

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
 Data File : VF062639.D
 Acq On : 17 May 2019 15:34
 Operator : FY/SY
 Sample : K2822-03
 Misc : 5.02g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: May 18 01:38:55 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	5.06	168	267	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.67	114	299	50.00	ug/l	-0.12
63) Chlorobenzene-d5	9.71	117	85	50.00	ug/l	-0.21
72) 1,4-Dichlorobenzene-d4	12.68	152	185	50.00	ug/l	0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	654	346.63	ug/l	-0.01
Spiked Amount			Recovery	=	693.26%	
35) Dibromofluoromethane	4.27	113	63	27.54	ug/l	-0.05
Spiked Amount			Recovery	=	55.08%	
50) Toluene-d8	7.49	98	269	49.24	ug/l	-0.23
Spiked Amount			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.25	95	519	250.50	ug/l	-0.26
Spiked Amount			Recovery	=	501.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.99	85	70	19.265	ug/l #	41
3) Chloromethane	1.09	50	314	93.854	ug/l #	87
4) Vinyl Chloride	1.30	62	562	182.490	ug/l	91
5) Bromomethane	1.37	94	750	445.169	ug/l	90
6) Chloroethane	1.43	64	283	250.212	ug/l #	1
7) Trichlorofluoromethane	1.54	101	89	21.523	ug/l #	1
8) Diethyl Ether	1.71	74	811	990.010	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	1.93	101	174	66.084	ug/l #	1
10) Methyl Iodide	1.97	142	85	16.434	ug/l #	47
11) Tert butyl alcohol	2.68	59	554	4447.476	ug/l #	9
12) 1,1-Dichloroethene	1.85	96	1271	529.908	ug/l #	7
13) Acrolein	2.14	56	1159	8913.453	ug/l #	44
14) Allyl chloride	2.18	41	2478	1141.511	ug/l #	44
15) Acrylonitrile	3.07	53	675	1921.018	ug/l #	71
16) Acetone	2.33	43	224	457.624	ug/l #	1
17) Carbon Disulfide	1.93	76	448	63.017	ug/l #	34
18) Methyl Acetate	2.48	43	506	657.832	ug/l #	52
19) Methyl tert-butyl Ether	2.61	73	1121	261.443	ug/l	100
20) Methylene Chloride	2.35	84	338	137.762	ug/l #	16
21) trans-1,2-Dichloroethene	2.45	96	570	243.135	ug/l #	1
22) Diisopropyl ether	2.95	45	464	86.664	ug/l #	71
23) Vinyl Acetate	3.39	43	704	194.922	ug/l #	20
24) 1,1-Dichloroethane	3.06	63	520	132.392	ug/l #	37
25) 2-Butanone	4.51	43	1340	1281.339	ug/l #	50
26) 2,2-Dichloropropane	3.86	77	1110	493.926	ug/l	92
27) cis-1,2-Dichloroethene	3.65	96	714	185.153	ug/l	27
28) Bromochloromethane	3.90	49	190	86.252	ug/l #	3
29) Tetrahydrofuran	4.27	42	99	233.937	ug/l #	30
30) Chloroform	3.99	83	90	16.504	ug/l	100
31) Cyclohexane	3.91	56	548	103.911	ug/l #	27
32) 1,1,1-Trichloroethane	4.31	97	358	98.851	ug/l #	36
36) 1,1-Dichloropropene	4.39	75	481	156.993	ug/l #	1
37) Ethyl Acetate	4.22	43	931	744.225	ug/l #	21
38) Carbon Tetrachloride	4.12	117	545	236.521	ug/l #	41

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
 Data File : VF062639.D
 Acq On : 17 May 2019 15:34
 Operator : FY/SY
 Sample : K2822-03
 Misc : 5.02g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: May 18 01:38:55 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)
39) Methylcyclohexane	5.62	83	274	74.324	ug/l	89
40) Benzene	4.71	78	656	78.594	ug/l #	73
41) Methacrylonitrile	4.80	41	2343	3572.483	ug/l #	45
42) 1,2-Dichloroethane	5.02	62	283	170.025	ug/l	71
43) Isopropyl Acetate	6.99	43	1191	734.880	ug/l #	43
44) Trichloroethene	5.57	130	66	28.134	ug/l	1
45) 1,2-Dichloropropane	6.25	63	474	224.964	ug/l	89
46) Dibromomethane	6.08	93	226	185.597	ug/l #	3
47) Bromodichloromethane	6.43	83	737	291.542	ug/l #	71
48) Methyl methacrylate	6.74	41	306	361.233	ug/l #	41
49) 1,4-Dioxane	6.73	88	83	7650.074	ug/l #	1
51) 4-Methyl-2-Pentanone	8.21	43	719	649.039	ug/l #	32
52) Toluene	7.63	92	111	25.358	ug/l #	21
53) t-1,3-Dichloropropene	8.26	75	661	319.608	ug/l #	1
54) cis-1,3-Dichloropropene	7.31	75	655	226.247	ug/l #	1
55) 1,1,2-Trichloroethane	8.48	97	326	251.527	ug/l #	61
56) Ethyl methacrylate	8.60	69	678	439.084	ug/l #	67
57) 1,3-Dichloropropane	8.79	76	483	218.788	ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.33	63	70	139.272	ug/l #	1
59) 2-Hexanone	9.41	43	1345	1990.211	ug/l	97
60) Dibromochloromethane	8.80	129	320	189.437	ug/l	83
61) 1,2-Dibromoethane	9.05	107	183	132.933	ug/l	85
64) Tetrachloroethene	8.34	164	69	102.466	ug/l #	16
65) Chlorobenzene	9.96	112	65	38.934	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	10.07	131	216	322.288	ug/l #	42
67) Ethyl Benzene	10.01	91	424	146.194	ug/l #	42
68) m/p-Xylenes	10.29	106	264	242.192	ug/l #	1
69) o-Xylene	10.67	106	72	64.128	ug/l	56
70) Styrene	10.88	104	89	52.153	ug/l #	1
71) Bromoform	10.91	173	71	211.520	ug/l #	27
73) Isopropylbenzene	11.22	105	171	12.897	ug/l #	1
74) N-amyl acetate	11.46	43	1024	334.203	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	11.79	83	316	116.618	ug/l #	90
76) 1,2,3-Trichloropropane	11.93	75	1194	670.617	ug/l	85
77) Bromobenzene	11.41	156	182	55.221	ug/l	49
78) n-propylbenzene	11.70	91	222	14.147	ug/l #	54
79) 2-Chlorotoluene	11.83	91	190	21.485	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.83	105	378	35.554	ug/l	78
81) trans-1,4-Dichloro-2-buten	11.93	75	1194	1508.678	ug/l #	41
82) 4-Chlorotoluene	12.10	91	241	27.635	ug/l	96
83) tert-Butylbenzene	12.23	119	230	21.323	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.14	105	193	18.756	ug/l	97
85) sec-Butylbenzene	12.31	105	603	41.656	ug/l	84
86) p-Isopropyltoluene	12.64	119	1042	85.413	ug/l	86
87) 1,3-Dichlorobenzene	12.59	146	153	25.659	ug/l #	71
88) 1,4-Dichlorobenzene	12.62	146	253	45.213	ug/l #	24
89) n-Butylbenzene	12.94	91	654	54.372	ug/l #	25
90) Hexachloroethane	12.96	117	166	56.723	ug/l #	20
91) 1,2-Dichlorobenzene	13.01	146	71	13.358	ug/l #	52
92) 1,2-Dibromo-3-Chloropropan	13.70	75	659	2038.619	ug/l #	13

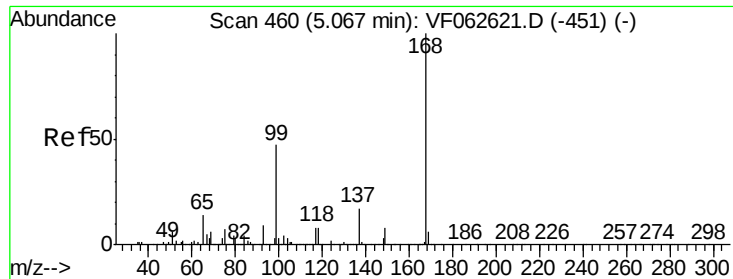
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051719\
Data File : VF062639.D
Acq On : 17 May 2019 15:34
Operator : FY/SY
Sample : K2822-03
Misc : 5.02g/5mL/MSVOA F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :

Quant Time: May 18 01:38:55 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)
93) 1,2,4-Trichlorobenzene	14.24	180	257	67.549	ug/l #	11
94) Hexachlorobutadiene	14.23	225	79	29.754	ug/l #	16
95) Naphthalene	14.50	128	505	73.062	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.64	180	329	91.293	ug/l #	83

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

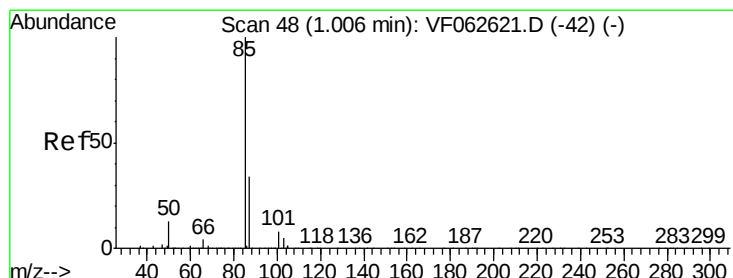
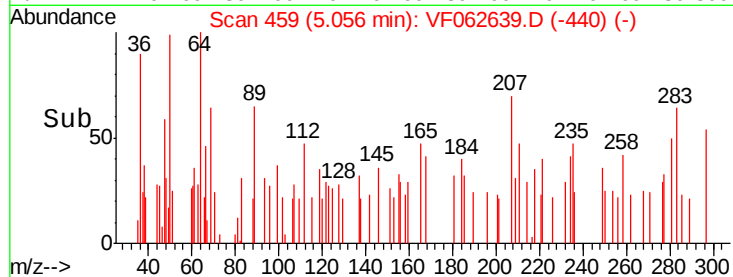
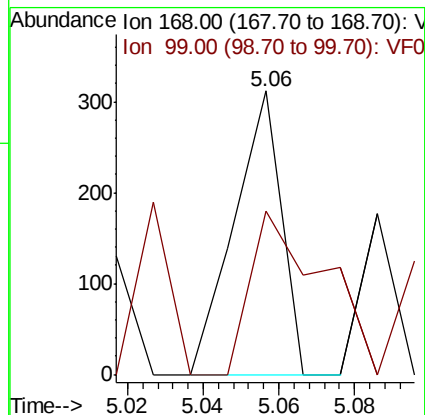
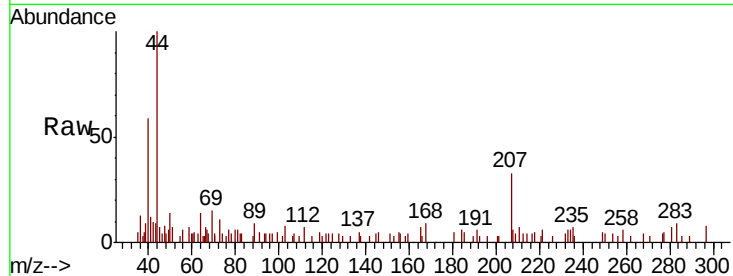


#1

Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.06 min Scan# 459
Delta R.T. -0.01 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Instrument :
MSVOA_F
ClientSampleId :

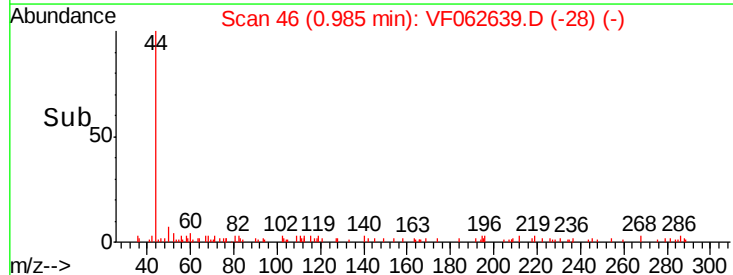
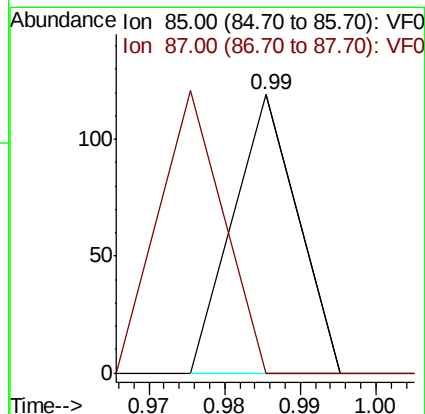
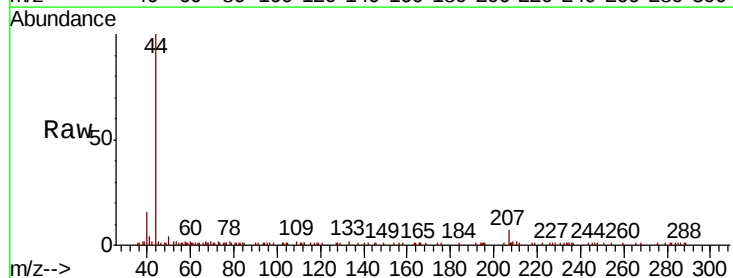
Tot Ion:168 Resp: 267
Ion Ratio Lower Upper
168 100
99 57.7 37.8 56.8#

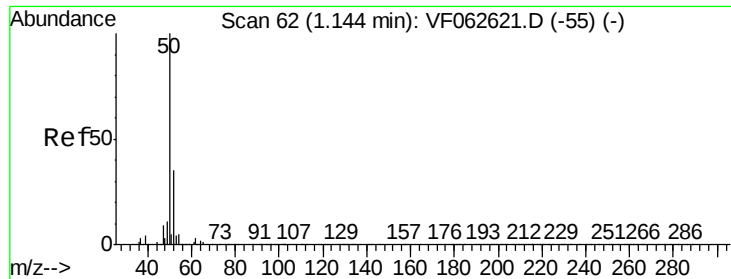


#2

Dichlorodifluoromethane
Concen: 19.265 ug/l
RT: 0.99 min Scan# 46
Delta R.T. -0.02 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion: 85 Resp: 70
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.3#





#3

Chloromethane

Concen: 93.854 ug/l

RT: 1.09 min Scan# 57

Delta R.T. -0.05 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

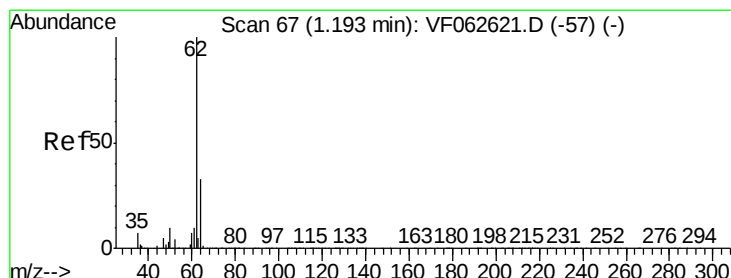
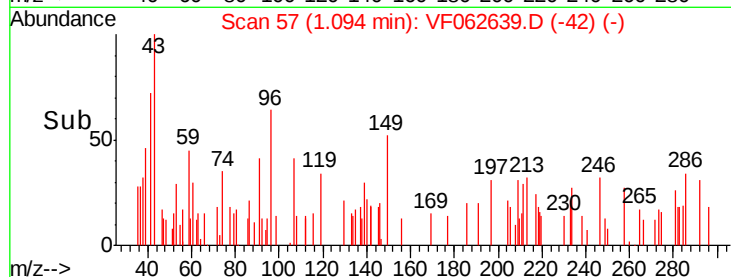
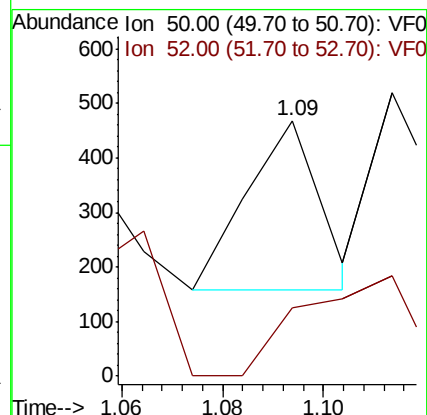
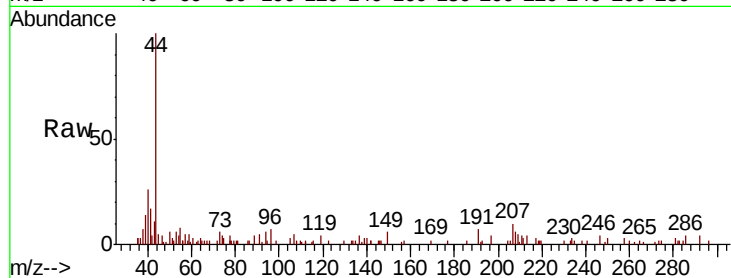
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 50 Resp: 314

Ion Ratio Lower Upper

50 100

52 26.7 27.5 41.3#



#4

Vinyl Chloride

Concen: 182.490 ug/l

RT: 1.30 min Scan# 78

Delta R.T. 0.11 min

Lab File: VF062639.D

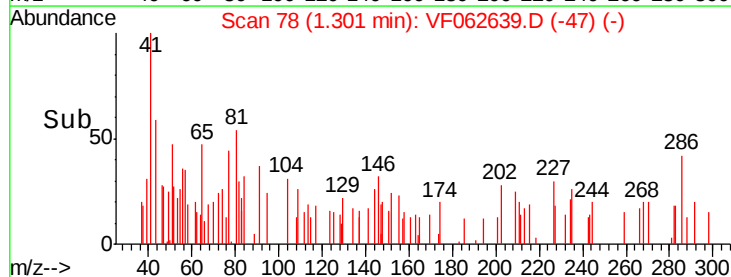
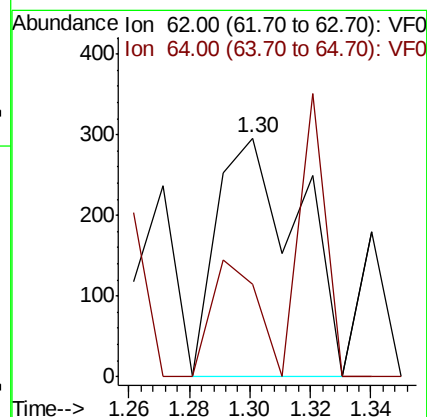
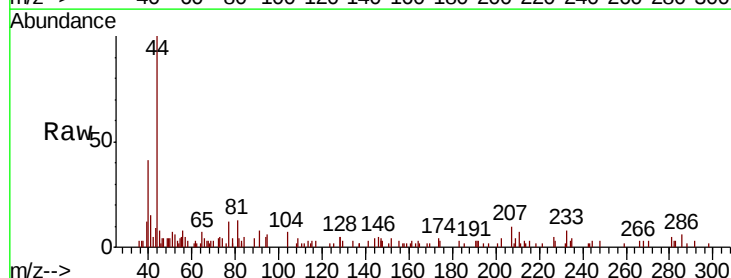
Acq: 17 May 2019 15:34

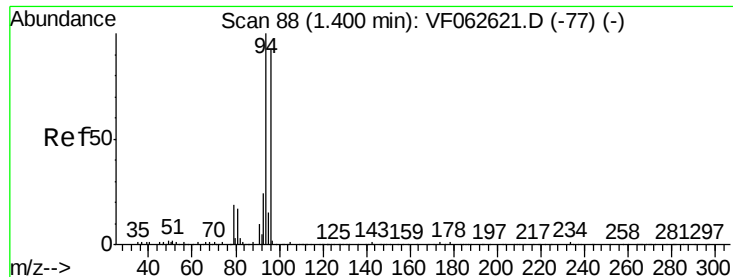
Tgt Ion: 62 Resp: 562

Ion Ratio Lower Upper

62 100

64 38.5 26.7 40.1





#5

Bromomethane

Concen: 445.169 ug/l

RT: 1.37 min Scan# 85

Delta R.T. -0.03 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

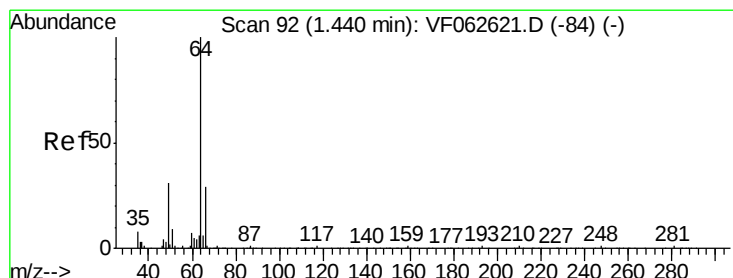
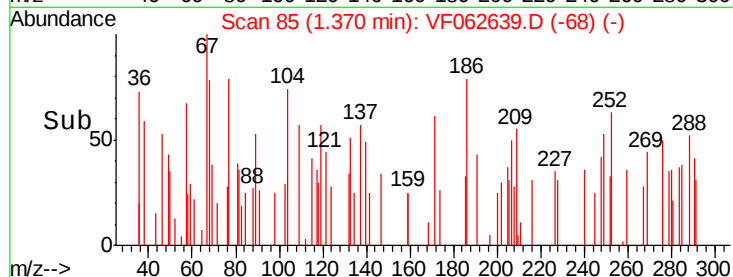
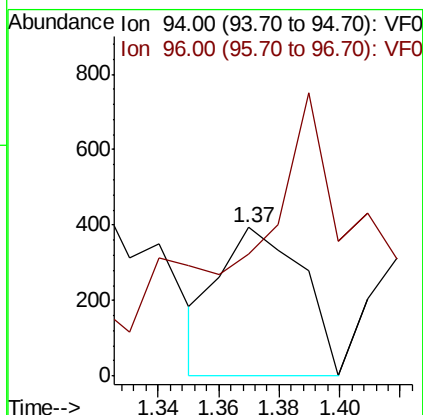
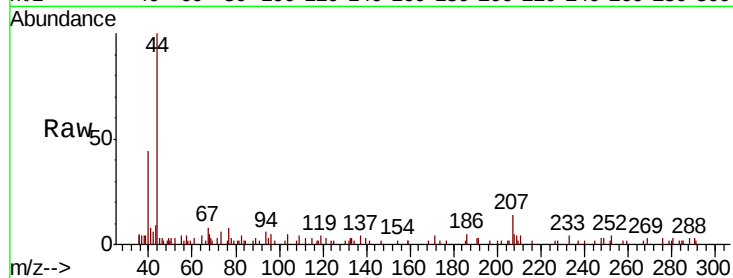
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 94 Resp: 750

Ion Ratio Lower Upper

94 100

96 82.4 73.2 109.8



#6

Chloroethane

Concen: 250.212 ug/l

RT: 1.43 min Scan# 91

Delta R.T. -0.01 min

Lab File: VF062639.D

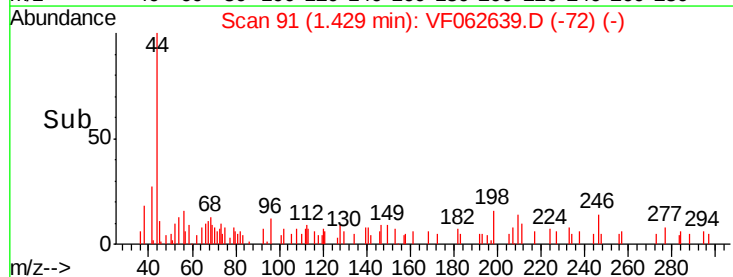
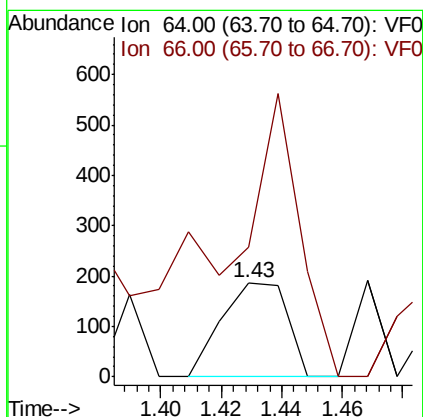
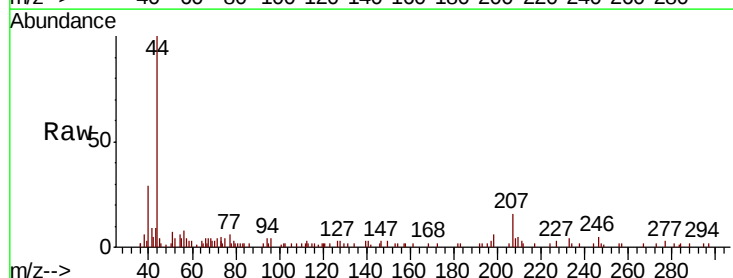
Acq: 17 May 2019 15:34

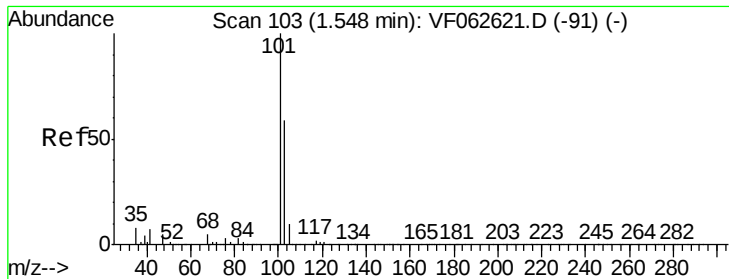
Tgt Ion: 64 Resp: 283

Ion Ratio Lower Upper

64 100

66 137.4 23.4 35.2#



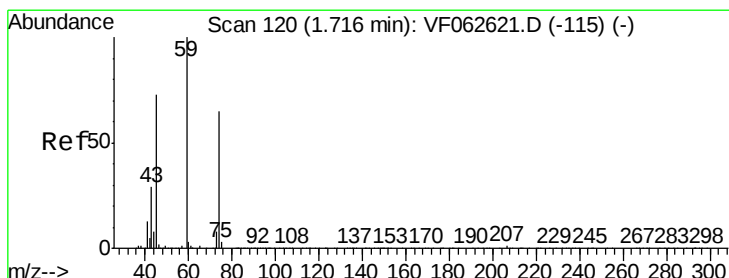
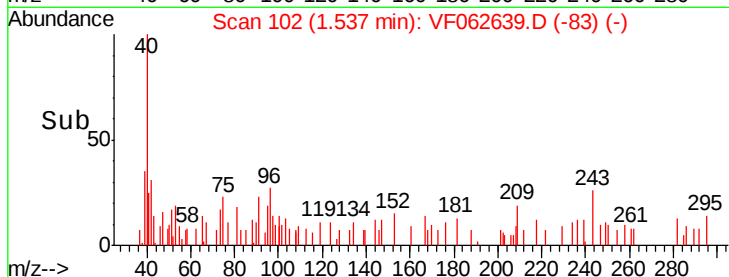
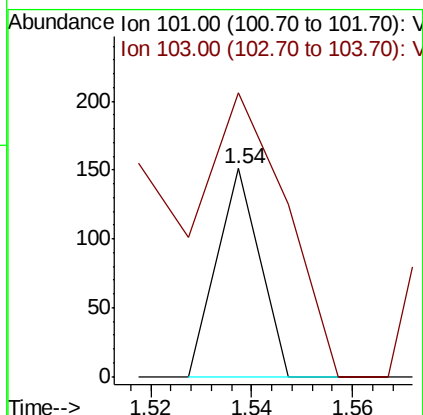
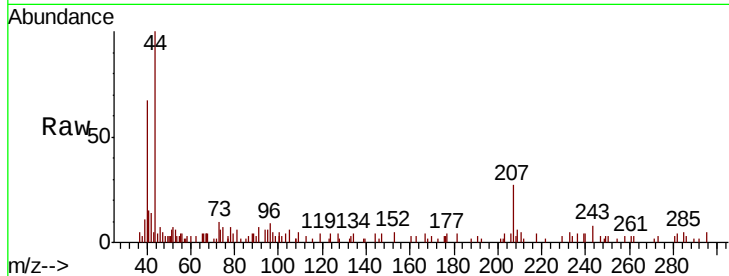


#7

Trichlorofluoromethane
Concen: 21.523 ug/l
RT: 1.54 min Scan# 102
Delta R.T. -0.01 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Instrument :
MSVOA_F
ClientSampleId :

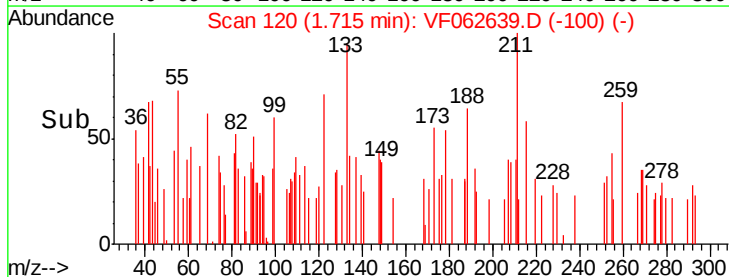
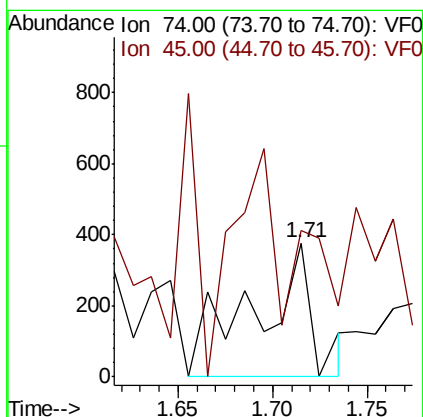
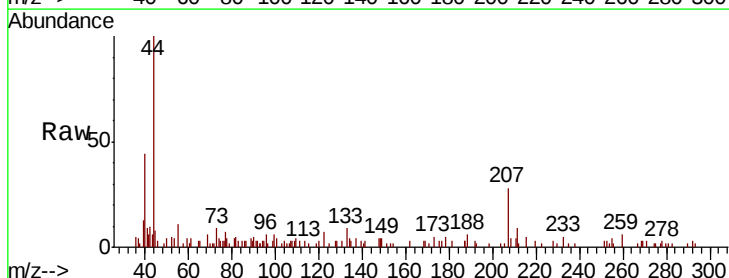
Tot Ion:101 Resp: 89
Ion Ratio Lower Upper
101 100
103 136.4 47.3 70.9#

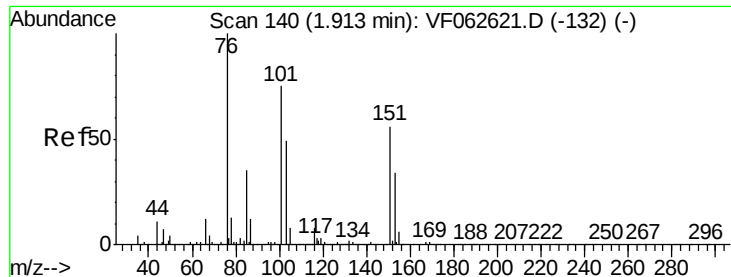


#8

Diethyl Ether
Concen: 990.010 ug/l
RT: 1.71 min Scan# 120
Delta R.T. -0.00 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion: 74 Resp: 811
Ion Ratio Lower Upper
74 100
45 109.6 57.0 170.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 66.084 ug/l

RT: 1.93 min Scan# 142

Delta R.T. 0.02 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Instrument :

MSVOA_F

ClientSampled :

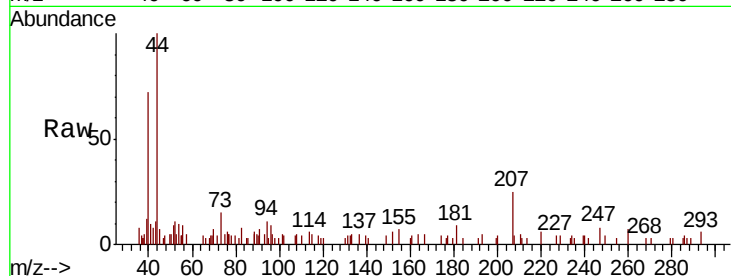
Tot Ion:101 Resp: 174

Ion Ratio Lower Upper

101 100

85 135.5 37.1 55.7#

151 0.0 58.8 88.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V

500

400

300

200

100

0

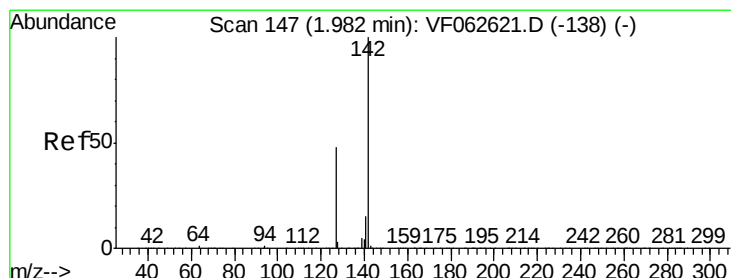
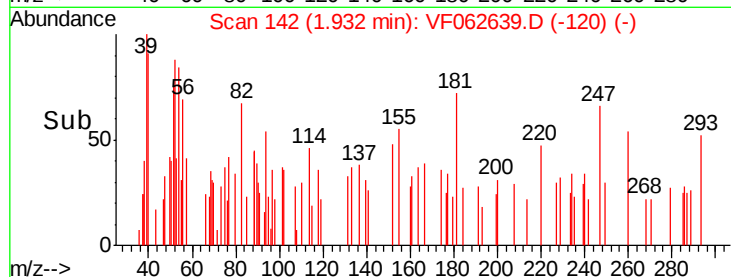
1.90

1.92

1.94

1.96

Time-->



#10

Methyl Iodide

Concen: 16.434 ug/l

RT: 1.97 min Scan# 146

Delta R.T. -0.01 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

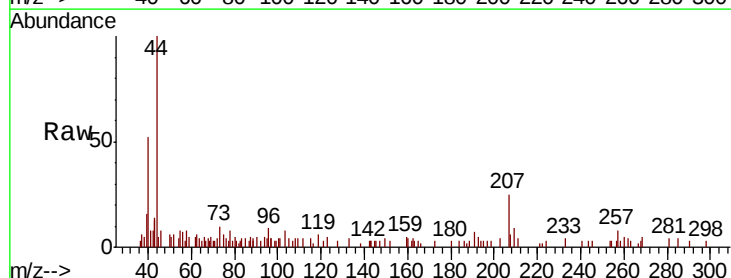
Tgt Ion:142 Resp: 85

Ion Ratio Lower Upper

142 100

127 86.8 38.1 57.1#

141 0.0 11.7 17.5#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

200

150

100

50

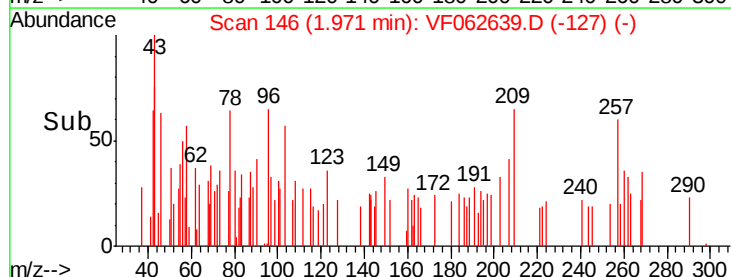
0

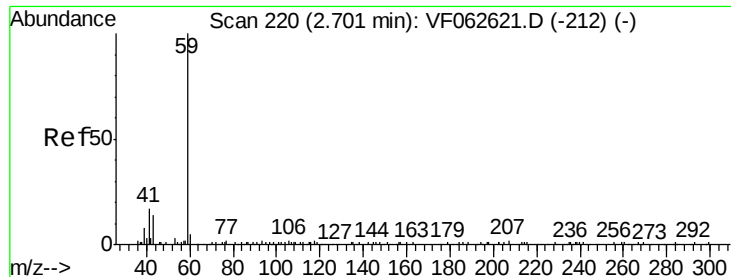
1.94

1.96

1.98

Time-->

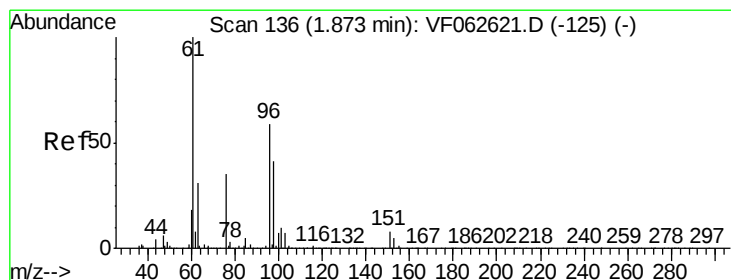
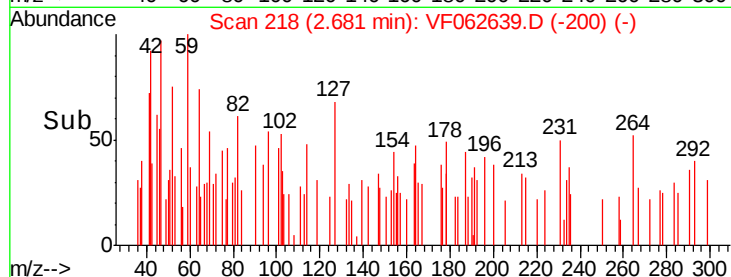
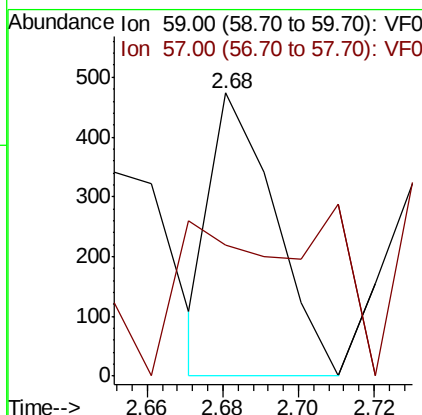
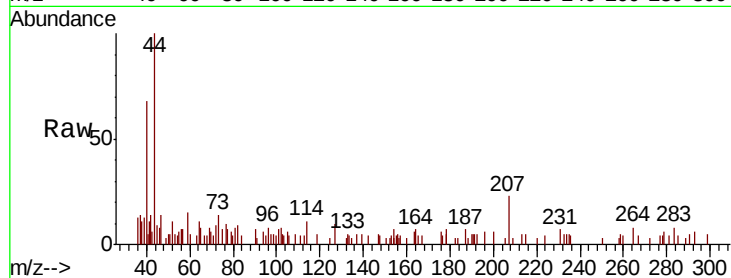




#11
Tert butyl alcohol
Concen: 4447.476 ug/l
RT: 2.68 min Scan# 218
Delta R.T. -0.02 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

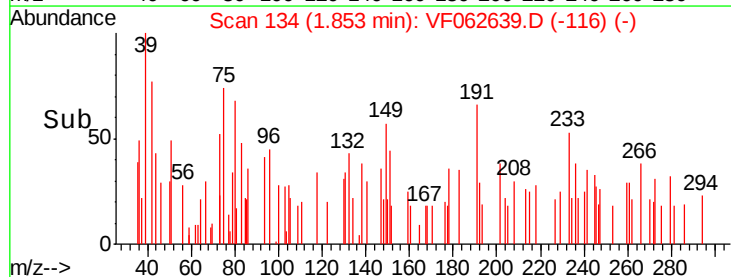
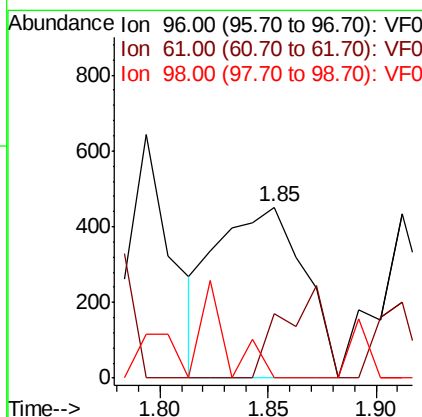
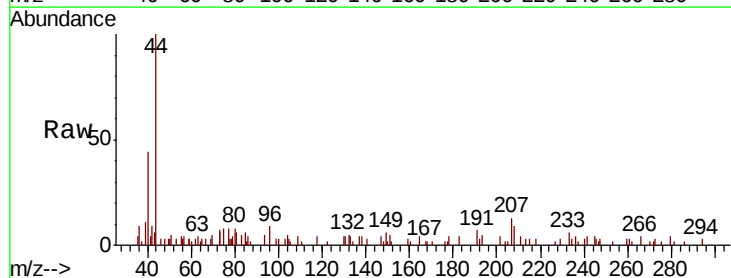
Instrument :
MSVOA_F
ClientSampled :

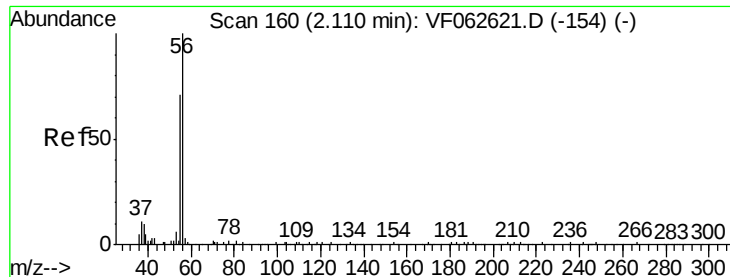
Tot Ion: 59 Resp: 554
Ion Ratio Lower Upper
59 100
57 46.5 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 529.908 ug/l
RT: 1.85 min Scan# 134
Delta R.T. -0.02 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion: 96 Resp: 1271
Ion Ratio Lower Upper
96 100
61 37.7 134.3 201.5#
98 0.0 55.0 82.6#





#13

Acrolein

Concen: 8913.453 ug/l

RT: 2.14 min Scan# 163

Delta R.T. 0.03 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

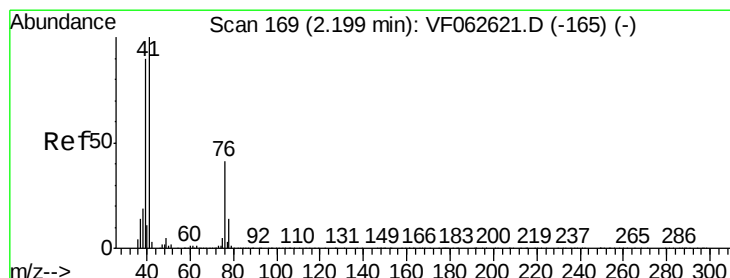
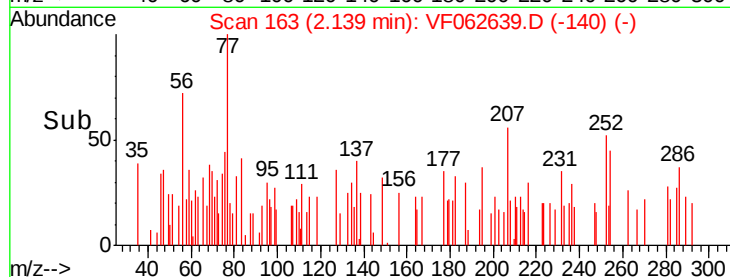
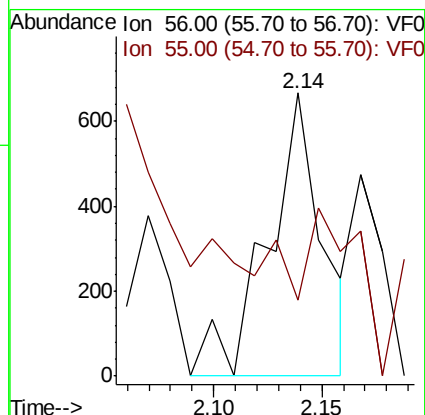
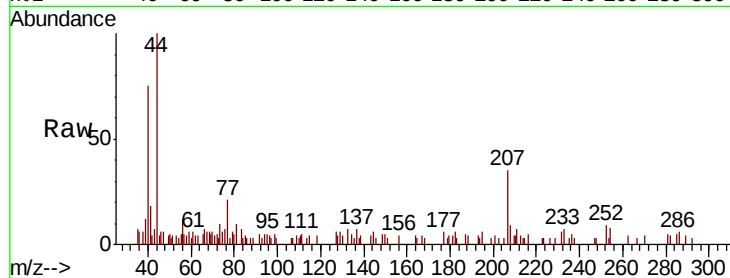
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 56 Resp: 1159

Ion Ratio Lower Upper

56 100

55 27.0 59.4 89.0#



#14

Allyl chloride

Concen: 1141.511 ug/l

RT: 2.18 min Scan# 167

Delta R.T. -0.02 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

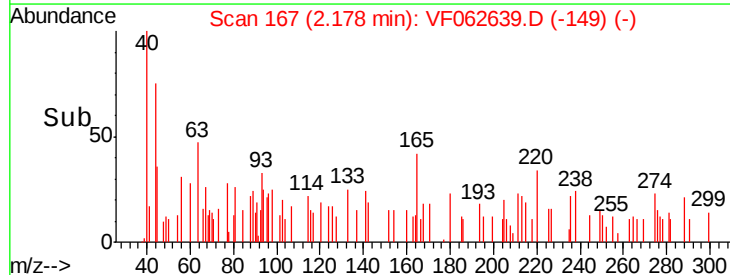
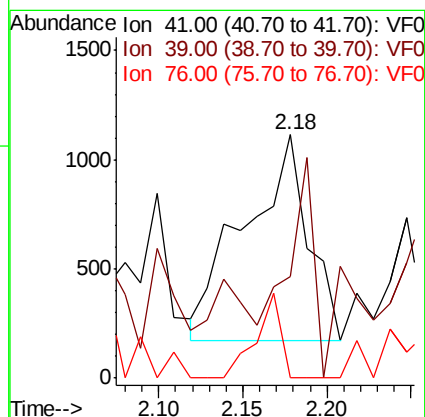
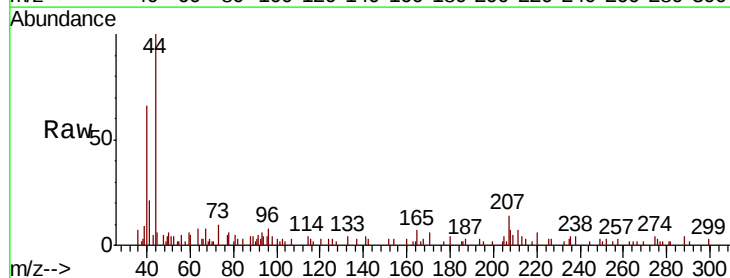
Tgt Ion: 41 Resp: 2478

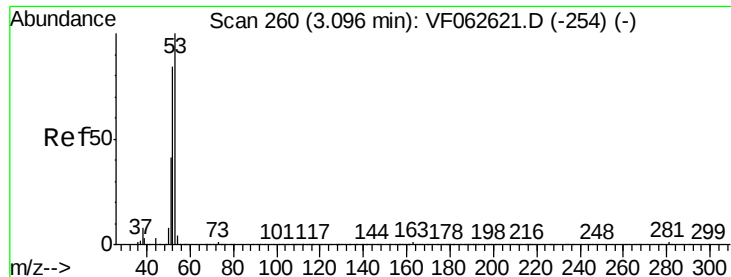
Ion Ratio Lower Upper

41 100

39 42.0 72.0 108.0#

76 0.0 34.8 52.2#





#15

Acrylonitrile

Concen: 1921.018 ug/l

RT: 3.07 min Scan# 257

Delta R.T. -0.03 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Instrument :
MSVOA_F
ClientSampleId :

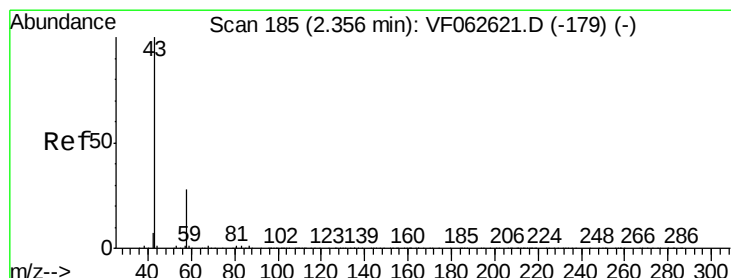
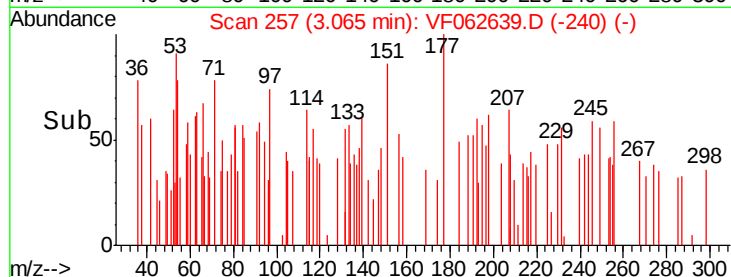
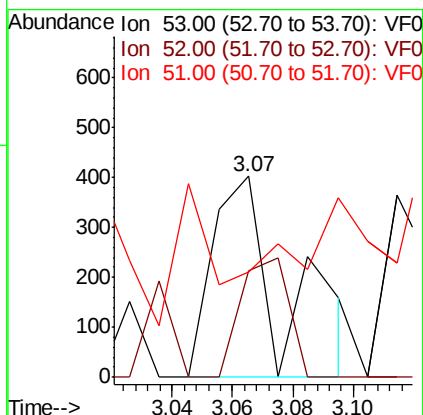
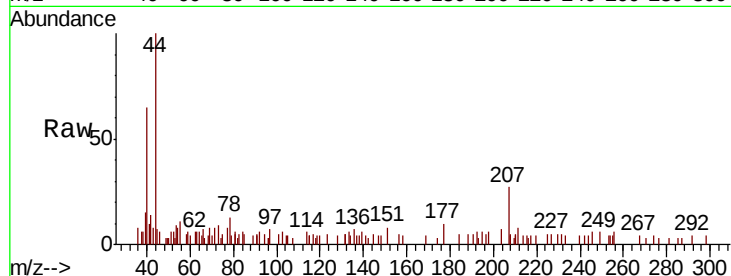
Tot Ion: 53 Resp: 675

Ion Ratio Lower Upper

53 100

52 52.9 67.3 100.9#

51 52.1 33.0 49.6#



#16

Acetone

Concen: 457.624 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.03 min

Lab File: VF062639.D

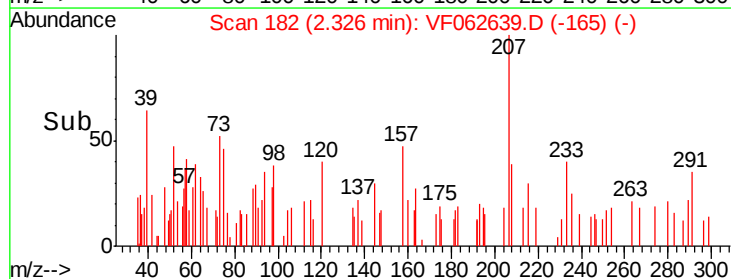
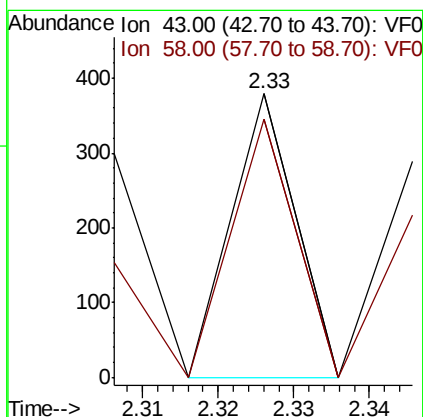
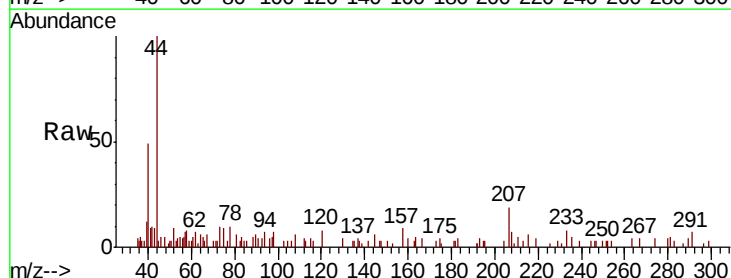
Acq: 17 May 2019 15:34

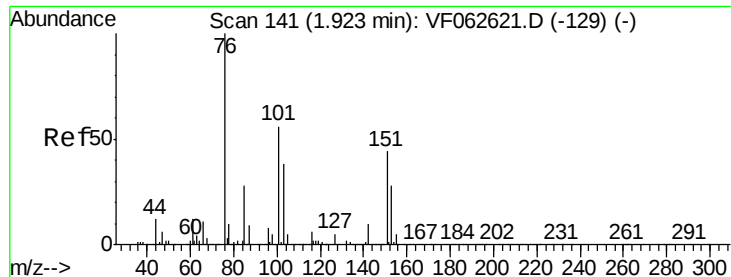
Tgt Ion: 43 Resp: 224

Ion Ratio Lower Upper

43 100

58 91.3 22.6 33.8#





#17

Carbon Disulfide

Concen: 63.017 ug/l

RT: 1.93 min Scan# 142

Delta R.T. 0.01 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

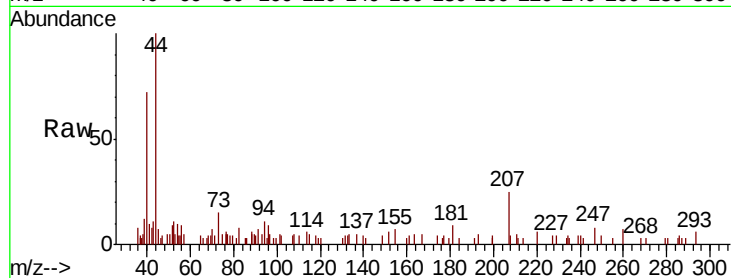
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 76 Resp: 448

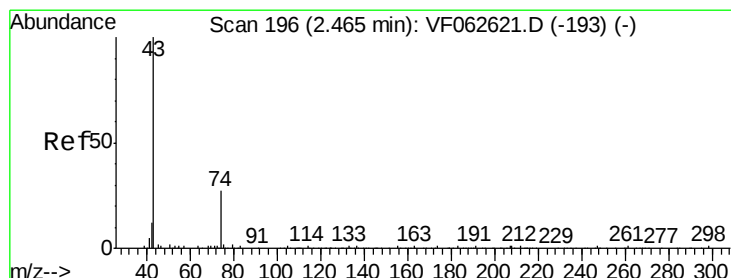
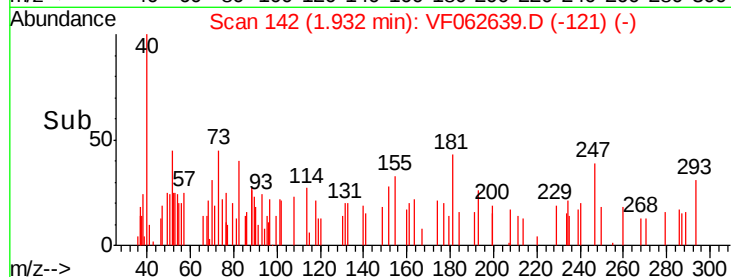
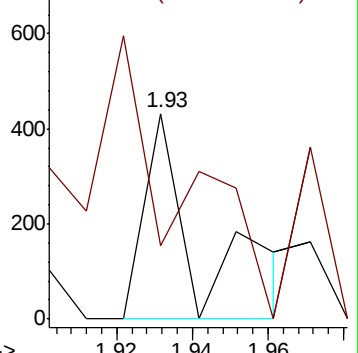
Ion Ratio Lower Upper

76 100

78 35.4 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: 657.832 ug/l

RT: 2.48 min Scan# 198

Delta R.T. 0.02 min

Lab File: VF062639.D

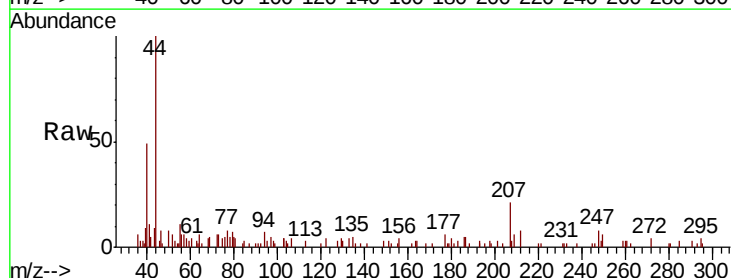
Acq: 17 May 2019 15:34

Tgt Ion: 43 Resp: 506

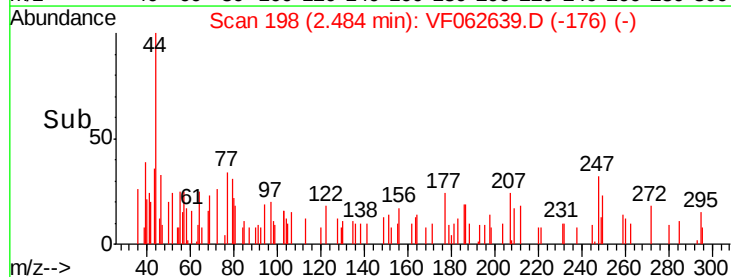
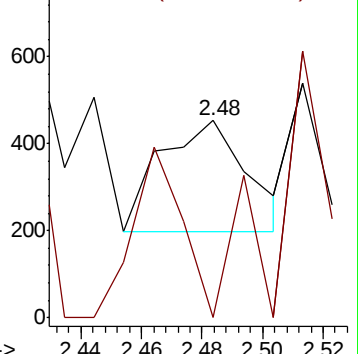
Ion Ratio Lower Upper

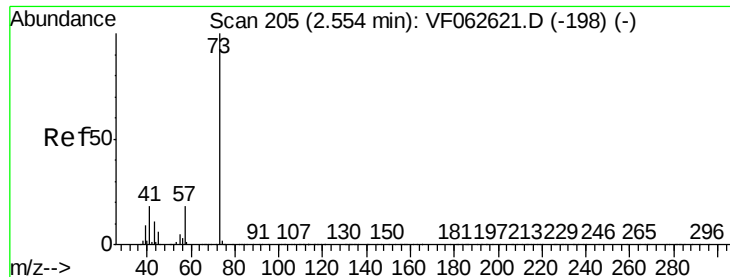
43 100

74 0.0 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 74.00 (73.70 to 74.70): VF0



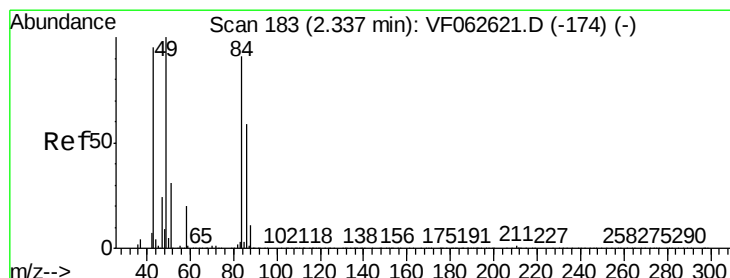
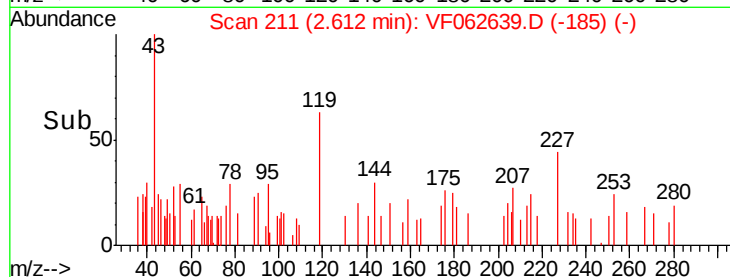
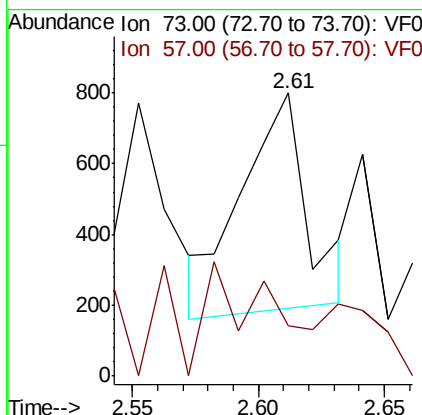
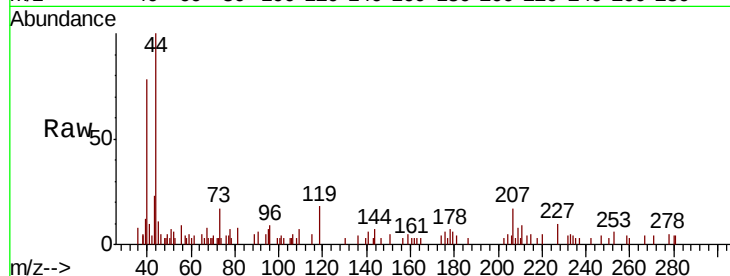


#19

Methyl tert-butyl Ether
Concen: 261.443 ug/l
RT: 2.61 min Scan# 211
Delta R.T. 0.06 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Instrument :
MSVOA_F
ClientSampled :

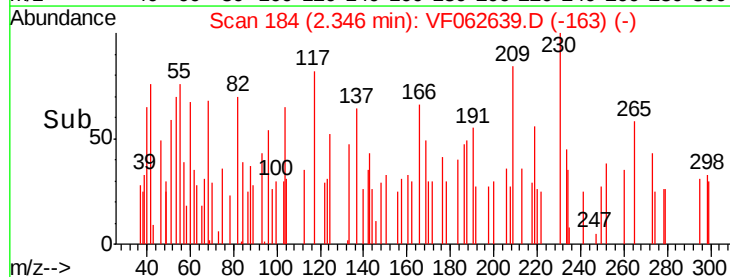
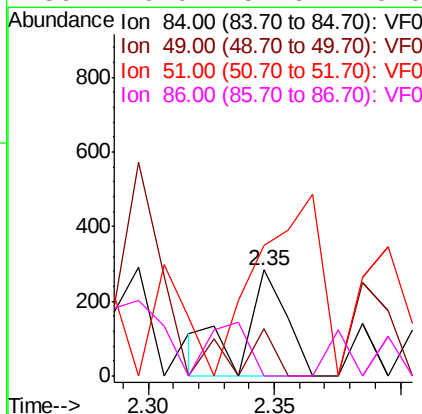
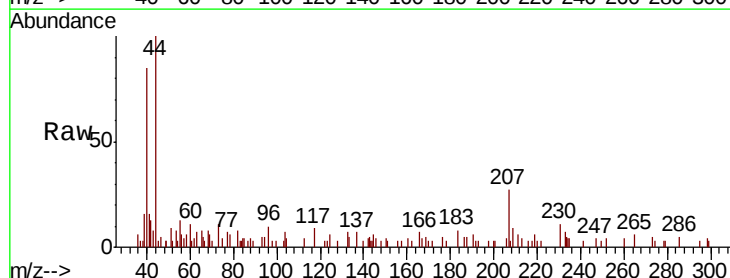
Tot Ion: 73 Resp: 1121
Ion Ratio Lower Upper
73 100
57 17.8 14.2 21.4

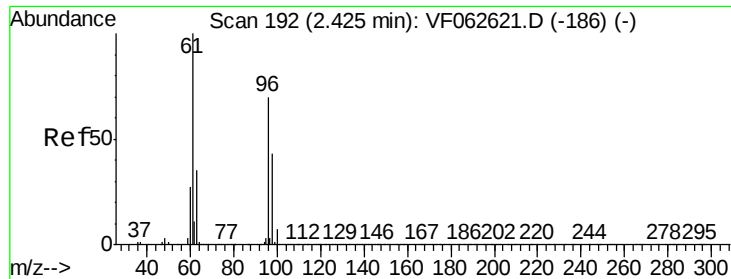


#20

Methylene Chloride
Concen: 137.762 ug/l
RT: 2.35 min Scan# 184
Delta R.T. 0.01 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion: 84 Resp: 338
Ion Ratio Lower Upper
84 100
49 44.9 89.8 134.8#
51 123.3 28.4 42.6#
86 0.0 52.6 79.0#





#21

trans-1,2-Dichloroethene

Concen: 243.135 ug/l

RT: 2.45 min Scan# 195

Delta R.T. 0.03 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Instrument :
MSVOA_F
ClientSampleId :

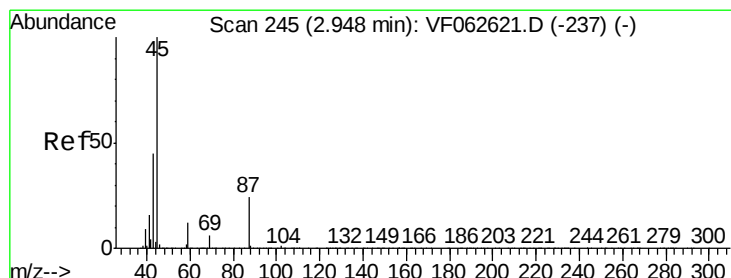
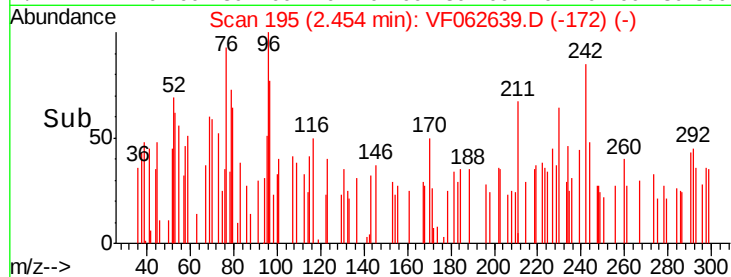
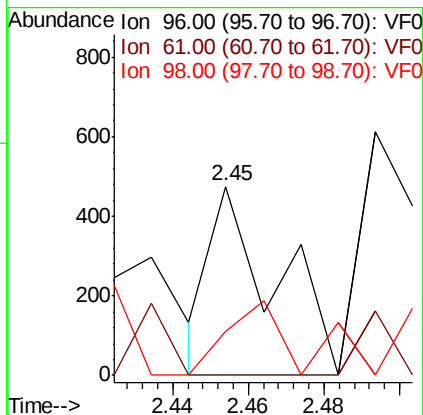
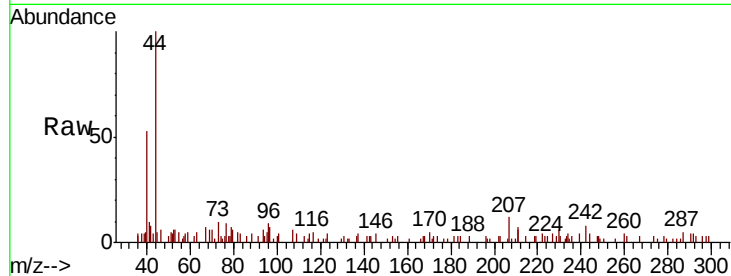
Tot Ion: 96 Resp: 570

Ion Ratio Lower Upper

96 100

61 0.0 114.6 171.8#

98 13.1 49.5 74.3#



#22

Diisopropyl ether

Concen: 86.664 ug/l

RT: 2.95 min Scan# 245

Delta R.T. -0.00 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Tgt Ion: 45 Resp: 464

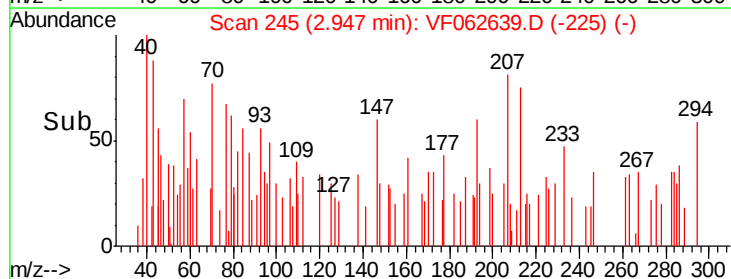
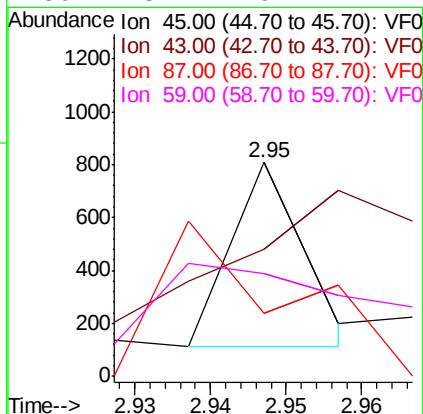
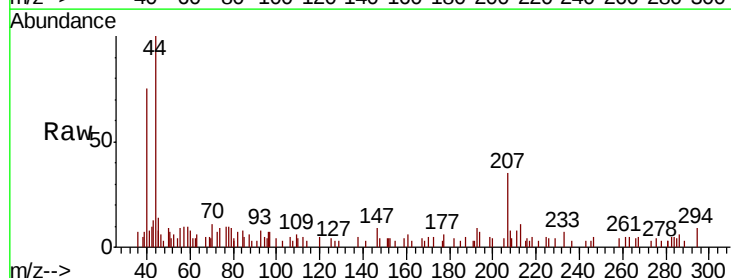
Ion Ratio Lower Upper

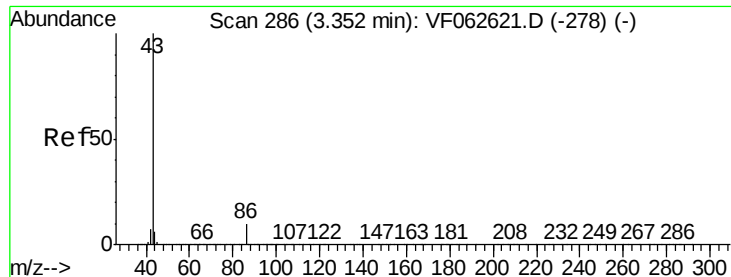
45 100

43 59.5 36.4 54.6#

87 29.5 19.3 28.9#

59 48.2 9.4 14.2#





#23

Vinyl Acetate

Concen: 194.922 ug/l

RT: 3.39 min Scan# 290

Delta R.T. 0.04 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

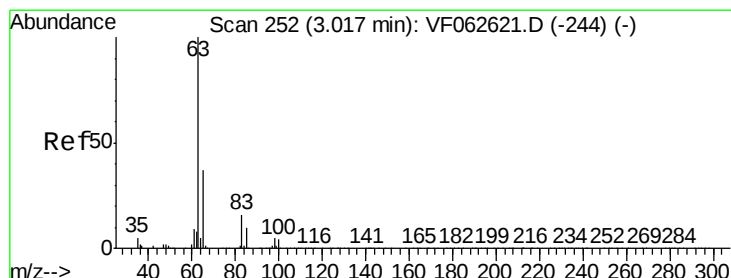
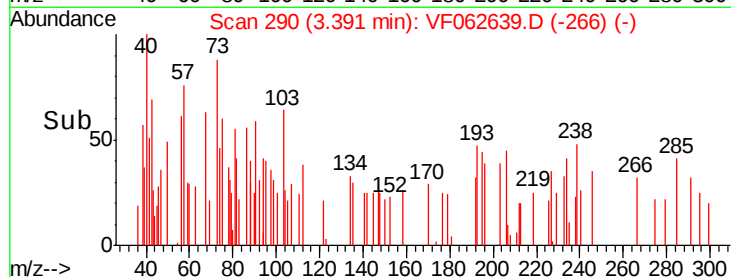
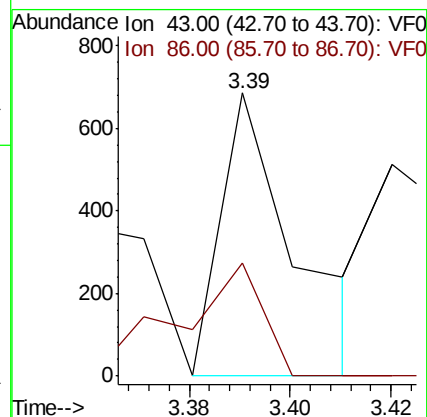
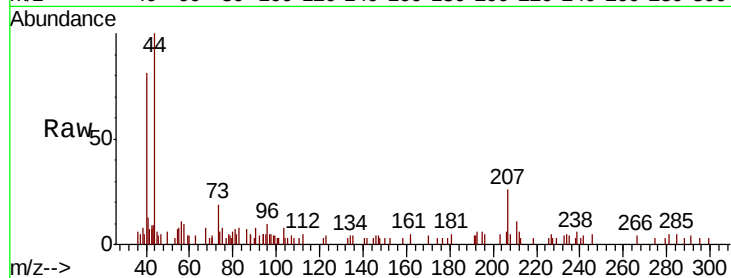
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 704

Ion Ratio Lower Upper

43 100

86 40.1 8.2 12.2#



#24

1,1-Dichloroethane

Concen: 132.392 ug/l

RT: 3.06 min Scan# 256

Delta R.T. 0.04 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

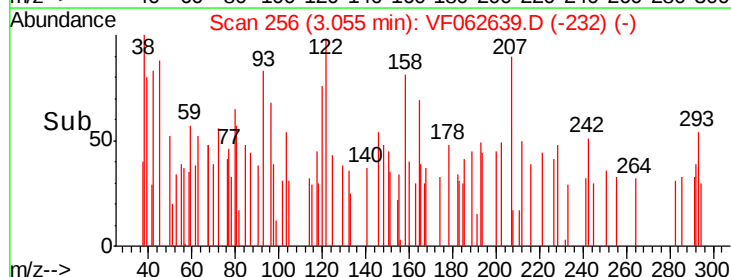
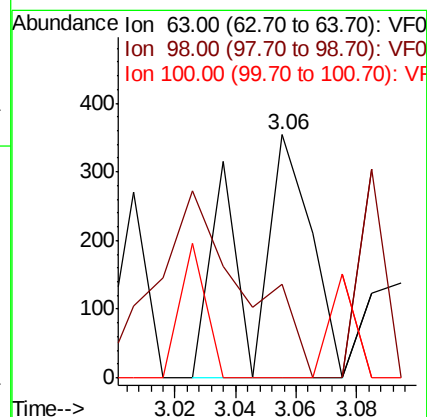
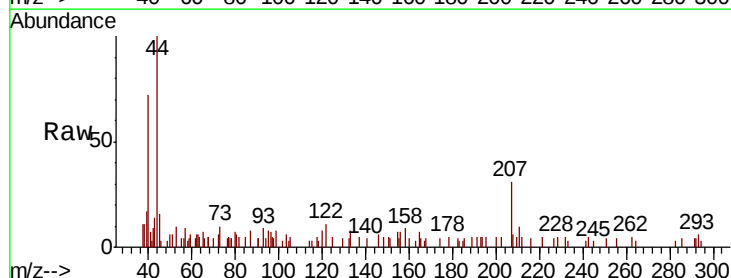
Tgt Ion: 63 Resp: 520

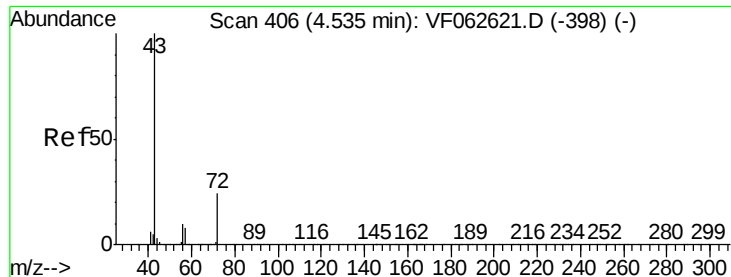
Ion Ratio Lower Upper

63 100

98 38.4 2.8 8.3#

100 0.0 1.9 5.7#





#25

2-Butanone

Concen: 1281.339 ug/l

RT: 4.51 min Scan# 404

Delta R.T. -0.02 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

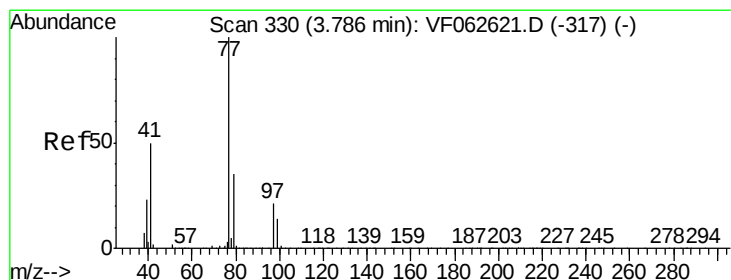
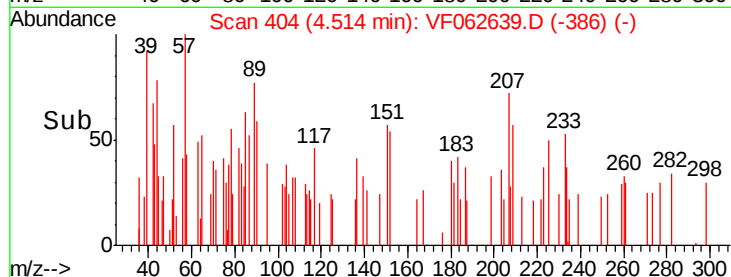
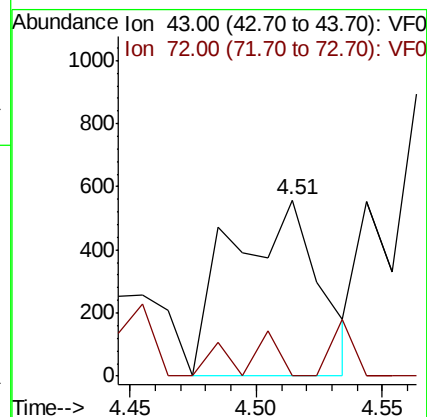
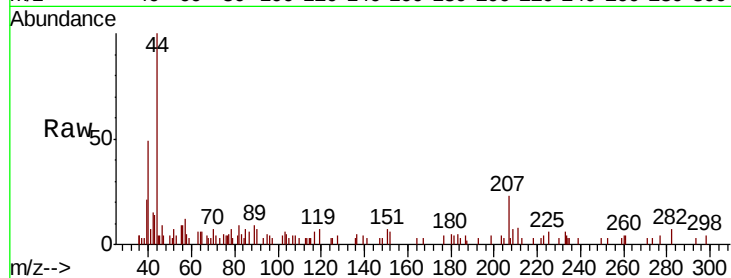
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 1340

Ion Ratio Lower Upper

43 100

72 0.0 20.1 30.1#



#26

2,2-Dichloropropane

Concen: 493.926 ug/l

RT: 3.86 min Scan# 338

Delta R.T. 0.08 min

Lab File: VF062639.D

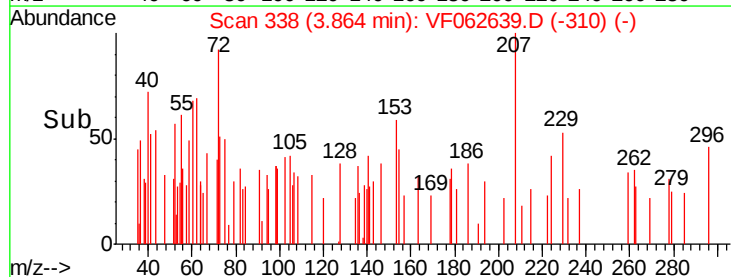
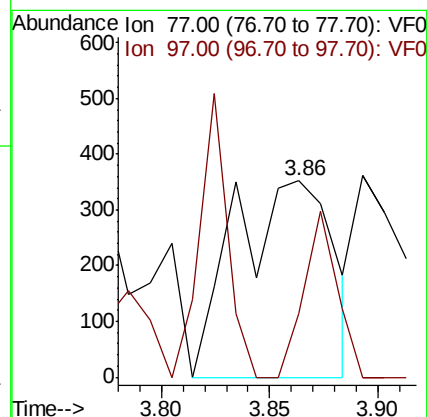
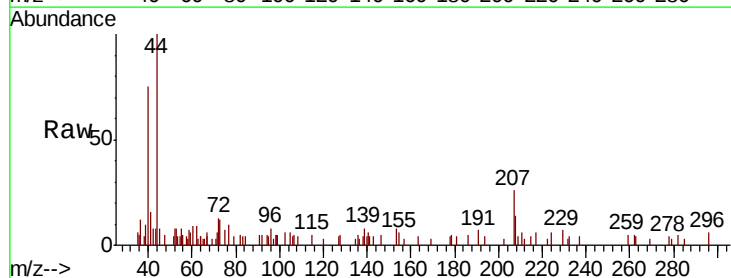
Acq: 17 May 2019 15:34

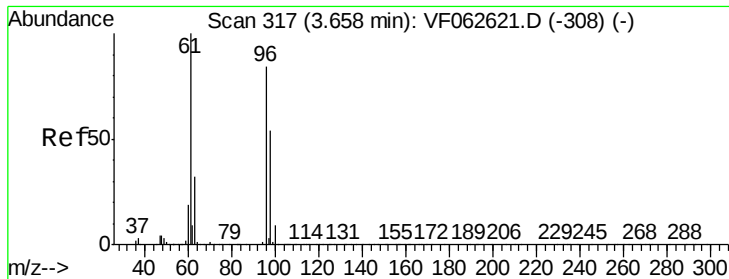
Tgt Ion: 77 Resp: 1110

Ion Ratio Lower Upper

77 100

97 32.4 14.1 42.4

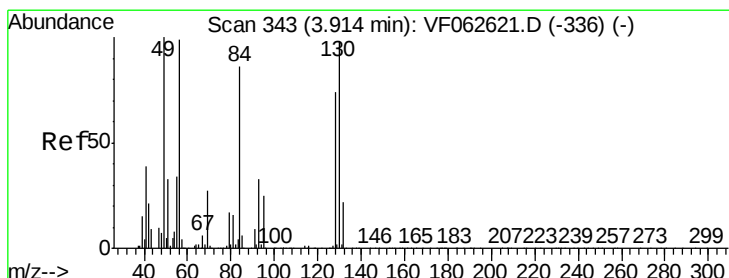
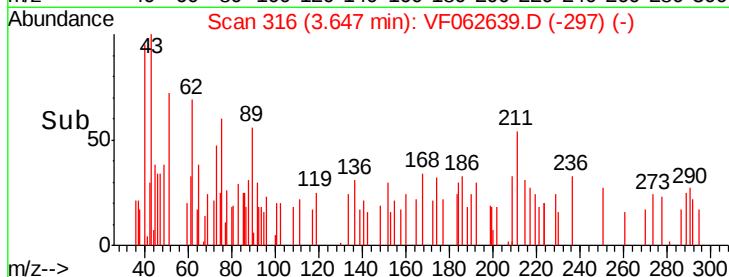
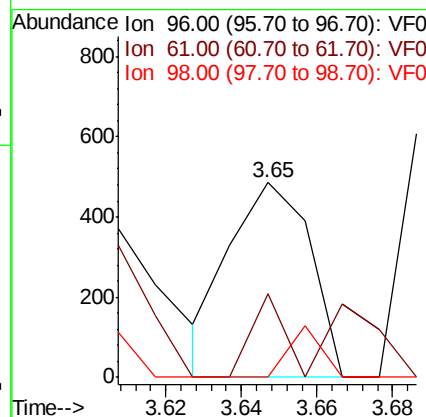
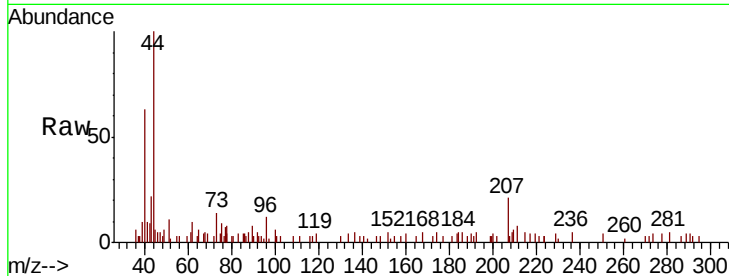




#27
 cis-1,2-Dichloroethene
 Concen: 185.153 ug/l
 RT: 3.65 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

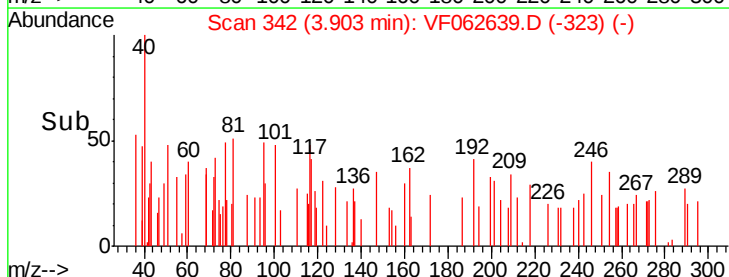
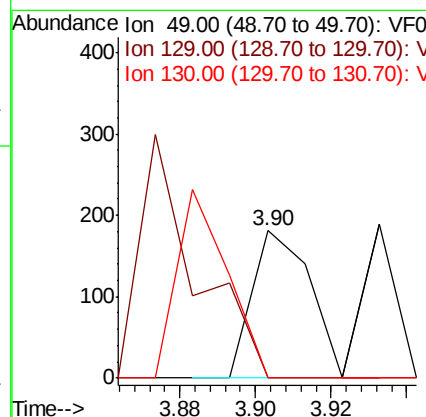
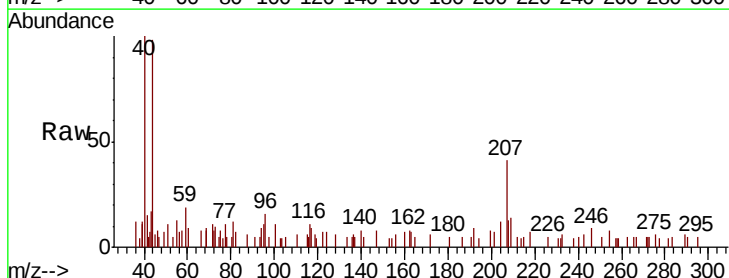
Instrument :
 MSVOA_F
 ClientSampleId :

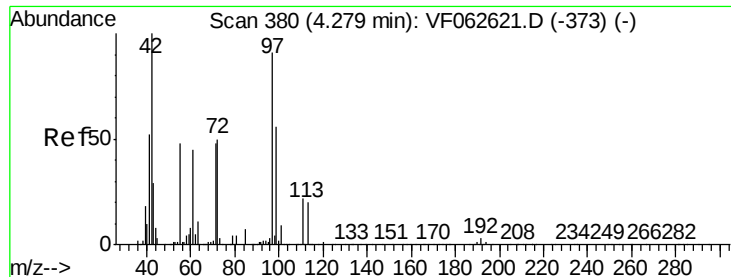
Tot Ion: 96 Resp: 714
 Ion Ratio Lower Upper
 96 100
 61 42.8 0.0 237.4
 98 0.0 0.0 129.0



#28
 Bromochloromethane
 Concen: 86.252 ug/l
 RT: 3.90 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

Tgt Ion: 49 Resp: 190
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 0.0 77.8 116.8#

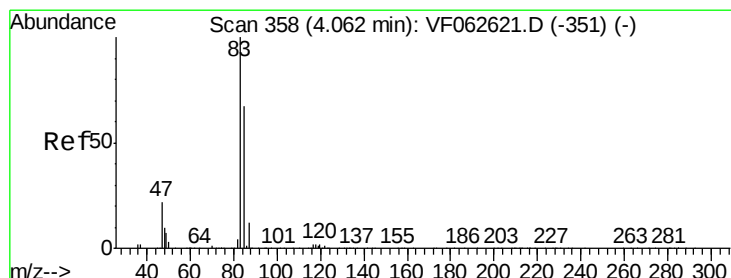
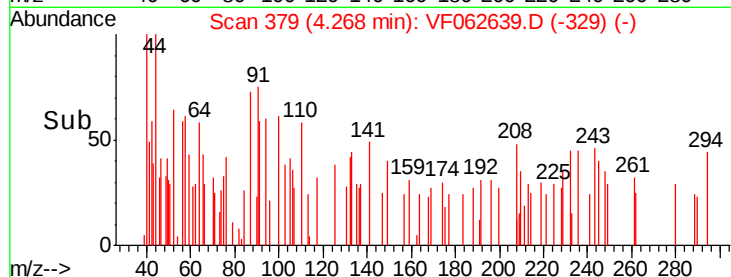
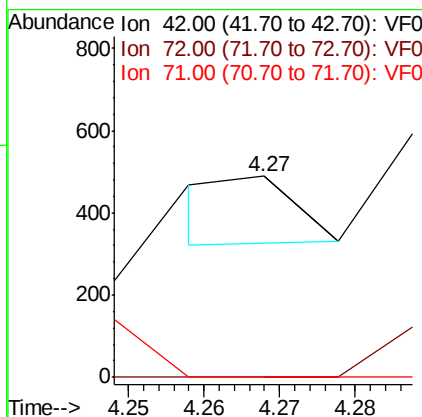
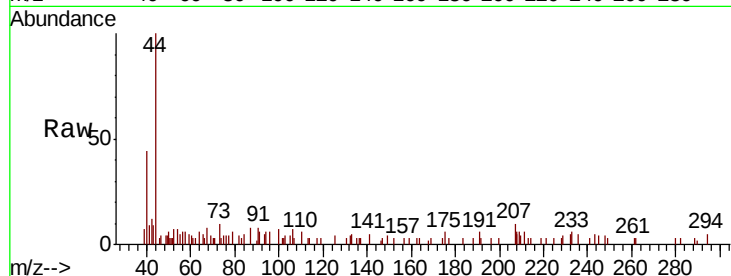




#29
Tetrahydrofuran
Concen: 233.937 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.01 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

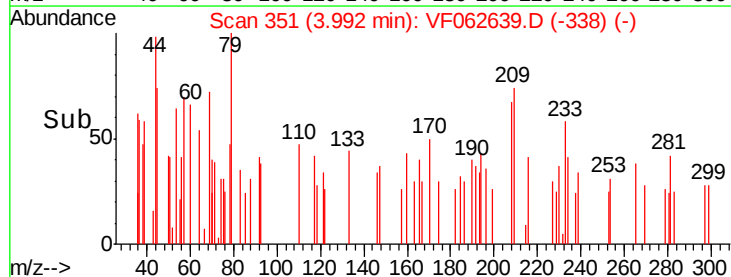
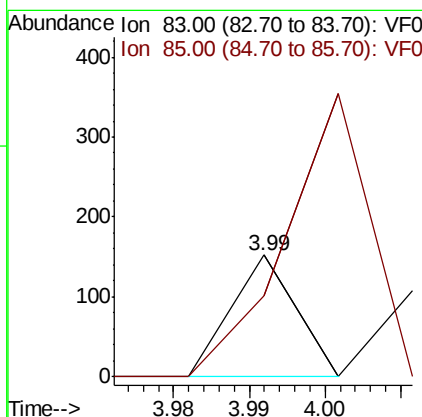
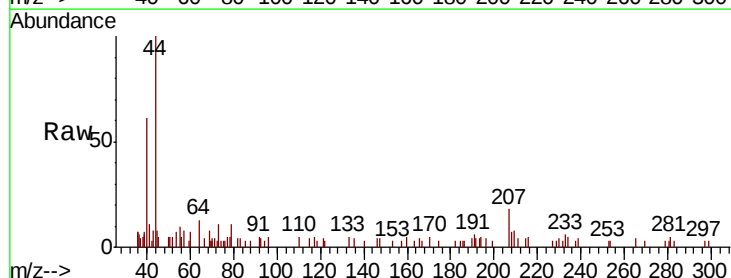
Instrument :
MSVOA_F
ClientSampleId :

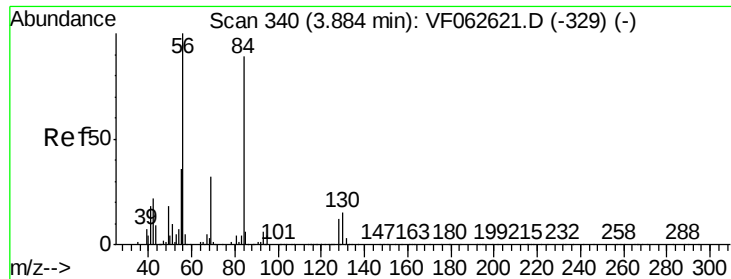
Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.2	57.2#
71	0.0	35.8	53.6#



#30
Chloroform
Concen: 16.504 ug/l
RT: 3.99 min Scan# 351
Delta R.T. -0.07 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	53.6	80.4

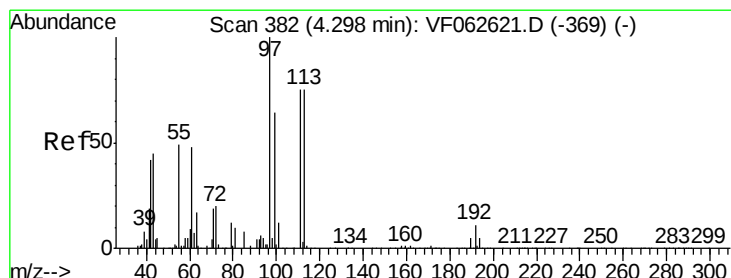
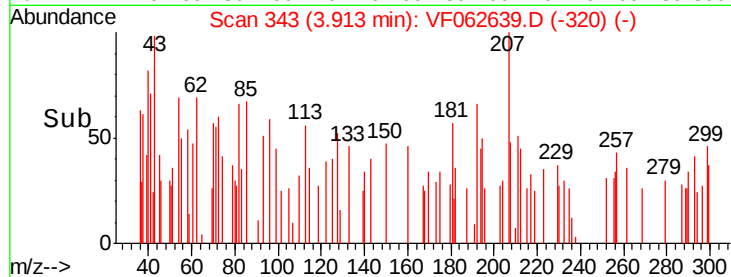
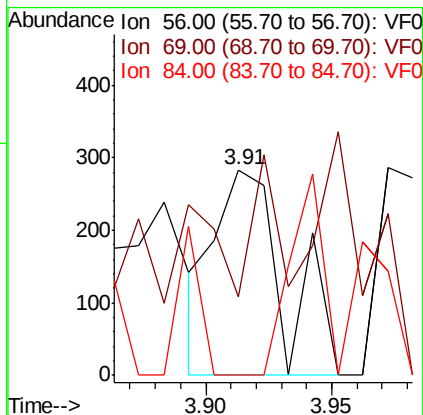
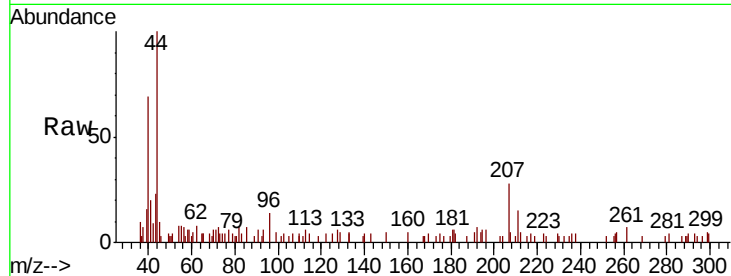




#31
Cvclohexane
Concen: 103.911 ug/l
RT: 3.91 min Scan# 343
Delta R.T. 0.03 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

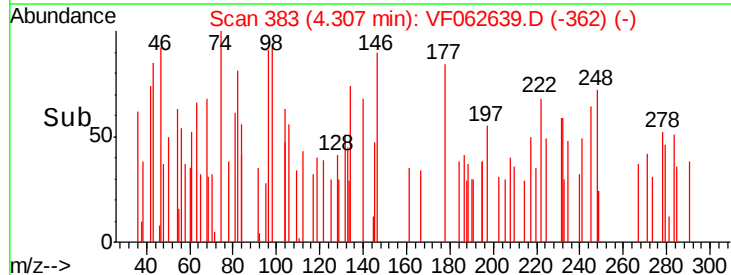
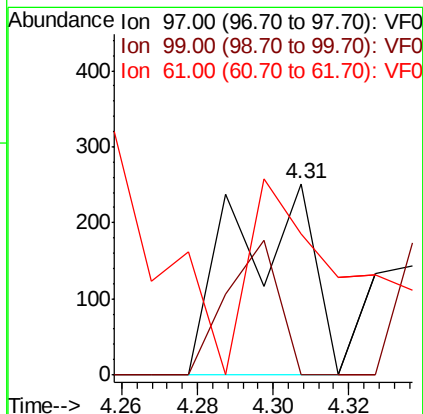
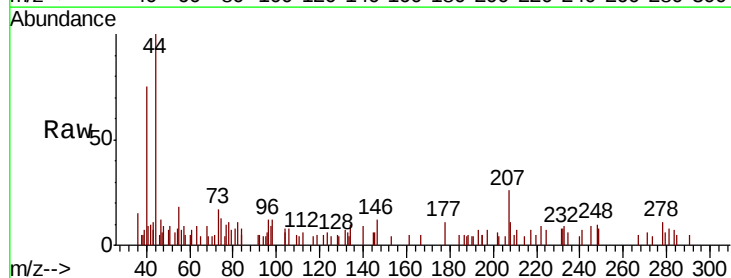
Instrument :
MSVOA_F
ClientSampleId :

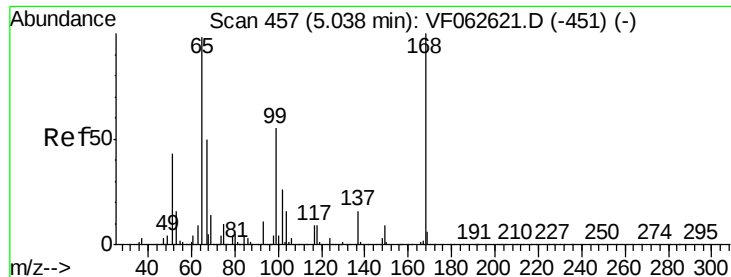
Tot Ion: 56 Resp: 548
Ion Ratio Lower Upper
56 100
69 38.2 25.3 37.9#
84 0.0 71.0 106.4#



#32
1,1,1-Trichloroethane
Concen: 98.851 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion: 97 Resp: 358
Ion Ratio Lower Upper
97 100
99 0.0 51.3 76.9#
61 74.1 38.2 57.2#

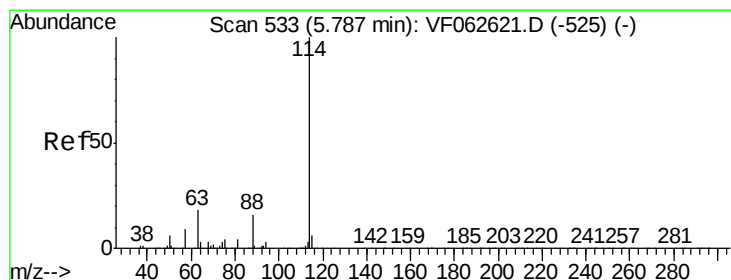
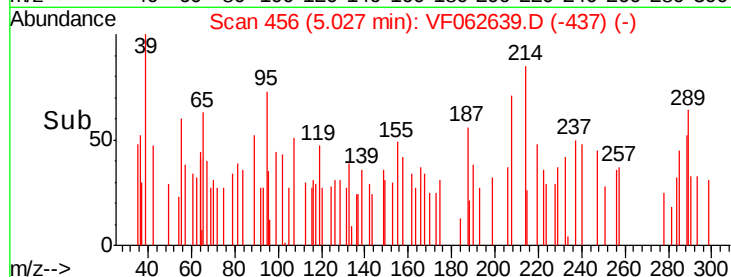
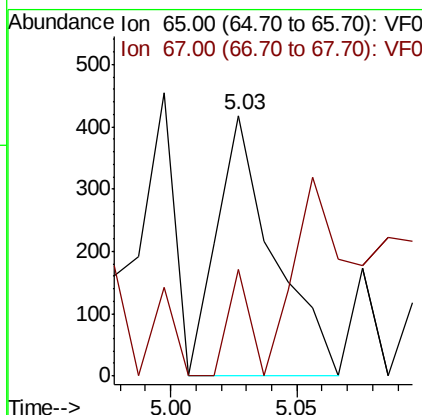
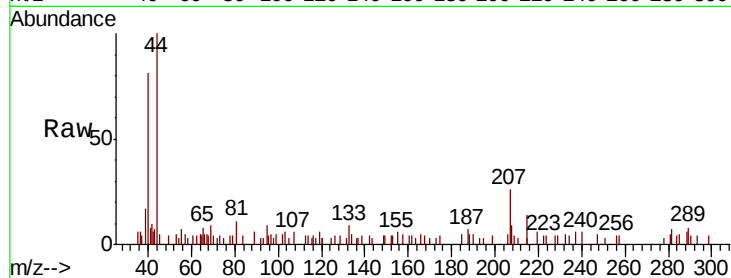




#33
 1,2-Dichloroethane-d4
 Concen: 346.627 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

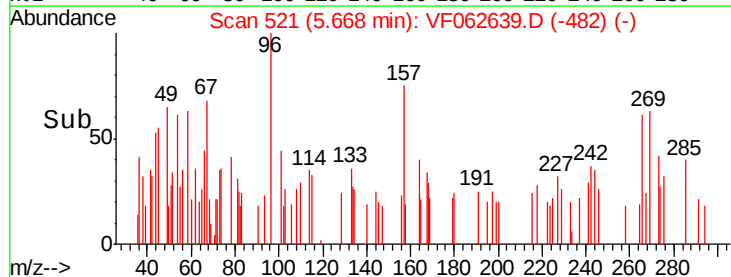
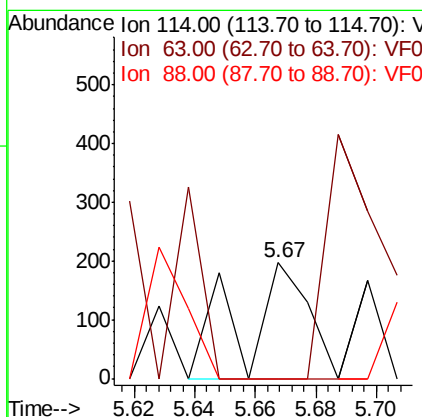
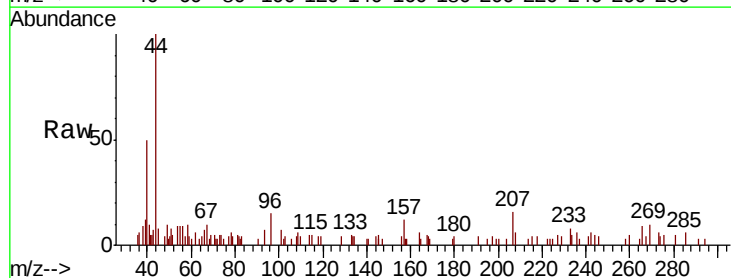
Instrument :
 MSVOA_F
 ClientSampleId :

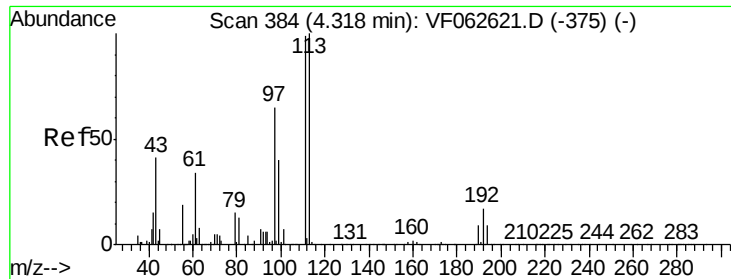
Tot Ion: 65 Resp: 654
 Ion Ratio Lower Upper
 65 100
 67 41.1 0.0 117.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 521
 Delta R.T. -0.12 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

Tgt Ion: 114 Resp: 299
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 35.4
 88 0.0 0.0 32.4

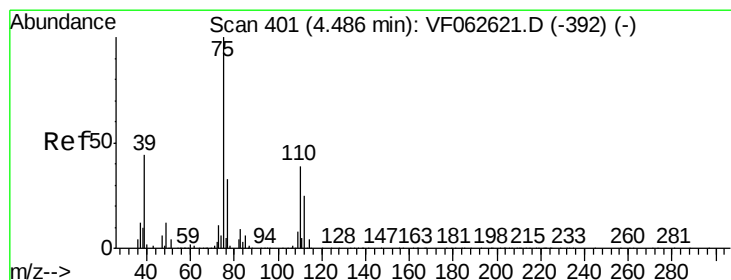
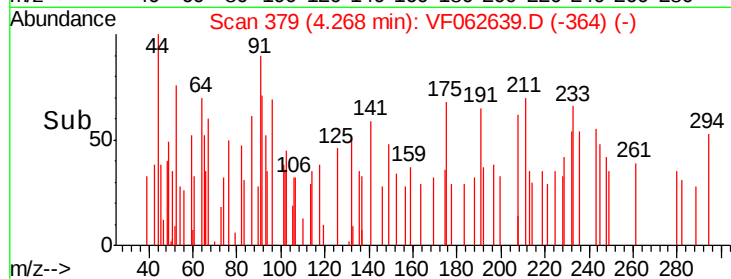
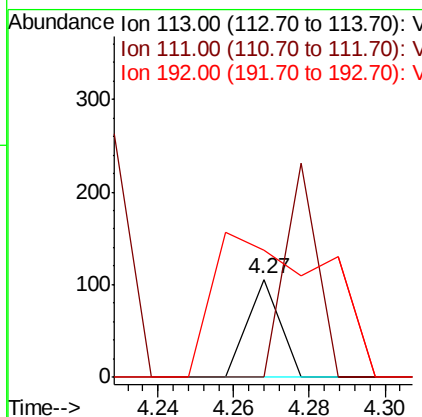
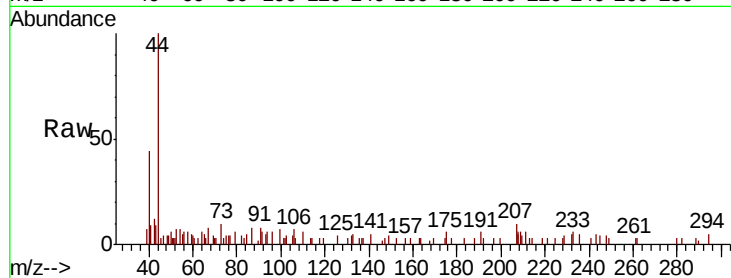




#35
 Dibromofluoromethane
 Concen: 27.535 ug/l
 RT: 4.27 min Scan# 379
 Delta R.T. -0.05 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

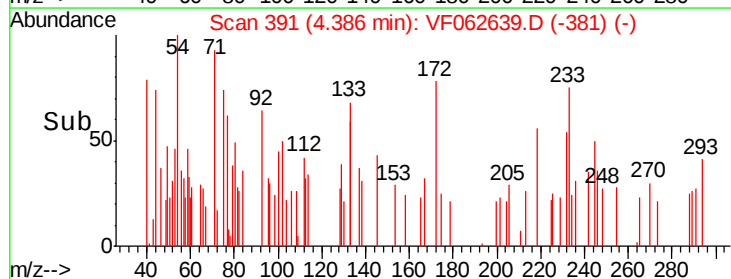
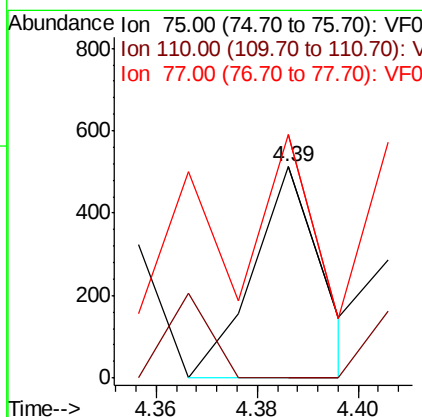
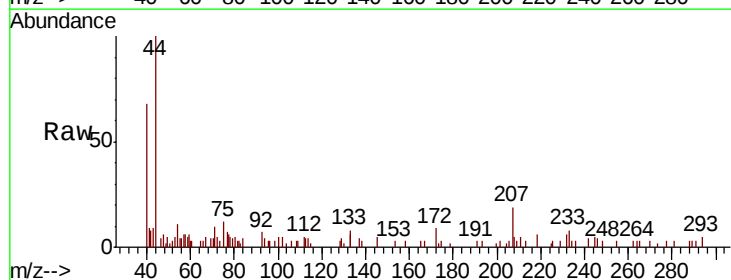
Instrument :
 MSVOA_F
 ClientSampled :

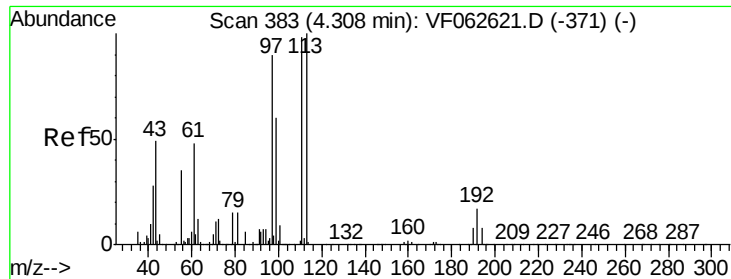
Tot Ion:113 Resp: 63
 Ion Ratio Lower Upper
 113 100
 111 0.0 79.4 119.2#
 192 129.2 13.4 20.2#



#36
 1,1-Dichloropropene
 Concen: 156.993 ug/l
 RT: 4.39 min Scan# 391
 Delta R.T. -0.10 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

Tgt Ion: 75 Resp: 481
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.7 59.1#
 77 115.4 26.3 39.5#

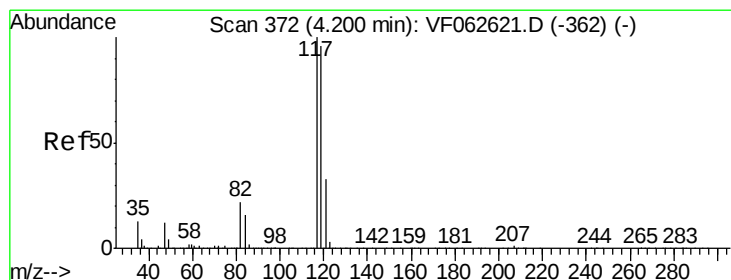
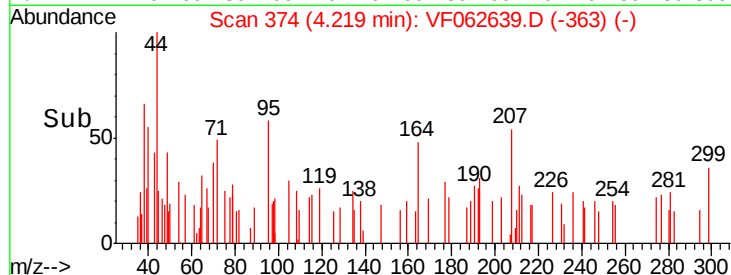
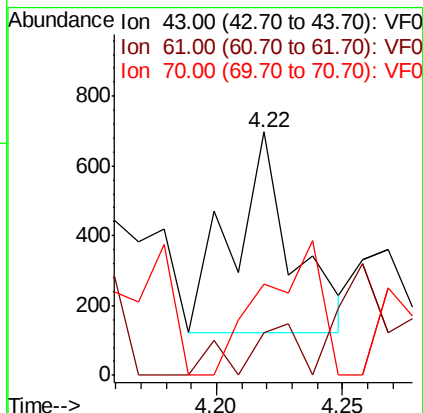
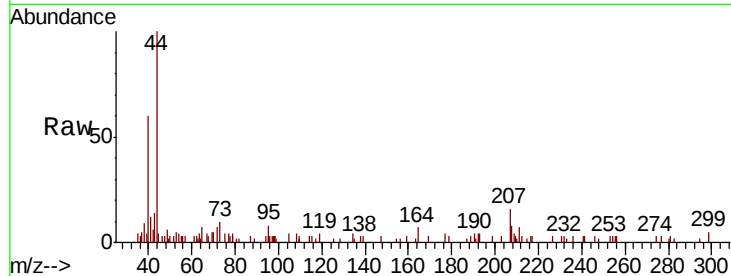




#37
Ethyl Acetate
Concen: 744.225 ug/l
RT: 4.22 min Scan# 374
Delta R.T. -0.09 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

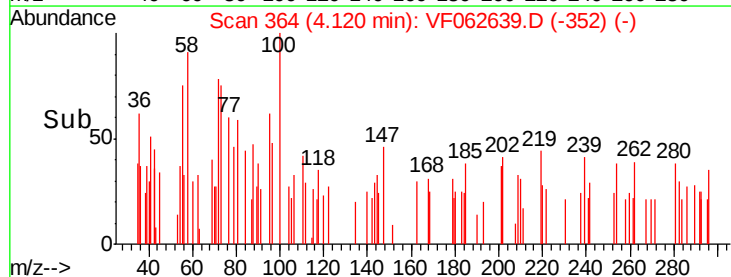
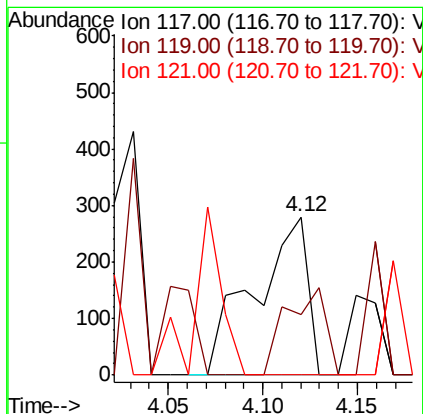
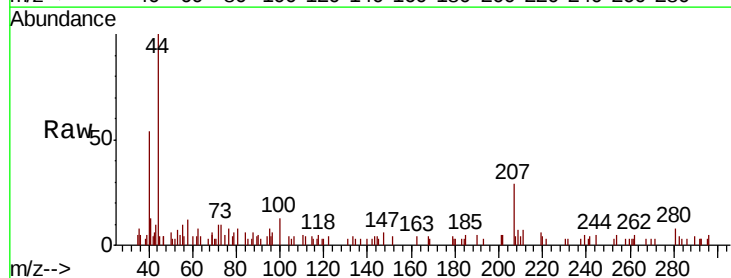
Instrument :
MSVOA_F
ClientSampleId :

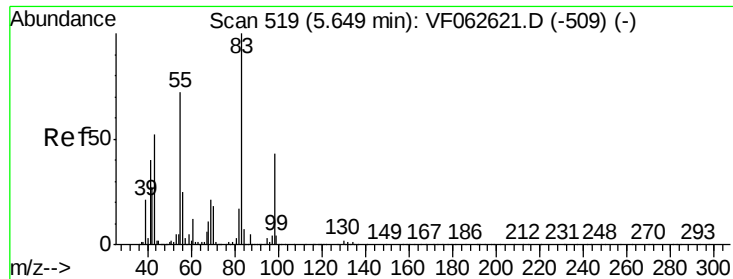
Tot Ion	Ratio	Lower	Upper
43	100		
61	17.6	76.9	115.3#
70	37.5	8.8	13.2#



#38
Carbon Tetrachloride
Concen: 236.521 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.08 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	38.6	76.7	115.1#
121	0.0	26.6	40.0#

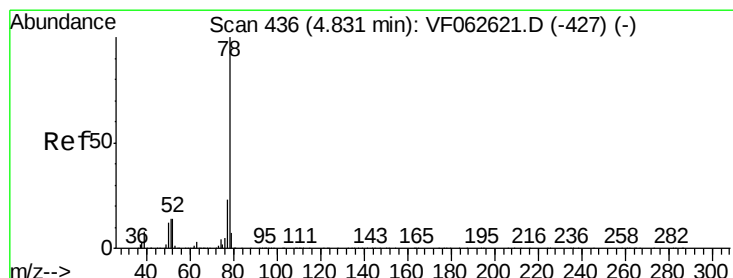
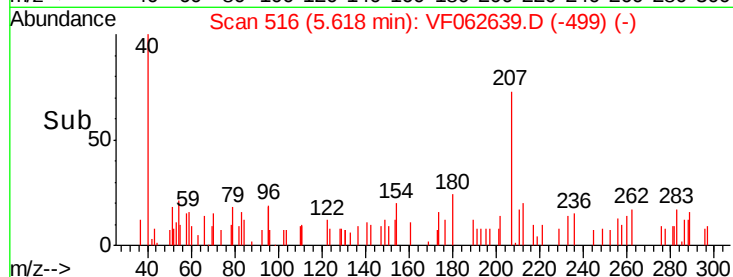
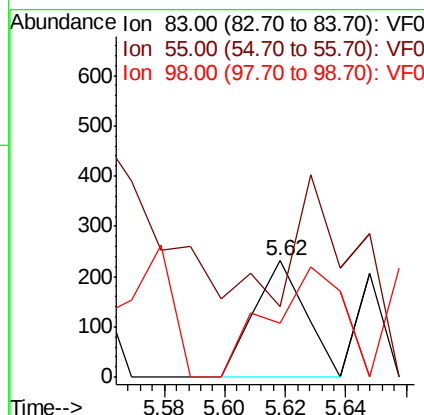
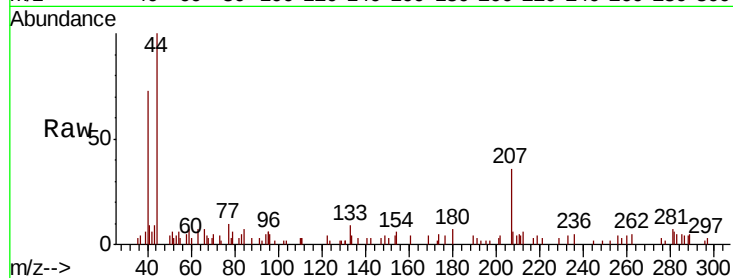




#39
Methylcyclohexane
Concen: 74.324 ug/l
RT: 5.62 min Scan# 516
Delta R.T. -0.03 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

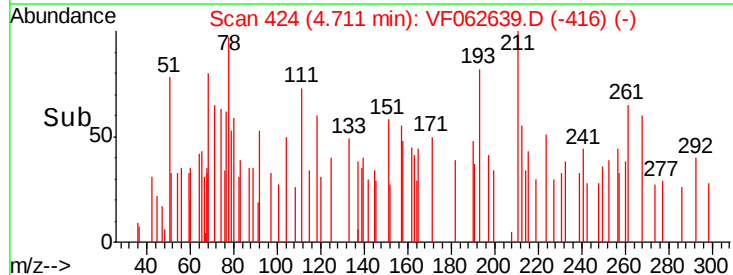
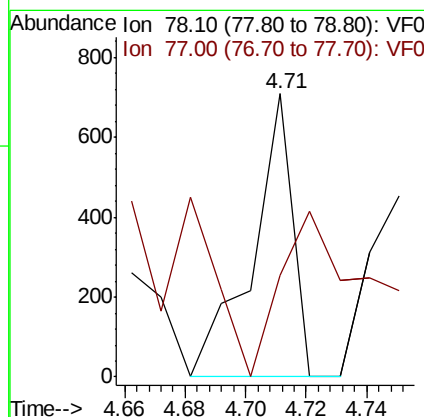
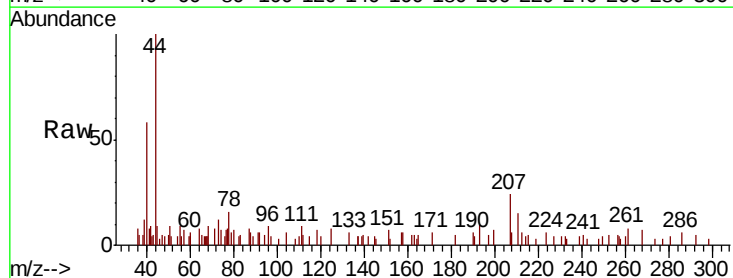
Instrument :
MSVOA_F
ClientSampled :

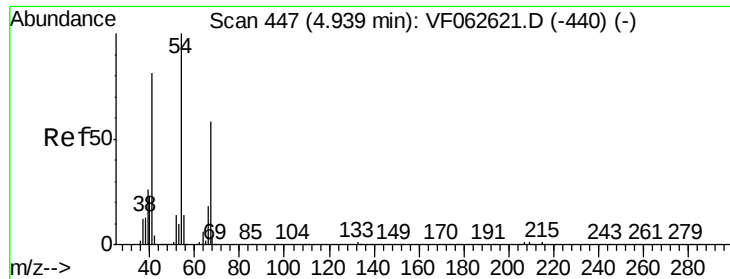
Tot Ion: 83 Resp: 274
Ion Ratio Lower Upper
83 100
55 60.3 57.9 86.9
98 46.1 34.6 52.0



#40
Benzene
Concen: 78.594 ug/l
RT: 4.71 min Scan# 424
Delta R.T. -0.12 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion: 78 Resp: 656
Ion Ratio Lower Upper
78 100
77 36.0 18.2 27.2#

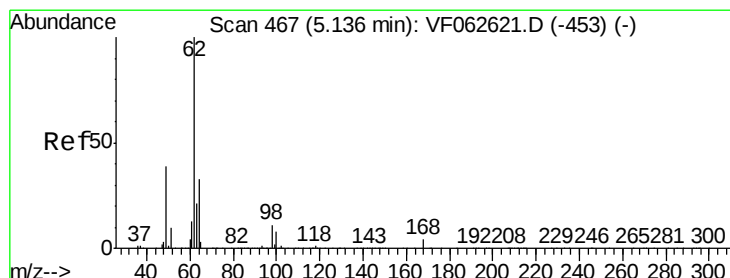
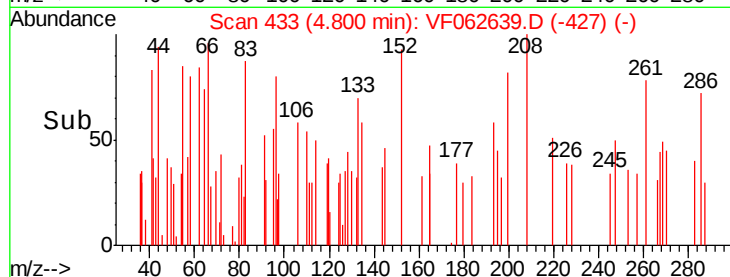
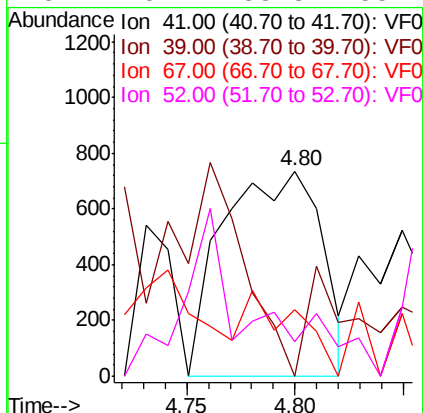
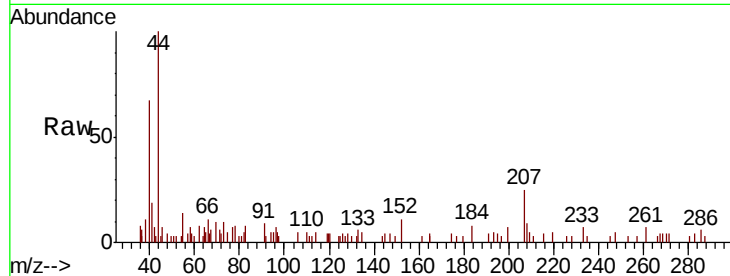




#41
Methacrylonitrile
Concen: 3572.483 ug/l
RT: 4.80 min Scan# 433
Delta R.T. -0.14 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

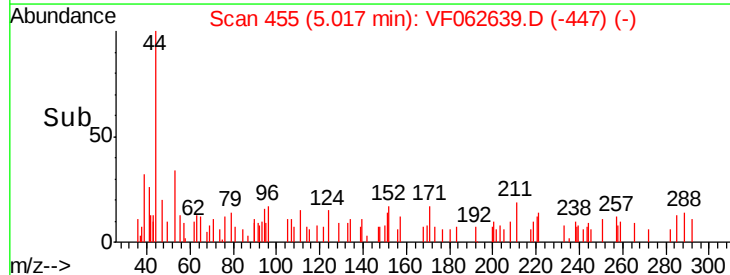
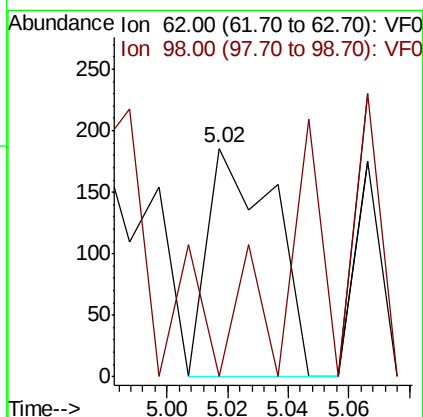
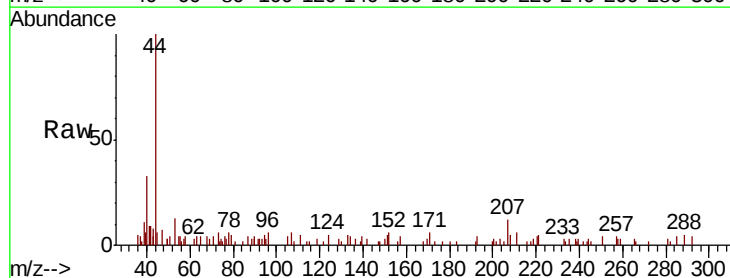
Instrument :
MSVOA_F
ClientSampleId :

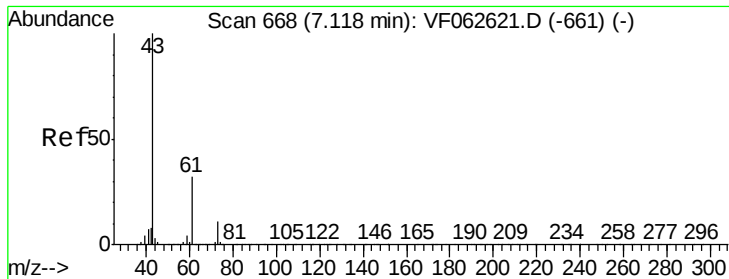
Tot Ion:	41	Resp:	2343
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.2	63.2#
67	32.3	56.4	84.6#
52	16.7	38.8	58.2#



#42
1,2-Dichloroethane
Concen: 170.025 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.12 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion:	62	Resp:	283
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	21.6



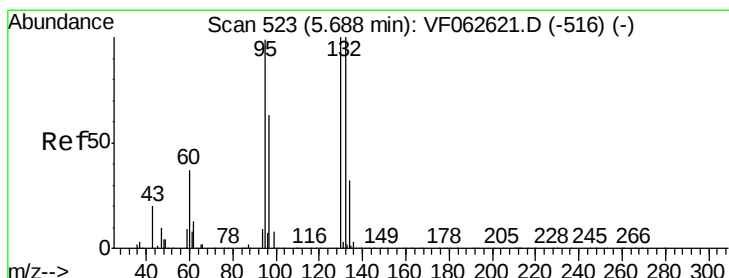
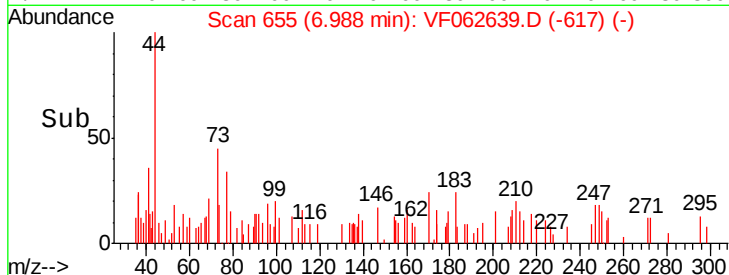
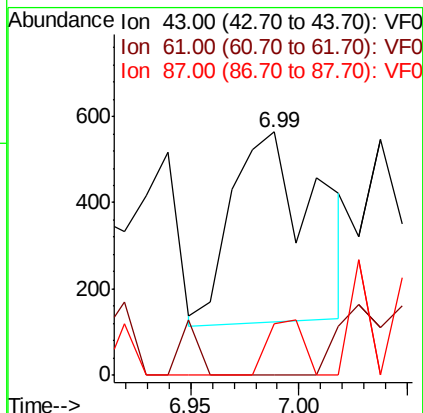
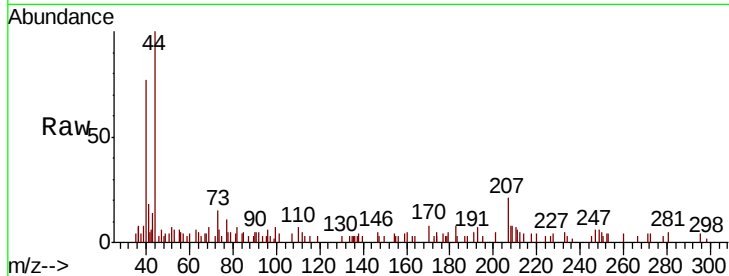


#43

Isopropyl Acetate
 Concen: 734.880 ug/l
 RT: 6.99 min Scan# 655
 Delta R.T. -0.13 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

Instrument :
 MSVOA_F
 ClientSampleId :

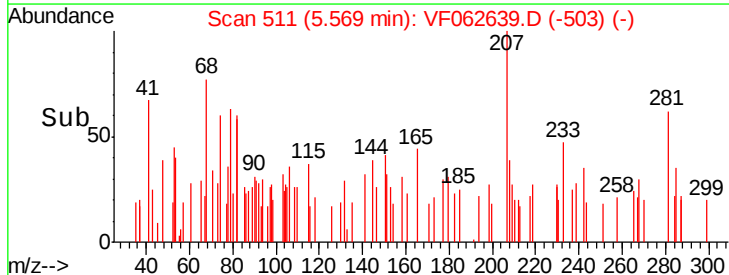
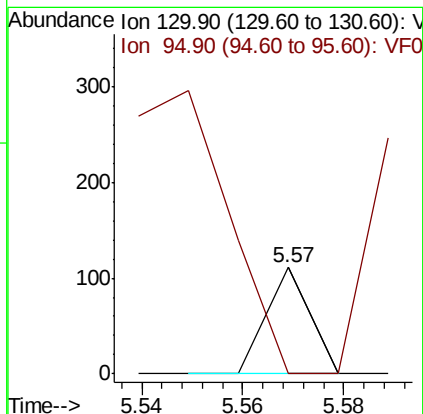
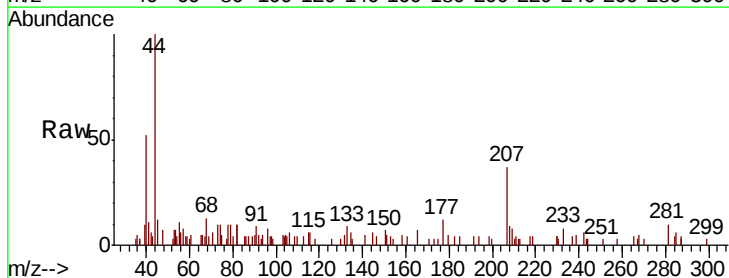
Tot Ion: 43 Resp: 1191
 Ion Ratio Lower Upper
 43 100
 61 0.0 25.8 38.8#
 87 21.3 0.4 0.6#

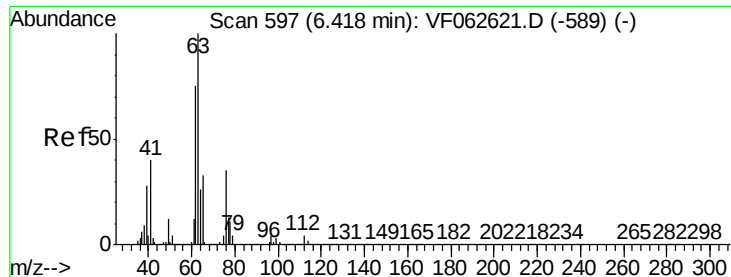


#44

Trichloroethene
 Concen: 28.134 ug/l
 RT: 5.57 min Scan# 511
 Delta R.T. -0.12 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

Tgt Ion: 130 Resp: 66
 Ion Ratio Lower Upper
 130 100
 95 0.0 0.0 199.4





#45

1,2-Dichloropropane

Concen: 224.964 ug/l

RT: 6.25 min Scan# 580

Delta R.T. -0.17 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

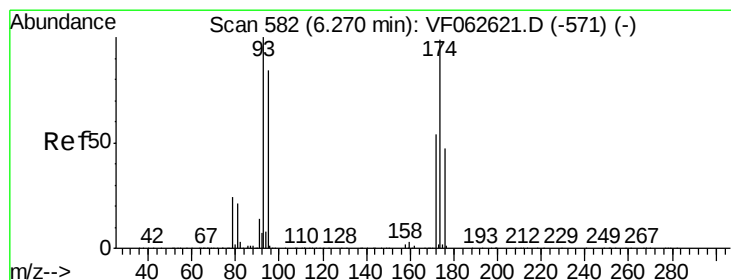
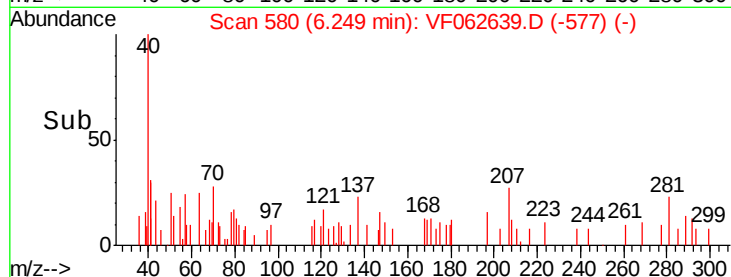
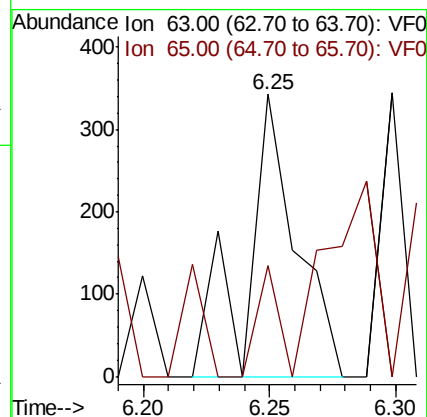
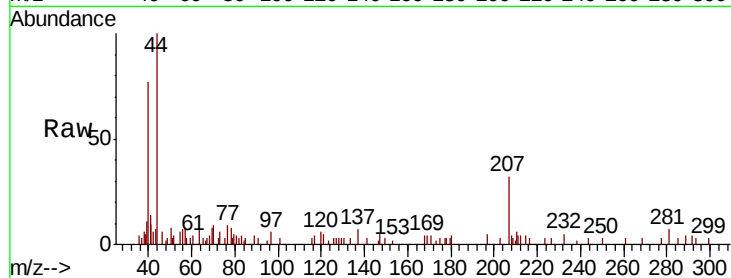
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 63 Resp: 474

Ion Ratio Lower Upper

63 100

65 39.4 26.3 39.5



#46

Dibromomethane

Concen: 185.597 ug/l

RT: 6.08 min Scan# 563

Delta R.T. -0.19 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

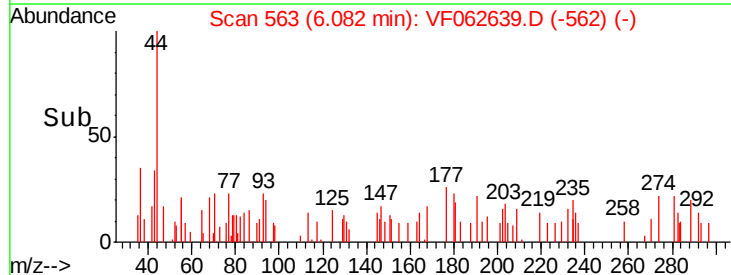
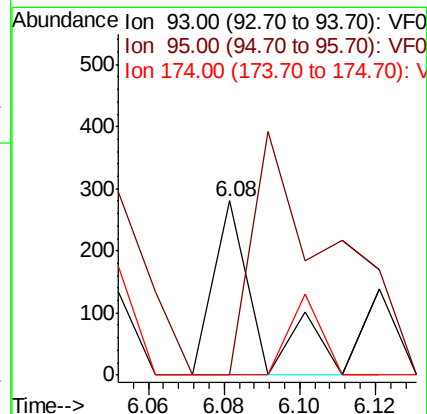
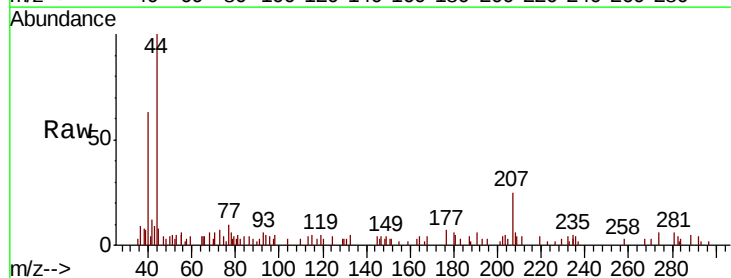
Tgt Ion: 93 Resp: 226

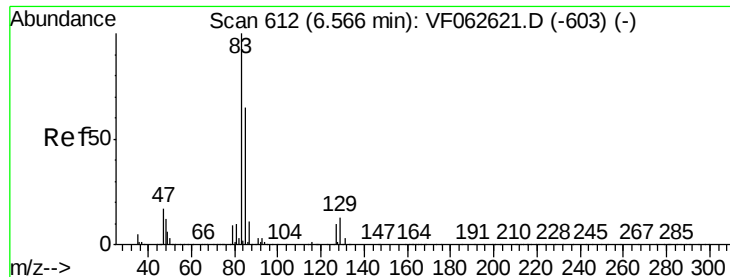
Ion Ratio Lower Upper

93 100

95 0.0 67.4 101.2#

174 0.0 79.4 119.2#





#47

Bromodichloromethane

Concen: 291.542 ug/l

RT: 6.43 min Scan# 598

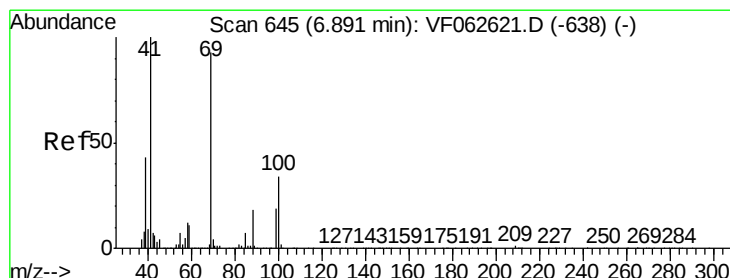
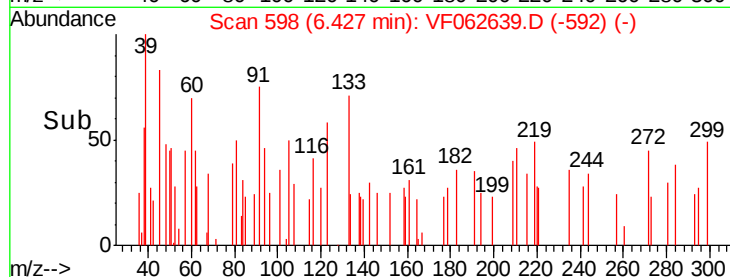
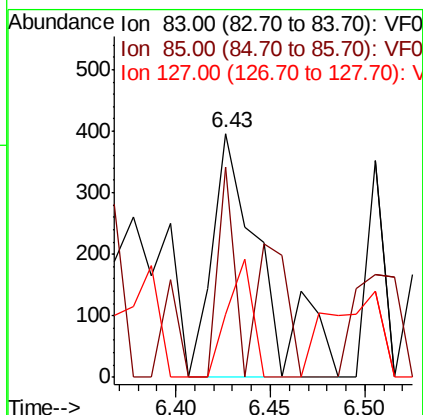
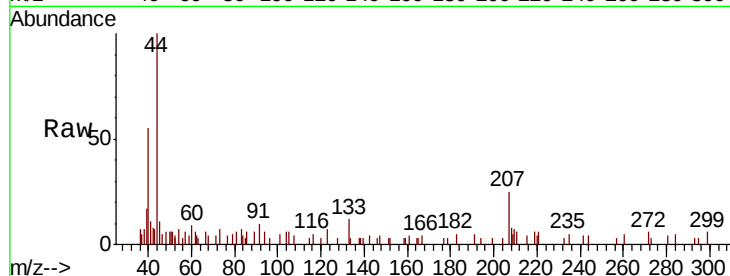
Delta R.T. -0.14 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:	83	Resp:	737
Ion	Ratio	Lower	Upper
83	100		
85	86.4	52.0	78.0#
127	25.8	7.7	11.5#



#48

Methyl methacrylate

Concen: 361.233 ug/l

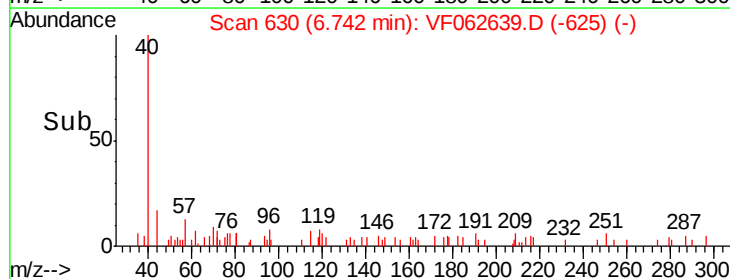
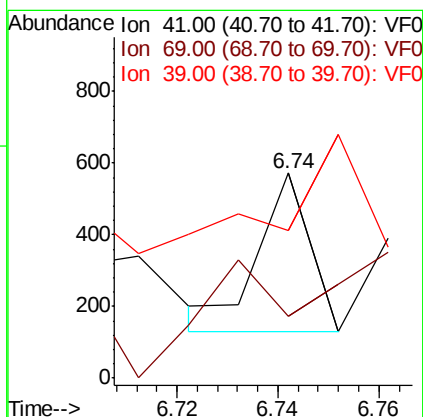
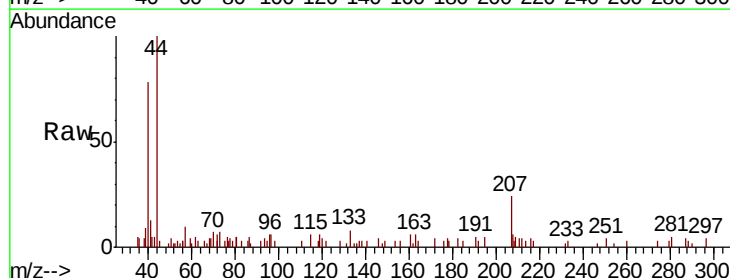
RT: 6.74 min Scan# 630

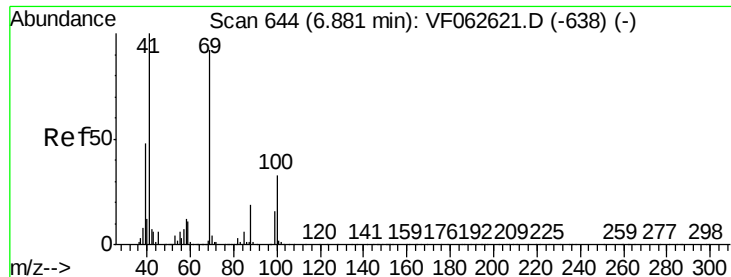
Delta R.T. -0.15 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Tgt Ion:	41	Resp:	306
Ion	Ratio	Lower	Upper
41	100		
69	30.2	74.2	111.2#
39	72.2	34.2	51.4#

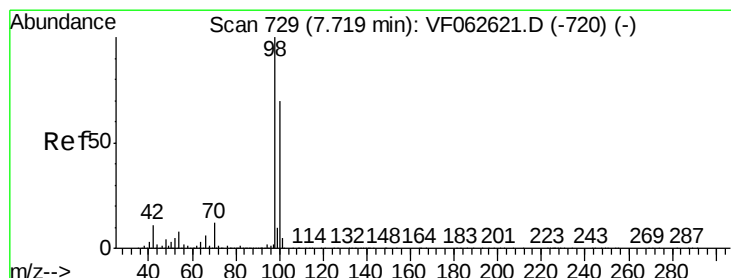
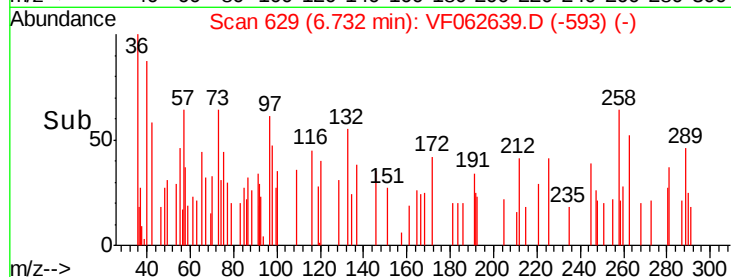
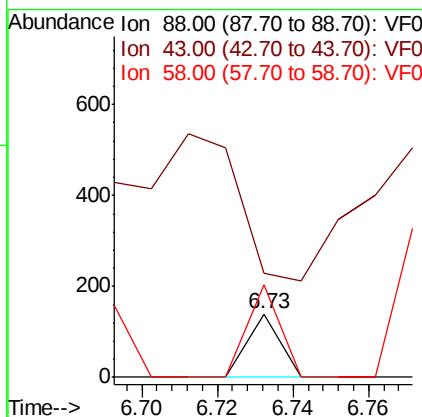
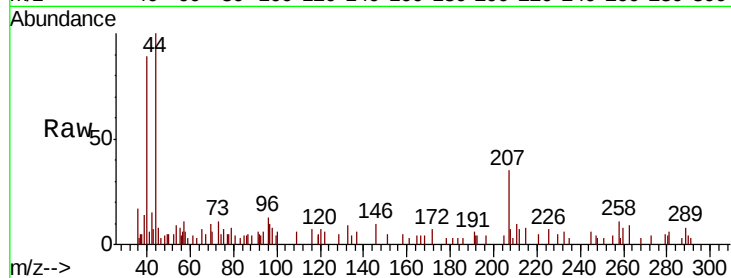




#49
1,4-Dioxane
Concen: 7650.074 ug/l
RT: 6.73 min Scan# 629
Delta R.T. -0.15 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

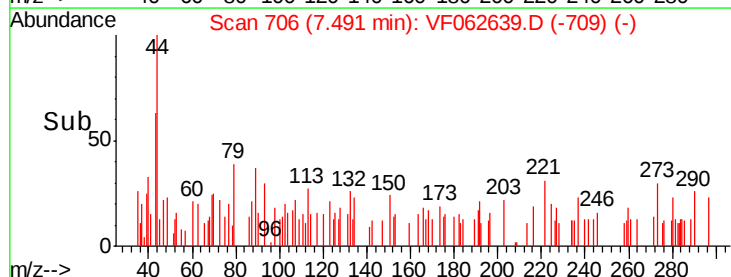
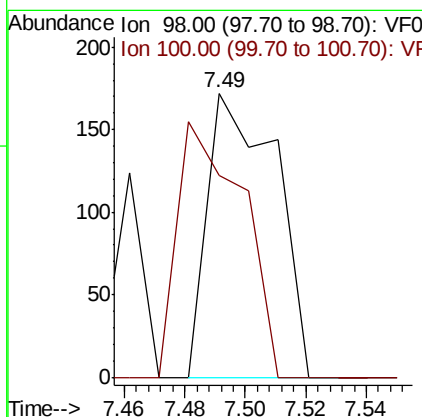
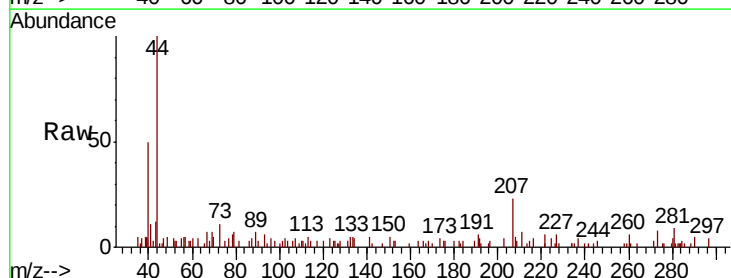
Instrument :
MSVOA_F
ClientSampled :

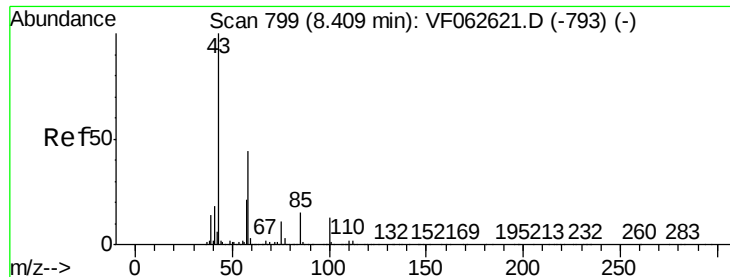
Tot Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
43 163.6 30.0 45.0#
58 145.7 51.1 76.7#



#50
Toluene-d8
Concen: 49.242 ug/l
RT: 7.49 min Scan# 706
Delta R.T. -0.23 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion: 98 Resp: 269
Ion Ratio Lower Upper
98 100
100 70.9 56.2 84.2





#51

4-Methyl-2-Pentanone

Concen: 649.039 ug/l

RT: 8.21 min Scan# 779

Delta R.T. -0.20 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Instrument :

MSVOA_F

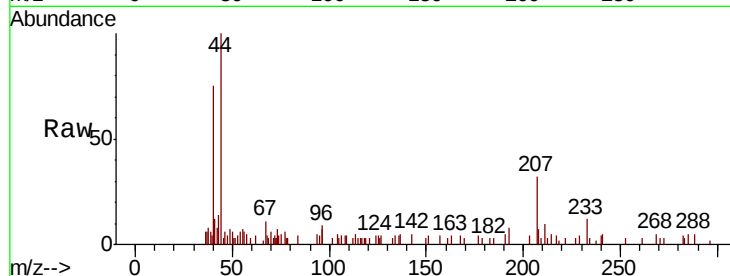
ClientSampleId :

Tot Ion: 43 Resp: 719

Ion Ratio Lower Upper

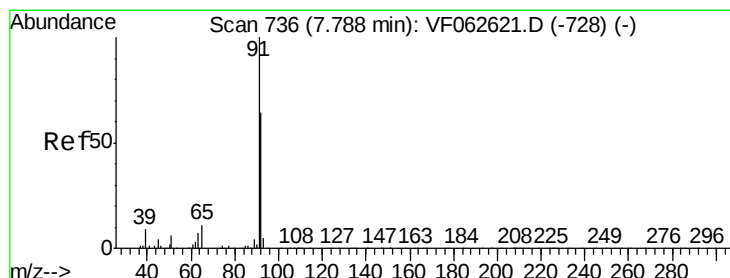
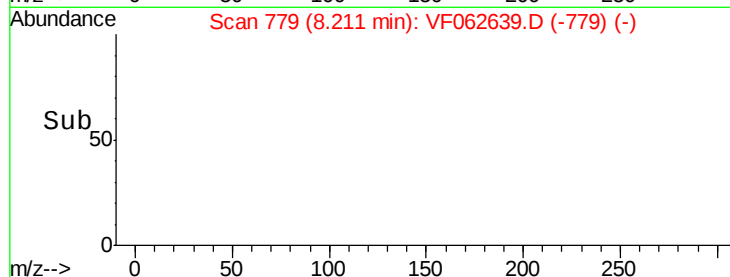
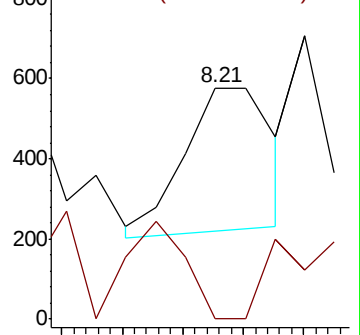
43 100

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: 25.358 ug/l

RT: 7.63 min Scan# 720

Delta R.T. -0.16 min

Lab File: VF062639.D

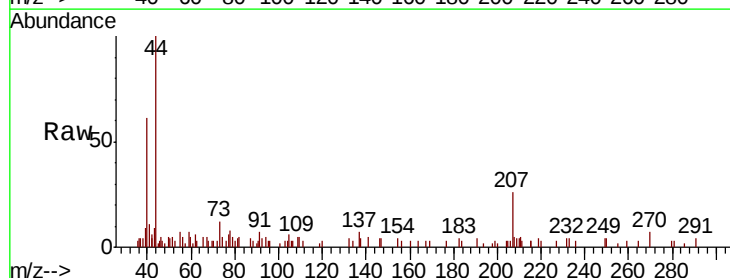
Acq: 17 May 2019 15:34

Tgt Ion: 92 Resp: 111

Ion Ratio Lower Upper

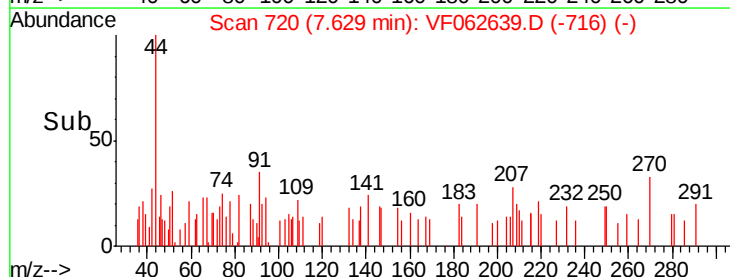
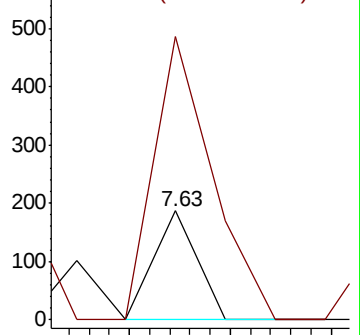
92 100

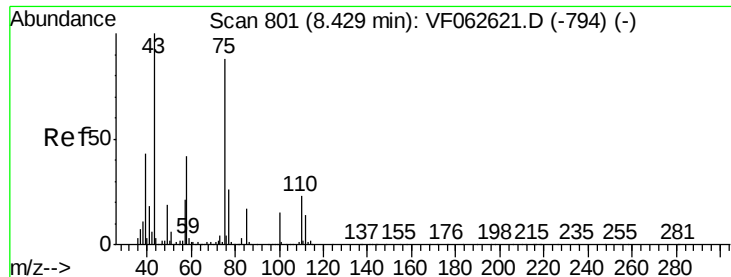
91 259.9 125.4 188.0#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



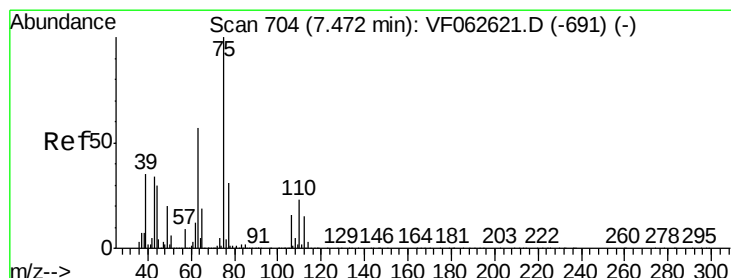
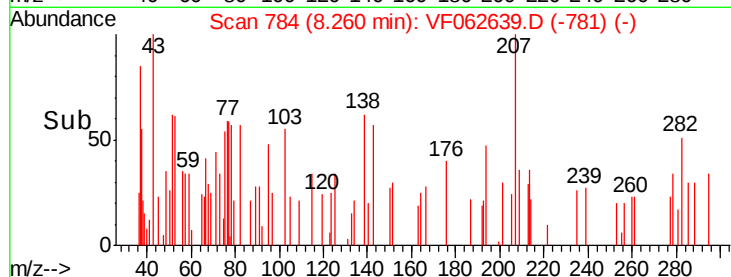
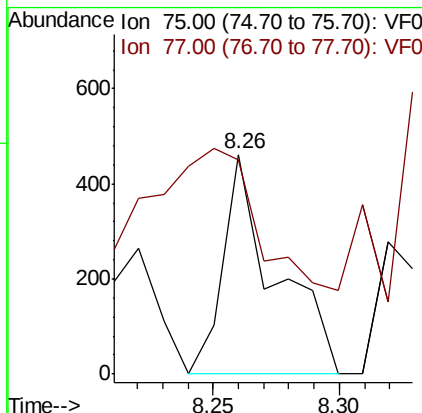
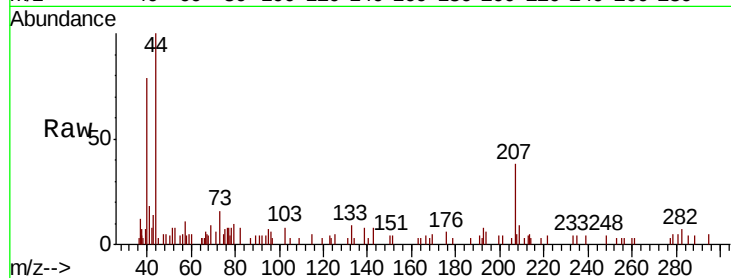


#53

t-1,3-Dichloropropene
Concen: 319.608 ug/l
RT: 8.26 min Scan# 784
Delta R.T. -0.17 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Instrument :
MSVOA_F
ClientSampled :

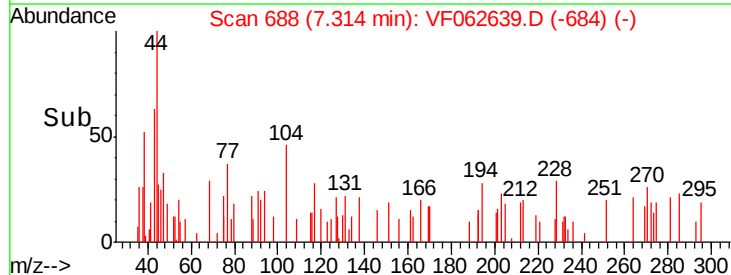
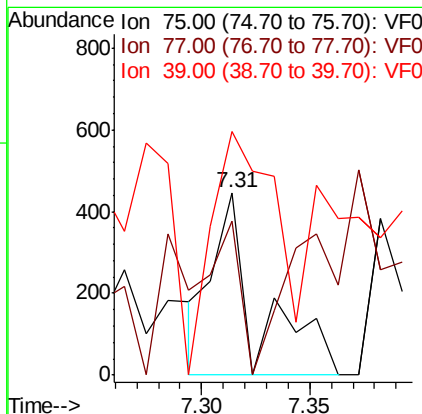
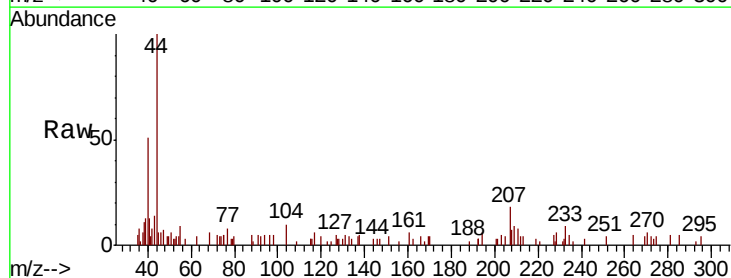
Tot Ion: 75 Resp: 661
Ion Ratio Lower Upper
75 100
77 97.4 24.2 36.4#

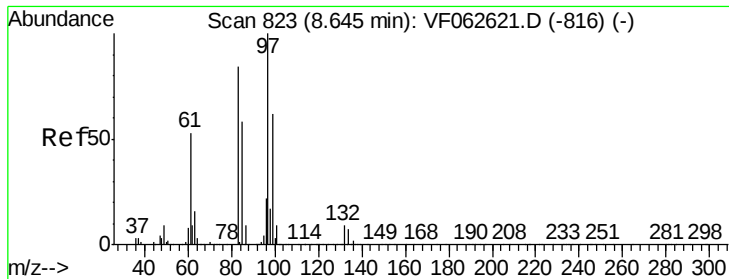


#54

cis-1,3-Dichloropropene
Concen: 226.247 ug/l
RT: 7.31 min Scan# 688
Delta R.T. -0.16 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion: 75 Resp: 655
Ion Ratio Lower Upper
75 100
77 84.1 25.3 37.9#
39 133.3 28.2 42.2#





#55

1,1,2-Trichloroethane

Concen: 251.527 ug/l

RT: 8.48 min Scan# 806

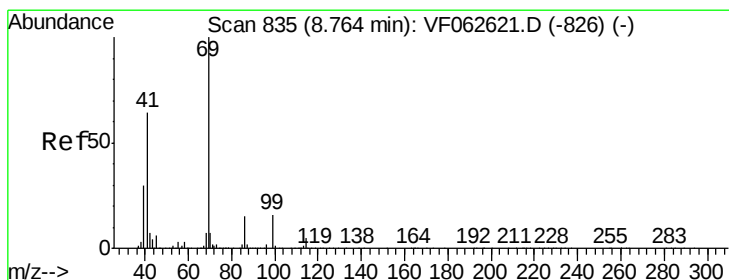
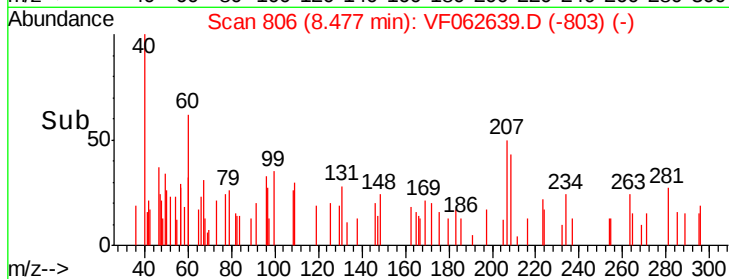
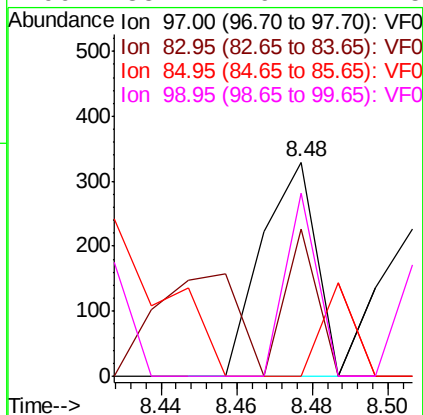
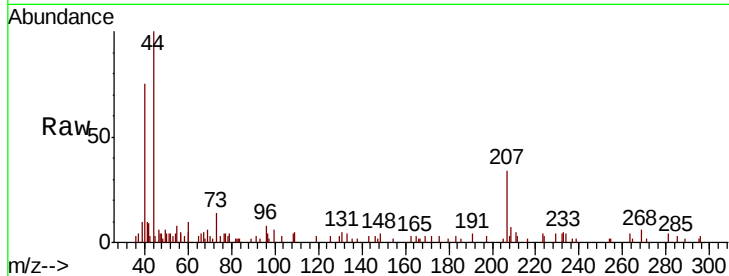
Delta R.T. -0.17 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	97	Resp:	326
Ion	Ratio	Lower	Upper
97	100		
83	68.7	67.3	100.9
85	0.0	46.6	69.8#
99	85.7	49.7	74.5#



#56

Ethyl methacrylate

Concen: 439.084 ug/l

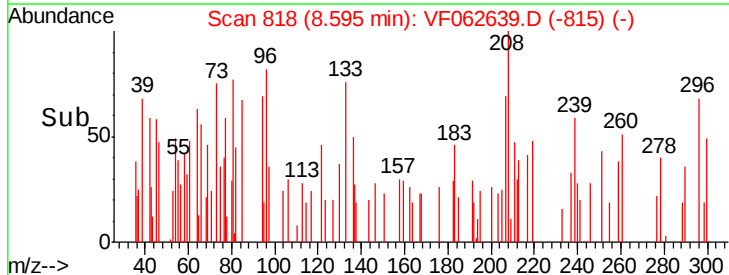
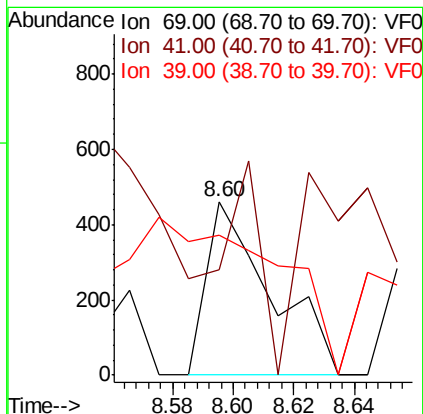
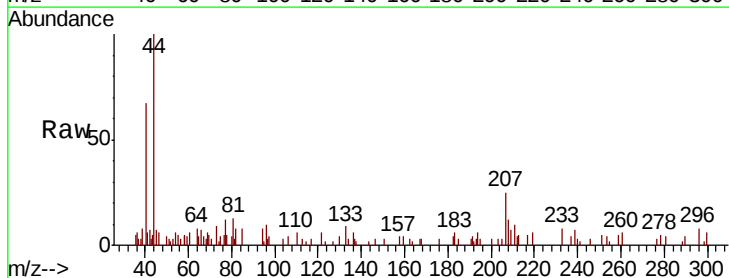
RT: 8.60 min Scan# 818

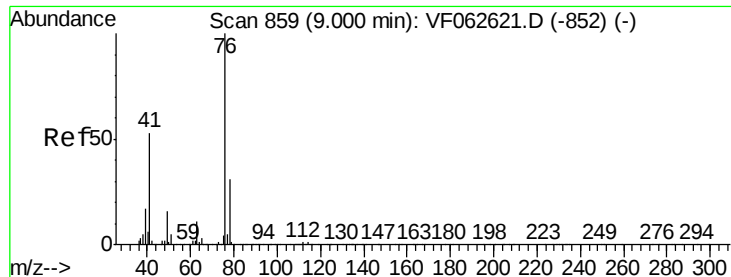
Delta R.T. -0.17 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Tgt Ion:	69	Resp:	678
Ion	Ratio	Lower	Upper
69	100		
41	60.8	51.4	77.2
39	80.7	23.6	35.4#





#57

1,3-Dichloropropane

Concen: 218.788 ug/l

RT: 8.79 min Scan# 838

Delta R.T. -0.21 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Instrument :

MSVOA_F

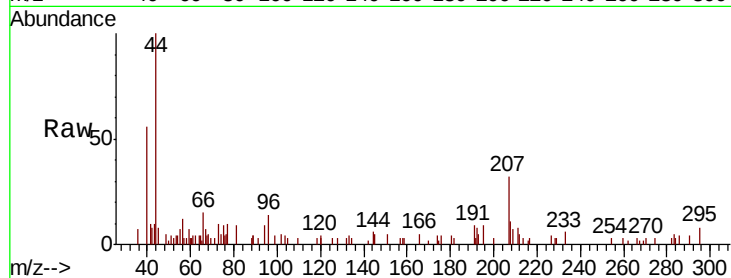
ClientSampled :

Tot Ion: 76 Resp: 483

Ion Ratio Lower Upper

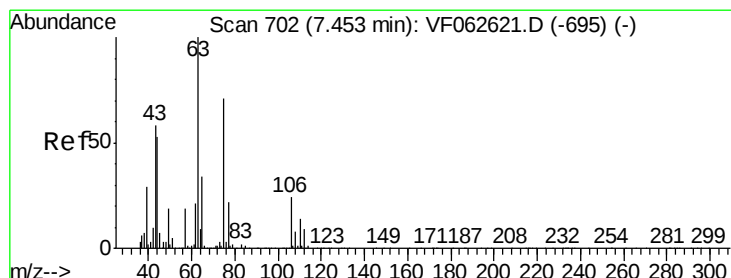
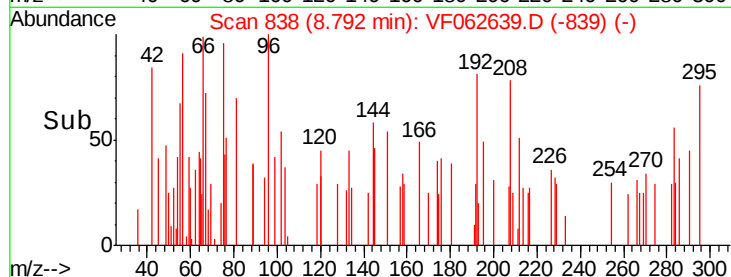
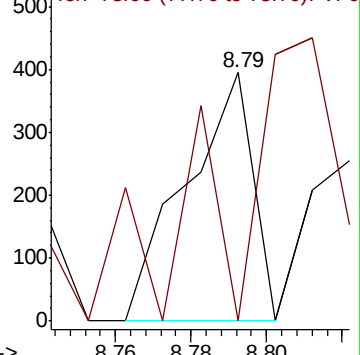
76 100

78 0.0 25.4 38.0#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 139.272 ug/l

RT: 7.33 min Scan# 690

Delta R.T. -0.12 min

Lab File: VF062639.D

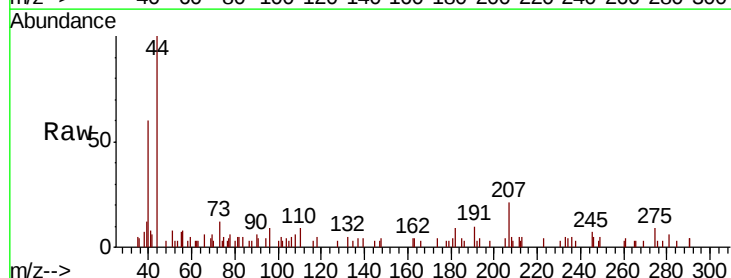
Acq: 17 May 2019 15:34

Tgt Ion: 63 Resp: 70

Ion Ratio Lower Upper

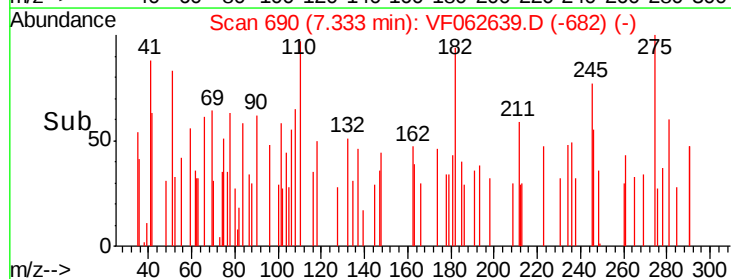
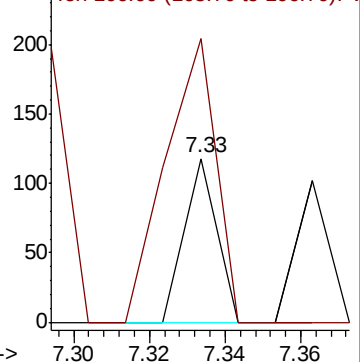
63 100

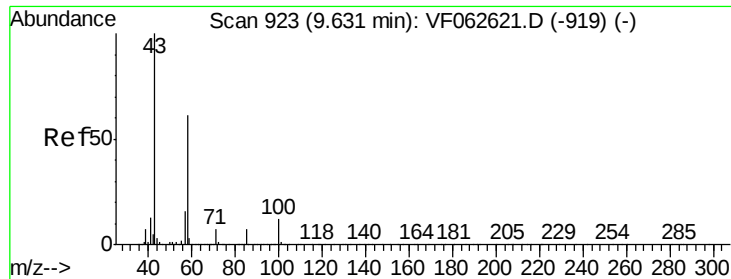
106 172.9 19.1 28.7#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

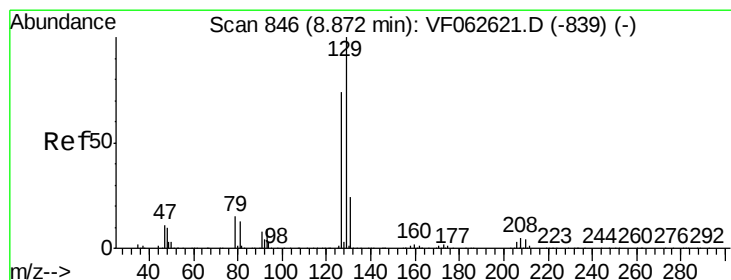
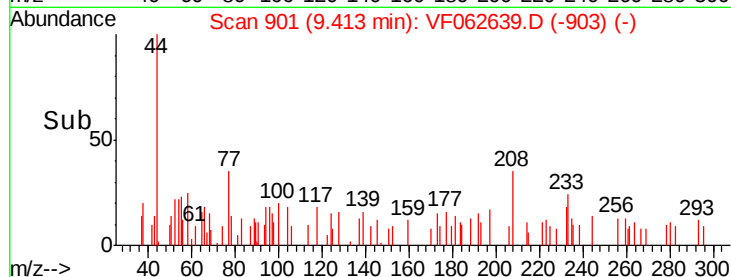
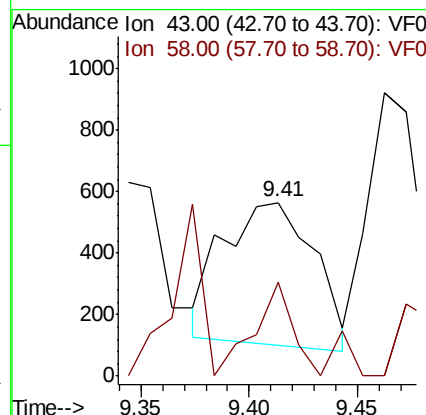
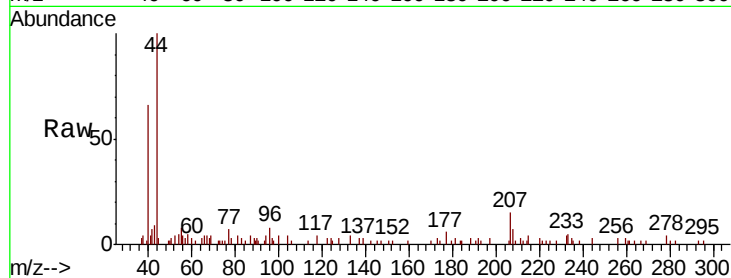




#59
2-Hexanone
Concen: 1990.211 ug/l
RT: 9.41 min Scan# 901
Delta R.T. -0.22 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

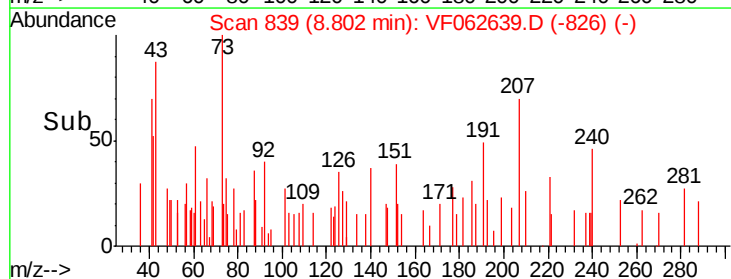
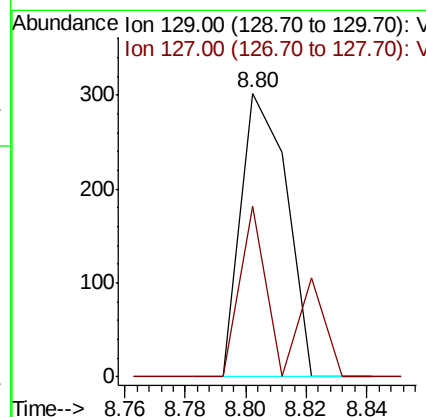
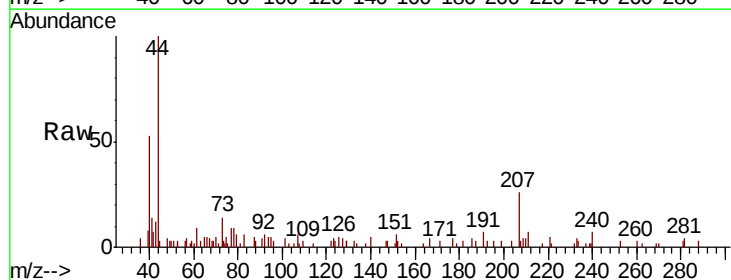
Instrument :
MSVOA_F
ClientSampleId :

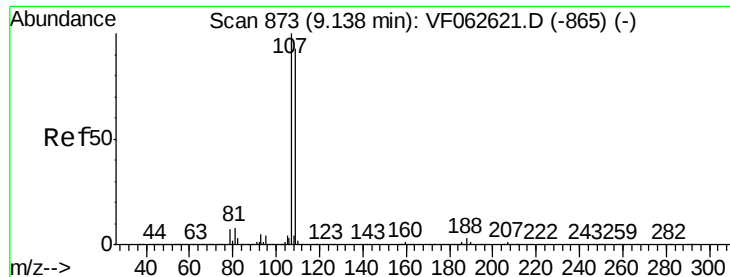
Tot Ion: 43 Resp: 1345
Ion Ratio Lower Upper
43 100
58 53.8 28.1 84.4



#60
Dibromochloromethane
Concen: 189.437 ug/l
RT: 8.80 min Scan# 839
Delta R.T. -0.07 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion: 129 Resp: 320
Ion Ratio Lower Upper
129 100
127 60.3 37.2 111.6





#61

1,2-Dibromoethane

Concen: 132.933 ug/l

RT: 9.05 min Scan# 864

Delta R.T. -0.09 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

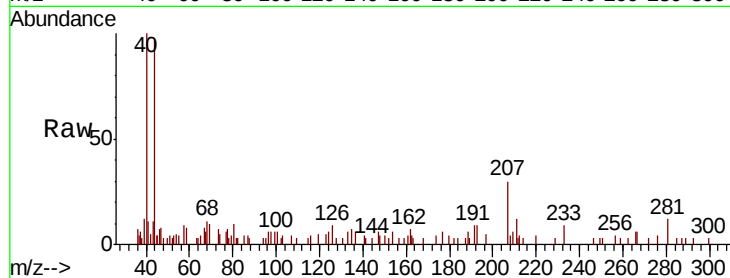
Instrument :
MSVOA_F
ClientSampled :

Tot Ion:107 Resp: 183

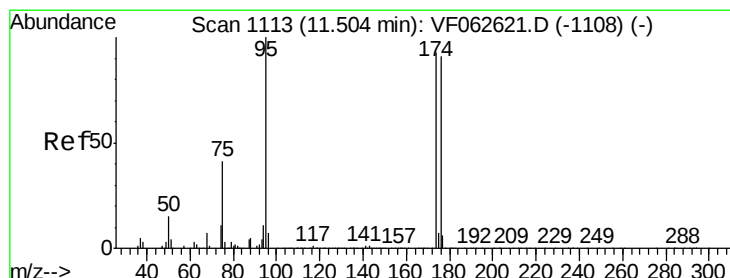
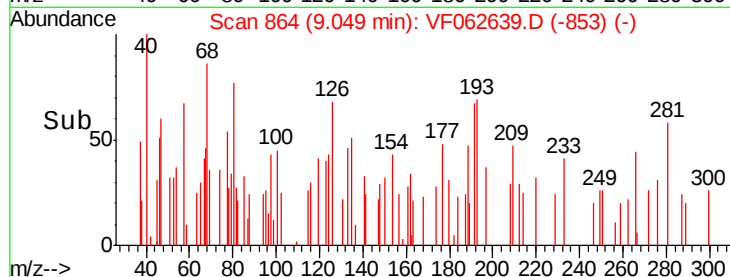
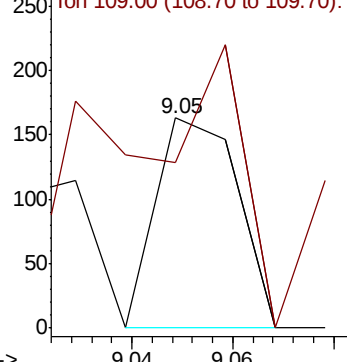
Ion Ratio Lower Upper

107 100

109 79.1 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: 250.500 ug/l

RT: 11.25 min Scan# 1087

Delta R.T. -0.26 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

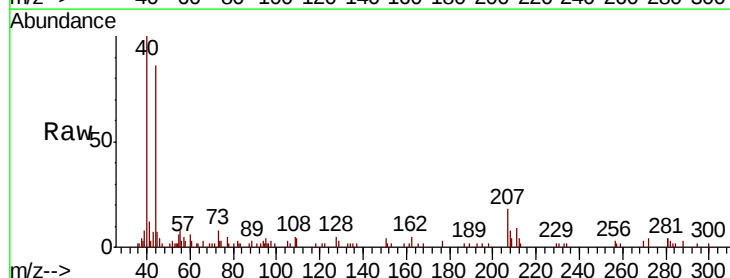
Tgt Ion: 95 Resp: 519

Ion Ratio Lower Upper

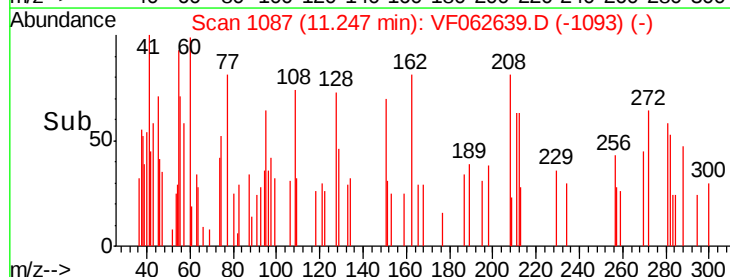
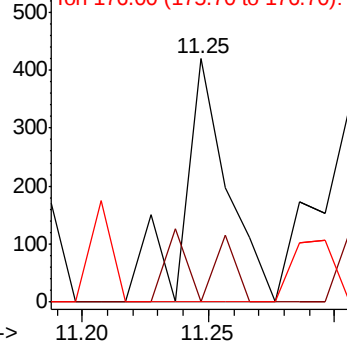
95 100

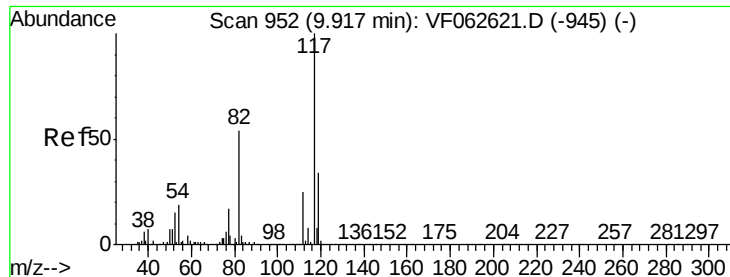
174 0.0 0.0 185.6

176 54.5 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

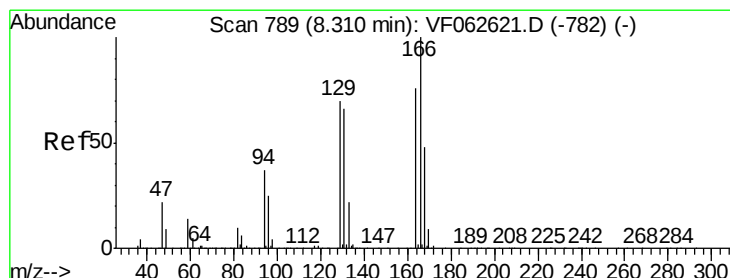
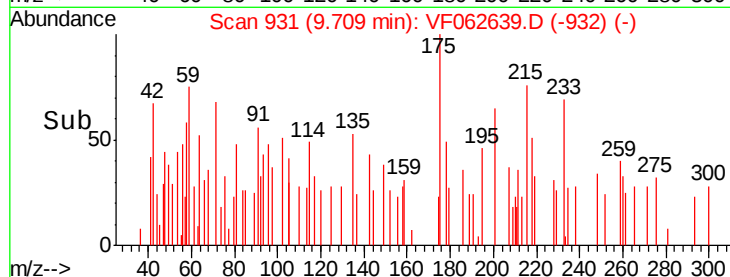
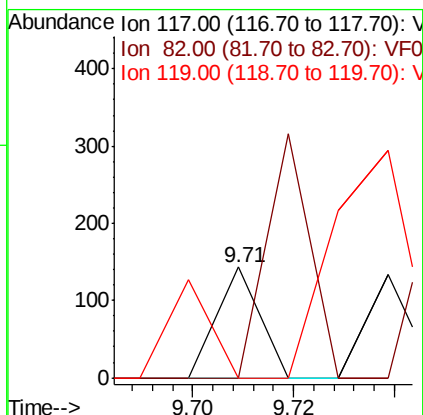
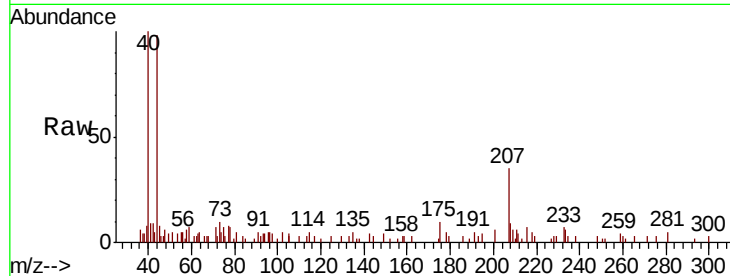




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.71 min Scan# 931
Delta R.T. -0.21 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

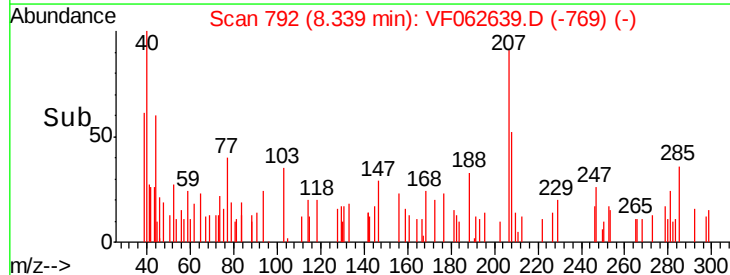
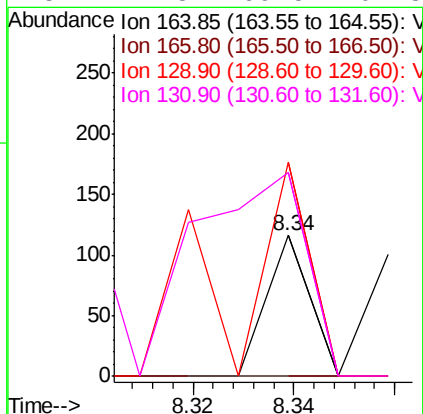
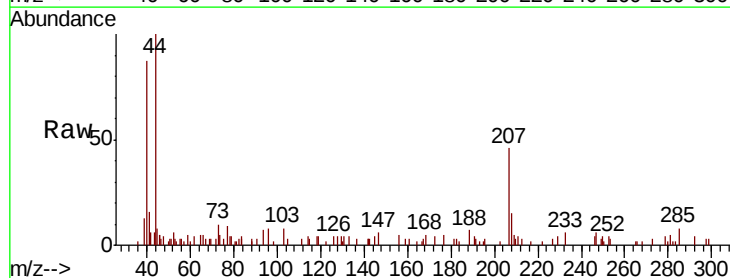
Instrument :
MSVOA_F
ClientSampleId :

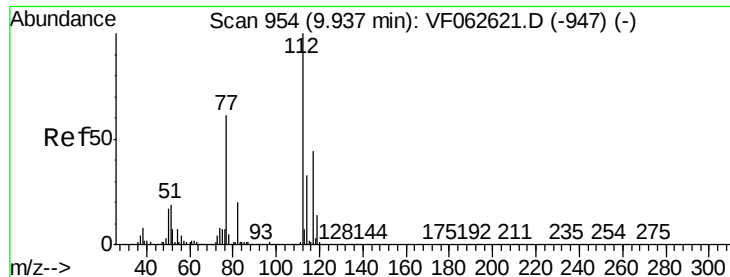
Tot Ion	Ratio	Lower	Upper
117	100		
82	0.0	43.3	64.9#
119	0.0	27.4	41.0#



#64
Tetrachloroethene
Concen: 102.466 ug/l
RT: 8.34 min Scan# 792
Delta R.T. 0.03 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	0.0	105.5	158.3#
129	151.7	73.8	110.6#
131	144.8	69.5	104.3#

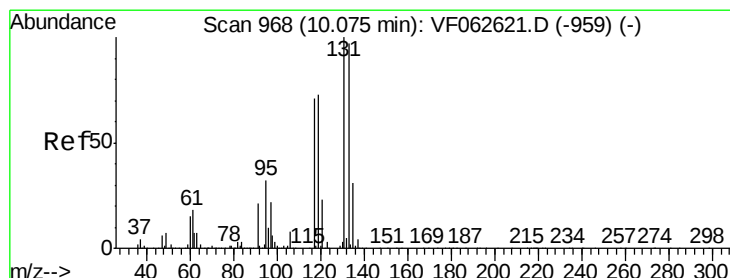
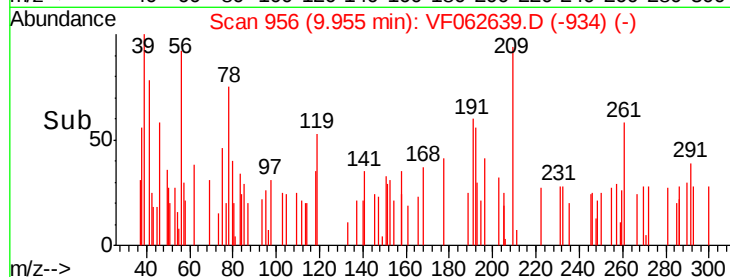
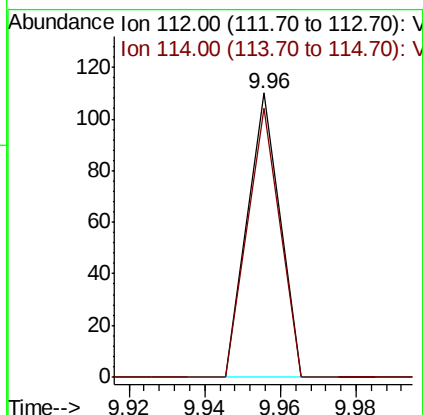
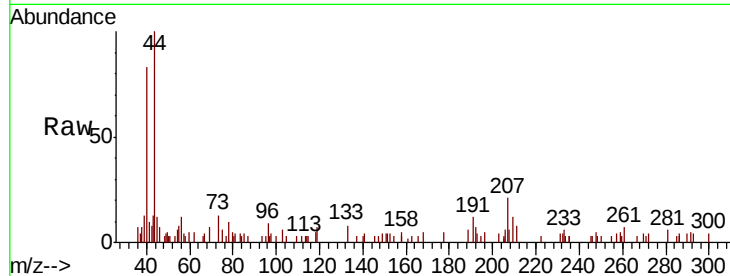




#65
Chlorobenzene
Concen: 38.934 ug/l
RT: 9.96 min Scan# 956
Delta R.T. 0.02 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

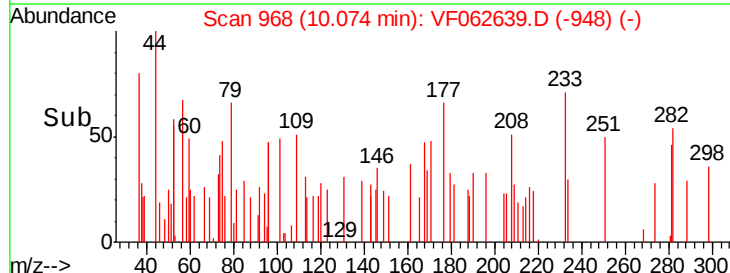
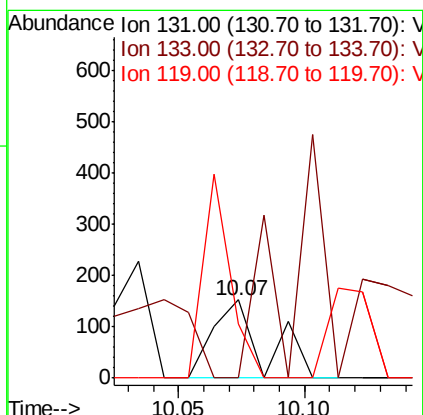
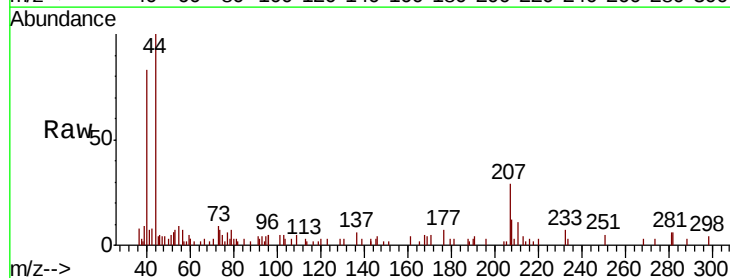
Instrument :
MSVOA_F
ClientSampled :

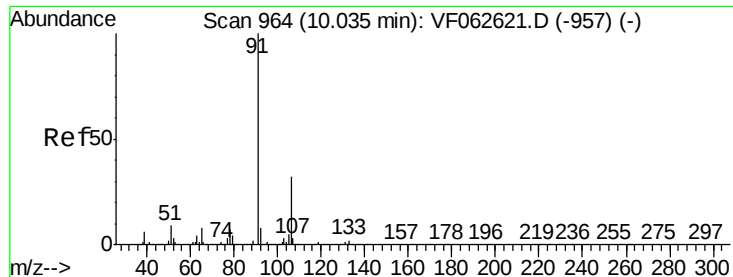
Tot Ion:112 Resp: 65
Ion Ratio Lower Upper
112 100
114 94.5 26.8 40.2#



#66
1,1,1,2-Tetrachloroethane
Concen: 322.288 ug/l
RT: 10.07 min Scan# 968
Delta R.T. -0.00 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion:131 Resp: 216
Ion Ratio Lower Upper
131 100
133 0.0 48.5 145.5#
119 69.9 36.8 110.4

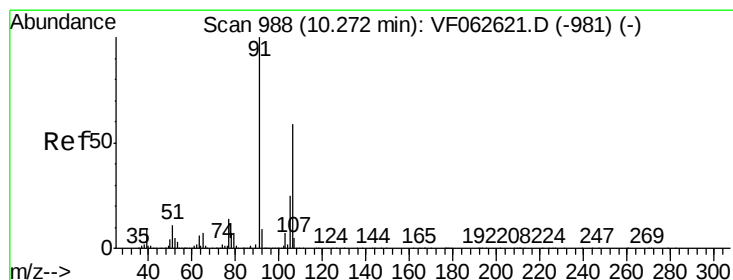
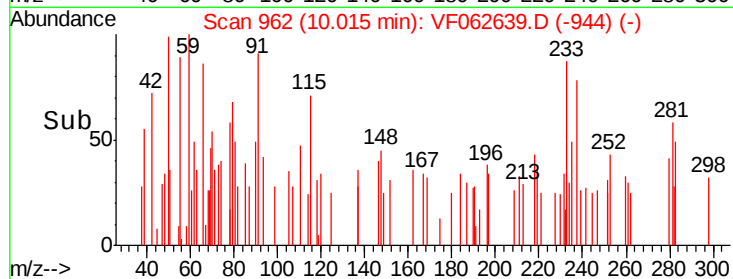
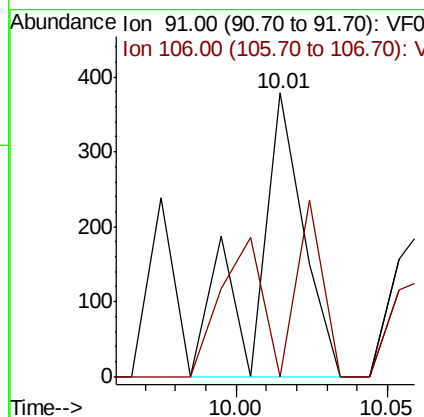
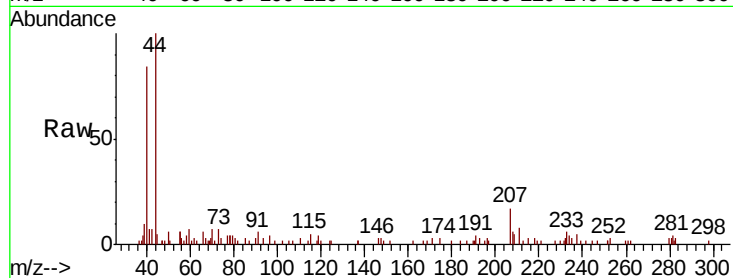




#67
Ethyl Benzene
Concen: 146.194 ug/l
RT: 10.01 min Scan# 962
Delta R.T. -0.02 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

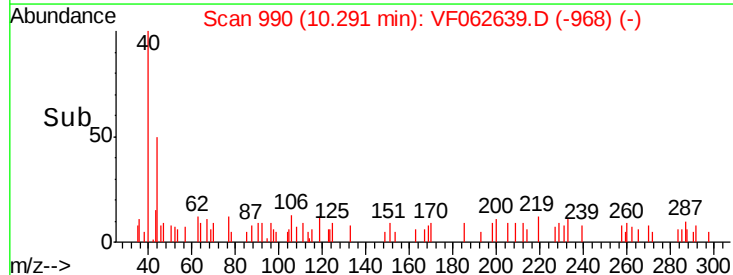
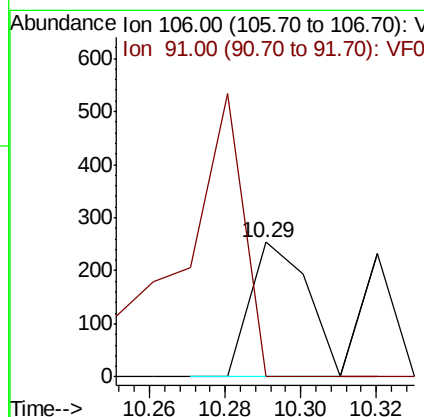
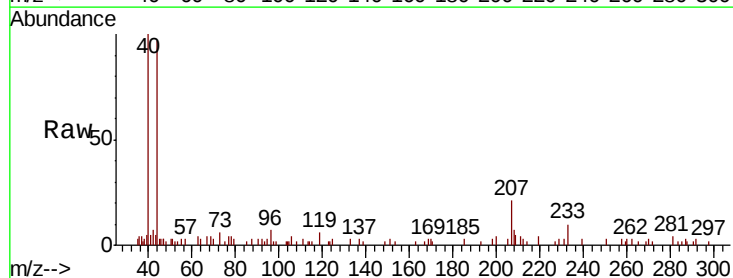
Instrument :
MSVOA_F
ClientSampled :

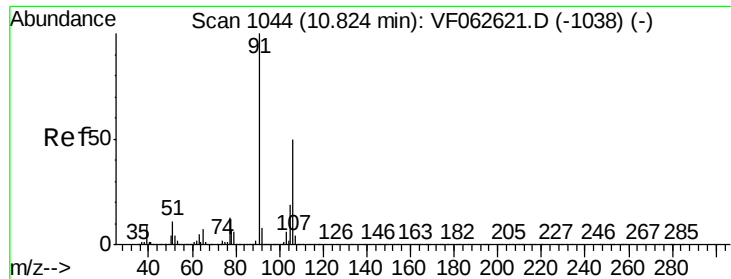
Tot Ion: 91 Resp: 424
Ion Ratio Lower Upper
91 100
106 0.0 25.8 38.8#



#68
m/p-Xylenes
Concen: 242.192 ug/l
RT: 10.29 min Scan# 990
Delta R.T. 0.02 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion: 106 Resp: 264
Ion Ratio Lower Upper
106 100
91 0.0 136.9 205.3#

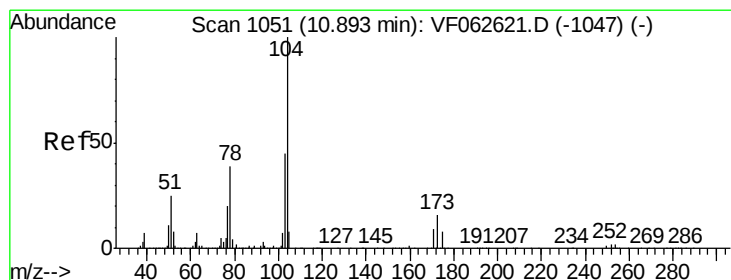
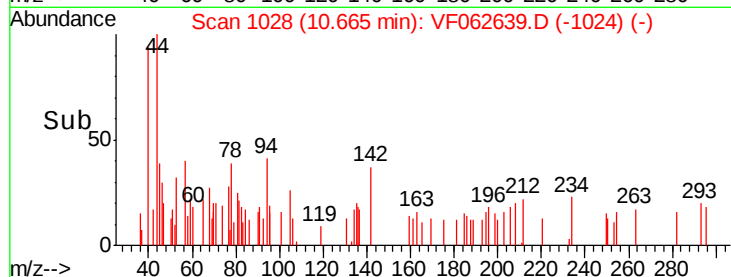
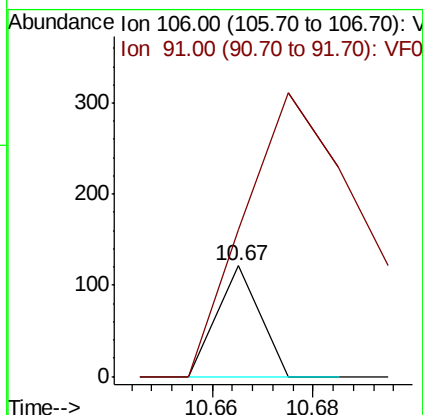
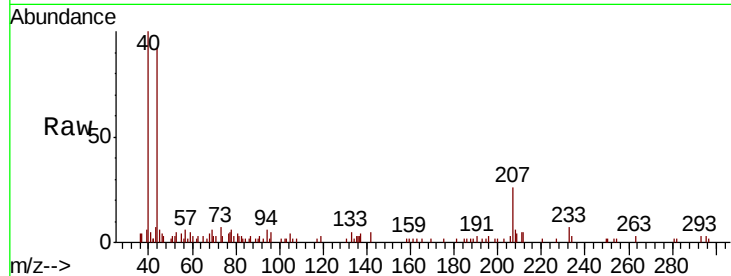




#69
o-Xylene
Concen: 64.128 ug/l
RT: 10.67 min Scan# 1028
Delta R.T. -0.16 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

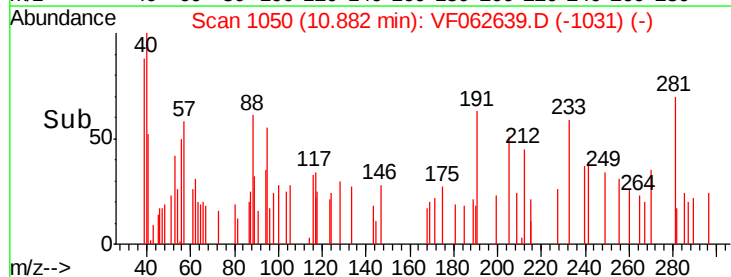
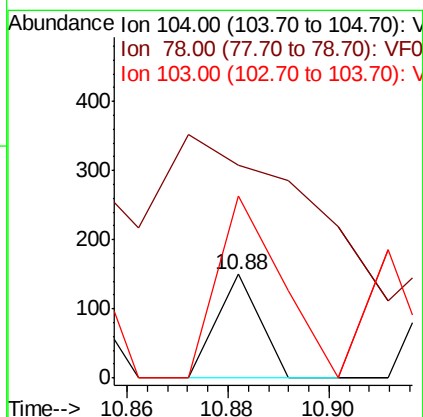
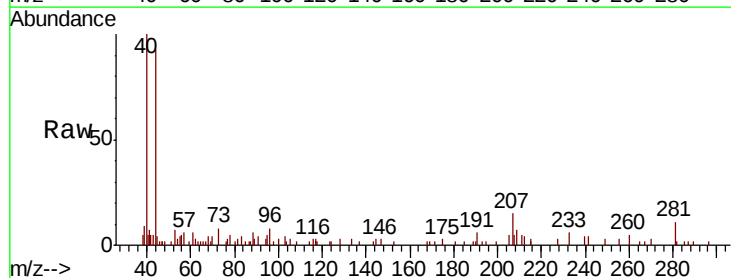
Instrument :
MSVOA_F
ClientSampleId :

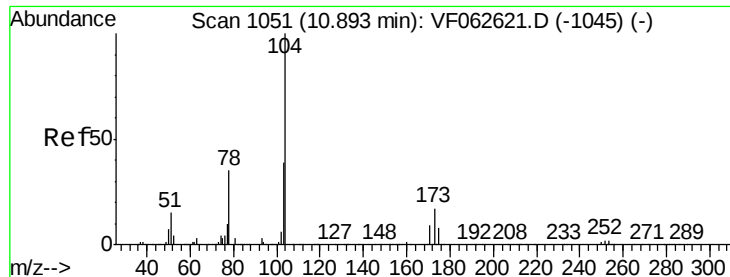
Tot Ion:106 Resp: 72
Ion Ratio Lower Upper
106 100
91 133.1 100.2 300.5



#70
Styrene
Concen: 52.153 ug/l
RT: 10.88 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion:104 Resp: 89
Ion Ratio Lower Upper
104 100
78 204.7 31.9 47.9#
103 175.3 36.1 54.1#





#71

Bromoform

Concen: 211.520 ug/l

RT: 10.91 min Scan# 1053

Delta R.T. 0.02 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

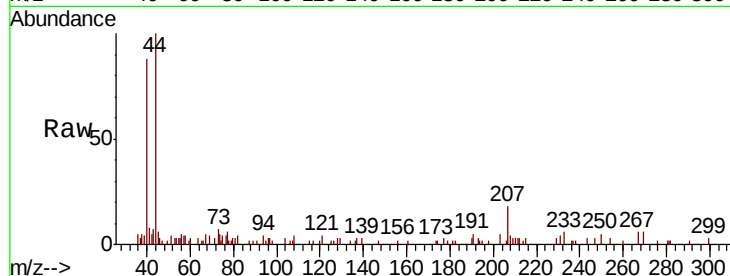
Instrument :

MSVOA_F

ClientSampled :

Tot Ion:173 Resp: 71

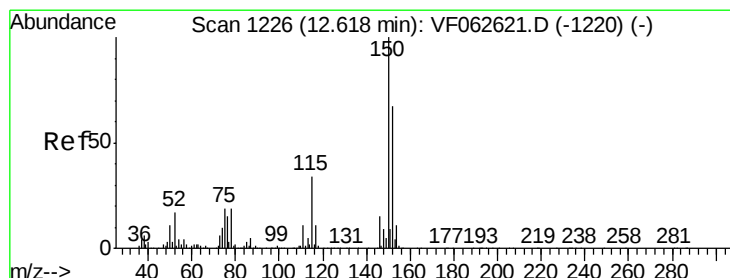
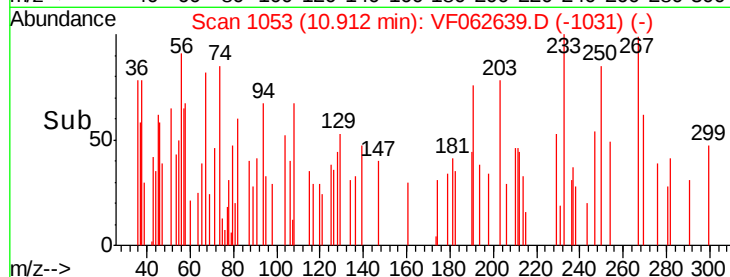
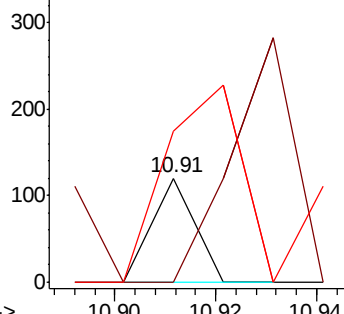
Ion	Ratio	Lower	Upper
173	100		
175	0.0	25.3	75.9#
254	145.8	0.2	0.2#



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

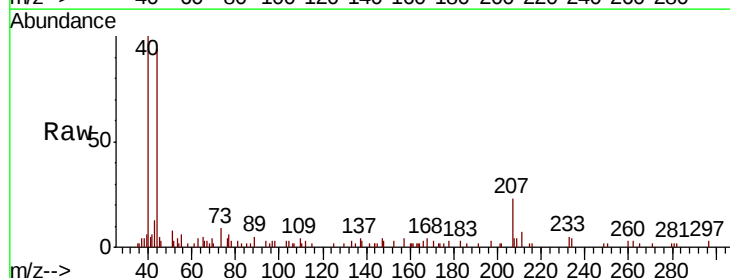
Delta R.T. 0.06 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Tgt Ion:152 Resp: 185

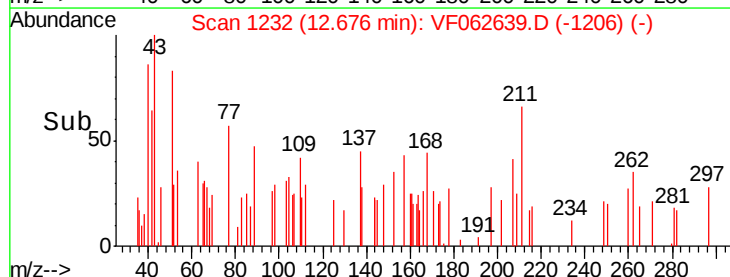
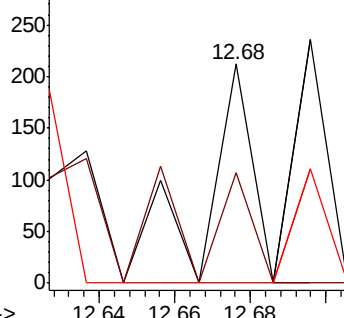
Ion	Ratio	Lower	Upper
152	100		
115	50.5	25.2	75.6
150	0.0	0.0	306.2

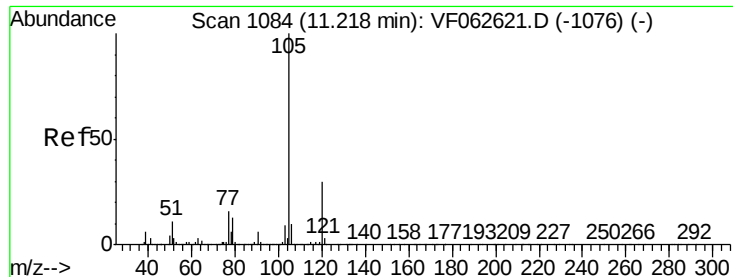


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 12.897 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Instrument :

MSVOA_F

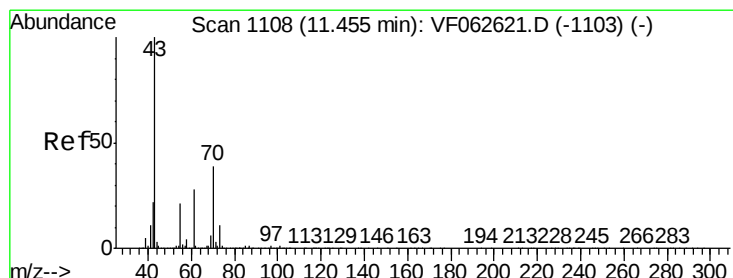
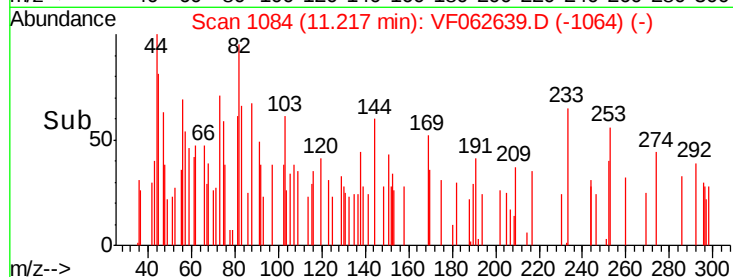
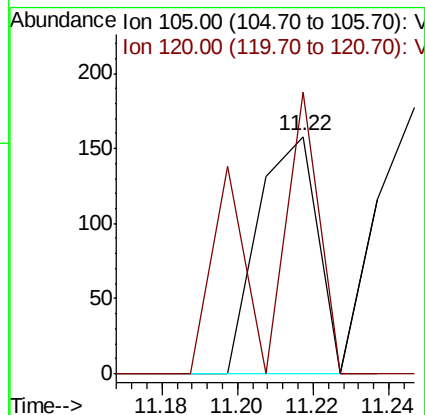
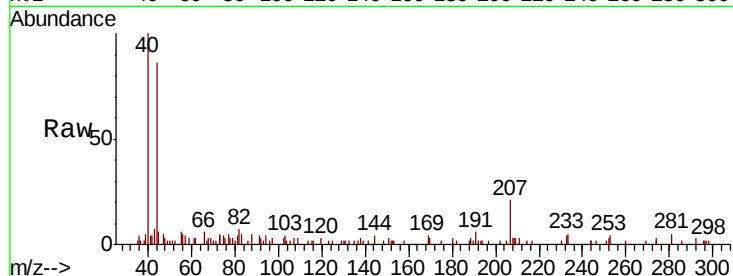
ClientSampled :

Tot Ion:105 Resp: 171

Ion Ratio Lower Upper

105 100

120 119.0 14.8 44.4#



#74

N-ethyl acetate

Concen: 334.203 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Tgt Ion: 43 Resp: 1024

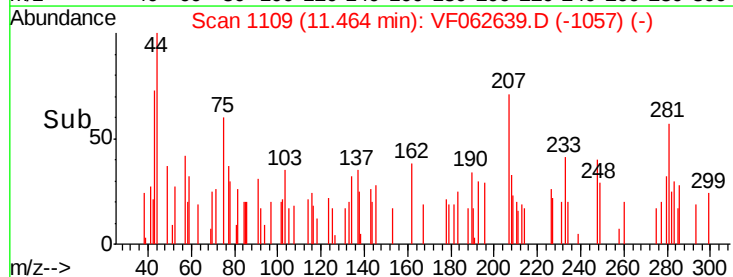
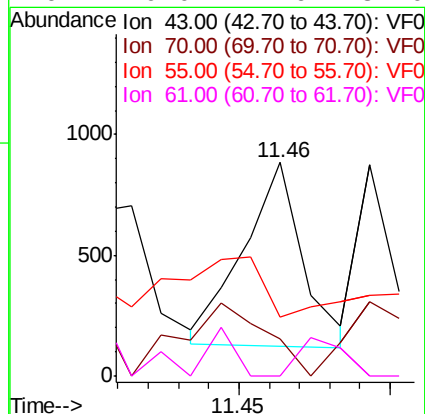
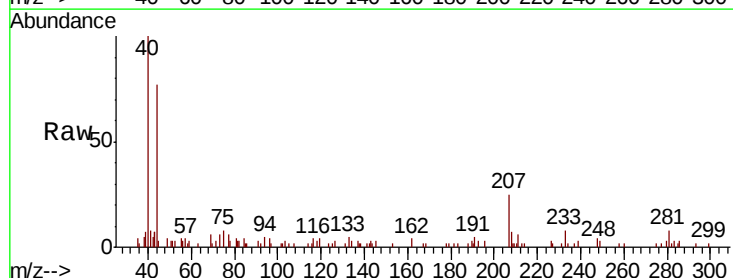
Ion Ratio Lower Upper

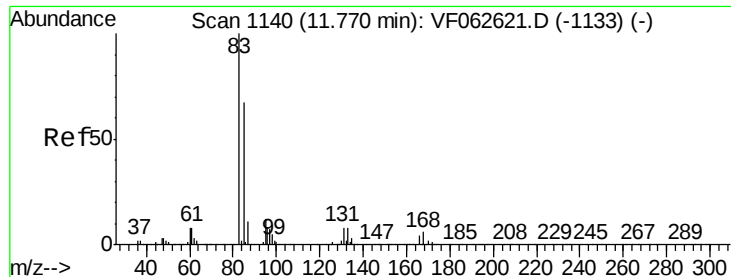
43 100

70 17.3 30.9 46.3#

55 27.5 17.0 25.4#

61 0.0 22.6 34.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 116.618 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.02 min

Lab File: VF062639.D

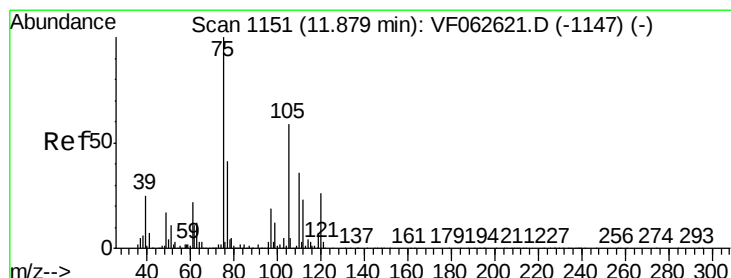
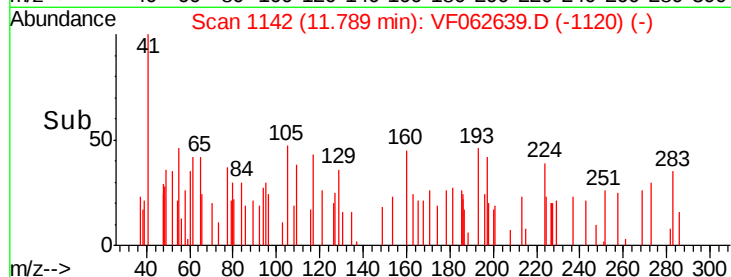
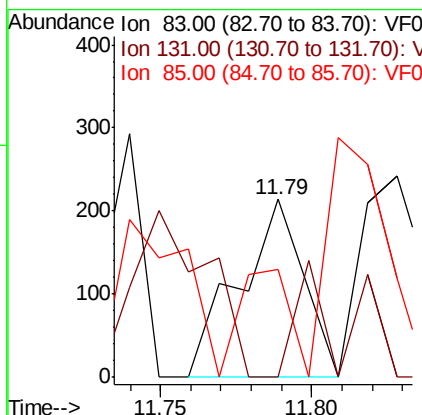
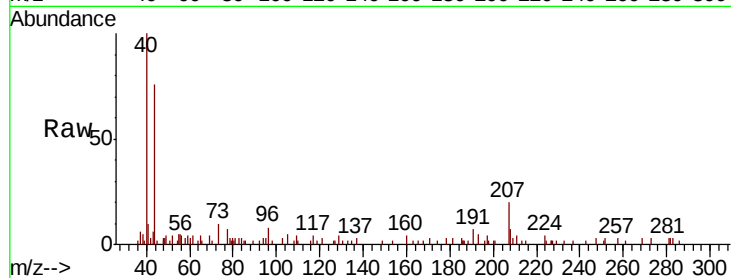
Acq: 17 May 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.0	12.0#
85	60.3	33.5	100.5



#76

1,2,3-Trichloropropane

Concen: 670.617 ug/l

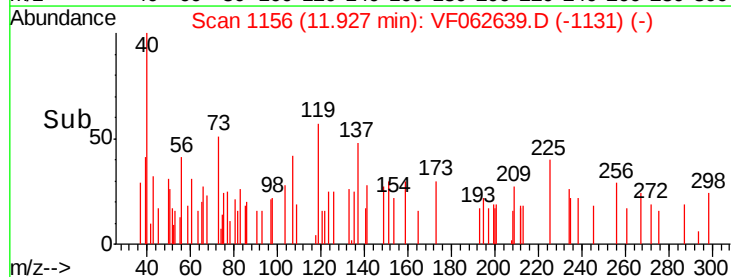
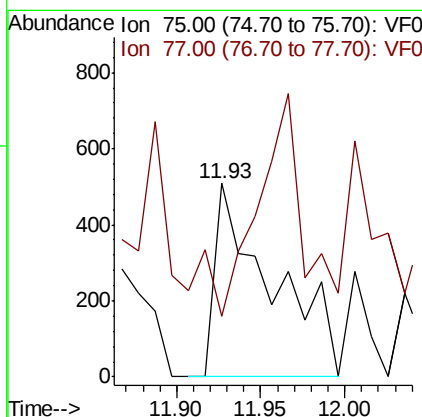
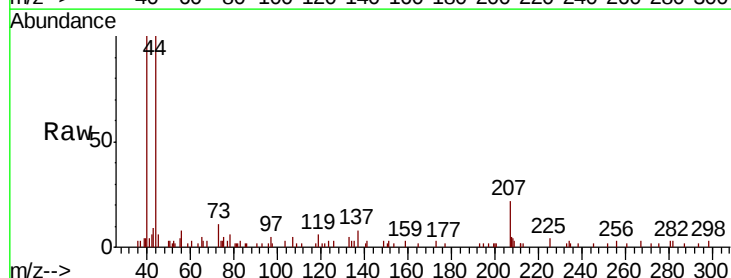
RT: 11.93 min Scan# 1156

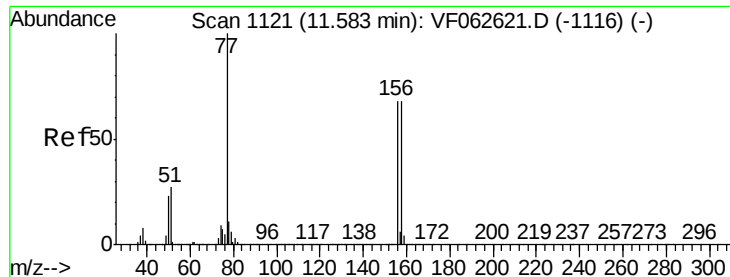
Delta R.T. 0.05 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	20.6	61.8

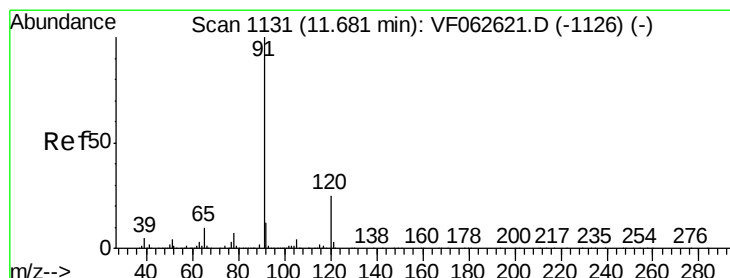
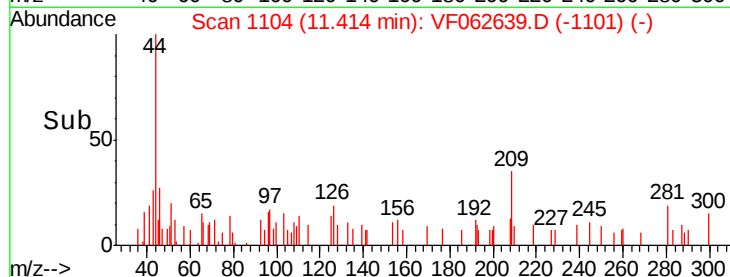
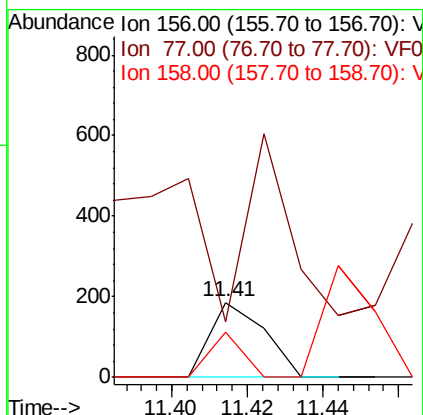
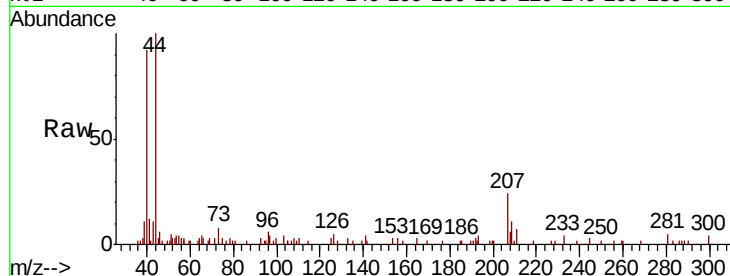




#77
Bromobenzene
Concen: 55.221 ug/l
RT: 11.41 min Scan# 1104
Delta R.T. -0.17 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

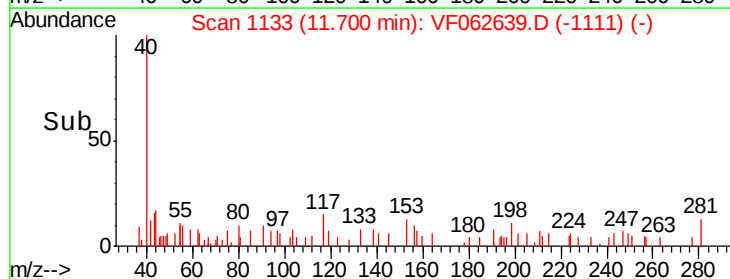
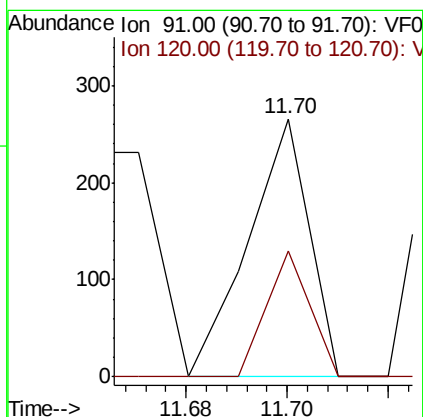
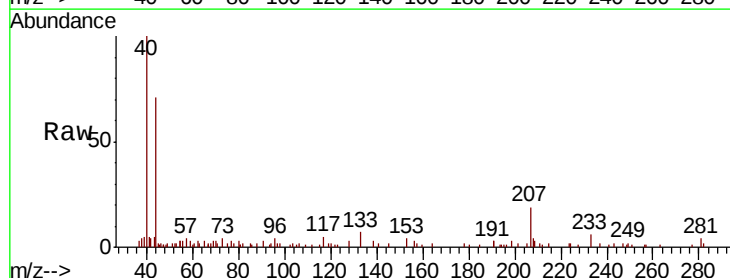
Instrument :
MSVOA_F
ClientSampleId :

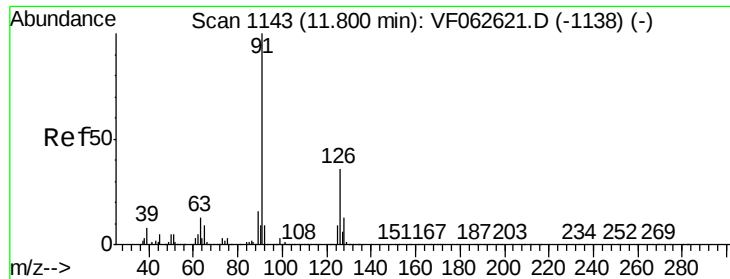
Tot Ion:156 Resp: 182
Ion Ratio Lower Upper
156 100
77 73.7 73.6 220.8
158 60.8 49.6 148.8



#78
n-propylbenzene
Concen: 14.147 ug/l
RT: 11.70 min Scan# 1133
Delta R.T. 0.02 min
Lab File: VF062639.D
Acq: 17 May 2019 15:34

Tgt Ion: 91 Resp: 222
Ion Ratio Lower Upper
91 100
120 48.5 12.7 38.1#

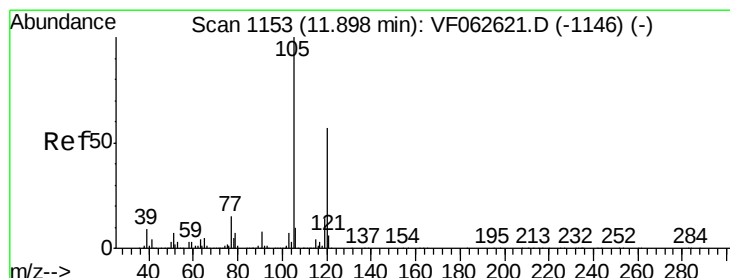
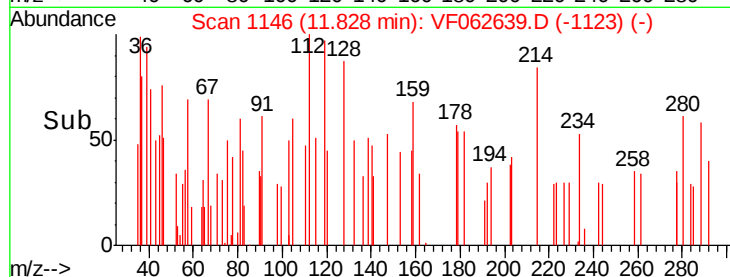
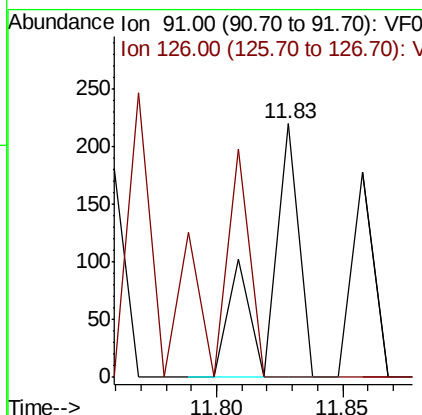
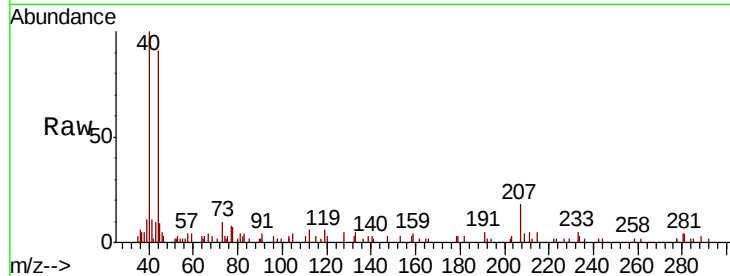




#79
 2-Chlorotoluene
 Concen: 21.485 ug/l
 RT: 11.83 min Scan# 1146
 Delta R.T. 0.03 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

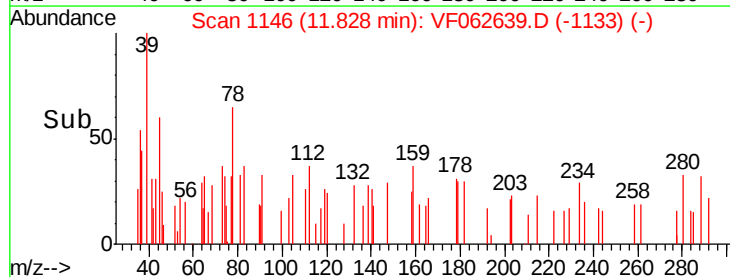
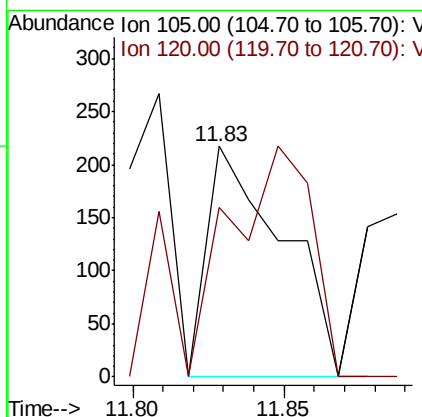
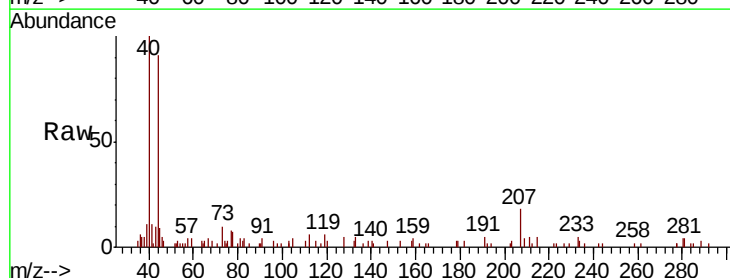
Instrument :
 MSVOA_F
 ClientSampled :

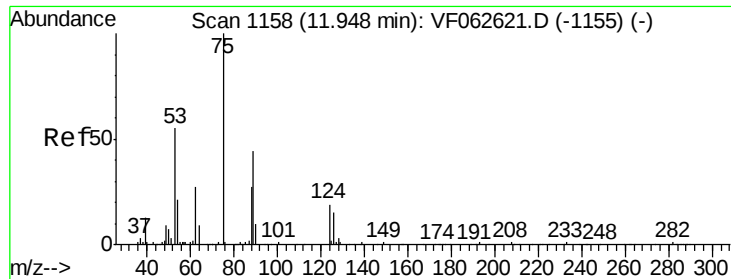
Tot Ion: 91 Resp: 190
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.1 54.4#



#80
 1,3,5-Trimethylbenzene
 Concen: 35.554 ug/l
 RT: 11.83 min Scan# 1146
 Delta R.T. -0.07 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

Tgt Ion:105 Resp: 378
 Ion Ratio Lower Upper
 105 100
 120 73.7 28.7 86.3





#81

trans-1,4-Dichloro-2-butene

Concen: 1508.678 ug/l

RT: 11.93 min Scan# 1156

Delta R.T. -0.02 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

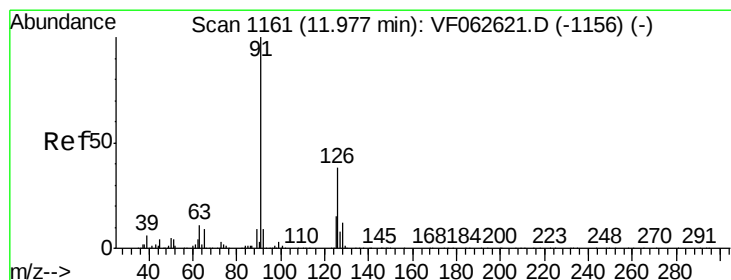
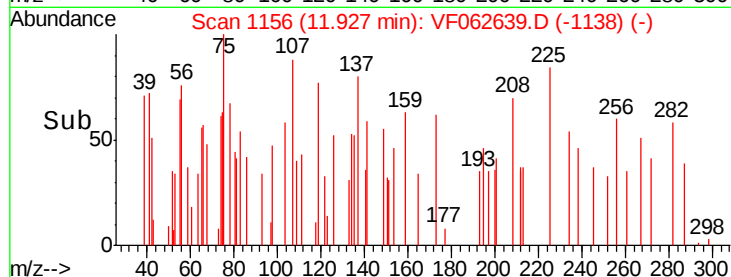
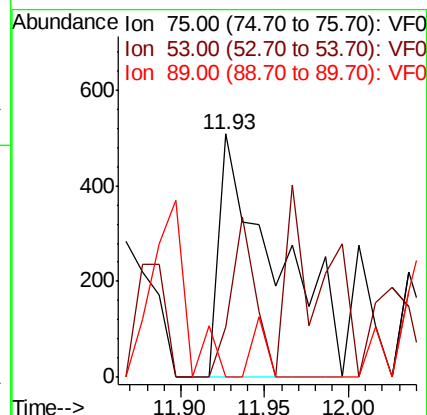
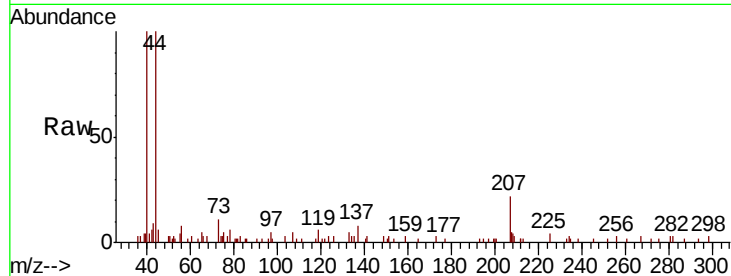
Tot Ion: 75 Resp: 1194

Ion Ratio Lower Upper

75 100

53 20.7 46.9 70.3#

89 0.0 36.4 54.6#



#82

4-Chlorotoluene

Concen: 27.635 ug/l

RT: 12.10 min Scan# 1174

Delta R.T. 0.13 min

Lab File: VF062639.D

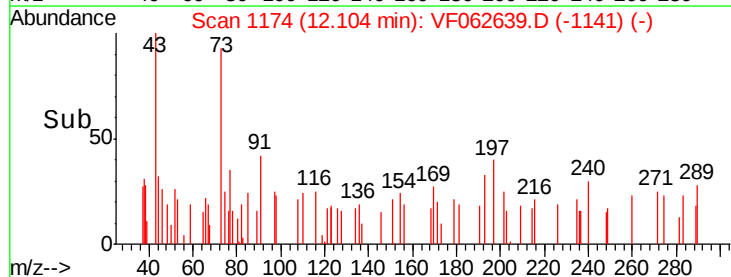
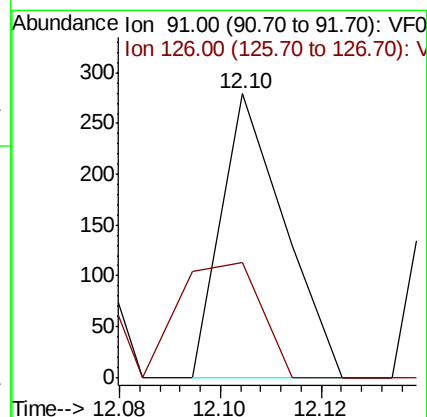
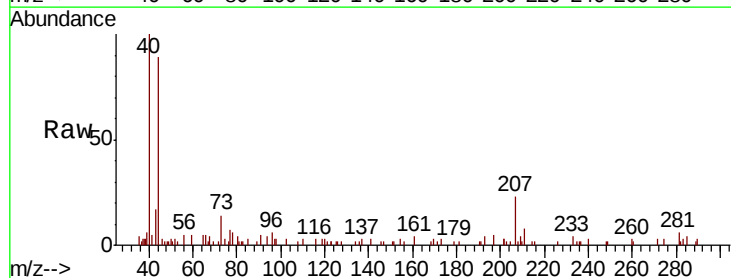
Acq: 17 May 2019 15:34

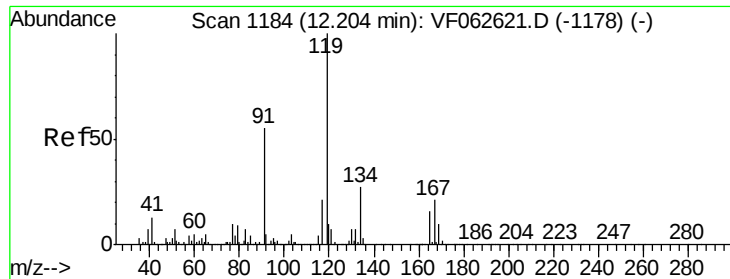
Tgt Ion: 91 Resp: 241

Ion Ratio Lower Upper

91 100

126 40.5 19.1 57.1





#83

tert-Butylbenzene

Concen: 21.323 ug/l

RT: 12.23 min Scan# 1187

Delta R.T. 0.03 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Instrument :

MSVOA_F

ClientSampleId :

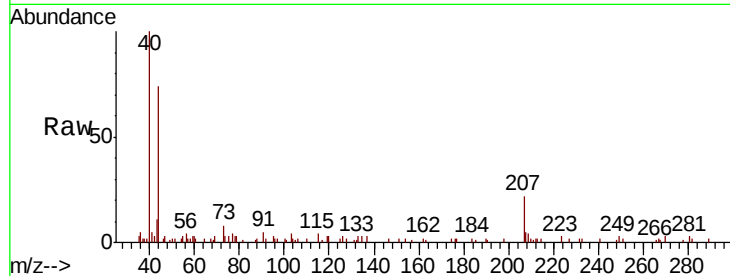
Tot Ion:119 Resp: 230

Ion Ratio Lower Upper

119 100

91 204.5 27.3 81.9#

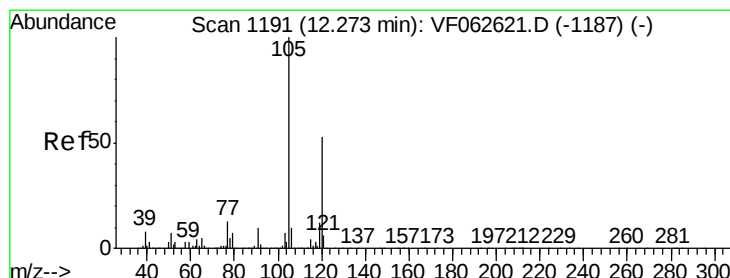
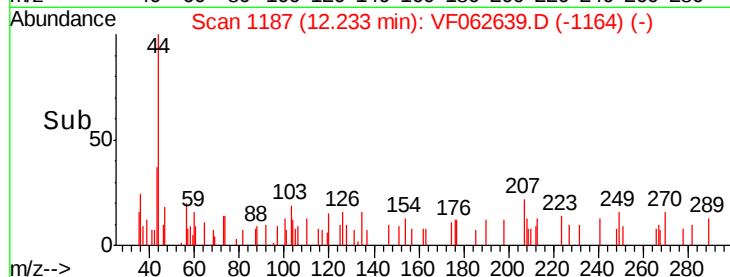
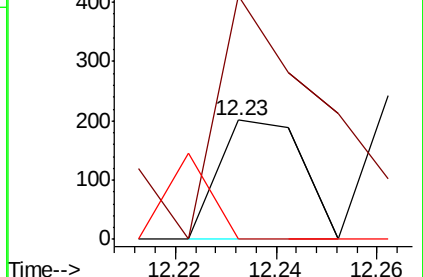
134 0.0 13.6 40.7#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.756 ug/l

RT: 12.14 min Scan# 1178

Delta R.T. -0.13 min

Lab File: VF062639.D

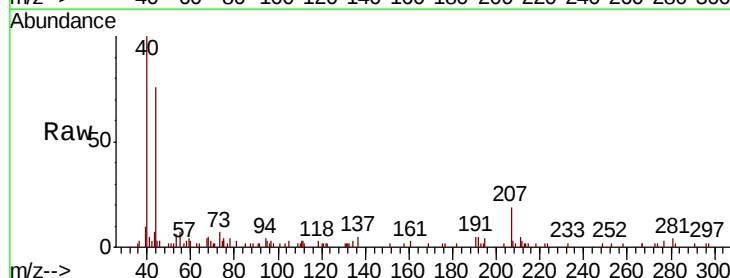
Acq: 17 May 2019 15:34

Tgt Ion:105 Resp: 193

Ion Ratio Lower Upper

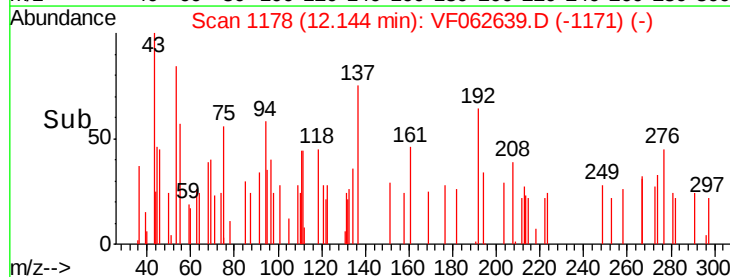
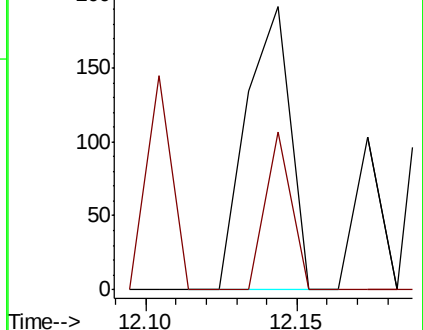
105 100

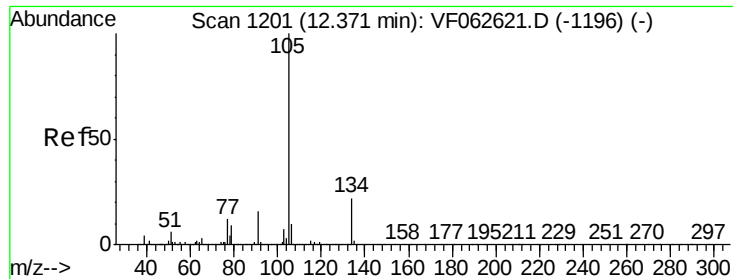
120 55.7 26.7 80.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

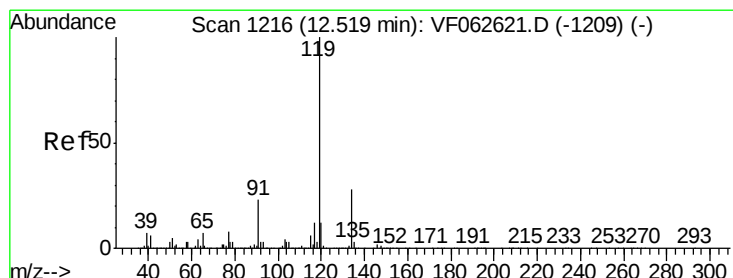
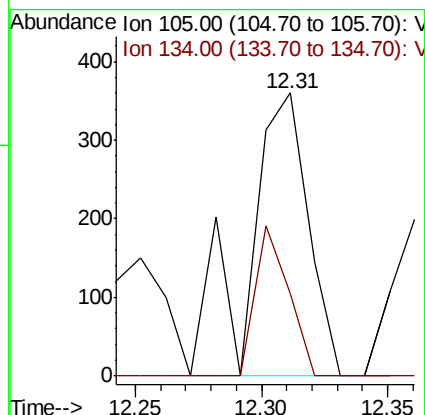
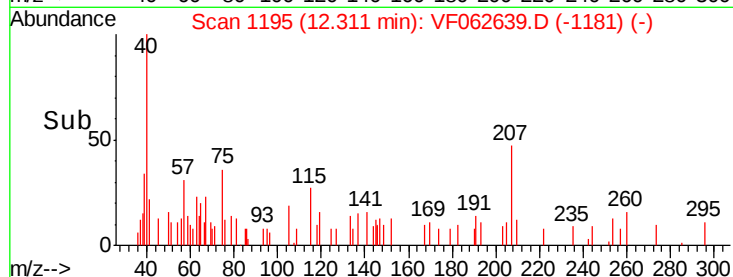
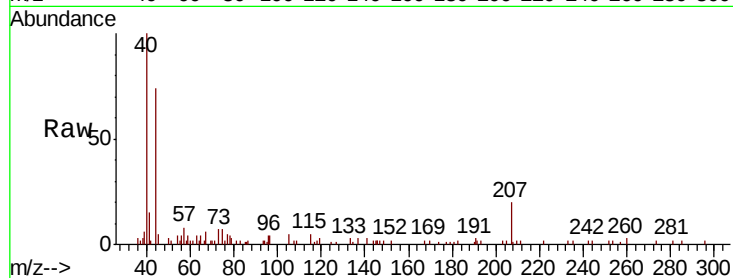




#85
 sec-Butylbenzene
 Concen: 41.656 ug/l
 RT: 12.31 min Scan# 1195
 Delta R.T. -0.06 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

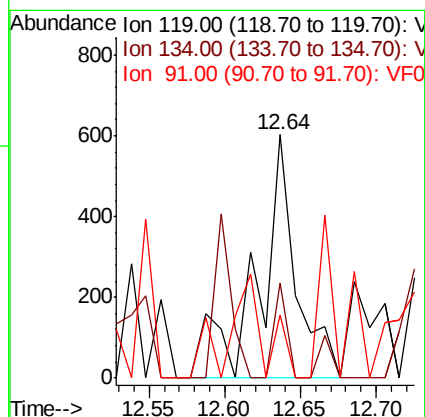
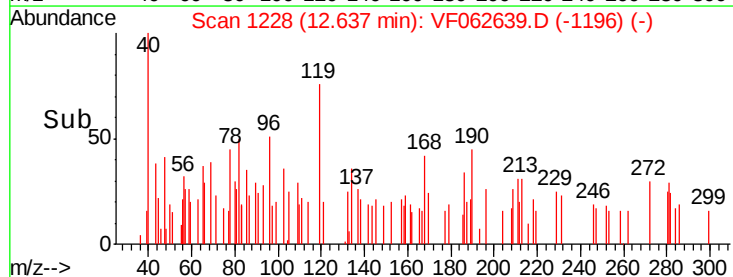
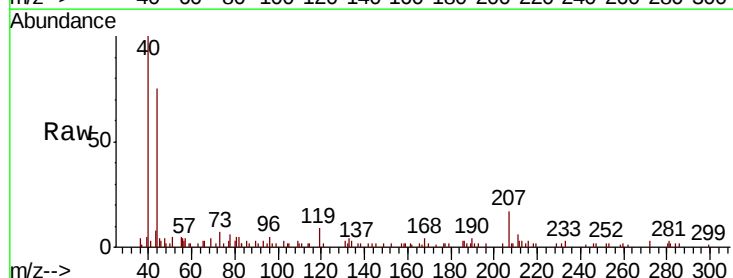
Instrument :
 MSVOA_F
 ClientSampleId :

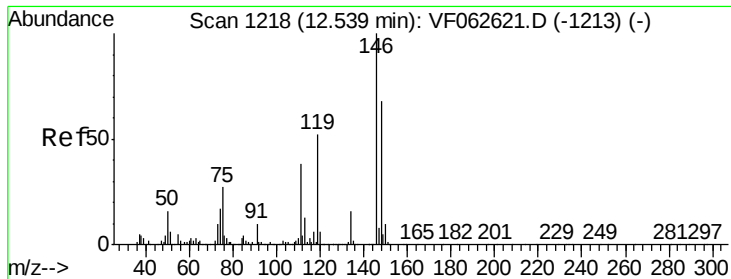
Tot Ion:105 Resp: 603
 Ion Ratio Lower Upper
 105 100
 134 29.2 10.8 32.4



#86
 p-Isopropyltoluene
 Concen: 85.413 ug/l
 RT: 12.64 min Scan# 1228
 Delta R.T. 0.12 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

Tgt Ion:119 Resp: 1042
 Ion Ratio Lower Upper
 119 100
 134 39.1 14.1 42.3
 91 26.0 11.4 34.2

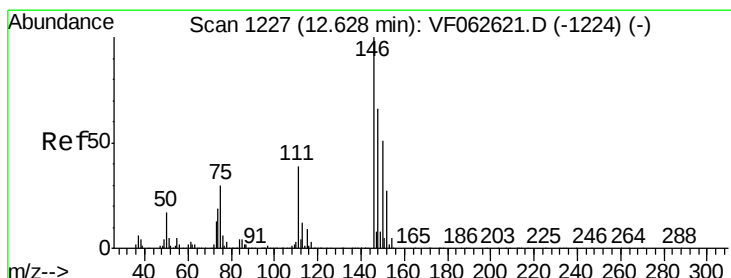
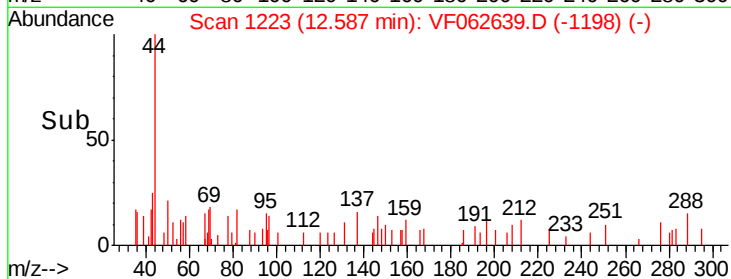
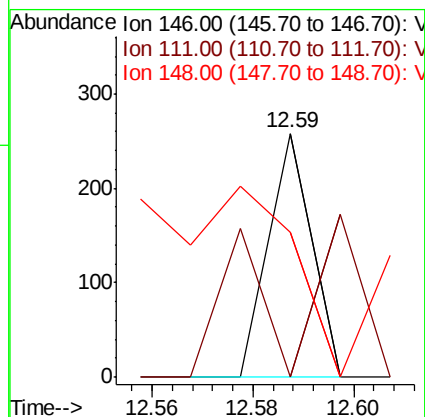
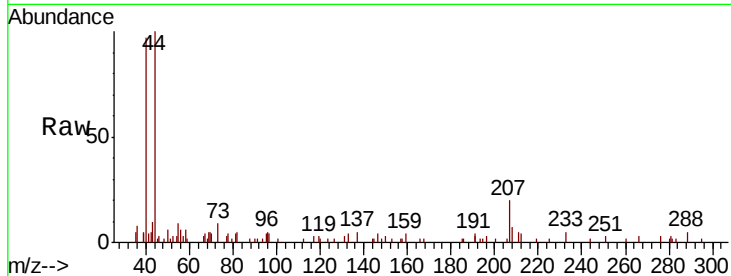




#87
 1,3-Dichlorobenzene
 Concen: 25.659 ug/l
 RT: 12.59 min Scan# 1223
 Delta R.T. 0.05 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

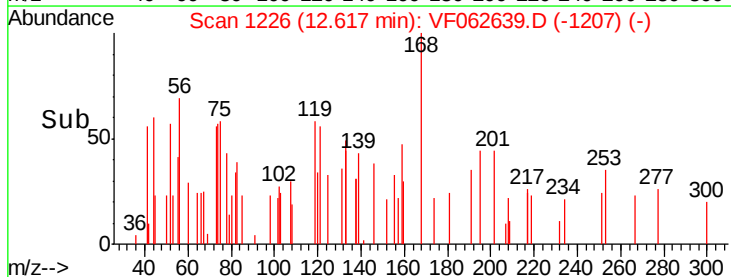
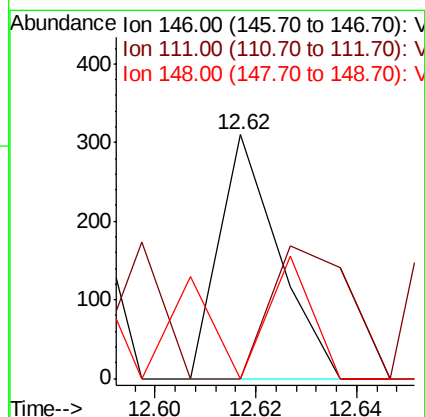
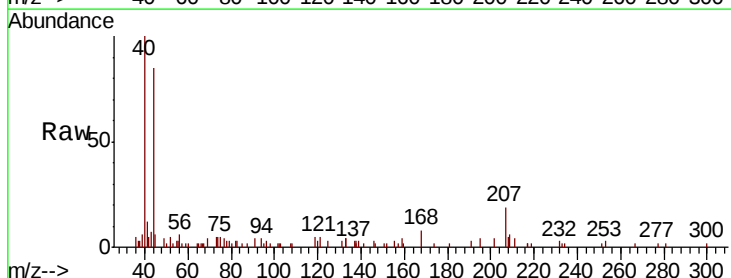
Instrument :
 MSVOA_F
 ClientSampleId :

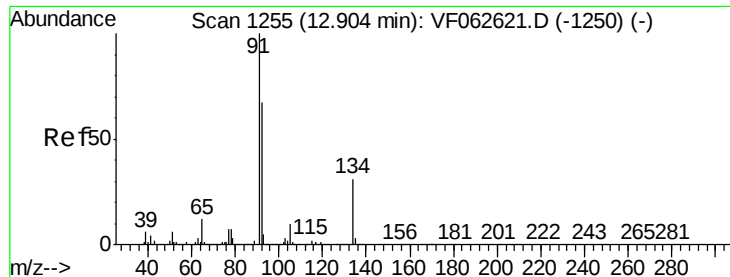
Tot Ion:146 Resp: 153
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.9 56.9#
 148 59.7 34.0 101.8



#88
 1,4-Dichlorobenzene
 Concen: 45.213 ug/l
 RT: 12.62 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

Tgt Ion:146 Resp: 253
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.4 58.2#
 148 0.0 33.2 99.6#





#89

n-Butylbenzene

Concen: 54.372 ug/l

RT: 12.94 min Scan# 1259

Delta R.T. 0.04 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Instrument :

MSVOA_F

ClientSampled :

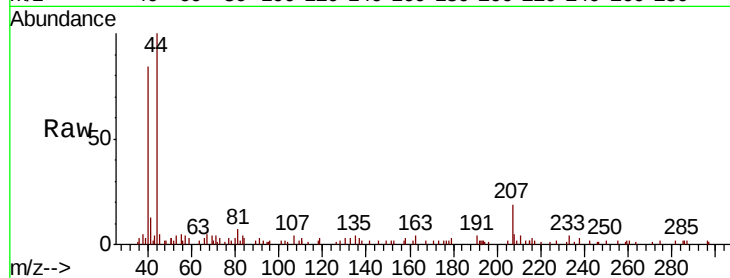
Tot Ion: 91 Resp: 654

Ion Ratio Lower Upper

91 100

92 0.0 33.3 99.8#

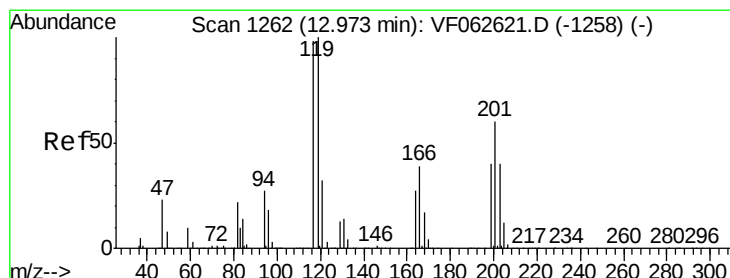
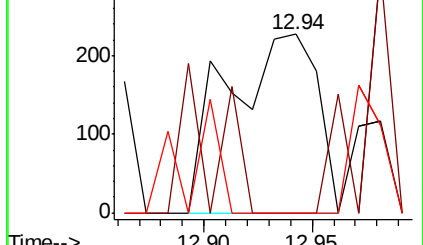
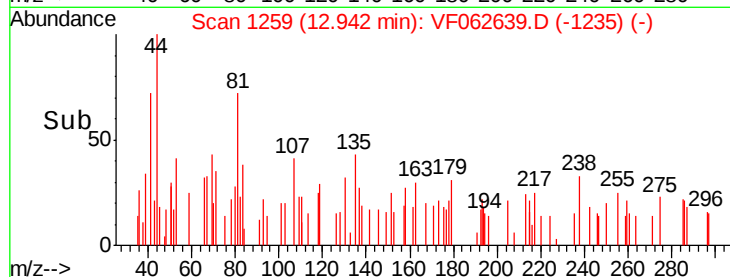
134 0.0 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 56.723 ug/l

RT: 12.96 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VF062639.D

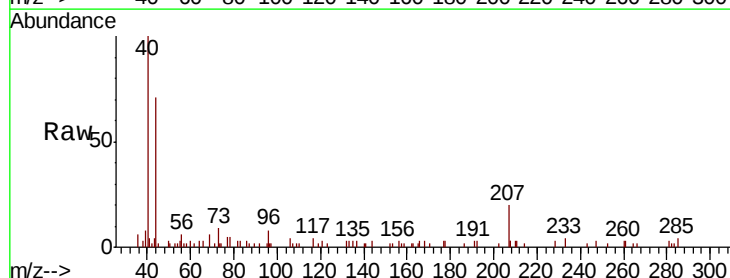
Acq: 17 May 2019 15:34

Tgt Ion: 117 Resp: 166

Ion Ratio Lower Upper

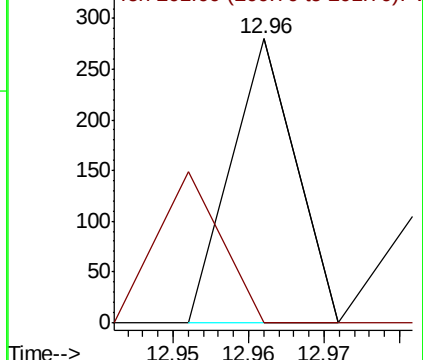
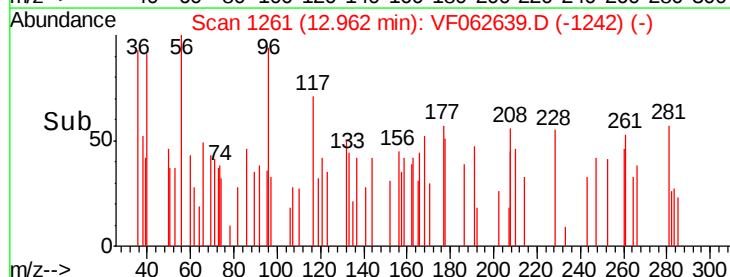
117 100

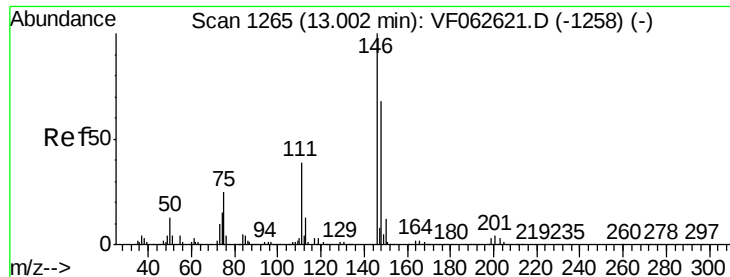
201 0.0 30.7 92.1#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#91

1,2-Dichlorobenzene

Concen: 13.358 ug/l

RT: 13.01 min Scan# 1266

Delta R.T. 0.01 min

Lab File: VF062639.D

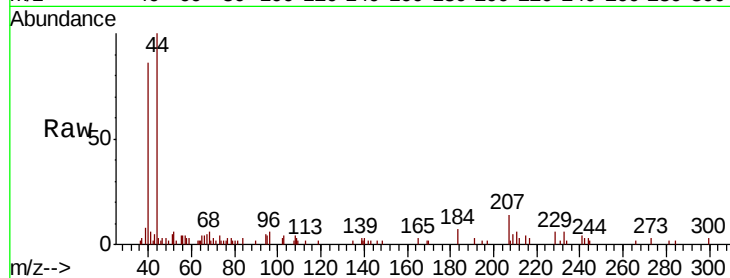
Acq: 17 May 2019 15:34

Instrument :

MSVOA_F

ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.8	59.3#
148	99.2	34.1	102.2

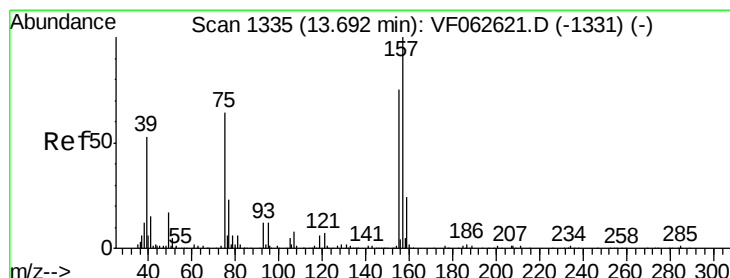
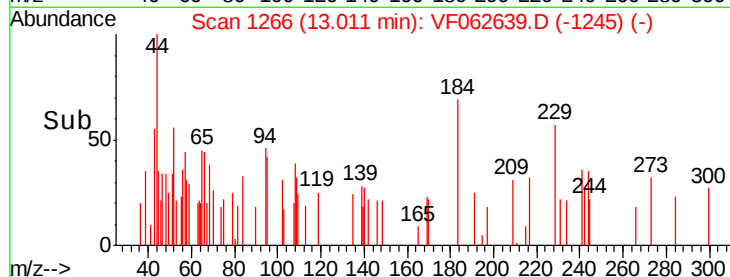
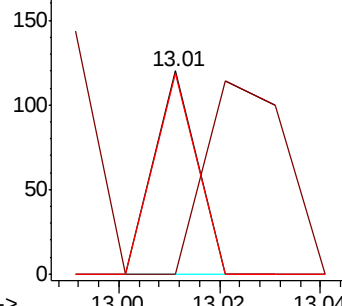


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2038.619 ug/l

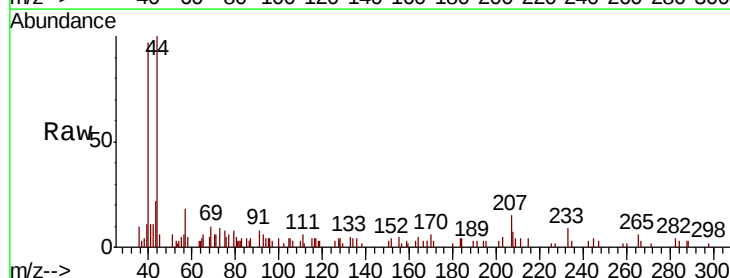
RT: 13.70 min Scan# 1336

Delta R.T. 0.01 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.6	58.1	174.3
157	0.0	77.8	233.4#

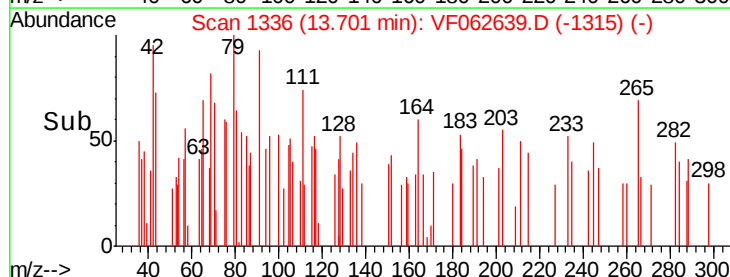
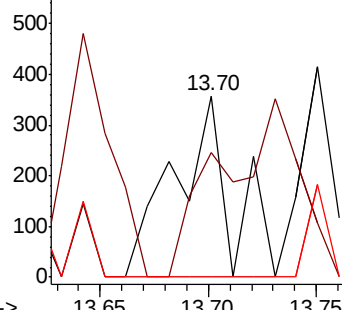


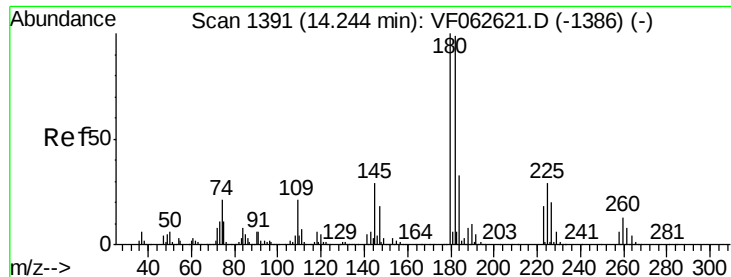
Abundance

Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

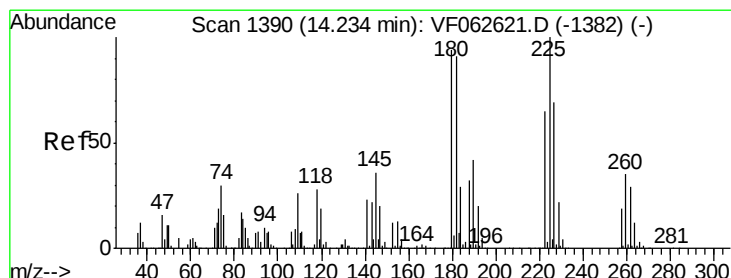
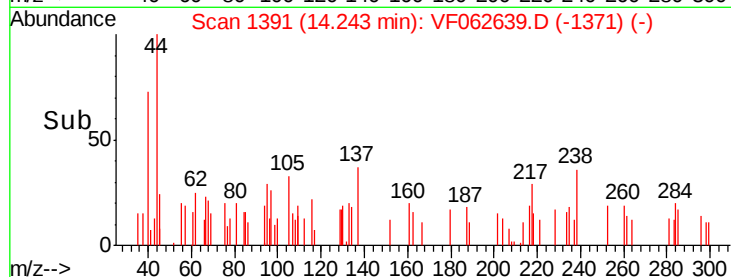
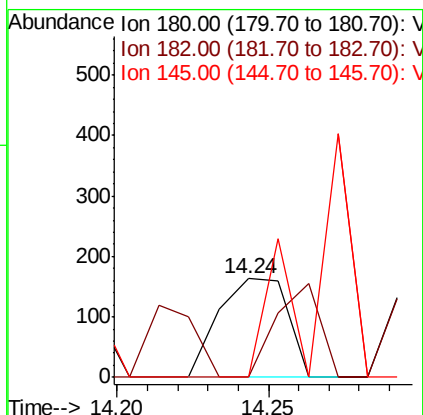
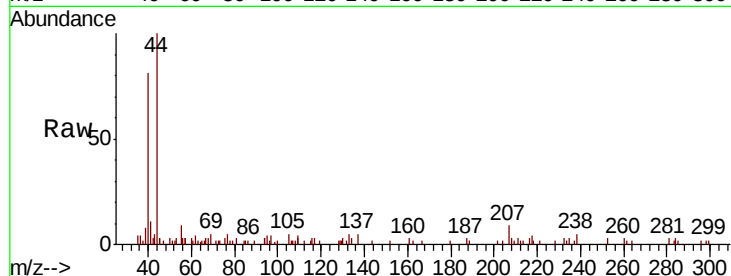




#93
 1,2,4-Trichlorobenzene
 Concen: 67.549 ug/l
 RT: 14.24 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

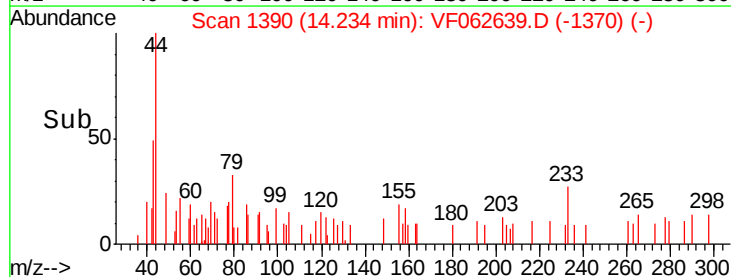
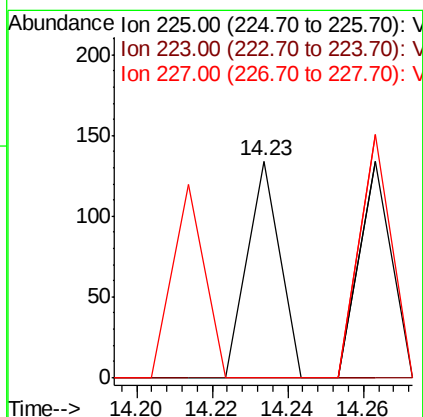
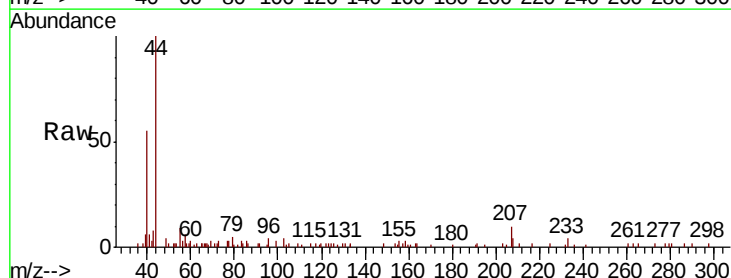
Instrument :
 MSVOA_F
 ClientSampled :

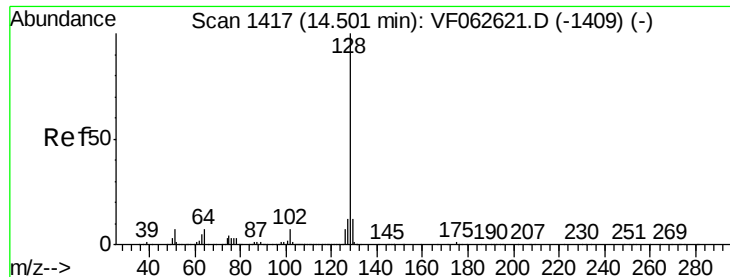
Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	49.7	149.1#
145	0.0	14.6	44.0#



#94
 Hexachlorobutadiene
 Concen: 29.754 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VF062639.D
 Acq: 17 May 2019 15:34

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





#95

Naphthalene

Concen: 73.062 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

Instrument :

MSVOA_F

ClientSampled :

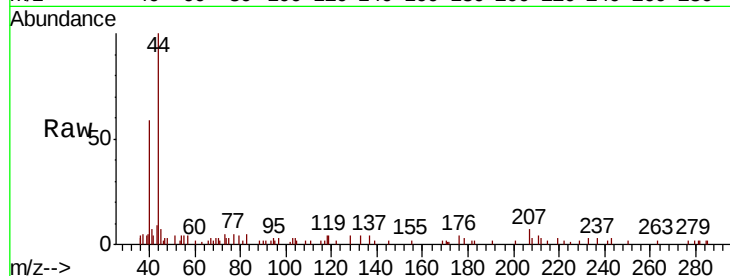
Tot Ion:128 Resp: 505

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

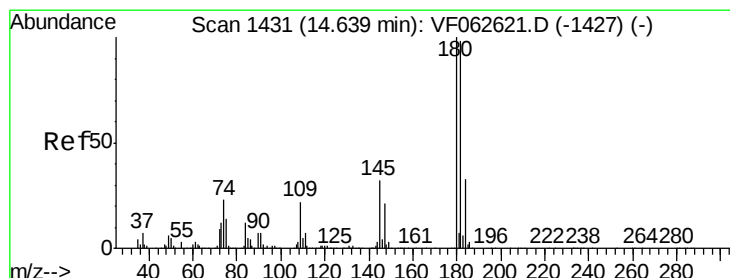
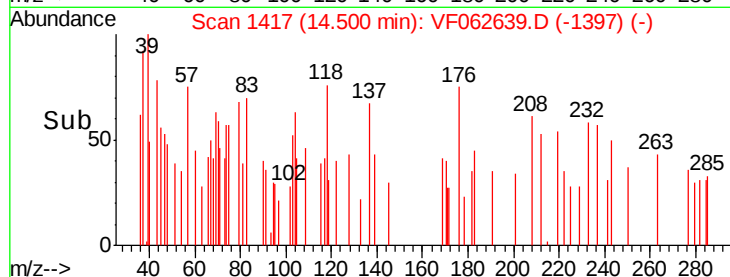
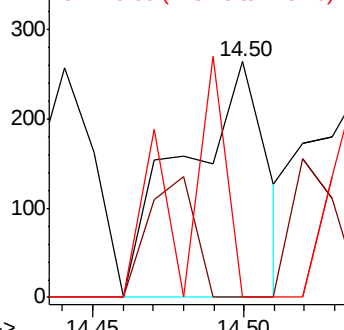
129 0.0 9.3 13.9#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 91.293 ug/l

RT: 14.64 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VF062639.D

Acq: 17 May 2019 15:34

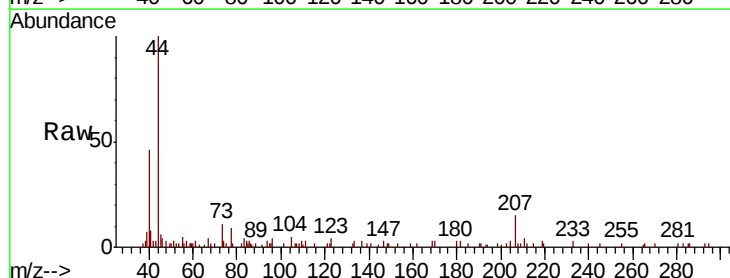
Tgt Ion:180 Resp: 329

Ion Ratio Lower Upper

180 100

182 101.4 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

