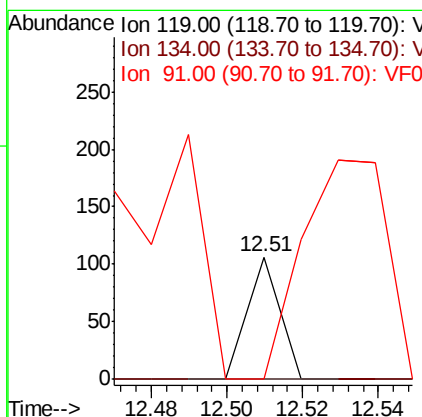
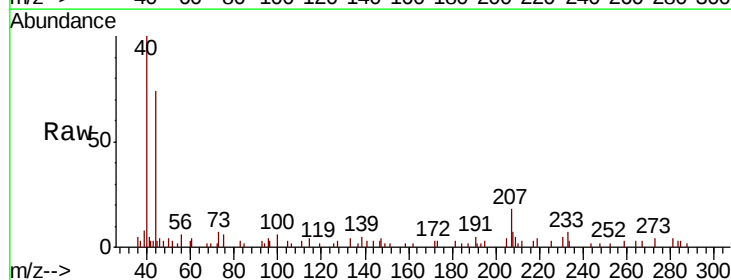
Instrument :
 MSVOA_F
 ClientSampleId :
 COMP-5.8.19

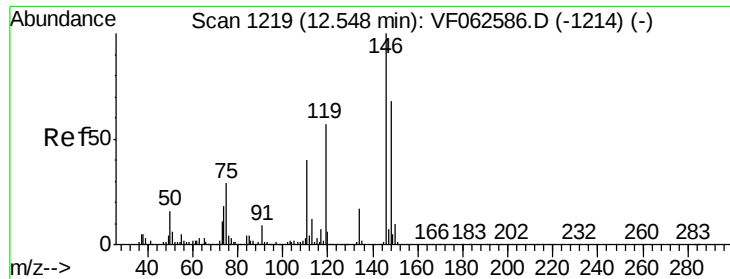
Tot Ion:105 Resp: 193
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.3 27.7#



#86
 p-Isopropyltoluene
 Concen: 12.190 ug/l
 RT: 12.51 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: VF062599.D
 Acq: 15 May 2019 00:25

Tgt Ion:119 Resp: 63
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.0 39.0#
 91 0.0 10.9 32.9#





#87

1,3-Dichlorobenzene

Concen: 73.307 ug/l

RT: 12.58 min Scan# 1222

Delta R.T. 0.03 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

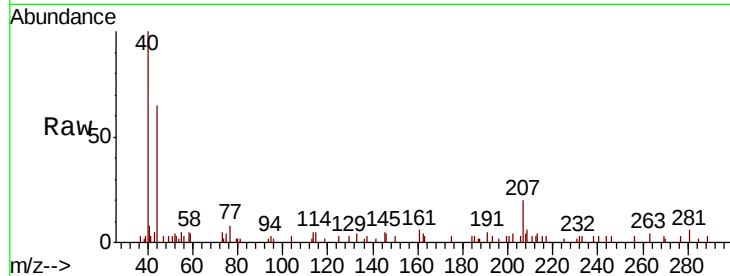
Tot Ion:146 Resp: 183

Ion Ratio Lower Upper

146 100

111 0.0 20.1 60.2#

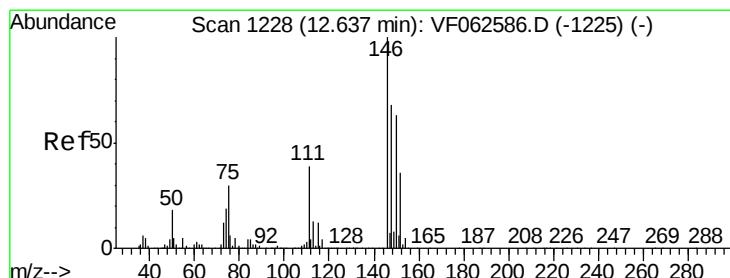
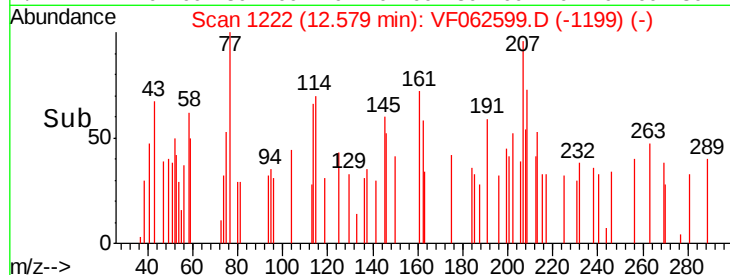
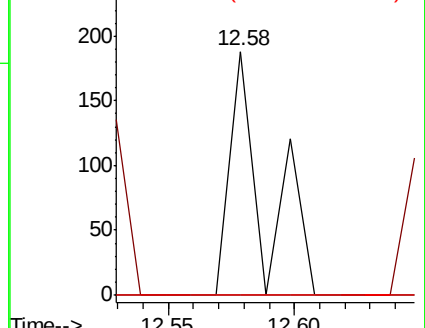
148 0.0 34.0 101.8#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,4-Dichlorobenzene

Concen: 78.146 ug/l

RT: 12.58 min Scan# 1222

Delta R.T. -0.06 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

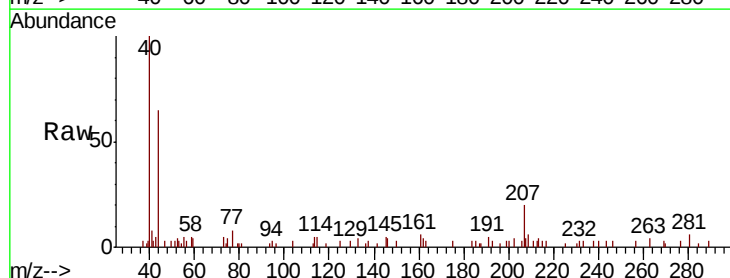
Tgt Ion:146 Resp: 183

Ion Ratio Lower Upper

146 100

111 0.0 19.4 58.1#

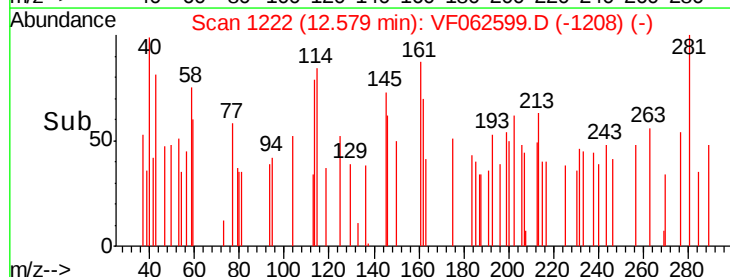
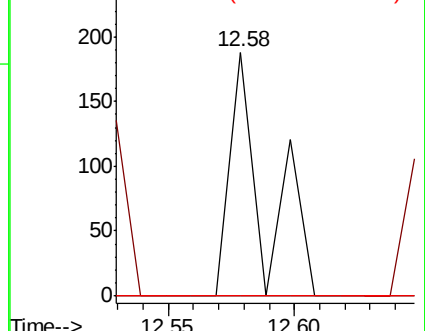
148 0.0 34.2 102.5#

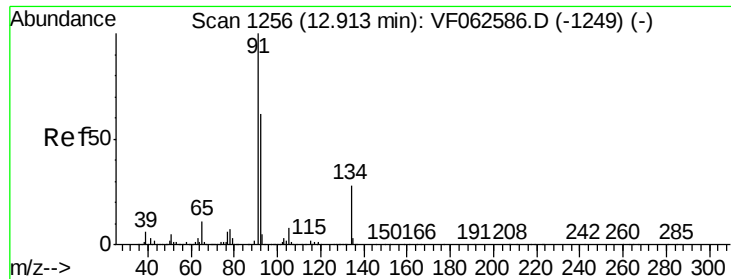


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#89

n-Butylbenzene

Concen: 68.239 ug/l

RT: 12.88 min Scan# 1253

Delta R.T. -0.03 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

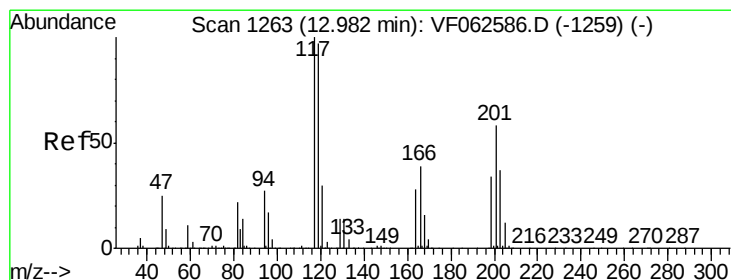
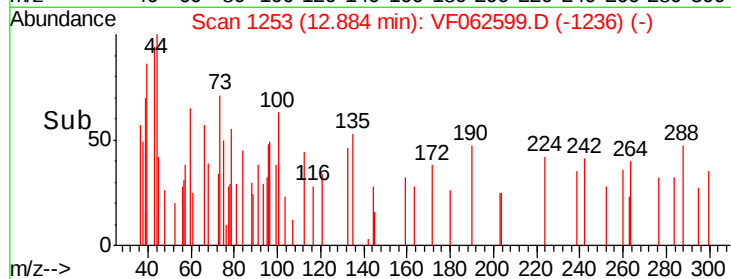
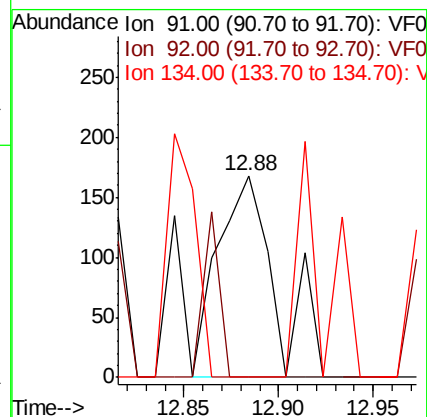
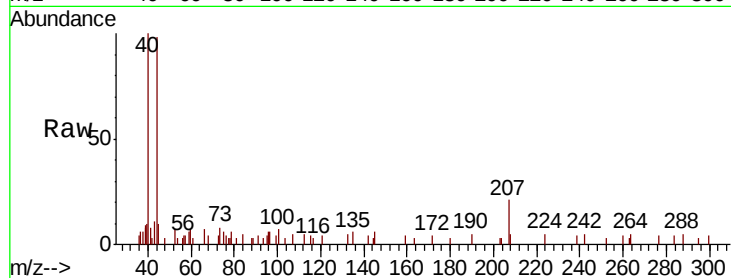
Tot Ion: 91 Resp: 359

Ion Ratio Lower Upper

91 100

92 0.0 30.9 92.8#

134 0.0 13.9 41.6#



#90

Hexachloroethane

Concen: 78.557 ug/l

RT: 13.01 min Scan# 1266

Delta R.T. 0.03 min

Lab File: VF062599.D

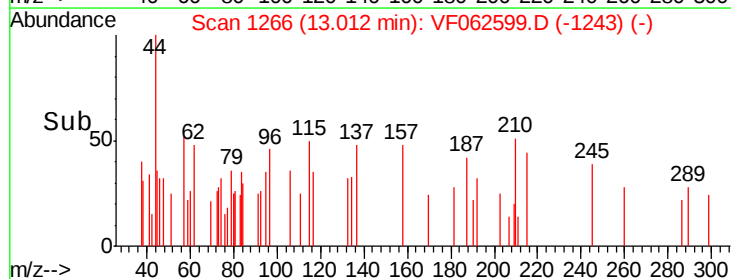
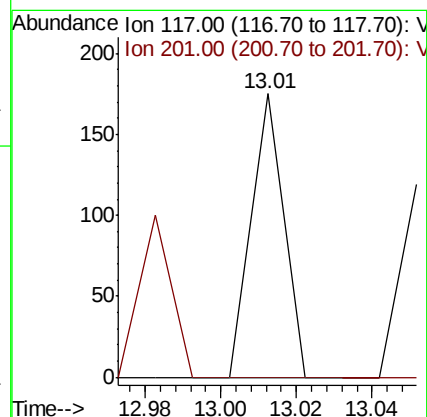
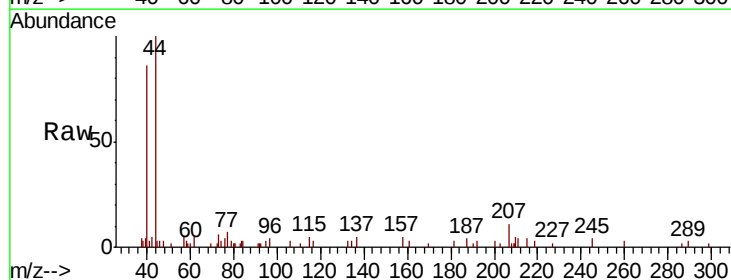
Acq: 15 May 2019 00:25

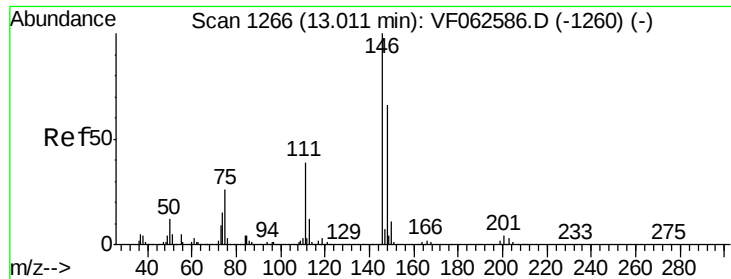
Tgt Ion: 117 Resp: 104

Ion Ratio Lower Upper

117 100

201 0.0 29.7 89.1#





#91

1,2-Dichlorobenzene

Concen: 31.157 ug/l

RT: 12.87 min Scan# 1252

Delta R.T. -0.14 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

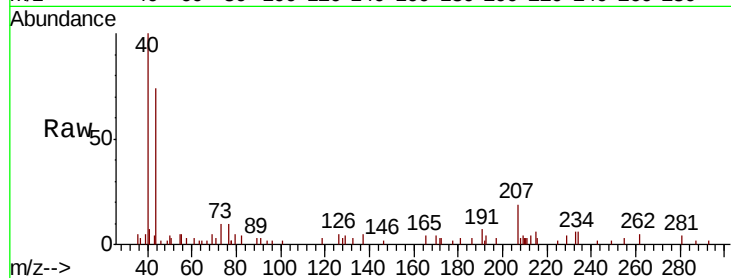
Instrument :

MSVOA_F

ClientSampleId :

COMP-5.8.19

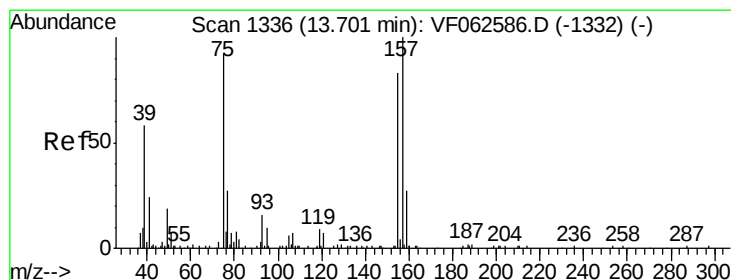
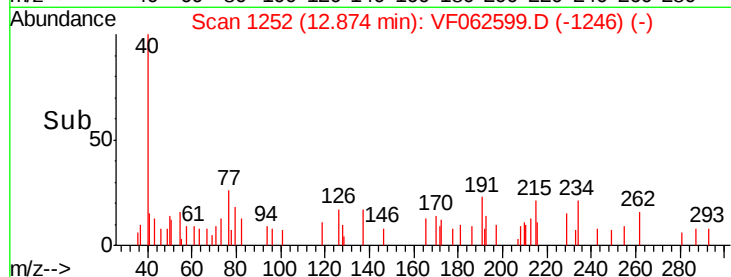
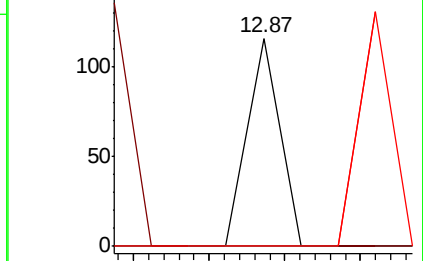
Tot Ion:	146	Resp:	69
Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.4	58.2#
148	0.0	33.1	99.5#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 485.483 ug/l

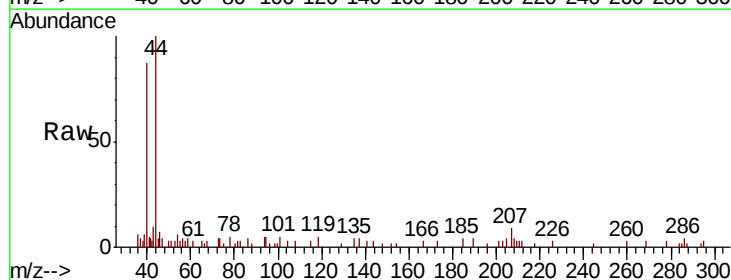
RT: 13.68 min Scan# 1334

Delta R.T. -0.02 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

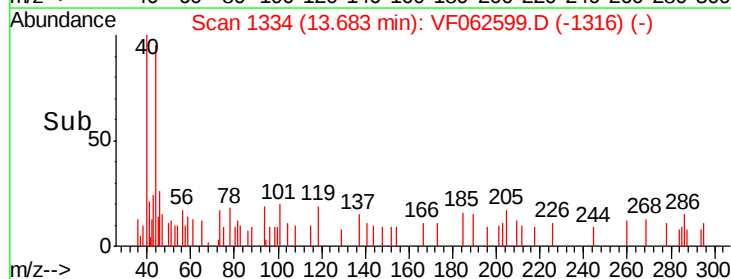
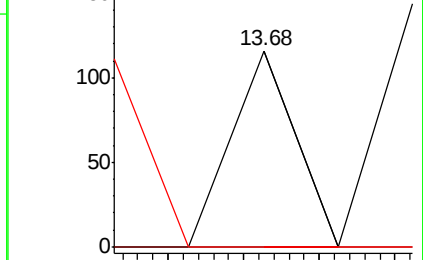
Tgt Ion:	75	Resp:	69
Ion	Ratio	Lower	Upper
75	100		
155	0.0	44.8	134.4#
157	0.0	54.1	162.3#

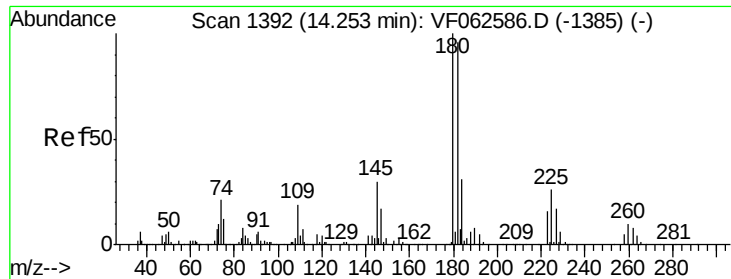


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

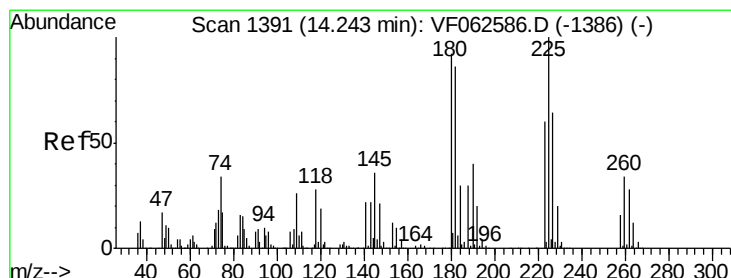
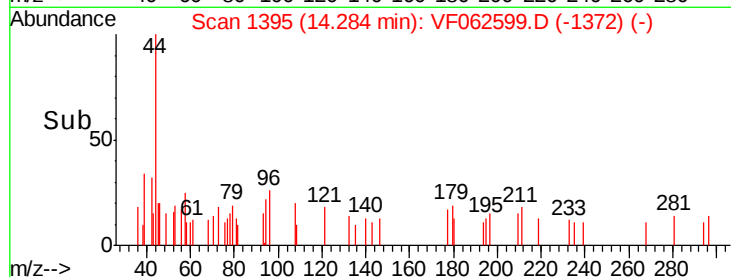
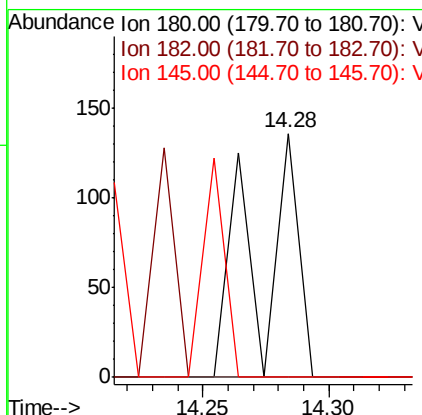
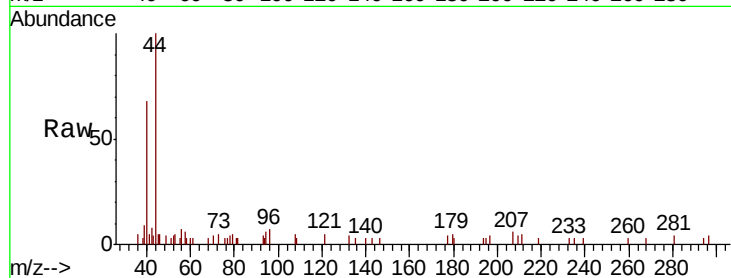




#93
 1,2,4-Trichlorobenzene
 Concen: 99.999 ug/l
 RT: 14.28 min Scan# 1395
 Delta R.T. 0.03 min
 Lab File: VF062599.D
 Acq: 15 May 2019 00:25

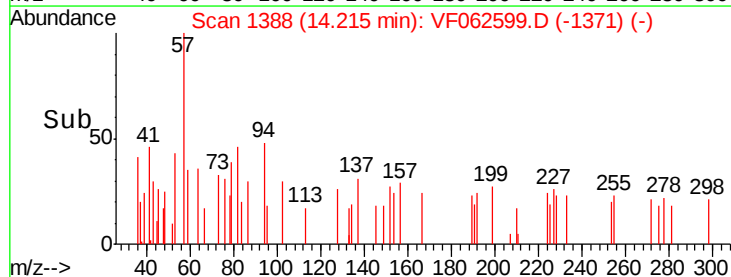
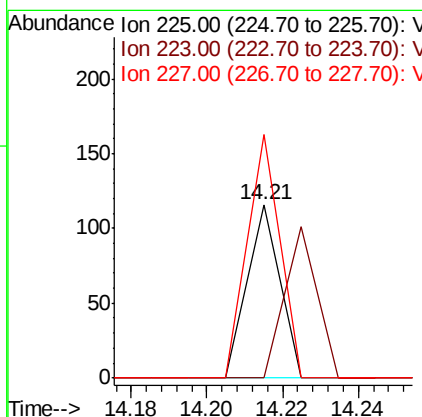
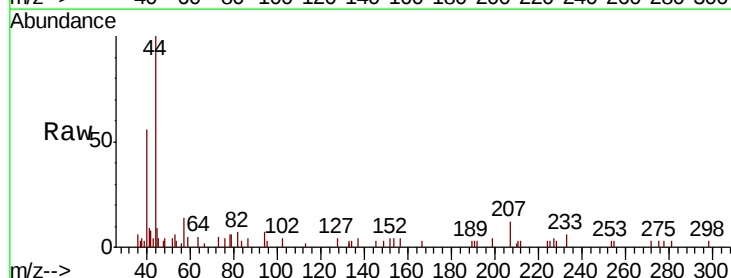
Instrument :
 MSVOA_F
 ClientSampleId :
 COMP-5.8.19

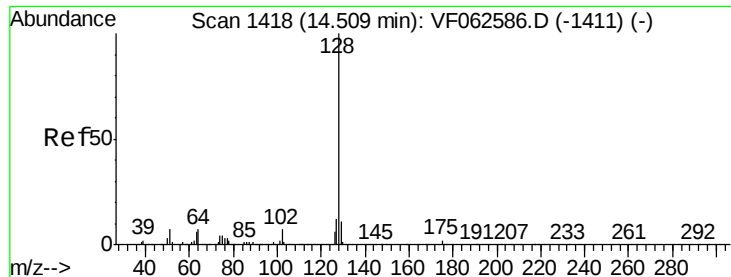
Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.8#
145	0.0	14.8	44.4#



#94
 Hexachlorobutadiene
 Concen: 61.678 ug/l
 RT: 14.21 min Scan# 1388
 Delta R.T. -0.03 min
 Lab File: VF062599.D
 Acq: 15 May 2019 00:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	0.0	29.9	89.7#
227	140.5	31.9	95.9#





#95

Naphthalene

Concen: 67.821 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. -0.01 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

Instrument :

MSVOA_F

ClientSampled :

COMP-5.8.19

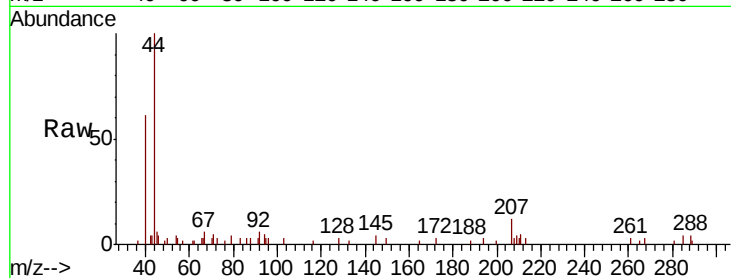
Tot Ion:128 Resp: 170

Ion Ratio Lower Upper

128 100

127 0.0 9.5 14.3#

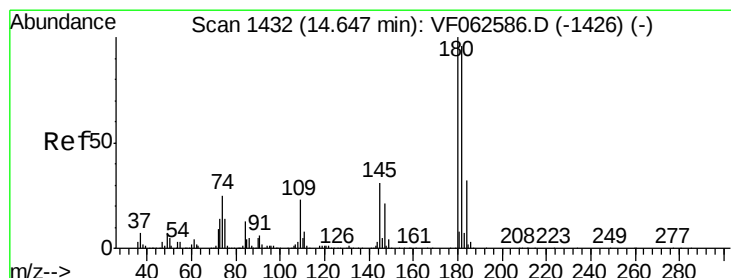
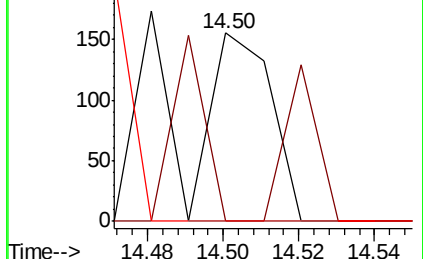
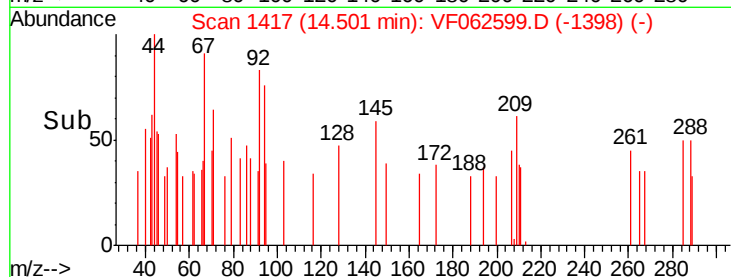
129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 156.788 ug/l

RT: 14.65 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VF062599.D

Acq: 15 May 2019 00:25

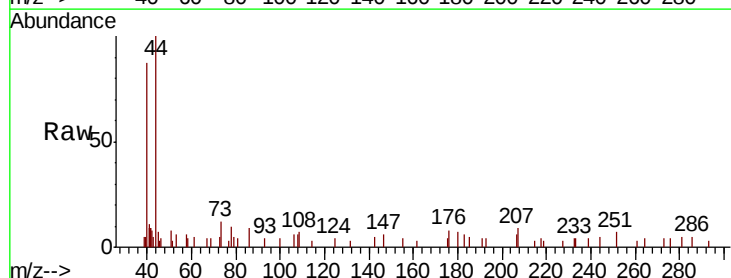
Tgt Ion:180 Resp: 224

Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.3#

145 0.0 15.6 46.7#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

