

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062666.D
 Acq On : 20 May 2019 17:49
 Operator : FY/SY
 Sample : K2894-17
 Misc : 5.10µ/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-9-10

Quant Time: May 21 02:01:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	1460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	601	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.94	117	329	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.59	152	451	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.10	65	498	48.27	ug/l	0.06
Spiked Amount				50.000		
			Recovery	=	96.54%	
35) Dibromofluoromethane	4.33	113	501	108.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	217.88%	
50) Toluene-d8	7.74	98	72	6.56	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	13.12%	
62) 4-Bromofluorobenzene	11.51	95	350	84.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	168.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.95	85	203	10.217	ug/l	81
3) Chloromethane	1.13	50	330	18.038	ug/l	90
4) Vinyl Chloride	1.27	62	313	18.587	ug/l	99
5) Bromomethane	1.41	94	151	16.391	ug/l	96
6) Chloroethane	1.45	64	618	99.924	ug/l #	35
7) Trichlorofluoromethane	1.55	101	567	25.076	ug/l #	21
8) Diethyl Ether	1.73	74	429	95.771	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	1.94	101	68	4.723	ug/l #	19
10) Methyl Iodide	1.95	142	161	5.692	ug/l #	67
11) Tert butyl alcohol	2.68	59	975	1431.419	ug/l #	22
12) 1,1-Dichloroethene	1.87	96	151	11.513	ug/l #	1
13) Acrolein	2.09	56	797	1120.932	ug/l #	78
14) Allyl chloride	2.22	41	325	27.379	ug/l #	71
15) Acrylonitrile	3.09	53	426	221.715	ug/l #	18
16) Acetone	2.35	43	1203	449.454	ug/l	92
17) Carbon Disulfide	1.93	76	537	13.814	ug/l #	1
18) Methyl Acetate	2.30	43	561	133.379	ug/l	91
19) Methyl tert-butyl Ether	2.41	73	1016	43.333	ug/l	93
20) Methylene Chloride	2.35	84	229	17.069	ug/l #	43
21) trans-1,2-Dichloroethene	2.42	96	790	61.625	ug/l #	1
22) Diisopropyl ether	2.94	45	794	27.121	ug/l #	20
23) Vinyl Acetate	3.38	43	1126	57.015	ug/l #	73
24) 1,1-Dichloroethane	3.01	63	486	22.628	ug/l #	1
25) 2-Butanone	4.46	43	924	161.581	ug/l	95
26) 2,2-Dichloropropane	3.85	77	721	58.672	ug/l	97
27) cis-1,2-Dichloroethene	3.68	96	318	15.081	ug/l	39
28) Bromochloromethane	3.92	49	597	49.562	ug/l #	77
29) Tetrahydrofuran	4.31	42	853	368.613	ug/l #	80
30) Chloroform	4.08	83	199	6.674	ug/l #	16
31) Cyclohexane	3.87	56	404	14.009	ug/l #	45
32) 1,1,1-Trichloroethane	4.28	97	774	39.084	ug/l #	41
36) 1,1-Dichloropropene	4.48	75	402	65.277	ug/l #	6
37) Ethyl Acetate	4.33	43	460	182.940	ug/l #	65
38) Carbon Tetrachloride	4.18	117	200	43.182	ug/l #	49

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.63	83	519	70.040	ug/l #	77
40) Benzene	4.86	78	273	16.272	ug/l #	1
41) Methacrylonitrile	4.95	41	828	628.094	ug/l #	29
42) 1,2-Dichloroethane	5.16	62	341	101.924	ug/l #	71
43) Isopropyl Acetate	7.11	43	267	81.962	ug/l #	79
44) Trichloroethene	5.68	130	183	38.810	ug/l #	1
45) 1,2-Dichloropropane	6.41	63	265	62.572	ug/l #	96
46) Dibromomethane	6.29	93	251	102.549	ug/l #	1
47) Bromodichloromethane	6.55	83	241	47.429	ug/l #	25
48) Methyl methacrylate	6.89	41	608	357.081	ug/l #	43
49) 1,4-Dioxane	6.86	88	174	7978.725	ug/l #	1
51) 4-Methyl-2-Pentanone	8.40	43	455	204.338	ug/l #	99
52) Toluene	7.79	92	178	20.230	ug/l #	1
53) t-1,3-Dichloropropene	8.40	75	366	88.043	ug/l #	2
54) cis-1,3-Dichloropropene	7.48	75	515	88.500	ug/l #	1
55) 1,1,2-Trichloroethane	8.64	97	167	64.103	ug/l #	35
56) Ethyl methacrylate	8.77	69	356	114.700	ug/l #	20
57) 1,3-Dichloropropane	8.99	76	92	20.733	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.44	63	275	272.205	ug/l #	51
59) 2-Hexanone	9.61	43	1760	1288.947	ug/l #	23
60) Dibromochloromethane	8.85	129	210	61.849	ug/l #	12
61) 1,2-Dibromoethane	9.13	107	84	30.357	ug/l #	98
64) Tetrachloroethene	8.35	164	240	92.080	ug/l #	25
65) Chlorobenzene	9.92	112	92	14.237	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	10.07	131	325	125.284	ug/l #	72
67) Ethyl Benzene	10.04	91	421	37.503	ug/l #	42
68) m/p-Xylenes	10.14	106	160	37.923	ug/l #	98
69) o-Xylene	10.93	106	255	58.679	ug/l #	37
70) Styrene	10.85	104	321	48.598	ug/l #	66
71) Bromoform	10.92	173	287	220.901	ug/l #	27
73) Isopropylbenzene	11.31	105	455	14.076	ug/l #	74
74) N-amyl acetate	11.41	43	1411	186.270	ug/l #	29
75) 1,1,2,2-Tetrachloroethane	11.76	83	238	36.029	ug/l #	23
76) 1,2,3-Trichloropropane	11.88	75	309	71.191	ug/l #	1
77) Bromobenzene	11.43	156	66	8.214	ug/l #	81
78) n-propylbenzene	11.72	91	768	20.076	ug/l #	9
79) 2-Chlorotoluene	11.84	91	1021	47.359	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.91	105	287	11.073	ug/l #	73
81) trans-1,4-Dichloro-2-buten	11.96	75	653	338.455	ug/l #	95
82) 4-Chlorotoluene	11.99	91	534	25.118	ug/l #	75
83) tert-Butylbenzene	12.20	119	214	8.138	ug/l #	14
84) 1,2,4-Trimethylbenzene	12.30	105	450	17.938	ug/l #	99
85) sec-Butylbenzene	12.36	105	251	7.113	ug/l #	54
86) p-Isopropyltoluene	12.51	119	291	9.785	ug/l #	49
87) 1,3-Dichlorobenzene	12.55	146	66	4.540	ug/l #	23
88) 1,4-Dichlorobenzene	12.64	146	330	24.191	ug/l #	40
89) n-Butylbenzene	12.90	91	1352	46.108	ug/l #	42
90) Hexachloroethane	12.97	117	239	33.500	ug/l #	20
91) 1,2-Dichlorobenzene	12.96	146	76	5.865	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.71	75	379	480.934	ug/l #	1

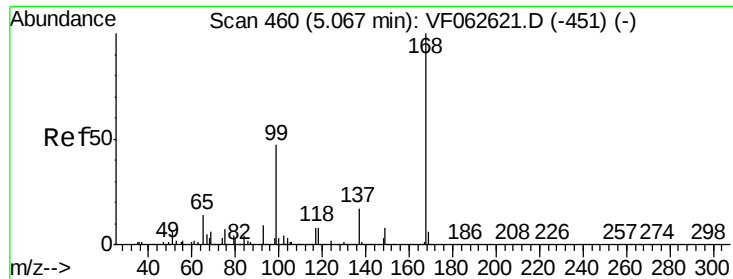
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.20	180	153	16.496	ug/l #	1
94) Hexachlorobutadiene	14.20	225	77	11.896	ug/l #	16
95) Naphthalene	14.52	128	91	5.401	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.65	180	63	7.171	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

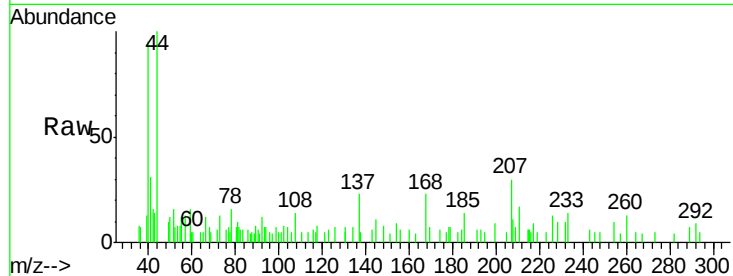
SB-02-9-10

Tot Ion:168 Resp: 1460

Ion Ratio Lower Upper

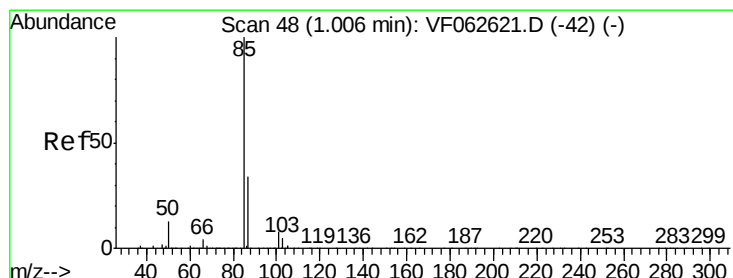
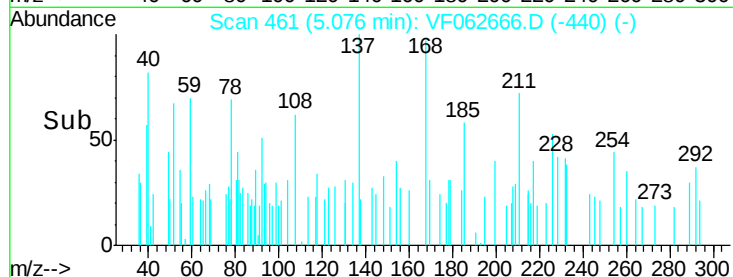
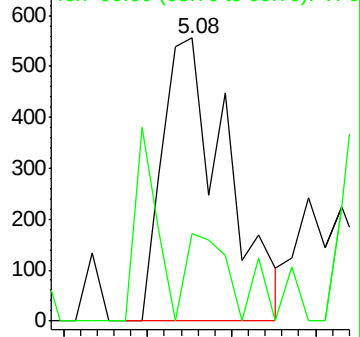
168 100

99 30.9 37.8 56.8#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 10.217 ug/l

RT: 0.95 min Scan# 42

Delta R.T. -0.06 min

Lab File: VF062666.D

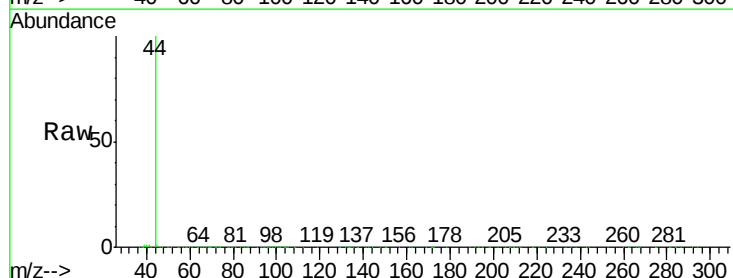
Acq: 20 May 2019 17:49

Tgt Ion: 85 Resp: 203

Ion Ratio Lower Upper

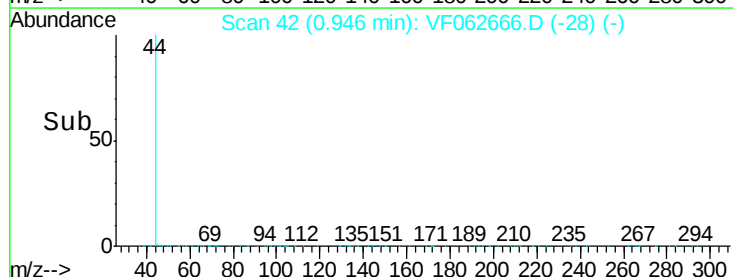
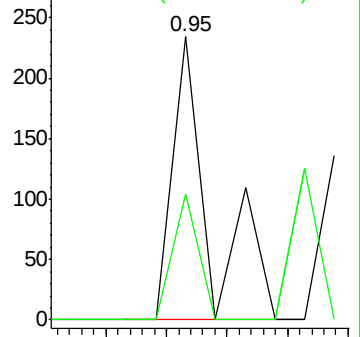
85 100

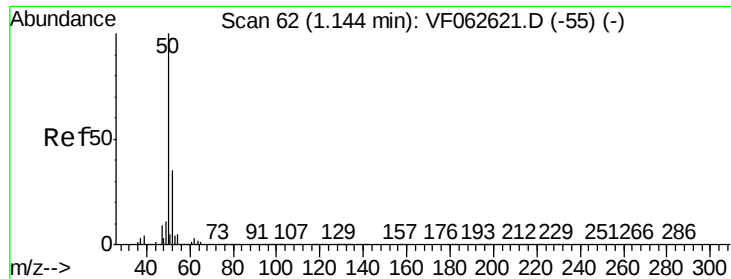
87 44.4 16.8 50.3



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 18.038 ug/l

RT: 1.13 min Scan# 61

Delta R.T. -0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

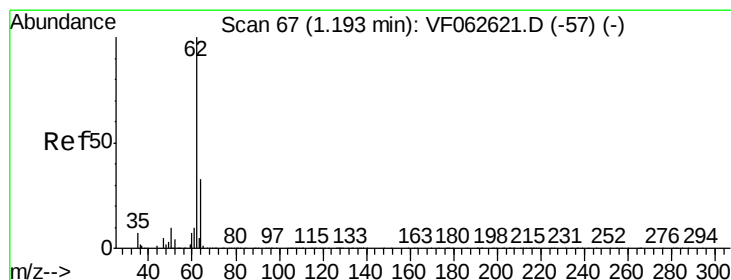
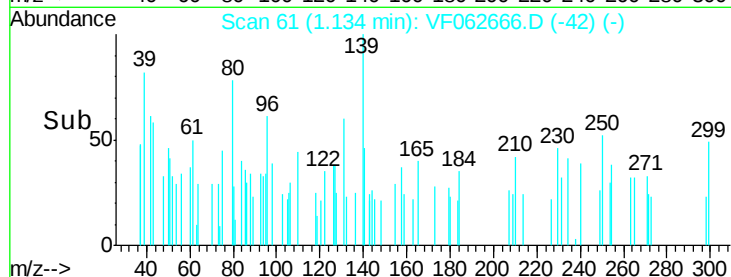
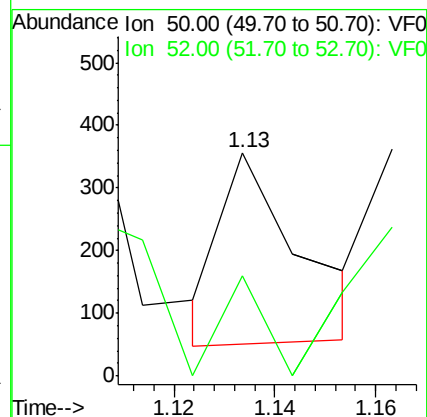
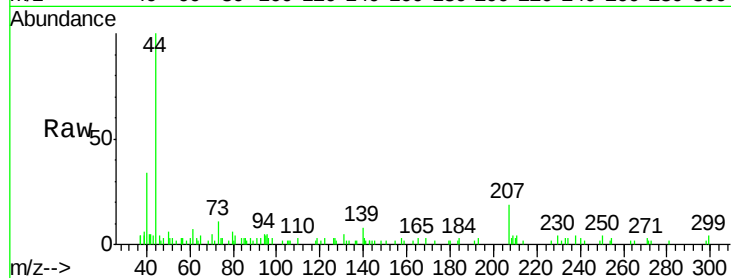
SB-02-9-10

Tot Ion: 50 Resp: 330

Ion Ratio Lower Upper

50 100

52 28.7 27.5 41.3



#4

Vinyl Chloride

Concen: 18.587 ug/l

RT: 1.27 min Scan# 75

Delta R.T. 0.08 min

Lab File: VF062666.D

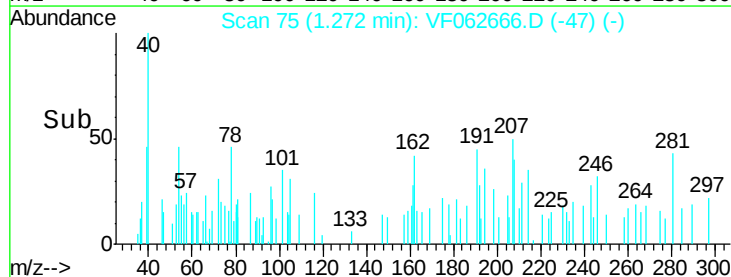
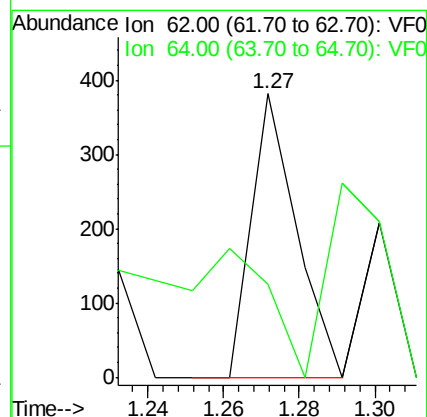
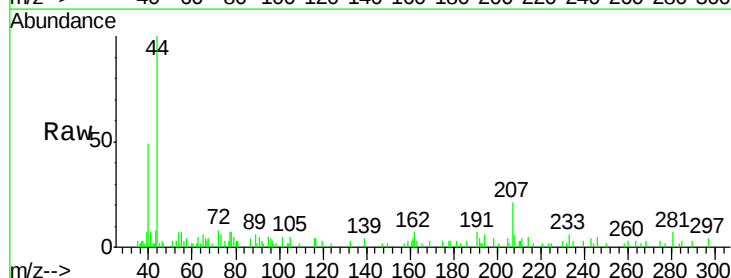
Acq: 20 May 2019 17:49

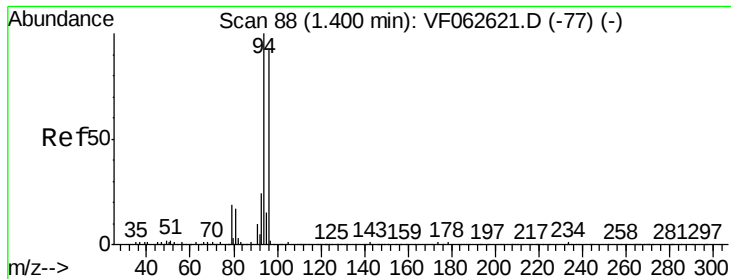
Tgt Ion: 62 Resp: 313

Ion Ratio Lower Upper

62 100

64 32.7 26.7 40.1





#5

Bromomethane

Concen: 16.391 ug/l

RT: 1.41 min Scan# 89

Delta R.T. 0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampled :

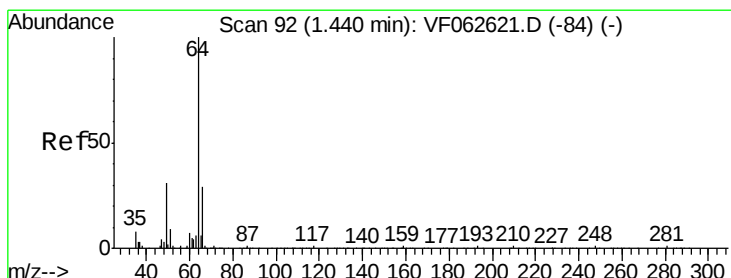
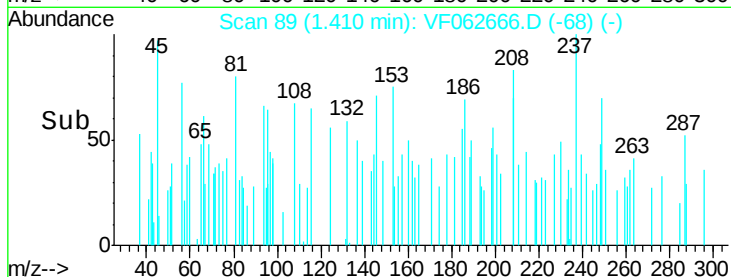
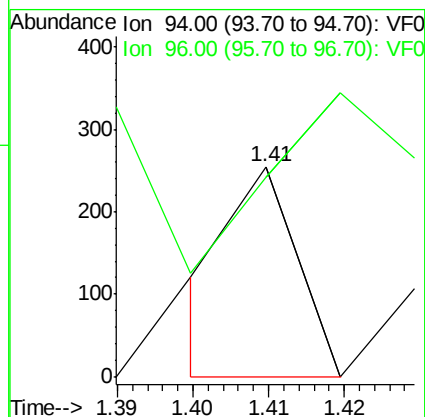
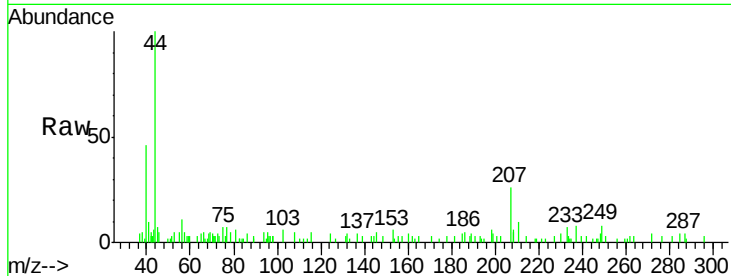
SB-02-9-10

Tot Ion: 94 Resp: 151

Ion Ratio Lower Upper

94 100

96 94.9 73.2 109.8



#6

Chloroethane

Concen: 99.924 ug/l

RT: 1.45 min Scan# 93

Delta R.T. 0.01 min

Lab File: VF062666.D

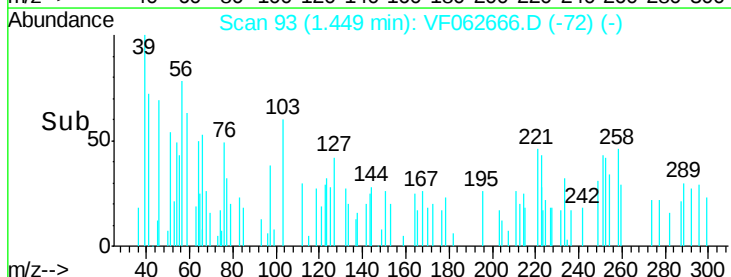
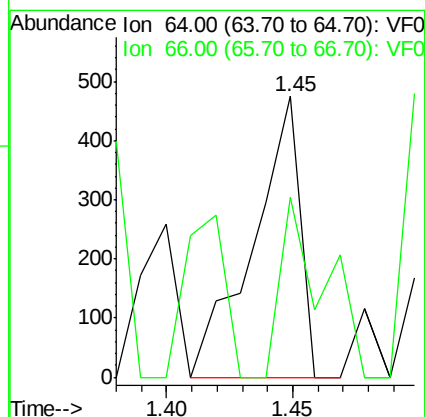
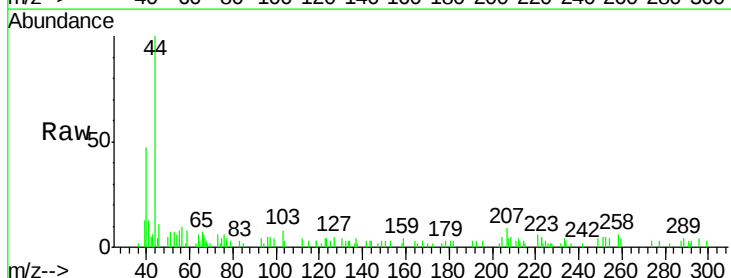
Acq: 20 May 2019 17:49

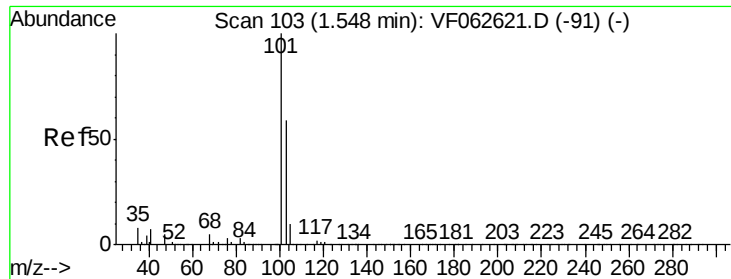
Tgt Ion: 64 Resp: 618

Ion Ratio Lower Upper

64 100

66 64.0 23.4 35.2#



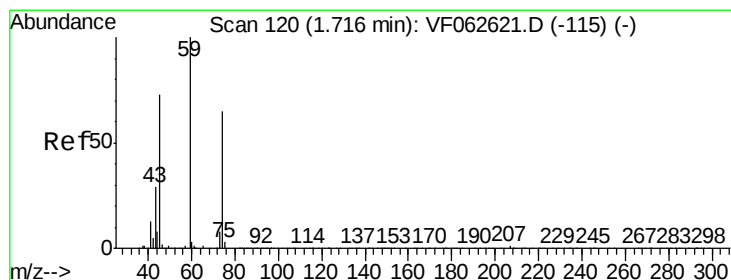
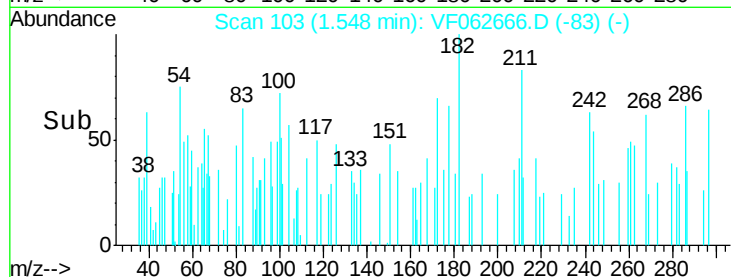
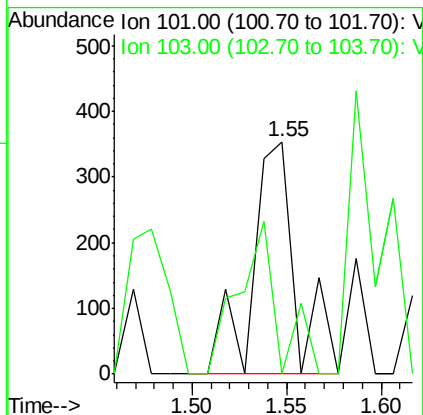
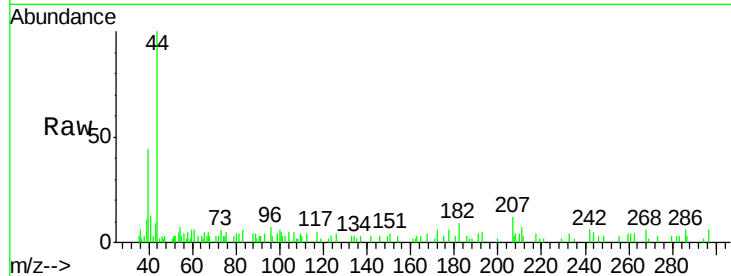


#7

Trichlorofluoromethane
Concen: 25.076 ug/l
RT: 1.55 min Scan# 103
Delta R.T. -0.00 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

Instrument :
MSVOA_F
ClientSampled :
SB-02-9-10

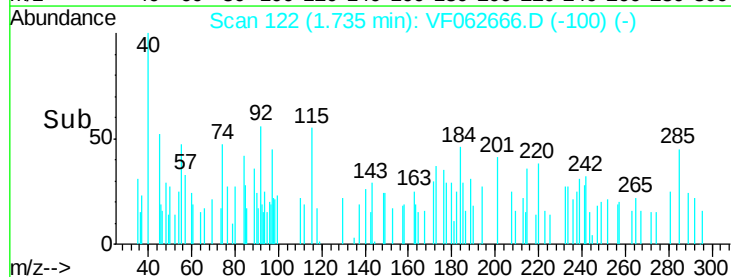
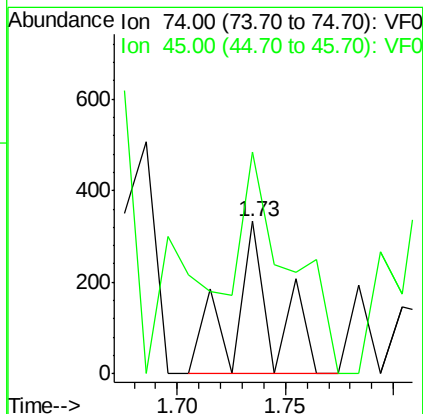
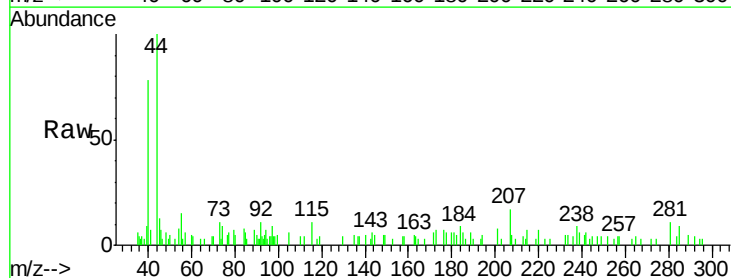
Tot Ion:101 Resp: 567
Ion Ratio Lower Upper
101 100
103 0.0 47.3 70.9#

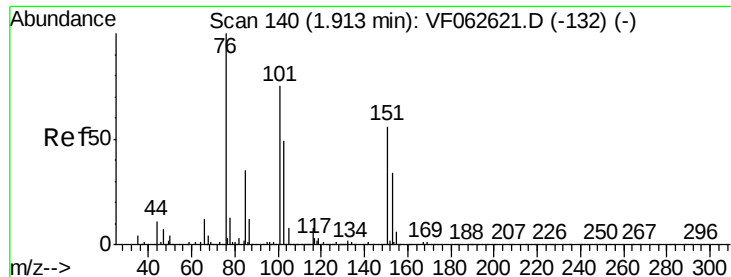


#8

Diethyl Ether
Concen: 95.771 ug/l
RT: 1.73 min Scan# 122
Delta R.T. 0.02 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

Tgt Ion: 74 Resp: 429
Ion Ratio Lower Upper
74 100
45 145.3 57.0 170.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.723 ug/l

RT: 1.94 min Scan# 143

Delta R.T. 0.03 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

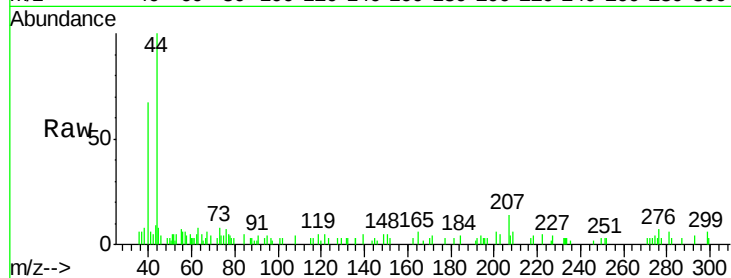
Tot Ion:101 Resp: 68

Ion Ratio Lower Upper

101 100

85 0.0 37.1 55.7#

151 0.0 58.8 88.2#



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

400

300

200

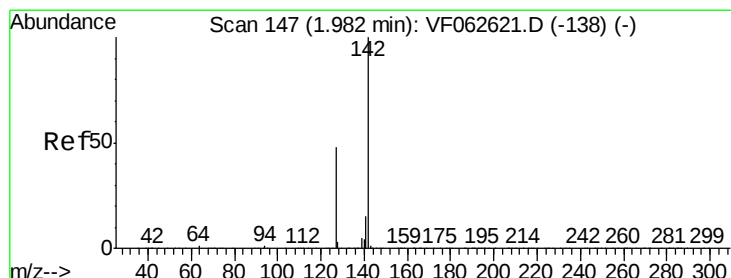
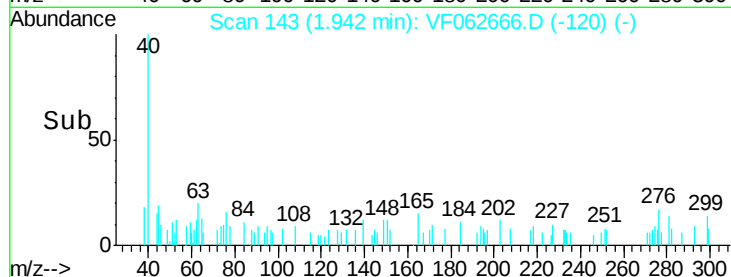
100

0

1.92 1.94 1.96

1.94

Time-->



#10

Methyl Iodide

Concen: 5.692 ug/l

RT: 1.95 min Scan# 144

Delta R.T. -0.03 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

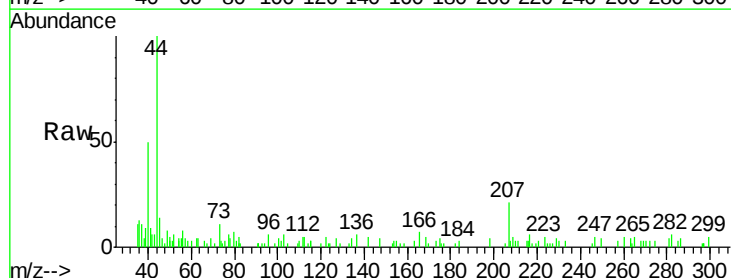
Tgt Ion:142 Resp: 161

Ion Ratio Lower Upper

142 100

127 69.2 38.1 57.1#

141 0.0 11.7 17.5#



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

400

300

200

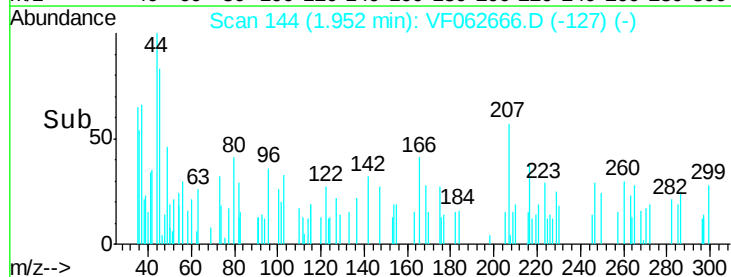
100

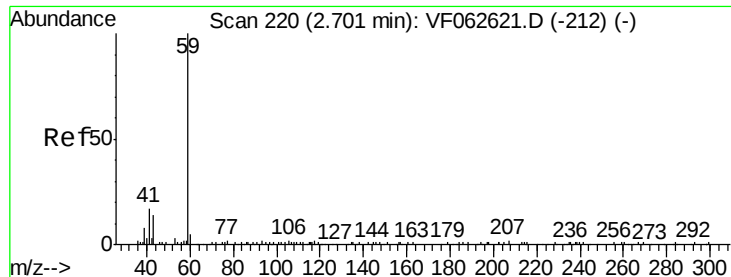
0

1.92 1.94 1.96 1.98

1.95

Time-->



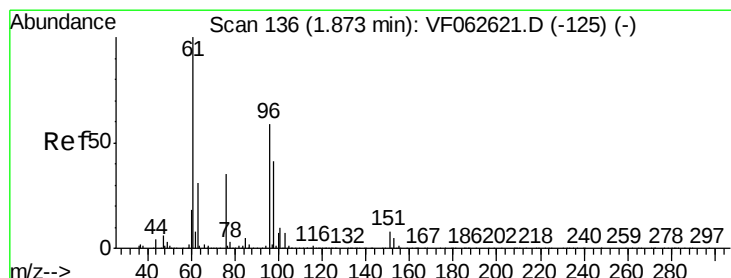
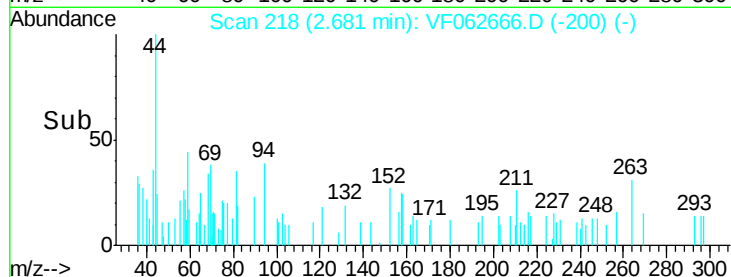
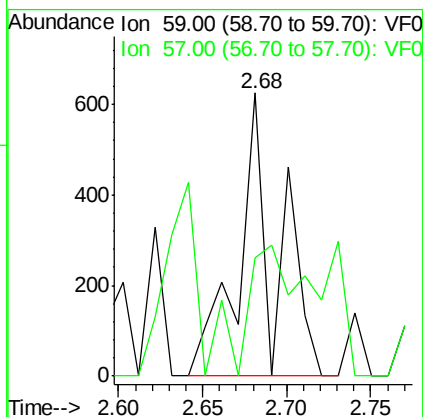
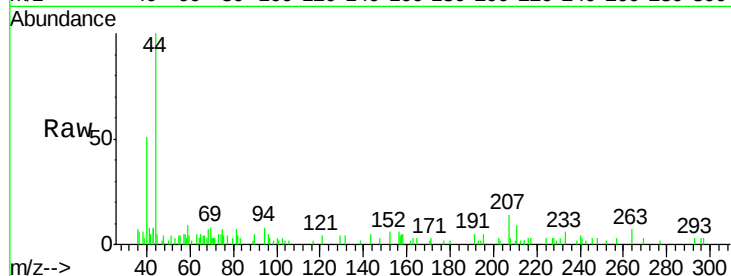


#11

Tert butyl alcohol
 Concen: 1431.419 ug/l
 RT: 2.68 min Scan# 218
 Delta R.T. -0.02 min
 Lab File: VF062666.D
 Acq: 20 May 2019 17:49

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-9-10

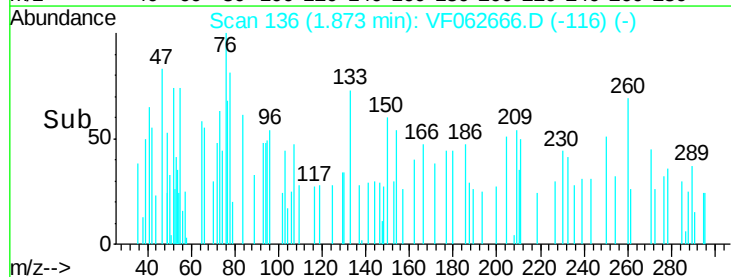
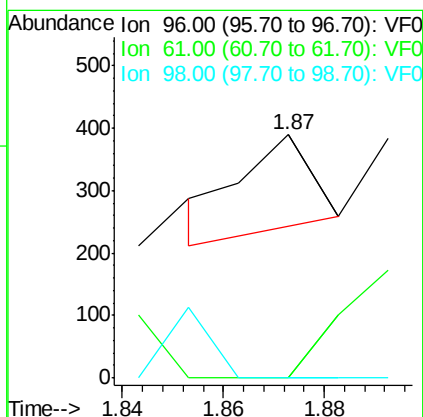
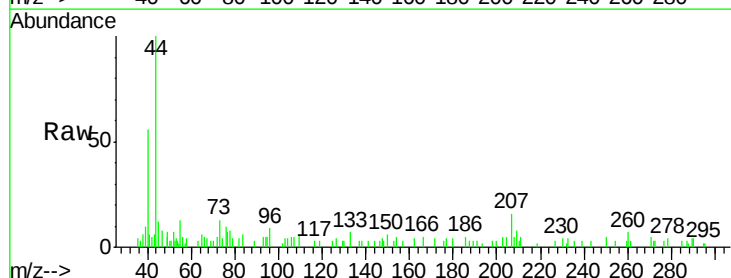
Tot Ion: 59 Resp: 975
 Ion Ratio Lower Upper
 59 100
 57 41.8 9.3 13.9#

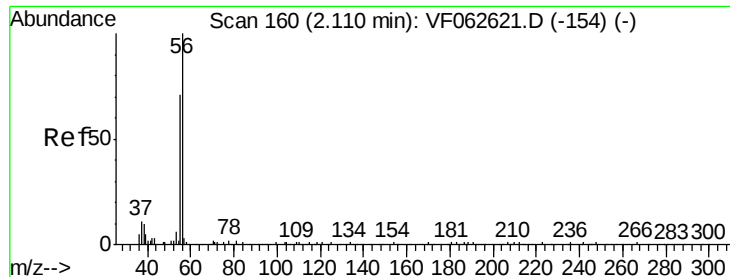


#12

1,1-Dichloroethene
 Concen: 11.513 ug/l
 RT: 1.87 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VF062666.D
 Acq: 20 May 2019 17:49

Tgt Ion: 96 Resp: 151
 Ion Ratio Lower Upper
 96 100
 61 0.0 134.3 201.5#
 98 0.0 55.0 82.6#





#13

Acrolein

Concen: 1120.932 ug/l

RT: 2.09 min Scan# 158

Delta R.T. -0.02 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

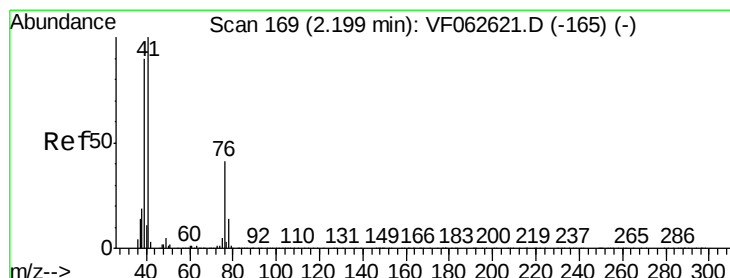
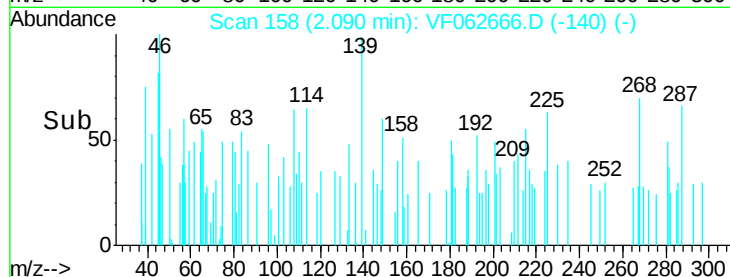
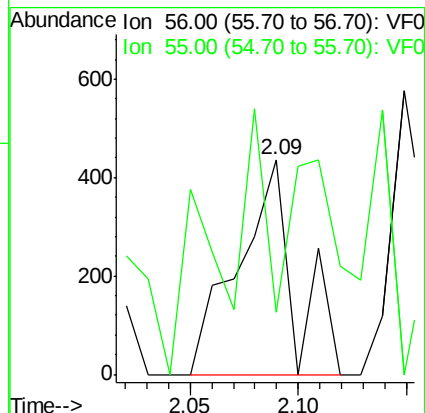
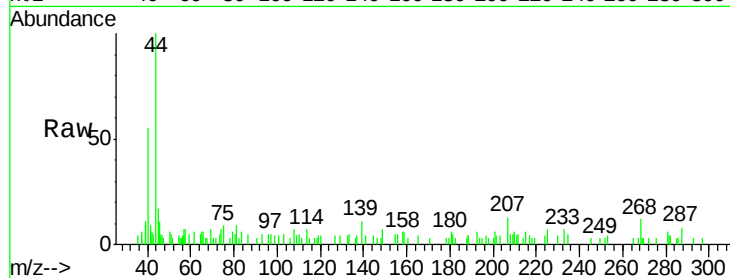
SB-02-9-10

Tot Ion: 56 Resp: 797

Ion Ratio Lower Upper

56 100

55 55.4 59.4 89.0#



#14

Allyl chloride

Concen: 27.379 ug/l

RT: 2.22 min Scan# 171

Delta R.T. 0.02 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

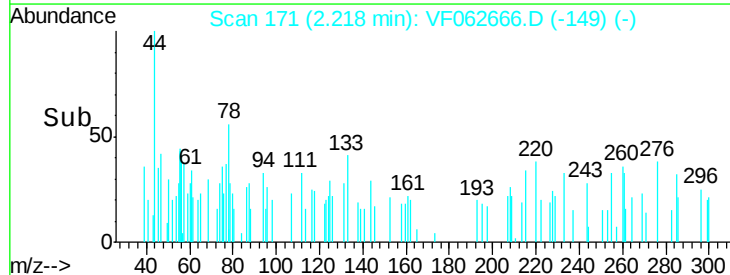
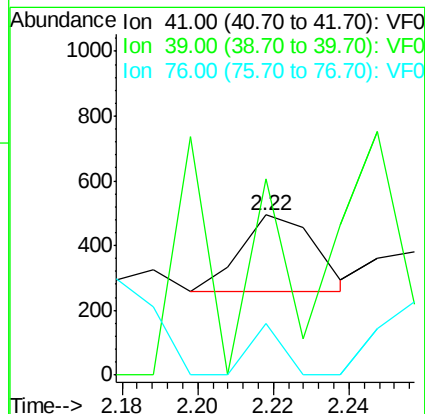
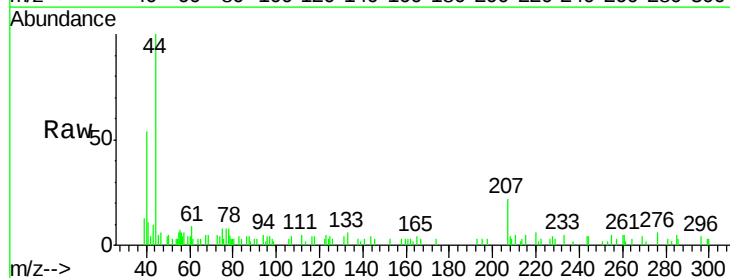
Tgt Ion: 41 Resp: 325

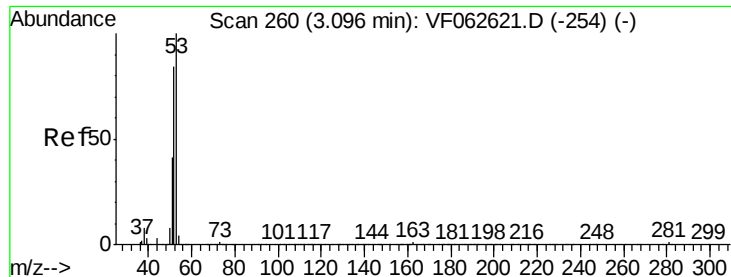
Ion Ratio Lower Upper

41 100

39 122.8 72.0 108.0#

76 32.1 34.8 52.2#





#15

Acrylonitrile

Concen: 221.715 ug/l

RT: 3.09 min Scan# 259

Delta R.T. -0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampled :

SB-02-9-10

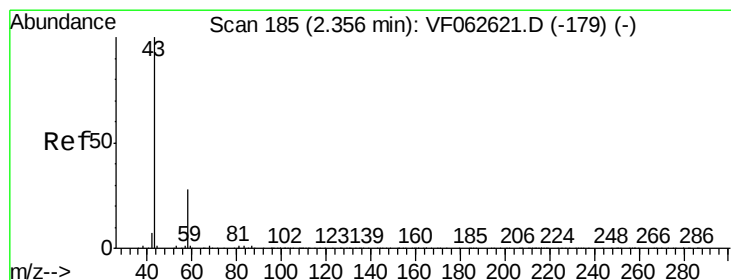
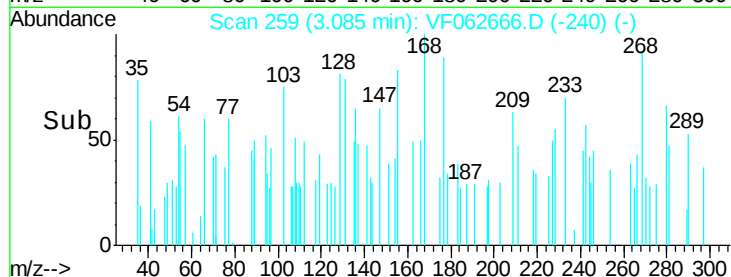
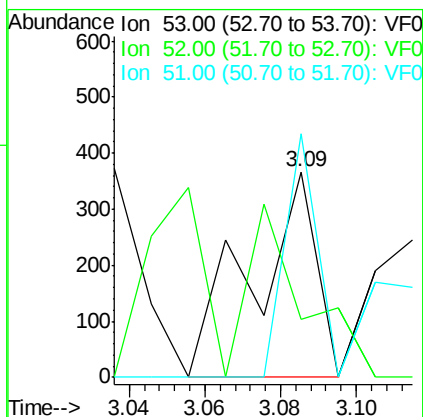
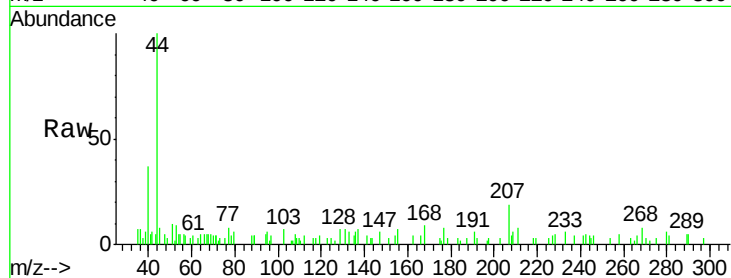
Tot Ion: 53 Resp: 426

Ion Ratio Lower Upper

53 100

52 28.4 67.3 100.9#

51 118.6 33.0 49.6#



#16

Acetone

Concen: 449.454 ug/l

RT: 2.35 min Scan# 184

Delta R.T. -0.01 min

Lab File: VF062666.D

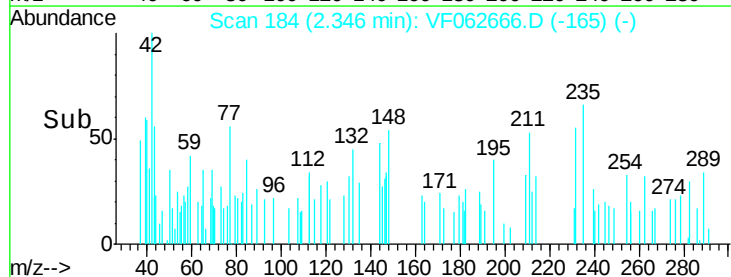
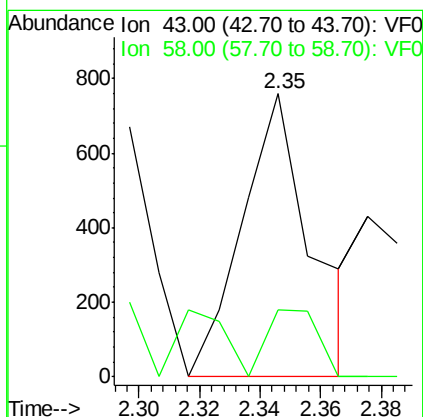
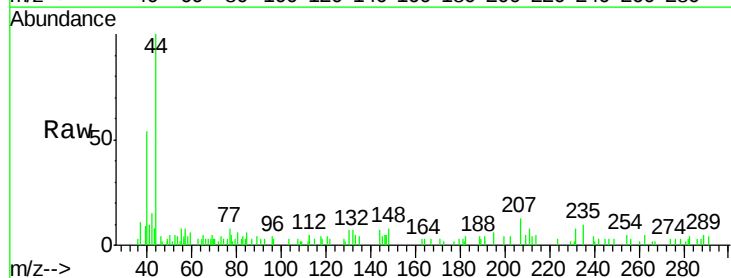
Acq: 20 May 2019 17:49

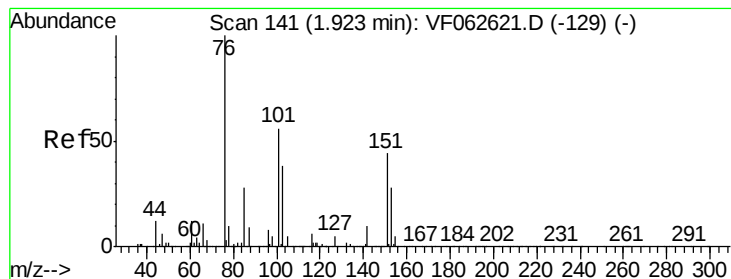
Tgt Ion: 43 Resp: 1203

Ion Ratio Lower Upper

43 100

58 23.8 22.6 33.8





#17

Carbon Disulfide

Concen: 13.814 ug/l

RT: 1.93 min Scan# 142

Delta R.T. 0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

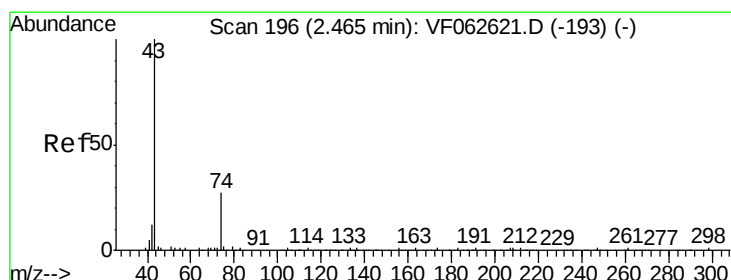
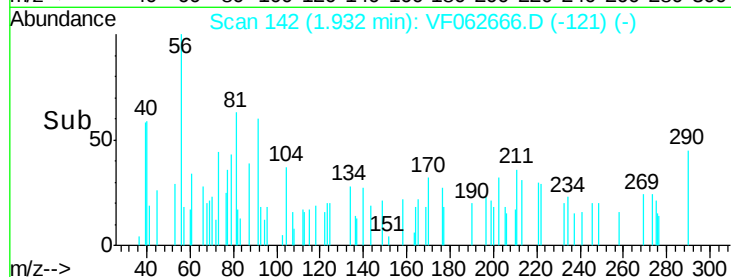
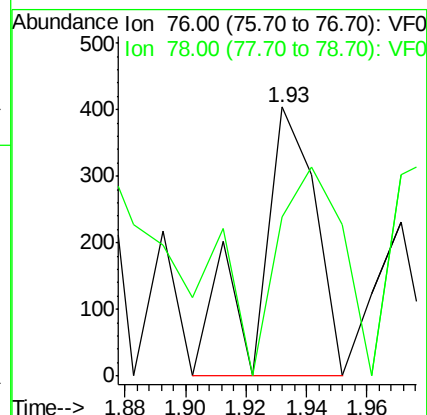
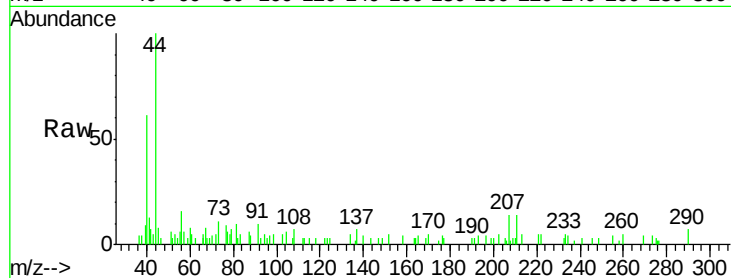
SB-02-9-10

Tot Ion: 76 Resp: 537

Ion Ratio Lower Upper

76 100

78 59.2 8.4 12.6#



#18

Methyl Acetate

Concen: 133.379 ug/l

RT: 2.30 min Scan# 179

Delta R.T. -0.17 min

Lab File: VF062666.D

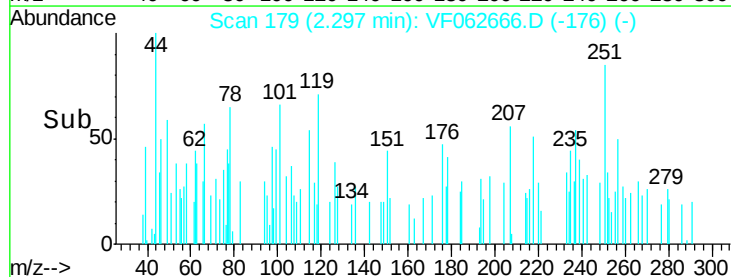
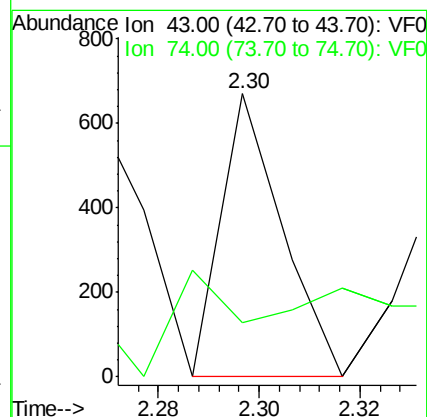
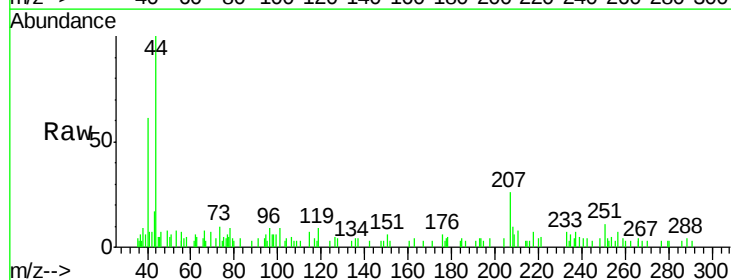
Acq: 20 May 2019 17:49

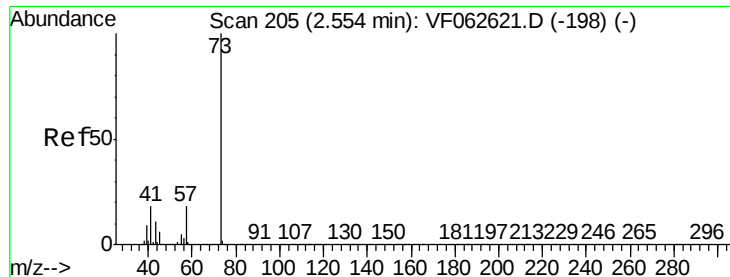
Tgt Ion: 43 Resp: 561

Ion Ratio Lower Upper

43 100

74 19.3 18.9 28.3

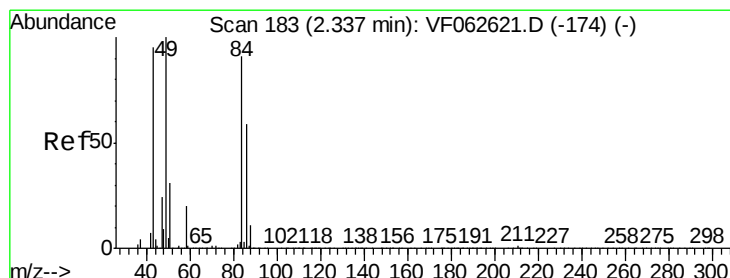
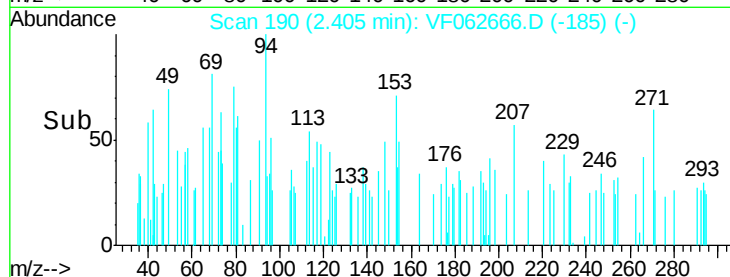
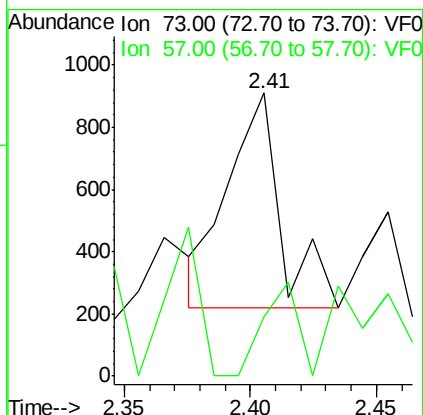
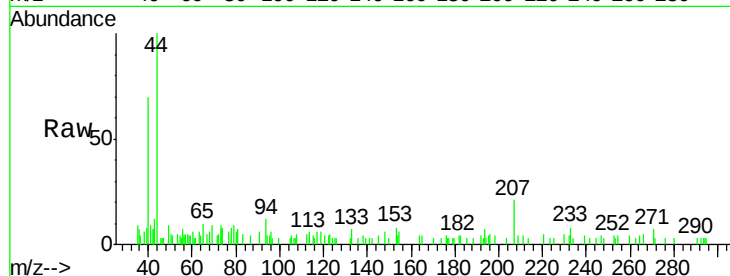




#19
Methvl tert-butvl Ether
Concen: 43.333 ug/l
RT: 2.41 min Scan# 190
Delta R.T. -0.15 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

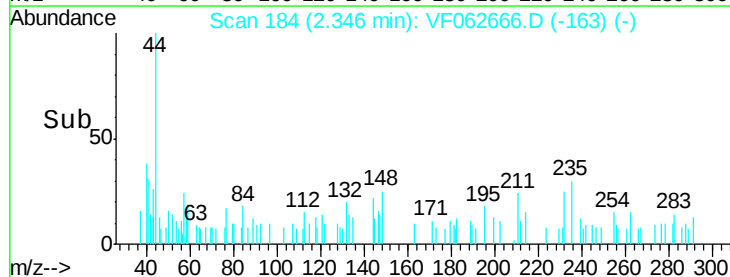
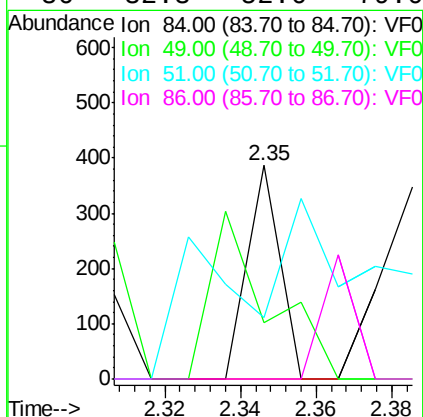
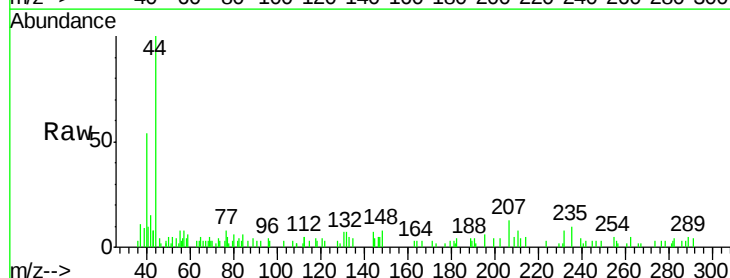
Instrument :
MSVOA_F
ClientSampleId :
SB-02-9-10

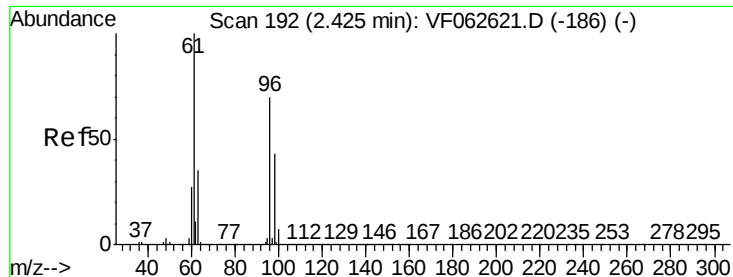
Tot Ion: 73 Resp: 1016
Ion Ratio Lower Upper
73 100
57 20.9 14.2 21.4



#20
Methylene Chloride
Concen: 17.069 ug/l
RT: 2.35 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

Tgt Ion: 84 Resp: 229
Ion Ratio Lower Upper
84 100
49 26.1 89.8 134.8#
51 28.9 28.4 42.6
86 32.3 52.6 79.0#





#21

trans-1,2-Dichloroethene

Concen: 61.625 ug/l

RT: 2.42 min Scan# 192

Delta R.T. -0.00 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampled :

SB-02-9-10

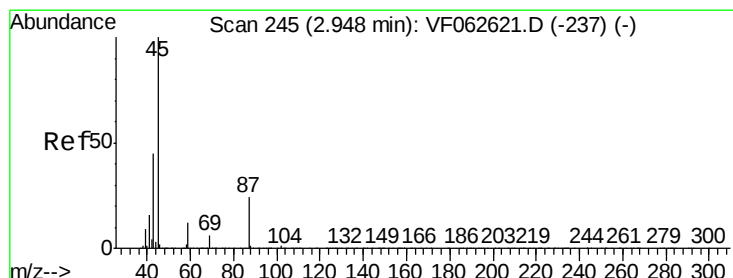
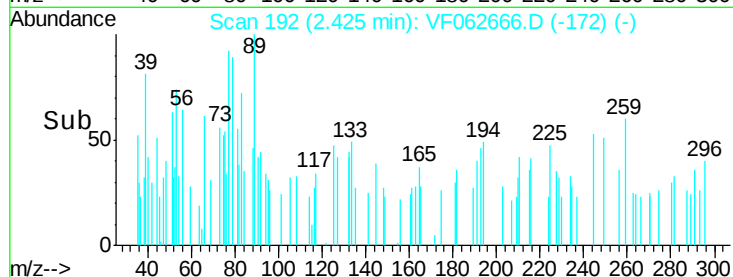
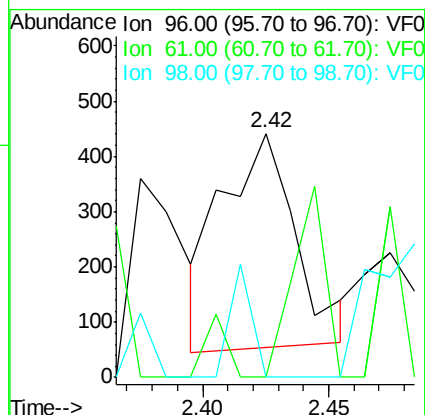
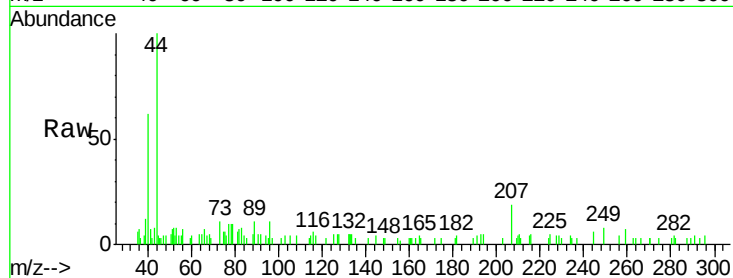
Tot Ion: 96 Resp: 790

Ion Ratio Lower Upper

96 100

61 0.0 114.6 171.8#

98 0.0 49.5 74.3#



#22

Diisopropyl ether

Concen: 27.121 ug/l

RT: 2.94 min Scan# 244

Delta R.T. -0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Tgt Ion: 45 Resp: 794

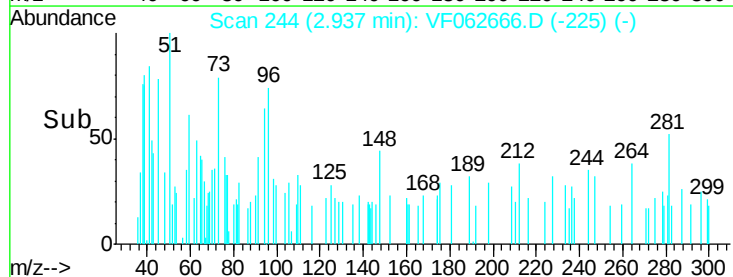
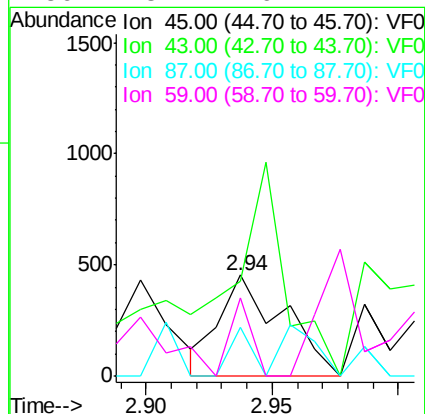
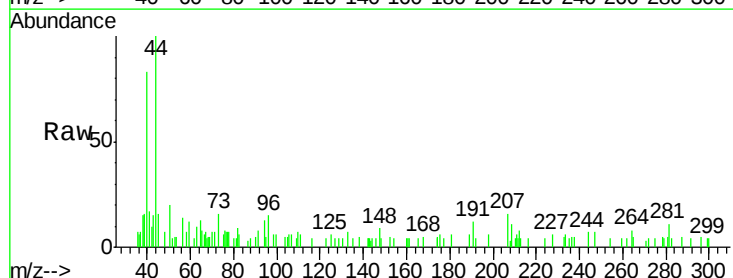
Ion Ratio Lower Upper

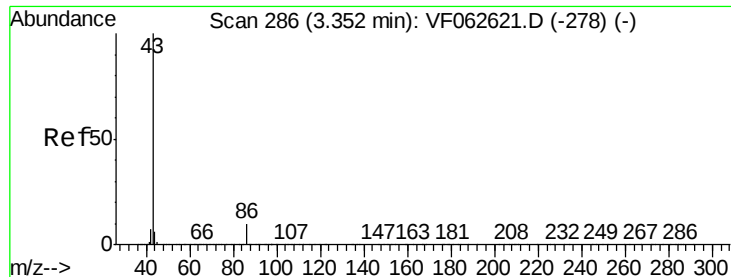
45 100

43 93.8 36.4 54.6#

87 48.3 19.3 28.9#

59 78.1 9.4 14.2#





#23

Vinyl Acetate

Concen: 57.015 ug/l

RT: 3.38 min Scan# 289

Delta R.T. 0.03 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

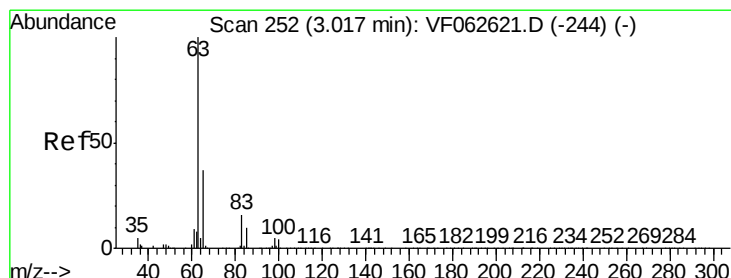
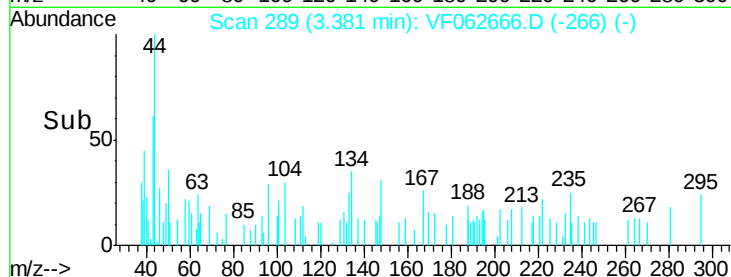
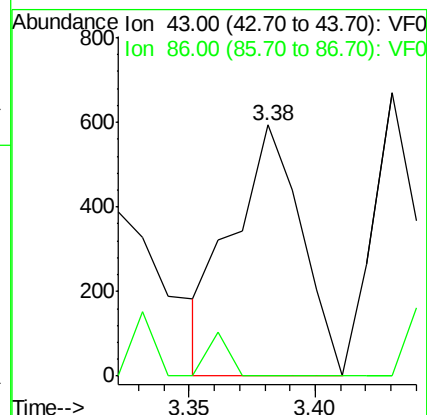
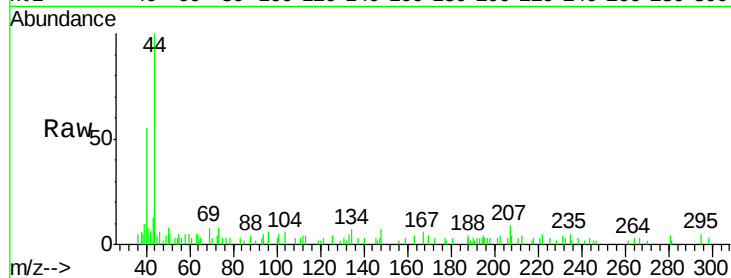
SB-02-9-10

Tot Ion: 43 Resp: 1126

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.2#



#24

1,1-Dichloroethane

Concen: 22.628 ug/l

RT: 3.01 min Scan# 251

Delta R.T. -0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

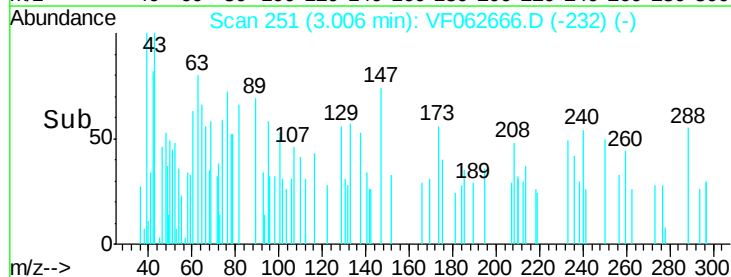
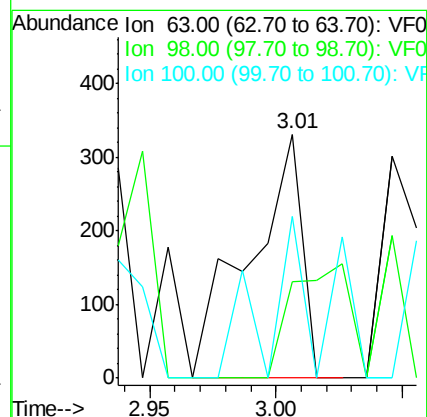
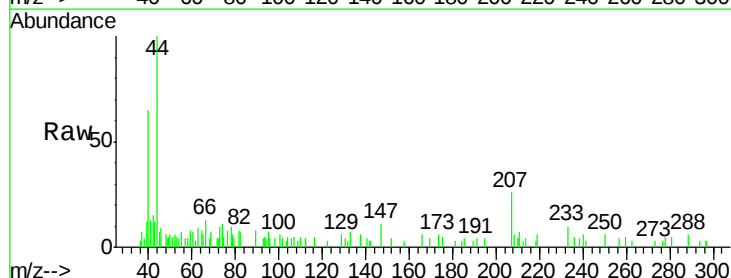
Tgt Ion: 63 Resp: 486

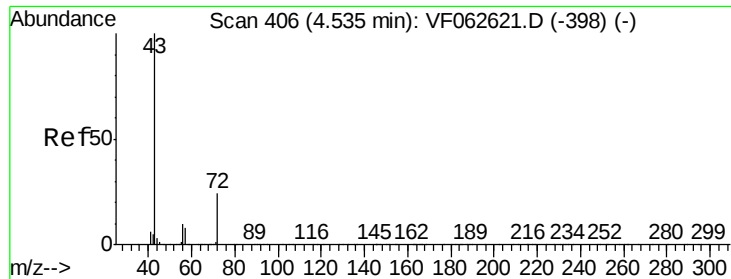
Ion Ratio Lower Upper

63 100

98 39.6 2.8 8.3#

100 66.2 1.9 5.7#





#25

2-Butanone

Concen: 161.581 ug/l

RT: 4.46 min Scan# 398

Delta R.T. -0.08 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

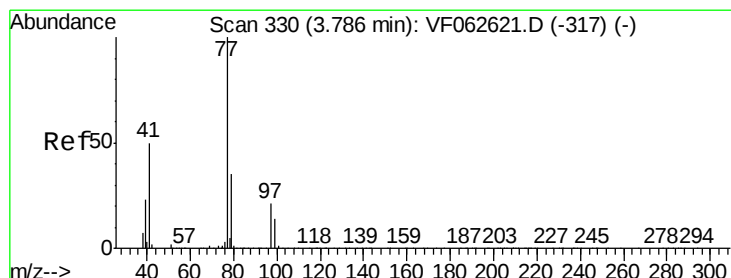
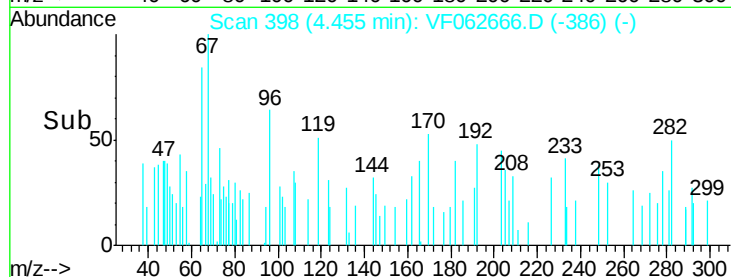
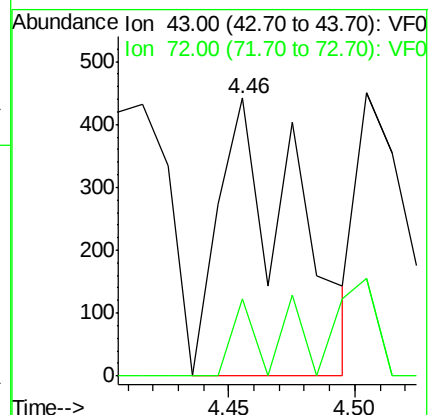
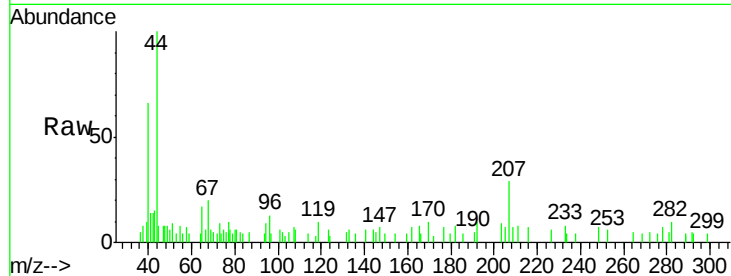
SB-02-9-10

Tot Ion: 43 Resp: 924

Ion Ratio Lower Upper

43 100

72 27.6 20.1 30.1



#26

2,2-Dichloropropane

Concen: 58.672 ug/l

RT: 3.85 min Scan# 337

Delta R.T. 0.07 min

Lab File: VF062666.D

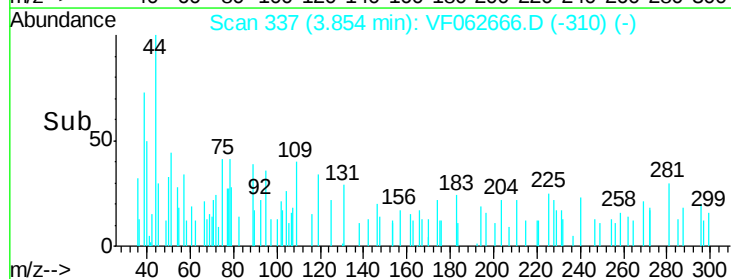
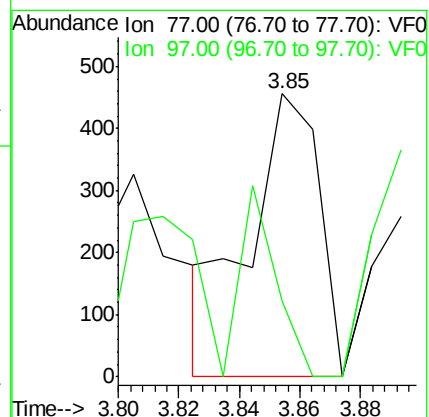
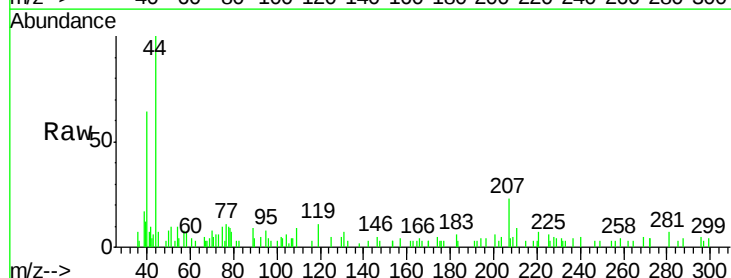
Acq: 20 May 2019 17:49

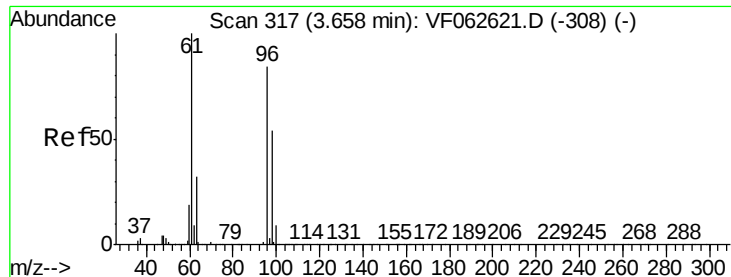
Tgt Ion: 77 Resp: 721

Ion Ratio Lower Upper

77 100

97 27.0 14.1 42.4



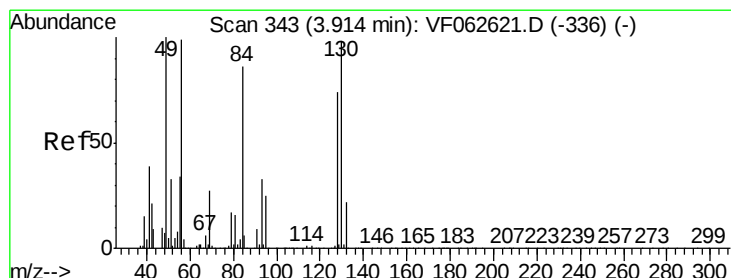
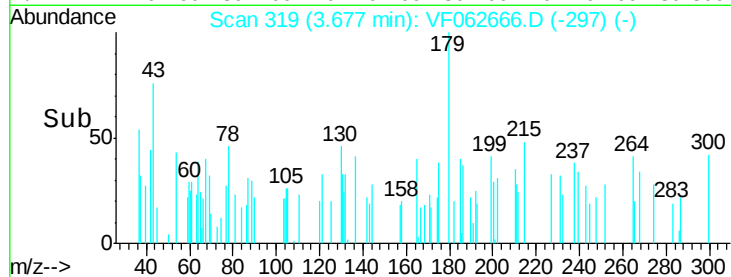
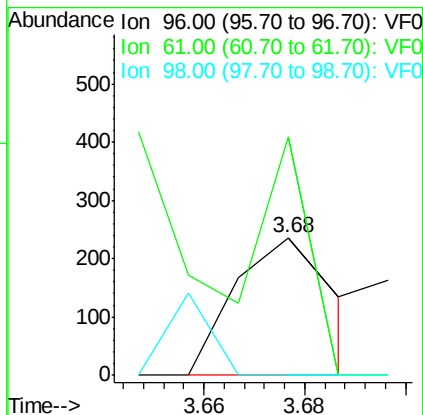
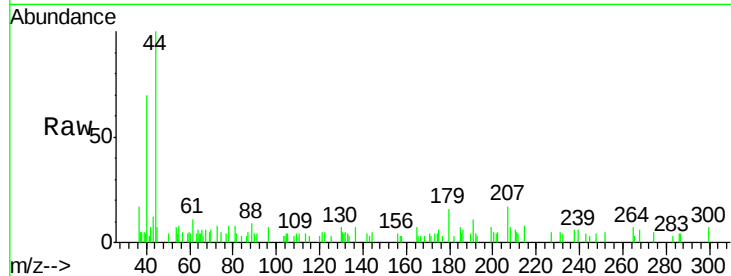


#27

cis-1,2-Dichloroethene
 Concen: 15.081 ug/l
 RT: 3.68 min Scan# 319
 Delta R.T. 0.02 min
 Lab File: VF062666.D
 Acq: 20 May 2019 17:49

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-9-10

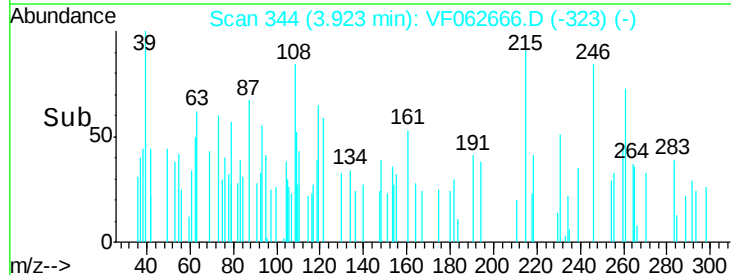
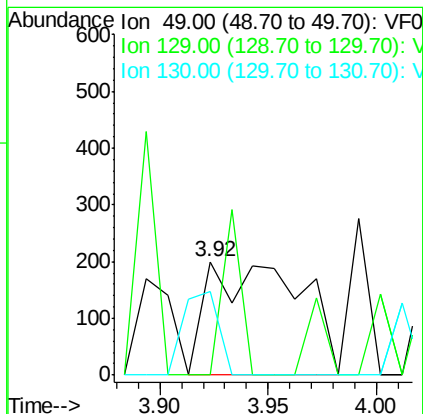
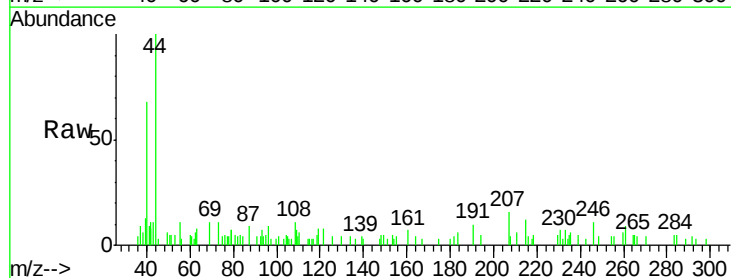
Tot Ion: 96 Resp: 318
 Ion Ratio Lower Upper
 96 100
 61 173.3 0.0 237.4
 98 0.0 0.0 129.0

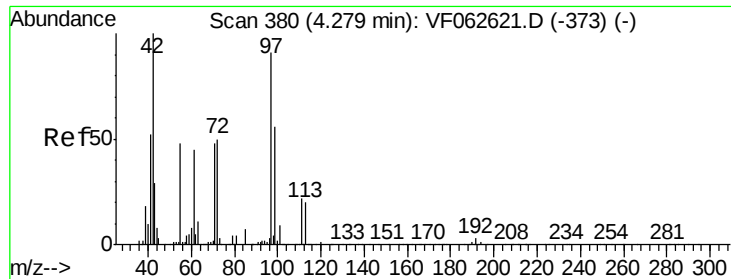


#28

Bromochloromethane
 Concen: 49.562 ug/l
 RT: 3.92 min Scan# 344
 Delta R.T. 0.01 min
 Lab File: VF062666.D
 Acq: 20 May 2019 17:49

Tgt Ion: 49 Resp: 597
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 74.0 77.8 116.8#





#29

Tetrahydrofuran

Concen: 368.613 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.03 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

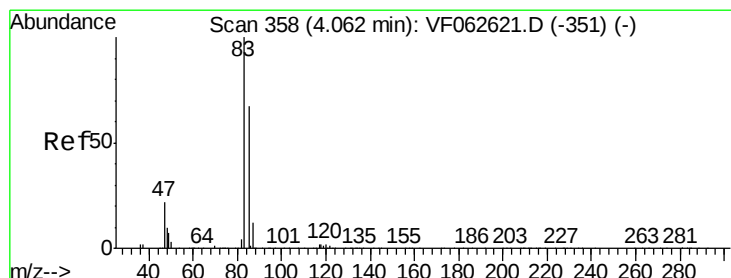
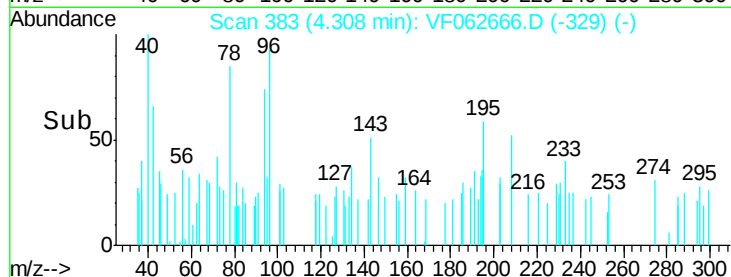
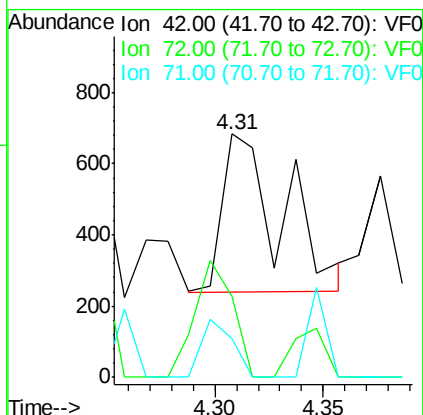
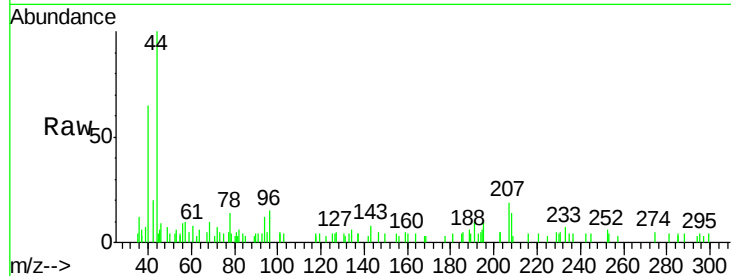
Tot Ion: 42 Resp: 853

Ion Ratio Lower Upper

42 100

72 46.8 38.2 57.2

71 18.6 35.8 53.6#



#30

Chloroform

Concen: 6.674 ug/l

RT: 4.08 min Scan# 360

Delta R.T. 0.02 min

Lab File: VF062666.D

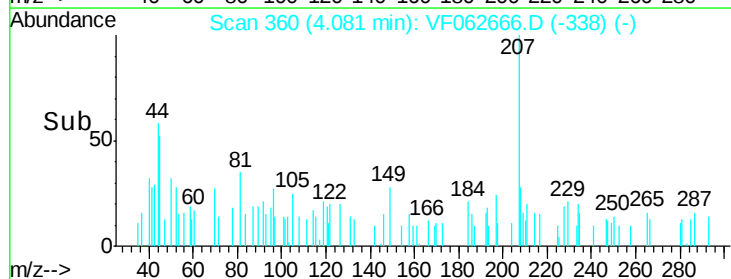
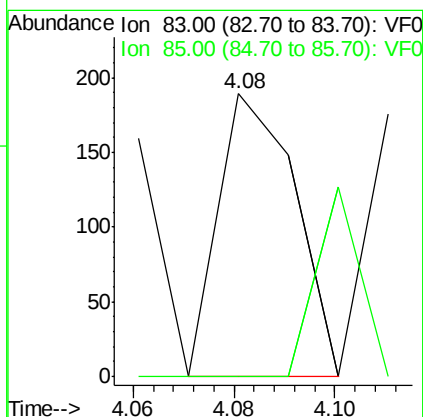
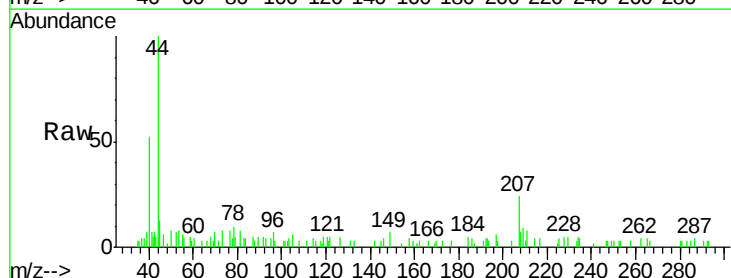
Acq: 20 May 2019 17:49

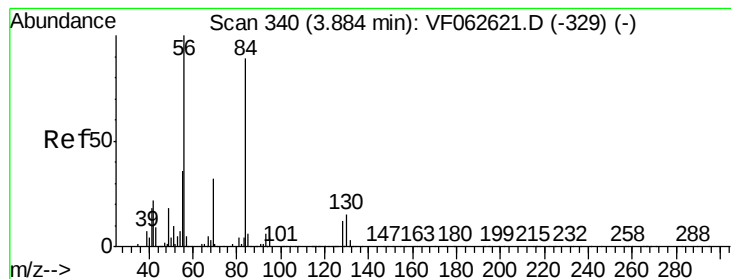
Tgt Ion: 83 Resp: 199

Ion Ratio Lower Upper

83 100

85 0.0 53.6 80.4#





#31

Cvclohexane

Concen: 14.009 ug/l

RT: 3.87 min Scan# 339

Delta R.T. -0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

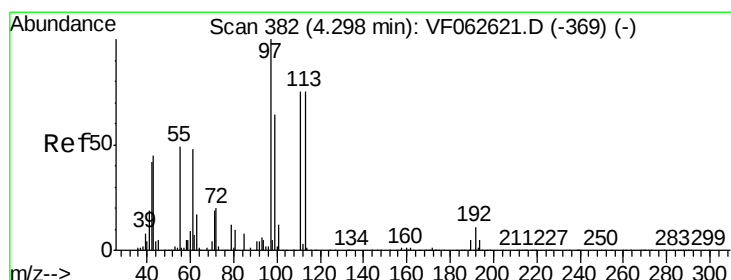
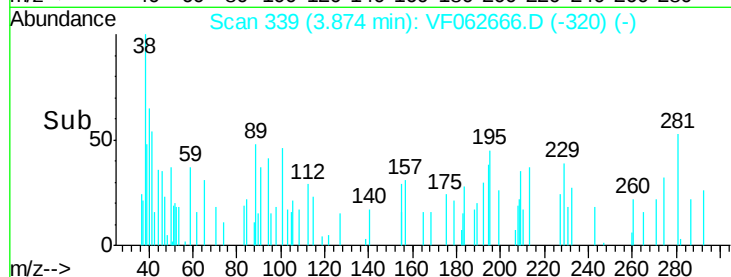
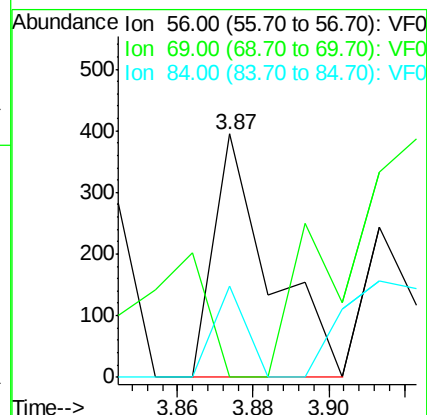
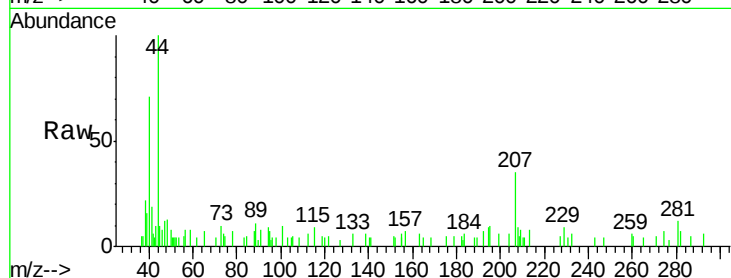
Tot Ion: 56 Resp: 404

Ion Ratio Lower Upper

56 100

69 0.0 25.3 37.9#

84 37.7 71.0 106.4#



#32

1,1,1-Trichloroethane

Concen: 39.084 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

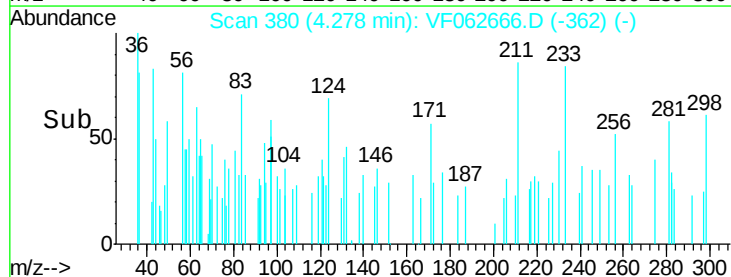
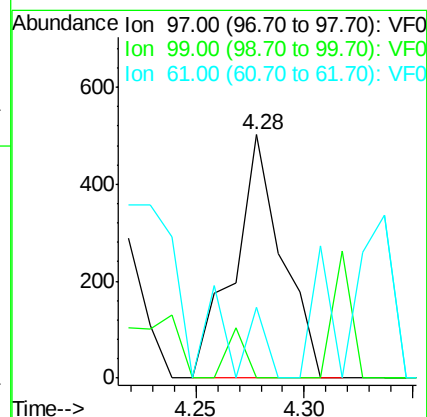
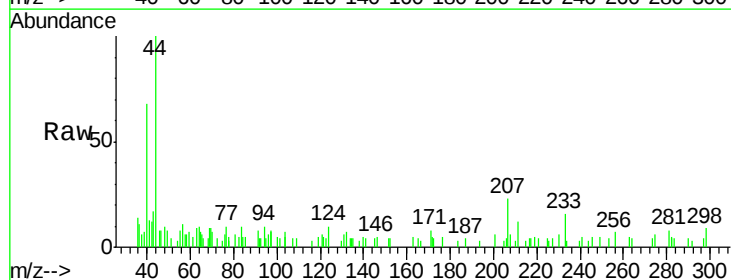
Tgt Ion: 97 Resp: 774

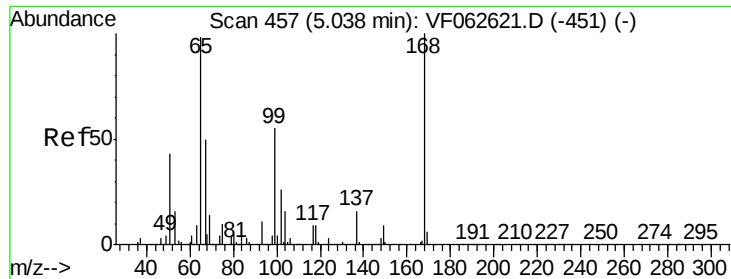
Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

61 28.9 38.2 57.2#





#33

1,2-Dichloroethane-d4

Concen: 48.269 ug/l

RT: 5.10 min Scan# 463

Delta R.T. 0.06 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

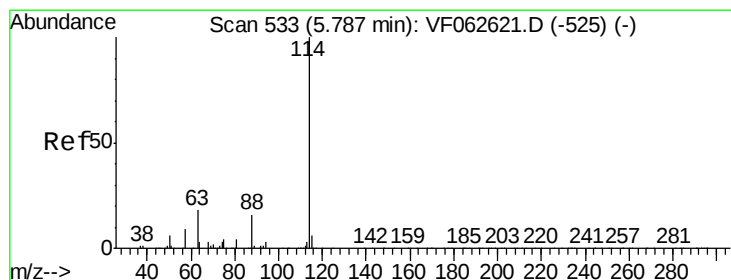
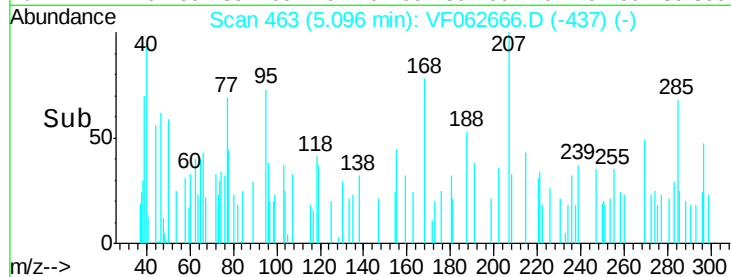
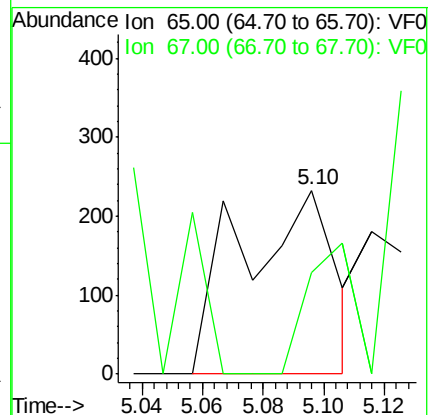
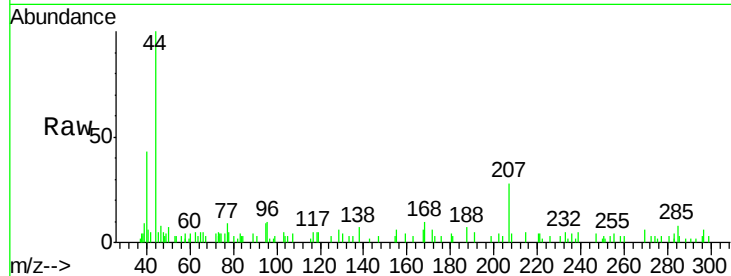
SB-02-9-10

Tot Ion: 65 Resp: 498

Ion Ratio Lower Upper

65 100

67 54.9 0.0 117.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. -0.00 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

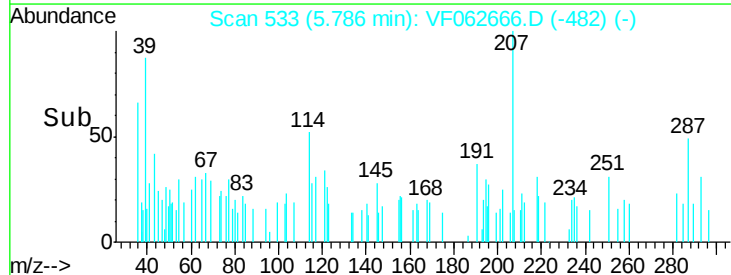
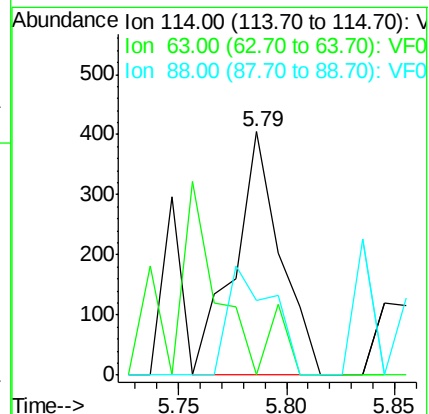
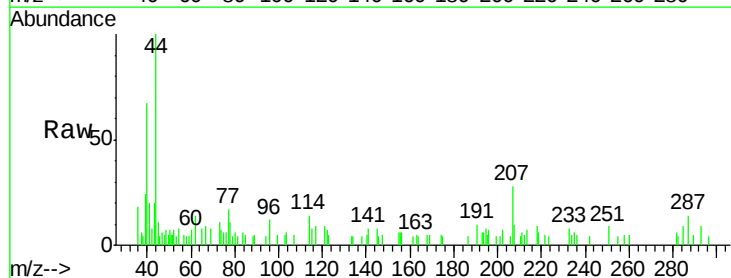
Tgt Ion:114 Resp: 601

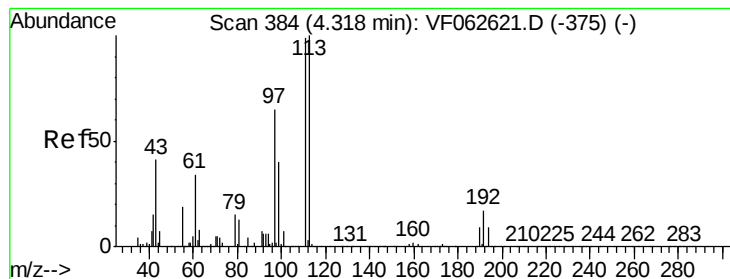
Ion Ratio Lower Upper

114 100

63 0.0 0.0 35.4

88 30.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 108.940 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

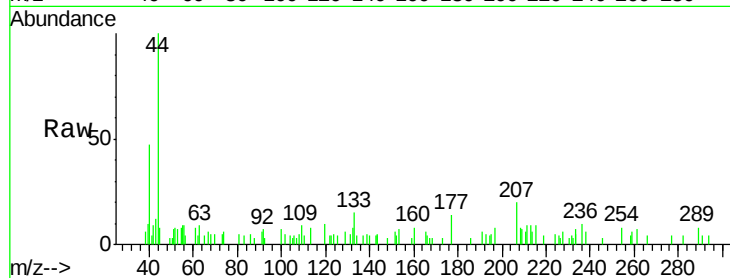
Tot Ion:113 Resp: 501

Ion Ratio Lower Upper

113 100

111 0.0 79.4 119.2#

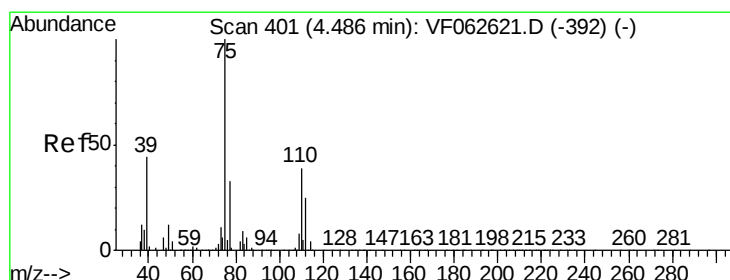
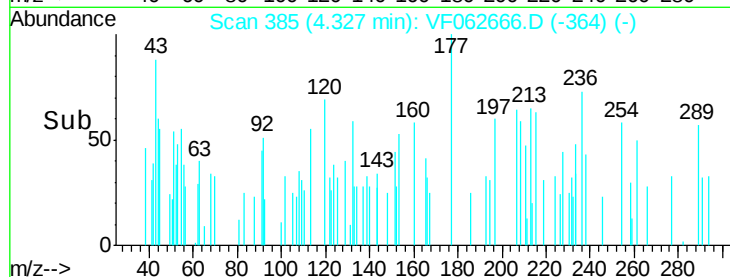
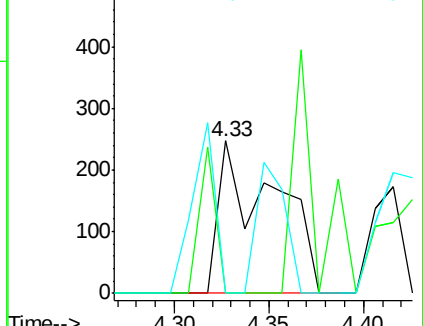
192 0.0 13.4 20.2#



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: 65.277 ug/l

RT: 4.48 min Scan# 400

Delta R.T. -0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

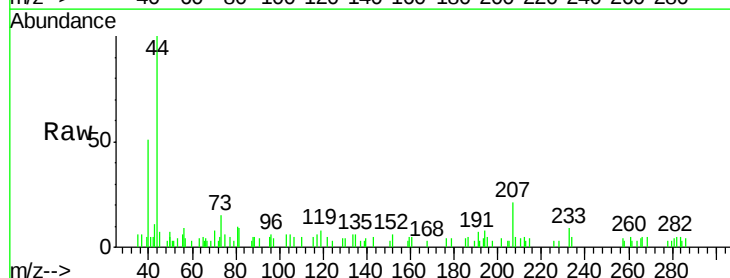
Tgt Ion: 75 Resp: 402

Ion Ratio Lower Upper

75 100

110 95.1 19.7 59.1#

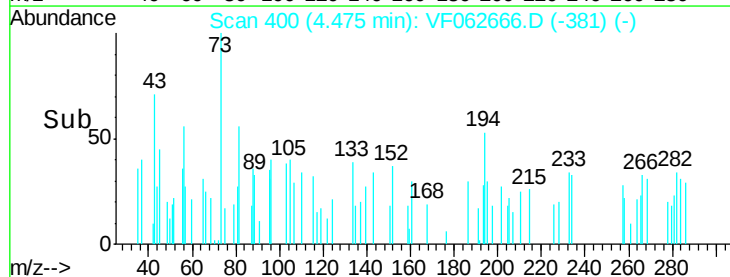
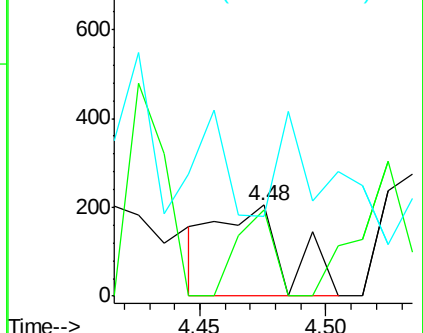
77 88.3 26.3 39.5#

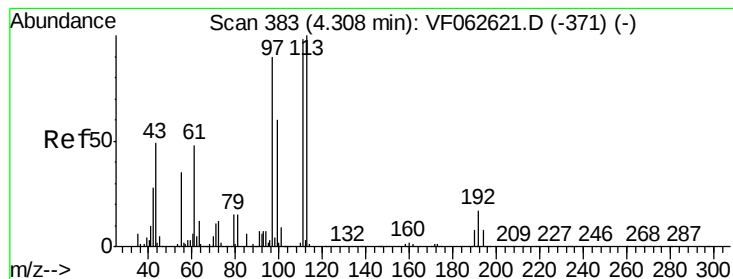


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: 182.940 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.02 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleID :

SB-02-9-10

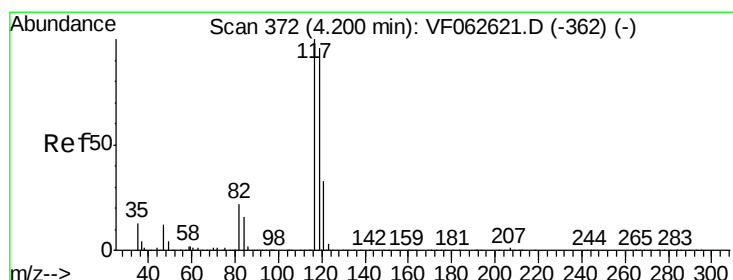
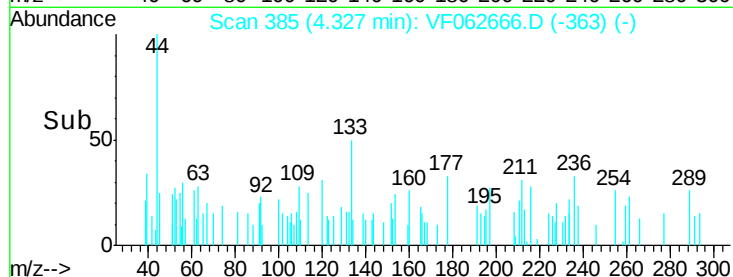
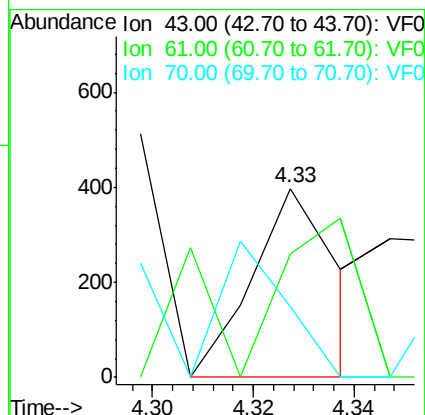
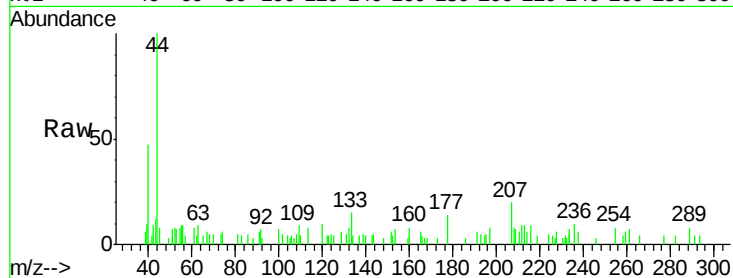
Tot Ion: 43 Resp: 460

Ion Ratio Lower Upper

43 100

61 65.3 76.9 115.3#

70 37.4 8.8 13.2#



#38

Carbon Tetrachloride

Concen: 43.182 ug/l

RT: 4.18 min Scan# 370

Delta R.T. -0.02 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

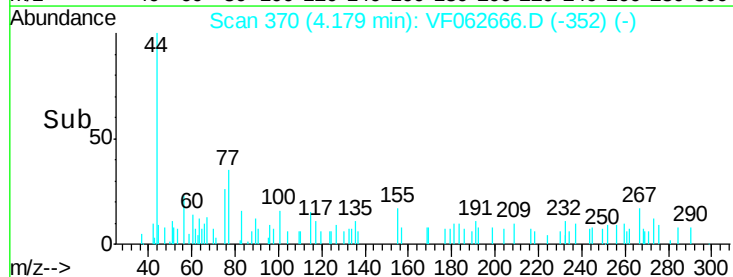
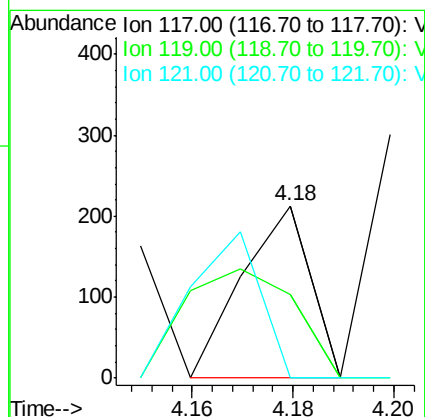
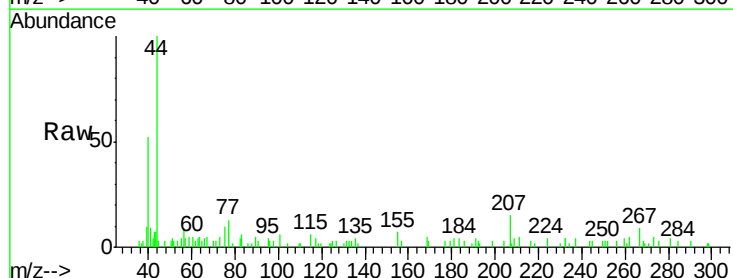
Tgt Ion: 117 Resp: 200

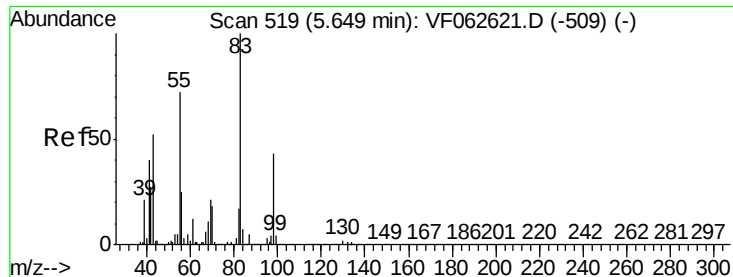
Ion Ratio Lower Upper

117 100

119 48.8 76.7 115.1#

121 0.0 26.6 40.0#

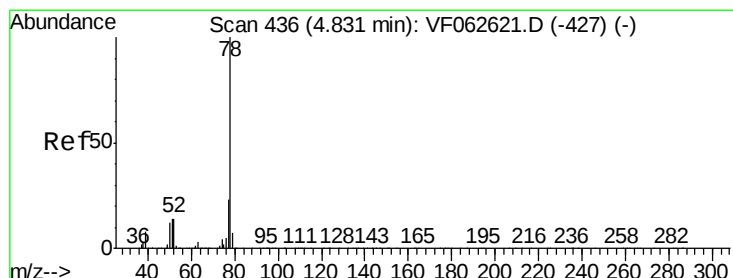
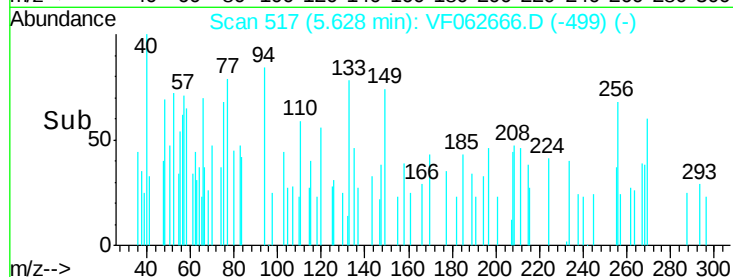
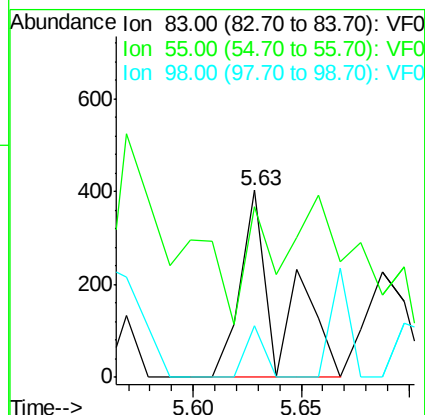
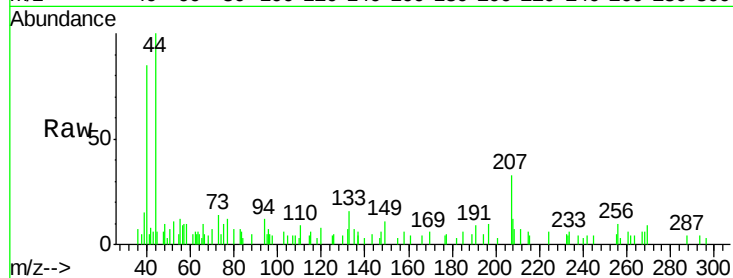




#39
Methvlcvclohexane
Concen: 70.040 ug/l
RT: 5.63 min Scan# 517
Delta R.T. -0.02 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

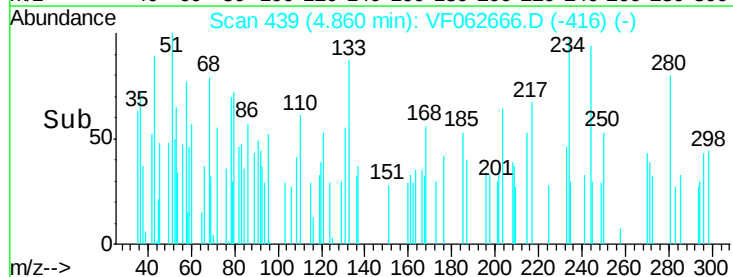
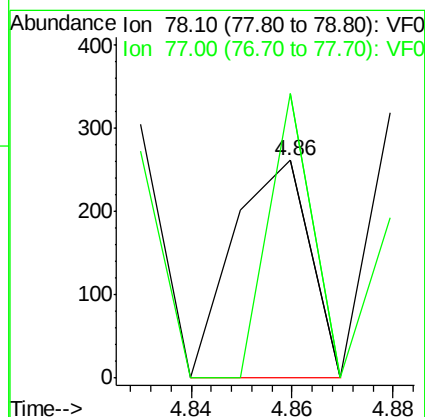
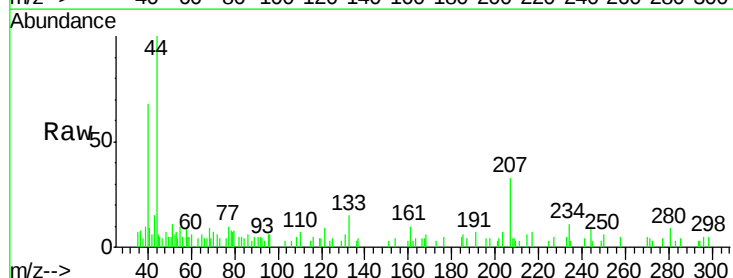
Instrument :
MSVOA_F
ClientSampleId :
SB-02-9-10

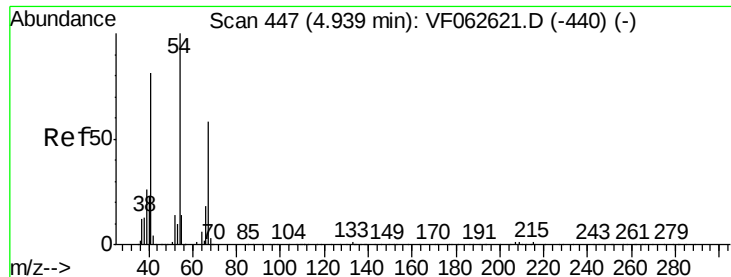
Tot Ion: 83 Resp: 519
Ion Ratio Lower Upper
83 100
55 90.8 57.9 86.9#
98 27.8 34.6 52.0#



#40
Benzene
Concen: 16.272 ug/l
RT: 4.86 min Scan# 439
Delta R.T. 0.03 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

Tgt Ion: 78 Resp: 273
Ion Ratio Lower Upper
78 100
77 130.7 18.2 27.2#

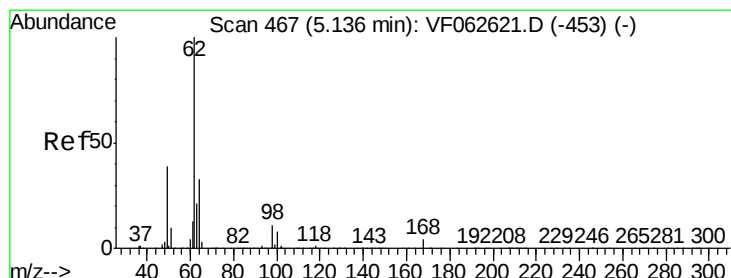
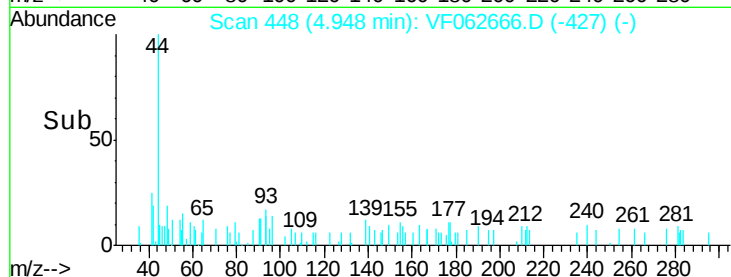
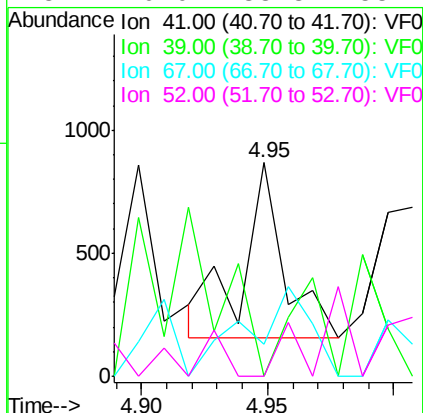
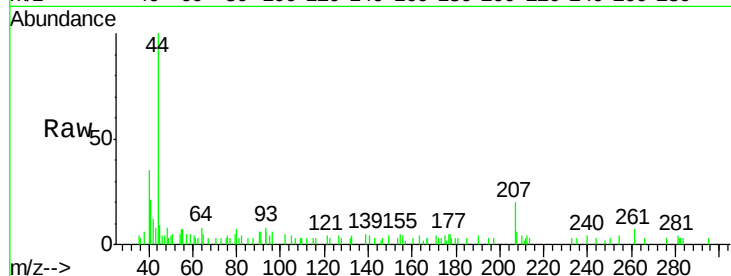




#41
Methacrylonitrile
Concen: 628.094 ug/l
RT: 4.95 min Scan# 448
Delta R.T. 0.01 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

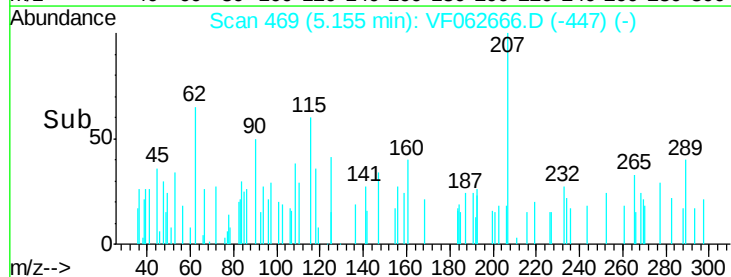
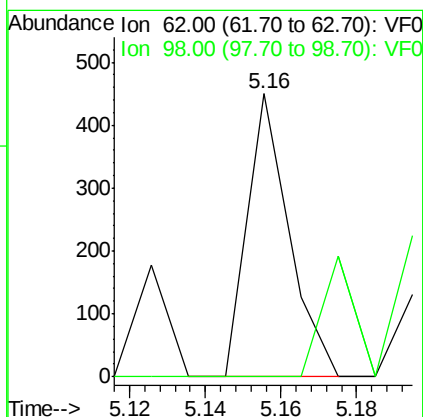
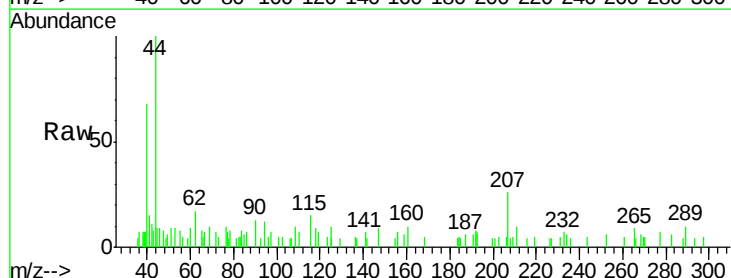
Instrument :
MSVOA_F
ClientSampleId :
SB-02-9-10

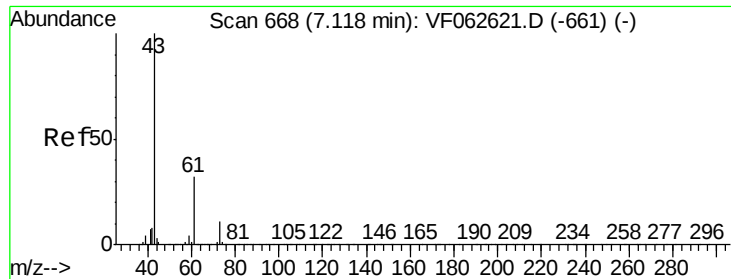
Tot Ion: 41 Resp: 828
Ion Ratio Lower Upper
41 100
39 0.0 42.2 63.2#
67 15.1 56.4 84.6#
52 0.0 38.8 58.2#



#42
1,2-Dichloroethane
Concen: 101.924 ug/l
RT: 5.16 min Scan# 469
Delta R.T. 0.02 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

Tgt Ion: 62 Resp: 341
Ion Ratio Lower Upper
62 100
98 0.0 0.0 21.6

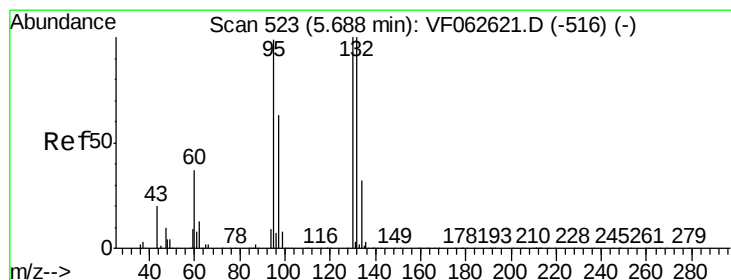
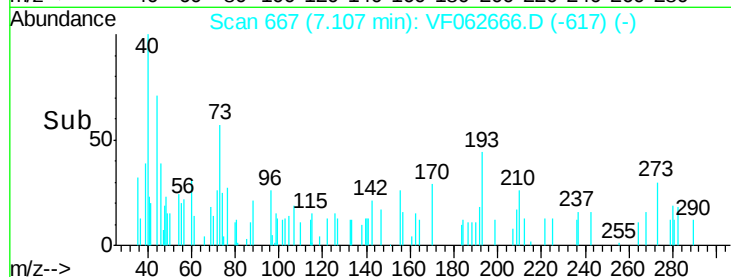
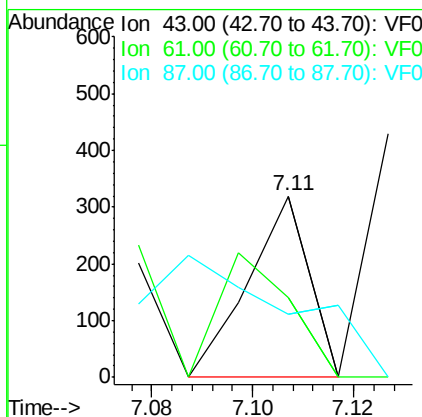
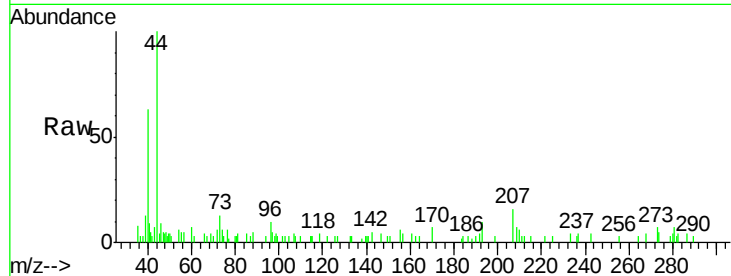




#43
Isopropyl Acetate
Concen: 81.962 ug/l
RT: 7.11 min Scan# 667
Delta R.T. -0.01 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

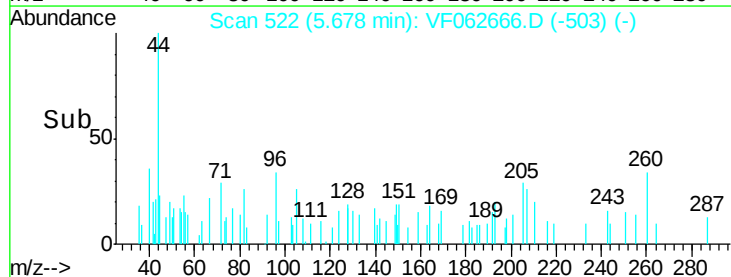
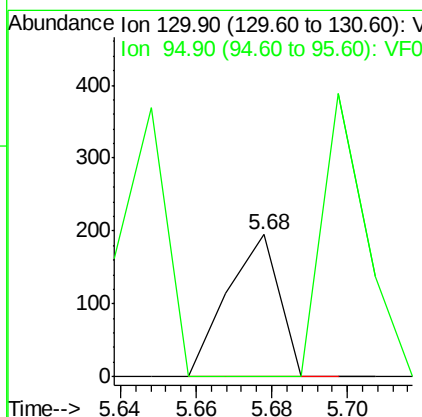
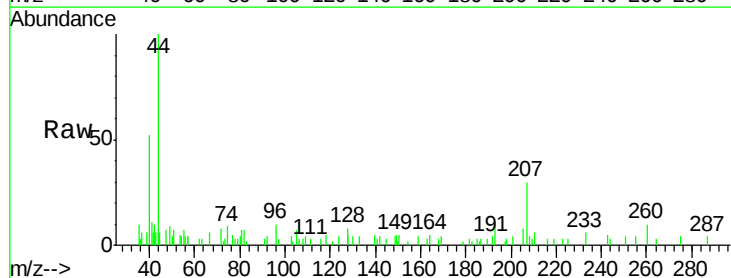
Instrument :
MSVOA_F
ClientSampleId :
SB-02-9-10

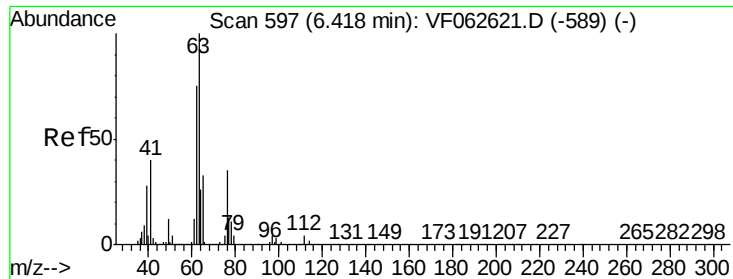
Tot Ion: 43 Resp: 267
Ion Ratio Lower Upper
43 100
61 43.8 25.8 38.8#
87 34.7 0.4 0.6#



#44
Trichloroethene
Concen: 38.810 ug/l
RT: 5.68 min Scan# 522
Delta R.T. -0.01 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

Tgt Ion: 130 Resp: 183
Ion Ratio Lower Upper
130 100
95 0.0 0.0 199.4

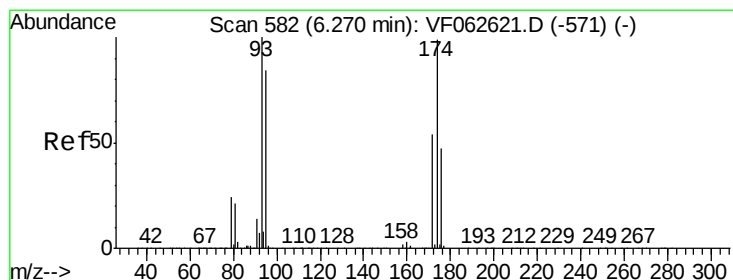
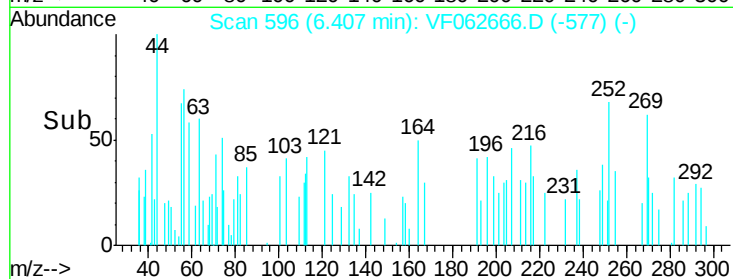
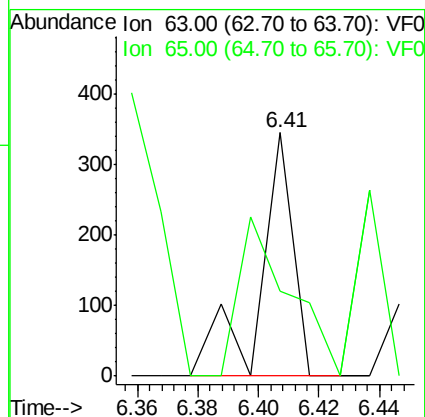
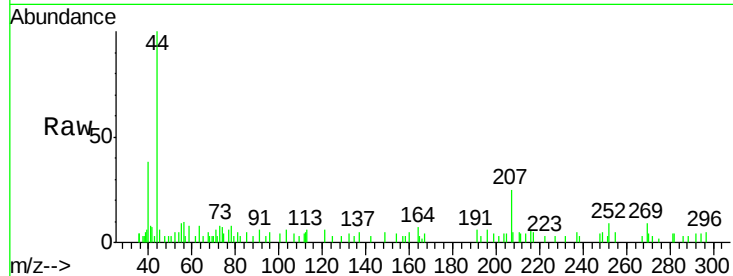




#45
 1,2-Dichloropropane
 Concen: 62.572 ug/l
 RT: 6.41 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: VF062666.D
 Acq: 20 May 2019 17:49

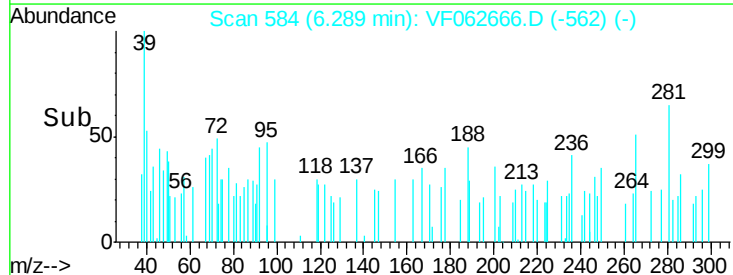
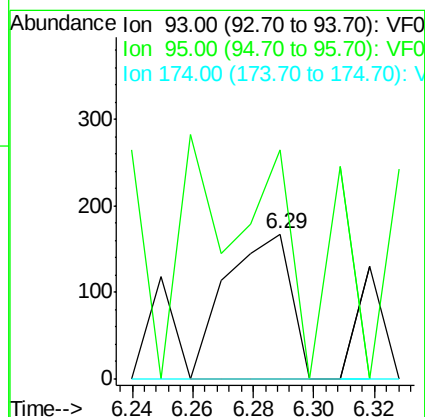
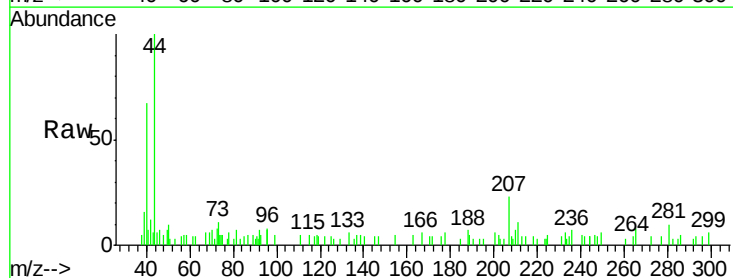
Instrument :
 MSVOA_F
 ClientSampled :
 SB-02-9-10

Tot Ion: 63 Resp: 265
 Ion Ratio Lower Upper
 63 100
 65 35.1 26.3 39.5



#46
 Dibromomethane
 Concen: 102.549 ug/l
 RT: 6.29 min Scan# 584
 Delta R.T. 0.02 min
 Lab File: VF062666.D
 Acq: 20 May 2019 17:49

Tgt Ion: 93 Resp: 251
 Ion Ratio Lower Upper
 93 100
 95 317.4 67.4 101.2#
 174 0.0 79.4 119.2#





#47

Bromodichloromethane

Concen: 47.429 ug/l

RT: 6.55 min Scan# 610

Delta R.T. -0.02 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampled :

SB-02-9-10

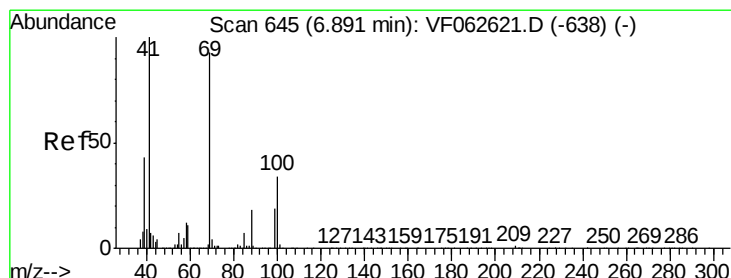
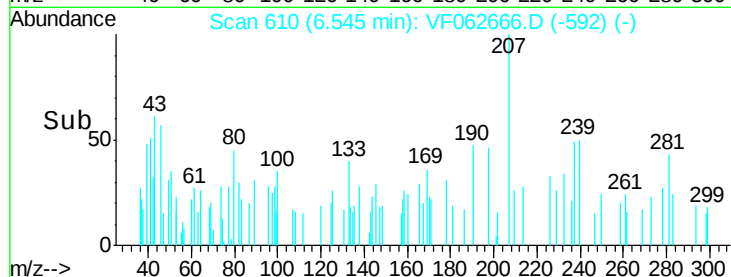
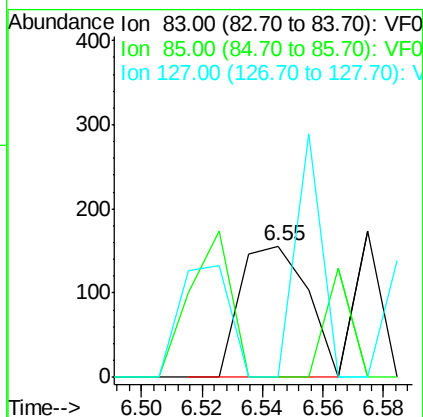
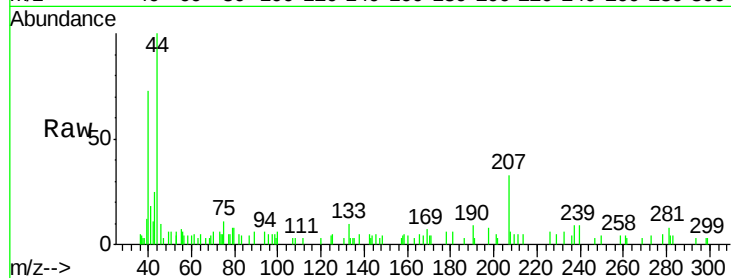
Tot Ion: 83 Resp: 241

Ion Ratio Lower Upper

83 100

85 0.0 52.0 78.0#

127 0.0 7.7 11.5#



#48

Methyl methacrylate

Concen: 357.081 ug/l

RT: 6.89 min Scan# 645

Delta R.T. -0.00 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

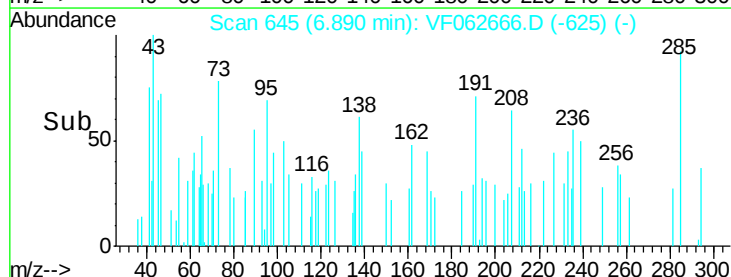
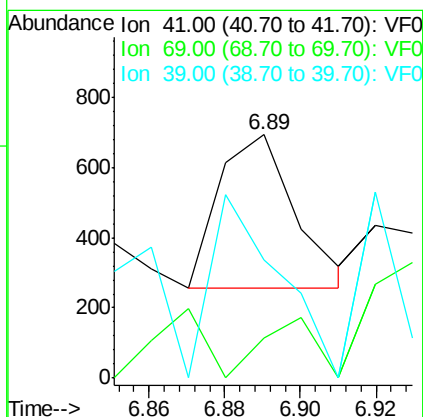
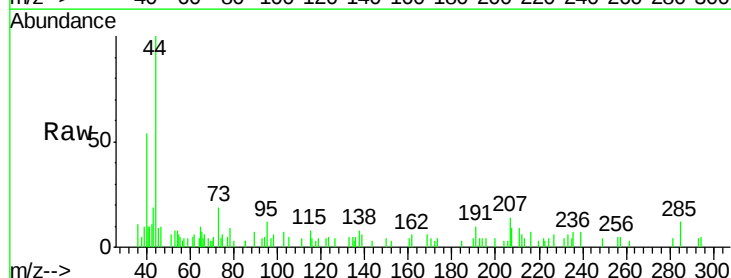
Tgt Ion: 41 Resp: 608

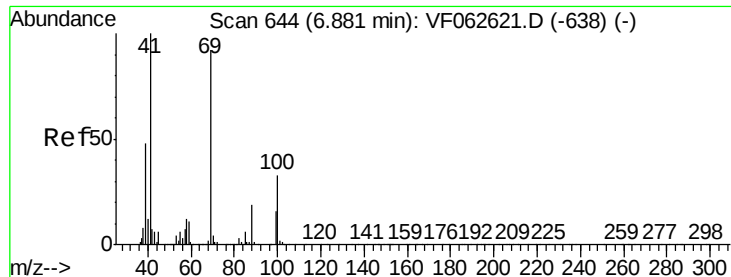
Ion Ratio Lower Upper

41 100

69 16.3 74.2 111.2#

39 48.4 34.2 51.4

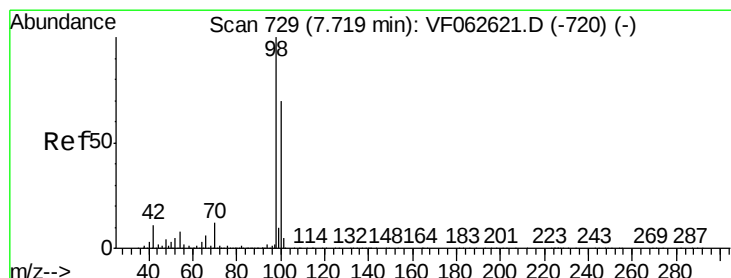
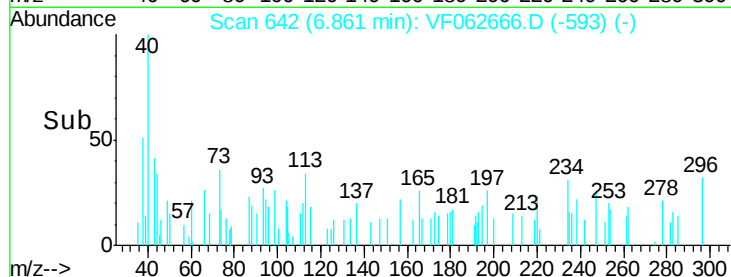
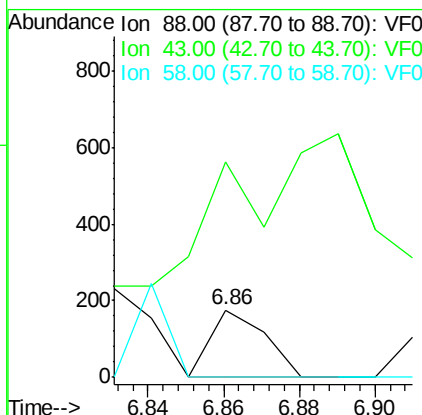
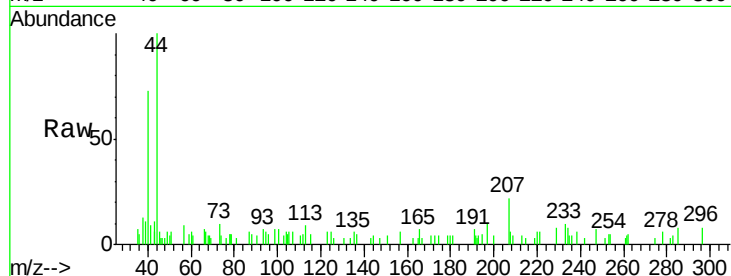




#49
1,4-Dioxane
Concen: 7978.725 ug/l
RT: 6.86 min Scan# 642
Delta R.T. -0.02 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

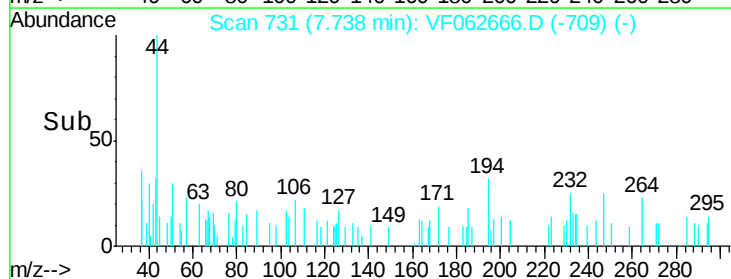
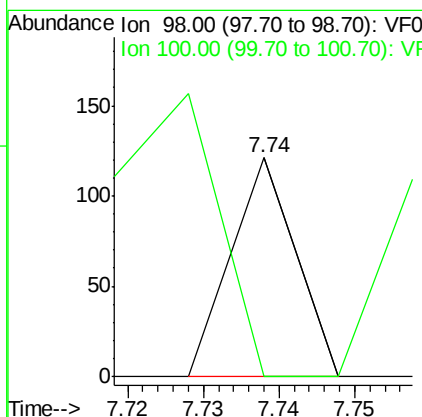
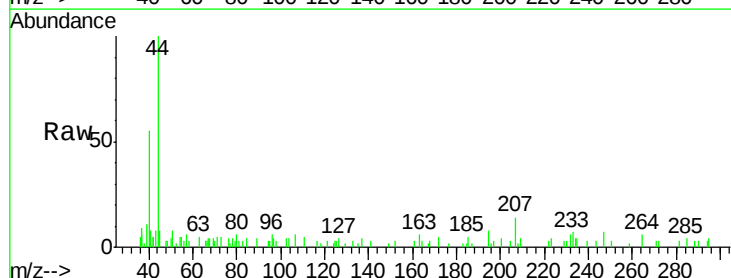
Instrument :
MSVOA_F
ClientSampleId :
SB-02-9-10

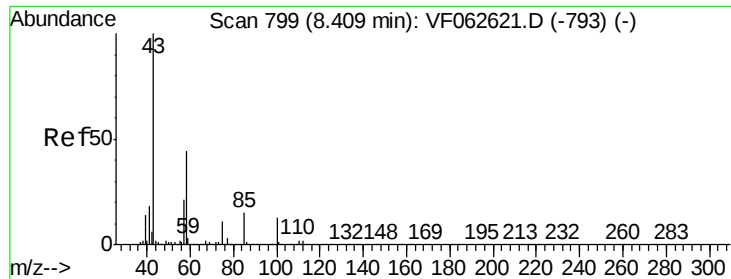
Tot Ion: 88 Resp: 174
Ion Ratio Lower Upper
88 100
43 319.9 30.0 45.0#
58 0.0 51.1 76.7#



#50
Toluene-d8
Concen: 6.557 ug/l
RT: 7.74 min Scan# 731
Delta R.T. 0.02 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

Tgt Ion: 98 Resp: 72
Ion Ratio Lower Upper
98 100
100 0.0 56.2 84.2#





#51

4-Methyl-2-Pentanone

Concen: 204.338 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampled :

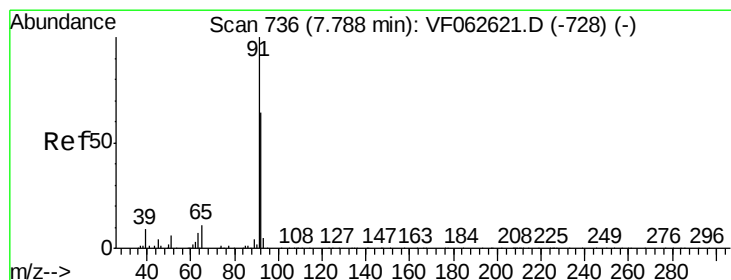
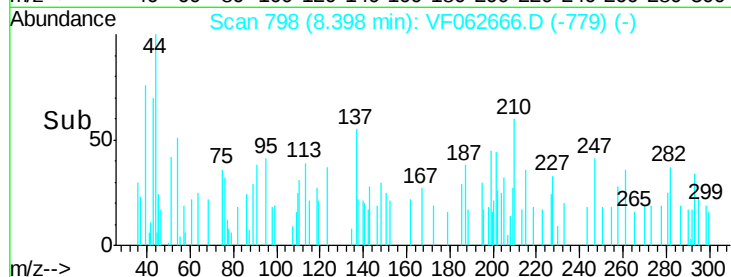
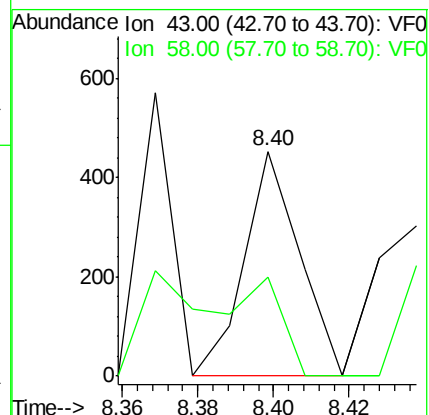
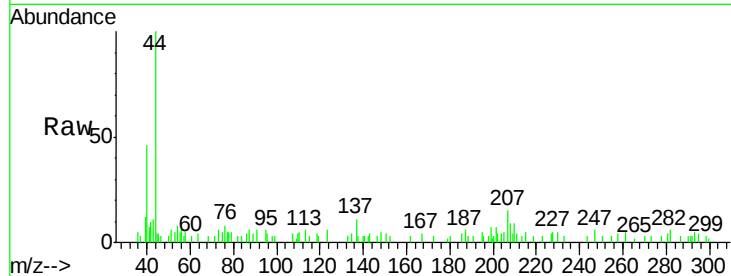
SB-02-9-10

Tot Ion: 43.00 Resp: 455

Ion Ratio Lower Upper

43 100

58 44.2 34.9 52.3



#52

Toluene

Concen: 20.230 ug/l

RT: 7.79 min Scan# 736

Delta R.T. -0.00 min

Lab File: VF062666.D

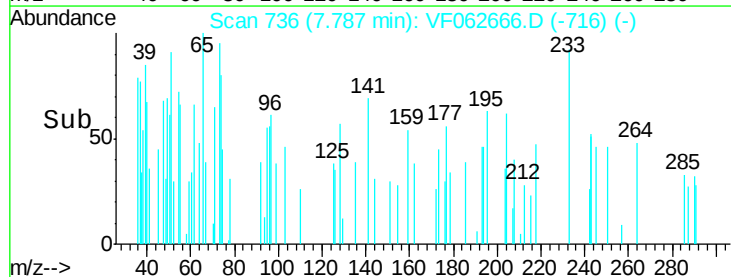
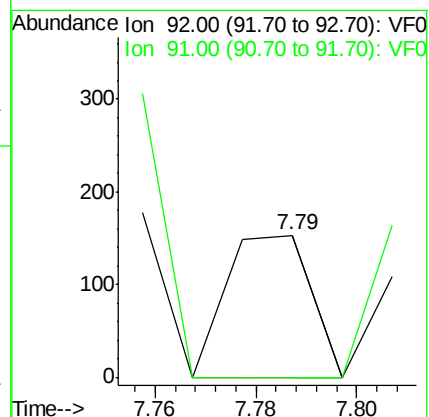
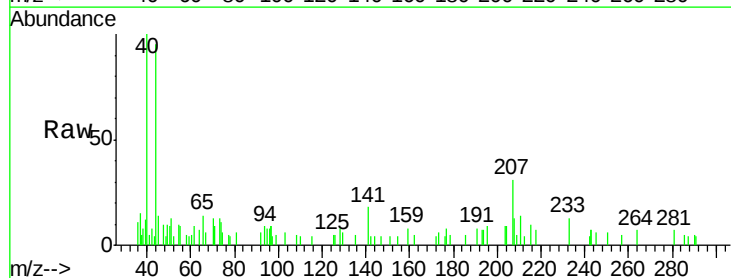
Acq: 20 May 2019 17:49

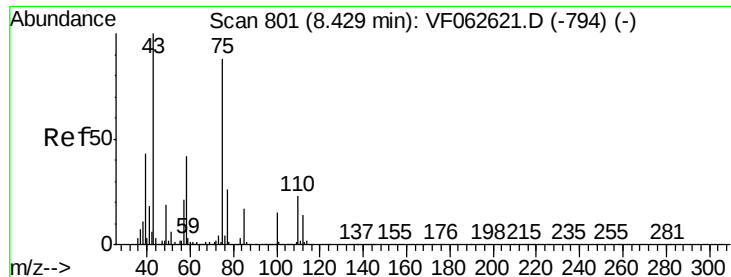
Tgt Ion: 92 Resp: 178

Ion Ratio Lower Upper

92 100

91 0.0 125.4 188.0#

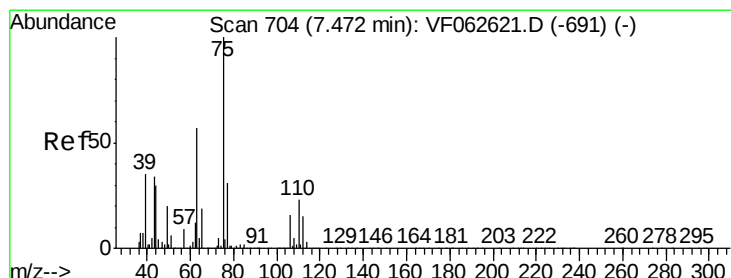
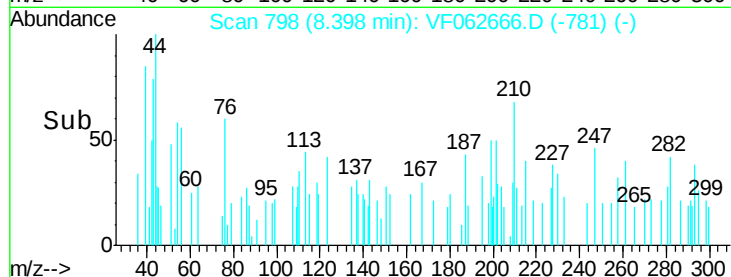
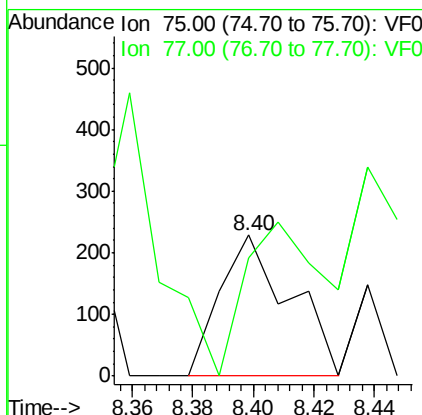
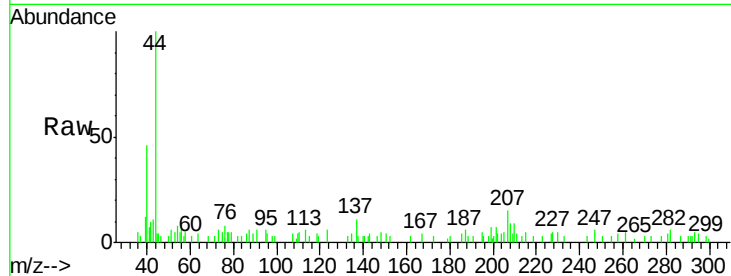




#53
 t-1,3-Dichloropropene
 Concen: 88.043 ug/l
 RT: 8.40 min Scan# 798
 Delta R.T. -0.03 min
 Lab File: VF062666.D
 Acq: 20 May 2019 17:49

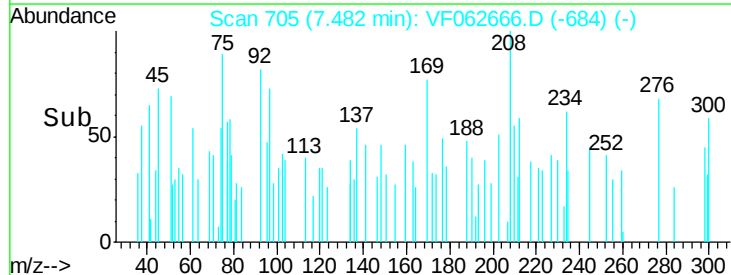
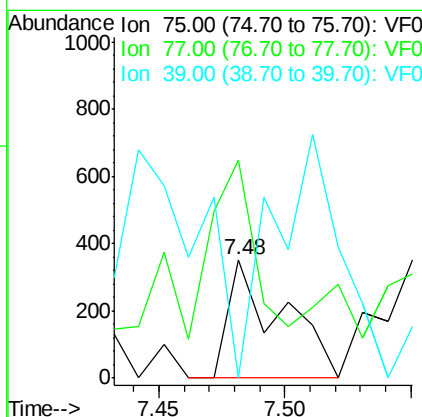
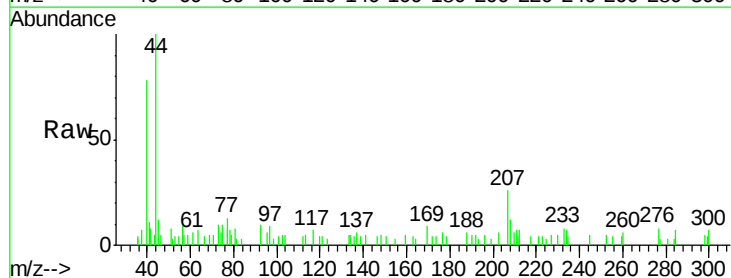
Instrument :
 MSVOA_F
 ClientSampled :
 SB-02-9-10

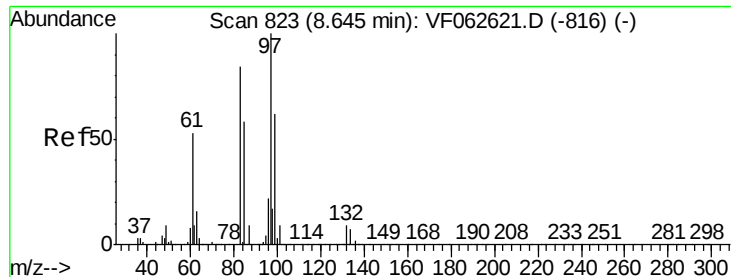
Tot Ion: 75 Resp: 366
 Ion Ratio Lower Upper
 75 100
 77 83.4 24.2 36.4#



#54
 cis-1,3-Dichloropropene
 Concen: 88.500 ug/l
 RT: 7.48 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: VF062666.D
 Acq: 20 May 2019 17:49

Tgt Ion: 75 Resp: 515
 Ion Ratio Lower Upper
 75 100
 77 183.6 25.3 37.9#
 39 0.0 28.2 42.2#





#55

1,1,2-Trichloroethane

Concen: 64.103 ug/l

RT: 8.64 min Scan# 823

Delta R.T. -0.00 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampled :

SB-02-9-10

Tot Ion: 97 Resp: 167

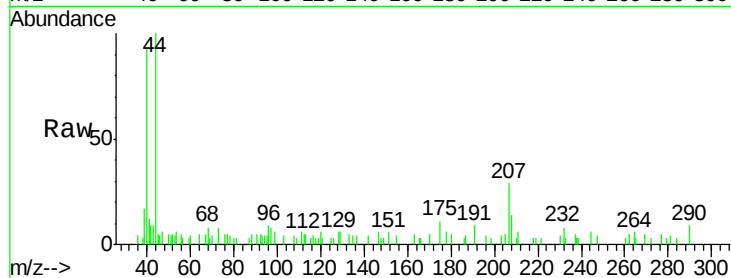
Ion Ratio Lower Upper

97 100

83 0.0 67.3 100.9#

85 0.0 46.6 69.8#

99 73.0 49.7 74.5

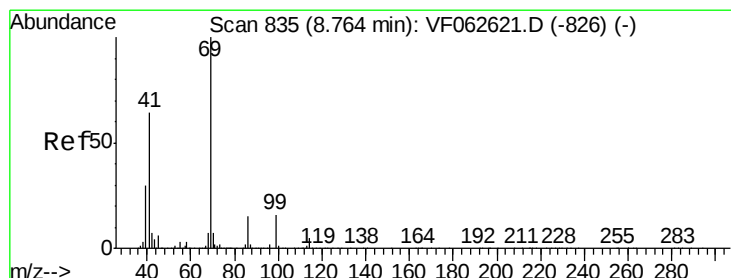
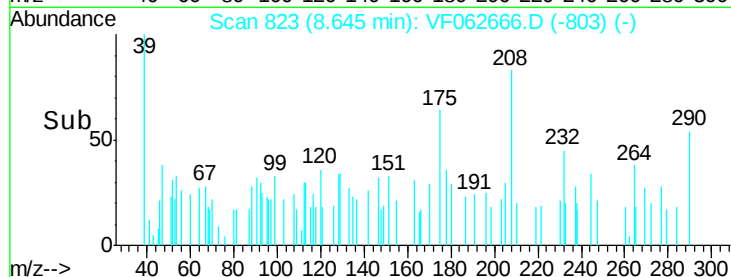
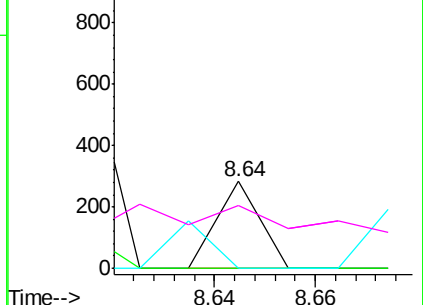


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 114.700 ug/l

RT: 8.77 min Scan# 836

Delta R.T. 0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

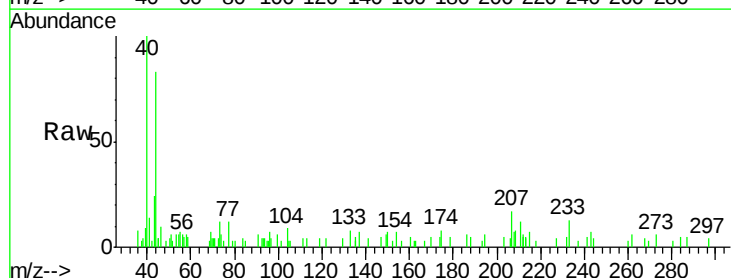
Tgt Ion: 69 Resp: 356

Ion Ratio Lower Upper

69 100

41 120.0 51.4 77.2#

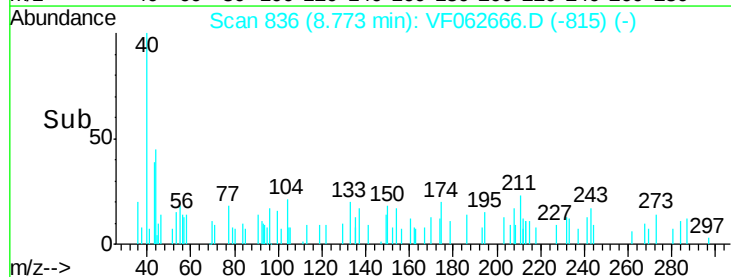
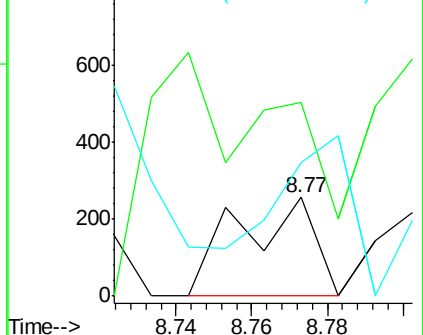
39 83.1 23.6 35.4#

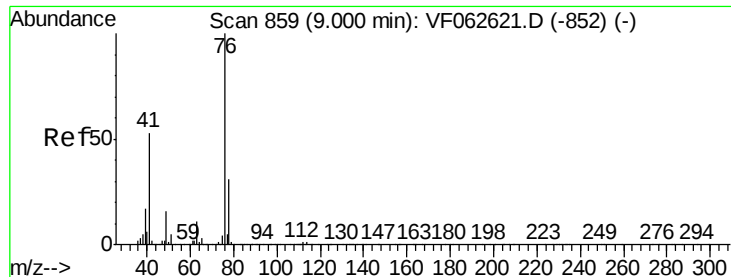


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 20.733 ug/l

RT: 8.99 min Scan# 858

Delta R.T. -0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

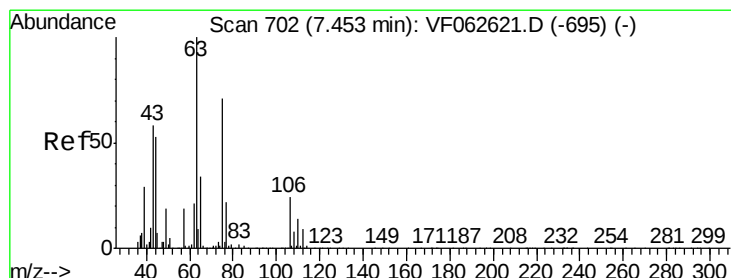
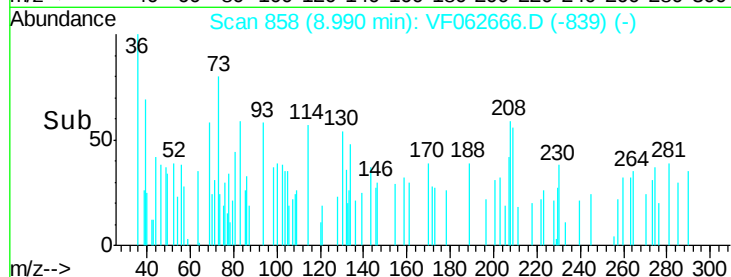
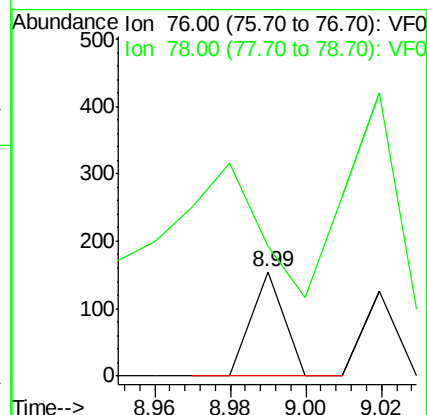
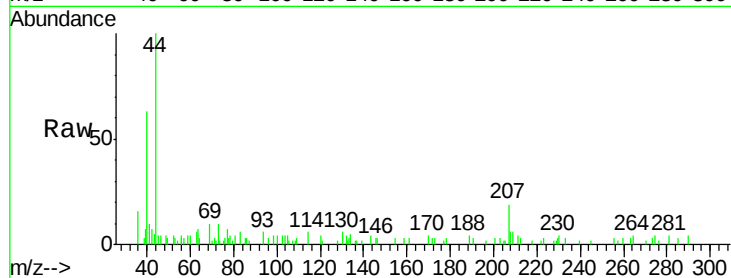
SB-02-9-10

Tot Ion: 76 Resp: 92

Ion Ratio Lower Upper

76 100

78 124.5 25.4 38.0#



#58

2-Chloroethyl Vinyl ether

Concen: 272.205 ug/l

RT: 7.44 min Scan# 701

Delta R.T. -0.01 min

Lab File: VF062666.D

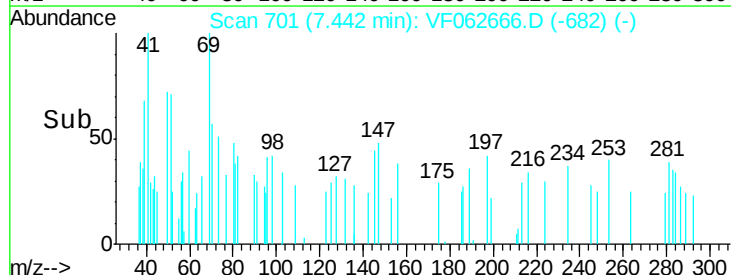
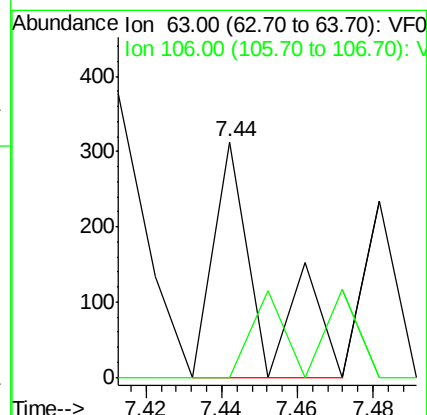
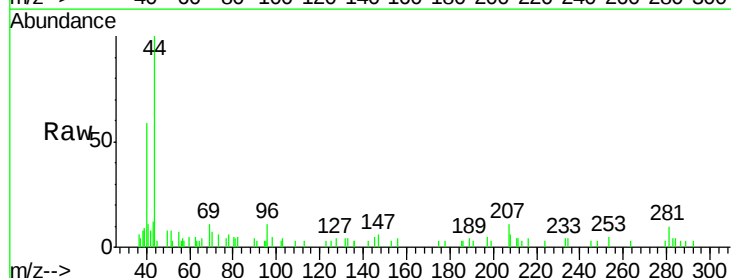
Acq: 20 May 2019 17:49

Tgt Ion: 63 Resp: 275

Ion Ratio Lower Upper

63 100

106 0.0 19.1 28.7#

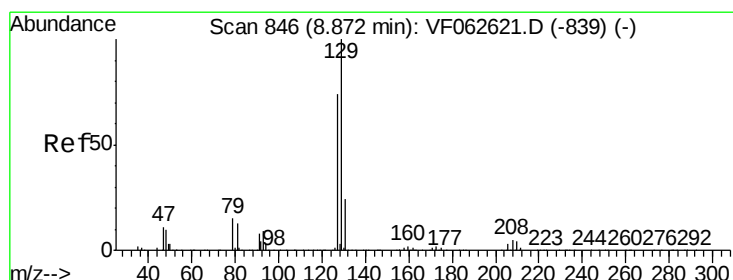
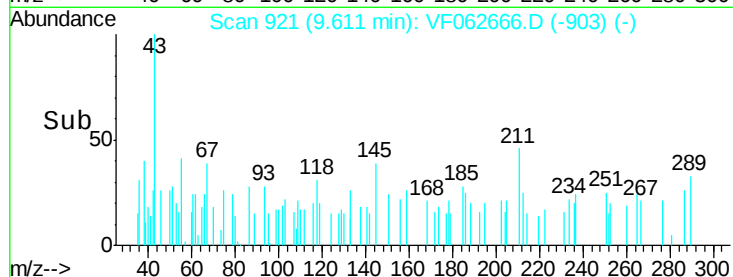
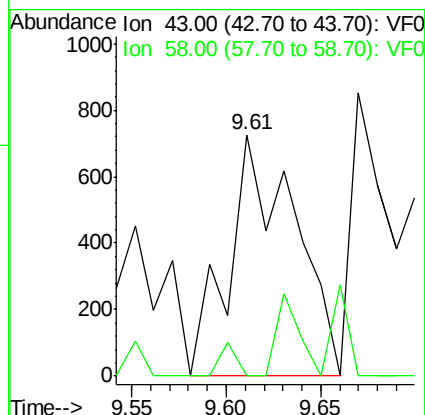
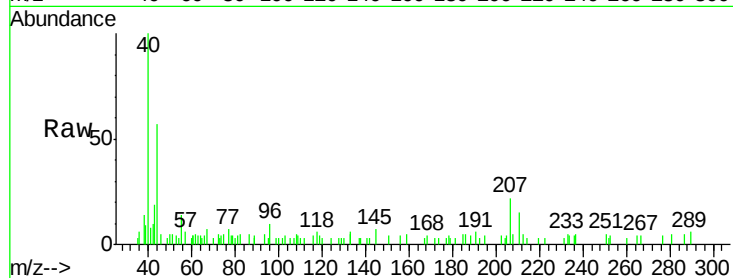




#59
2-Hexanone
Concen: 1288.947 ug/l
RT: 9.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

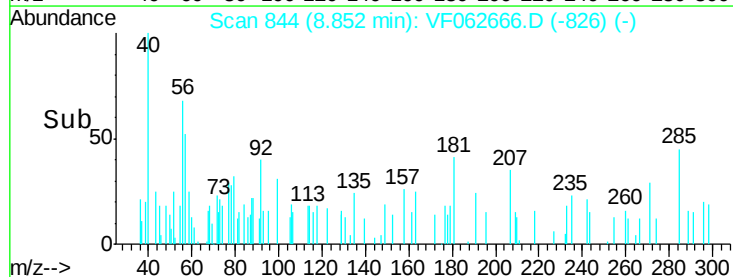
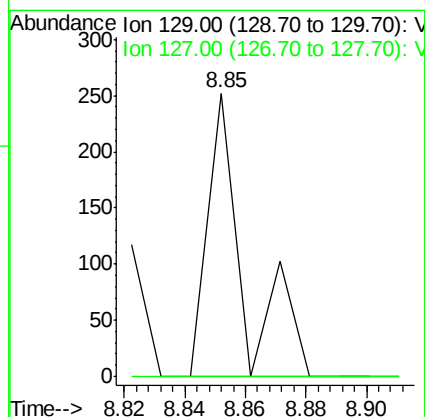
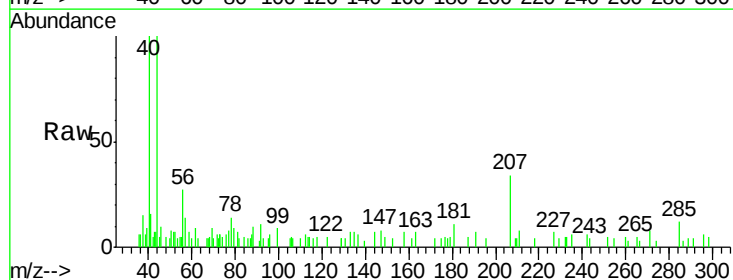
Instrument :
MSVOA_F
ClientSampleId :
SB-02-9-10

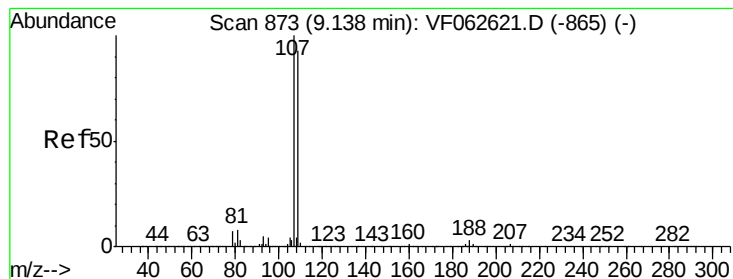
Tot Ion: 43 Resp: 1760
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.4#



#60
Dibromochloromethane
Concen: 61.849 ug/l
RT: 8.85 min Scan# 844
Delta R.T. -0.02 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

Tgt Ion: 129 Resp: 210
Ion Ratio Lower Upper
129 100
127 0.0 37.2 111.6#





#61

1,2-Dibromoethane

Concen: 30.357 ug/l

RT: 9.13 min Scan# 872

Delta R.T. -0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

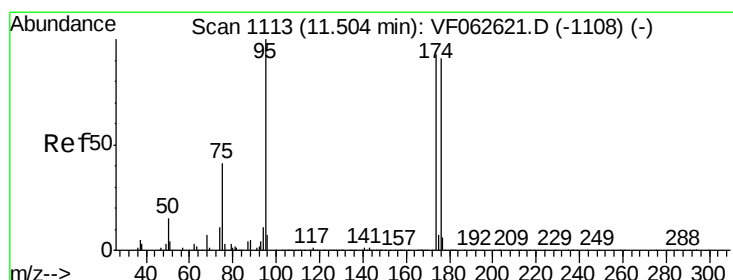
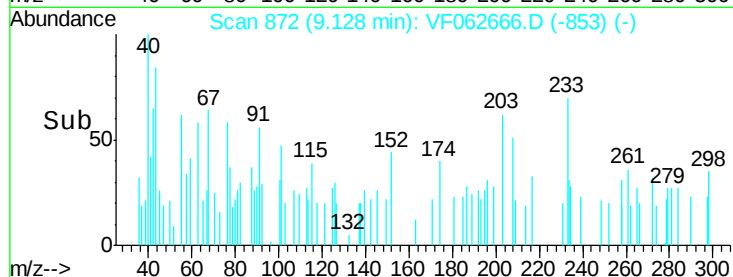
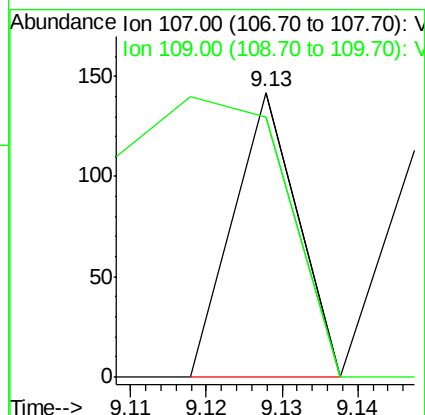
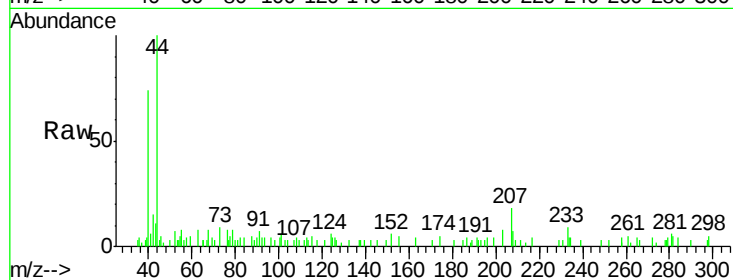
SB-02-9-10

Tot Ion:107 Resp: 84

Ion Ratio Lower Upper

107 100

109 91.5 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 84.044 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

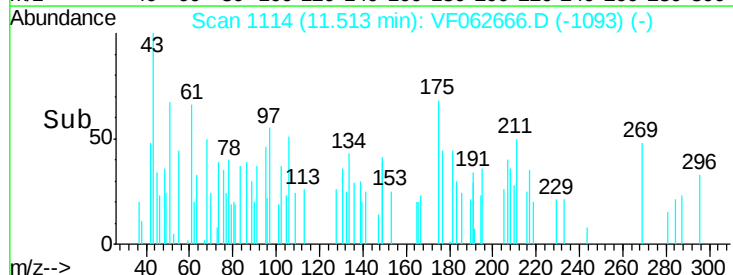
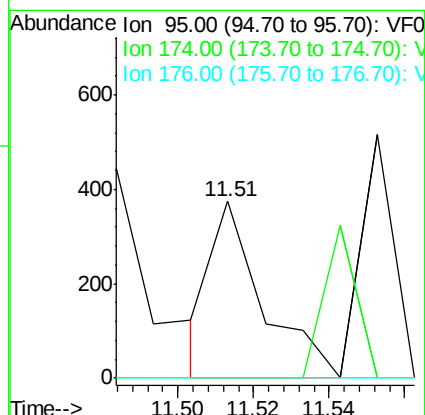
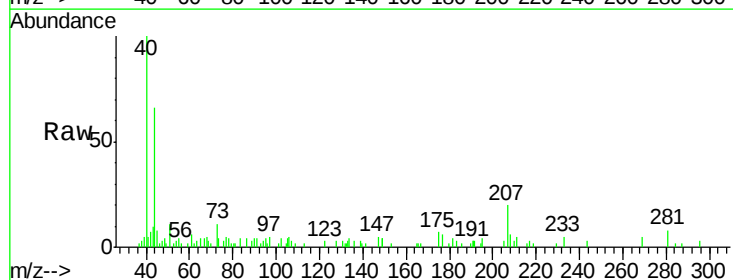
Tgt Ion: 95 Resp: 350

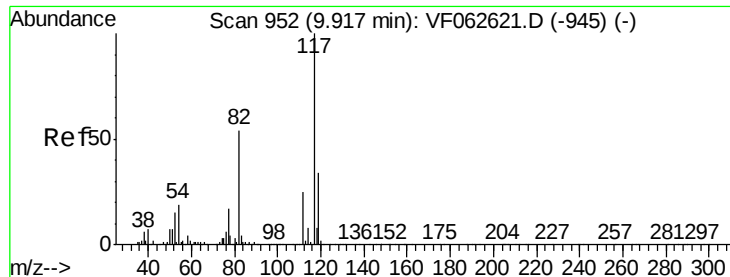
Ion Ratio Lower Upper

95 100

174 0.0 0.0 185.6

176 0.0 0.0 182.4

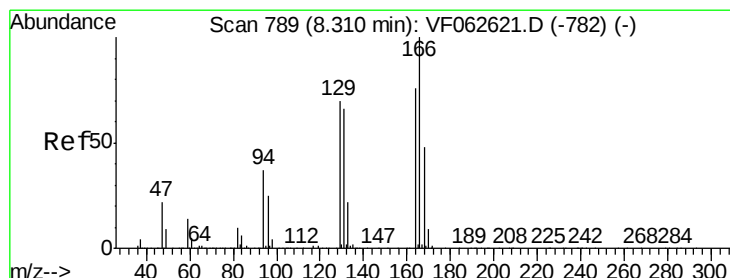
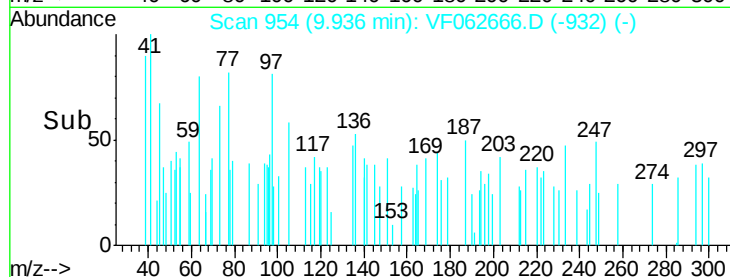
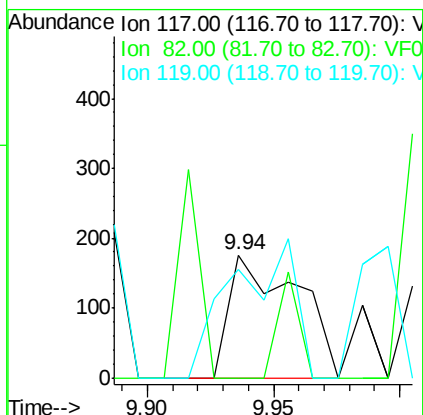
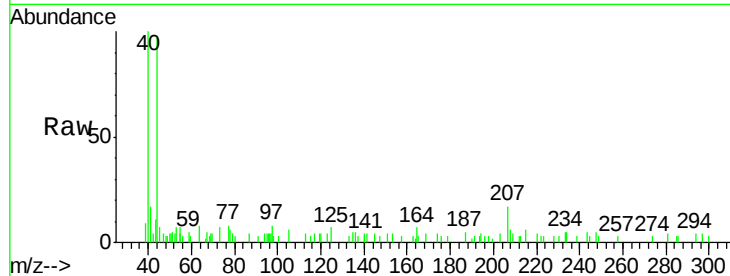




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.94 min Scan# 954
Delta R.T. 0.02 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

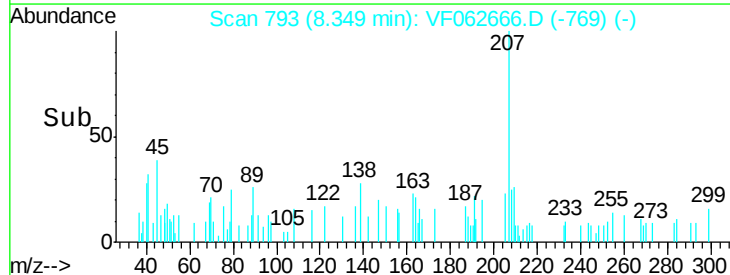
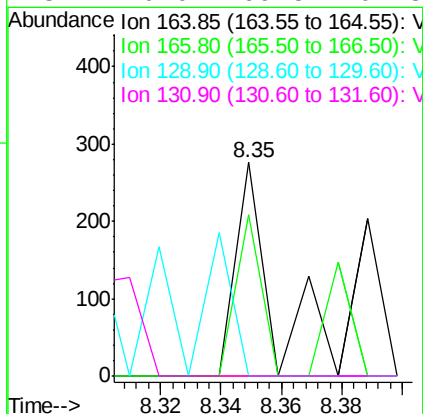
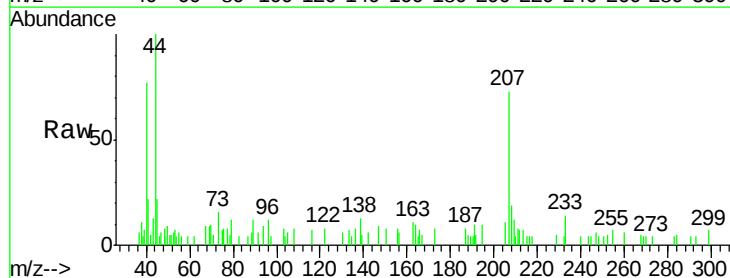
Instrument :
MSVOA_F
ClientSampled :
SB-02-9-10

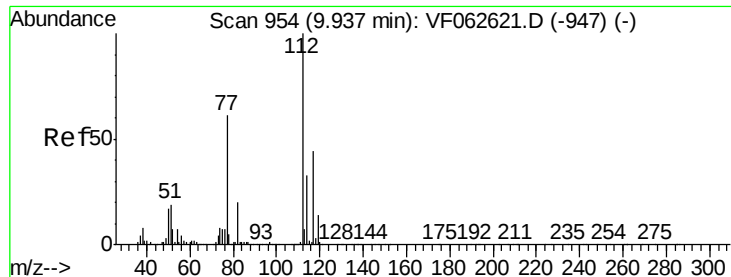
Tot Ion	Ratio	Lower	Upper
117	100		
82	0.0	43.3	64.9#
119	88.1	27.4	41.0#



#64
Tetrachloroethene
Concen: 92.080 ug/l
RT: 8.35 min Scan# 793
Delta R.T. 0.04 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	75.4	105.5	158.3#
129	0.0	73.8	110.6#
131	0.0	69.5	104.3#





#65

Chlorobenzene

Concen: 14.237 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.02 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampled :

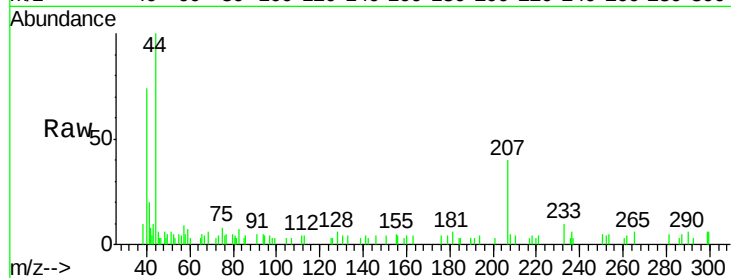
SB-02-9-10

Tot Ion:112 Resp: 92

Ion Ratio Lower Upper

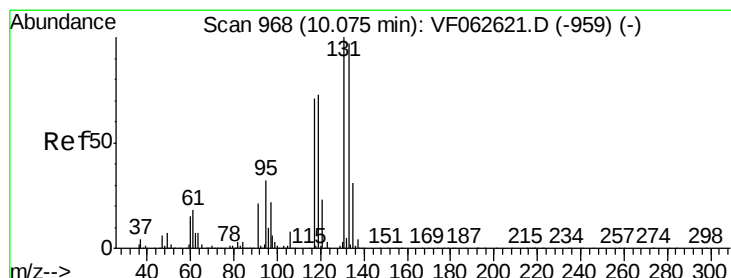
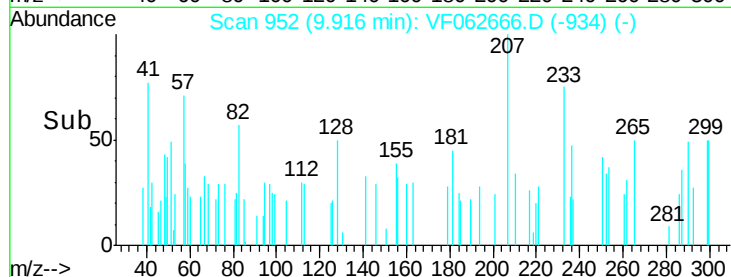
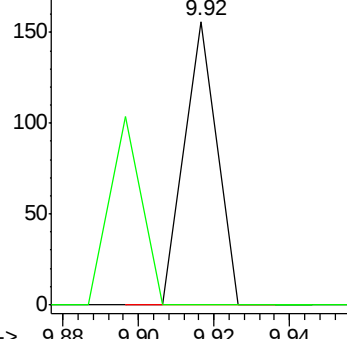
112 100

114 0.0 26.8 40.2#



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 125.284 ug/l

RT: 10.07 min Scan# 968

Delta R.T. -0.00 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

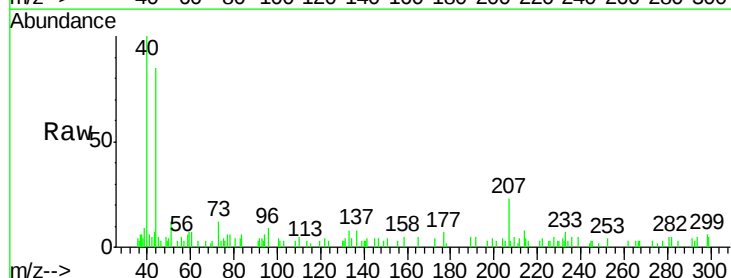
Tgt Ion:131 Resp: 325

Ion Ratio Lower Upper

131 100

133 122.0 48.5 145.5

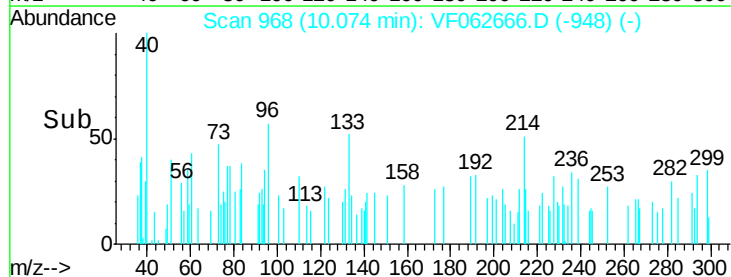
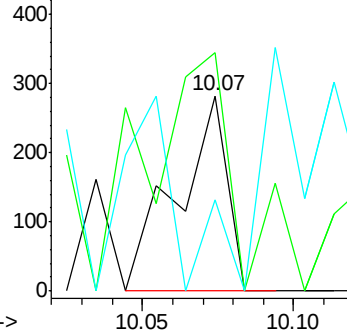
119 46.5 36.8 110.4

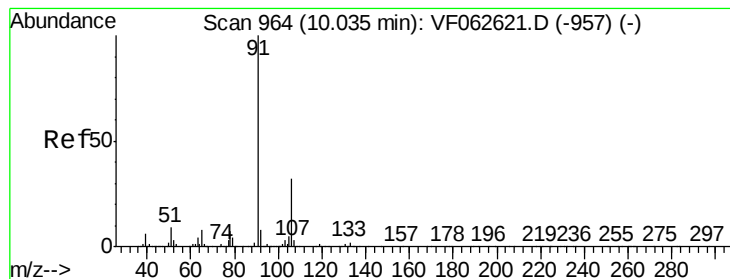


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 37.503 ug/l

RT: 10.04 min Scan# 965

Delta R.T. 0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

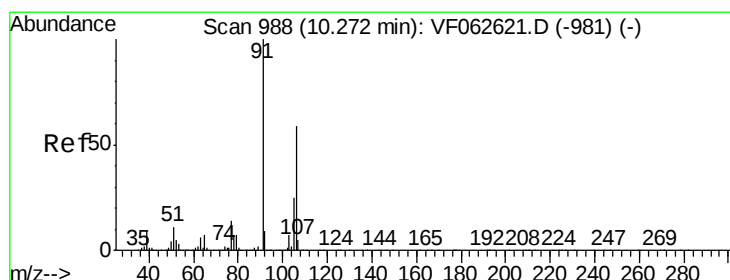
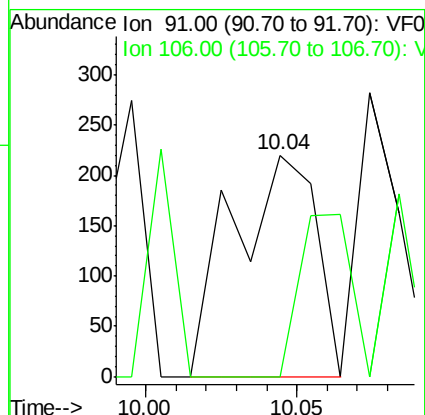
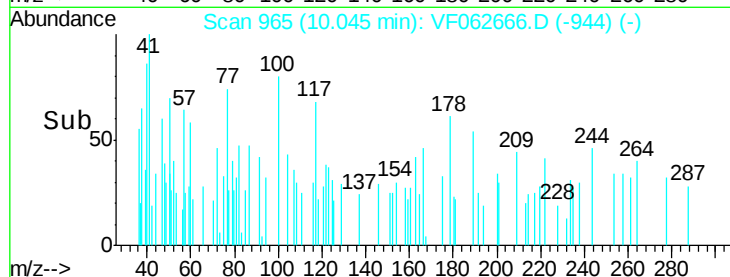
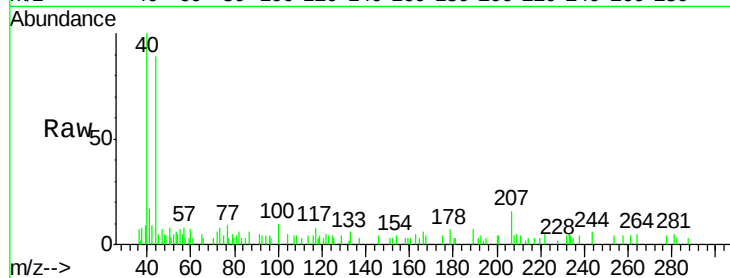
SB-02-9-10

Tot Ion: 91 Resp: 421

Ion Ratio Lower Upper

91 100

106 0.0 25.8 38.8#



#68

m/p-Xylenes

Concen: 37.923 ug/l

RT: 10.14 min Scan# 975

Delta R.T. -0.13 min

Lab File: VF062666.D

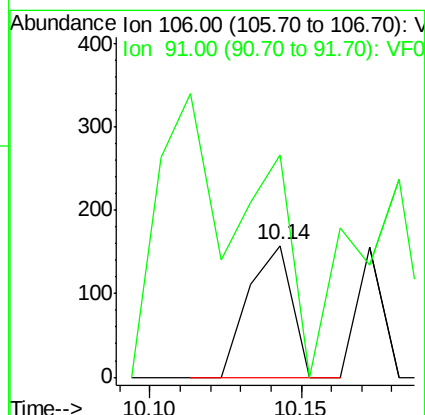
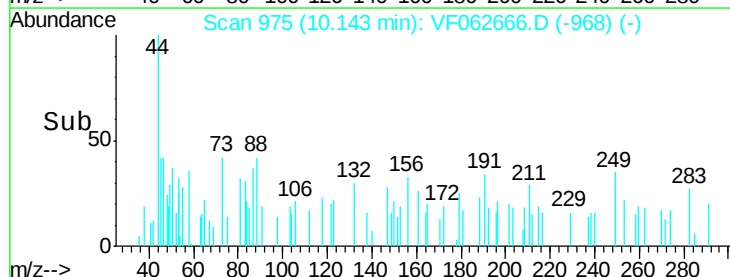
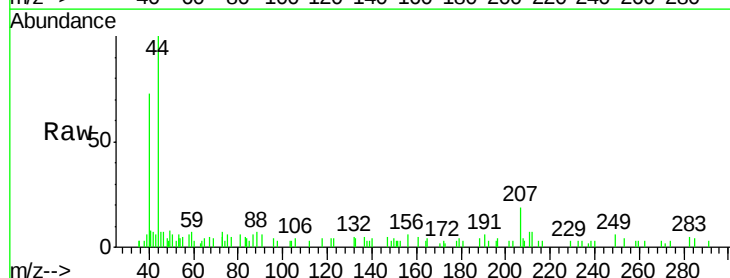
Acq: 20 May 2019 17:49

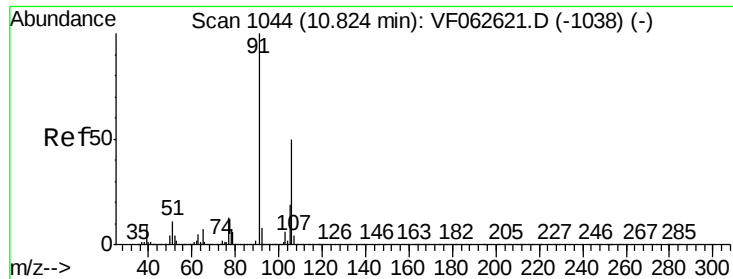
Tgt Ion: 106 Resp: 160

Ion Ratio Lower Upper

106 100

91 169.0 136.9 205.3

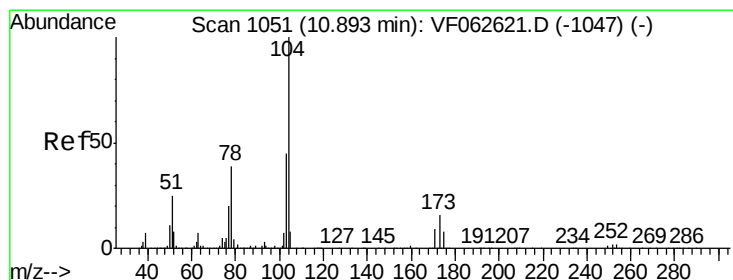
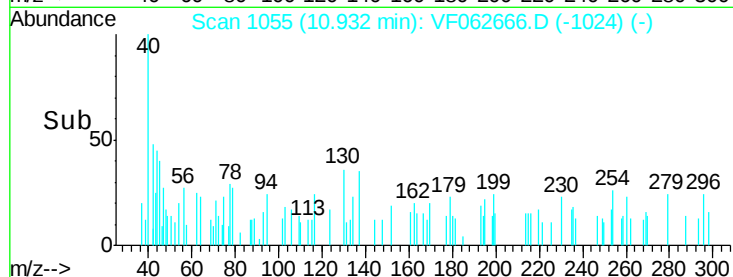
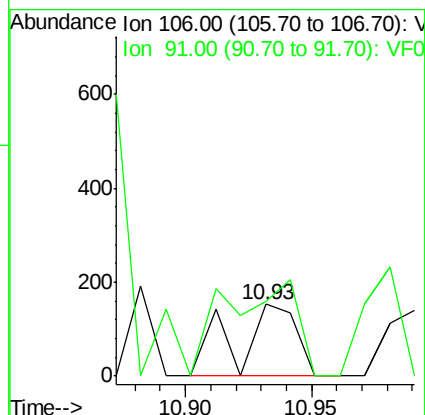
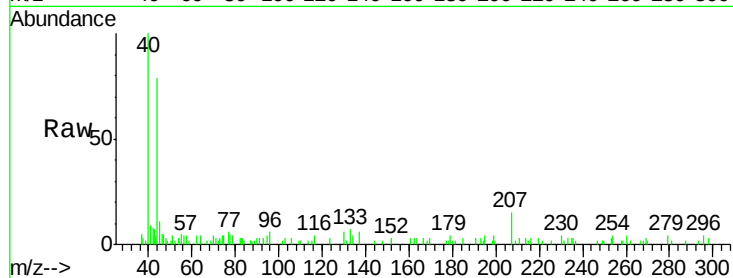




#69
o-Xylene
Concen: 58.679 ug/l
RT: 10.93 min Scan# 1055
Delta R.T. 0.11 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

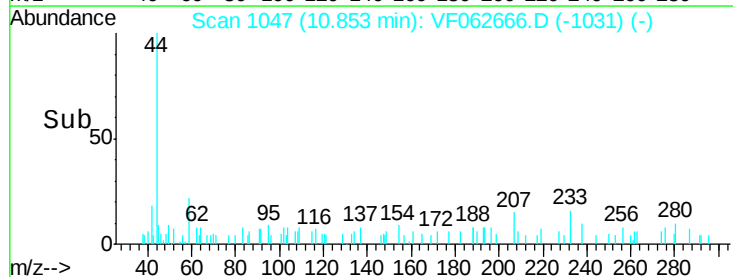
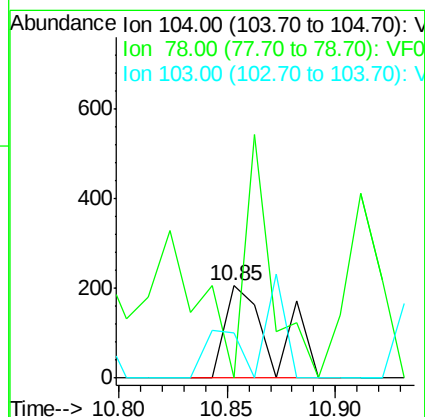
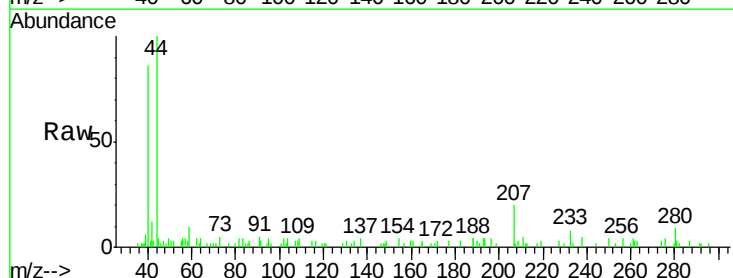
Instrument :
MSVOA_F
ClientSampled :
SB-02-9-10

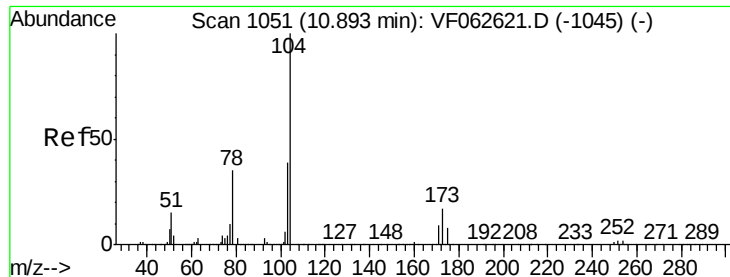
Tot Ion:106 Resp: 255
Ion Ratio Lower Upper
106 100
91 104.6 100.2 300.5



#70
Styrene
Concen: 48.598 ug/l
RT: 10.85 min Scan# 1047
Delta R.T. -0.04 min
Lab File: VF062666.D
Acq: 20 May 2019 17:49

Tgt Ion:104 Resp: 321
Ion Ratio Lower Upper
104 100
78 0.0 31.9 47.9#
103 49.0 36.1 54.1





#71

Bromoform

Concen: 220.901 ug/l

RT: 10.92 min Scan# 1054

Delta R.T. 0.03 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

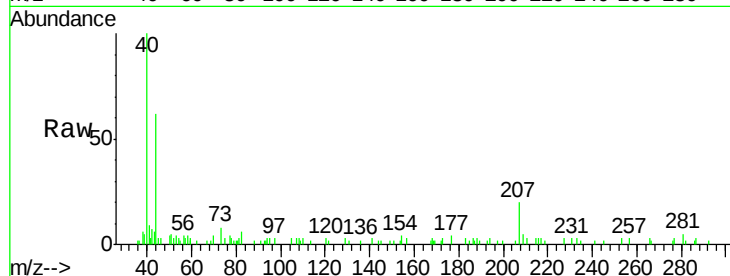
Tot Ion:173 Resp: 287

Ion Ratio Lower Upper

173 100

175 0.0 25.3 75.9#

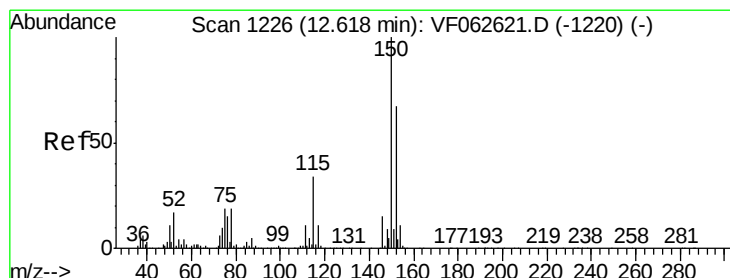
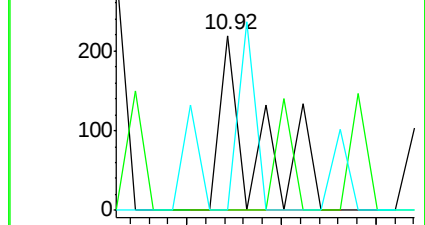
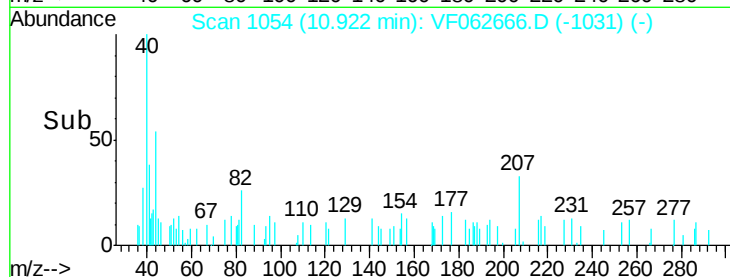
254 0.0 0.2 0.2#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.59 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

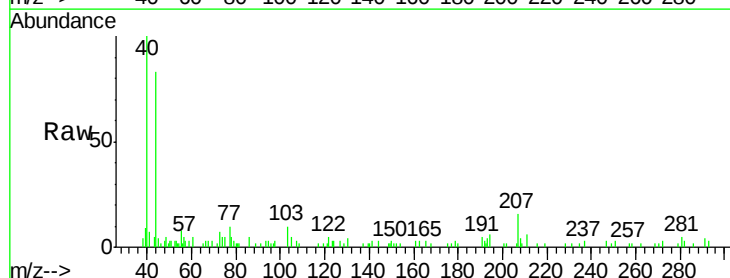
Tgt Ion:152 Resp: 451

Ion Ratio Lower Upper

152 100

115 0.0 25.2 75.6#

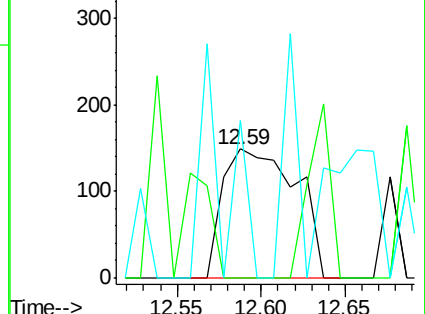
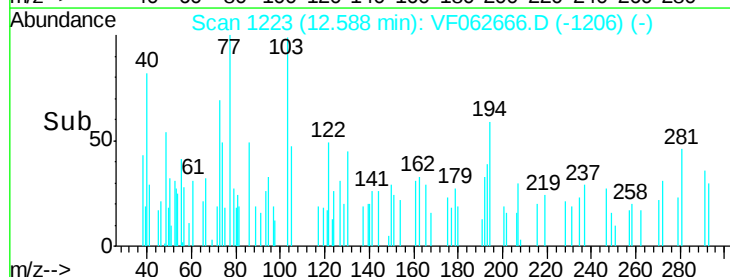
150 122.1 0.0 306.2

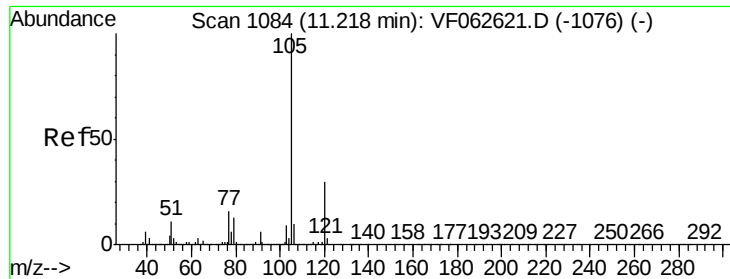


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 14.076 ug/l

RT: 11.31 min Scan# 1093

Delta R.T. 0.09 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

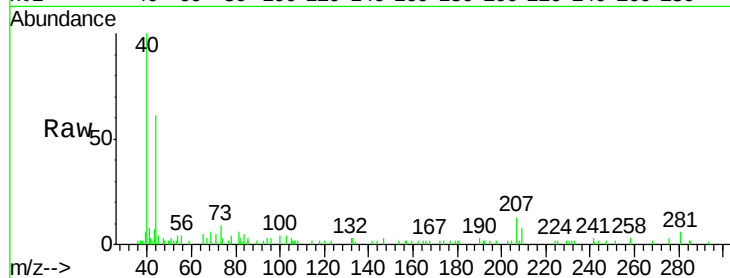
SB-02-9-10

Tot Ion:105 Resp: 455

Ion Ratio Lower Upper

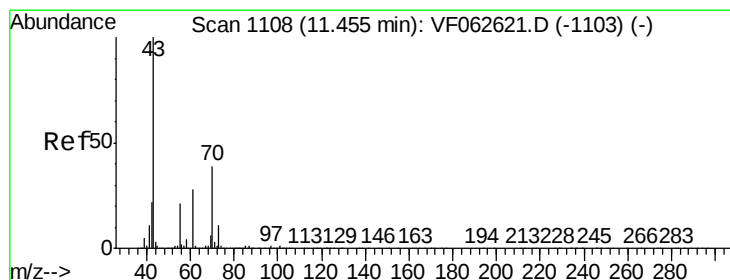
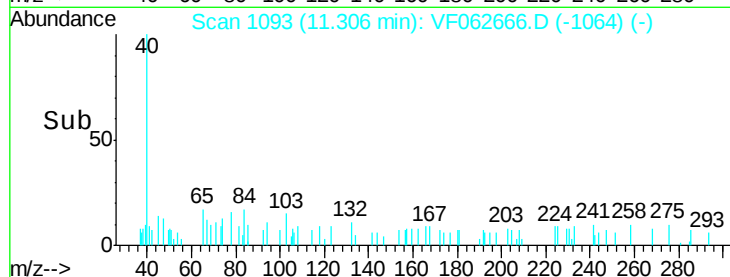
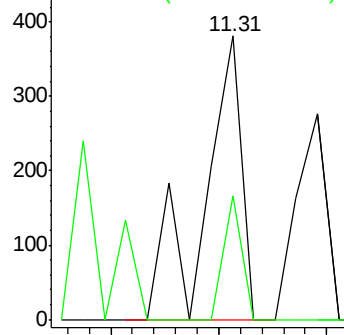
105 100

120 43.6 14.8 44.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 186.270 ug/l

RT: 11.41 min Scan# 1104

Delta R.T. -0.04 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Tgt Ion: 43 Resp: 1411

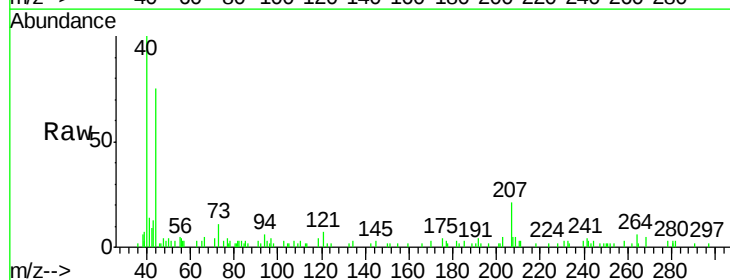
Ion Ratio Lower Upper

43 100

70 0.0 30.9 46.3#

55 71.9 17.0 25.4#

61 0.0 22.6 34.0#

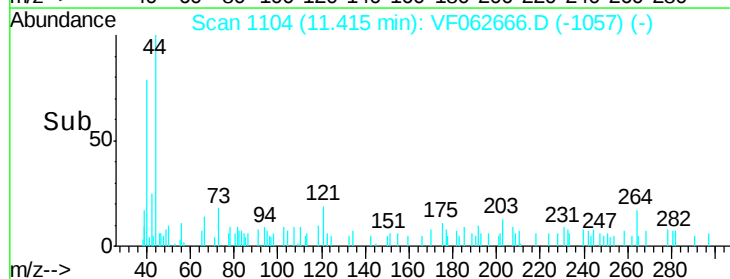
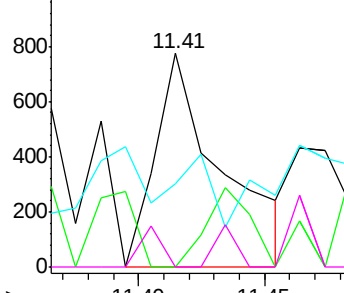


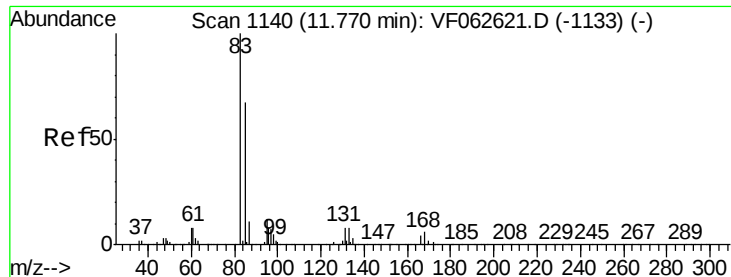
Abundance Ion 43.00 (42.70 to 43.70): VF0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 36.029 ug/l

RT: 11.76 min Scan# 1139

Delta R.T. -0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

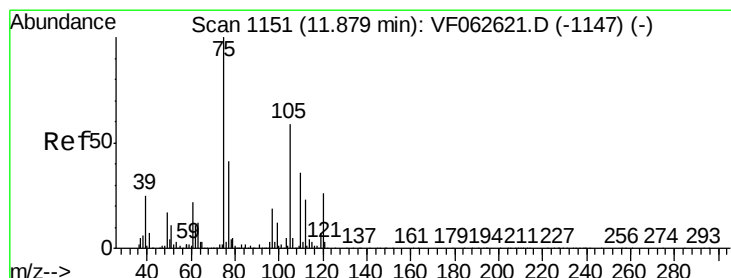
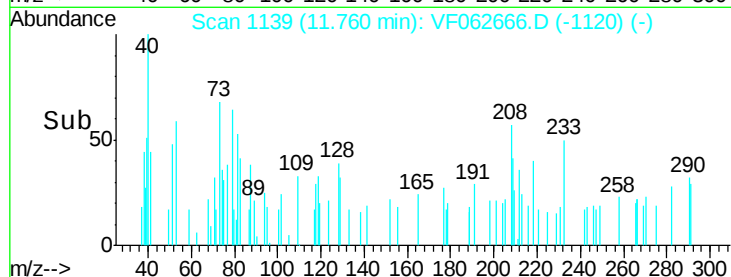
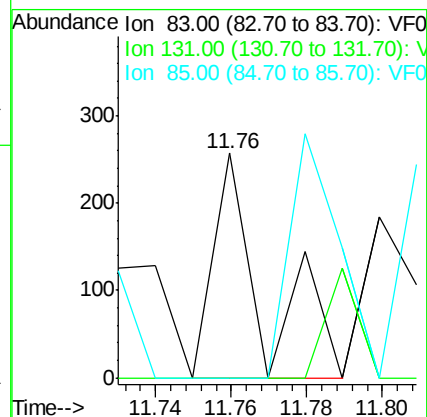
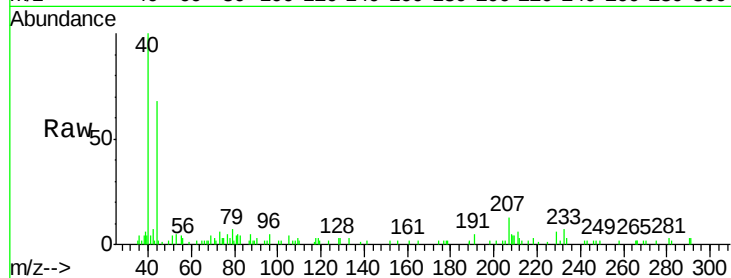
Tot Ion: 83 Resp: 238

Ion Ratio Lower Upper

83 100

131 0.0 4.0 12.0#

85 0.0 33.5 100.5#



#76

1,2,3-Trichloropropane

Concen: 71.191 ug/l

RT: 11.88 min Scan# 1151

Delta R.T. -0.00 min

Lab File: VF062666.D

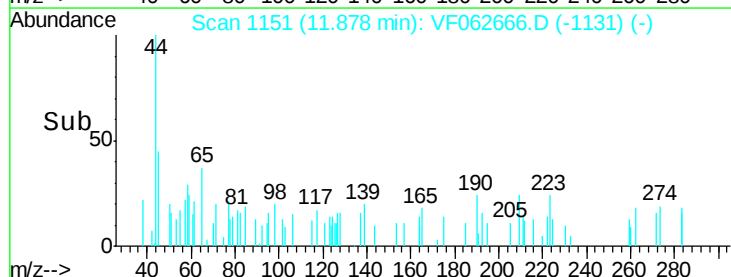
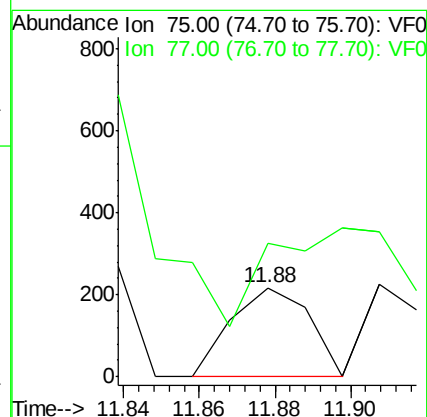
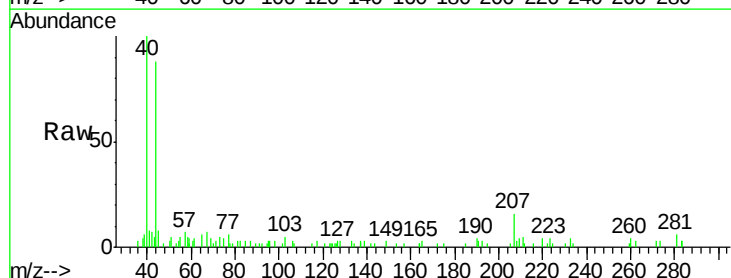
Acq: 20 May 2019 17:49

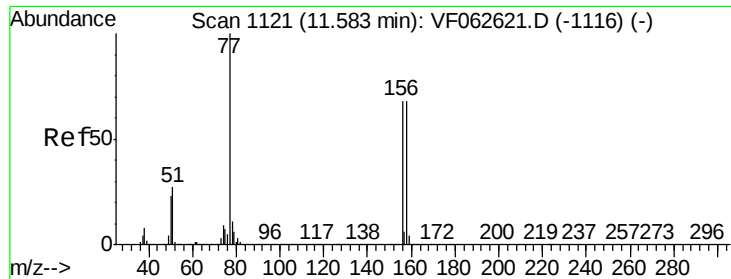
Tgt Ion: 75 Resp: 309

Ion Ratio Lower Upper

75 100

77 149.8 20.6 61.8#





#77

Bromobenzene

Concen: 8.214 ug/l

RT: 11.43 min Scan# 1106

Delta R.T. -0.15 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampled :

SB-02-9-10

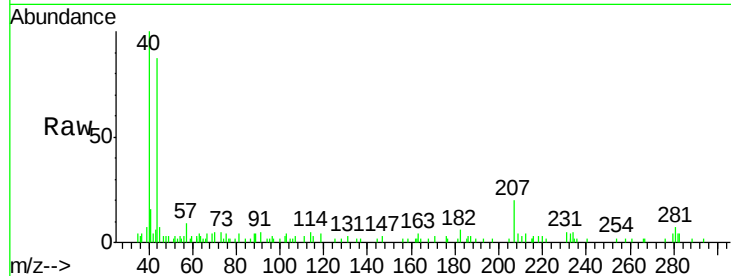
Tot Ion:156 Resp: 66

Ion Ratio Lower Upper

156 100

77 118.8 73.6 220.8

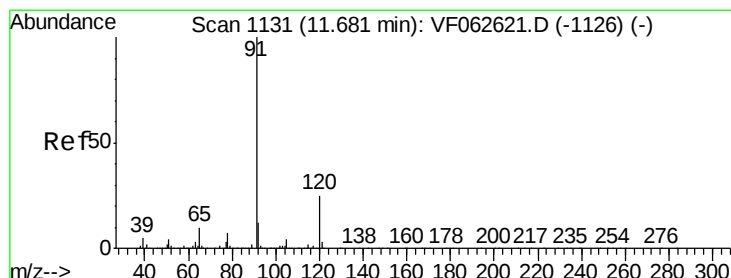
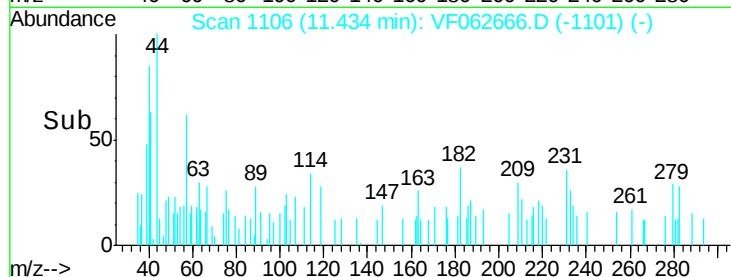
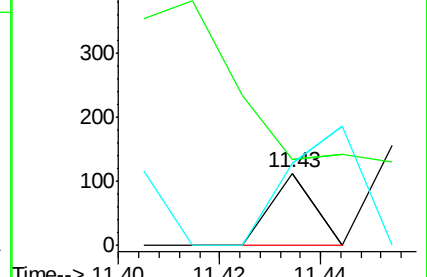
158 113.4 49.6 148.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 20.076 ug/l

RT: 11.72 min Scan# 1135

Delta R.T. 0.04 min

Lab File: VF062666.D

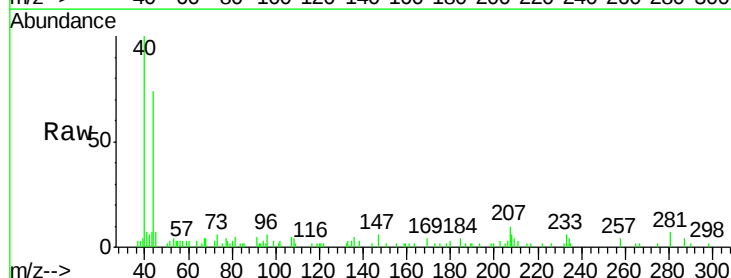
Acq: 20 May 2019 17:49

Tgt Ion: 91 Resp: 768

Ion Ratio Lower Upper

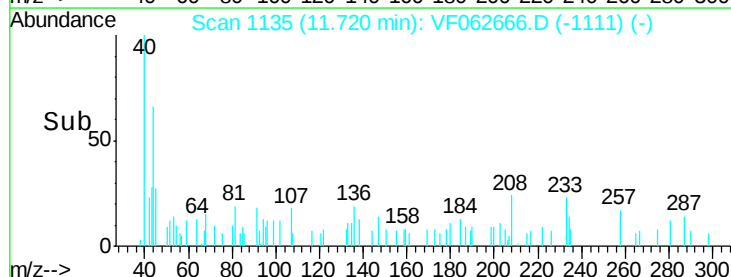
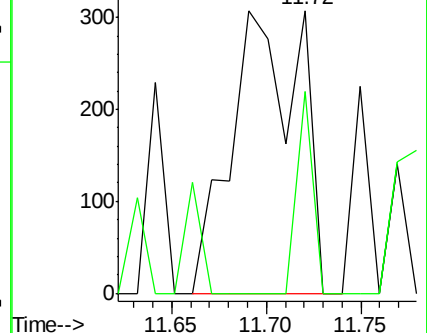
91 100

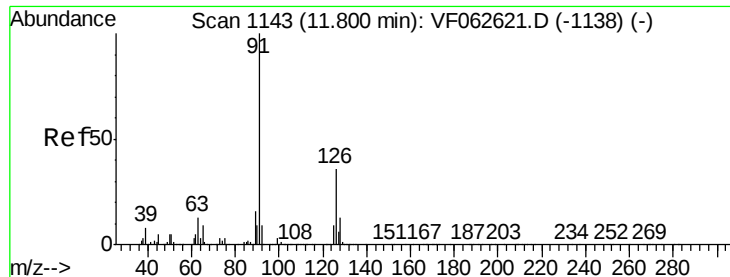
120 71.4 12.7 38.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.359 ug/l

RT: 11.84 min Scan# 1147

Delta R.T. 0.04 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

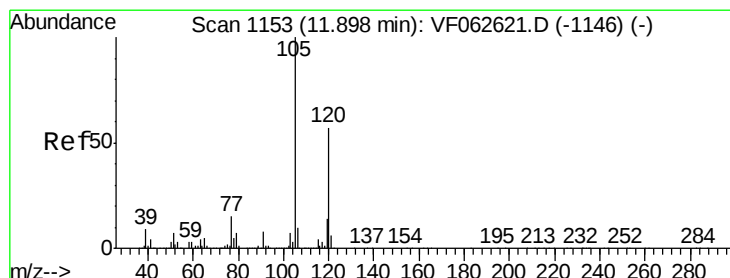
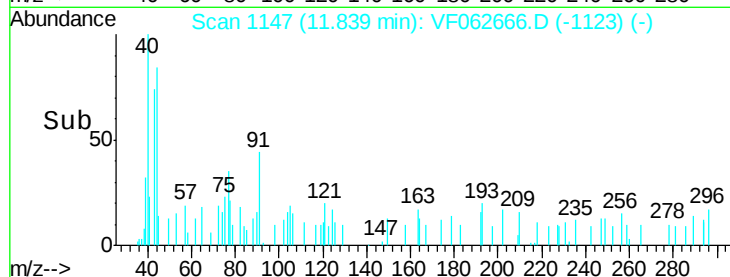
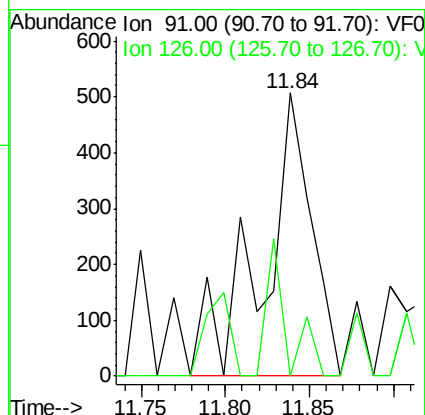
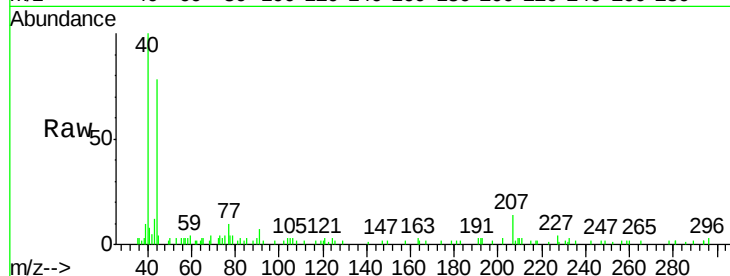
SB-02-9-10

Tot Ion: 91 Resp: 1021

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



#80

1,3,5-Trimethylbenzene

Concen: 11.073 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. 0.01 min

Lab File: VF062666.D

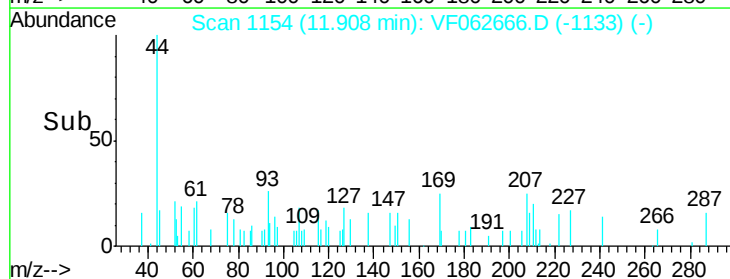
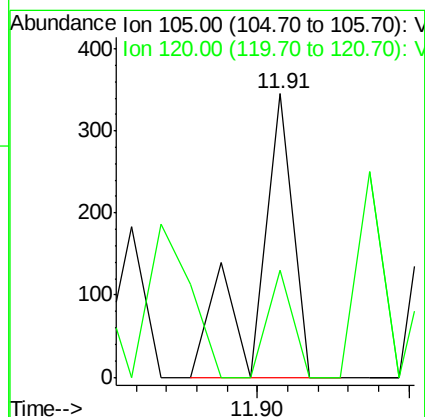
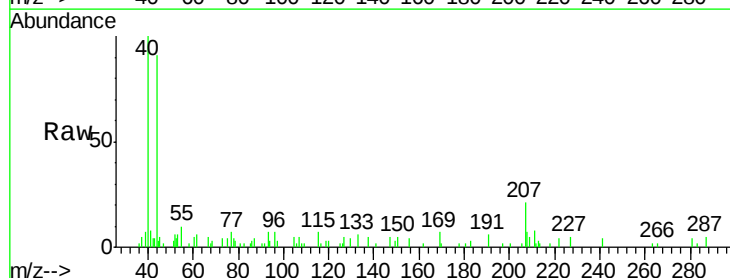
Acq: 20 May 2019 17:49

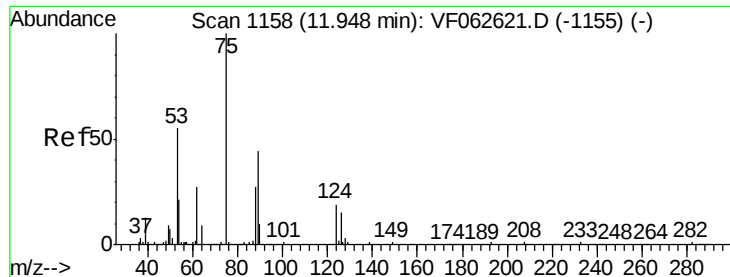
Tgt Ion: 105 Resp: 287

Ion Ratio Lower Upper

105 100

120 37.7 28.7 86.3





#81

trans-1,4-Dichloro-2-butene

Concen: 338.455 ug/l

RT: 11.96 min Scan# 1159

Delta R.T. 0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

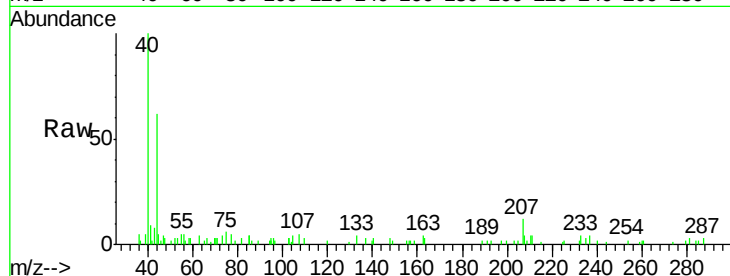
MSVOA_F

ClientSampled :

SB-02-9-10

Tot Ion: 75 Resp: 653

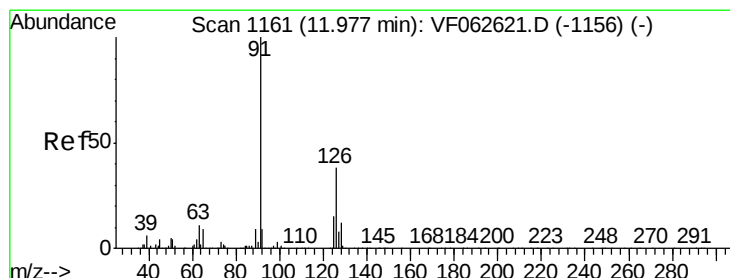
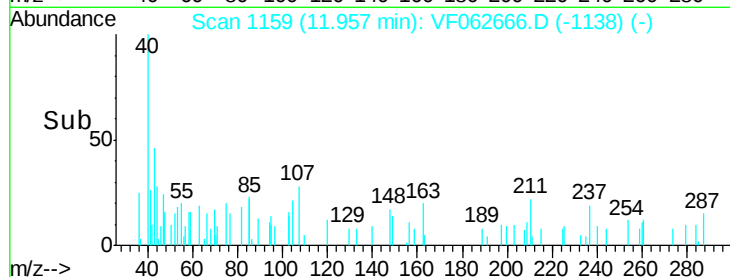
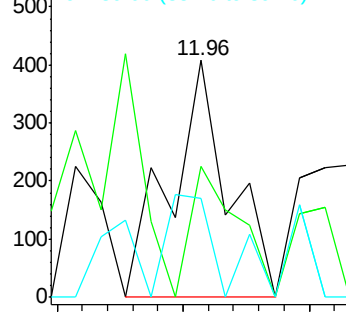
Ion	Ratio	Lower	Upper
75	100		
53	55.4	46.9	70.3
89	41.9	36.4	54.6



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: 25.118 ug/l

RT: 11.99 min Scan# 1162

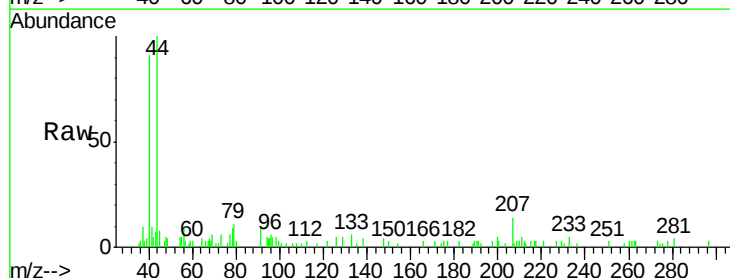
Delta R.T. 0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

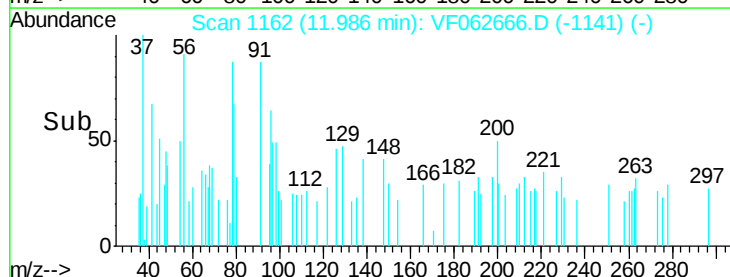
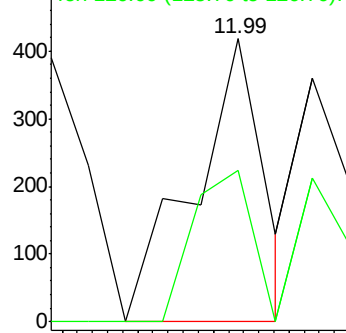
Tgt Ion: 91 Resp: 534

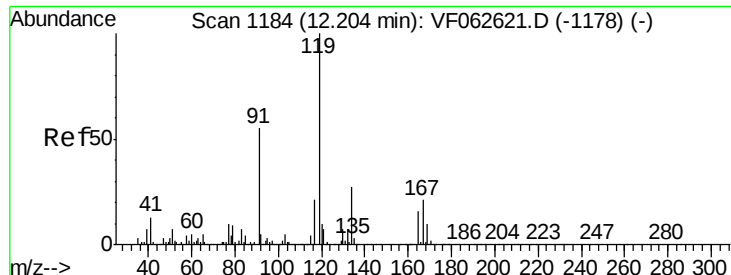
Ion	Ratio	Lower	Upper
91	100		
126	53.3	19.1	57.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#83

tert-Butylbenzene

Concen: 8.138 ug/l

RT: 12.20 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampled :

SB-02-9-10

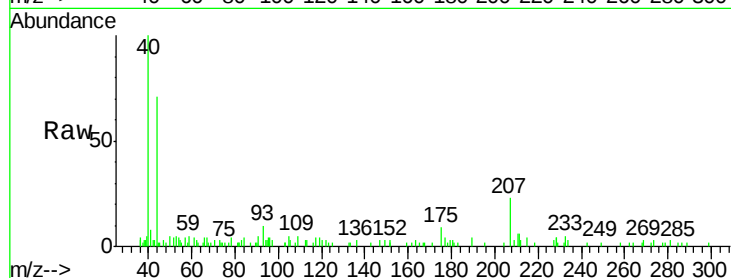
Tot Ion:119 Resp: 214

Ion Ratio Lower Upper

119 100

91 129.0 27.3 81.9#

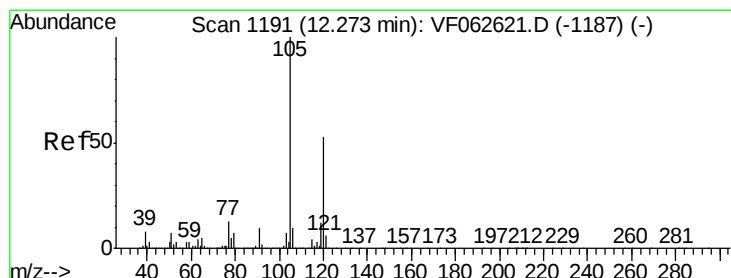
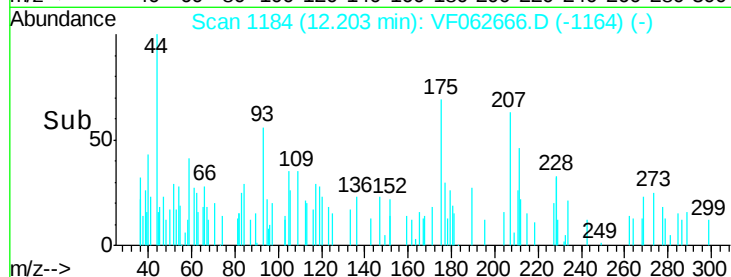
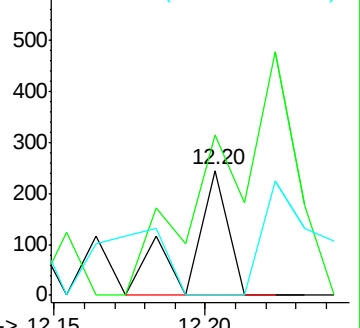
134 0.0 13.6 40.7#



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: 17.938 ug/l

RT: 12.30 min Scan# 1194

Delta R.T. 0.03 min

Lab File: VF062666.D

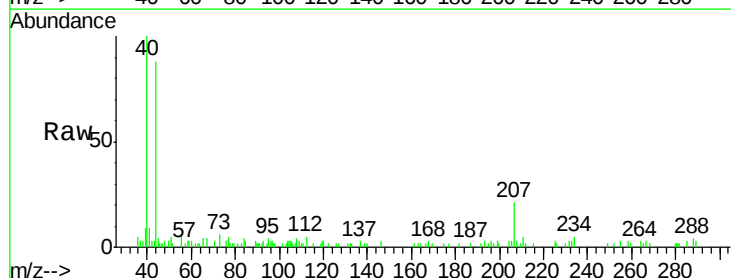
Acq: 20 May 2019 17:49

Tgt Ion:105 Resp: 450

Ion Ratio Lower Upper

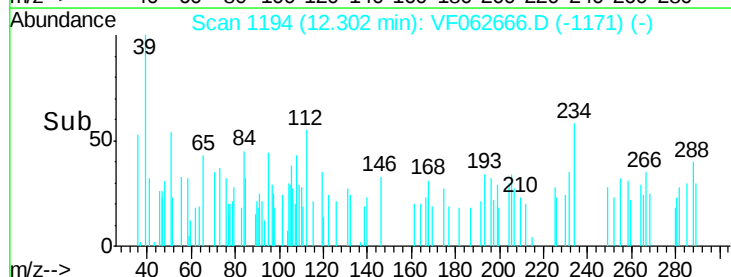
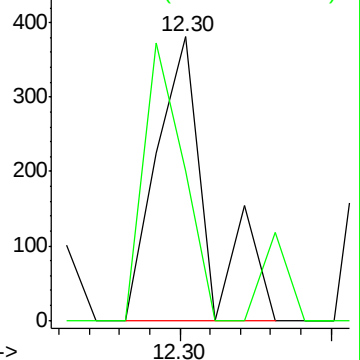
105 100

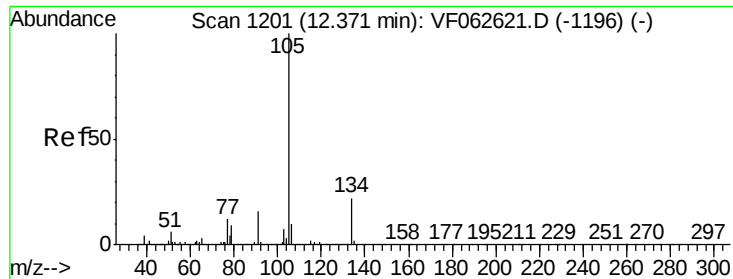
120 52.5 26.7 80.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

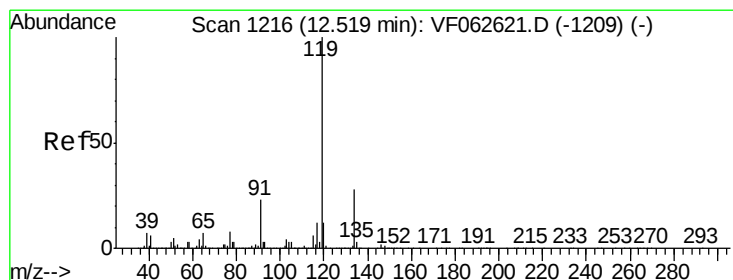
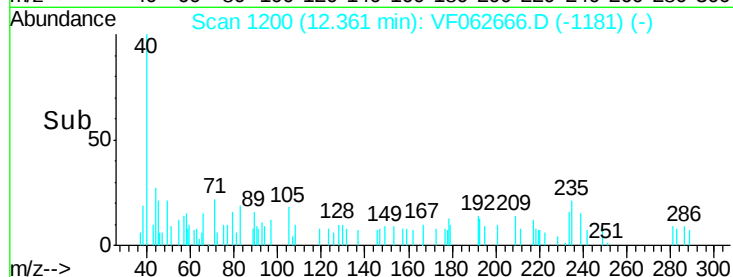
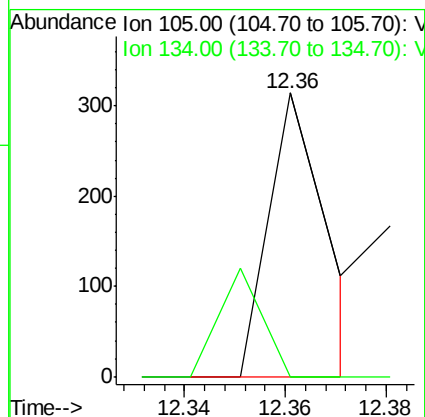
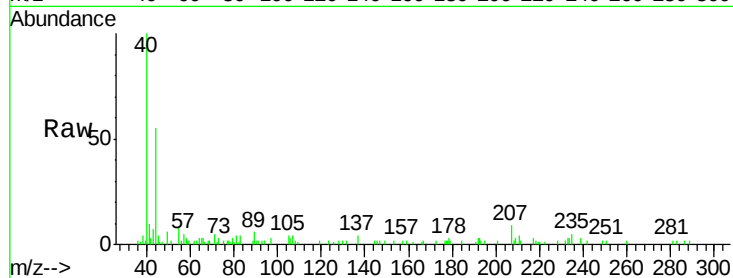




#85
 sec-Butylbenzene
 Concen: 7.113 ug/l
 RT: 12.36 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VF062666.D
 Acq: 20 May 2019 17:49

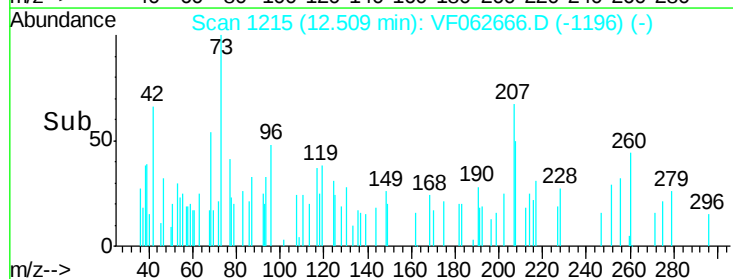
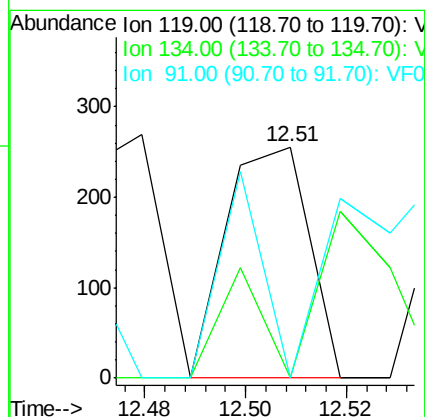
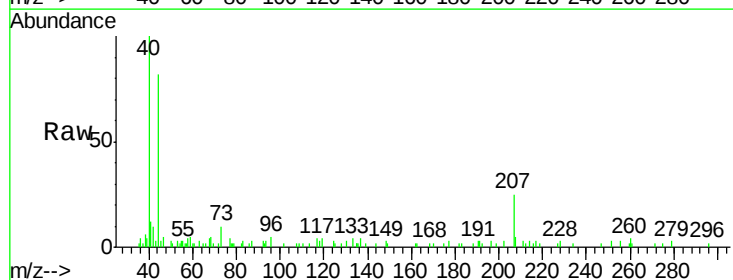
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-9-10

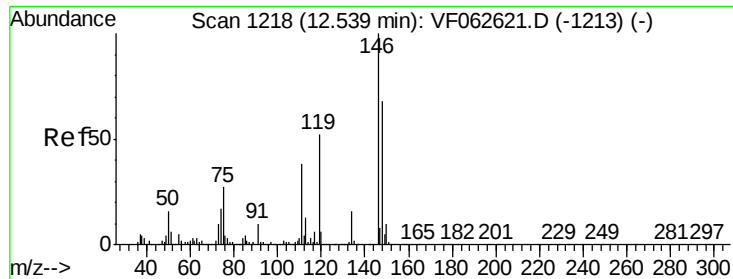
Tot Ion:105 Resp: 251
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#



#86
 p-Isopropyltoluene
 Concen: 9.785 ug/l
 RT: 12.51 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: VF062666.D
 Acq: 20 May 2019 17:49

Tgt Ion:119 Resp: 291
 Ion Ratio Lower Upper
 119 100
 134 0.0 14.1 42.3#
 91 0.0 11.4 34.2#





#87

1,3-Dichlorobenzene

Concen: 4.540 ug/l

RT: 12.55 min Scan# 1219

Delta R.T. 0.01 min

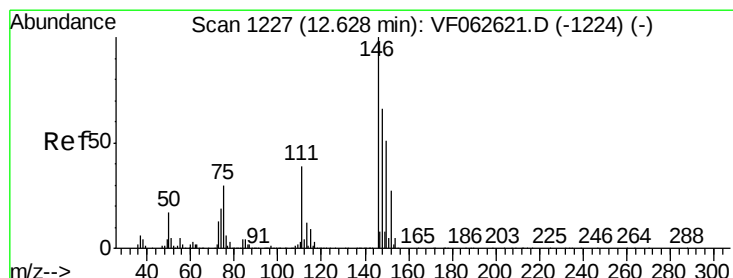
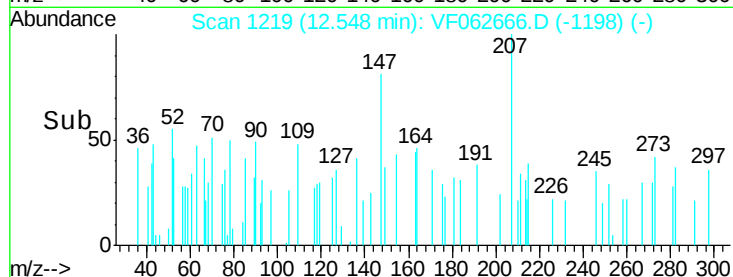
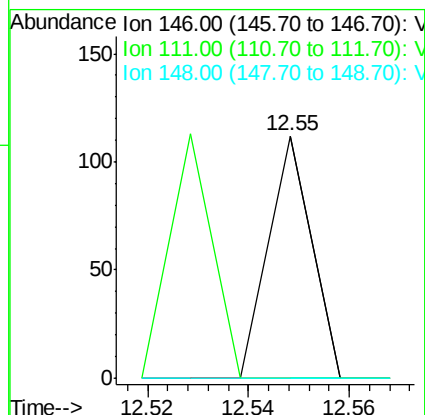
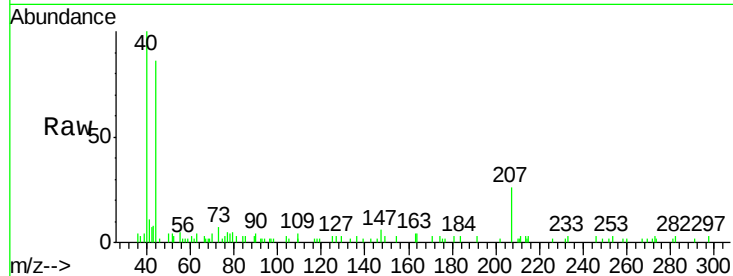
Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :
MSVOA_F
ClientSampleId :
SB-02-9-10

Tot Ion:146 Resp: 66

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.9	56.9#
148	0.0	34.0	101.8#



#88

1,4-Dichlorobenzene

Concen: 24.191 ug/l

RT: 12.64 min Scan# 1228

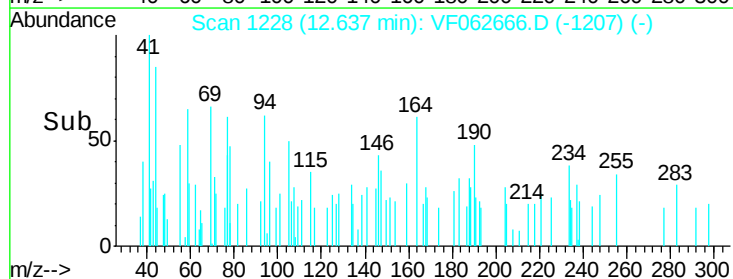
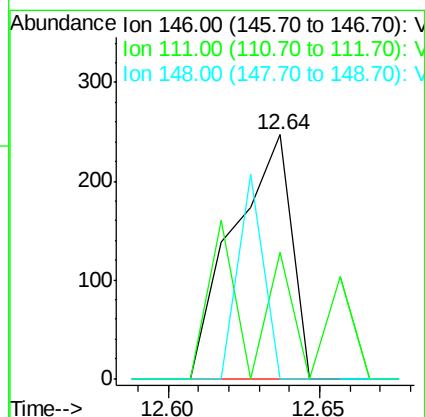
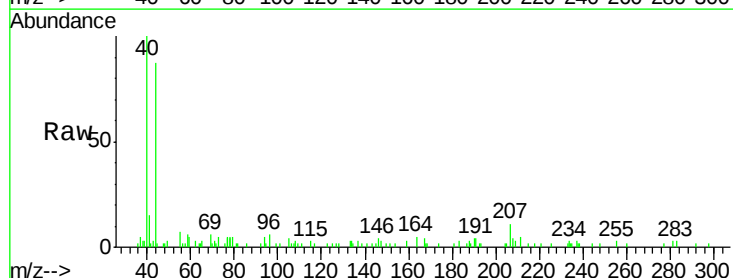
Delta R.T. 0.01 min

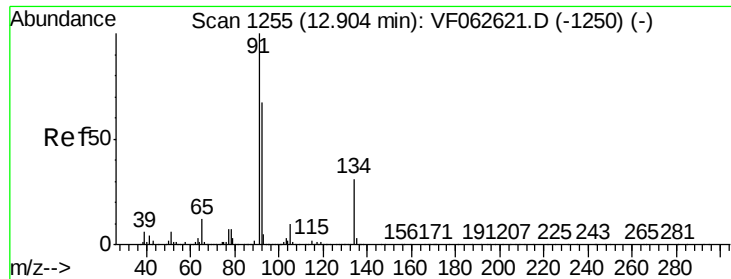
Lab File: VF062666.D

Acq: 20 May 2019 17:49

Tgt Ion:146 Resp: 330

Ion	Ratio	Lower	Upper
146	100		
111	51.8	19.4	58.2
148	0.0	33.2	99.6#





#89

n-Butylbenzene

Concen: 46.108 ug/l

RT: 12.90 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

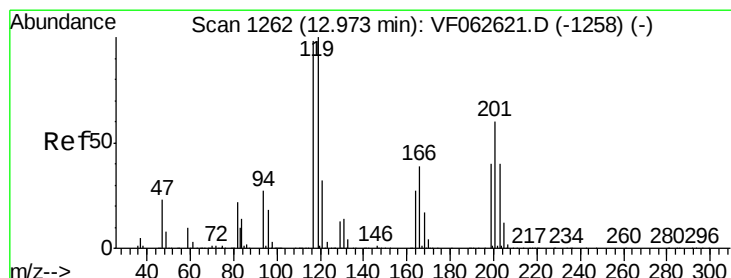
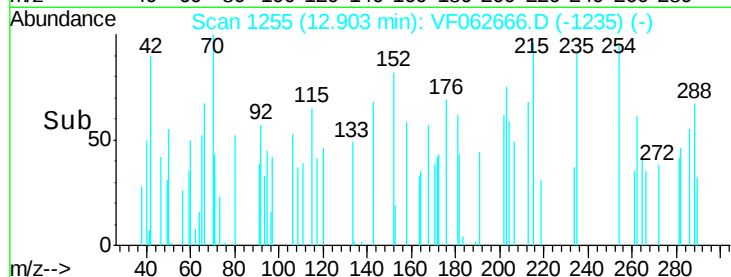
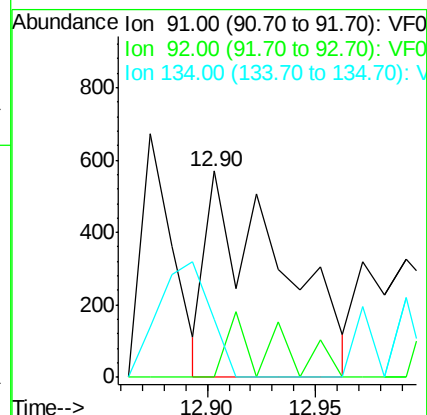
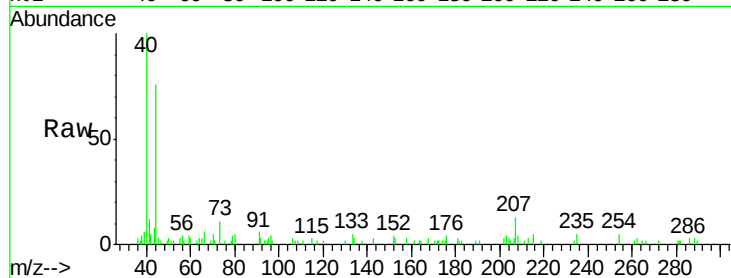
Tot Ion: 91 Resp: 1352

Ion Ratio Lower Upper

91 100

92 0.0 33.3 99.8#

134 28.3 15.4 46.4



#90

Hexachloroethane

Concen: 33.500 ug/l

RT: 12.97 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VF062666.D

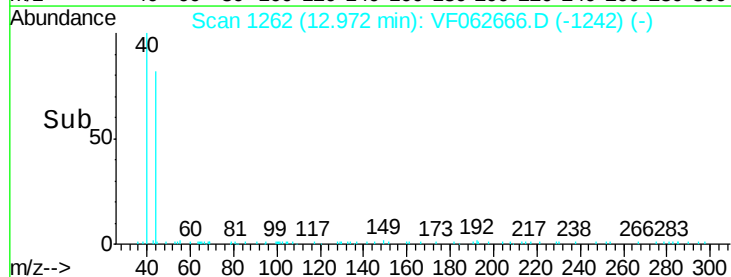
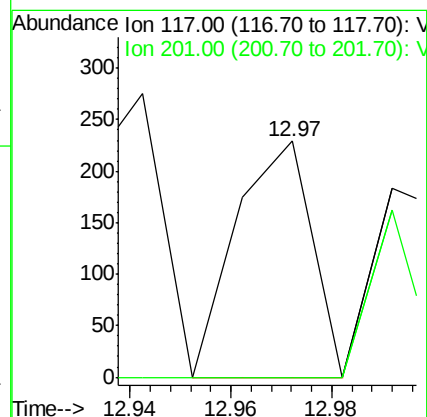
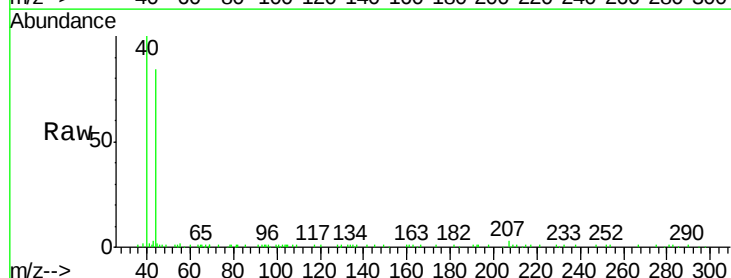
Acq: 20 May 2019 17:49

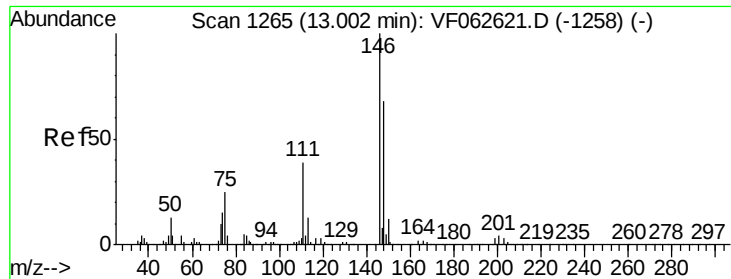
Tgt Ion: 117 Resp: 239

Ion Ratio Lower Upper

117 100

201 0.0 30.7 92.1#

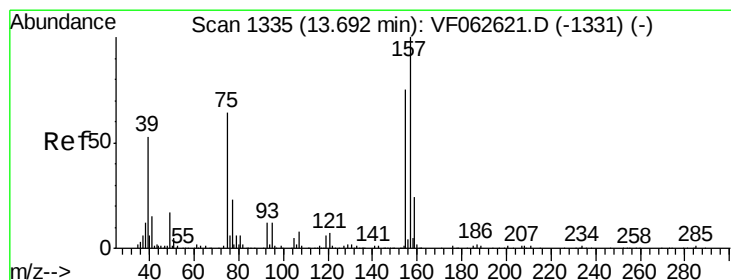
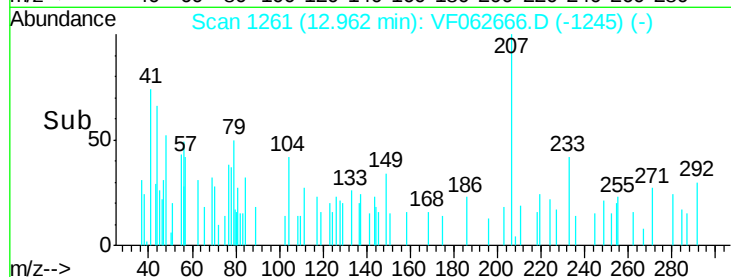
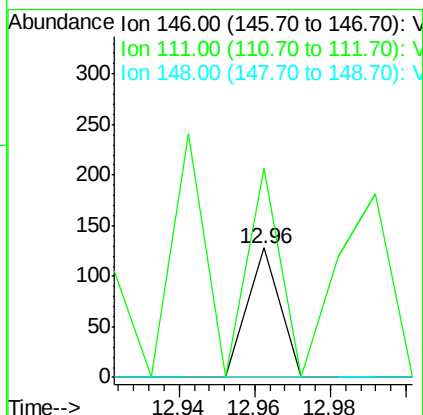
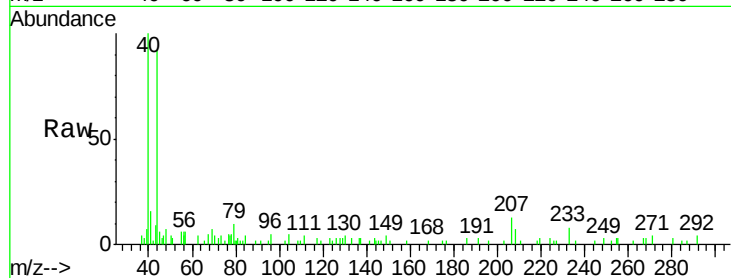




#91
 1,2-Dichlorobenzene
 Concen: 5.865 ug/l
 RT: 12.96 min Scan# 1261
 Delta R.T. -0.04 min
 Lab File: VF062666.D
 Acq: 20 May 2019 17:49

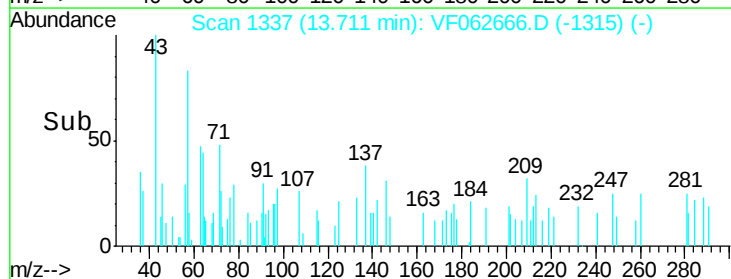
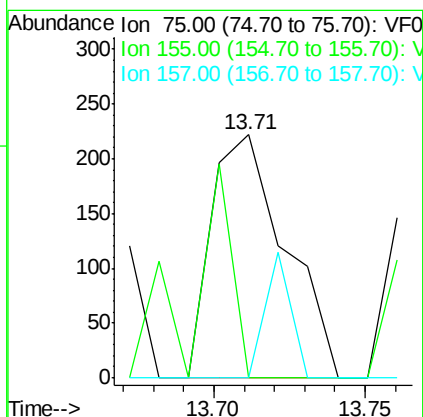
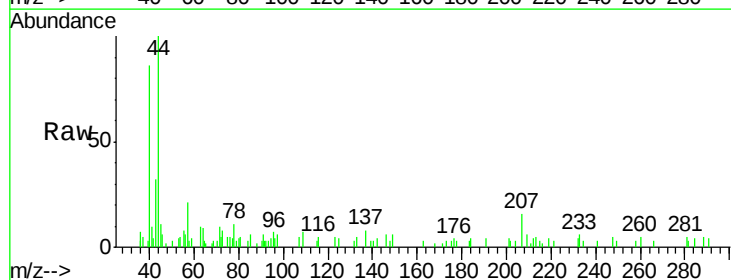
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-9-10

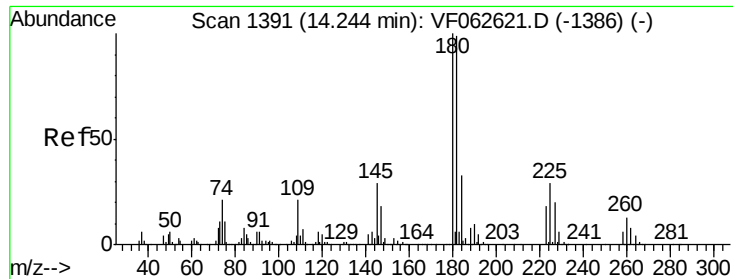
Tot Ion:146 Resp: 76
 Ion Ratio Lower Upper
 146 100
 111 161.7 19.8 59.3#
 148 0.0 34.1 102.2#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 480.934 ug/l
 RT: 13.71 min Scan# 1337
 Delta R.T. 0.02 min
 Lab File: VF062666.D
 Acq: 20 May 2019 17:49

Tgt Ion: 75 Resp: 379
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.1 174.3#
 157 0.0 77.8 233.4#

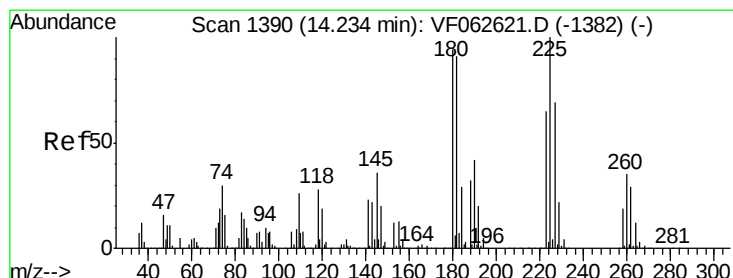
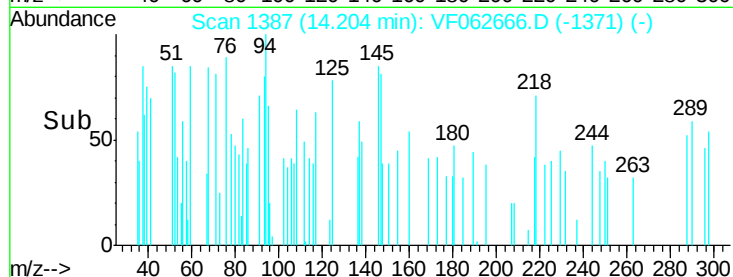
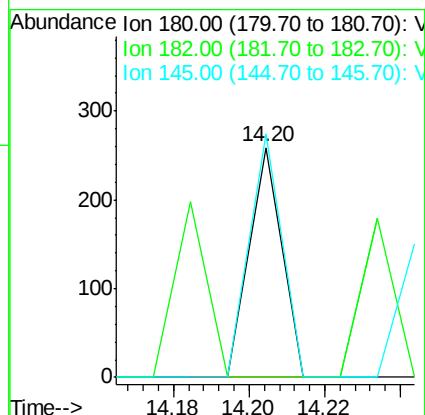
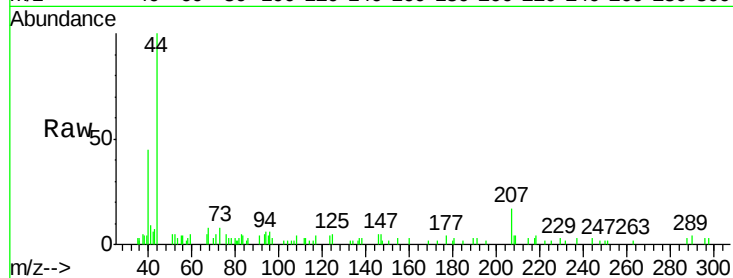




#93
 1,2,4-Trichlorobenzene
 Concen: 16.496 ug/l
 RT: 14.20 min Scan# 1387
 Delta R.T. -0.04 min
 Lab File: VF062666.D
 Acq: 20 May 2019 17:49

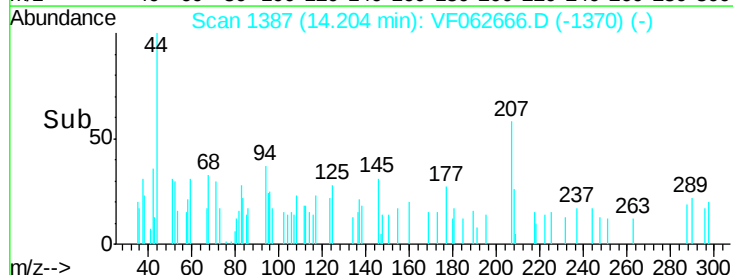
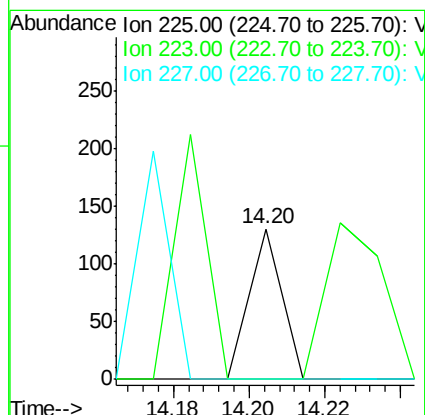
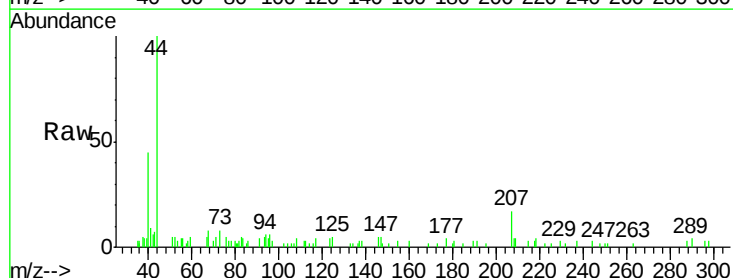
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-9-10

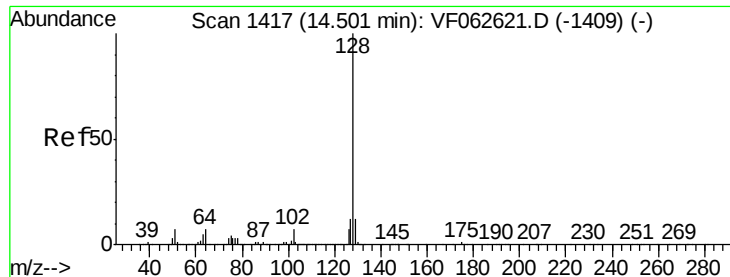
Tot Ion:180 Resp: 153
 Ion Ratio Lower Upper
 180 100
 182 0.0 49.7 149.1#
 145 105.8 14.6 44.0#



#94
 Hexachlorobutadiene
 Concen: 11.896 ug/l
 RT: 14.20 min Scan# 1387
 Delta R.T. -0.03 min
 Lab File: VF062666.D
 Acq: 20 May 2019 17:49

Tgt Ion:225 Resp: 77
 Ion Ratio Lower Upper
 225 100
 223 0.0 32.5 97.4#
 227 0.0 34.5 103.5#





#95

Naphthalene

Concen: 5.401 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. 0.02 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

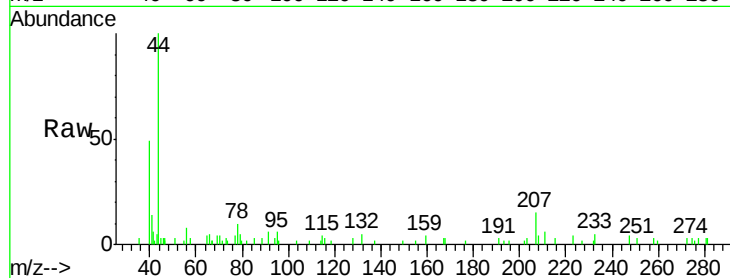
Tot Ion:128 Resp: 91

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

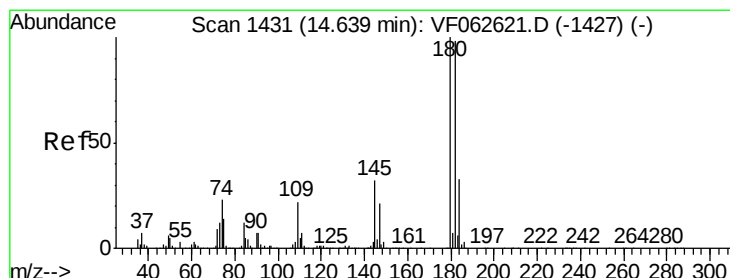
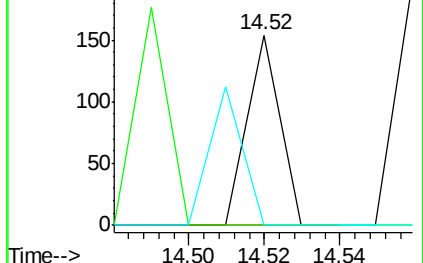
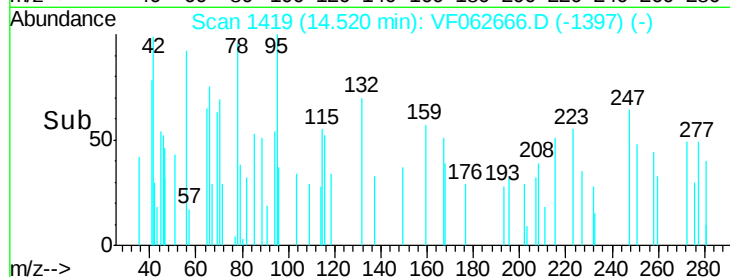
129 0.0 9.3 13.9#



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: 7.171 ug/l

RT: 14.65 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VF062666.D

Acq: 20 May 2019 17:49

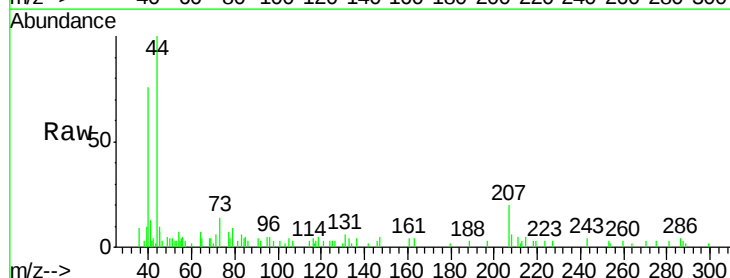
Tgt Ion:180 Resp: 63

Ion Ratio Lower Upper

180 100

182 0.0 48.9 146.7#

145 0.0 16.1 48.2#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

