

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
 Data File : VF062649.D
 Acq On : 17 May 2019 20:15
 Operator : FY/SY
 Sample : K2894-17
 Misc : 5.06g/5mL/MSVOA F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: May 18 01:44:33 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	5.05	168	96	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	160	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.84	117	96	50.00	ug/l	-0.08
72) 1,4-Dichlorobenzene-d4	12.68	152	91	50.00	ug/l	0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	170	250.60	ug/l	-0.03
Spiked Amount			Recovery	=	501.20%	
35) Dibromofluoromethane	4.31	113	312	254.83	ug/l	0.00
Spiked Amount			Recovery	=	509.66%	
50) Toluene-d8	7.58	98	418	142.99	ug/l	-0.14
Spiked Amount			Recovery	=	285.98%	
62) 4-Bromofluorobenzene	11.45	95	335	302.16	ug/l	-0.06
Spiked Amount			Recovery	=	604.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.04	85	558	427.123	ug/l #	1
3) Chloromethane	1.25	50	366	304.258	ug/l	97
4) Vinyl Chloride	1.19	62	207	186.944	ug/l #	41
5) Bromomethane	1.46	94	299	493.600	ug/l	99
6) Chloroethane	1.26	64	372	914.753	ug/l	90
7) Trichlorofluoromethane	1.55	101	402	270.386	ug/l #	21
8) Diethyl Ether	1.68	74	996	3381.569	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	1.91	101	339	358.084	ug/l #	7
10) Methyl Iodide	1.98	142	536	288.217	ug/l #	30
11) Tert butyl alcohol	2.68	59	283	6318.737	ug/l #	1
12) 1,1-Dichloroethene	1.86	96	966	1120.139	ug/l #	1
13) Acrolein	2.18	56	297	6352.710	ug/l	94
14) Allyl chloride	2.20	41	156	199.868	ug/l #	66
15) Acrylonitrile	3.09	53	367	2904.917	ug/l #	31
16) Acetone	2.36	43	581	3301.240	ug/l #	47
17) Carbon Disulfide	1.94	76	765	299.283	ug/l #	1
18) Methyl Acetate	2.32	43	858	3102.359	ug/l	98
19) Methyl tert-butyl Ether	2.54	73	554	359.353	ug/l #	60
20) Methylene Chloride	2.36	84	701	794.639	ug/l #	56
21) trans-1,2-Dichloroethene	2.41	96	646	766.382	ug/l #	34
22) Diisopropyl ether	2.94	45	628	326.226	ug/l #	86
23) Vinyl Acetate	3.34	43	933	718.474	ug/l #	73
24) 1,1-Dichloroethane	2.99	63	429	303.778	ug/l #	14
25) 2-Butanone	4.37	43	391	1039.862	ug/l	97
26) 2,2-Dichloropropane	3.82	77	1161	1436.849	ug/l	97
27) cis-1,2-Dichloroethene	3.65	96	266	191.847	ug/l	16
28) Bromochloromethane	3.91	49	389	491.140	ug/l #	70
29) Tetrahydrofuran	4.28	42	1356	8911.745	ug/l #	43
30) Chloroform	4.16	83	584	297.849	ug/l	90
31) Cyclohexane	3.88	56	380	200.402	ug/l #	58
32) 1,1,1-Trichloroethane	4.28	97	206	158.199	ug/l #	16
36) 1,1-Dichloropropene	4.43	75	242	147.606	ug/l #	1
37) Ethyl Acetate	4.28	43	217	324.165	ug/l #	51
38) Carbon Tetrachloride	4.14	117	70	56.771	ug/l #	12

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.61	83	677	343.178	ug/l #	52
40) Benzene	4.79	78	1137	254.564	ug/l #	53
41) Methacrylonitrile	4.92	41	855	2436.213	ug/l #	59
42) 1,2-Dichloroethane	5.13	62	237	266.088	ug/l	71
43) Isopropyl Acetate	7.08	43	1723	1986.740	ug/l #	75
44) Trichloroethene	5.64	130	195	155.339	ug/l	86
45) 1,2-Dichloropropane	6.35	63	674	597.786	ug/l #	69
46) Dibromomethane	6.21	93	164	251.685	ug/l #	26
47) Bromodichloromethane	6.51	83	75	55.443	ug/l #	1
48) Methyl methacrylate	6.84	41	1153	2543.590	ug/l #	48
49) 1,4-Dioxane	6.81	88	229	39443.389	ug/l #	40
51) 4-Methyl-2-Pentanone	8.33	43	492	829.962	ug/l #	32
52) Toluene	7.78	92	146	62.329	ug/l	84
53) t-1,3-Dichloropropene	8.36	75	270	243.967	ug/l #	1
54) cis-1,3-Dichloropropene	7.42	75	191	123.289	ug/l #	1
55) 1,1,2-Trichloroethane	8.57	97	353	508.970	ug/l #	66
56) Ethyl methacrylate	8.72	69	925	1119.466	ug/l #	1
57) 1,3-Dichloropropane	8.95	76	246	208.239	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.43	63	384	1427.738	ug/l #	51
59) 2-Hexanone	9.68	43	633	1748.064	ug/l	78
60) Dibromochloromethane	8.82	129	187	206.875	ug/l	66
61) 1,2-Dibromoethane	9.05	107	154	209.051	ug/l #	3
64) Tetrachloroethene	8.32	164	268	352.382	ug/l #	24
65) Chlorobenzene	9.92	112	252	133.649	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	10.18	131	189	249.689	ug/l	78
67) Ethyl Benzene	9.89	91	345	105.325	ug/l	98
68) m/p-Xylenes	10.29	106	81	65.794	ug/l #	72
69) o-Xylene	10.81	106	72	56.780	ug/l	82
70) Styrene	10.86	104	514	266.686	ug/l #	61
71) Bromoform	10.86	173	63	166.181	ug/l #	27
73) Isopropylbenzene	11.25	105	60	9.199	ug/l #	45
74) N-amyl acetate	11.46	43	1461	980.871	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	11.76	83	258	193.565	ug/l #	8
76) 1,2,3-Trichloropropane	11.89	75	175	199.820	ug/l #	1
77) Bromobenzene	11.57	156	306	188.750	ug/l	92
78) n-propylbenzene	11.68	91	704	91.207	ug/l #	50
79) 2-Chlorotoluene	11.79	91	447	102.759	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.90	105	179	34.227	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.98	75	229	588.245	ug/l #	26
82) 4-Chlorotoluene	11.96	91	467	108.866	ug/l #	37
83) tert-Butylbenzene	12.19	119	196	36.941	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.21	105	302	59.664	ug/l	94
85) sec-Butylbenzene	12.38	105	134	18.819	ug/l #	54
86) p-Isopropyltoluene	12.49	119	454	75.656	ug/l #	53
87) 1,3-Dichlorobenzene	12.59	146	70	23.866	ug/l #	4
88) 1,4-Dichlorobenzene	12.64	146	141	51.227	ug/l #	24
89) n-Butylbenzene	12.93	91	490	82.818	ug/l #	57
90) Hexachloroethane	12.93	117	338	234.799	ug/l	98
91) 1,2-Dichlorobenzene	12.99	146	150	57.372	ug/l #	33
92) 1,2-Dibromo-3-Chloropropan	13.70	75	63	396.206	ug/l #	24

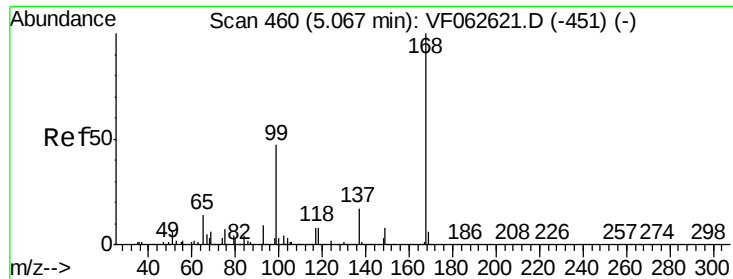
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051719\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.15	180	59	31.526	ug/l #	11
94) Hexachlorobutadiene	14.25	225	68	52.066	ug/l #	16
95) Naphthalene	14.52	128	379	111.473	ug/l #	29
96) 1,2,3-Trichlorobenzene	14.65	180	72	40.617	ug/l #	11

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

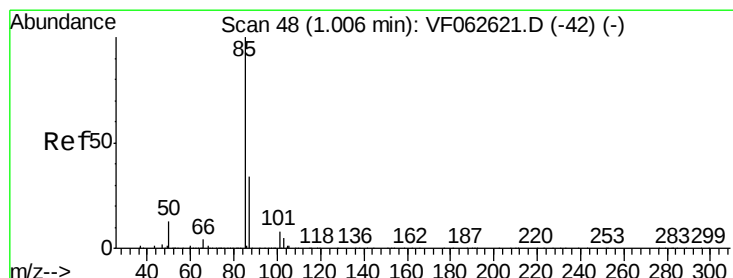
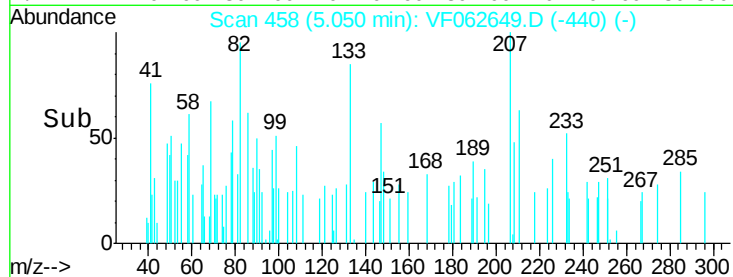
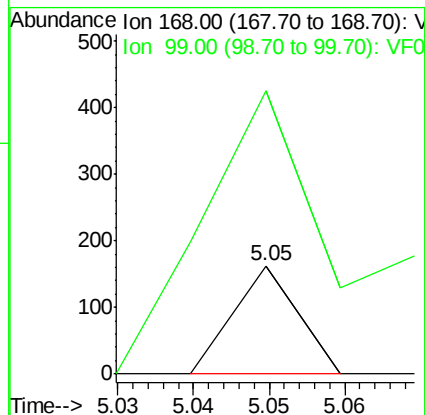
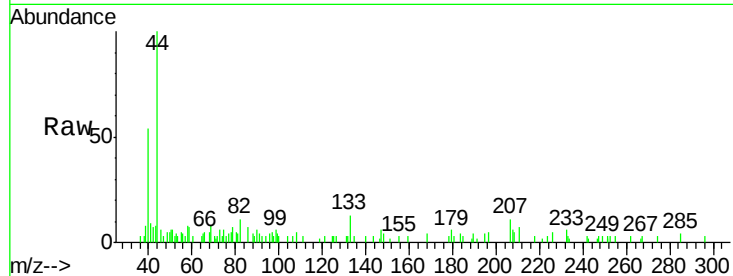


#1

Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.05 min Scan# 458
Delta R.T. -0.02 min
Lab File: VF062649.D
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Instrument :
MSVOA_F
ClientSampleId :
SB-02-9-10

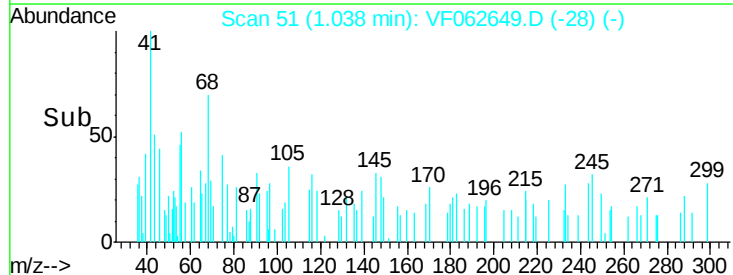
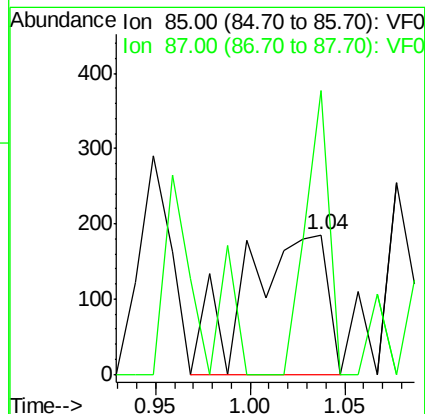
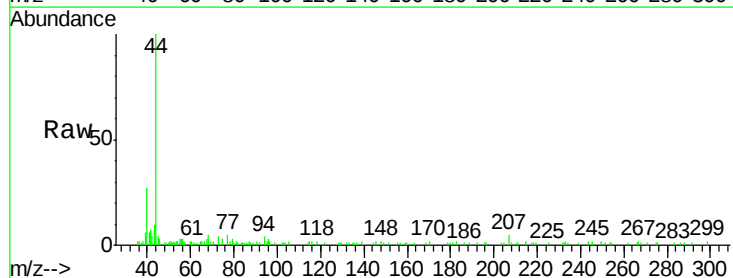
Tot Ion:168 Resp: 96
Ion Ratio Lower Upper
168 100
99 262.3 37.8 56.8#

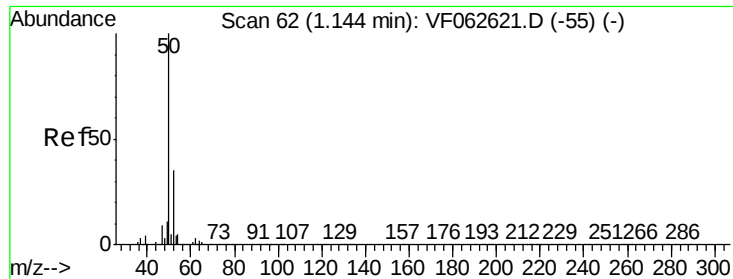


#2

Dichlorodifluoromethane
Concen: 427.123 ug/l
RT: 1.04 min Scan# 51
Delta R.T. 0.03 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

Tgt Ion: 85 Resp: 558
Ion Ratio Lower Upper
85 100
87 203.8 16.8 50.3#





#3

Chloromethane

Concen: 304.258 ug/l

RT: 1.25 min Scan# 73

Delta R.T. 0.11 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

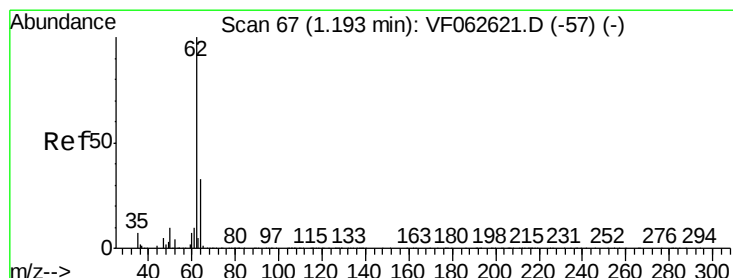
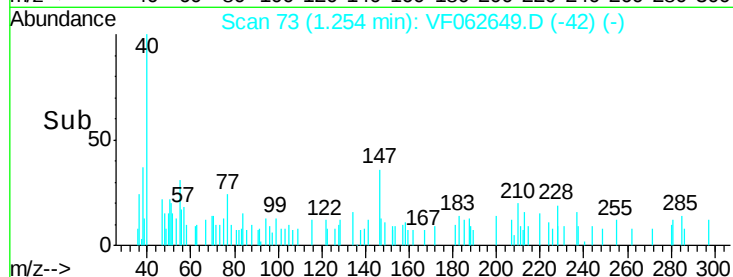
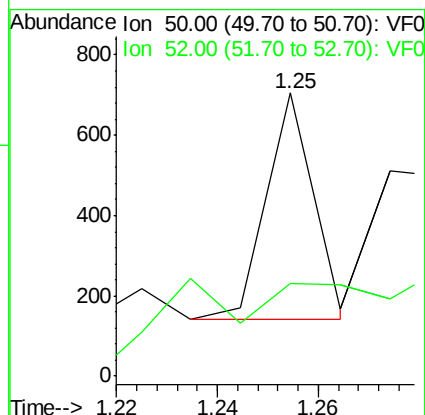
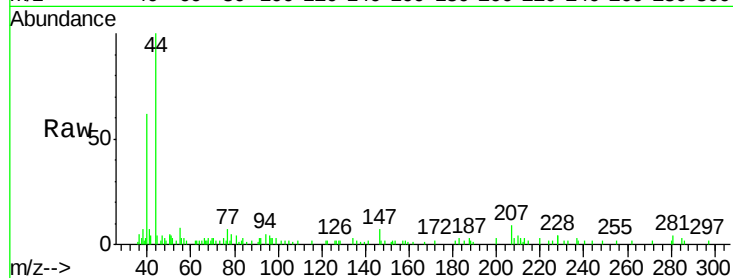
SB-02-9-10

Tot Ion: 50 Resp: 366

Ion Ratio Lower Upper

50 100

52 32.9 27.5 41.3



#4

Vinyl Chloride

Concen: 186.944 ug/l

RT: 1.19 min Scan# 66

Delta R.T. -0.01 min

Lab File: VF062649.D

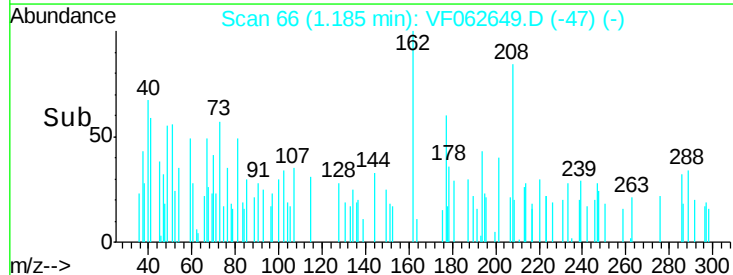
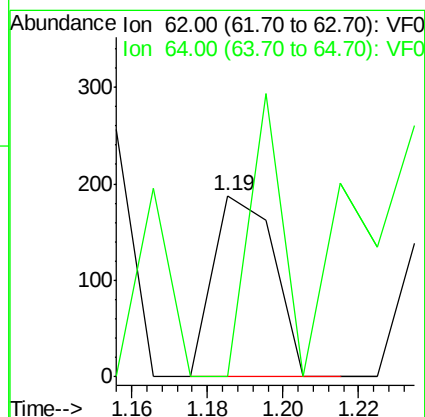
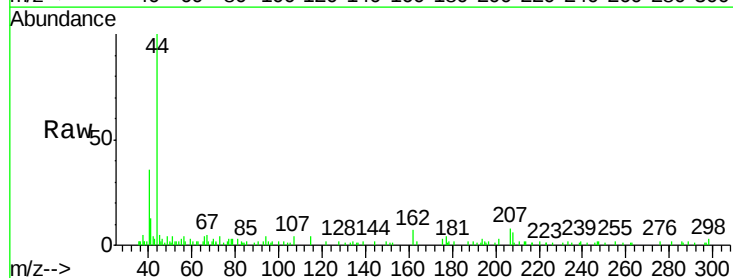
Acq: 17 May 2019 20:15

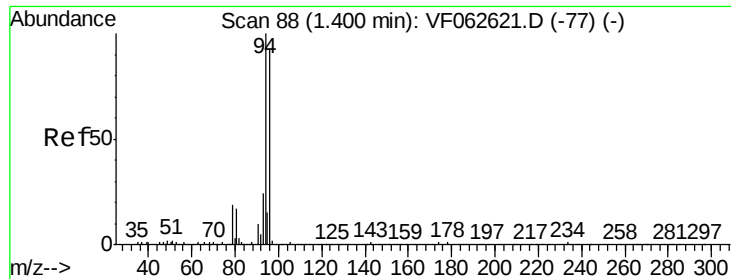
Tgt Ion: 62 Resp: 207

Ion Ratio Lower Upper

62 100

64 0.0 26.7 40.1#





#5

Bromomethane

Concen: 493.600 ug/l

RT: 1.46 min Scan# 94

Delta R.T. 0.06 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

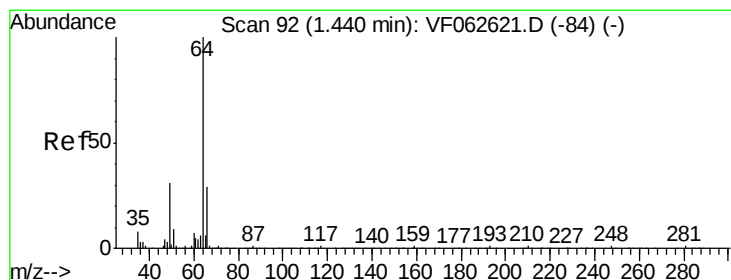
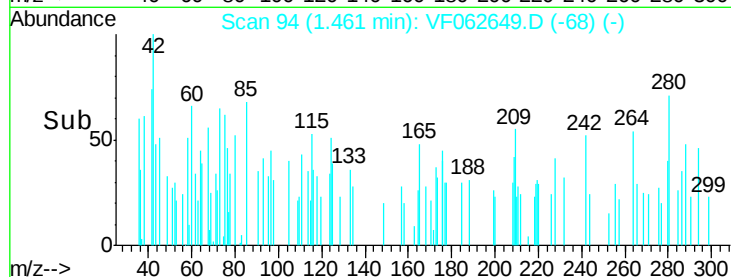
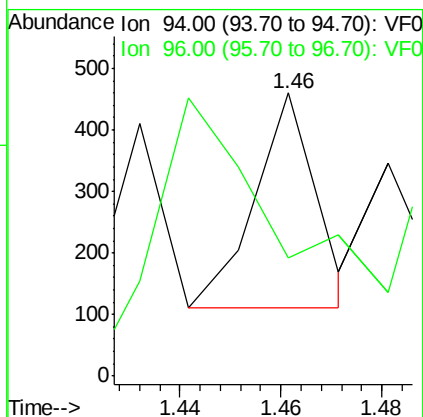
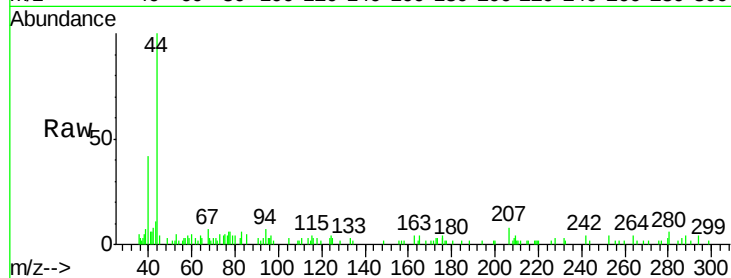
SB-02-9-10

Tot Ion: 94 Resp: 299

Ion Ratio Lower Upper

94 100

96 90.9 73.2 109.8



#6

Chloroethane

Concen: 914.753 ug/l

RT: 1.26 min Scan# 74

Delta R.T. -0.18 min

Lab File: VF062649.D

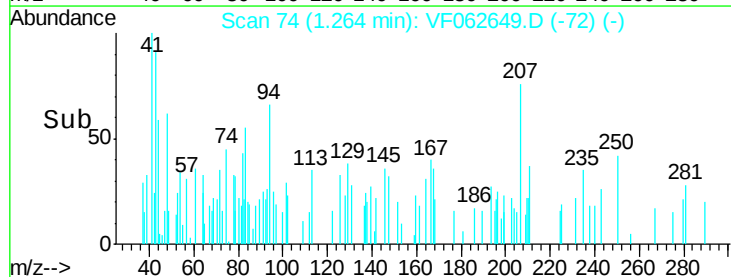
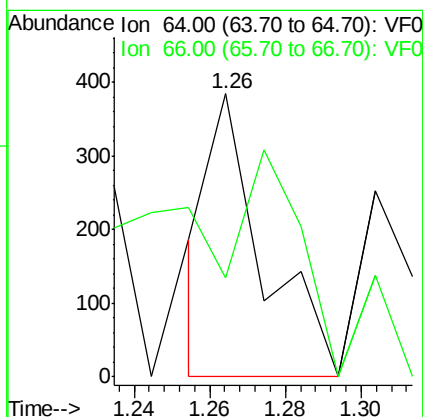
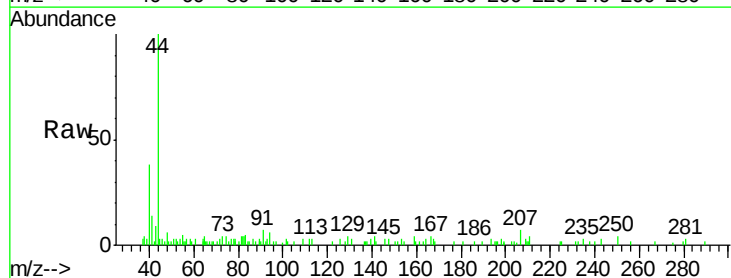
Acq: 17 May 2019 20:15

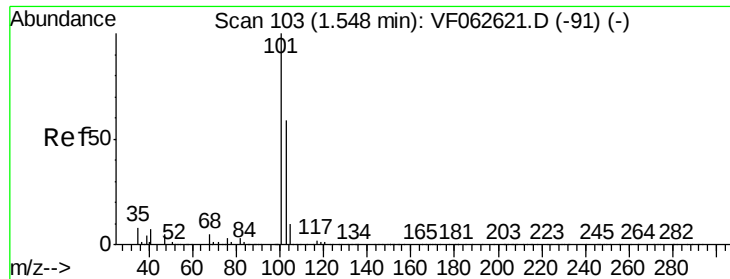
Tgt Ion: 64 Resp: 372

Ion Ratio Lower Upper

64 100

66 34.9 23.4 35.2



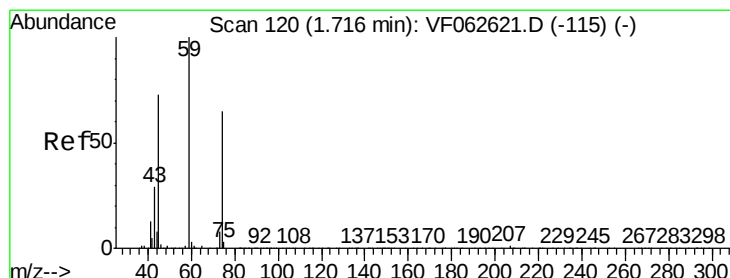
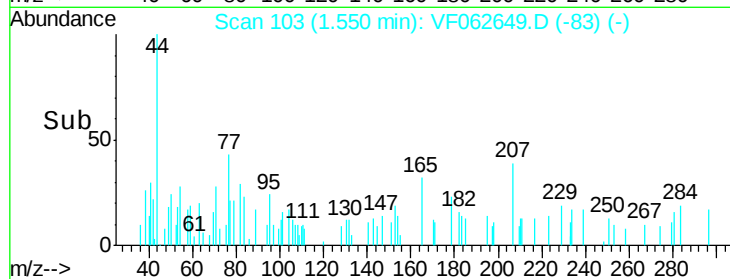
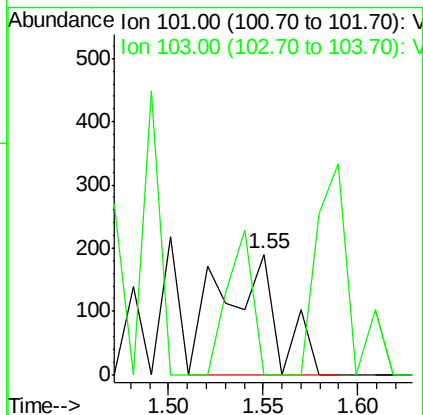
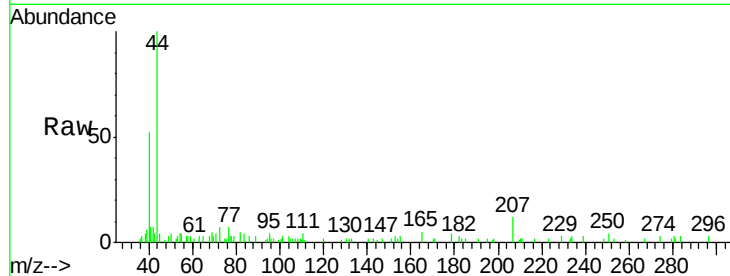


#7

Trichlorofluoromethane
Concen: 270.386 ug/l
RT: 1.55 min Scan# 103
Delta R.T. 0.00 min
Lab File: VF062649.D
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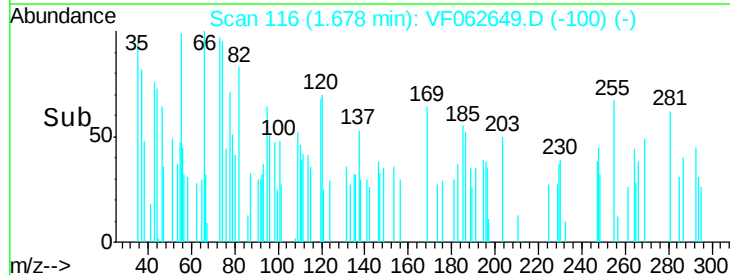
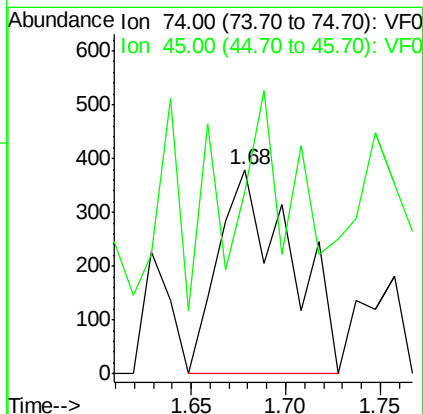
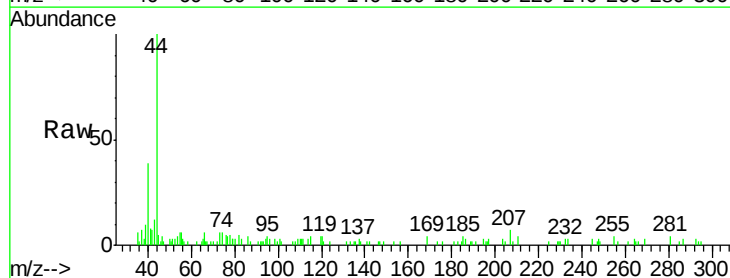
Tot Ion:101 Resp: 402
Ion Ratio Lower Upper
101 100
103 0.0 47.3 70.9#

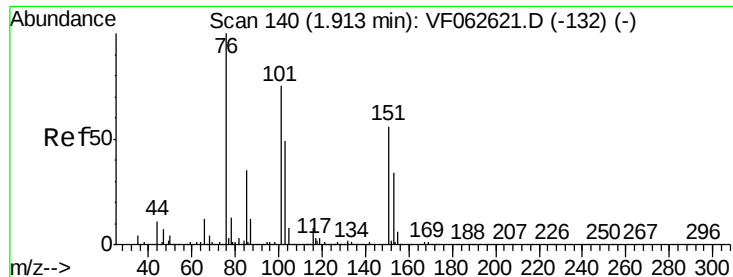


#8

Diethyl Ether
Concen: 3381.569 ug/l
RT: 1.68 min Scan# 116
Delta R.T. -0.04 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

Tgt Ion: 74 Resp: 996
Ion Ratio Lower Upper
74 100
45 89.2 57.0 170.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 358.084 ug/l

RT: 1.91 min Scan# 139

Delta R.T. -0.01 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

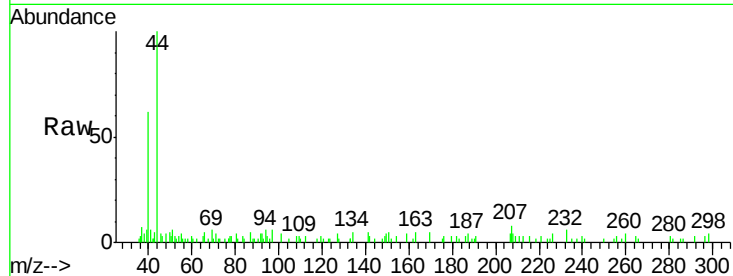
Tot Ion:101 Resp: 339

Ion Ratio Lower Upper

101 100

85 0.0 37.1 55.7#

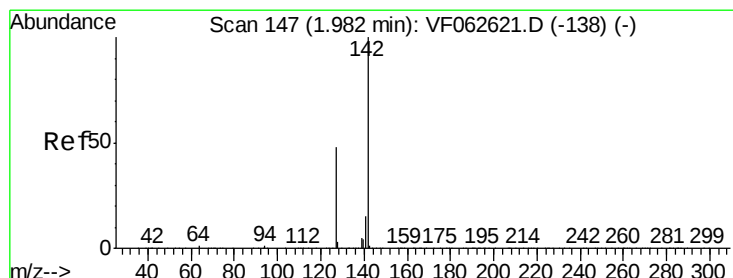
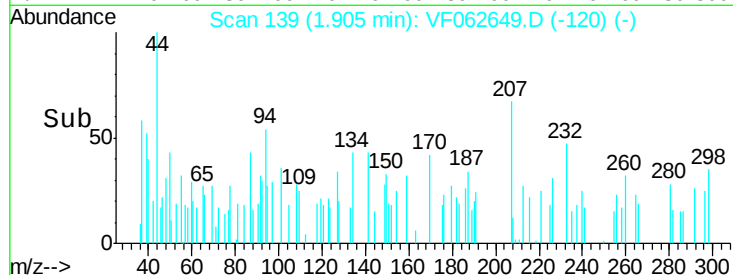
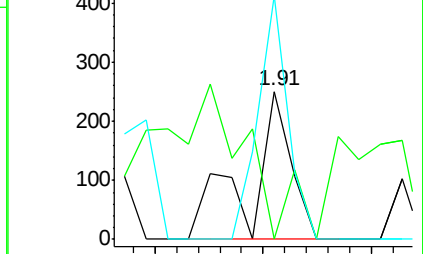
151 164.1 58.8 88.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 288.217 ug/l

RT: 1.98 min Scan# 147

Delta R.T. 0.00 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

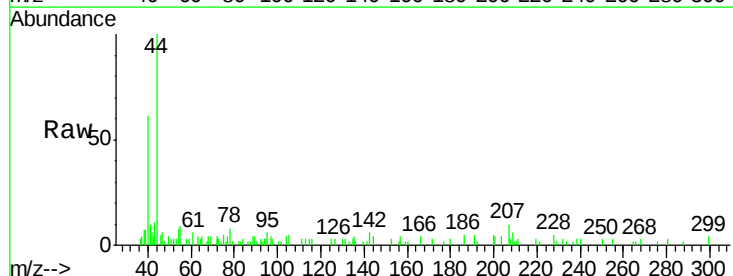
Tgt Ion:142 Resp: 536

Ion Ratio Lower Upper

142 100

127 0.0 38.1 57.1#

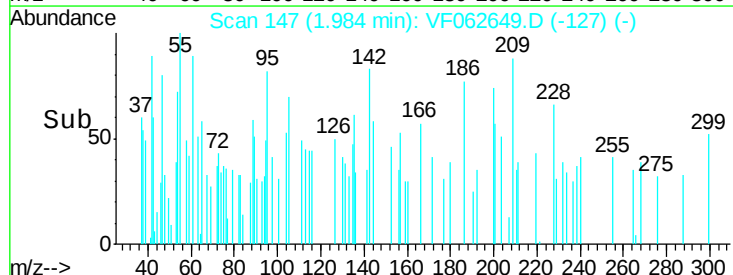
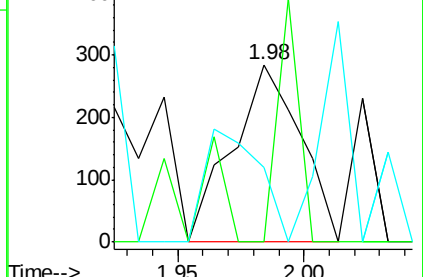
141 42.3 11.7 17.5#

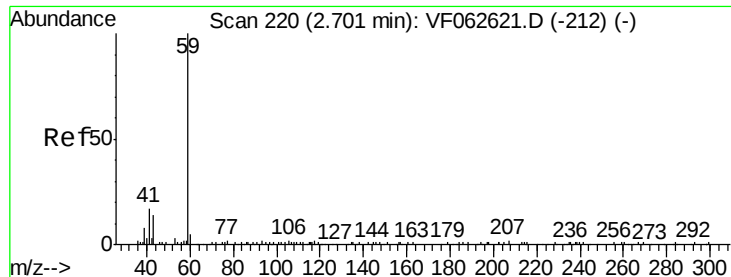


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



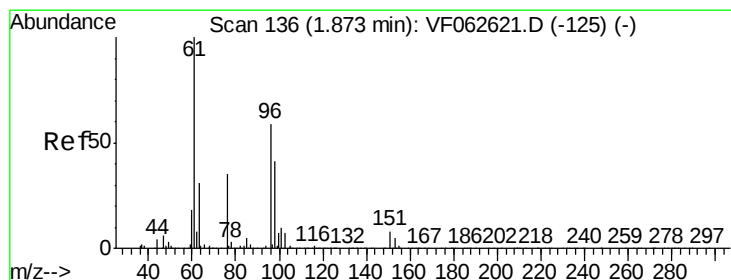
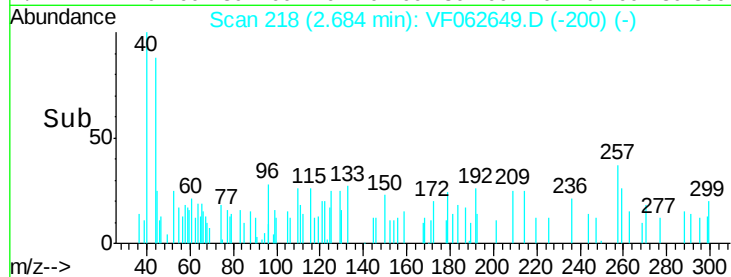
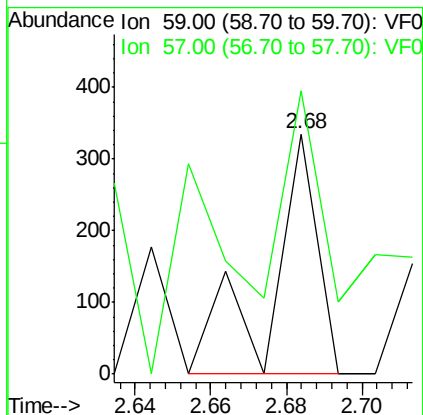
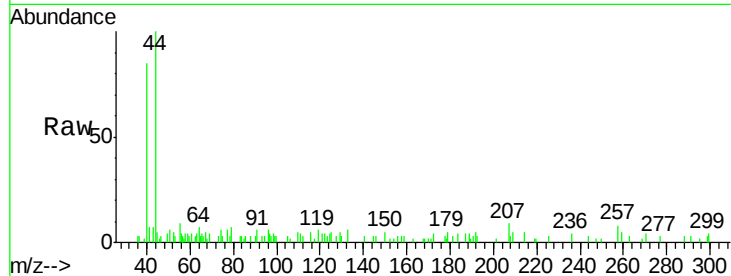


#11

Tert butyl alcohol
 Concen: 6318.737 ug/l
 RT: 2.68 min Scan# 218
 Delta R.T. -0.02 min
 Lab File: VF062649.D
 Acq: 17 May 2019 20:15

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

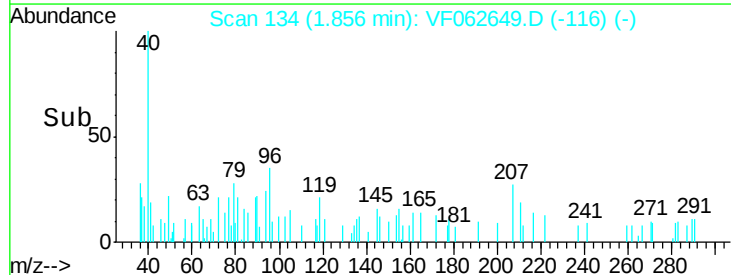
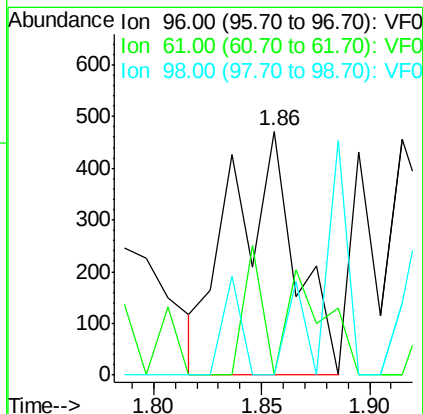
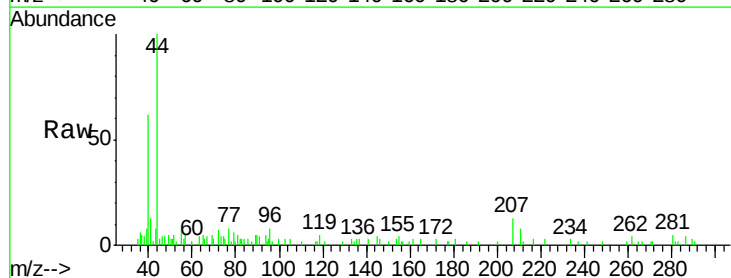
Tot Ion: 59 Resp: 283
 Ion Ratio Lower Upper
 59 100
 57 117.9 9.3 13.9#

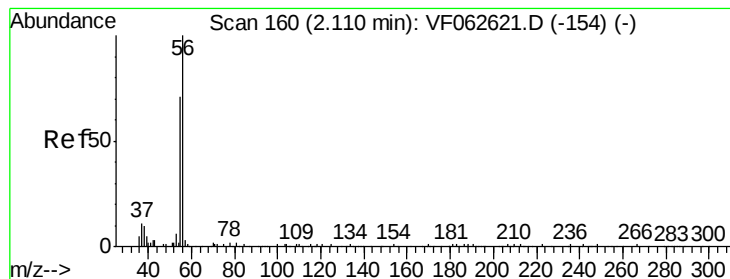


#12

1,1-Dichloroethene
 Concen: 1120.139 ug/l
 RT: 1.86 min Scan# 134
 Delta R.T. -0.02 min
 Lab File: VF062649.D
 Acq: 17 May 2019 20:15

Tgt Ion: 96 Resp: 966
 Ion Ratio Lower Upper
 96 100
 61 0.0 134.3 201.5#
 98 0.0 55.0 82.6#





#13

Acrolein

Concen: 6352.710 ug/l

RT: 2.18 min Scan# 167

Delta R.T. 0.07 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

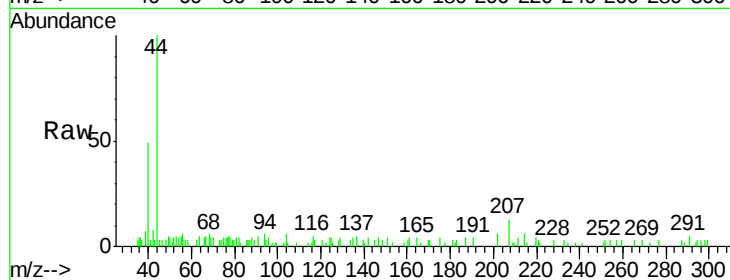
SB-02-9-10

Tot Ion: 56 Resp: 297

Ion Ratio Lower Upper

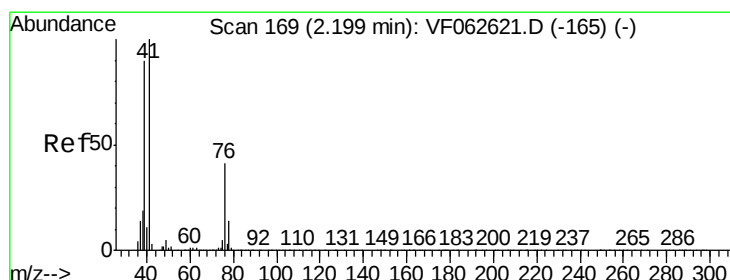
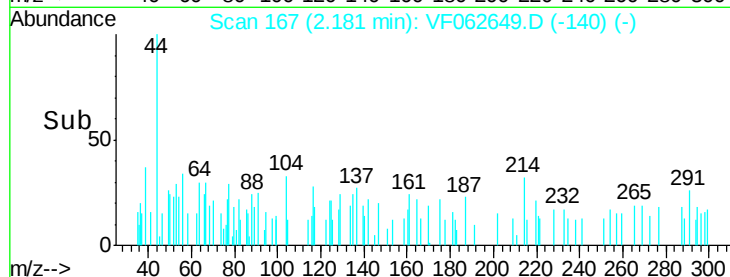
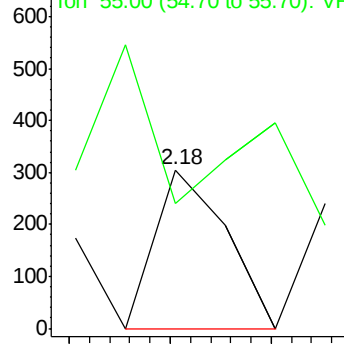
56 100

55 79.0 59.4 89.0



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 199.868 ug/l

RT: 2.20 min Scan# 169

Delta R.T. 0.00 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

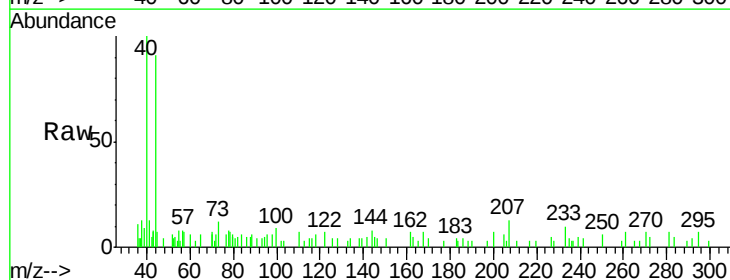
Tgt Ion: 41 Resp: 156

Ion Ratio Lower Upper

41 100

39 72.6 72.0 108.0

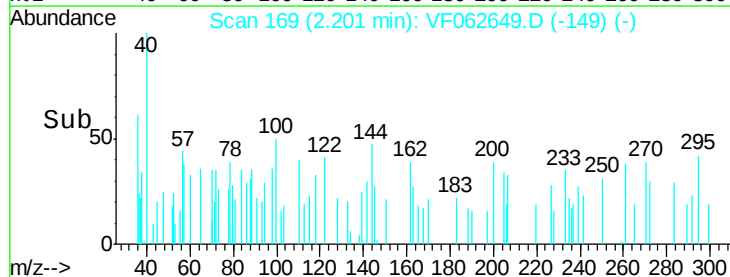
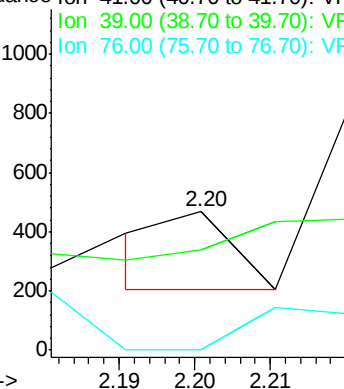
76 0.0 34.8 52.2#

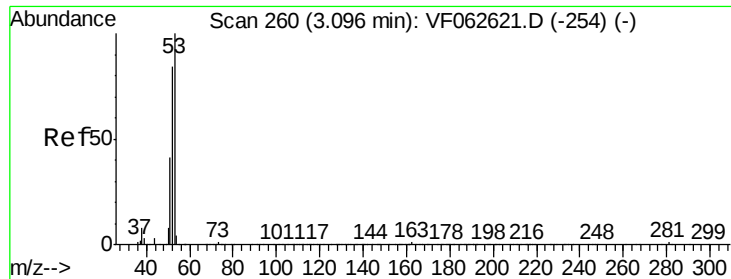


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 2904.917 ug/l

RT: 3.09 min Scan# 259

Delta R.T. -0.01 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

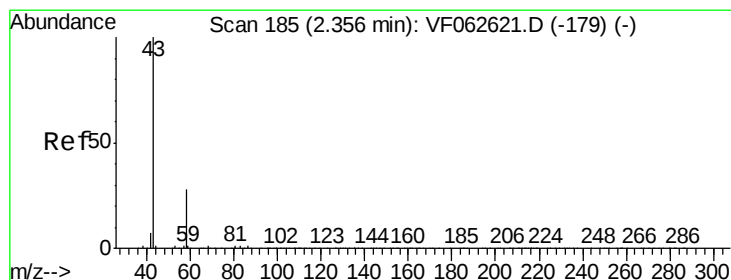
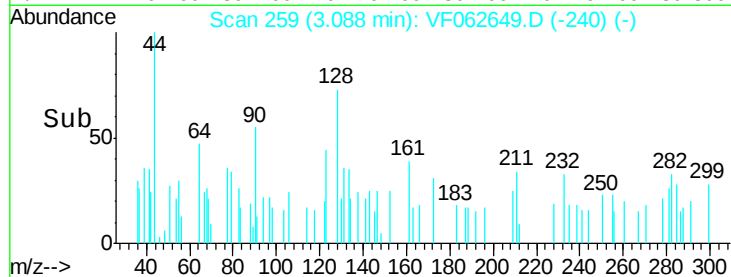
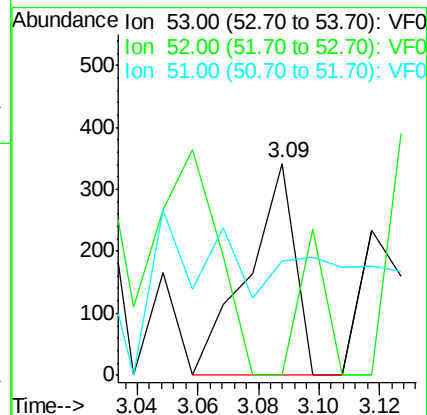
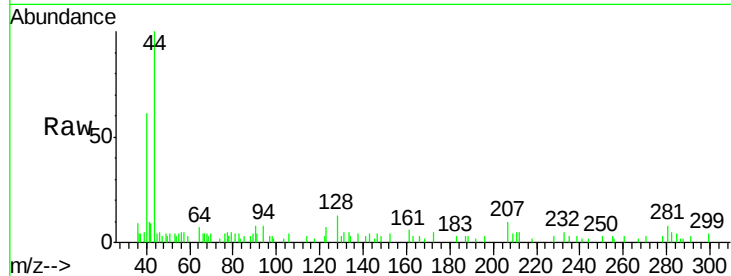
Tot Ion: 53 Resp: 367

Ion Ratio Lower Upper

53 100

52 0.0 67.3 100.9#

51 53.8 33.0 49.6#



#16

Acetone

Concen: 3301.240 ug/l

RT: 2.36 min Scan# 185

Delta R.T. 0.00 min

Lab File: VF062649.D

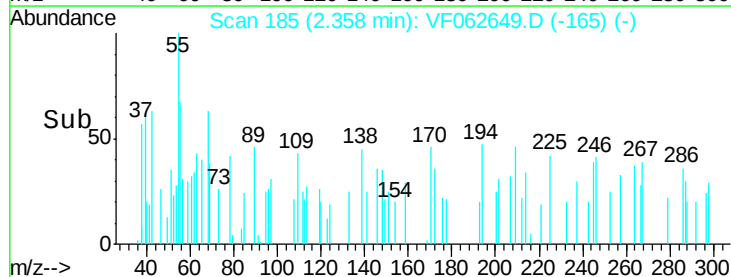
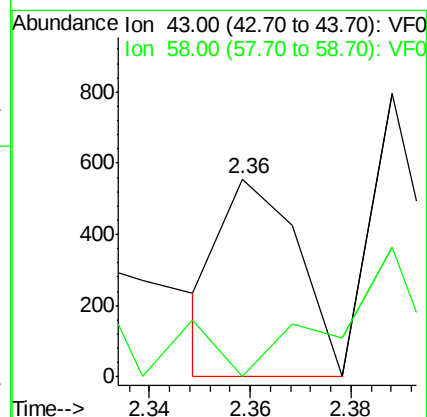
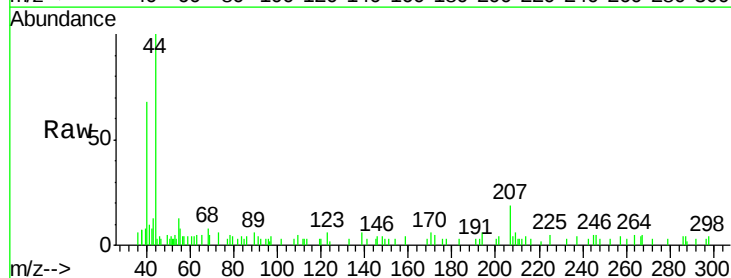
Acq: 17 May 2019 20:15

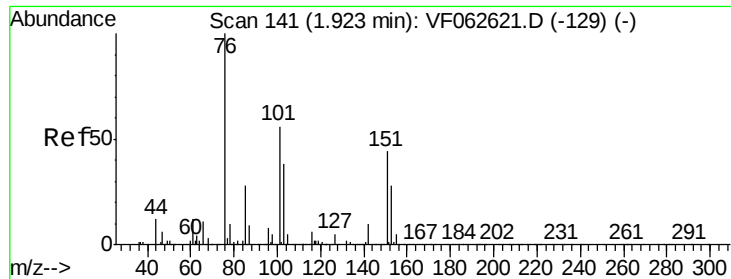
Tgt Ion: 43 Resp: 581

Ion Ratio Lower Upper

43 100

58 0.0 22.6 33.8#





#17

Carbon Disulfide

Concen: 299.283 ug/l

RT: 1.94 min Scan# 143

Delta R.T. 0.02 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

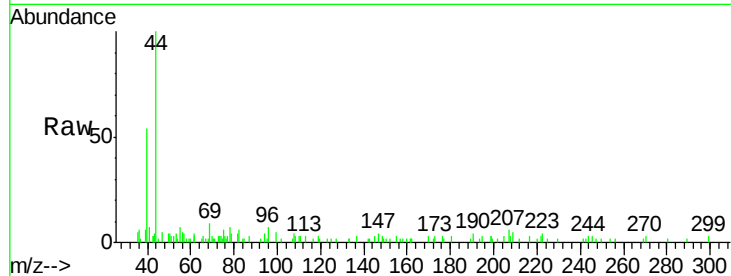
SB-02-9-10

Tot Ion: 76 Resp: 765

Ion Ratio Lower Upper

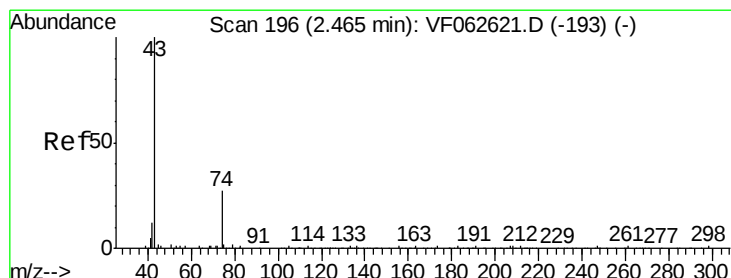
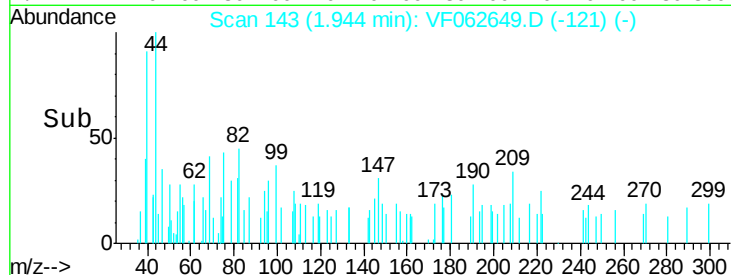
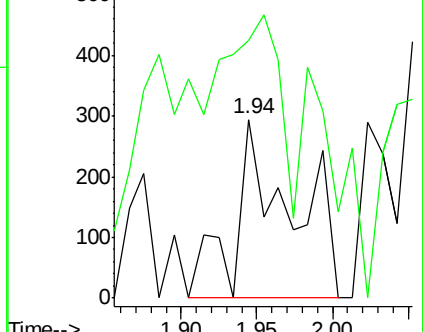
76 100

78 144.4 8.4 12.6#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#18

Methyl Acetate

Concen: 3102.359 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.15 min

Lab File: VF062649.D

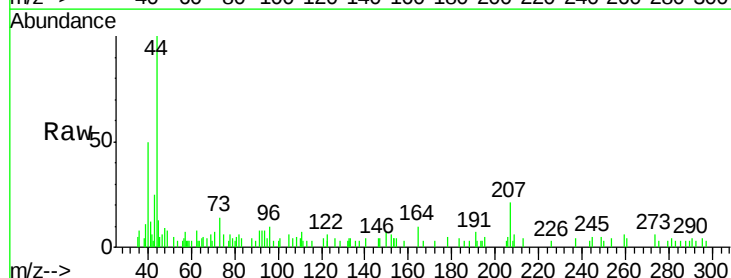
Acq: 17 May 2019 20:15

Tgt Ion: 43 Resp: 858

Ion Ratio Lower Upper

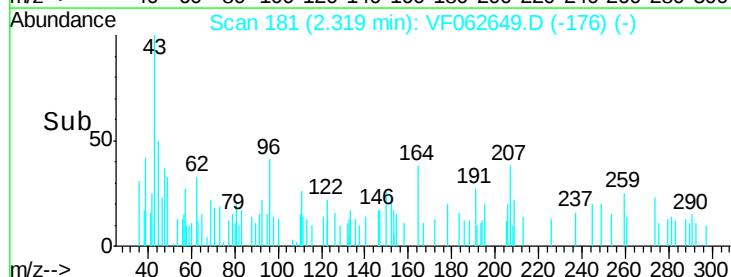
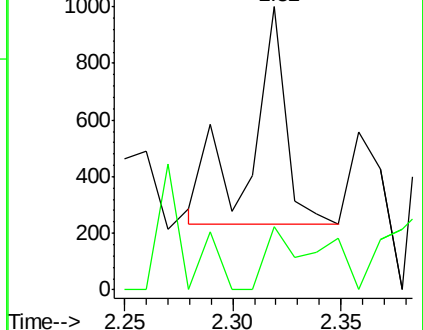
43 100

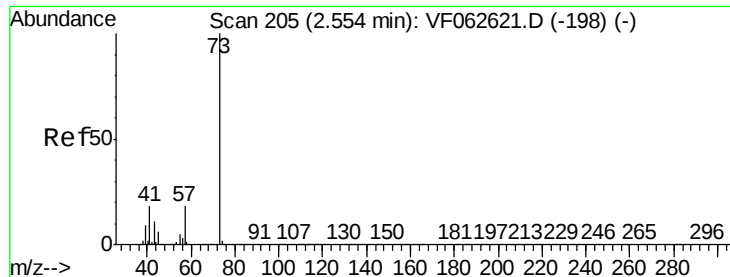
74 22.5 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0



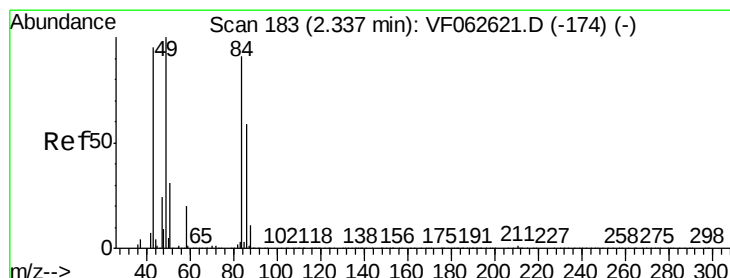
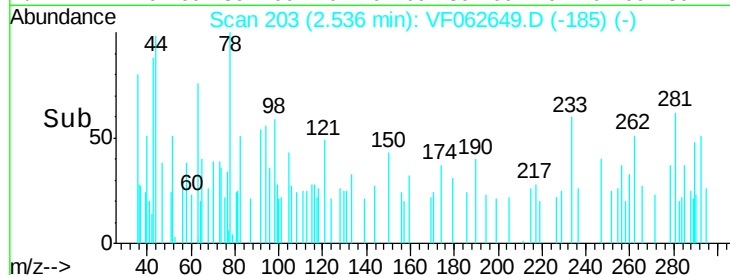
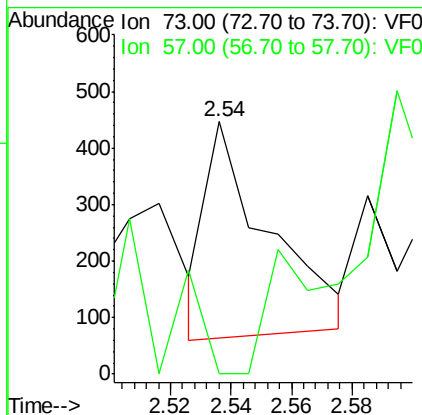
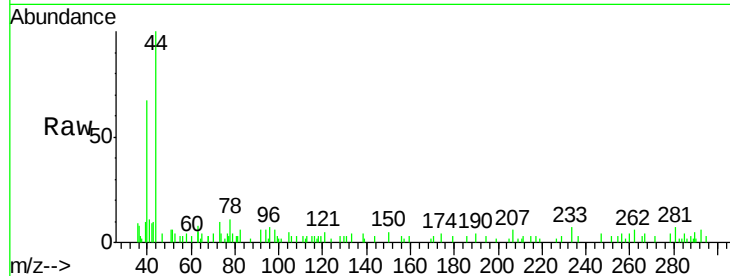


#19

Methyl tert-butyl Ether
 Concen: 359.353 ug/l
 RT: 2.54 min Scan# 203
 Delta R.T. -0.02 min
 Lab File: VF062649.D
 Acq: 17 May 2019 20:15

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

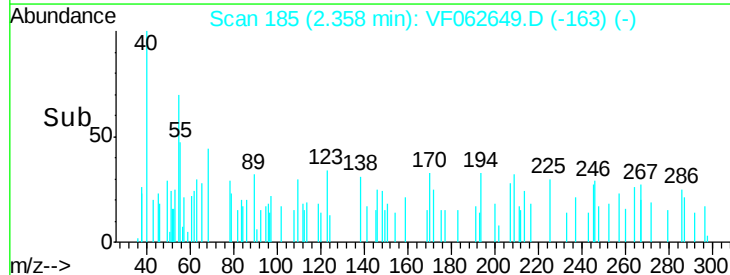
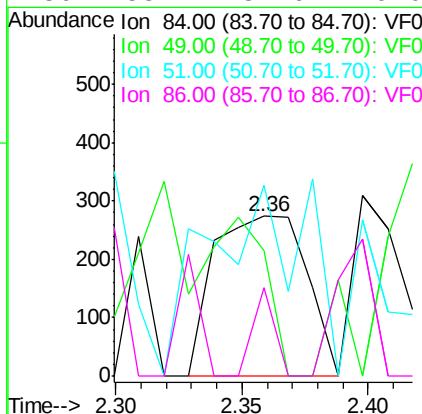
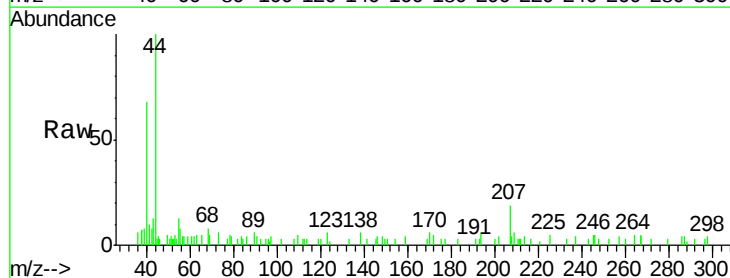
Tot Ion: 73 Resp: 554
 Ion Ratio Lower Upper
 73 100
 57 0.0 14.2 21.4#

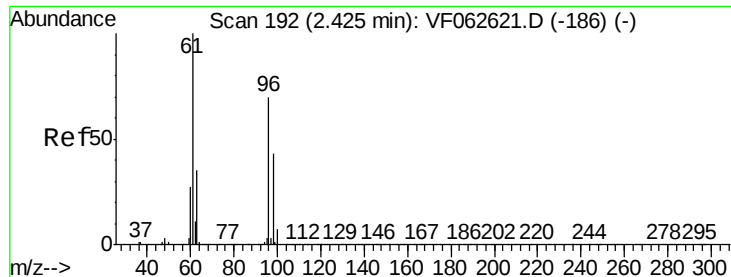


#20

Methylene Chloride
 Concen: 794.639 ug/l
 RT: 2.36 min Scan# 185
 Delta R.T. 0.02 min
 Lab File: VF062649.D
 Acq: 17 May 2019 20:15

Tgt Ion: 84 Resp: 701
 Ion Ratio Lower Upper
 84 100
 49 78.8 89.8 134.8#
 51 119.3 28.4 42.6#
 86 55.1 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 766.382 ug/l

RT: 2.41 min Scan# 190

Delta R.T. -0.02 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

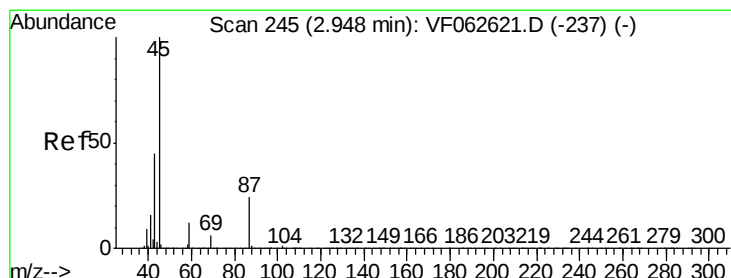
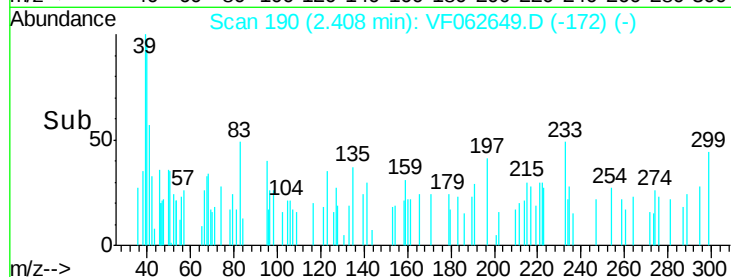
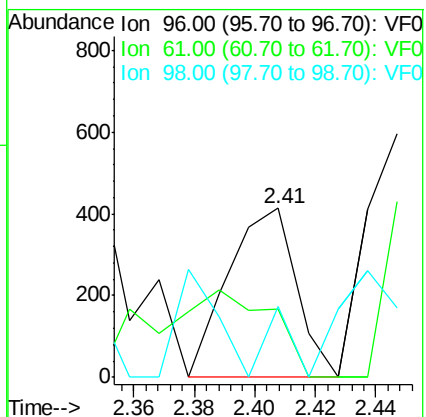
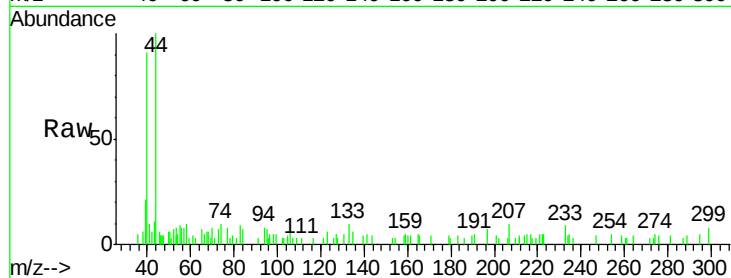
Tot Ion: 96 Resp: 646

Ion Ratio Lower Upper

96 100

61 40.4 114.6 171.8#

98 41.9 49.5 74.3#



#22

Diisopropyl ether

Concen: 326.226 ug/l

RT: 2.94 min Scan# 244

Delta R.T. -0.01 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Tgt Ion: 45 Resp: 628

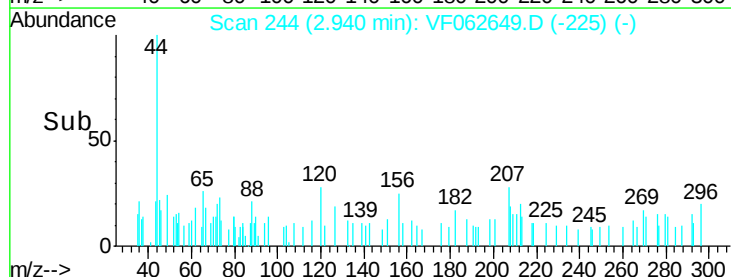
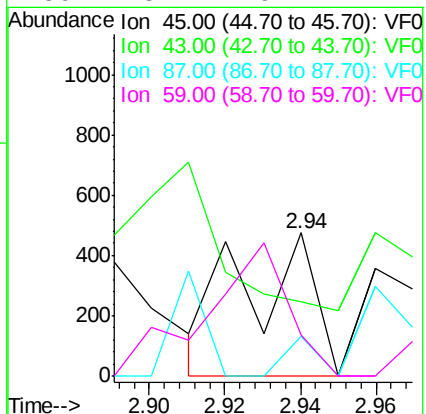
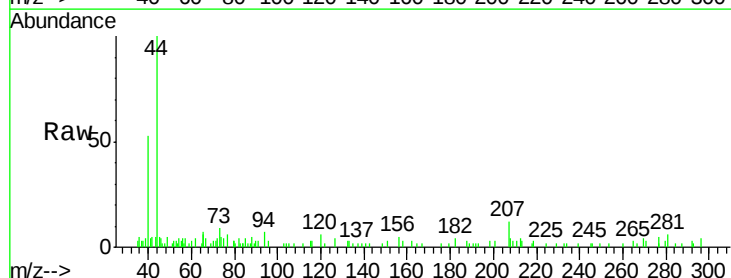
Ion Ratio Lower Upper

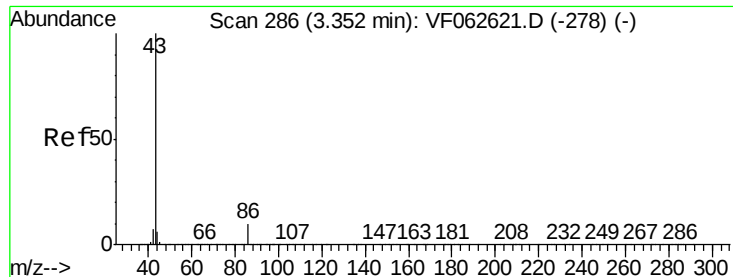
45 100

43 52.1 36.4 54.6

87 27.4 19.3 28.9

59 28.7 9.4 14.2#





#23

Vinyl Acetate

Concen: 718.474 ug/l

RT: 3.34 min Scan# 285

Delta R.T. -0.01 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampled :

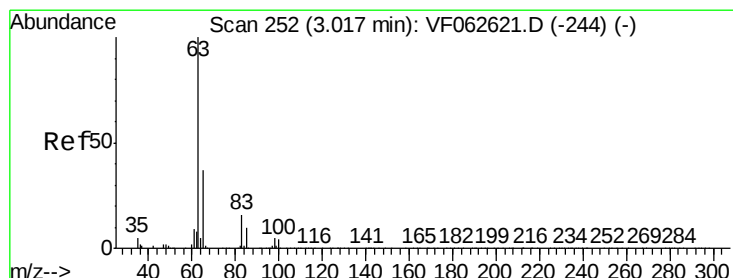
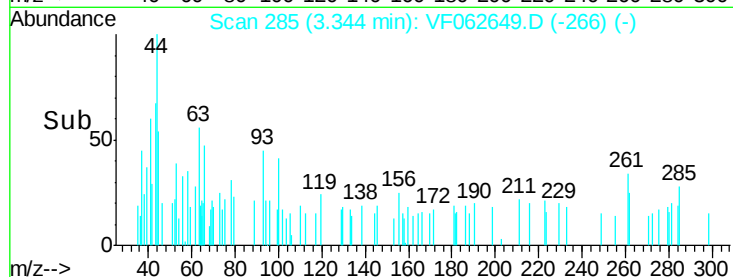
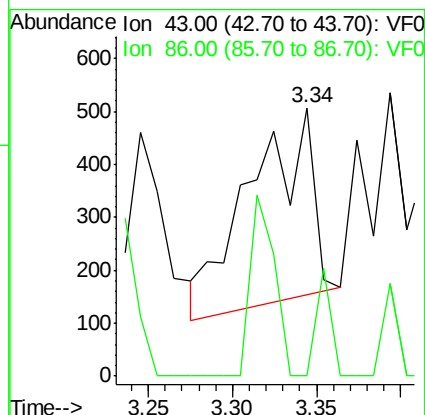
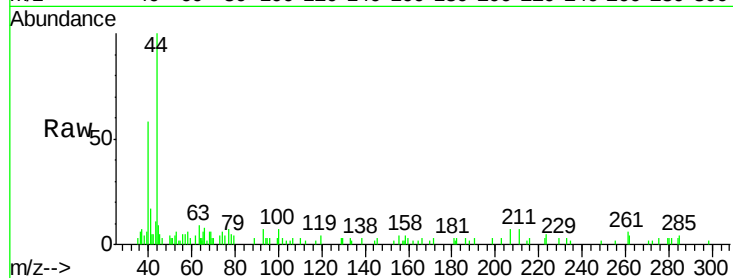
SB-02-9-10

Tot Ion: 43 Resp: 933

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.2#



#24

1,1-Dichloroethane

Concen: 303.778 ug/l

RT: 2.99 min Scan# 249

Delta R.T. -0.03 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

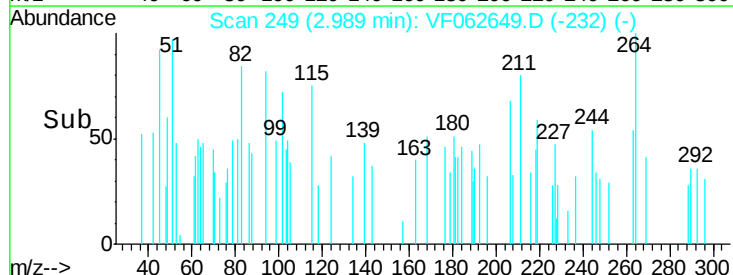
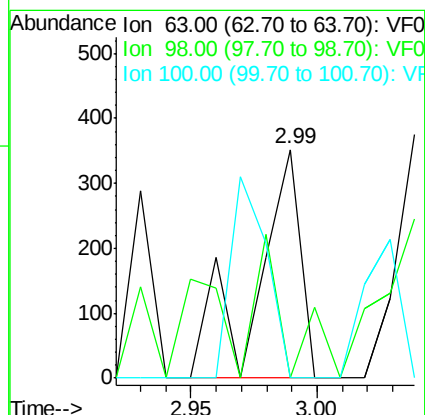
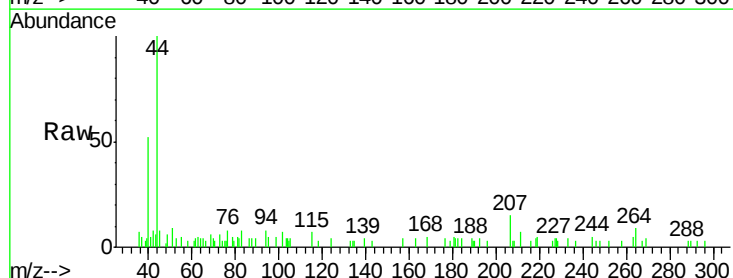
Tgt Ion: 63 Resp: 429

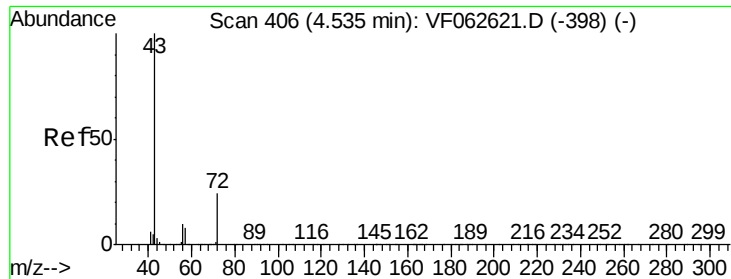
Ion Ratio Lower Upper

63 100

98 51.4 2.8 8.3#

100 0.0 1.9 5.7#





#25

2-Butanone

Concen: 1039.862 ug/l

RT: 4.37 min Scan# 389

Delta R.T. -0.17 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

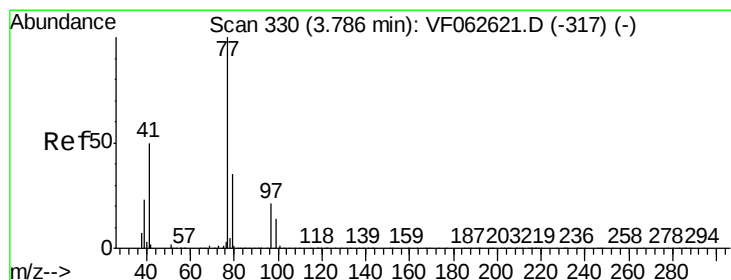
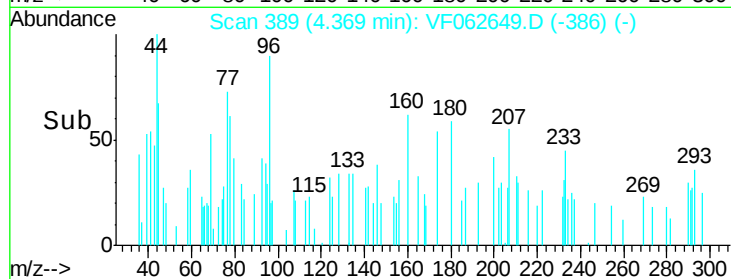
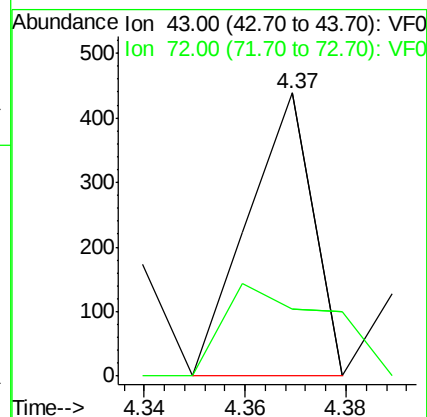
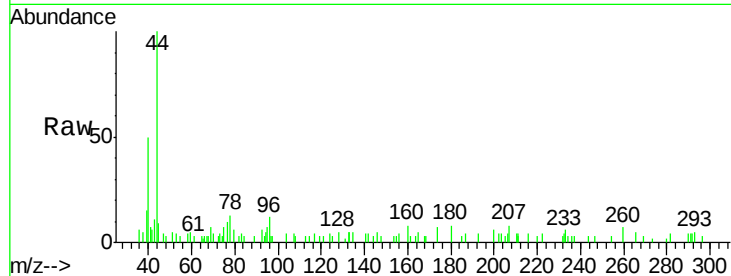
SB-02-9-10

Tot Ion: 43 Resp: 391

Ion Ratio Lower Upper

43 100

72 23.7 20.1 30.1



#26

2,2-Dichloropropane

Concen: 1436.849 ug/l

RT: 3.82 min Scan# 333

Delta R.T. 0.03 min

Lab File: VF062649.D

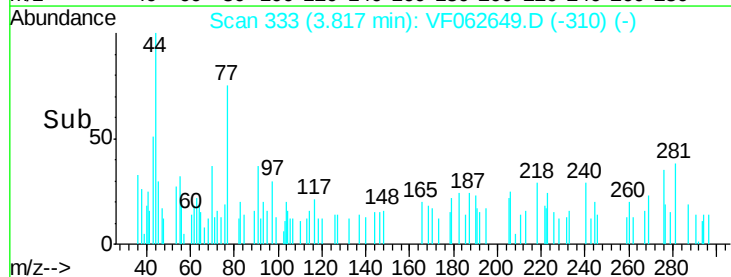
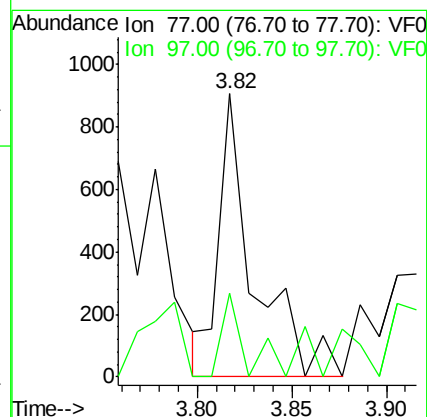
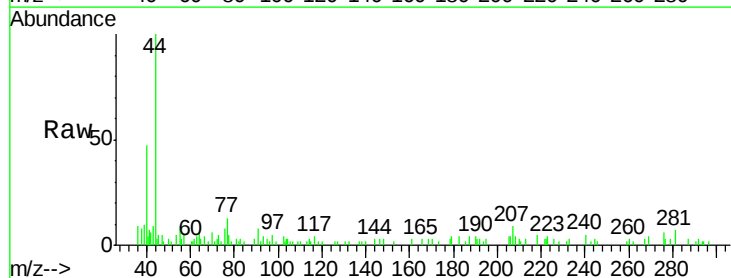
Acq: 17 May 2019 20:15

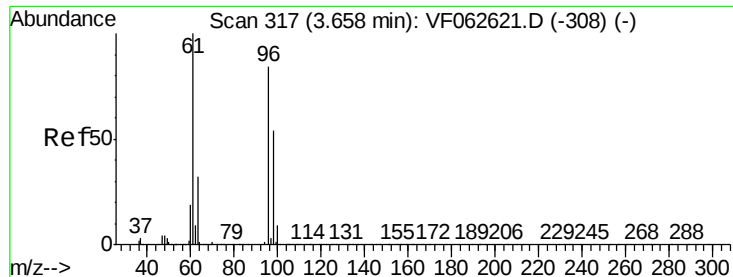
Tgt Ion: 77 Resp: 1161

Ion Ratio Lower Upper

77 100

97 29.8 14.1 42.4



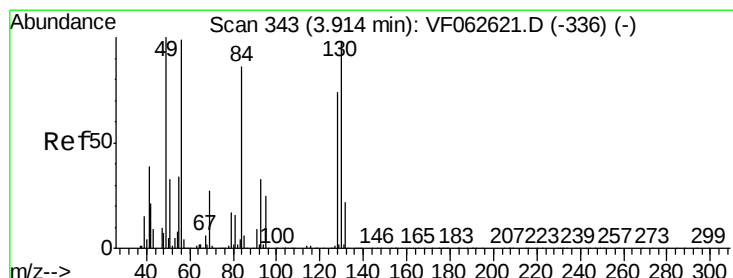
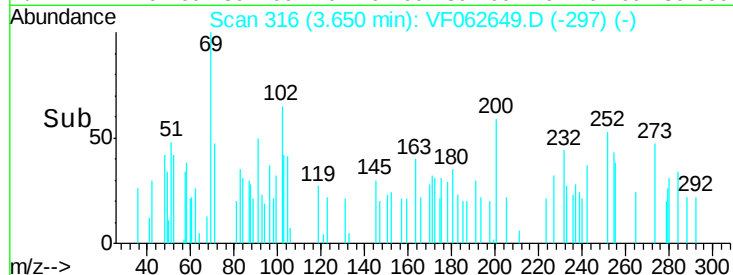
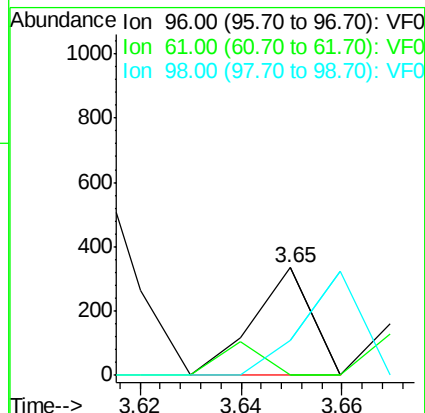
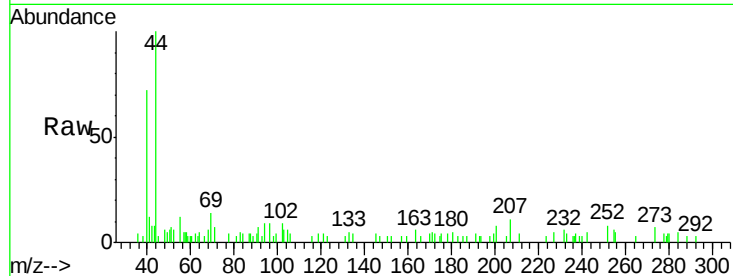


#27

cis-1,2-Dichloroethene
Concen: 191.847 ug/l
RT: 3.65 min Scan# 316
Delta R.T. -0.01 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

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

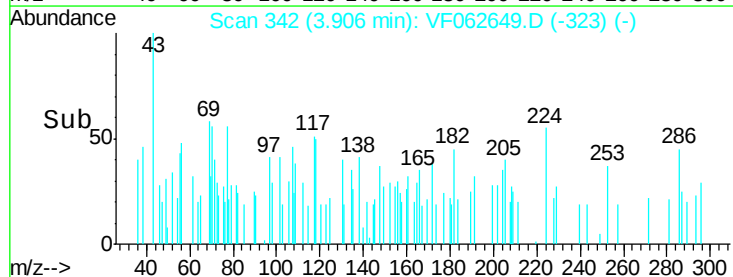
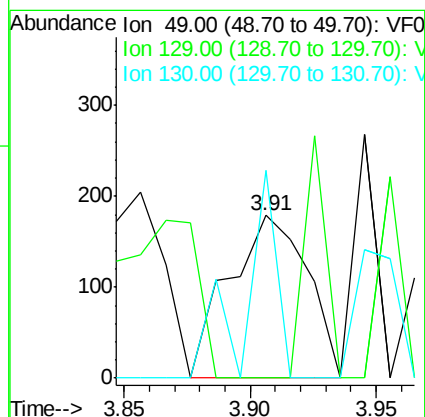
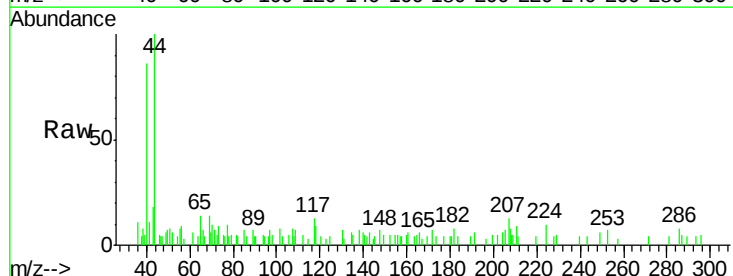
Tot Ion: 96 Resp: 266
Ion Ratio Lower Upper
96 100
61 0.0 0.0 237.4
98 32.5 0.0 129.0

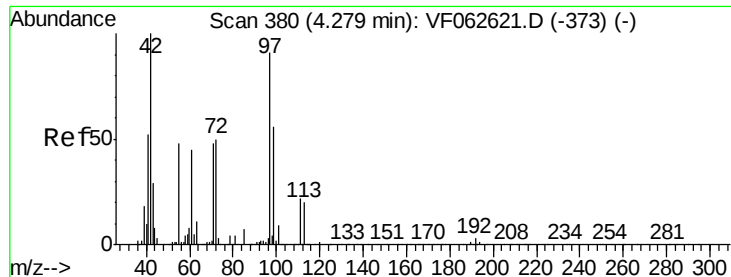


#28

Bromochloromethane
Concen: 491.140 ug/l
RT: 3.91 min Scan# 342
Delta R.T. -0.01 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

Tgt Ion: 49 Resp: 389
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 127.4 77.8 116.8#

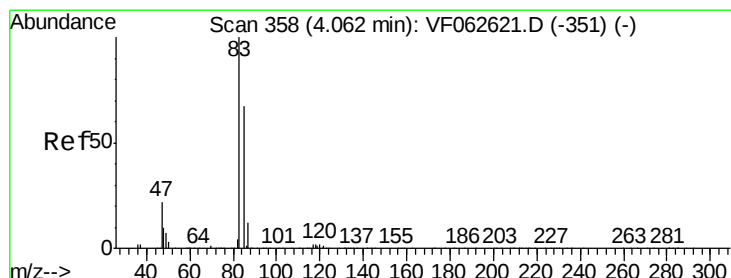
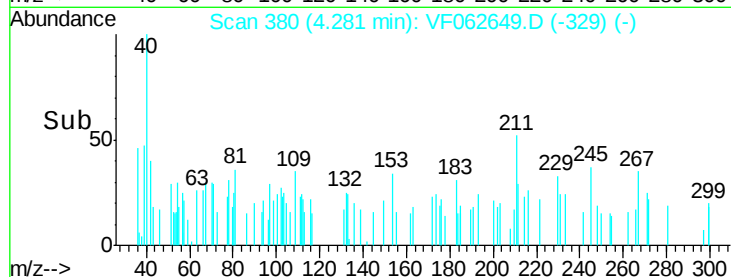
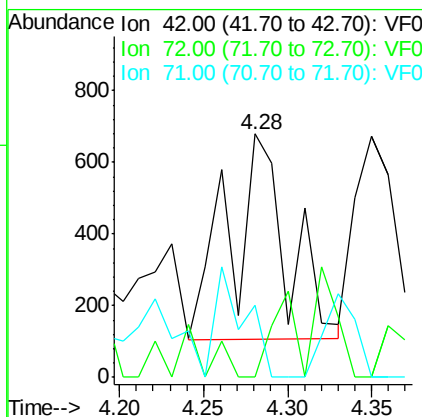
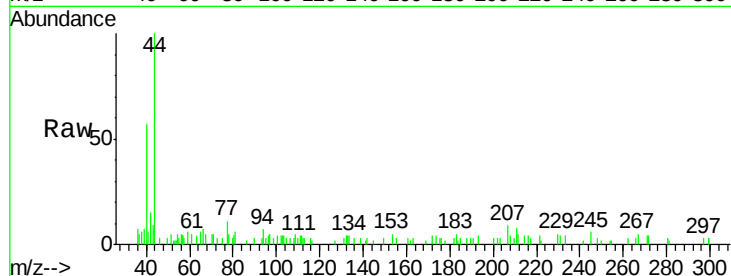




#29
Tetrahydrofuran
Concen: 8911.745 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.00 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

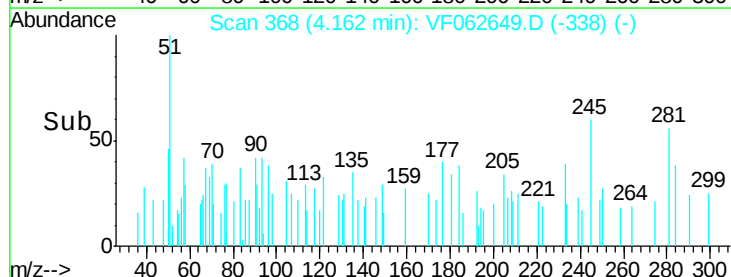
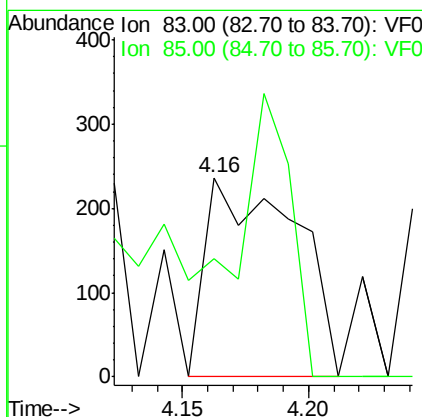
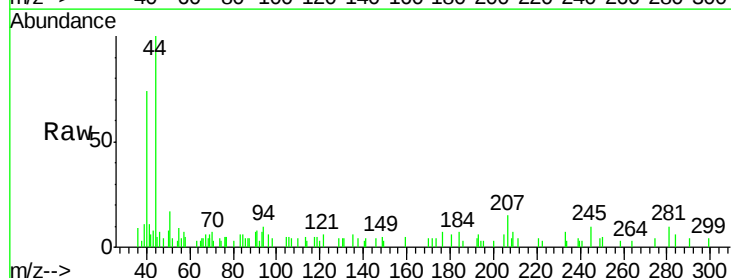
Instrument :
MSVOA_F
ClientSampleId :
SB-02-9-10

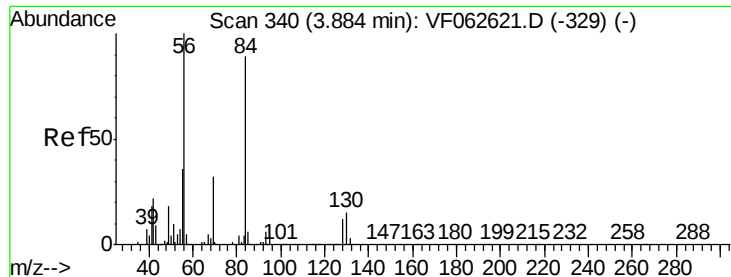
Tot Ion: 42 Resp: 1356
Ion Ratio Lower Upper
42 100
72 16.8 38.2 57.2#
71 0.0 35.8 53.6#



#30
Chloroform
Concen: 297.849 ug/l
RT: 4.16 min Scan# 368
Delta R.T. 0.10 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

Tgt Ion: 83 Resp: 584
Ion Ratio Lower Upper
83 100
85 59.3 53.6 80.4





#31

Cvclohexane

Concen: 200.402 ug/l

RT: 3.88 min Scan# 339

Delta R.T. -0.01 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampled :

SB-02-9-10

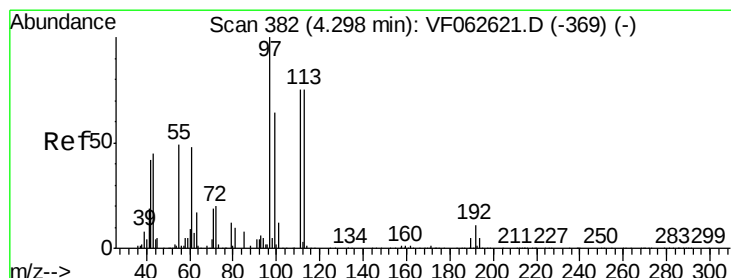
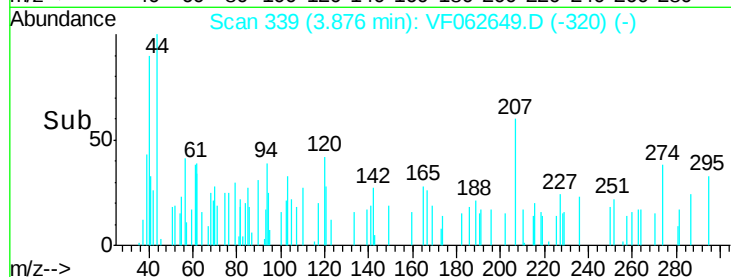
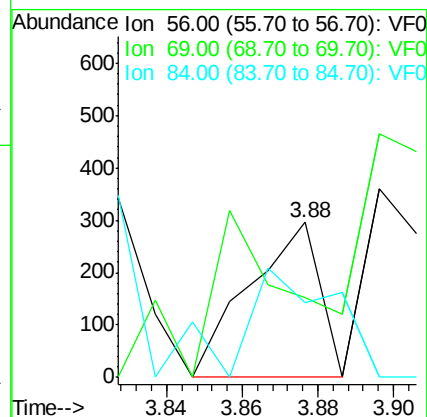
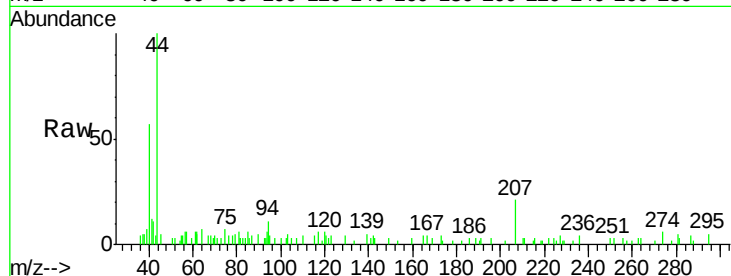
Tot Ion: 56 Resp: 380

Ion Ratio Lower Upper

56 100

69 51.7 25.3 37.9#

84 48.0 71.0 106.4#



#32

1,1,1-Trichloroethane

Concen: 158.199 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

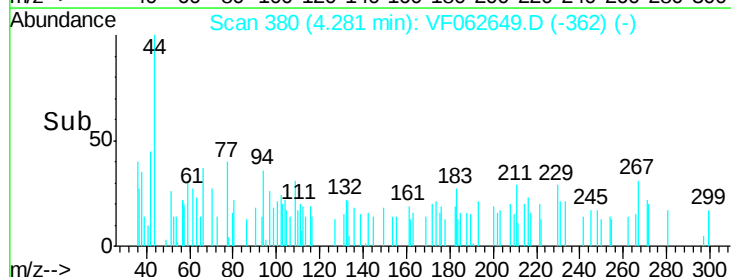
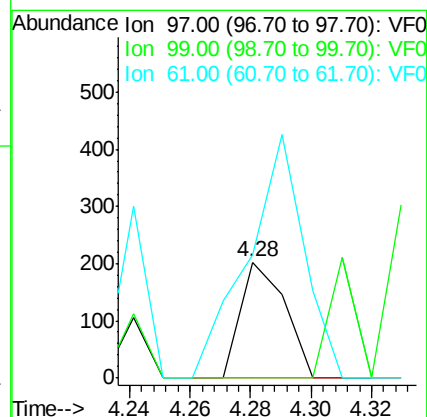
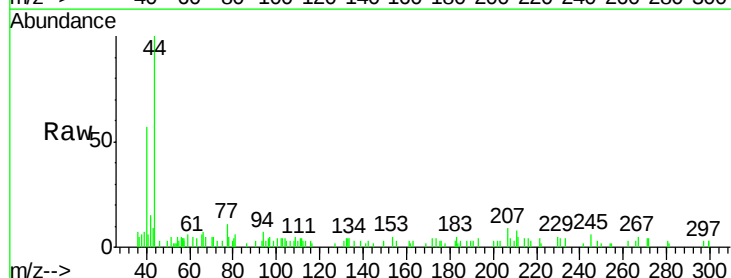
Tgt Ion: 97 Resp: 206

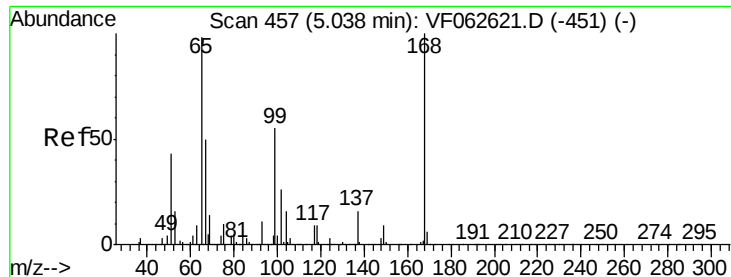
Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

61 105.9 38.2 57.2#





#33

1,2-Dichloroethane-d4

Concen: 250.596 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.03 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampled :

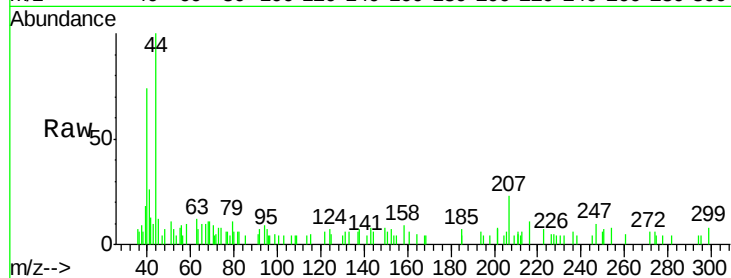
SB-02-9-10

Tot Ion: 65 Resp: 170

Ion Ratio Lower Upper

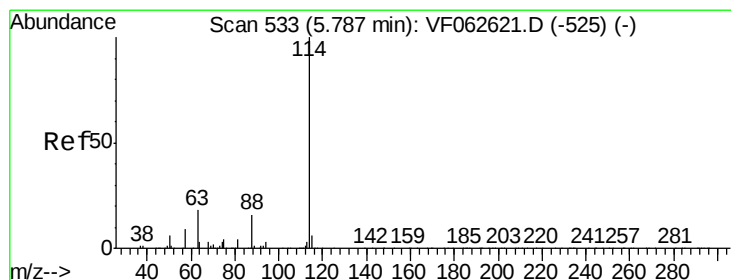
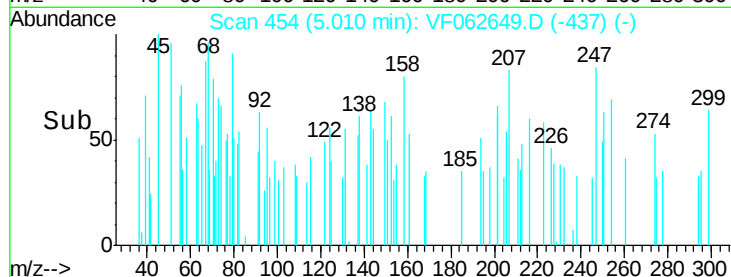
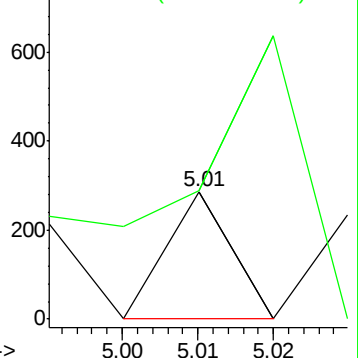
65 100

67 101.0 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.04 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

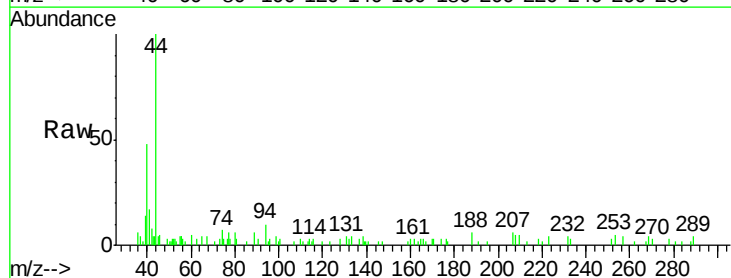
Tgt Ion: 114 Resp: 160

Ion Ratio Lower Upper

114 100

63 0.0 0.0 35.4

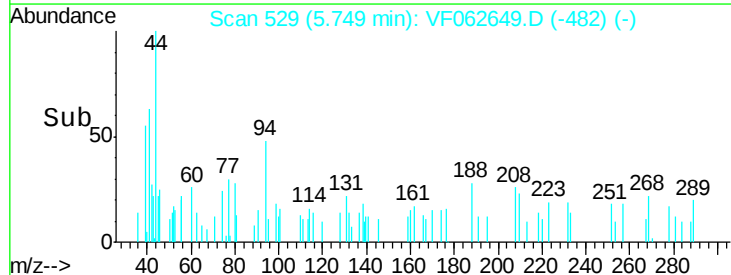
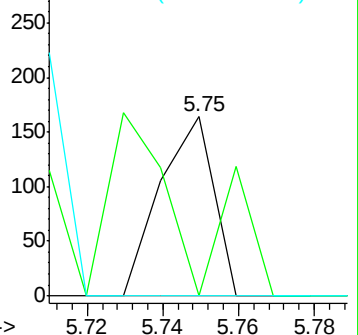
88 0.0 0.0 32.4

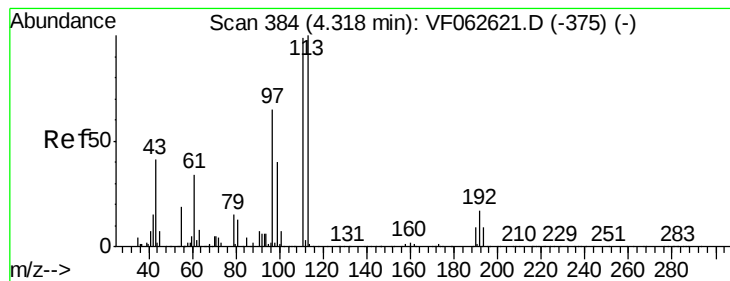


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 254.834 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.01 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampled :

SB-02-9-10

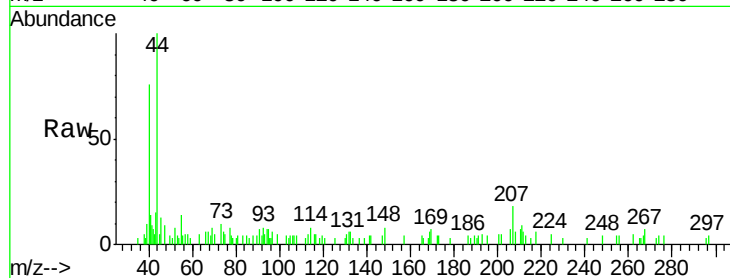
Tot Ion:113 Resp: 312

Ion Ratio Lower Upper

113 100

111 59.0 79.4 119.2#

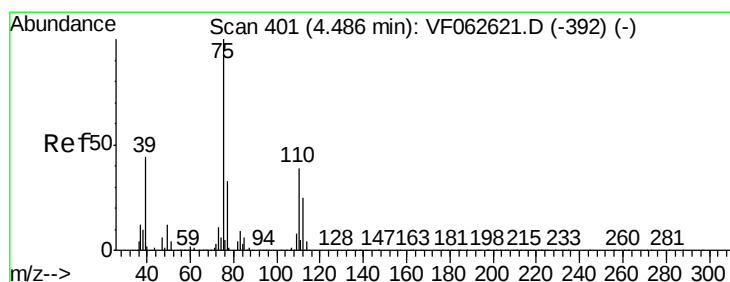
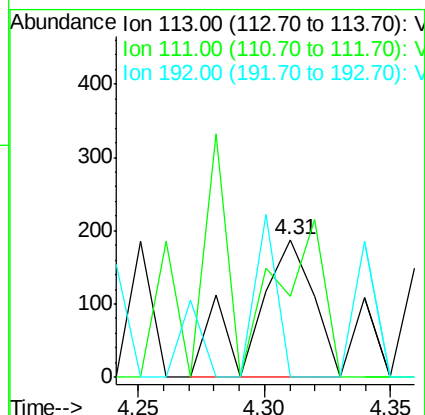
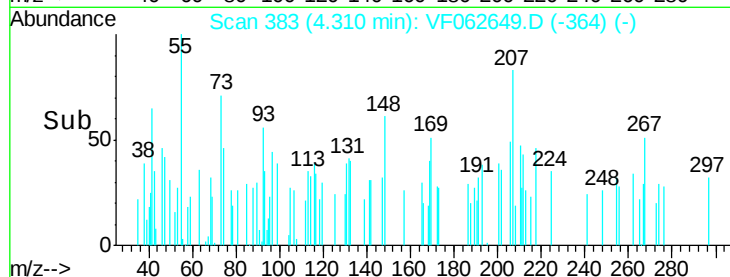
192 0.0 13.4 20.2#



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: 147.606 ug/l

RT: 4.43 min Scan# 395

Delta R.T. -0.06 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

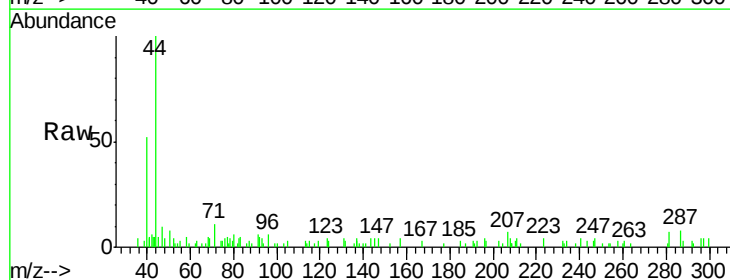
Tgt Ion: 75 Resp: 242

Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.1#

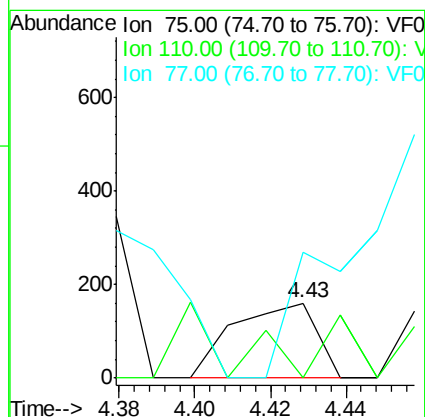
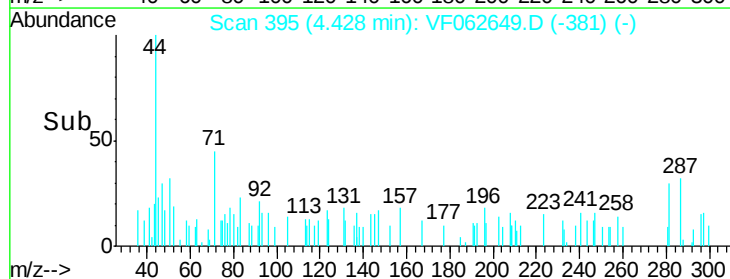
77 167.5 26.3 39.5#

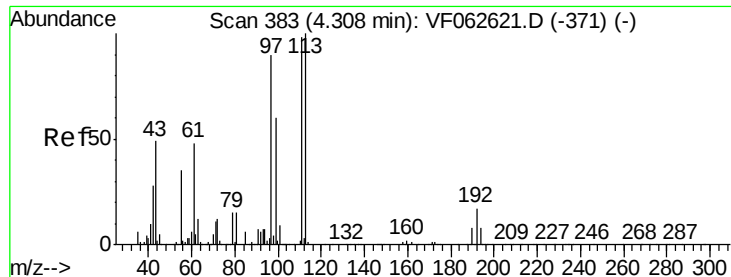


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

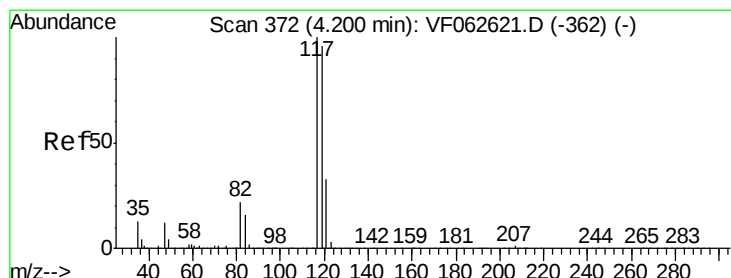
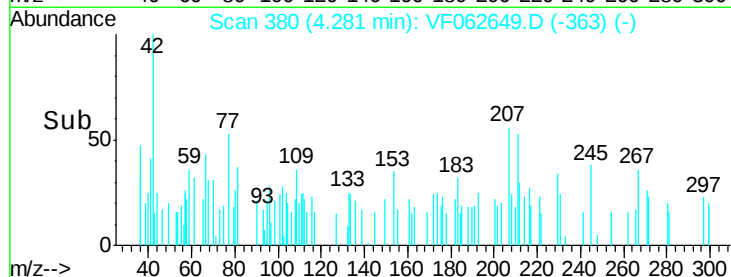
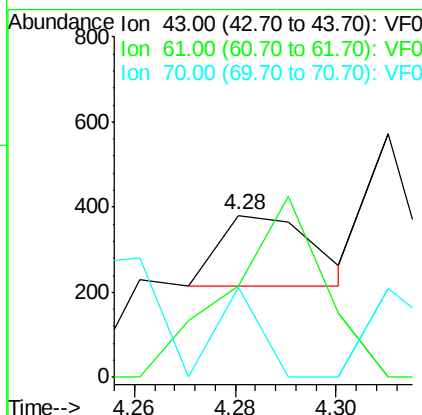
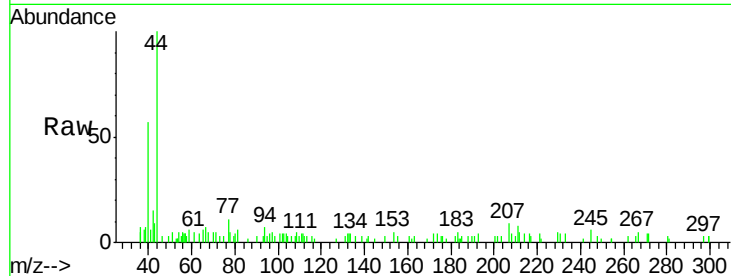




#37
Ethyl Acetate
Concen: 324.165 ug/l
RT: 4.28 min Scan# 380
Delta R.T. -0.03 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

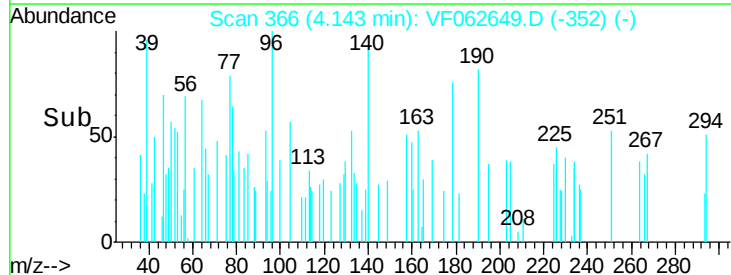
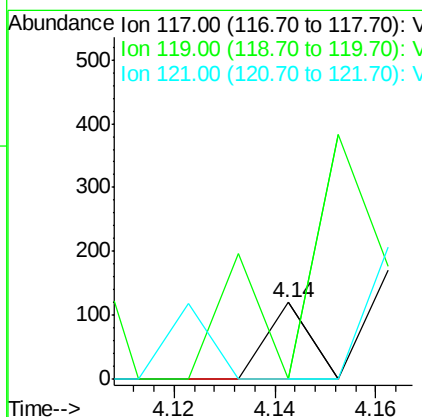
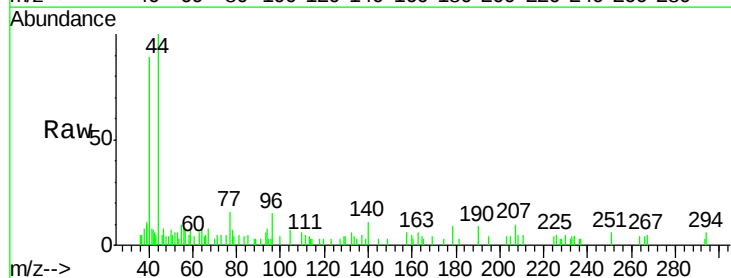
Instrument :
MSVOA_F
ClientSampled :
SB-02-9-10

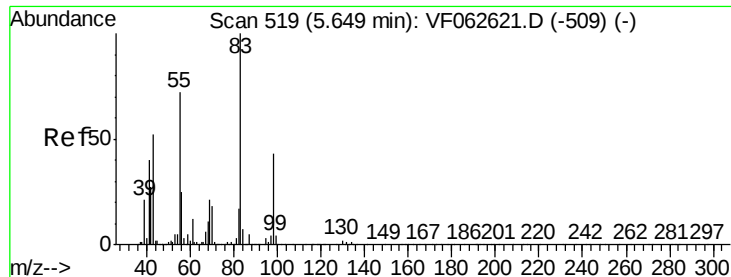
Tot Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
61 56.4 76.9 115.3#
70 55.9 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 56.771 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.06 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

Tgt Ion: 117 Resp: 70
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
121 0.0 26.6 40.0#

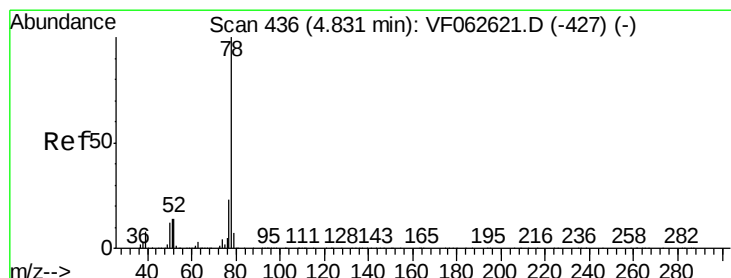
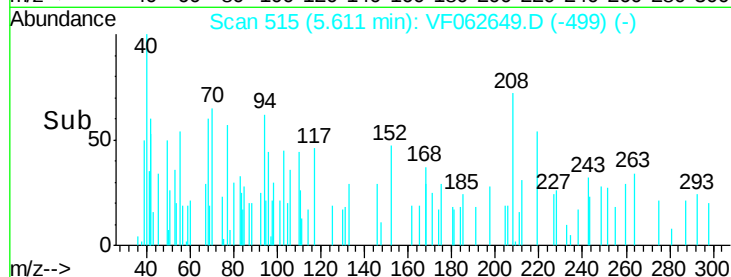
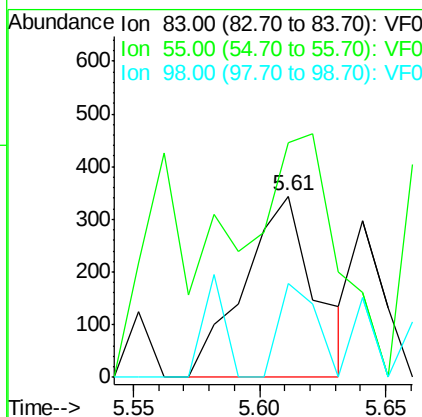
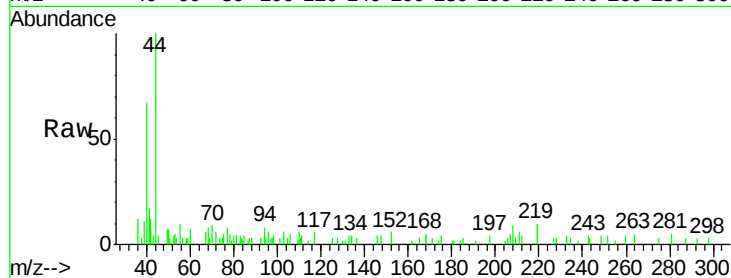




#39
Methylcyclohexane
Concen: 343.178 ug/l
RT: 5.61 min Scan# 515
Delta R.T. -0.04 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

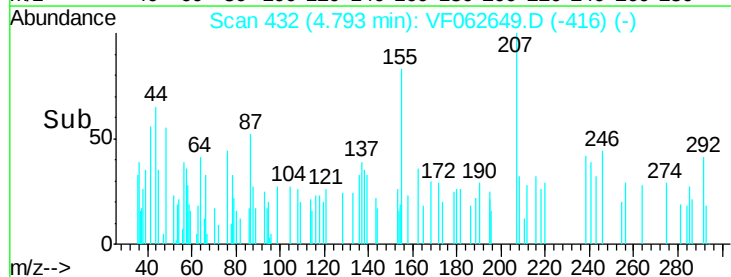
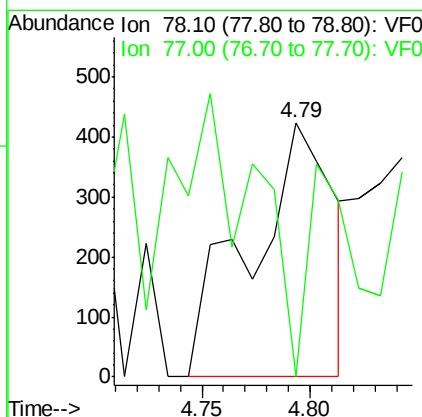
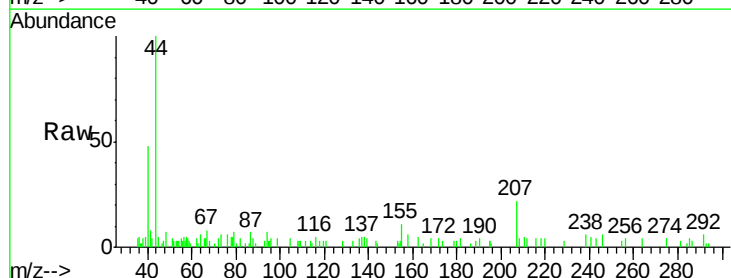
Instrument :
MSVOA_F
ClientSampleId :
SB-02-9-10

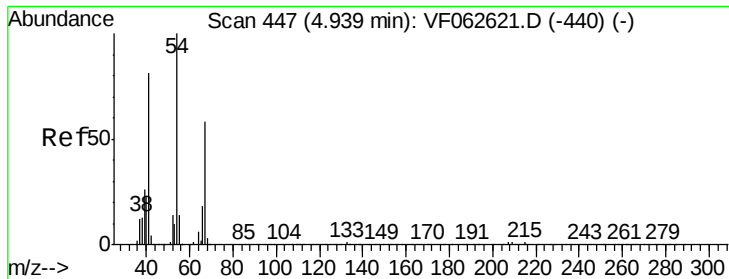
Tot Ion: 83 Resp: 677
Ion Ratio Lower Upper
83 100
55 129.4 57.9 86.9#
98 52.0 34.6 52.0#



#40
Benzene
Concen: 254.564 ug/l
RT: 4.79 min Scan# 432
Delta R.T. -0.04 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

Tgt Ion: 78 Resp: 1137
Ion Ratio Lower Upper
78 100
77 0.0 18.2 27.2#

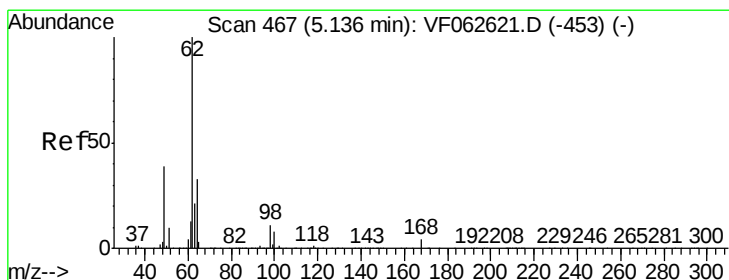
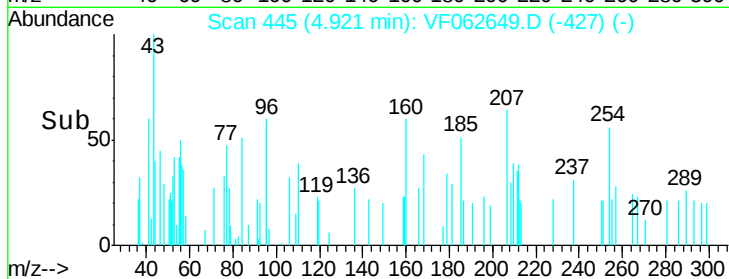
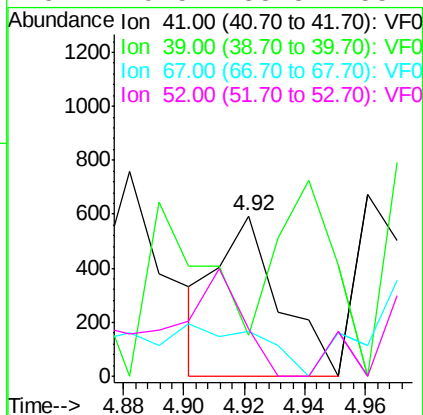
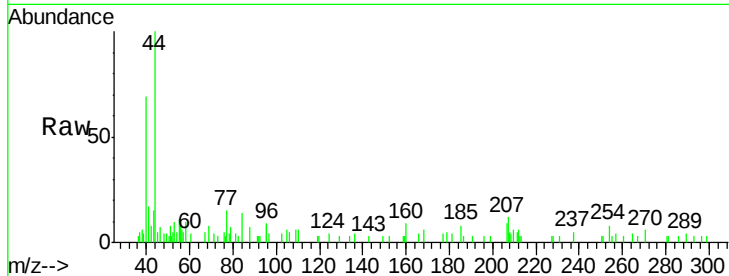




#41
Methacrylonitrile
Concen: 2436.213 ug/l
RT: 4.92 min Scan# 445
Delta R.T. -0.02 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

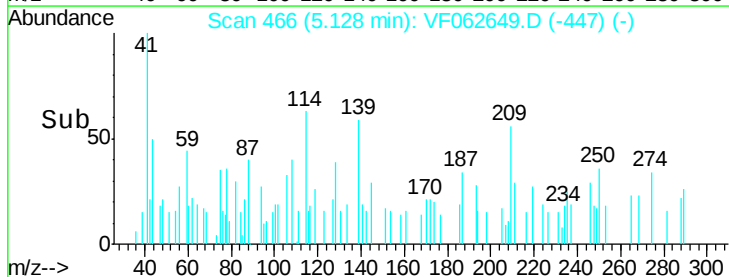
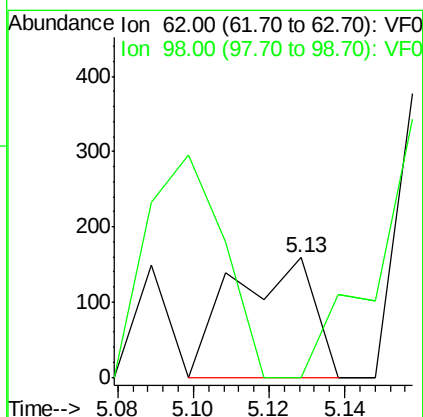
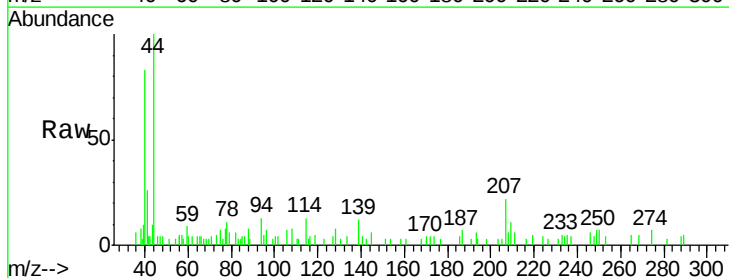
Instrument :
MSVOA_F
ClientSampleId :
SB-02-9-10

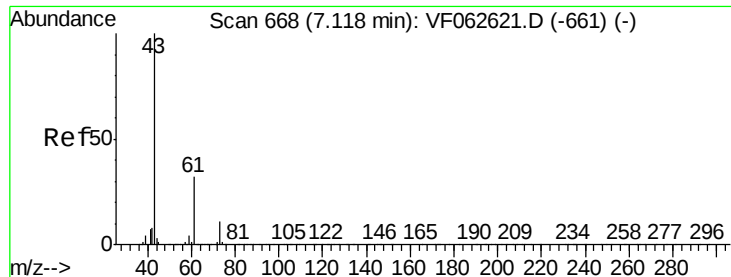
Tot Ion:	41	Resp:	855
Ion	Ratio	Lower	Upper
41	100		
39	25.8	42.2	63.2#
67	28.3	56.4	84.6#
52	29.5	38.8	58.2#



#42
1,2-Dichloroethane
Concen: 266.088 ug/l
RT: 5.13 min Scan# 466
Delta R.T. -0.01 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

Tgt Ion:	62	Resp:	237
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	21.6





#43

Isopropyl Acetate

Concen: 1986.740 ug/l

RT: 7.08 min Scan# 664

Delta R.T. -0.04 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

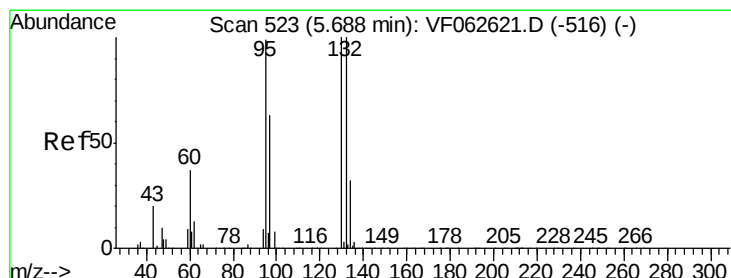
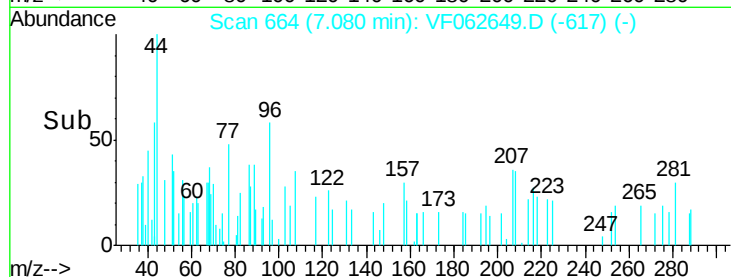
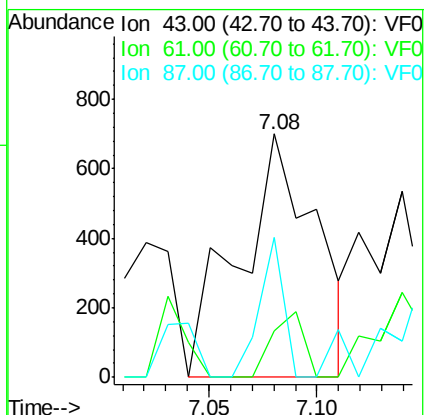
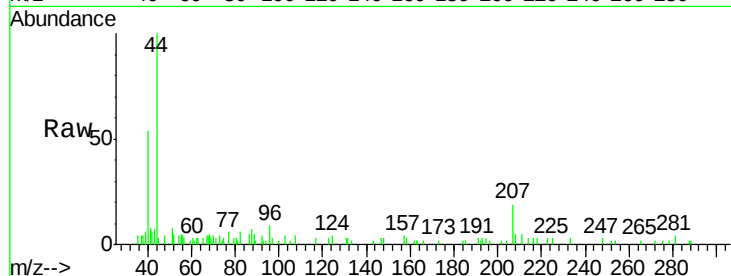
Tot Ion: 43 Resp: 1723

Ion Ratio Lower Upper

43 100

61 19.0 25.8 38.8#

87 57.3 0.4 0.6#



#44

Trichloroethene

Concen: 155.339 ug/l

RT: 5.64 min Scan# 518

Delta R.T. -0.05 min

Lab File: VF062649.D

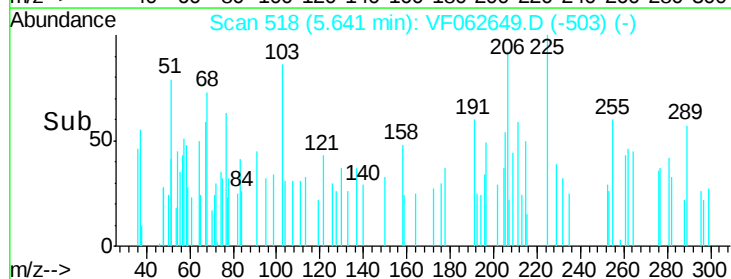
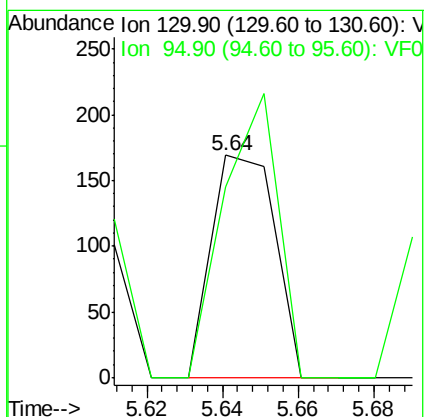
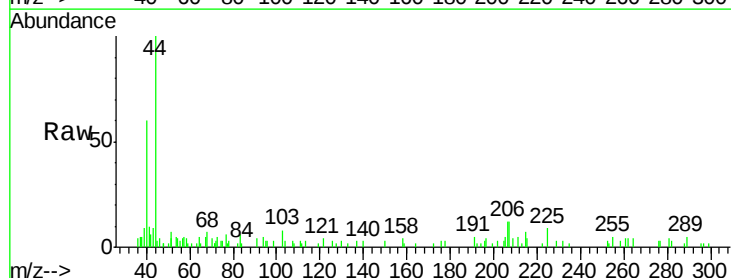
Acq: 17 May 2019 20:15

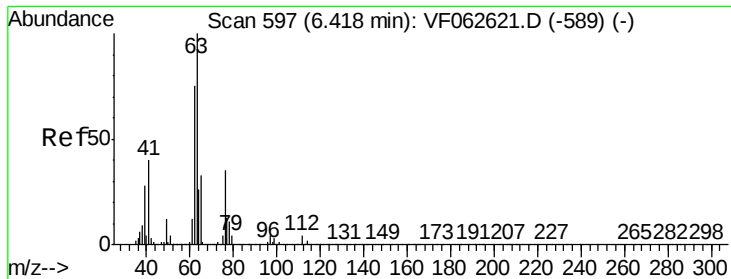
Tgt Ion:130 Resp: 195

Ion Ratio Lower Upper

130 100

95 85.8 0.0 199.4





#45

1,2-Dichloropropane

Concen: 597.786 ug/l

RT: 6.35 min Scan# 590

Delta R.T. -0.07 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampled :

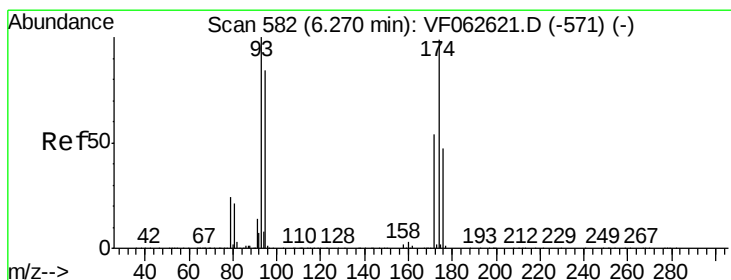
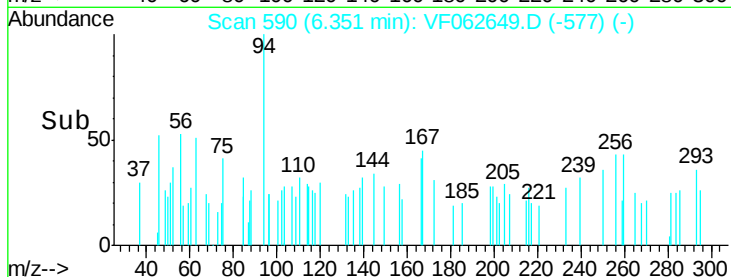
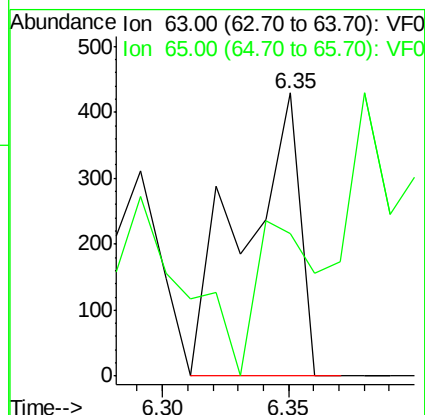
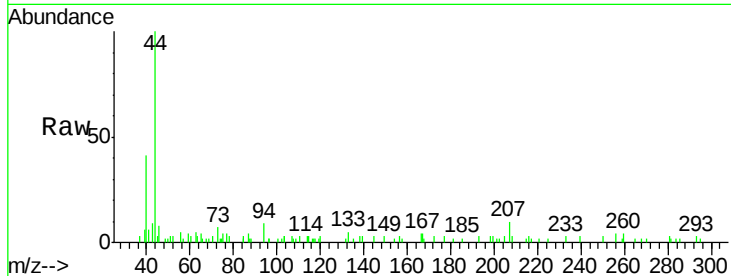
SB-02-9-10

Tot Ion: 63 Resp: 674

Ion Ratio Lower Upper

63 100

65 50.3 26.3 39.5#



#46

Dibromomethane

Concen: 251.685 ug/l

RT: 6.21 min Scan# 576

Delta R.T. -0.06 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

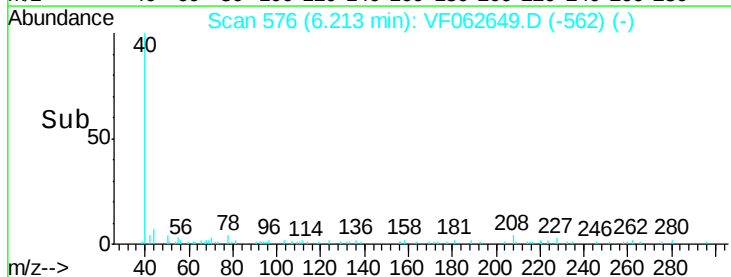
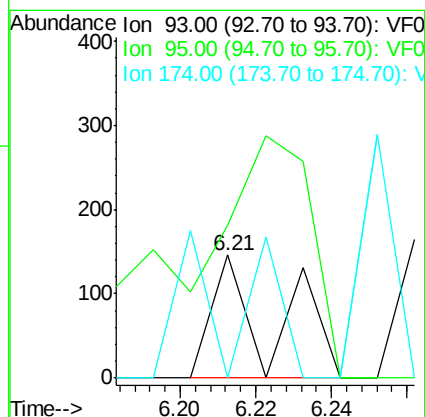
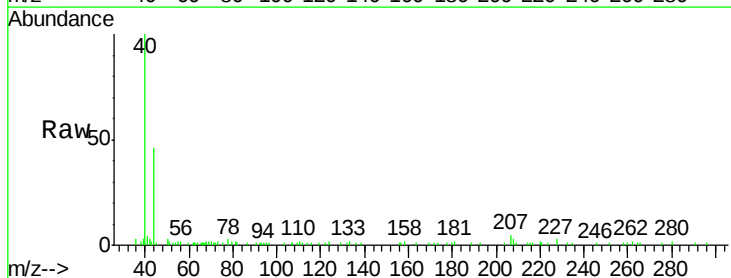
Tgt Ion: 93 Resp: 164

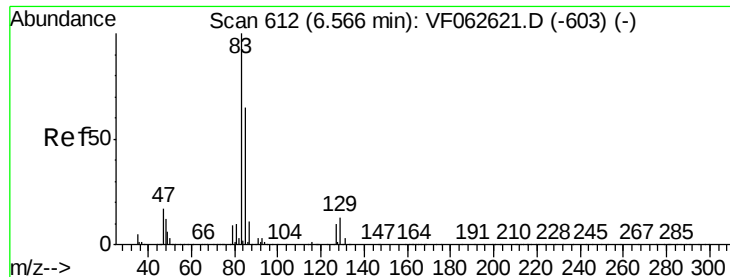
Ion Ratio Lower Upper

93 100

95 124.0 67.4 101.2#

174 0.0 79.4 119.2#





#47

Bromodichloromethane

Concen: 55.443 ug/l

RT: 6.51 min Scan# 606

Delta R.T. -0.06 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampled :

SB-02-9-10

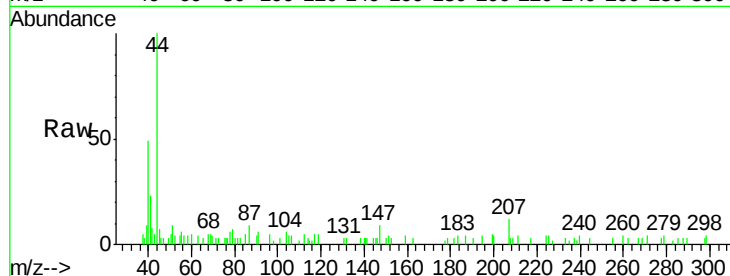
Tot Ion: 83 Resp: 75

Ion Ratio Lower Upper

83 100

85 174.6 52.0 78.0#

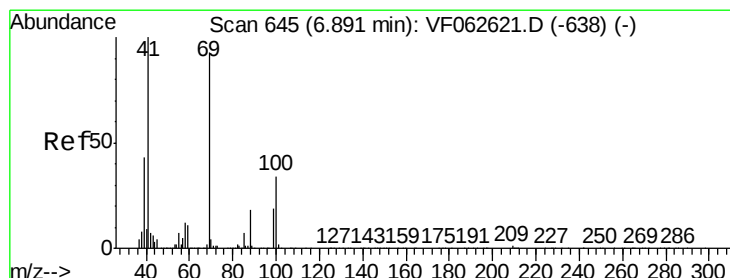
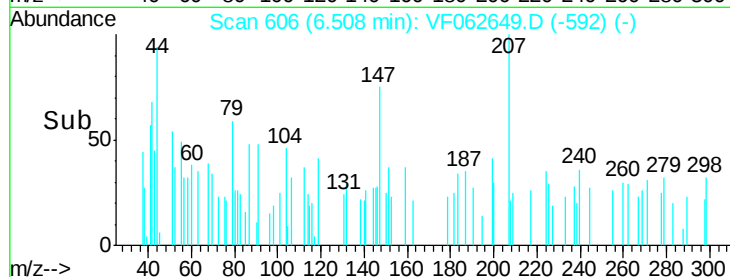
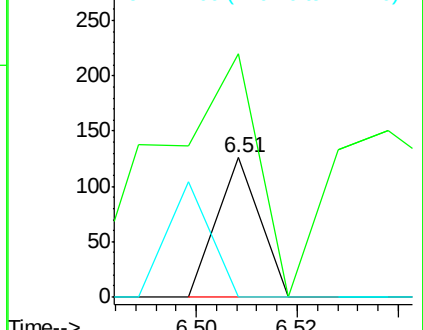
127 0.0 7.7 11.5#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 2543.590 ug/l

RT: 6.84 min Scan# 640

Delta R.T. -0.05 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

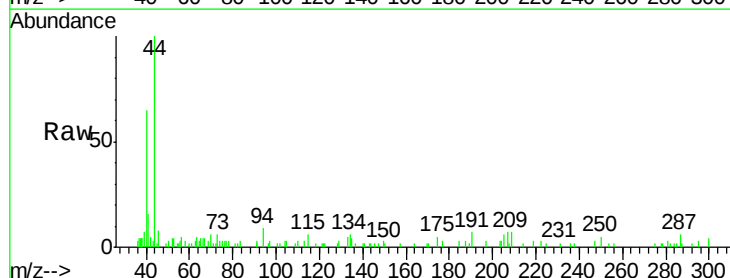
Tgt Ion: 41 Resp: 1153

Ion Ratio Lower Upper

41 100

69 19.6 74.2 111.2#

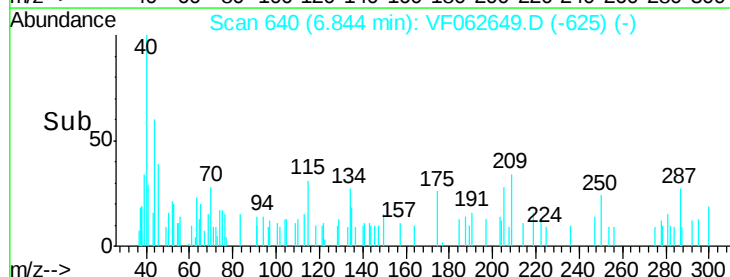
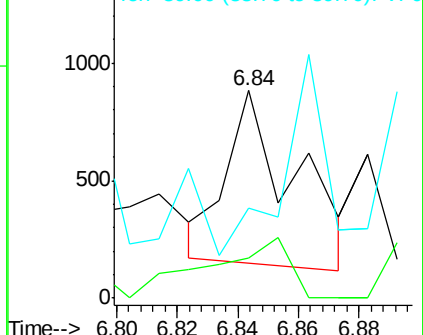
39 43.1 34.2 51.4

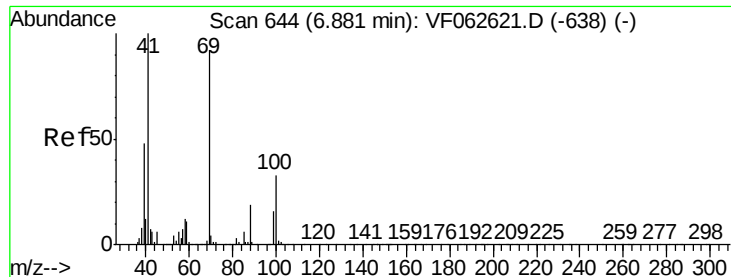


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

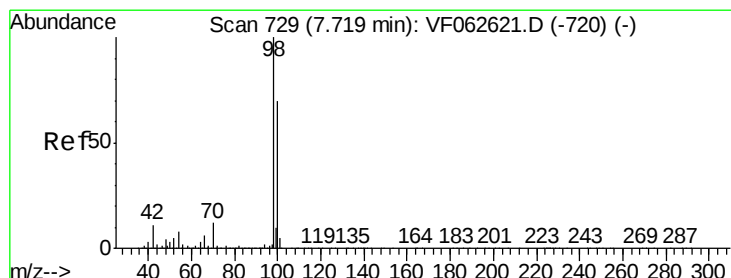
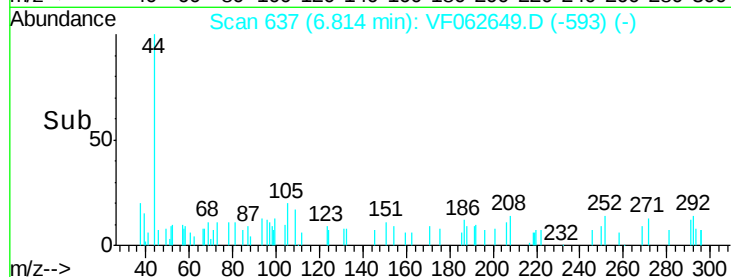
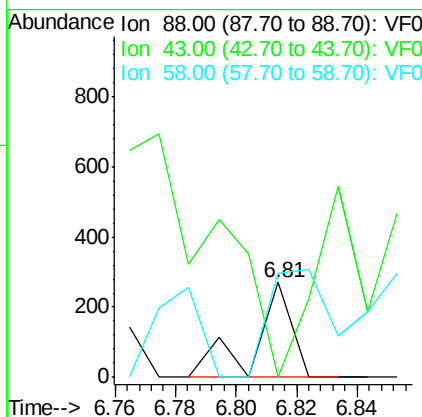
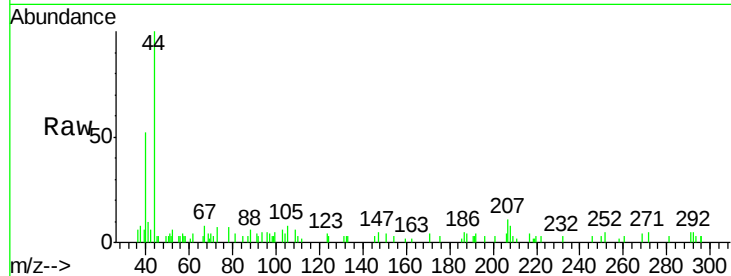




#49
1,4-Dioxane
Concen: 39443.389 ug/l
RT: 6.81 min Scan# 637
Delta R.T. -0.07 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

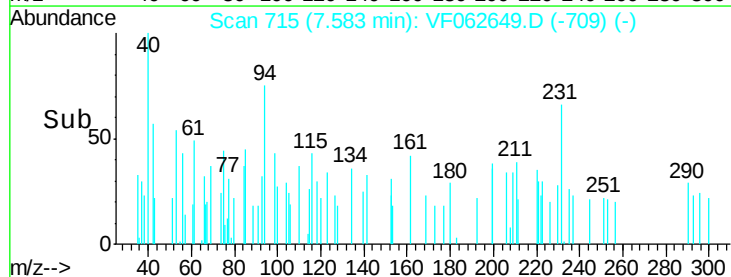
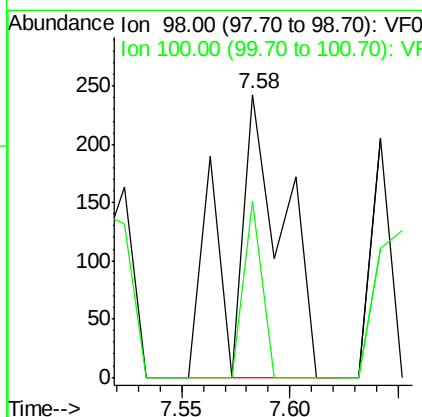
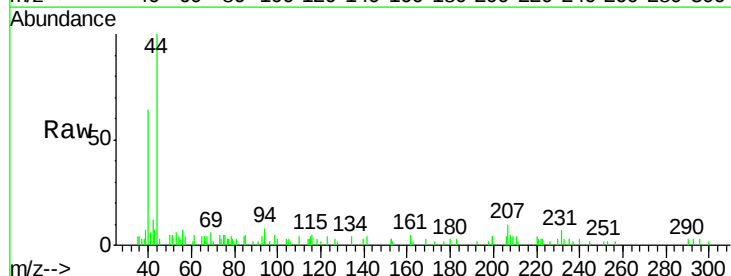
Instrument :
MSVOA_F
ClientSampleId :
SB-02-9-10

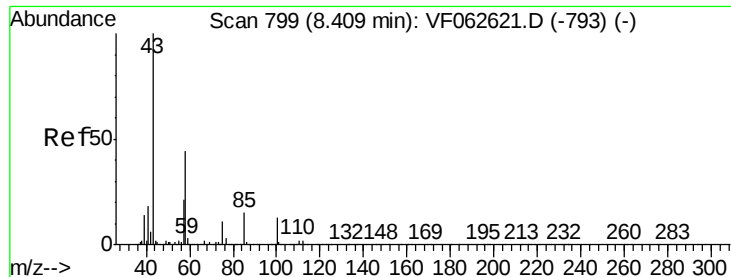
Tot Ion: 88 Resp: 229
Ion Ratio Lower Upper
88 100
43 0.0 30.0 45.0#
58 109.2 51.1 76.7#



#50
Toluene-d8
Concen: 142.993 ug/l
RT: 7.58 min Scan# 715
Delta R.T. -0.14 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

Tgt Ion: 98 Resp: 418
Ion Ratio Lower Upper
98 100
100 62.1 56.2 84.2





#51

4-Methyl-2-Pentanone

Concen: 829.962 ug/l

RT: 8.33 min Scan# 791

Delta R.T. -0.08 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampled :

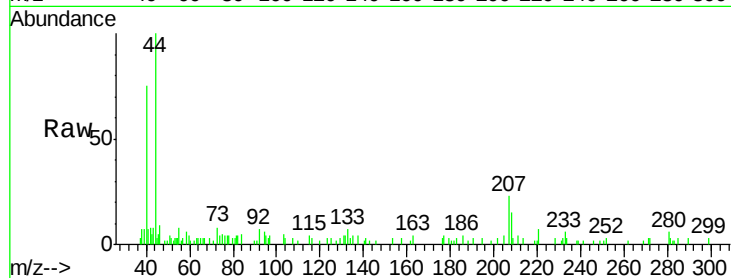
SB-02-9-10

Tot Ion: 43 Resp: 492

Ion Ratio Lower Upper

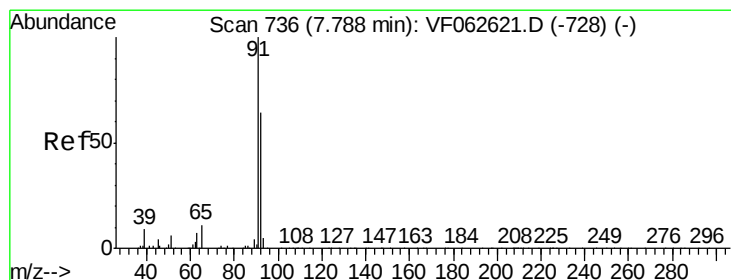
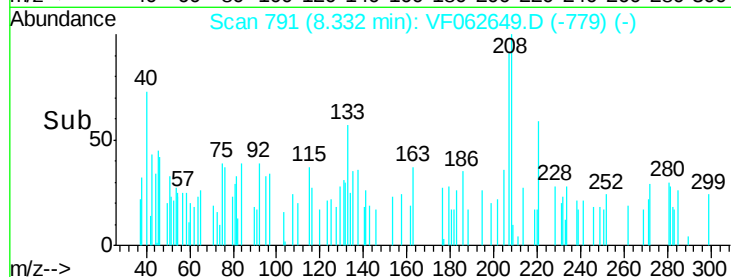
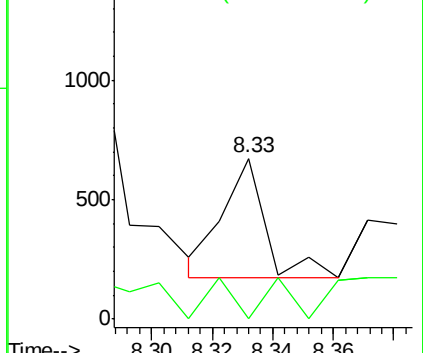
43 100

58 0.0 34.9 52.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 62.329 ug/l

RT: 7.78 min Scan# 735

Delta R.T. -0.01 min

Lab File: VF062649.D

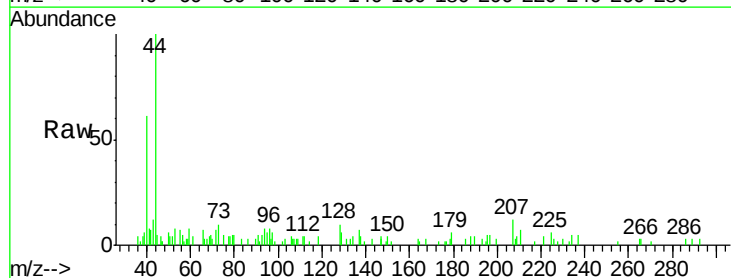
Acq: 17 May 2019 20:15

Tgt Ion: 92 Resp: 146

Ion Ratio Lower Upper

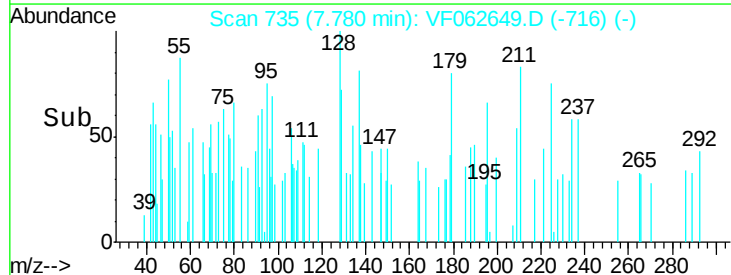
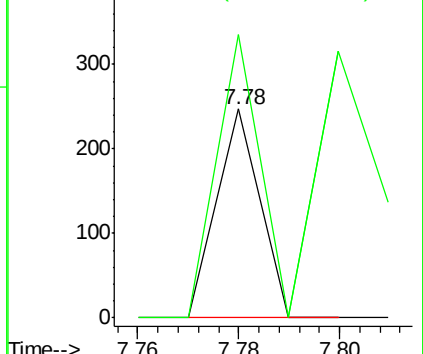
92 100

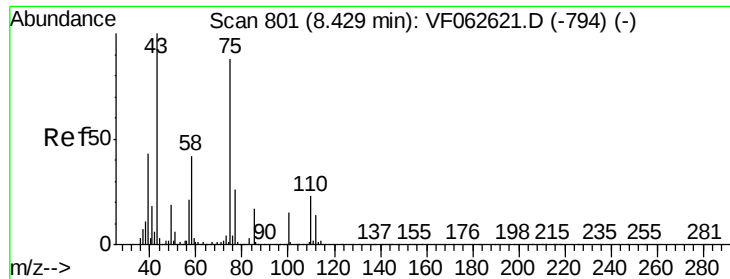
91 135.6 125.4 188.0



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 243.967 ug/l

RT: 8.36 min Scan# 794

Delta R.T. -0.07 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

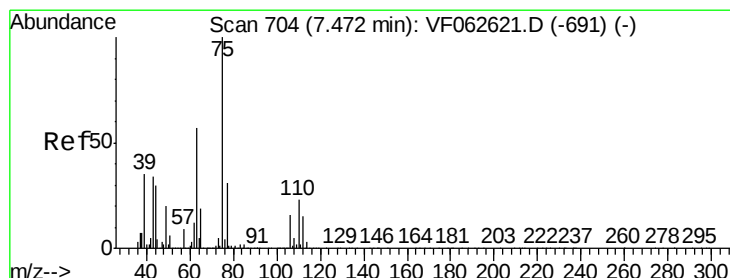
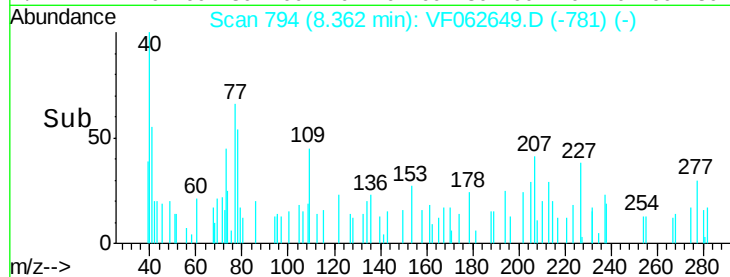
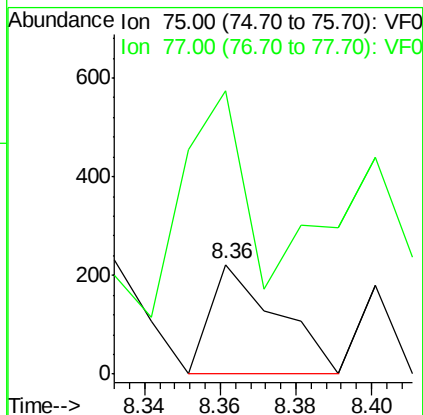
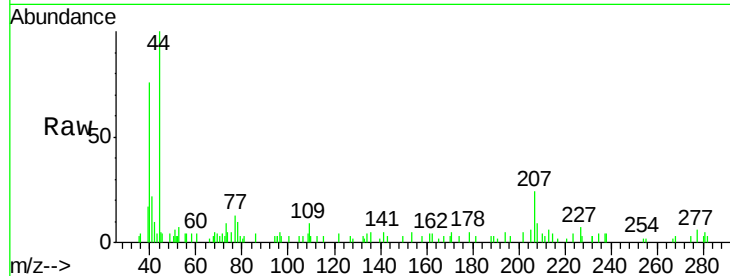
SB-02-9-10

Tot Ion: 75 Resp: 270

Ion Ratio Lower Upper

75 100

77 258.1 24.2 36.4#



#54

cis-1,3-Dichloropropene

Concen: 123.289 ug/l

RT: 7.42 min Scan# 698

Delta R.T. -0.06 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

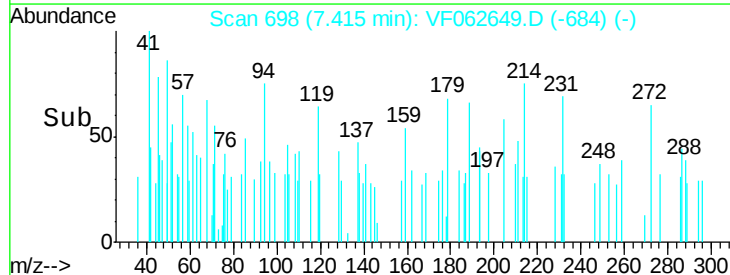
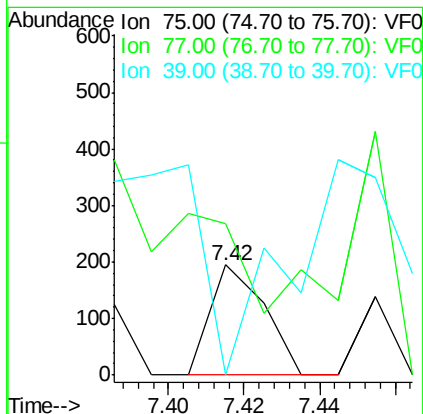
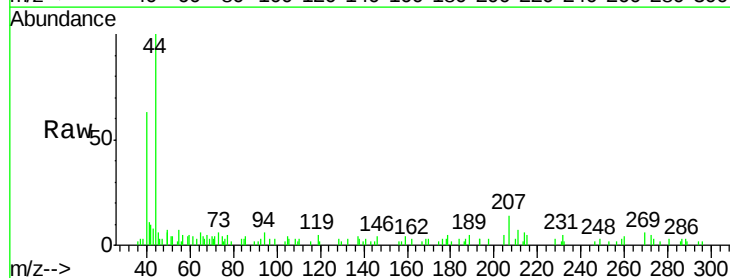
Tgt Ion: 75 Resp: 191

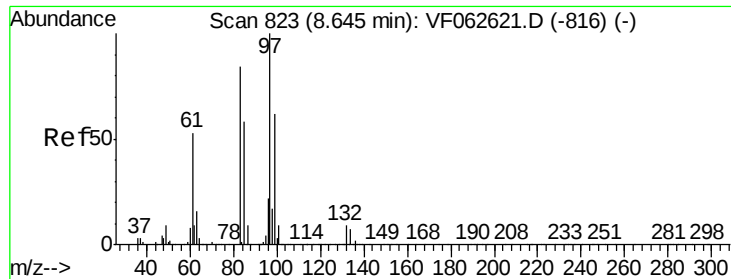
Ion Ratio Lower Upper

75 100

77 137.4 25.3 37.9#

39 0.0 28.2 42.2#

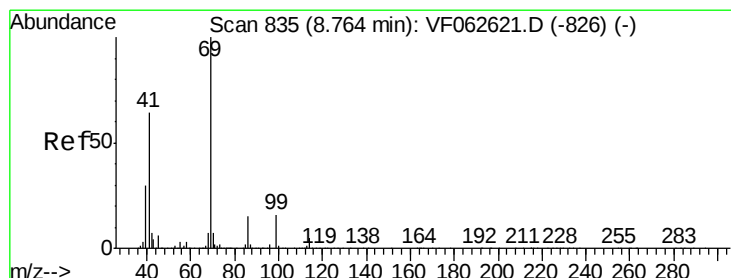
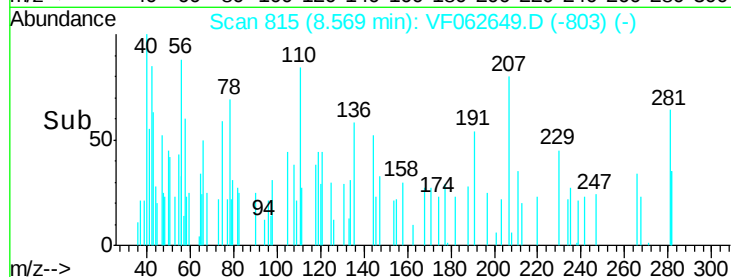
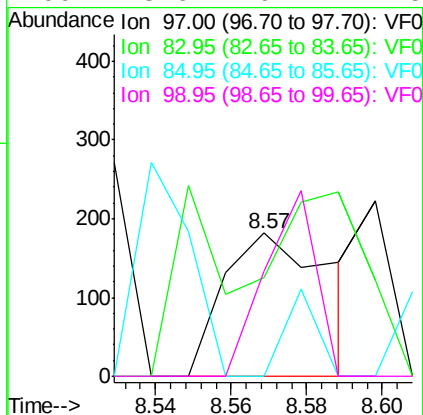
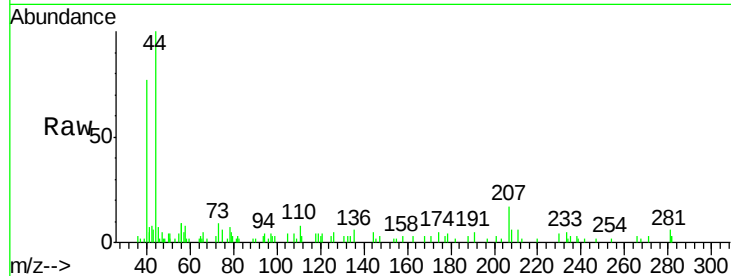




#55
 1,1,2-Trichloroethane
 Concen: 508.970 ug/l
 RT: 8.57 min Scan# 815
 Delta R.T. -0.08 min
 Lab File: VF062649.D
 Acq: 17 May 2019 20:15

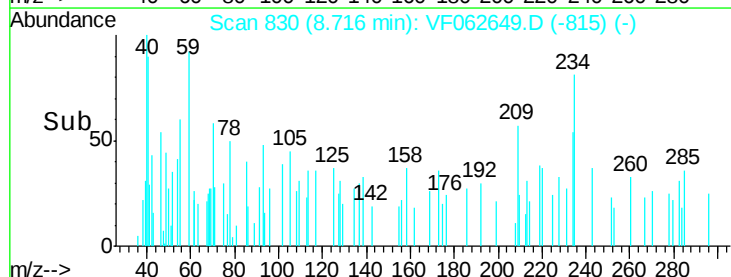
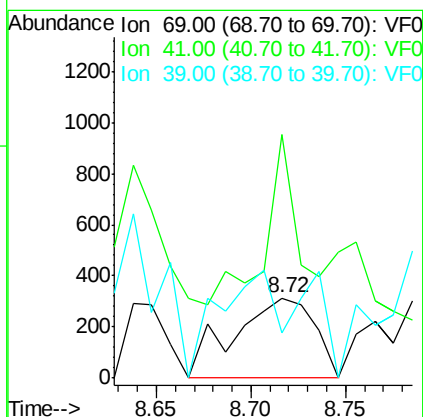
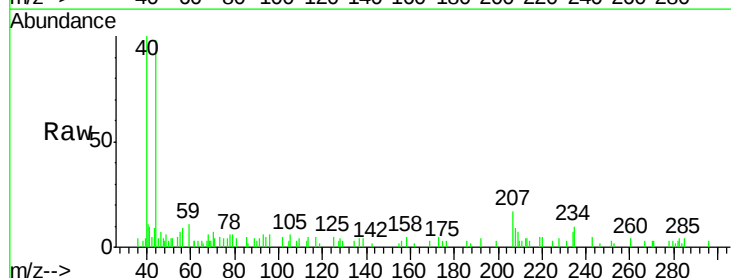
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-9-10

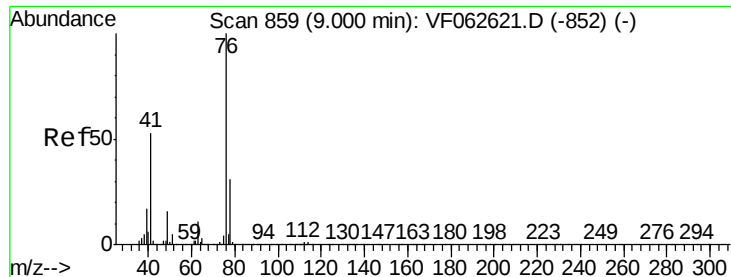
Tot Ion:	97	Resp:	353
Ion	Ratio	Lower	Upper
97	100		
83	68.7	67.3	100.9
85	0.0	46.6	69.8#
99	73.6	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 1119.466 ug/l
 RT: 8.72 min Scan# 830
 Delta R.T. -0.05 min
 Lab File: VF062649.D
 Acq: 17 May 2019 20:15

Tgt Ion:	69	Resp:	925
Ion	Ratio	Lower	Upper
69	100		
41	305.4	51.4	77.2#
39	56.1	23.6	35.4#





#57

1,3-Dichloropropane

Concen: 208.239 ug/l

RT: 8.95 min Scan# 854

Delta R.T. -0.05 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

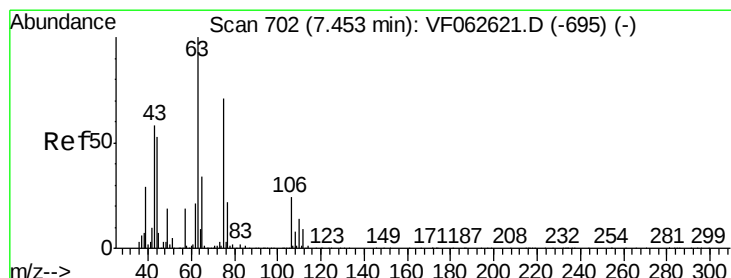
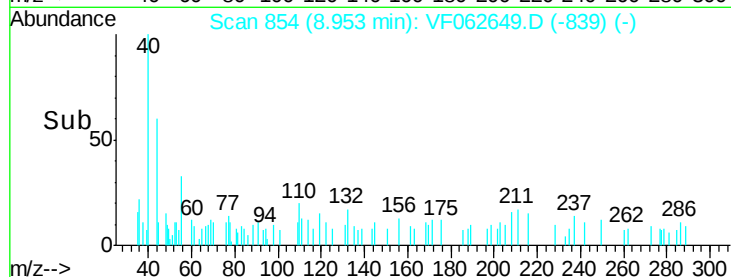
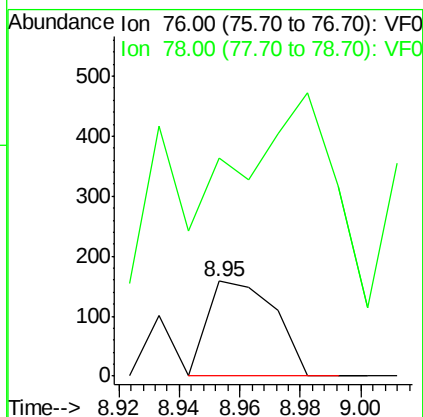
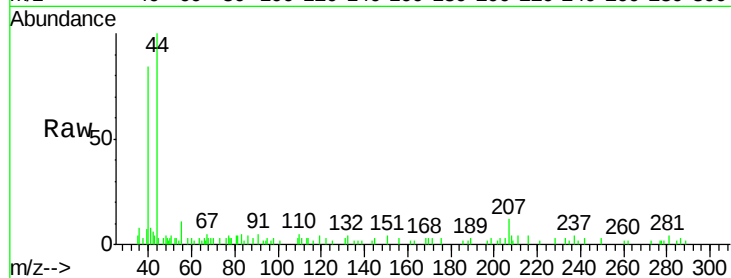
SB-02-9-10

Tot Ion: 76 Resp: 246

Ion Ratio Lower Upper

76 100

78 230.4 25.4 38.0#



#58

2-Chloroethyl Vinyl ether

Concen: 1427.738 ug/l

RT: 7.43 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF062649.D

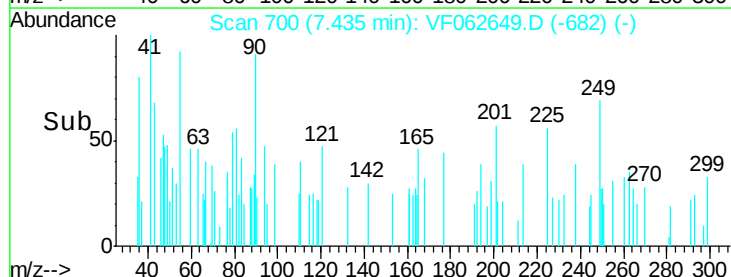
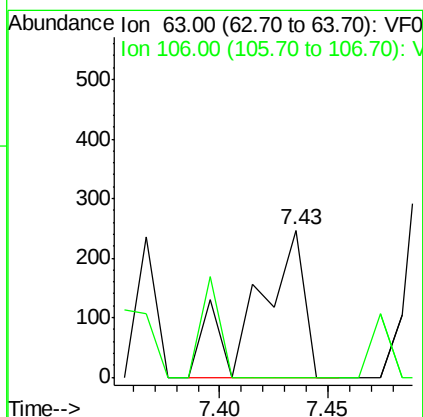
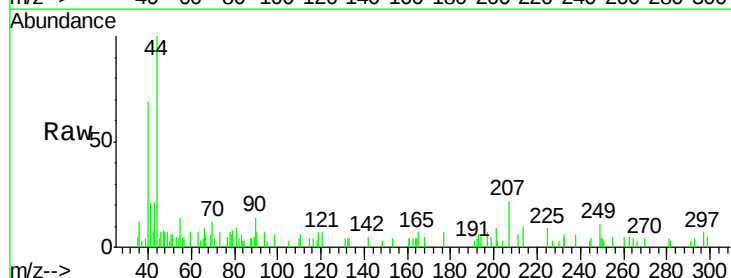
Acq: 17 May 2019 20:15

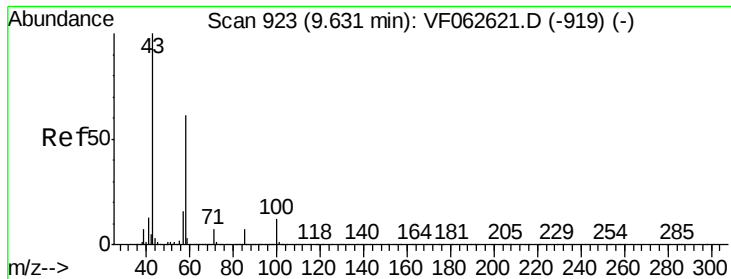
Tgt Ion: 63 Resp: 384

Ion Ratio Lower Upper

63 100

106 0.0 19.1 28.7#





#59

2-Hexanone

Concen: 1748.064 ug/l

RT: 9.68 min Scan# 928

Delta R.T. 0.05 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

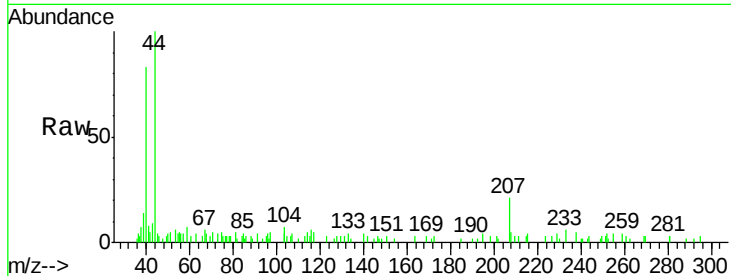
SB-02-9-10

Tot Ion: 43 Resp: 633

Ion Ratio Lower Upper

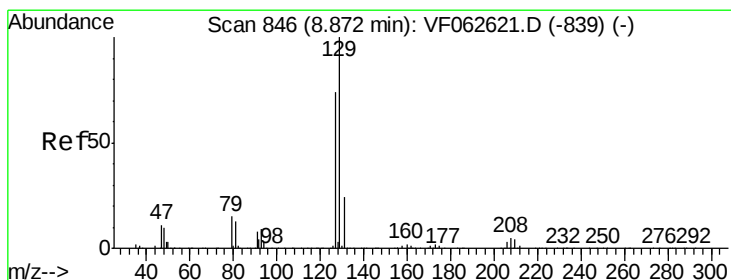
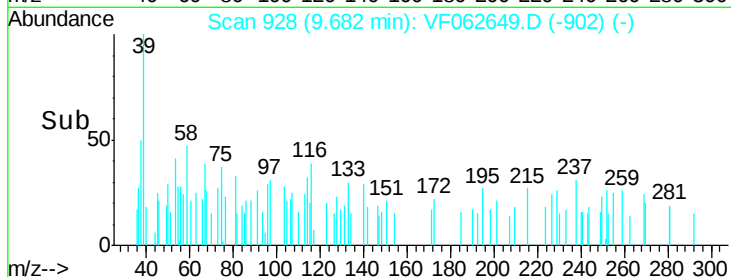
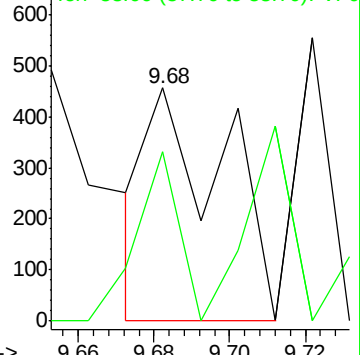
43 100

58 72.6 28.1 84.4



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#60

Dibromochloromethane

Concen: 206.875 ug/l

RT: 8.82 min Scan# 841

Delta R.T. -0.05 min

Lab File: VF062649.D

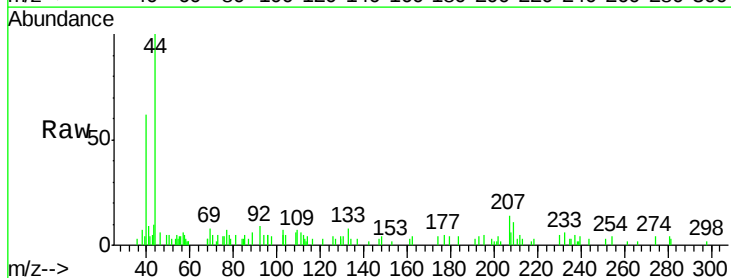
Acq: 17 May 2019 20:15

Tgt Ion: 129 Resp: 187

Ion Ratio Lower Upper

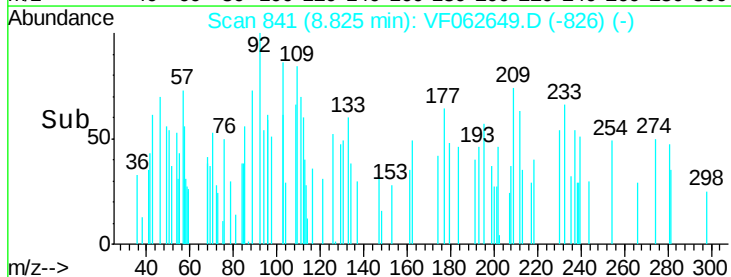
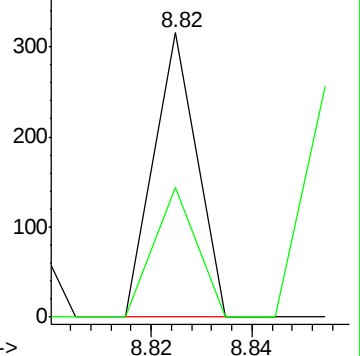
129 100

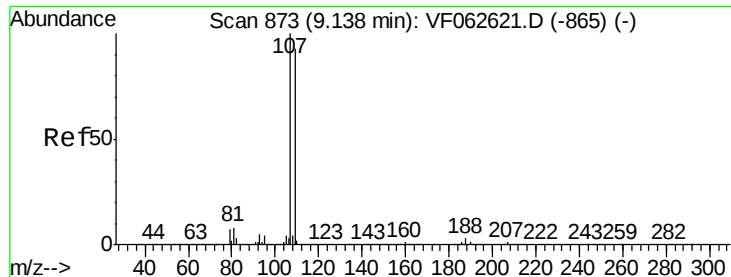
127 45.6 37.2 111.6



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#61

1,2-Dibromoethane

Concen: 209.051 ug/l

RT: 9.05 min Scan# 864

Delta R.T. -0.09 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampled :

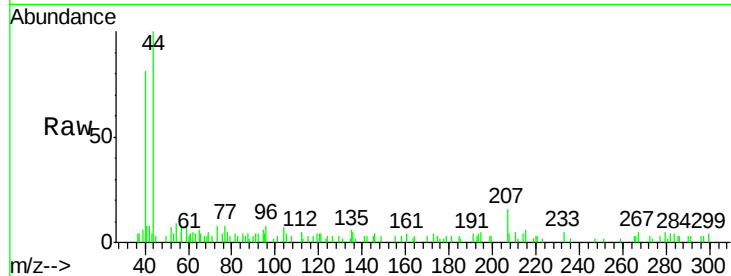
SB-02-9-10

Tot Ion:107 Resp: 154

Ion Ratio Lower Upper

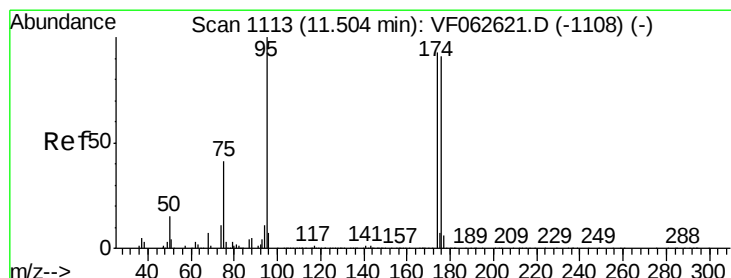
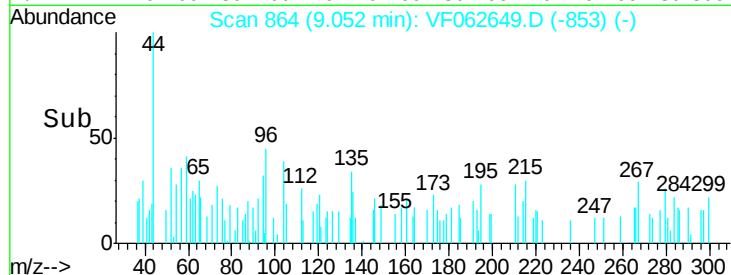
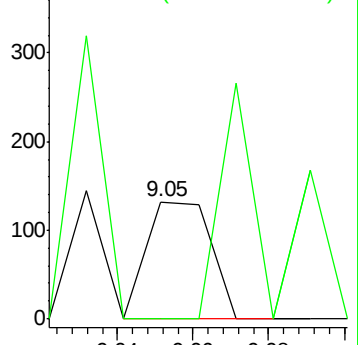
107 100

109 0.0 74.8 112.2#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 302.160 ug/l

RT: 11.45 min Scan# 1107

Delta R.T. -0.06 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

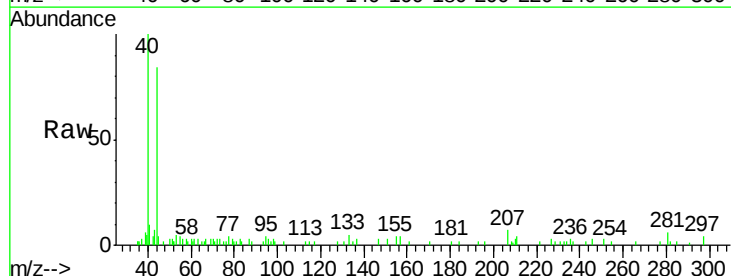
Tgt Ion: 95 Resp: 335

Ion Ratio Lower Upper

95 100

174 0.0 0.0 185.6

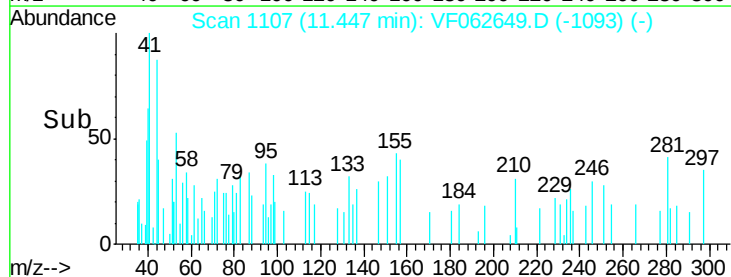
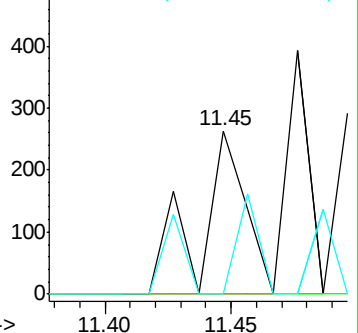
176 0.0 0.0 182.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

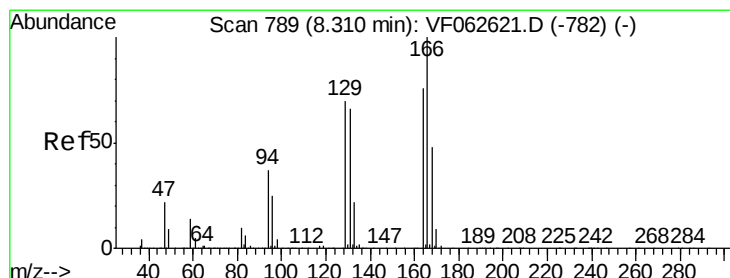
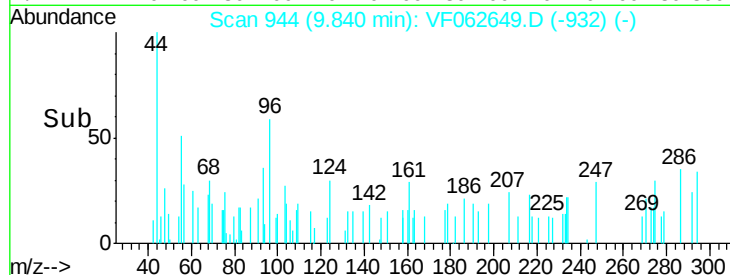
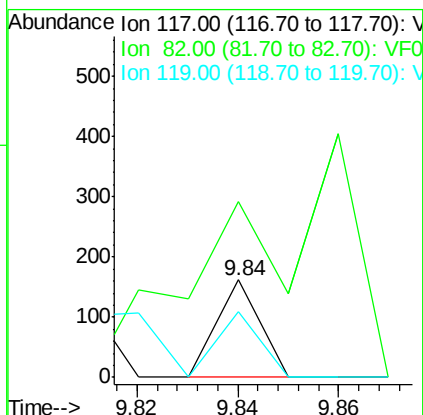
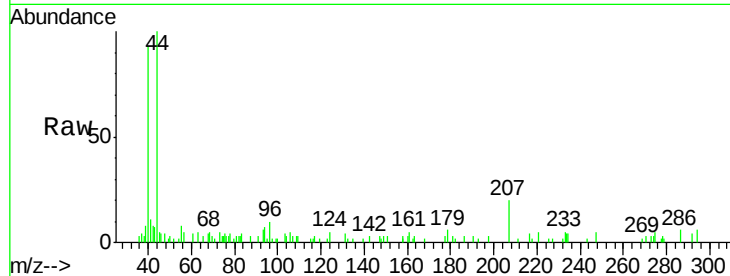




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.84 min Scan# 944
Delta R.T. -0.08 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

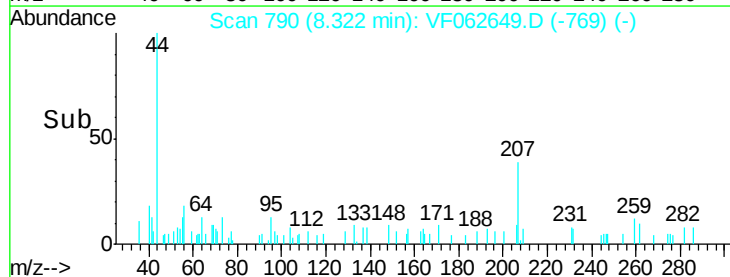
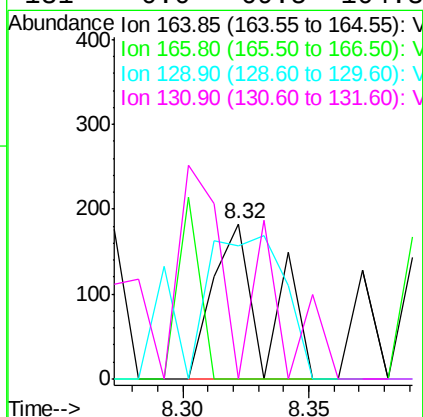
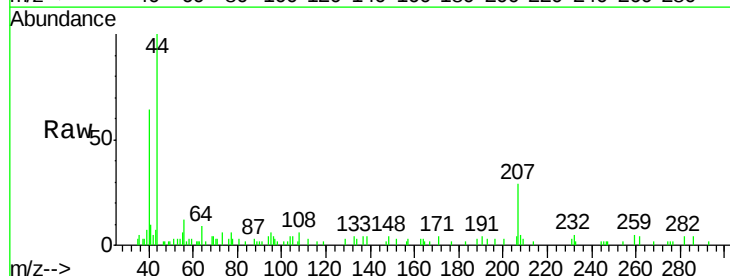
Instrument :
MSVOA_F
ClientSampled :
SB-02-9-10

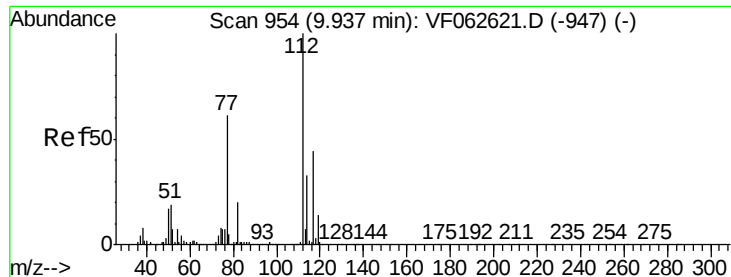
Tot Ion	Ratio	Lower	Upper
117	100		
82	179.6	43.3	64.9#
119	67.9	27.4	41.0#



#64
Tetrachloroethene
Concen: 352.382 ug/l
RT: 8.32 min Scan# 790
Delta R.T. 0.01 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	0.0	105.5	158.3#
129	85.2	73.8	110.6
131	0.0	69.5	104.3#





#65

Chlorobenzene

Concen: 133.649 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.02 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

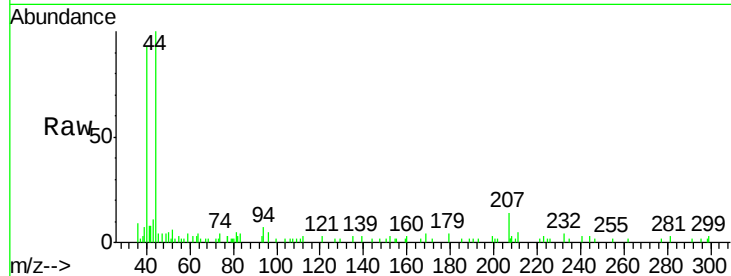
SB-02-9-10

Tot Ion:112 Resp: 252

Ion Ratio Lower Upper

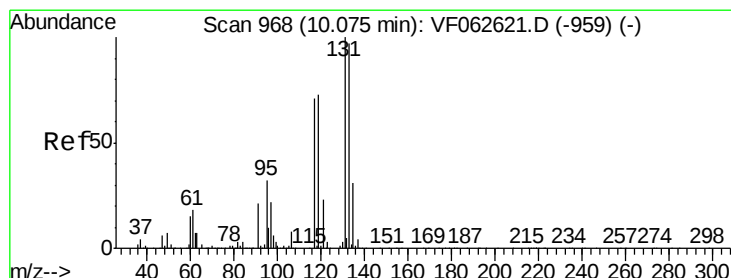
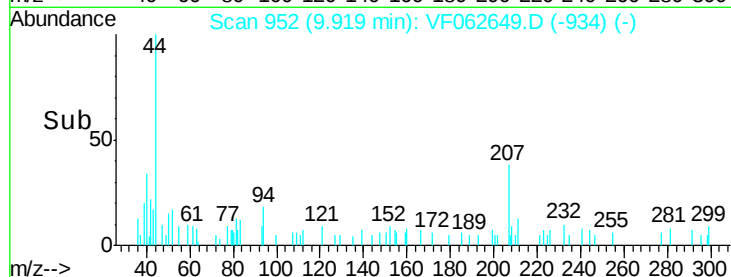
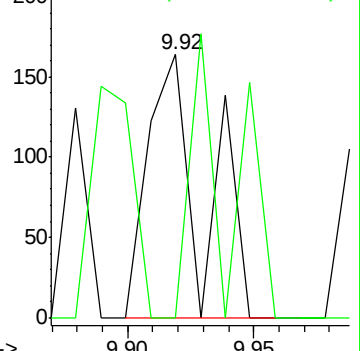
112 100

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: 249.689 ug/l

RT: 10.18 min Scan# 978

Delta R.T. 0.10 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

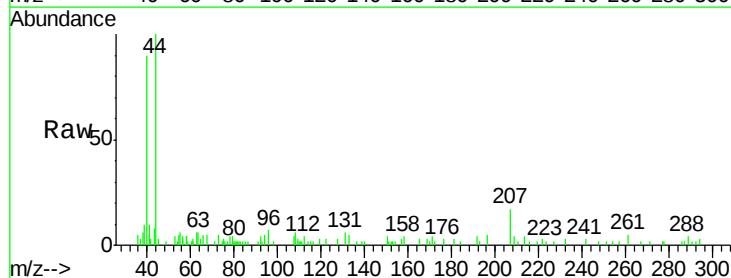
Tgt Ion:131 Resp: 189

Ion Ratio Lower Upper

131 100

133 82.5 48.5 145.5

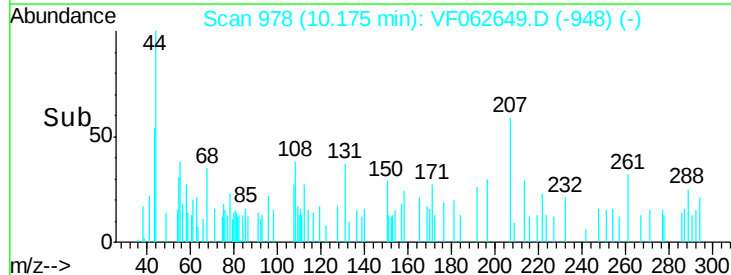
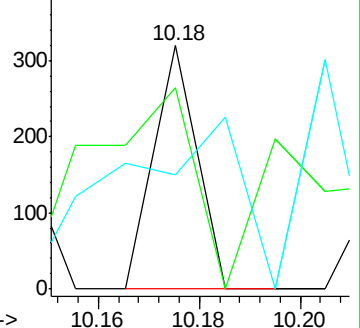
119 46.9 36.8 110.4

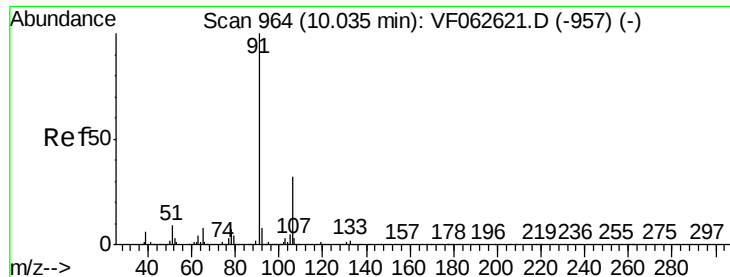


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 105.325 ug/l

RT: 9.89 min Scan# 949

Delta R.T. -0.15 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

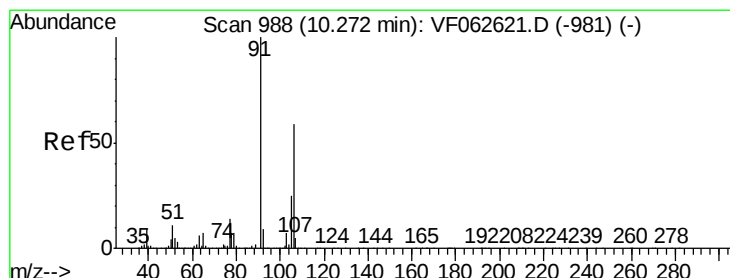
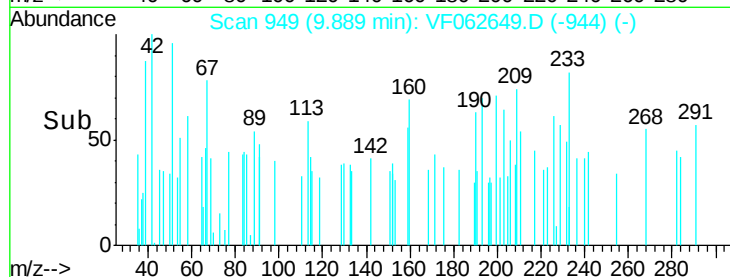
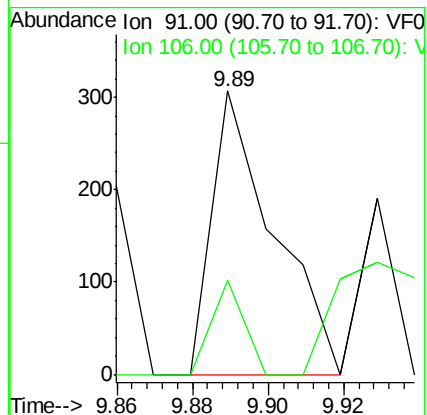
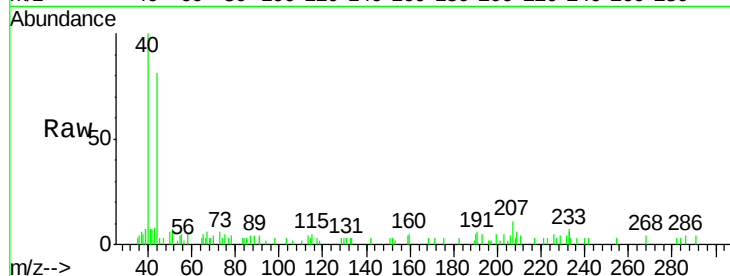
SB-02-9-10

Tot Ion: 91 Resp: 345

Ion Ratio Lower Upper

91 100

106 33.2 25.8 38.8



#68

m/p-Xylenes

Concen: 65.794 ug/l

RT: 10.29 min Scan# 990

Delta R.T. 0.02 min

Lab File: VF062649.D

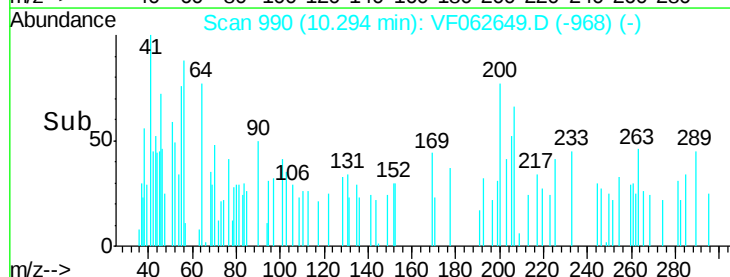
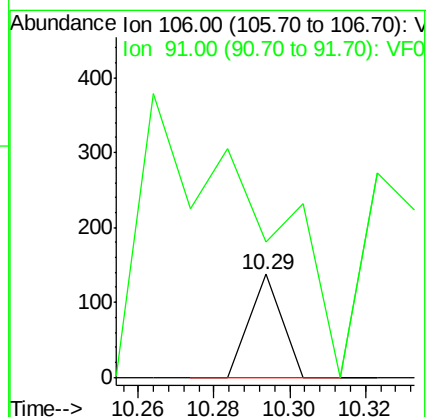
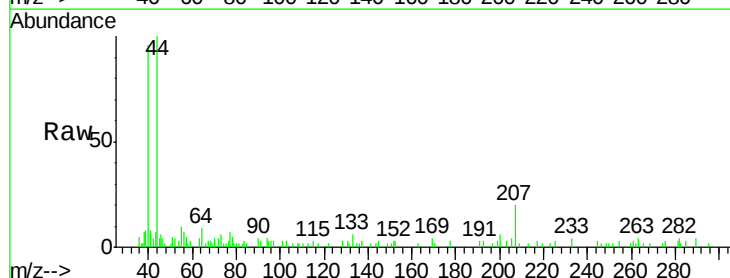
Acq: 17 May 2019 20:15

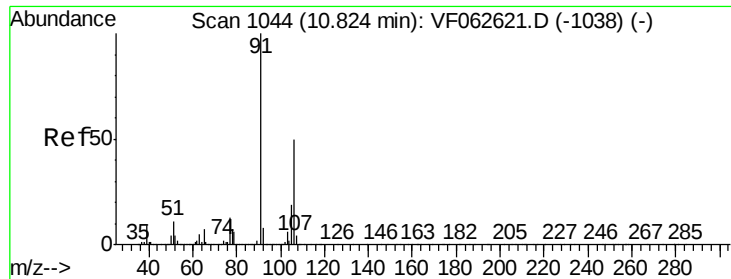
Tgt Ion: 106 Resp: 81

Ion Ratio Lower Upper

106 100

91 132.1 136.9 205.3#

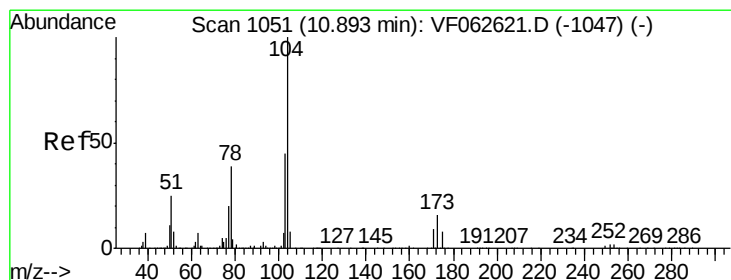
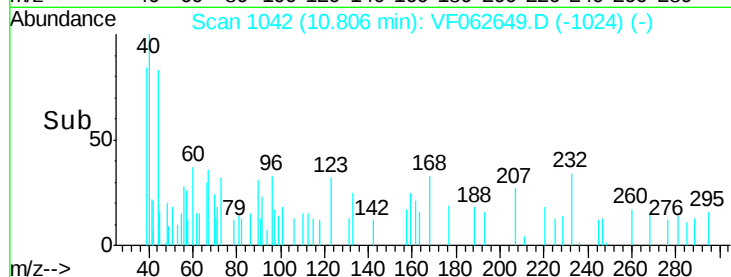
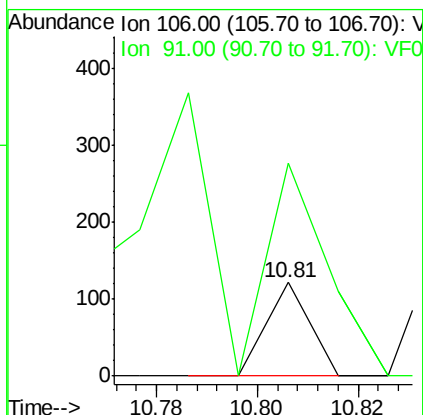
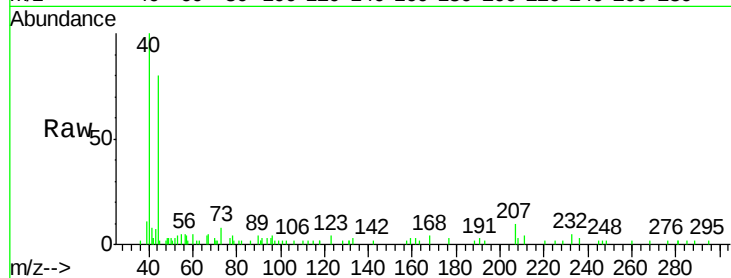




#69
o-Xylene
Concen: 56.780 ug/l
RT: 10.81 min Scan# 1042
Delta R.T. -0.02 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

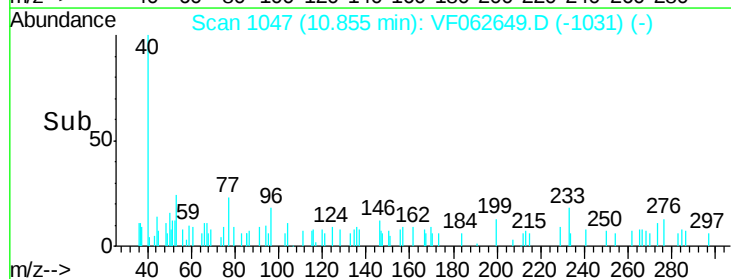
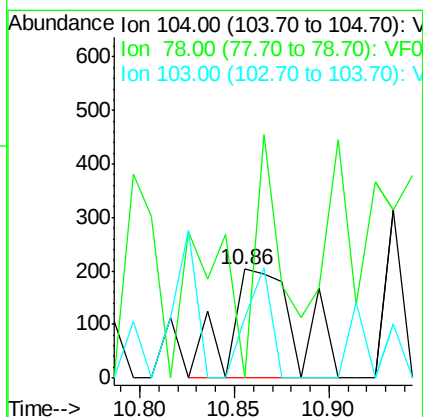
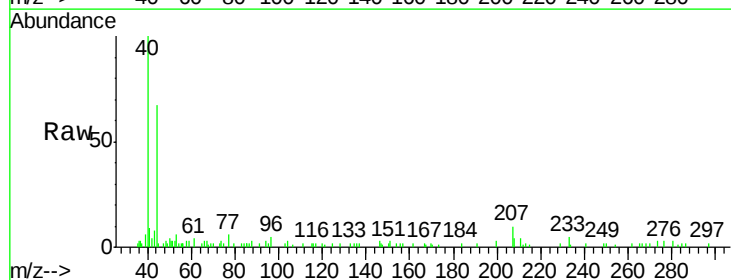
Instrument :
MSVOA_F
ClientSampleId :
SB-02-9-10

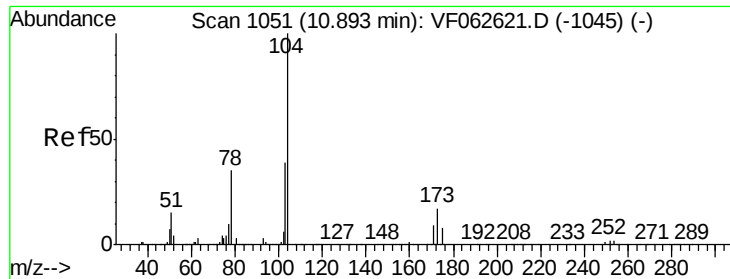
Tot Ion:106 Resp: 72
Ion Ratio Lower Upper
106 100
91 227.0 100.2 300.5



#70
Styrene
Concen: 266.686 ug/l
RT: 10.86 min Scan# 1047
Delta R.T. -0.04 min
Lab File: VF062649.D
Acq: 17 May 2019 20:15

Tgt Ion:104 Resp: 514
Ion Ratio Lower Upper
104 100
78 0.0 31.9 47.9#
103 56.2 36.1 54.1#





#71

Bromoform

Concen: 166.181 ug/l

RT: 10.86 min Scan# 1047

Delta R.T. -0.04 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampled :

SB-02-9-10

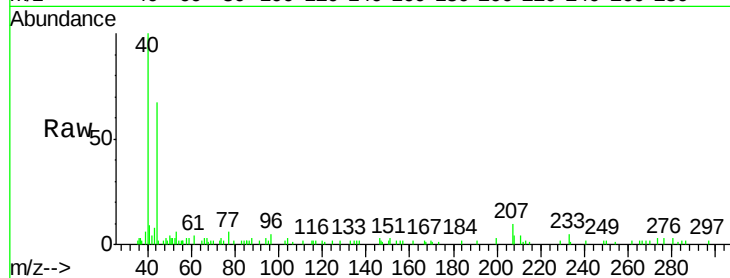
Tot Ion:173 Resp: 63

Ion Ratio Lower Upper

173 100

175 0.0 25.3 75.9#

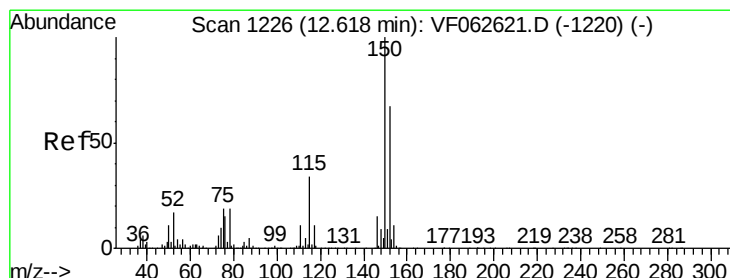
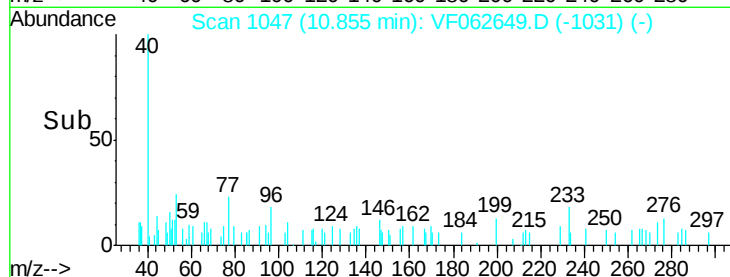
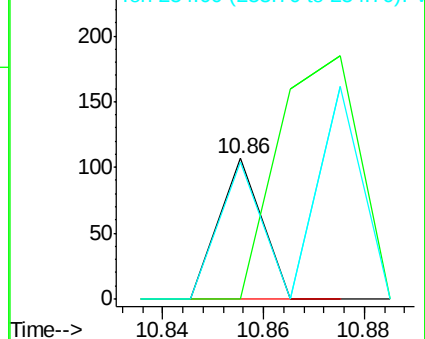
254 97.2 0.2 0.2#



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: 12.68 min Scan# 1232

Delta R.T. 0.06 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

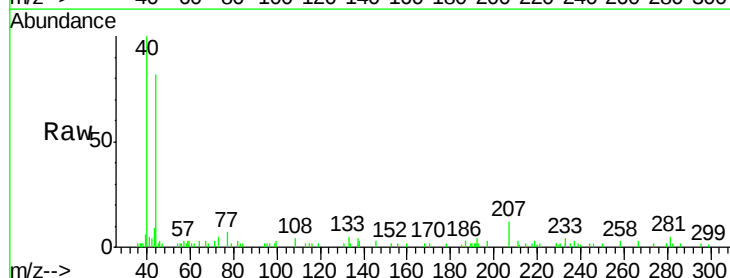
Tgt Ion:152 Resp: 91

Ion Ratio Lower Upper

152 100

115 92.2 25.2 75.6#

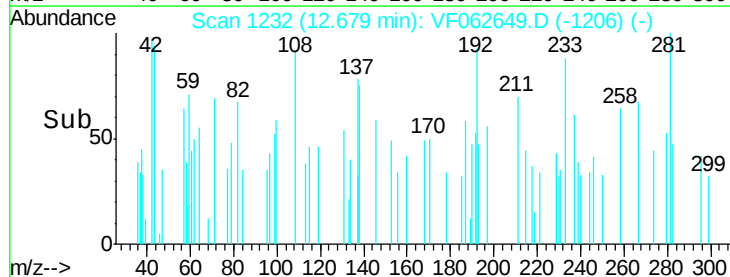
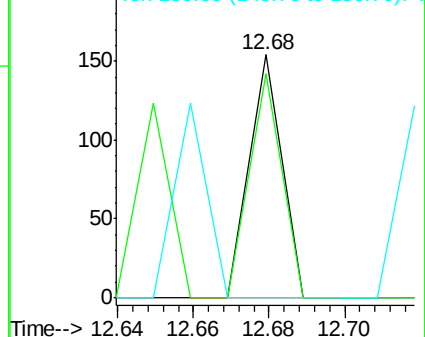
150 0.0 0.0 306.2

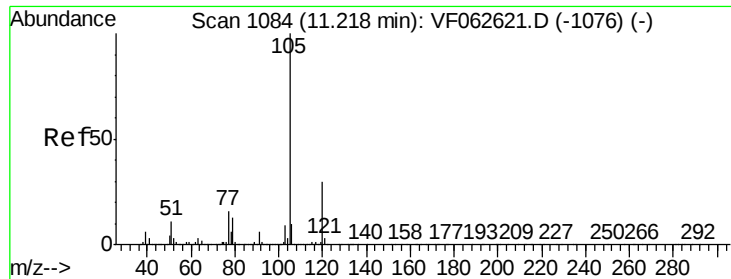


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 9.199 ug/l

RT: 11.25 min Scan# 1087

Delta R.T. 0.03 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

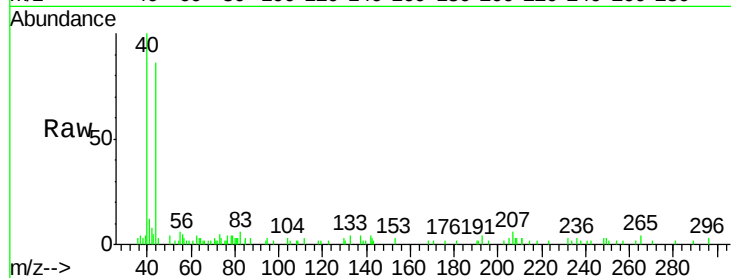
SB-02-9-10

Tot Ion:105 Resp: 60

Ion Ratio Lower Upper

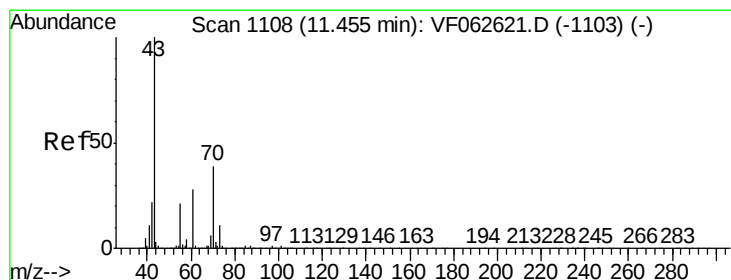
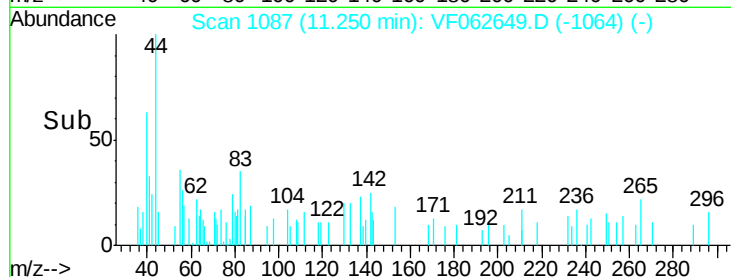
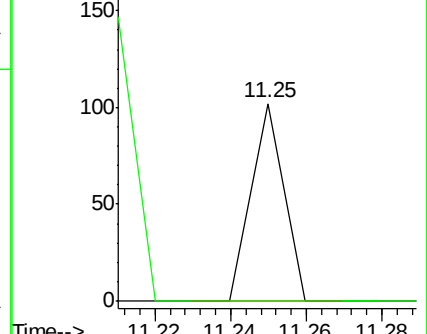
105 100

120 0.0 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: 980.871 ug/l

RT: 11.46 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Tgt Ion: 43 Resp: 1461

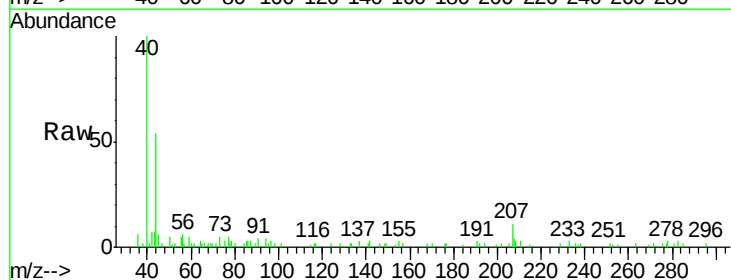
Ion Ratio Lower Upper

43 100

70 23.0 30.9 46.3#

55 75.1 17.0 25.4#

61 34.2 22.6 34.0#

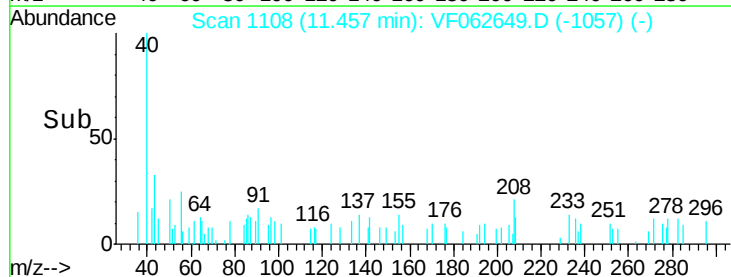
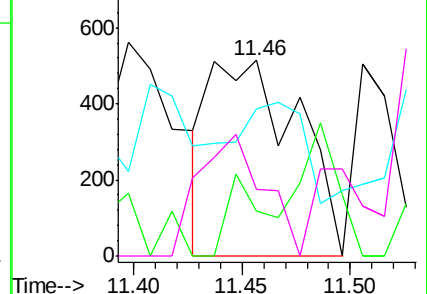


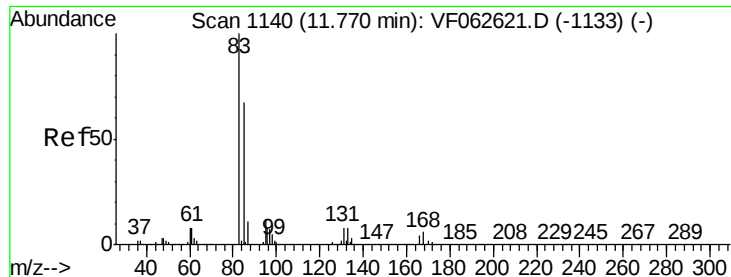
Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 193.565 ug/l

RT: 11.76 min Scan# 1139

Delta R.T. -0.01 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

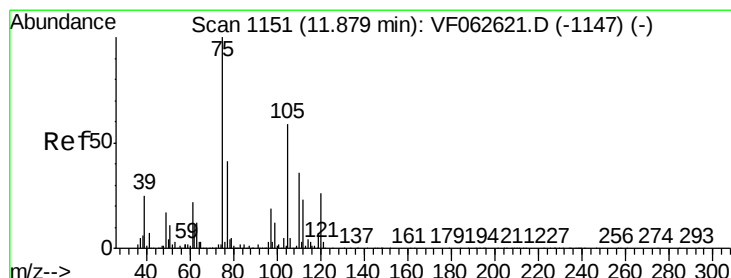
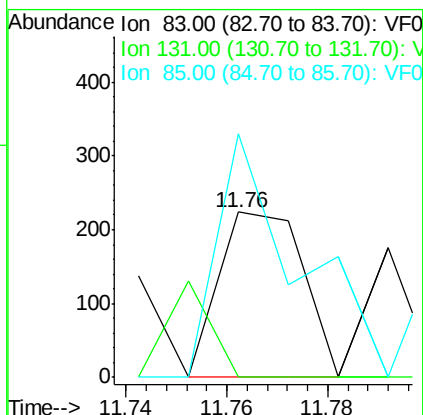
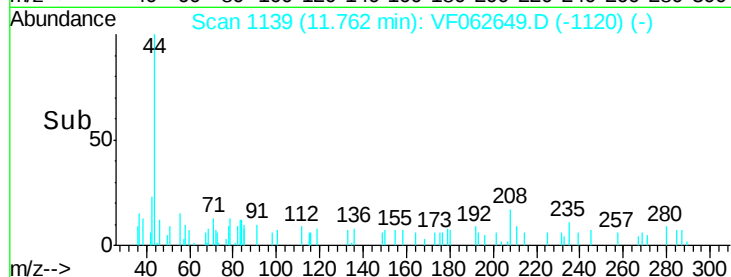
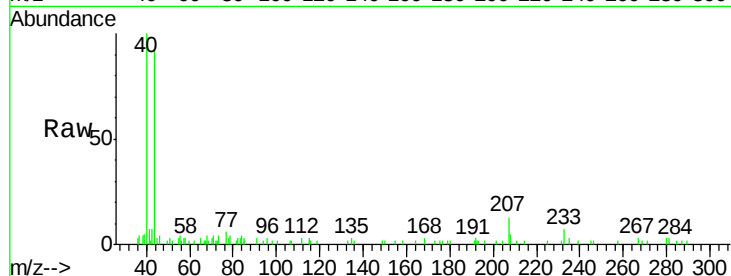
Tot Ion: 83 Resp: 258

Ion Ratio Lower Upper

83 100

131 0.0 4.0 12.0#

85 147.3 33.5 100.5#



#76

1,2,3-Trichloropropane

Concen: 199.820 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. 0.01 min

Lab File: VF062649.D

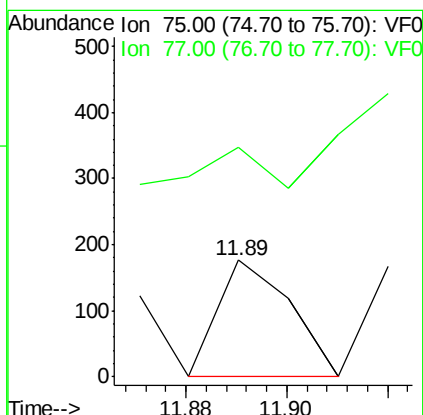
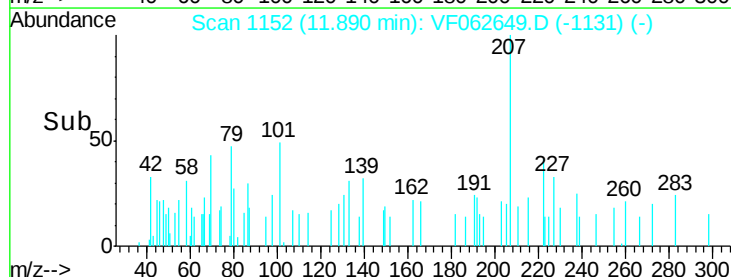
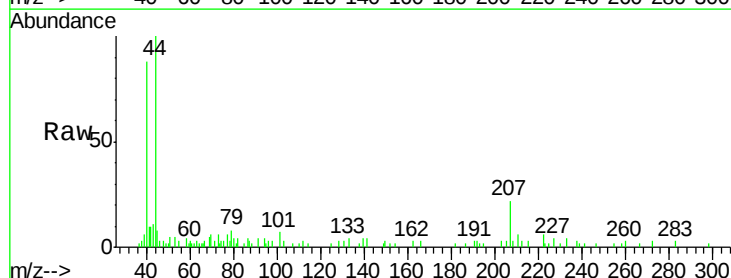
Acq: 17 May 2019 20:15

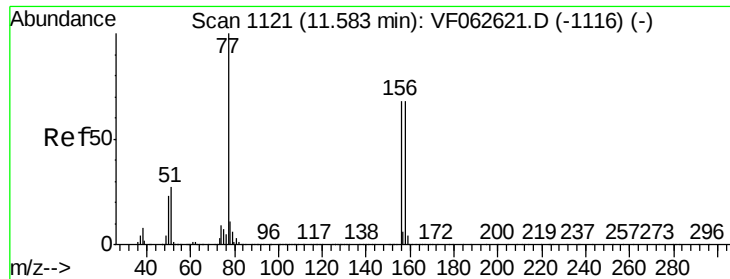
Tgt Ion: 75 Resp: 175

Ion Ratio Lower Upper

75 100

77 197.2 20.6 61.8#





#77

Bromobenzene

Concen: 188.750 ug/l

RT: 11.57 min Scan# 1119

Delta R.T. -0.02 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

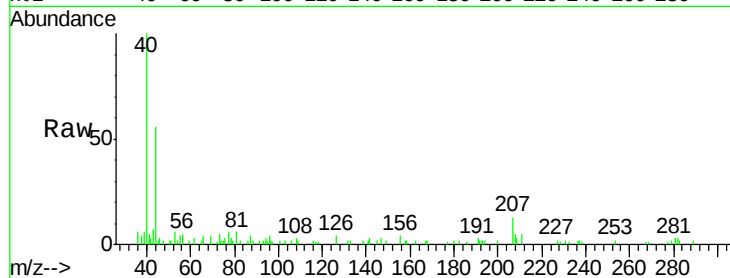
Tot Ion:156 Resp: 306

Ion Ratio Lower Upper

156 100

77 158.1 73.6 220.8

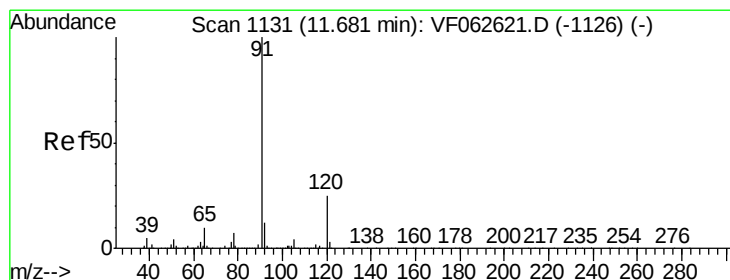
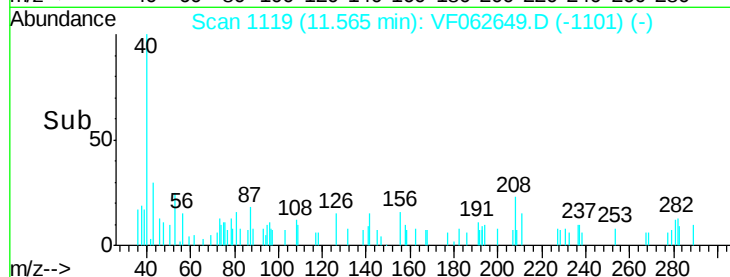
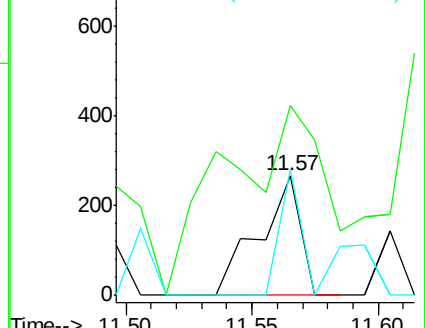
158 105.2 49.6 148.8



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: 91.207 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VF062649.D

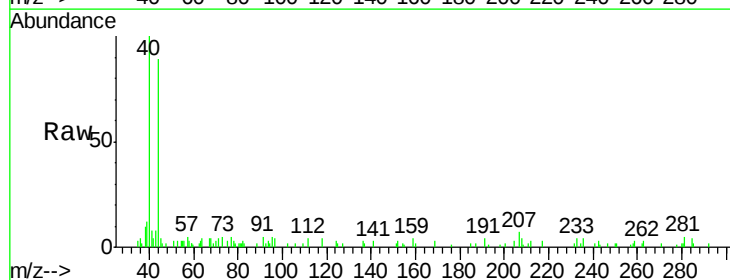
Acq: 17 May 2019 20:15

Tgt Ion: 91 Resp: 704

Ion Ratio Lower Upper

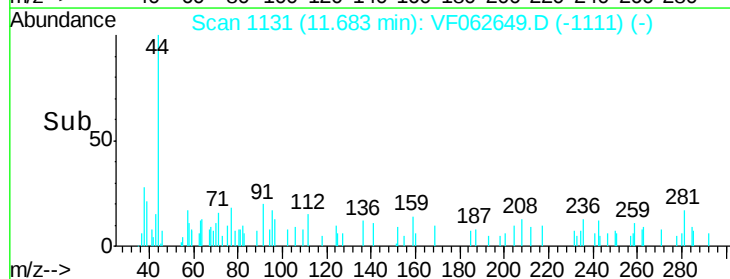
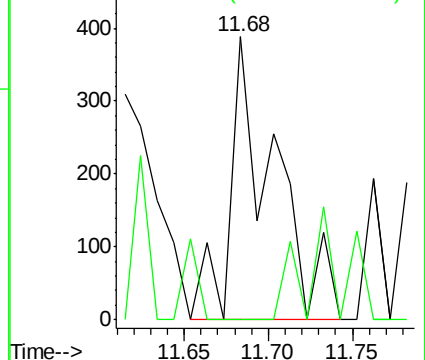
91 100

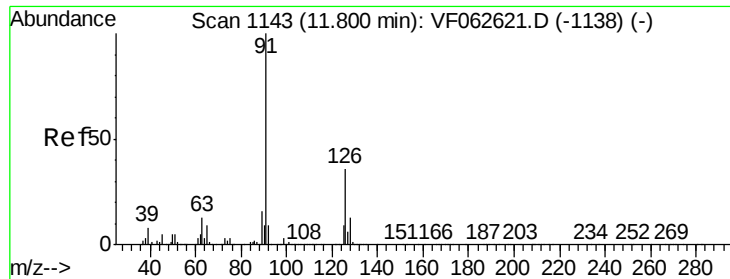
120 0.0 12.7 38.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 102.759 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampled :

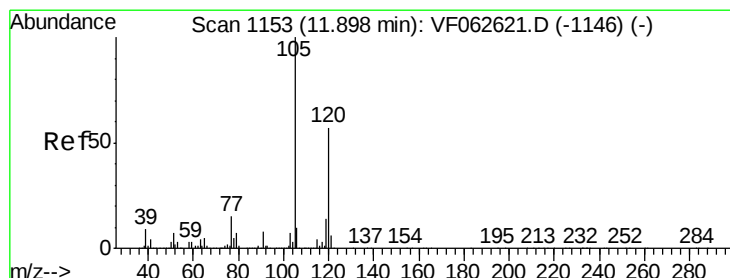
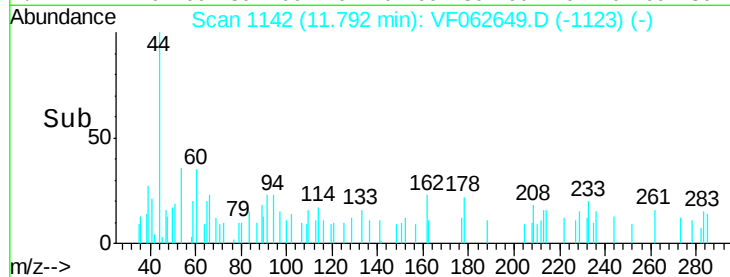
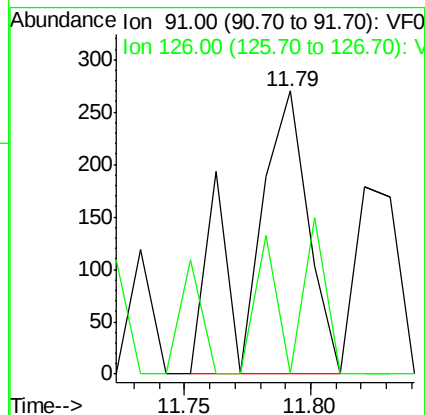
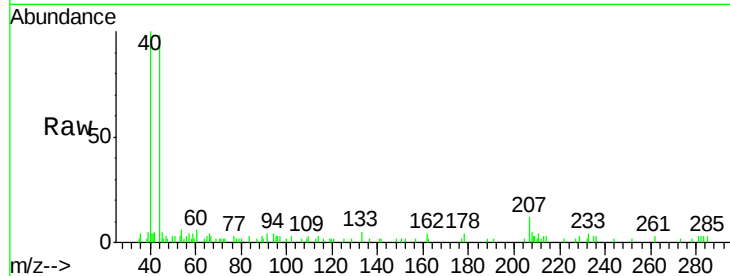
SB-02-9-10

Tot Ion: 91 Resp: 447

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



#80

1,3,5-Trimethylbenzene

Concen: 34.227 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VF062649.D

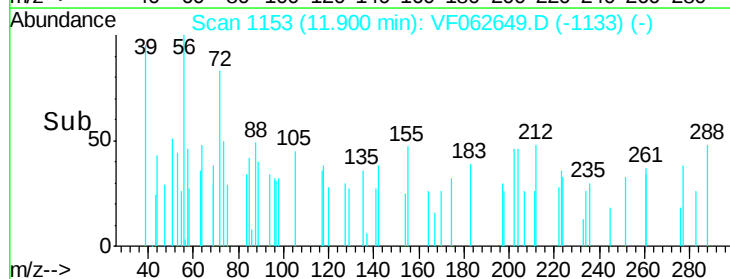
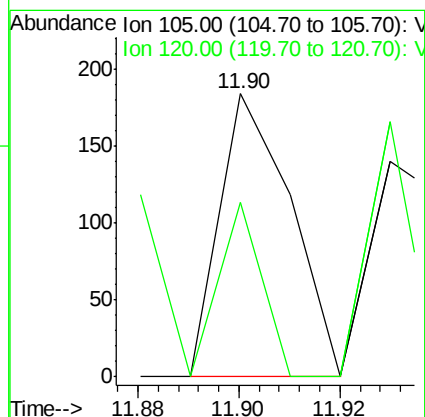
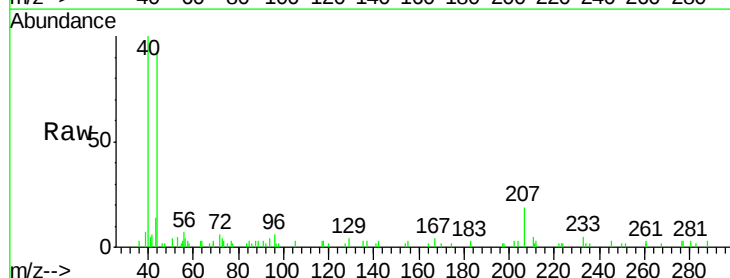
Acq: 17 May 2019 20:15

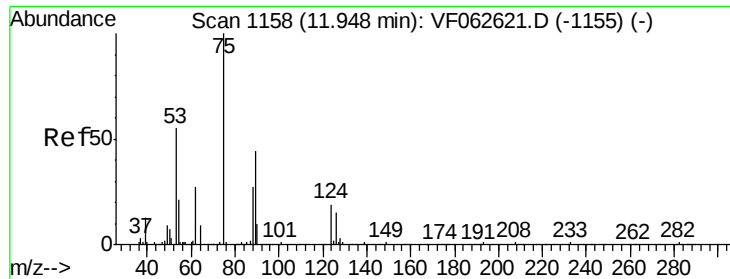
Tgt Ion: 105 Resp: 179

Ion Ratio Lower Upper

105 100

120 61.4 28.7 86.3





#81

trans-1,4-Dichloro-2-butene

Concen: 588.245 ug/l

RT: 11.98 min Scan# 1161

Delta R.T. 0.03 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

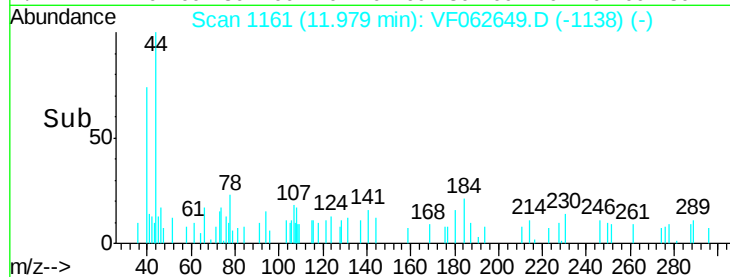
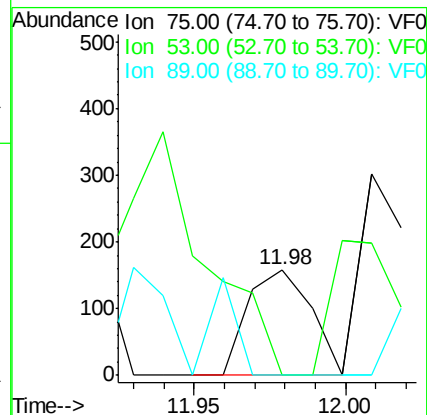
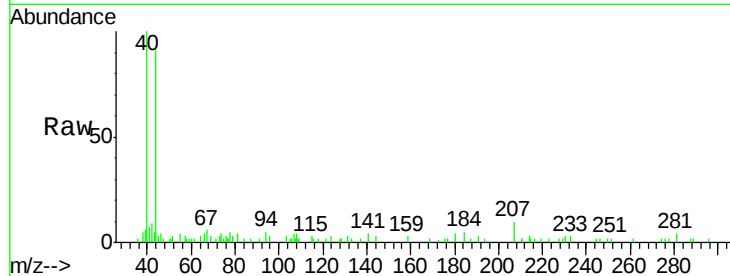
Tot Ion: 75 Resp: 229

Ion Ratio Lower Upper

75 100

53 0.0 46.9 70.3#

89 0.0 36.4 54.6#



#82

4-Chlorotoluene

Concen: 108.866 ug/l

RT: 11.96 min Scan# 1159

Delta R.T. -0.02 min

Lab File: VF062649.D

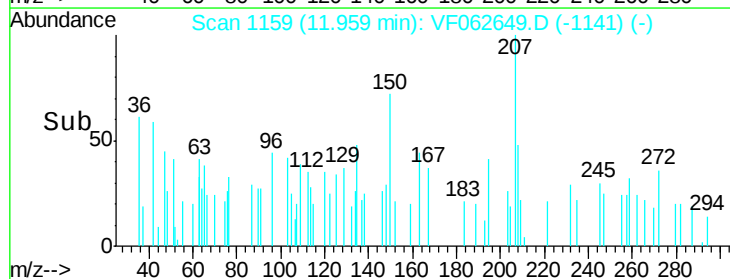
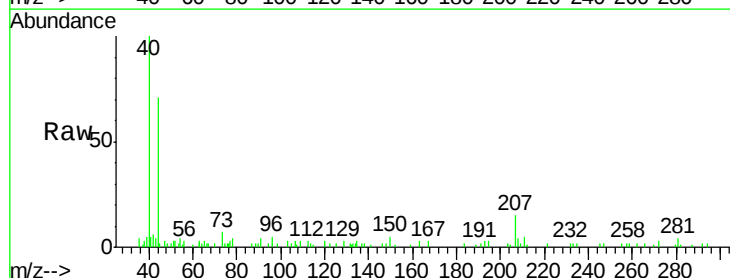
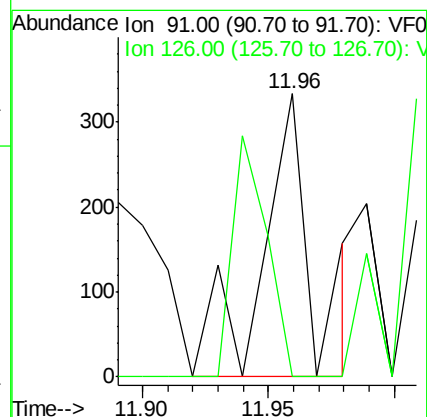
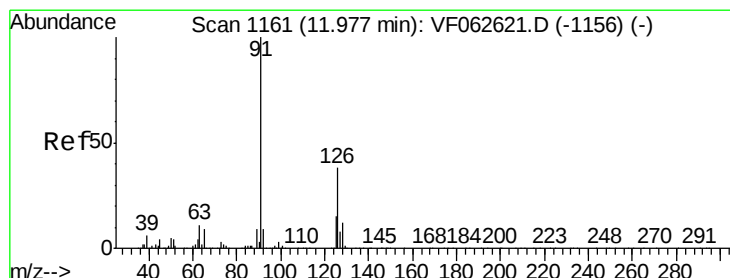
Acq: 17 May 2019 20:15

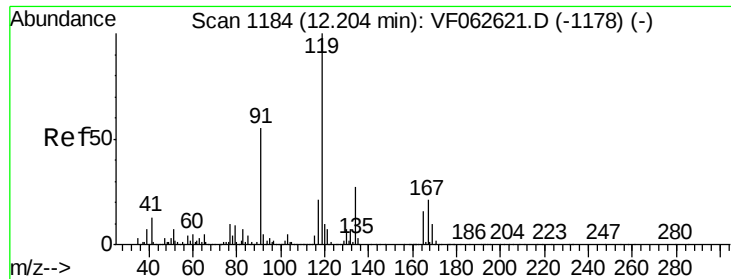
Tgt Ion: 91 Resp: 467

Ion Ratio Lower Upper

91 100

126 0.0 19.1 57.1#





#83

tert-Butylbenzene

Concen: 36.941 ug/l

RT: 12.19 min Scan# 1182

Delta R.T. -0.02 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleID :

SB-02-9-10

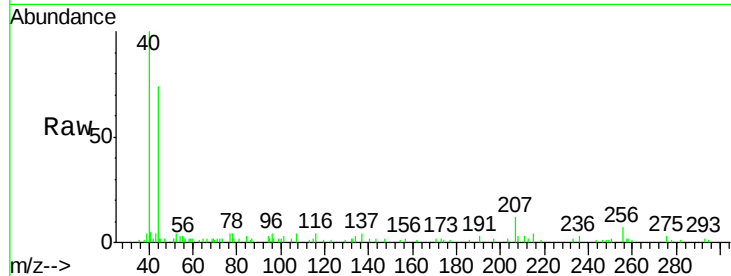
Tot Ion:119 Resp: 196

Ion Ratio Lower Upper

119 100

91 0.0 27.3 81.9#

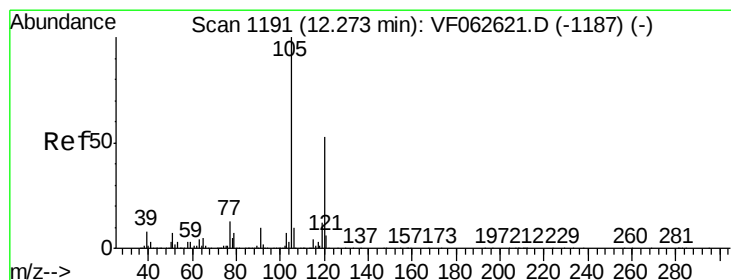
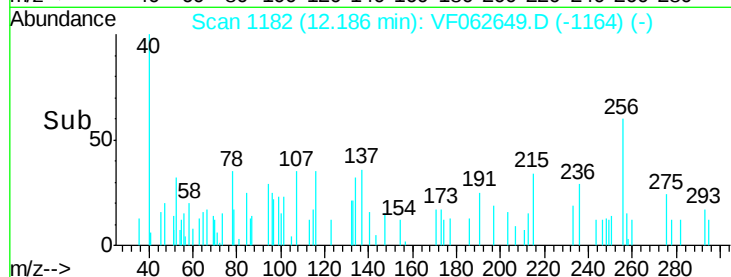
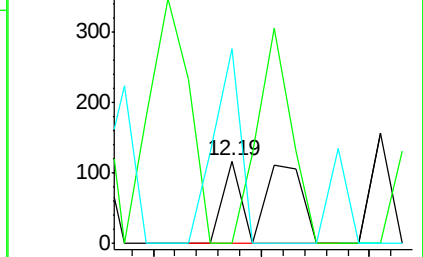
134 237.9 13.6 40.7#



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: 59.664 ug/l

RT: 12.21 min Scan# 1184

Delta R.T. -0.07 min

Lab File: VF062649.D

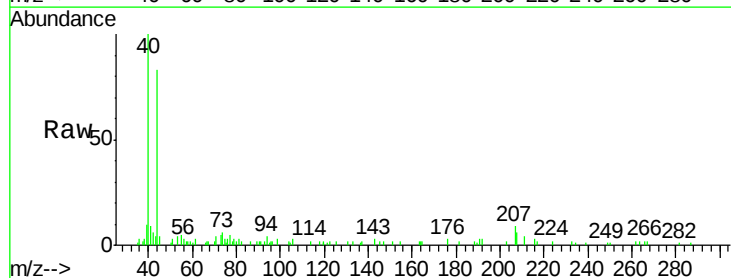
Acq: 17 May 2019 20:15

Tgt Ion:105 Resp: 302

Ion Ratio Lower Upper

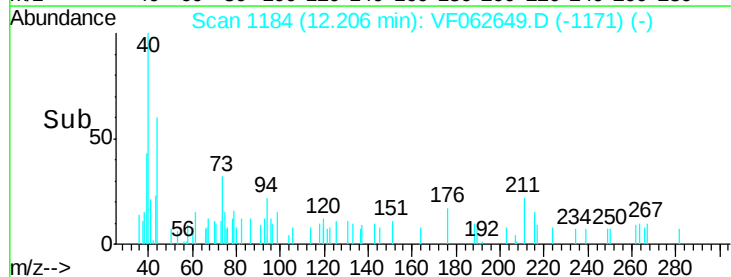
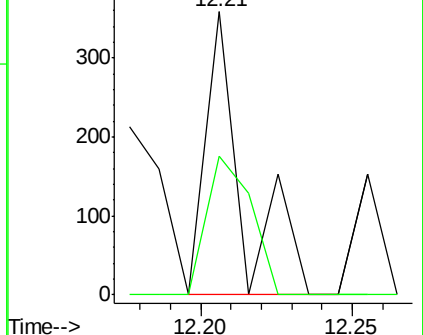
105 100

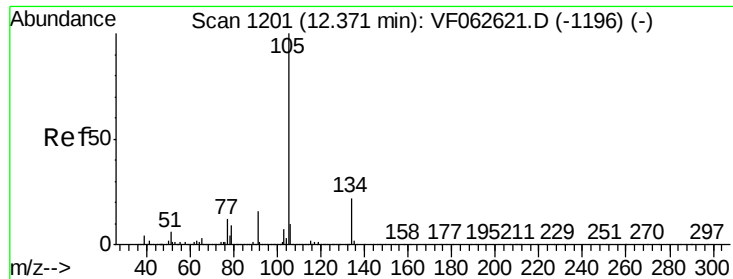
120 49.2 26.7 80.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

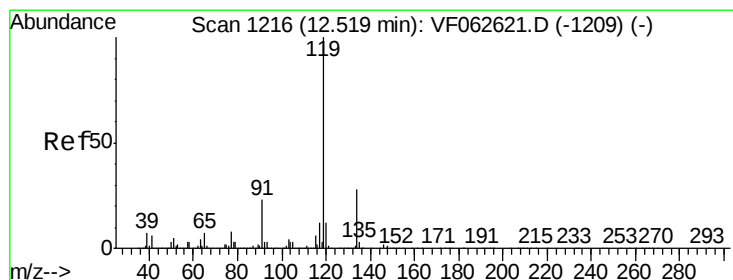
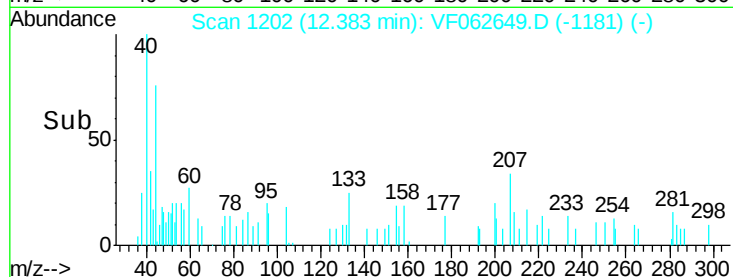
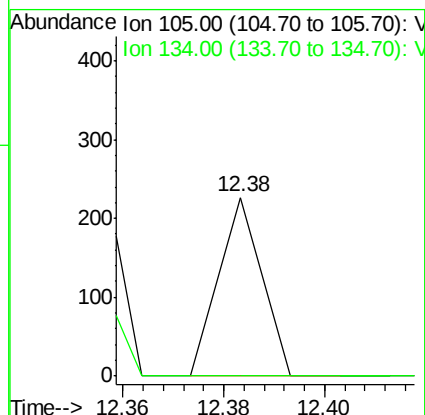
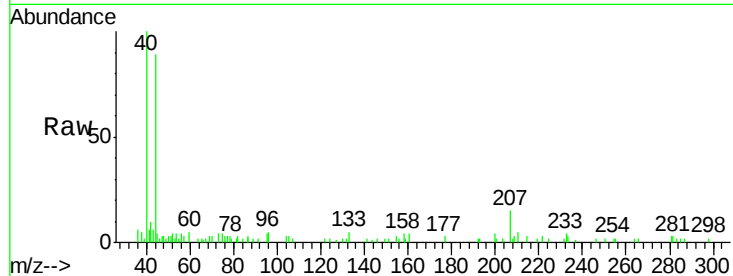




#85
 sec-Butylbenzene
 Concen: 18.819 ug/l
 RT: 12.38 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VF062649.D
 Acq: 17 May 2019 20:15

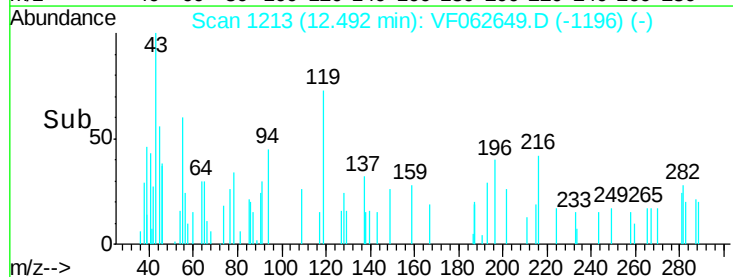
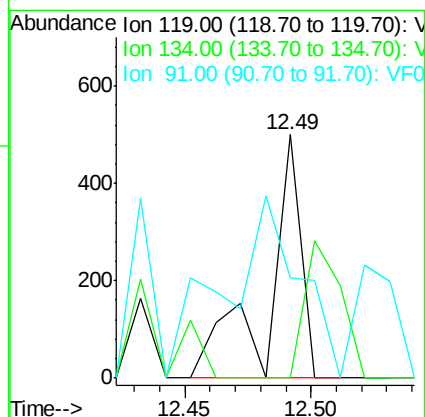
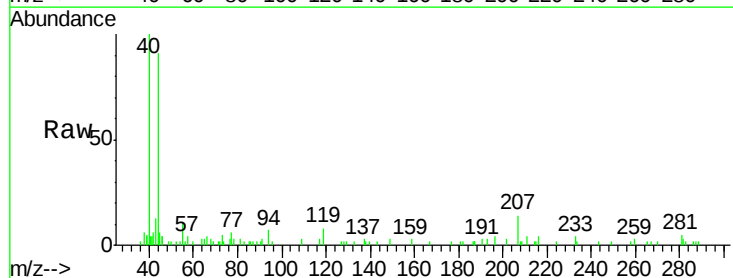
Instrument :
 MSVOA_F
 ClientSampled :
 SB-02-9-10

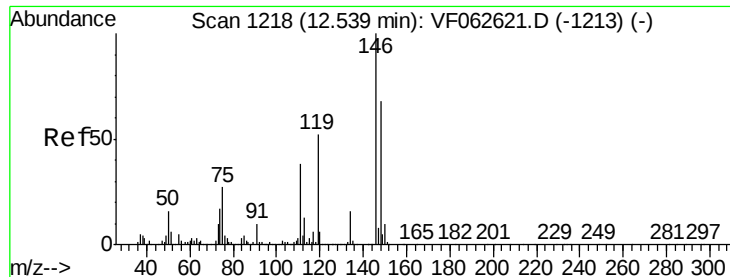
Tot Ion:105 Resp: 134
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#



#86
 p-Isopropyltoluene
 Concen: 75.656 ug/l
 RT: 12.49 min Scan# 1213
 Delta R.T. -0.03 min
 Lab File: VF062649.D
 Acq: 17 May 2019 20:15

Tgt Ion:119 Resp: 454
 Ion Ratio Lower Upper
 119 100
 134 0.0 14.1 42.3#
 91 41.2 11.4 34.2#





#87

1,3-Dichlorobenzene

Concen: 23.866 ug/l

RT: 12.59 min Scan# 1223

Delta R.T. 0.05 min

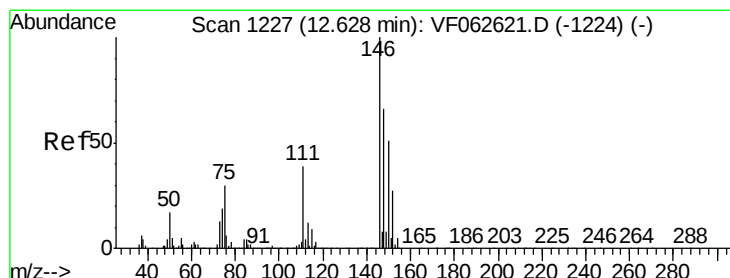
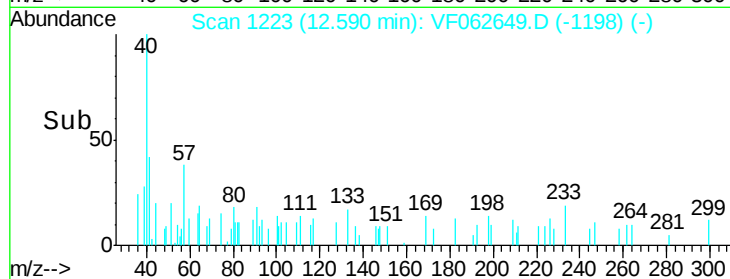
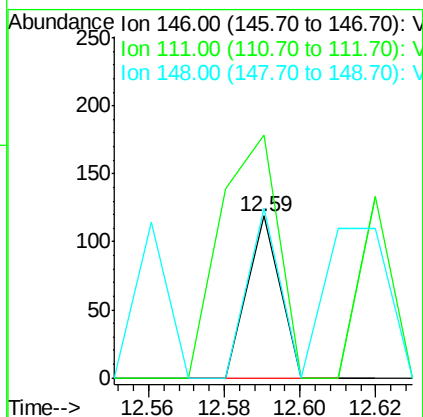
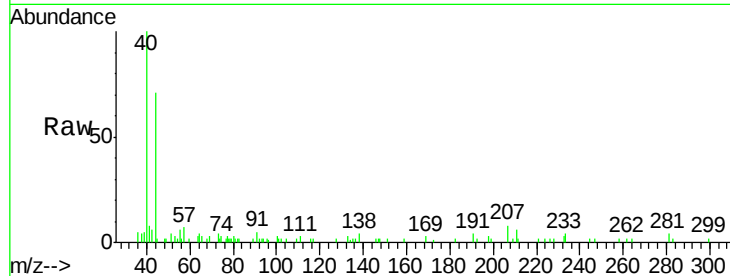
Lab File: VF062649.D

Acq: 17 May 2019 20:15

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

Tot Ion:146 Resp: 70

Ion	Ratio	Lower	Upper
146	100		
111	150.4	18.9	56.9#
148	105.0	34.0	101.8#



#88

1,4-Dichlorobenzene

Concen: 51.227 ug/l

RT: 12.64 min Scan# 1228

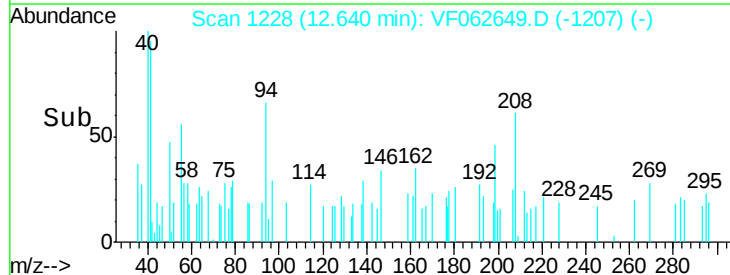
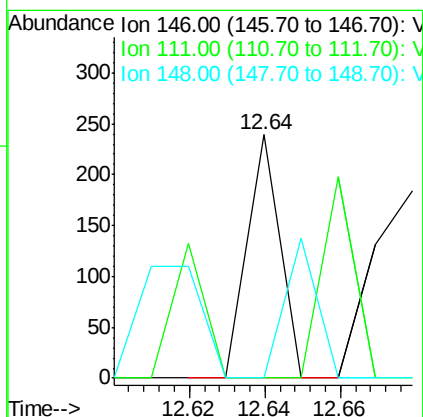
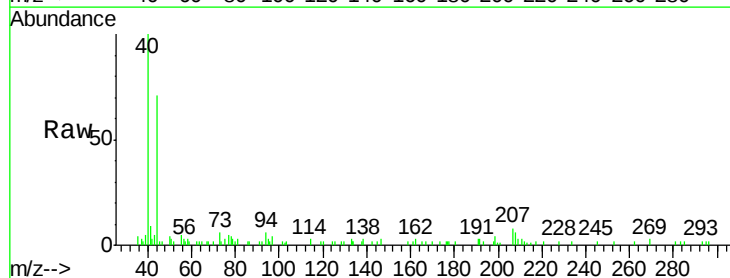
Delta R.T. 0.01 min

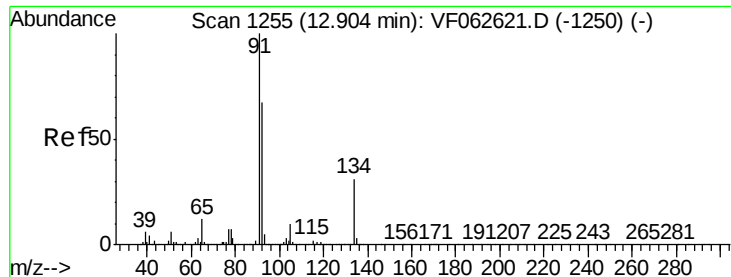
Lab File: VF062649.D

Acq: 17 May 2019 20:15

Tgt Ion:146 Resp: 141

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





#89

n-Butylbenzene

Concen: 82.818 ug/l

RT: 12.93 min Scan# 1257

Delta R.T. 0.02 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampleId :

SB-02-9-10

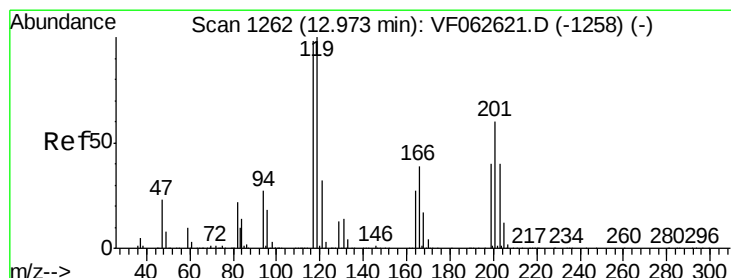
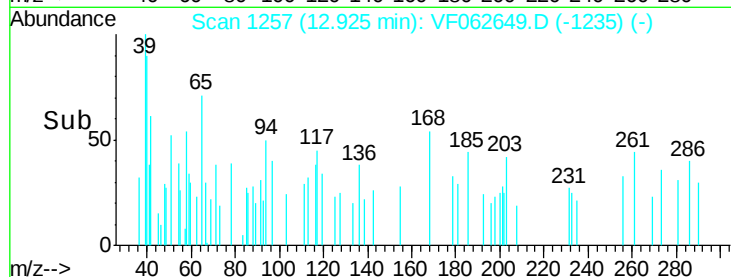
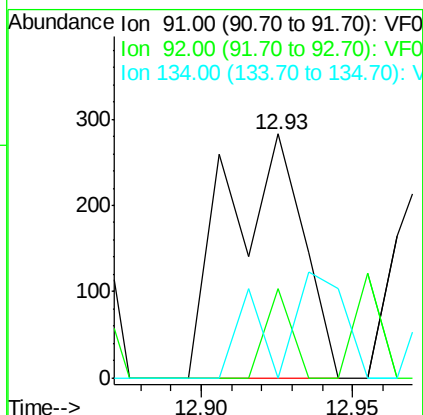
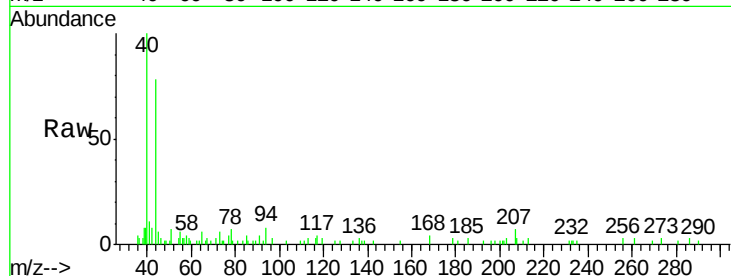
Tot Ion: 91 Resp: 490

Ion Ratio Lower Upper

91 100

92 36.7 33.3 99.8

134 0.0 15.4 46.4#



#90

Hexachloroethane

Concen: 234.799 ug/l

RT: 12.93 min Scan# 1257

Delta R.T. -0.05 min

Lab File: VF062649.D

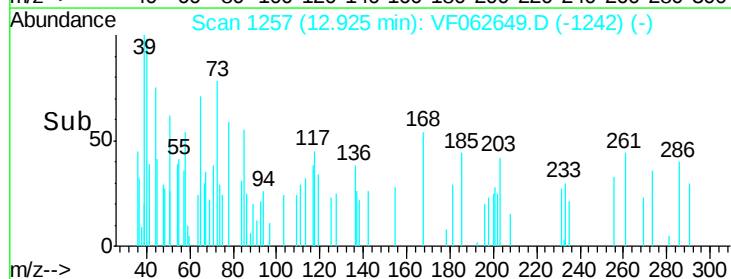
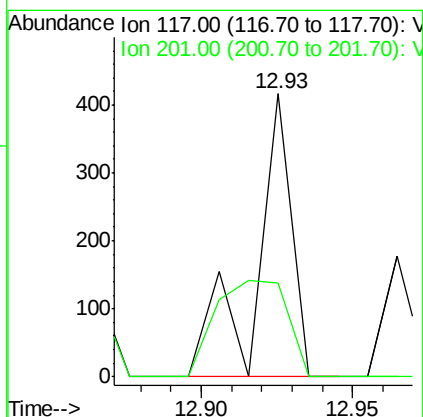
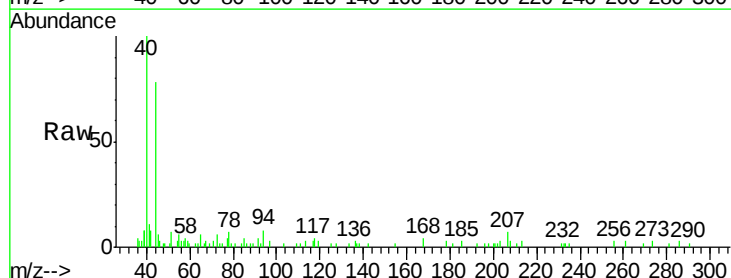
Acq: 17 May 2019 20:15

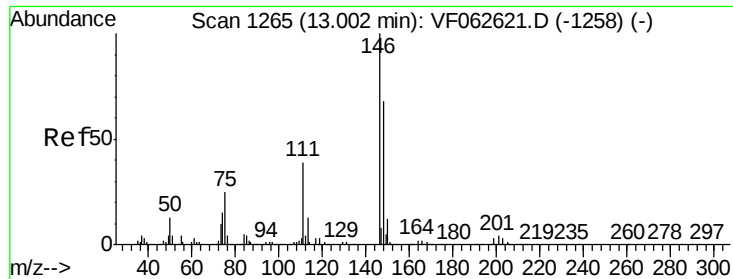
Tgt Ion: 117 Resp: 338

Ion Ratio Lower Upper

117 100

201 62.8 30.7 92.1

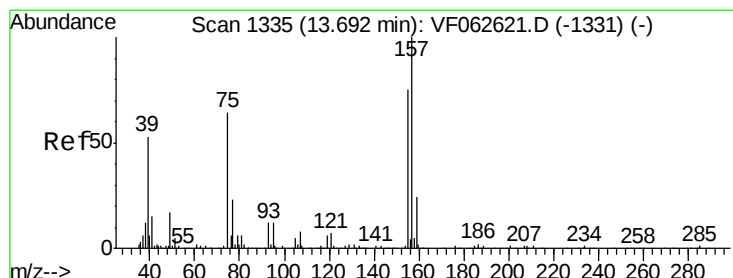
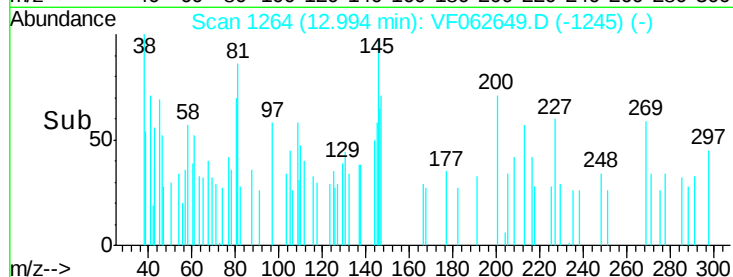
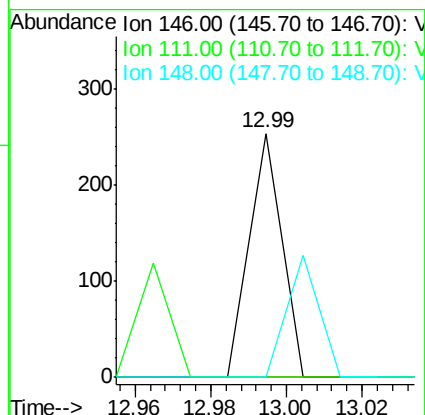
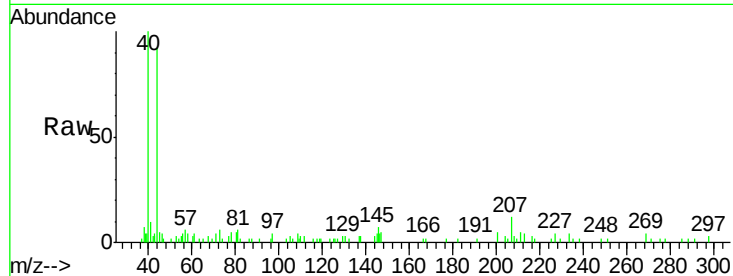




#91
 1,2-Dichlorobenzene
 Concen: 57.372 ug/l
 RT: 12.99 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VF062649.D
 Acq: 17 May 2019 20:15

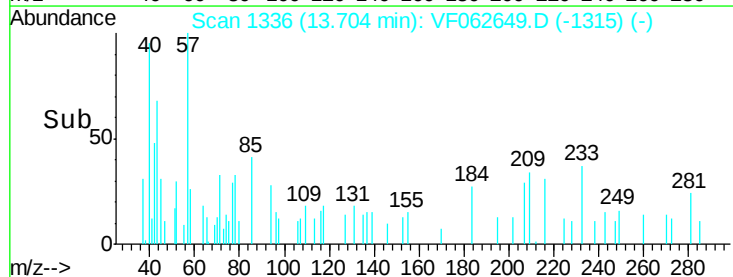
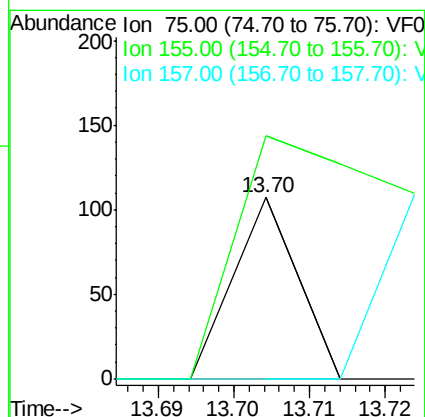
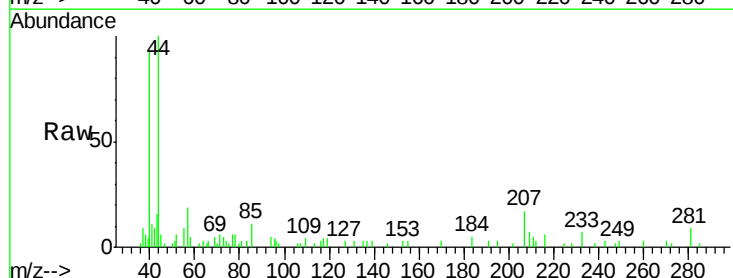
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-02-9-10

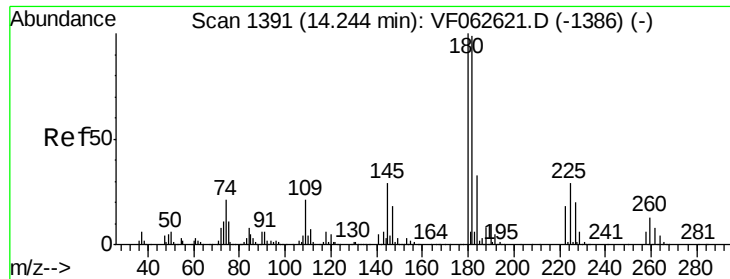
Tot Ion:146 Resp: 150
 Ion Ratio Lower Upper
 146 100
 111 61.7 19.8 59.3#
 148 0.0 34.1 102.2#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 396.206 ug/l
 RT: 13.70 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: VF062649.D
 Acq: 17 May 2019 20:15

Tgt Ion: 75 Resp: 63
 Ion Ratio Lower Upper
 75 100
 155 134.6 58.1 174.3
 157 0.0 77.8 233.4#

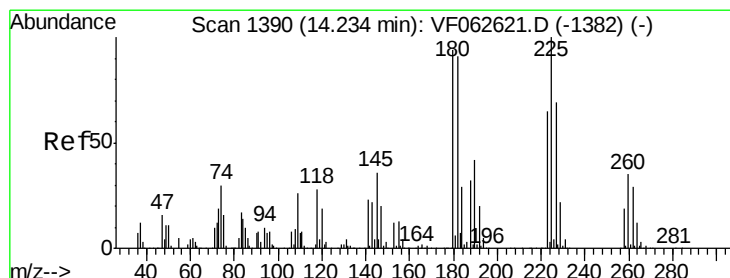
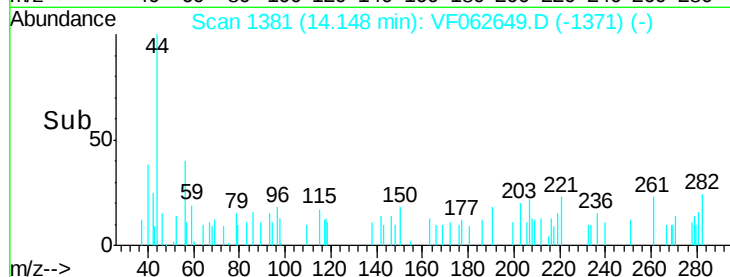
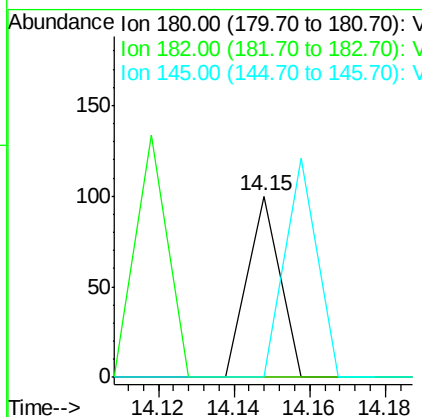
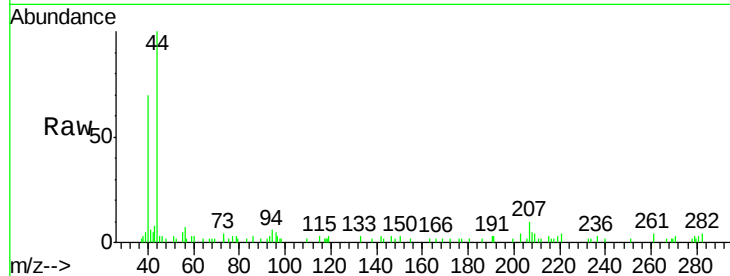




#93
 1,2,4-Trichlorobenzene
 Concen: 31.526 ug/l
 RT: 14.15 min Scan# 1381
 Delta R.T. -0.10 min
 Lab File: VF062649.D
 Acq: 17 May 2019 20:15

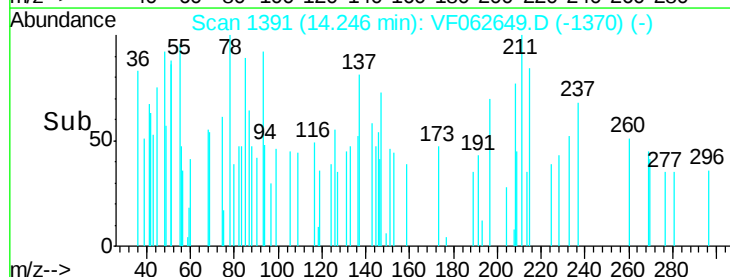
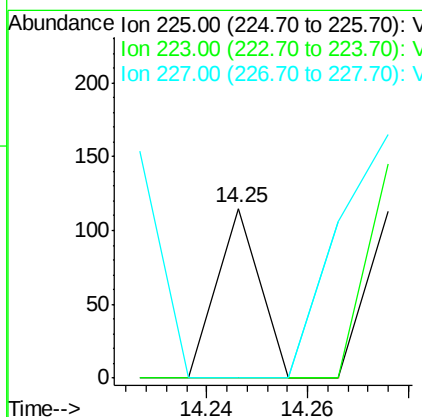
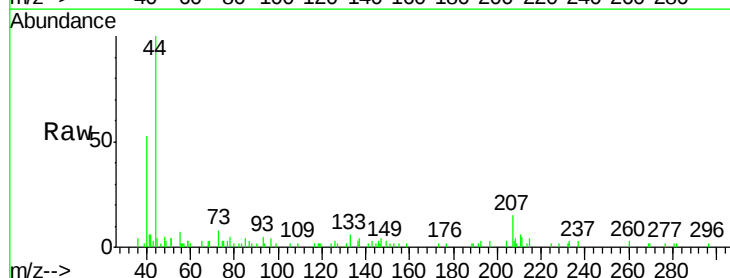
Instrument :
 MSVOA_F
 ClientSampled :
 SB-02-9-10

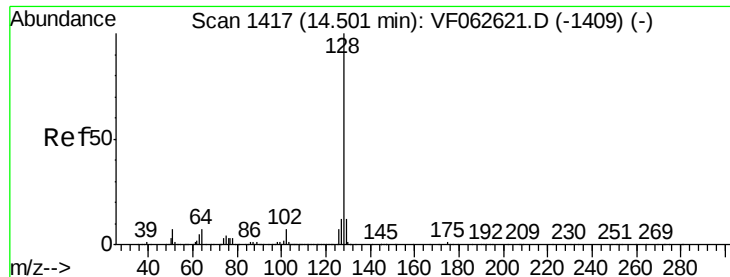
Tot Ion:180 Resp: 59
 Ion Ratio Lower Upper
 180 100
 182 0.0 49.7 149.1#
 145 0.0 14.6 44.0#



#94
 Hexachlorobutadiene
 Concen: 52.066 ug/l
 RT: 14.25 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: VF062649.D
 Acq: 17 May 2019 20:15

Tgt Ion:225 Resp: 68
 Ion Ratio Lower Upper
 225 100
 223 0.0 32.5 97.4#
 227 0.0 34.5 103.5#





#95

Naphthalene

Concen: 111.473 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. 0.02 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

Instrument :

MSVOA_F

ClientSampled :

SB-02-9-10

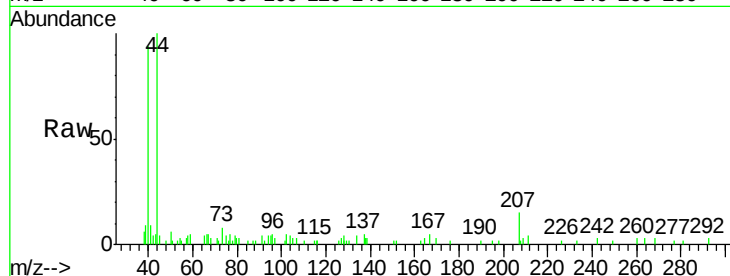
Tot Ion:128 Resp: 379

Ion Ratio Lower Upper

128 100

127 46.2 9.7 14.5#

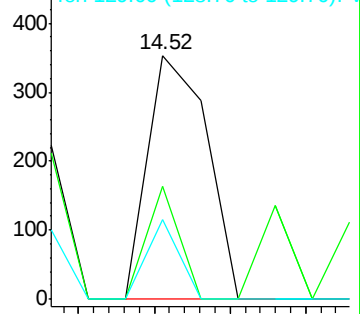
129 32.6 9.3 13.9#



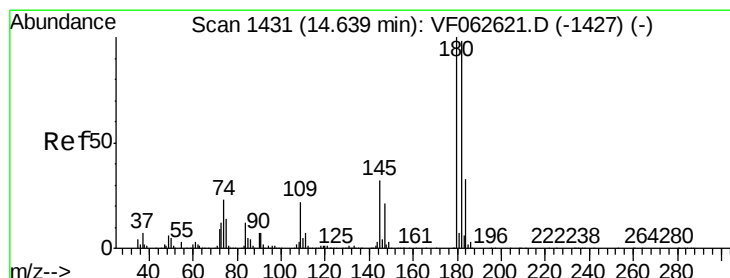
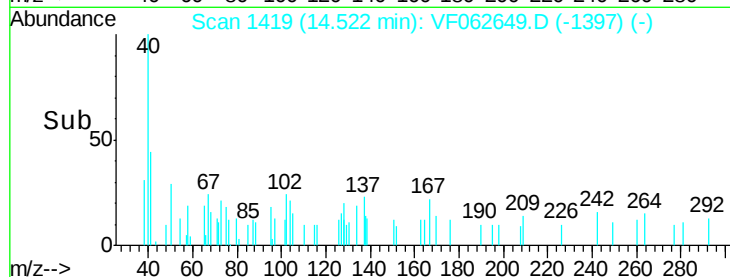
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 40.617 ug/l

RT: 14.65 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VF062649.D

Acq: 17 May 2019 20:15

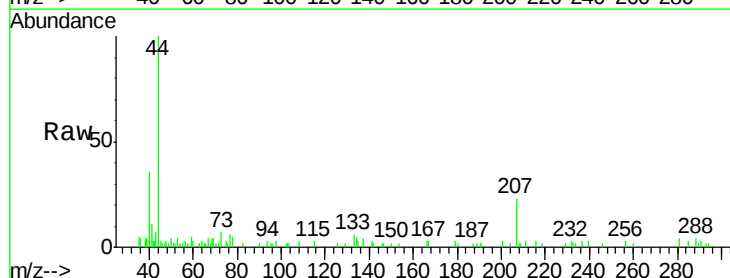
Tgt Ion:180 Resp: 72

Ion Ratio Lower Upper

180 100

182 0.0 48.9 146.7#

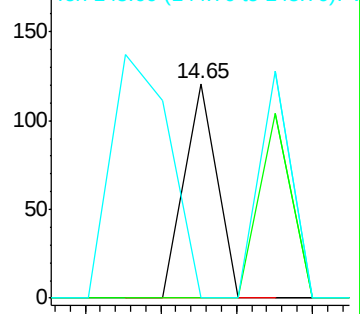
145 0.0 16.1 48.2#



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



Time-->

