

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052919\
 Data File : VF062784.D
 Acq On : 29 May 2019 16:18
 Operator : FY/SY
 Sample : K3075-03RE
 Misc : 6.16g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-2RE

Quant Time: May 30 08:41:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	186	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	342	50.00	ug/l	-0.19
63) Chlorobenzene-d5	9.57	117	258	50.00	ug/l	-0.34
72) 1,4-Dichlorobenzene-d4	12.59	152	64	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	534	406.28	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	812.56%	
35) Dibromofluoromethane	4.21	113	61	23.31	ug/l	-0.11
Spiked Amount				50.000		
			Recovery	=	46.62%	
50) Toluene-d8	7.48	98	77	12.32	ug/l	-0.24
Spiked Amount				50.000		
			Recovery	=	24.64%	
62) 4-Bromofluorobenzene	11.13	95	312	131.66	ug/l	-0.37
Spiked Amount				50.000		
			Recovery	=	263.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.99	85	275	108.645	ug/l #	41
3) Chloromethane	1.12	50	504	216.247	ug/l	97
4) Vinyl Chloride	1.22	62	332	154.753	ug/l #	13
5) Bromomethane	1.26	94	527	449.027	ug/l	93
6) Chloroethane	1.46	64	461	585.087	ug/l #	45
7) Trichlorofluoromethane	1.50	101	186	64.570	ug/l	94
8) Diethyl Ether	1.74	74	92	161.215	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	1.89	101	83	45.250	ug/l #	19
10) Methyl Iodide	1.96	142	185	51.343	ug/l #	1
11) Tert butyl alcohol	2.67	59	391	4505.872	ug/l #	1
12) 1,1-Dichloroethene	1.85	96	331	198.098	ug/l #	1
13) Acrolein	2.20	56	671	7407.700	ug/l	89
14) Allyl chloride	2.19	41	1981	1309.971	ug/l #	78
15) Acrylonitrile	3.10	53	339	1384.923	ug/l #	1
16) Acetone	2.32	43	691	2026.457	ug/l	90
17) Carbon Disulfide	1.94	76	468	94.499	ug/l #	28
18) Methyl Acetate	2.44	43	987	1841.960	ug/l #	85
19) Methyl tert-butyl Ether	2.52	73	1219	408.106	ug/l #	1
20) Methylene Chloride	2.33	84	63	36.860	ug/l #	1
21) trans-1,2-Dichloroethene	2.39	96	464	284.112	ug/l #	7
22) Diisopropyl ether	2.92	45	231	61.934	ug/l #	1
23) Vinyl Acetate	3.33	43	1139	452.701	ug/l #	41
24) 1,1-Dichloroethane	2.99	63	254	92.831	ug/l #	86
25) 2-Butanone	4.37	43	620	851.038	ug/l	90
26) 2,2-Dichloropropane	3.79	77	1061	677.724	ug/l	97
27) cis-1,2-Dichloroethene	3.63	96	436	162.299	ug/l	20
28) Bromochloromethane	4.04	49	304	198.101	ug/l	88
29) Tetrahydrofuran	4.26	42	725	2459.231	ug/l #	41
30) Chloroform	4.03	83	917	241.385	ug/l #	74
31) Cyclohexane	3.85	56	350	95.268	ug/l #	15
32) 1,1,1-Trichloroethane	4.30	97	199	78.876	ug/l #	23
36) 1,1-Dichloropropene	4.26	75	403	114.997	ug/l	84
37) Ethyl Acetate	4.17	43	459	320.784	ug/l #	1
38) Carbon Tetrachloride	4.07	117	169	64.122	ug/l #	1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.43	83	108	25.612	ug/l #	63
40) Benzene	4.69	78	549	57.505	ug/l #	89
41) Methacrylonitrile	4.74	41	1988	2650.082	ug/l #	56
42) 1,2-Dichloroethane	5.01	62	362	190.142	ug/l #	71
43) Isopropyl Acetate	6.91	43	1437	775.187	ug/l #	43
44) Trichloroethene	5.49	130	225	83.854	ug/l #	1
45) 1,2-Dichloropropane	6.17	63	134	55.601	ug/l #	1
46) Dibromomethane	6.07	93	368	264.213	ug/l #	3
47) Bromodichloromethane	6.36	83	201	69.514	ug/l #	11
48) Methyl methacrylate	6.67	41	388	400.445	ug/l #	29
49) 1,4-Dioxane	6.66	88	183	14746.322	ug/l #	25
51) 4-Methyl-2-Pentanone	8.13	43	1605	1266.665	ug/l #	32
52) Toluene	7.60	92	196	39.146	ug/l #	89
53) t-1,3-Dichloropropene	8.13	75	504	213.055	ug/l #	1
54) cis-1,3-Dichloropropene	7.25	75	315	95.125	ug/l #	37
55) 1,1,2-Trichloroethane	8.45	97	149	100.507	ug/l #	90
56) Ethyl methacrylate	8.54	69	164	92.855	ug/l #	1
57) 1,3-Dichloropropane	8.70	76	580	229.693	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.24	63	483	840.153	ug/l #	51
59) 2-Hexanone	9.30	43	1257	1622.626	ug/l #	77
60) Dibromochloromethane	8.63	129	208	107.652	ug/l #	12
61) 1,2-Dibromoethane	8.82	107	105	66.683	ug/l #	3
64) Tetrachloroethene	8.32	164	59	28.866	ug/l #	6
65) Chlorobenzene	9.95	112	157	30.983	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	10.05	131	68	33.427	ug/l #	79
67) Ethyl Benzene	10.05	91	69	7.838	ug/l #	42
68) m/p-Xylenes	10.22	106	98	29.620	ug/l #	50
69) o-Xylene	10.93	106	167	49.004	ug/l #	48
70) Styrene	10.81	104	234	45.176	ug/l #	99
71) Bromoform	10.92	173	118	115.818	ug/l #	27
73) Isopropylbenzene	11.24	105	88	19.185	ug/l #	45
74) N-amyl acetate	11.47	43	1162	1110.041	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	11.79	83	403	429.907	ug/l #	23
76) 1,2,3-Trichloropropane	11.88	75	132	214.307	ug/l #	1
77) Bromobenzene	11.49	156	161	141.206	ug/l #	1
78) n-propylbenzene	11.69	91	253	46.605	ug/l #	50
79) 2-Chlorotoluene	11.79	91	245	80.083	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.90	105	331	89.993	ug/l #	66
81) trans-1,4-Dichloro-2-buten	11.95	75	601	2195.120	ug/l #	31
82) 4-Chlorotoluene	11.97	91	305	101.097	ug/l #	75
83) tert-Butylbenzene	12.19	119	166	44.485	ug/l #	36
84) 1,2,4-Trimethylbenzene	12.25	105	184	51.687	ug/l #	25
85) sec-Butylbenzene	12.34	105	206	41.135	ug/l #	1
86) p-Isopropyltoluene	12.46	119	236	55.919	ug/l #	51
87) 1,3-Dichlorobenzene	12.55	146	68	32.965	ug/l #	1
88) 1,4-Dichlorobenzene	12.62	146	72	37.194	ug/l #	24
89) n-Butylbenzene	12.91	91	79	18.985	ug/l #	25
90) Hexachloroethane	13.00	117	76	75.068	ug/l #	20
91) 1,2-Dichlorobenzene	12.96	146	198	107.680	ug/l #	46
92) 1,2-Dibromo-3-Chloropropan	13.69	75	90	804.794	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration

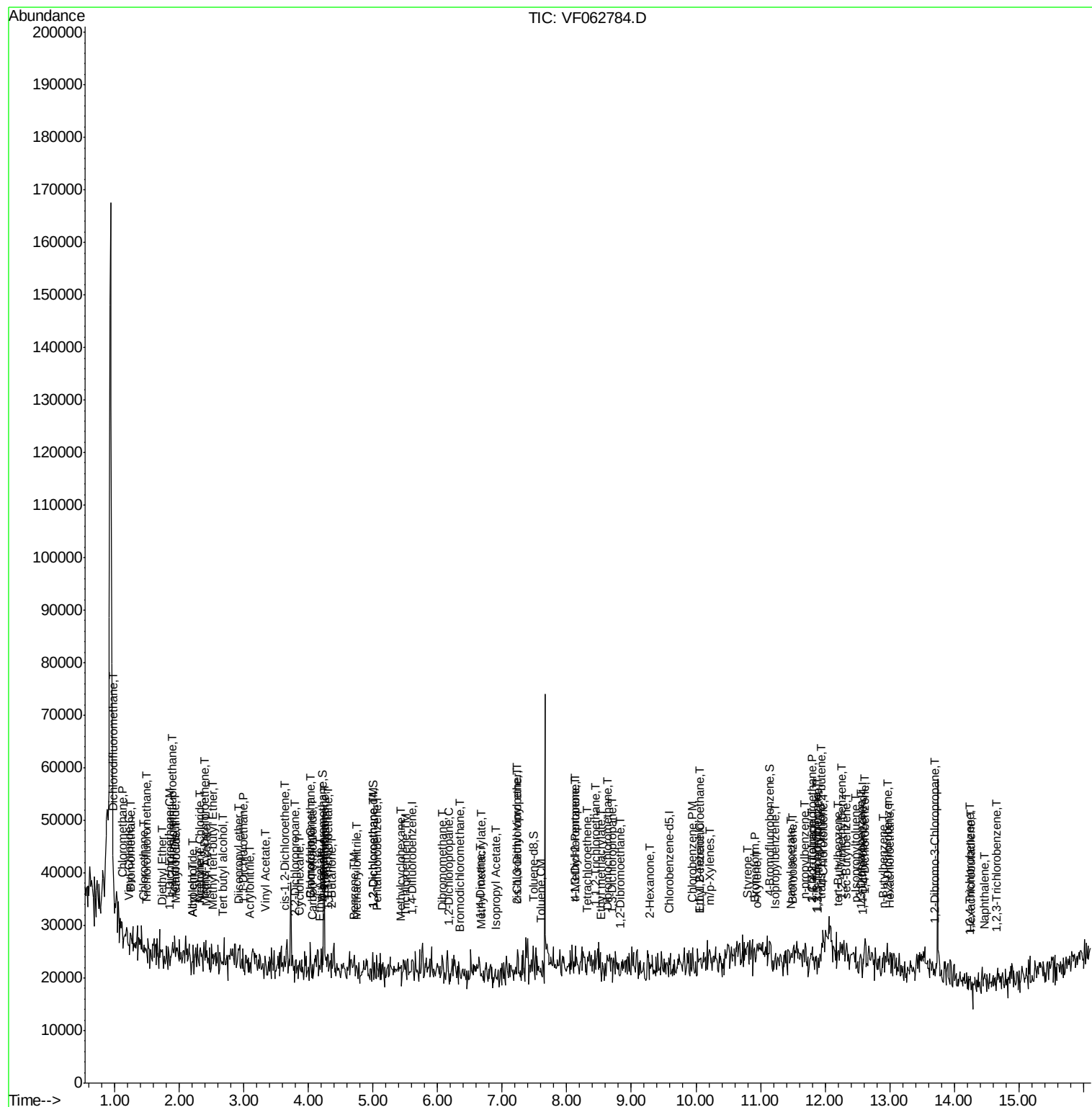
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.23	180	161	122.322	ug/l #	11
94) Hexachlorobutadiene	14.25	225	65	70.765	ug/l #	16
95) Naphthalene	14.47	128	228	95.352	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.65	180	63	50.533	ug/l #	1

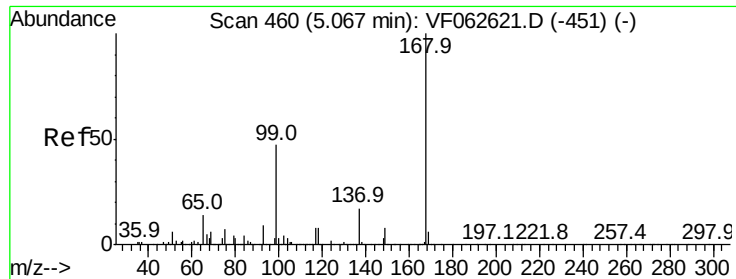
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

Tot Ion:168 Resp: 186

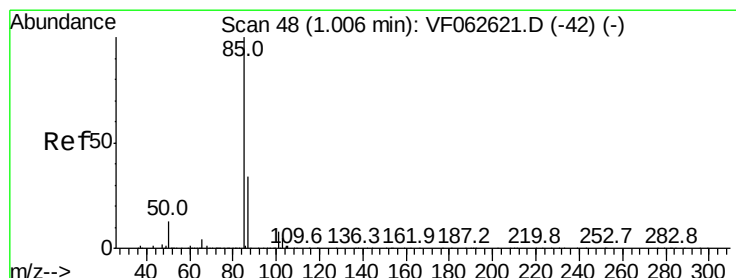
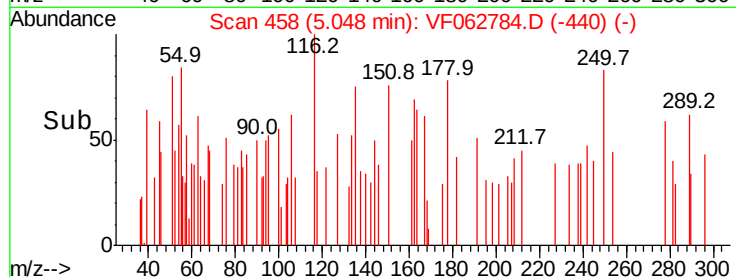
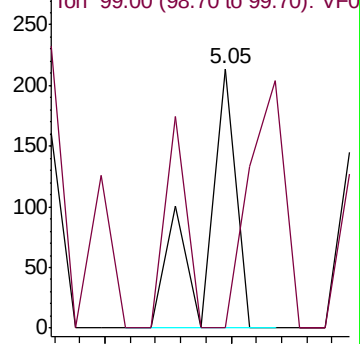
Ion Ratio Lower Upper

168 100

99 0.0 37.8 56.8#



Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 108.645 ug/l

RT: 0.99 min Scan# 46

Delta R.T. -0.02 min

Lab File: VF062784.D

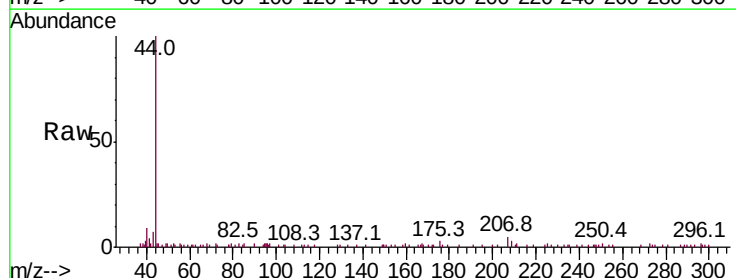
Acq: 29 May 2019 16:18

Tgt Ion: 85 Resp: 275

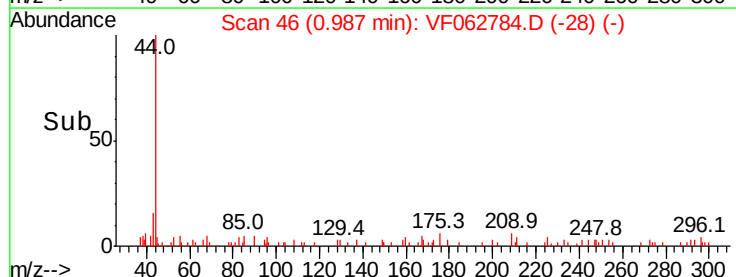
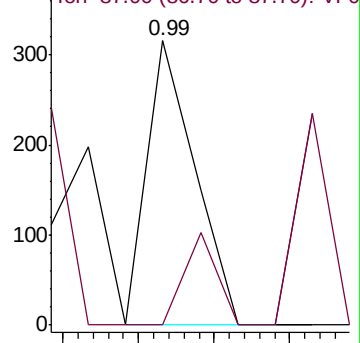
Ion Ratio Lower Upper

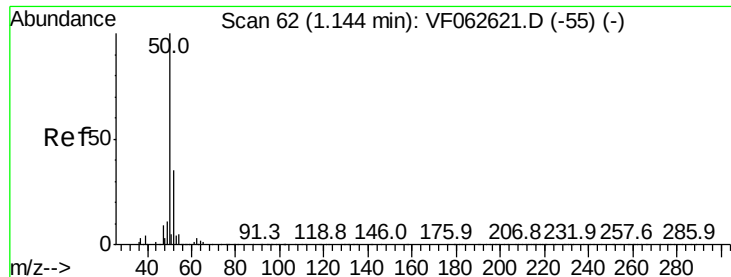
85 100

87 0.0 16.8 50.3#



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 216.247 ug/l

RT: 1.12 min Scan# 60

Delta R.T. -0.02 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

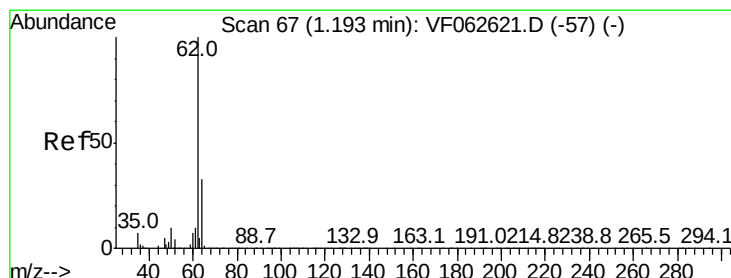
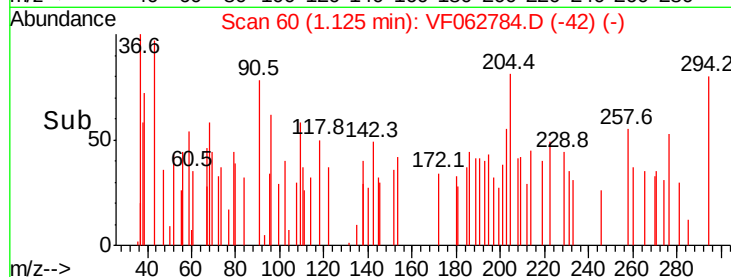
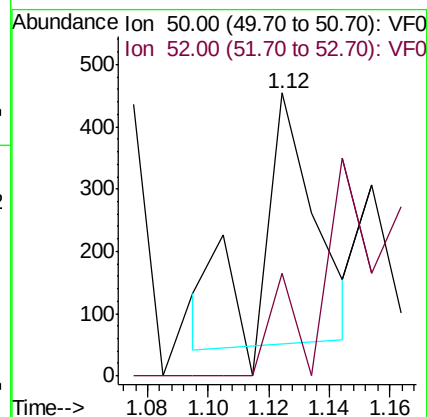
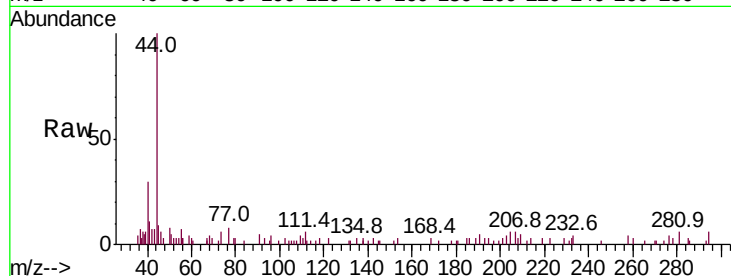
TEST-PIT-2RE

Tot Ion: 50 Resp: 504

Ion Ratio Lower Upper

50 100

52 36.3 27.5 41.3



#4

Vinyl Chloride

Concen: 154.753 ug/l

RT: 1.22 min Scan# 70

Delta R.T. 0.03 min

Lab File: VF062784.D

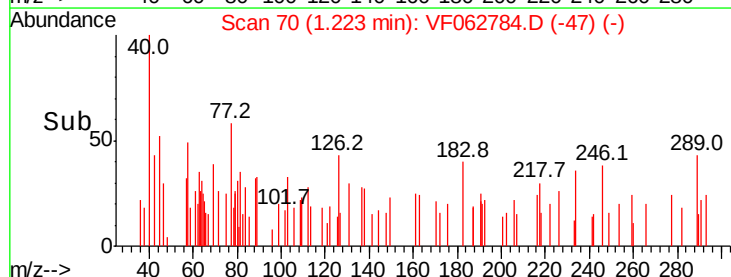
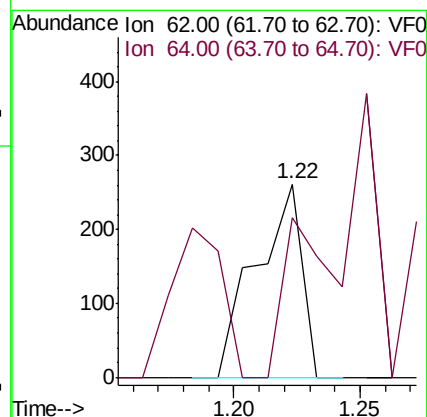
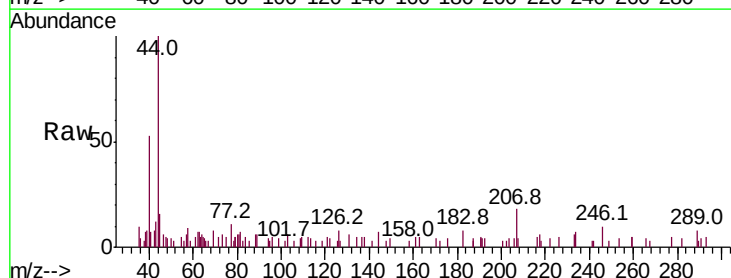
Acq: 29 May 2019 16:18

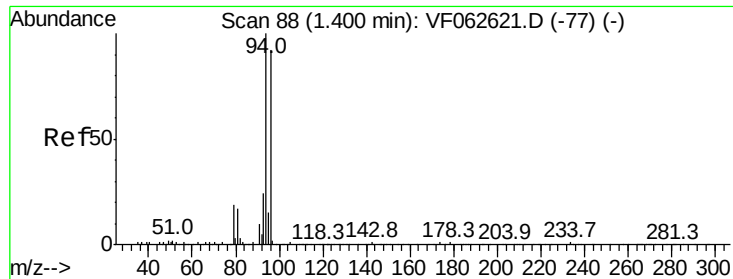
Tgt Ion: 62 Resp: 332

Ion Ratio Lower Upper

62 100

64 82.8 26.7 40.1#





#5

Bromomethane

Concen: 449.027 ug/l

RT: 1.26 min Scan# 74

Delta R.T. -0.14 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

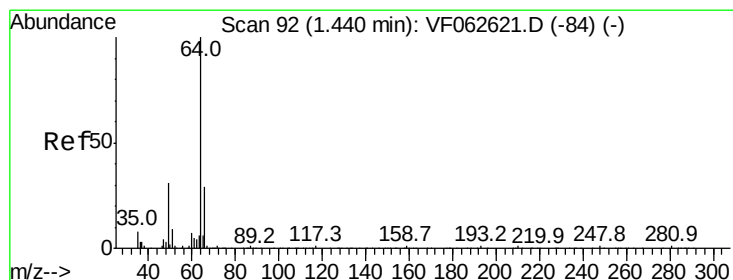
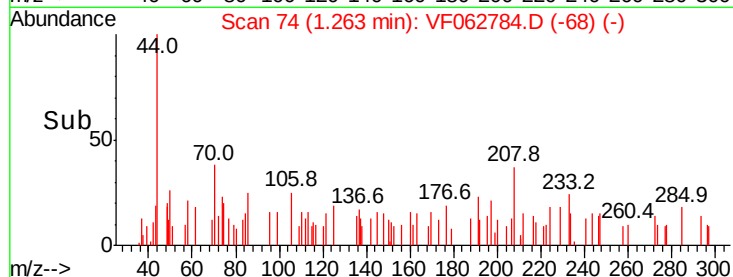
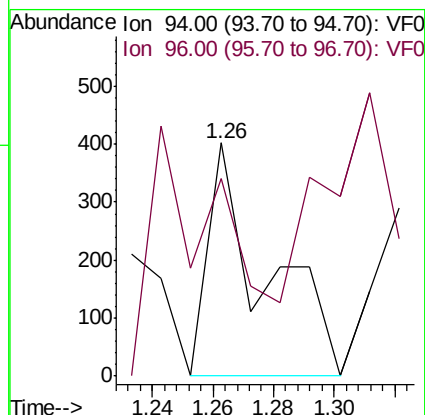
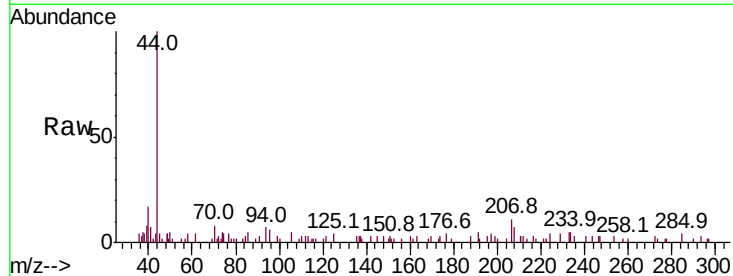
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-2RE

Tot Ion: 94 Resp: 527

Ion Ratio Lower Upper

94 100

96 84.8 73.2 109.8



#6

Chloroethane

Concen: 585.087 ug/l

RT: 1.46 min Scan# 94

Delta R.T. 0.02 min

Lab File: VF062784.D

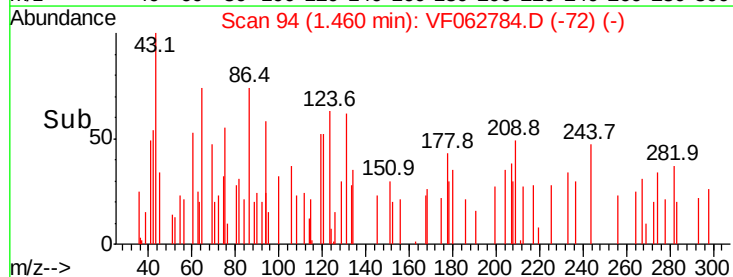
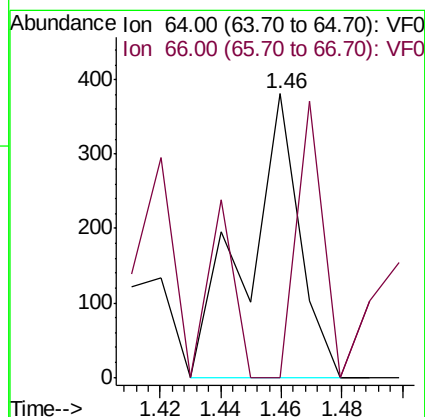
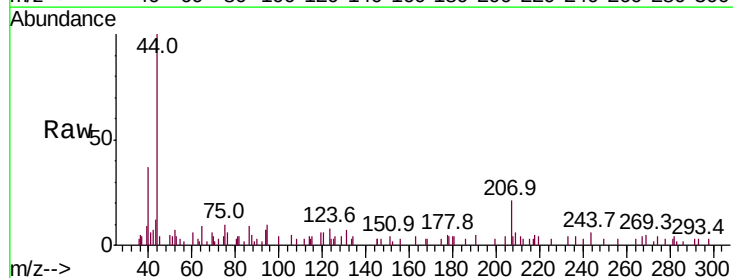
Acq: 29 May 2019 16:18

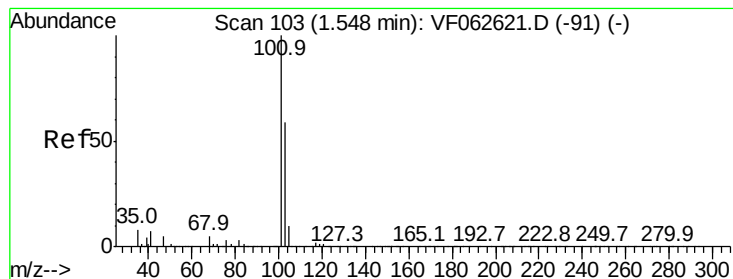
Tgt Ion: 64 Resp: 461

Ion Ratio Lower Upper

64 100

66 0.0 23.4 35.2#



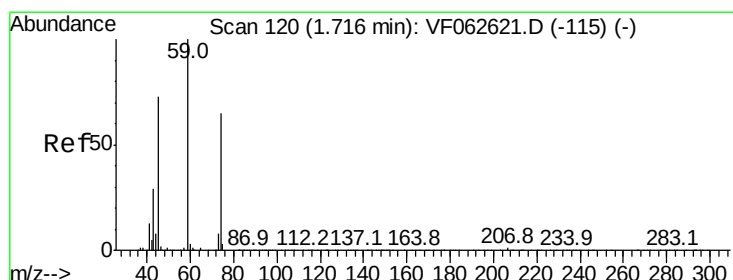
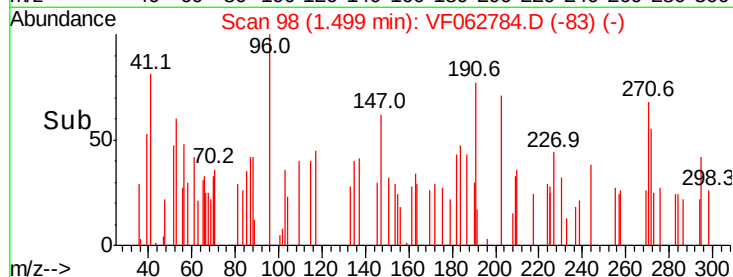
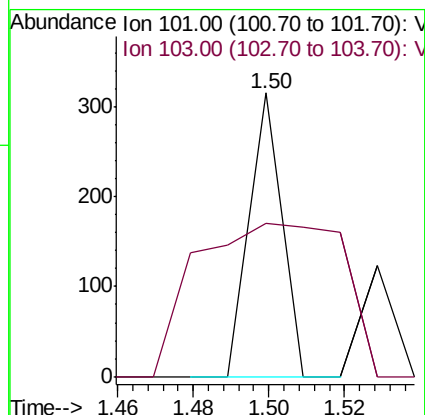
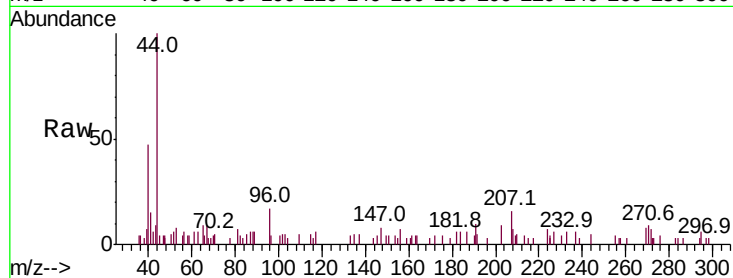


#7

Trichlorofluoromethane
Concen: 64.570 ug/l
RT: 1.50 min Scan# 98
Delta R.T. -0.05 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Instrument :
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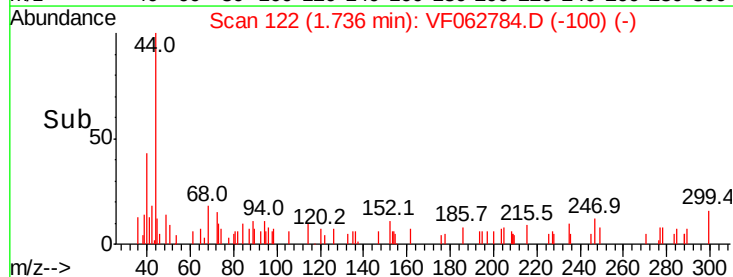
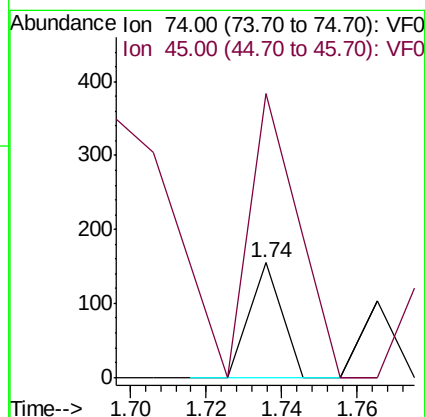
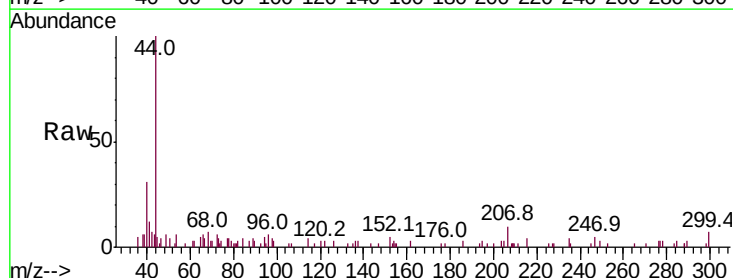
Tot Ion:101 Resp: 186
Ion Ratio Lower Upper
101 100
103 54.3 47.3 70.9

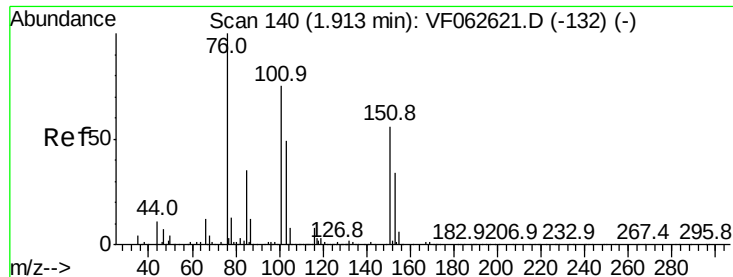


#8

Diethyl Ether
Concen: 161.215 ug/l
RT: 1.74 min Scan# 122
Delta R.T. 0.02 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Tgt Ion: 74 Resp: 92
Ion Ratio Lower Upper
74 100
45 247.1 57.0 170.8#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.250 ug/l

RT: 1.89 min Scan# 138

Delta R.T. -0.02 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

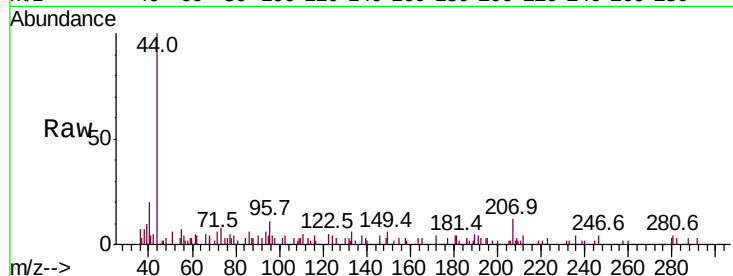
Tot Ion:101 Resp: 83

Ion Ratio Lower Upper

101 100

85 0.0 37.1 55.7#

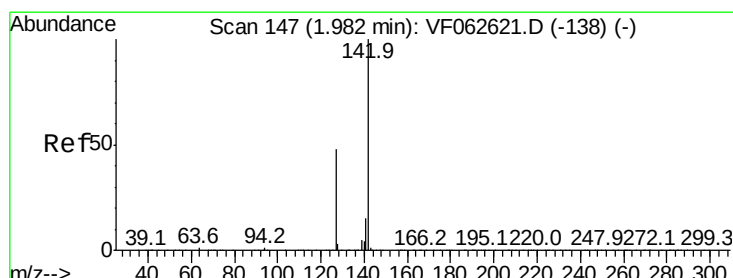
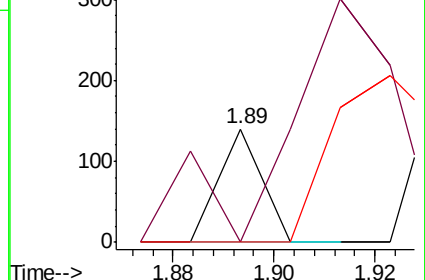
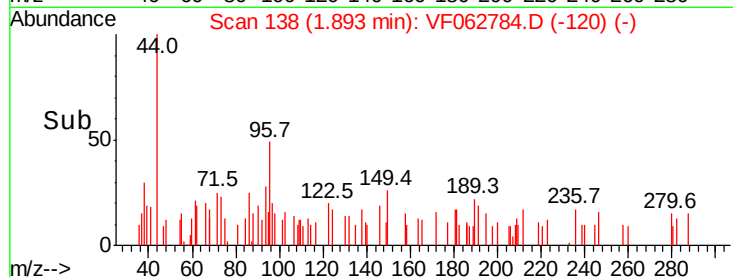
151 0.0 58.8 88.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 51.343 ug/l

RT: 1.96 min Scan# 145

Delta R.T. -0.02 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

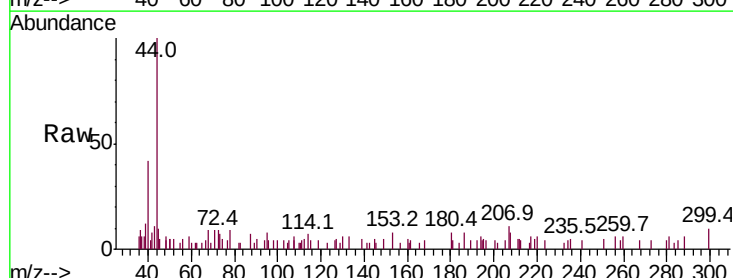
Tgt Ion:142 Resp: 185

Ion Ratio Lower Upper

142 100

127 182.1 38.1 57.1#

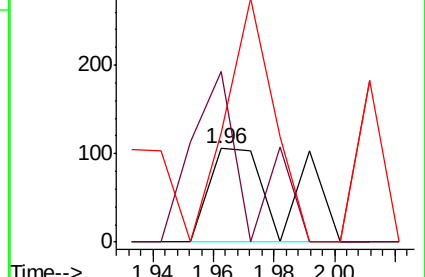
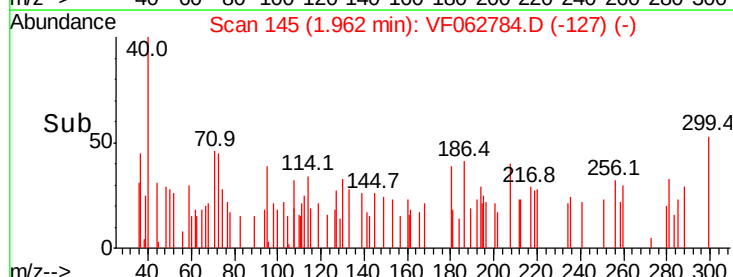
141 116.0 11.7 17.5#

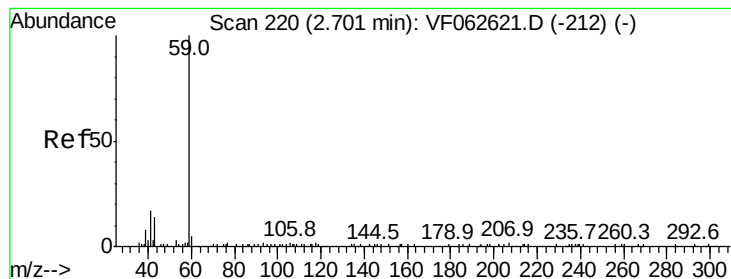


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



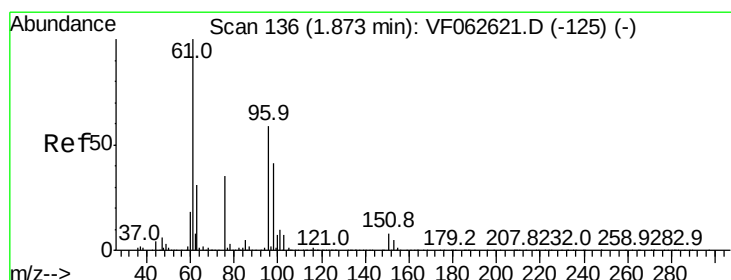
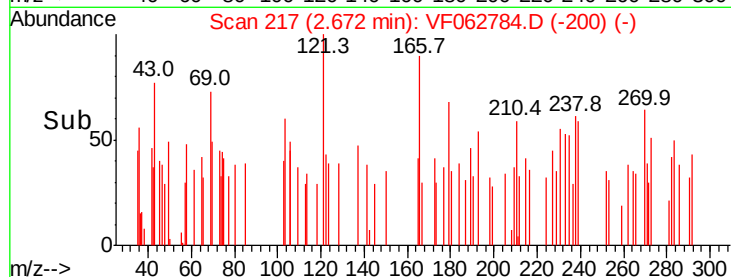
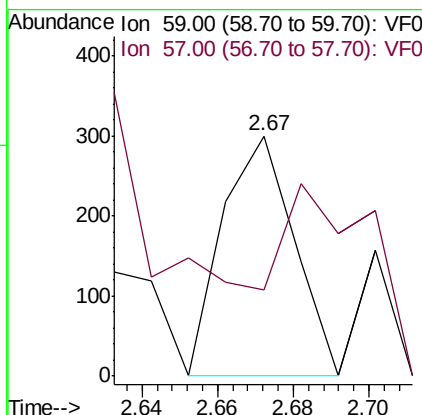
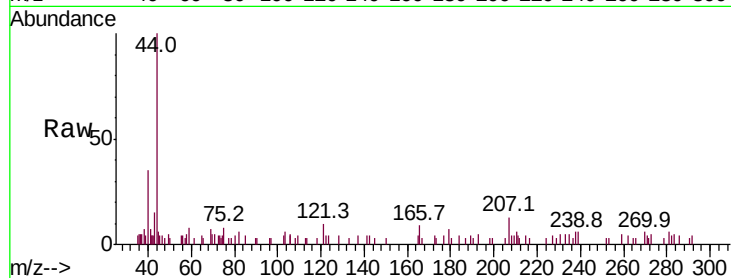


#11

Tert butyl alcohol
Concen: 4505.872 ug/l
RT: 2.67 min Scan# 217
Delta R.T. -0.03 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-2RE

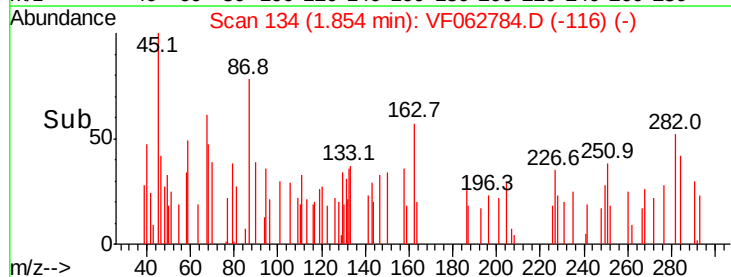
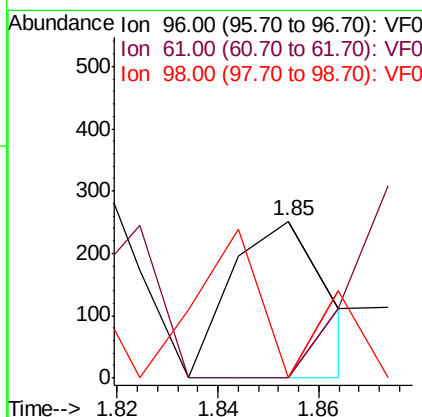
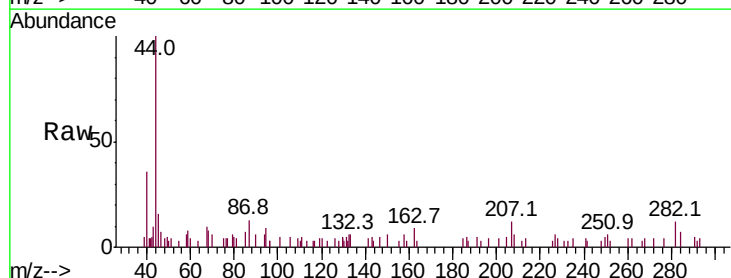
Tot Ion: 59 Resp: 391
Ion Ratio Lower Upper
59 100
57 93.0 9.3 13.9#

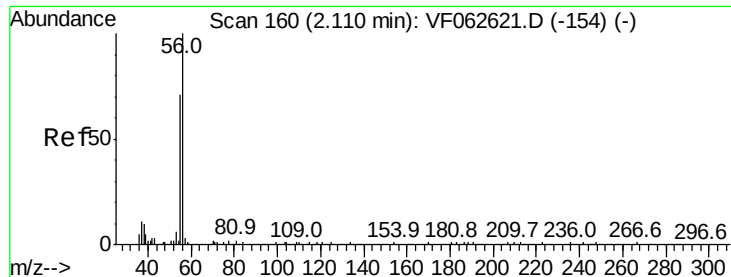


#12

1,1-Dichloroethene
Concen: 198.098 ug/l
RT: 1.85 min Scan# 134
Delta R.T. -0.02 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Tgt Ion: 96 Resp: 331
Ion Ratio Lower Upper
96 100
61 0.0 134.3 201.5#
98 0.0 55.0 82.6#





#13

Acrolein

Concen: 7407.700 ug/l

RT: 2.20 min Scan# 169

Delta R.T. 0.09 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

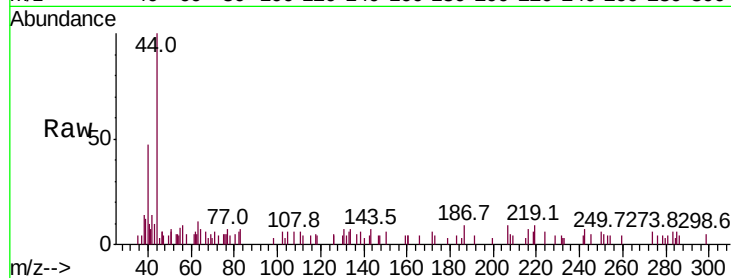
TEST-PIT-2RE

Tot Ion: 56 Resp: 671

Ion Ratio Lower Upper

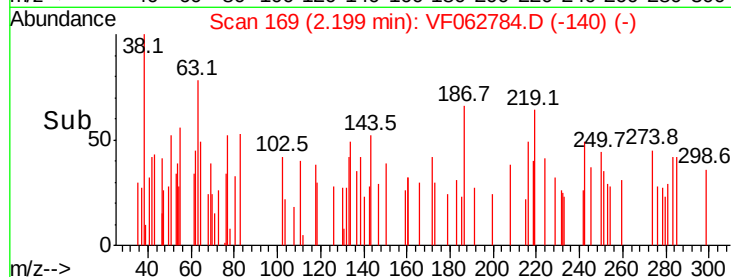
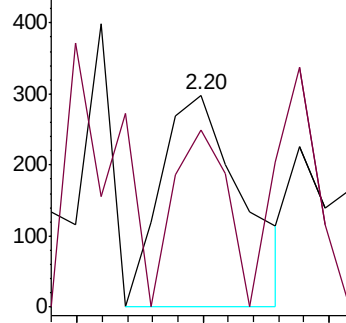
56 100

55 83.9 59.4 89.0



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 1309.971 ug/l

RT: 2.19 min Scan# 168

Delta R.T. -0.01 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

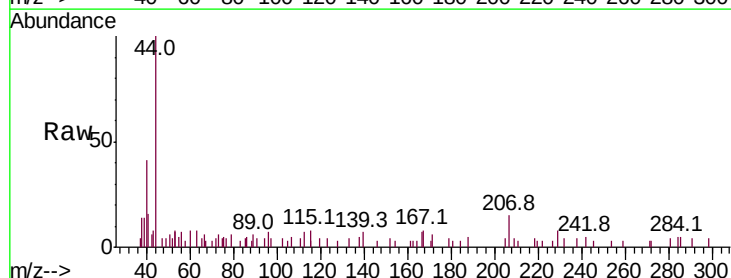
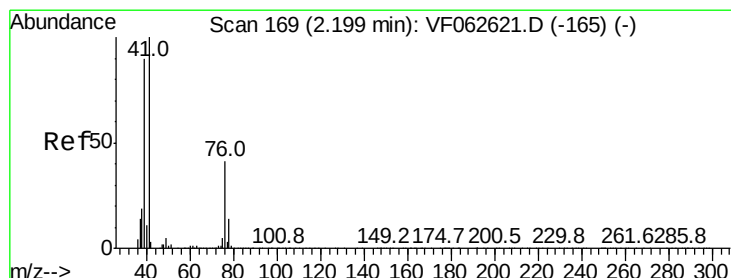
Tgt Ion: 41 Resp: 1981

Ion Ratio Lower Upper

41 100

39 90.2 72.0 108.0

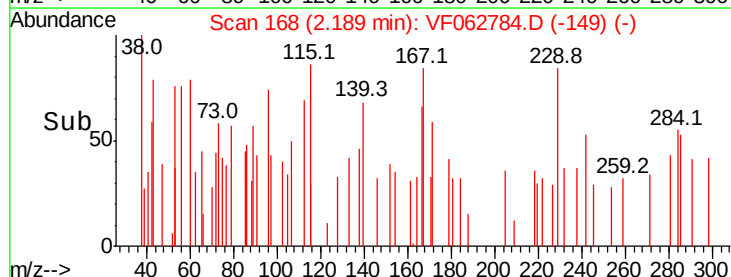
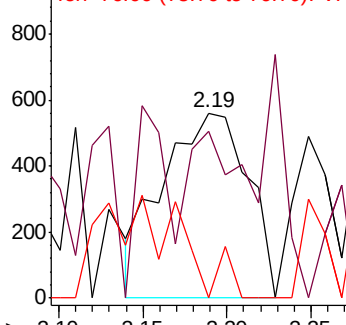
76 0.0 34.8 52.2#

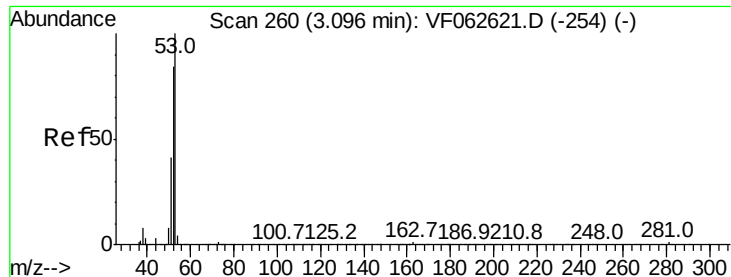


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 1384.923 ug/l

RT: 3.10 min Scan# 260

Delta R.T. 0.00 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

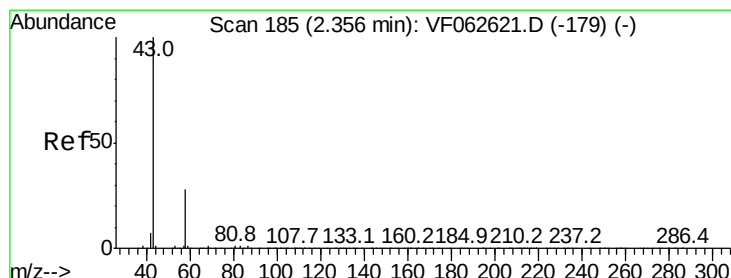
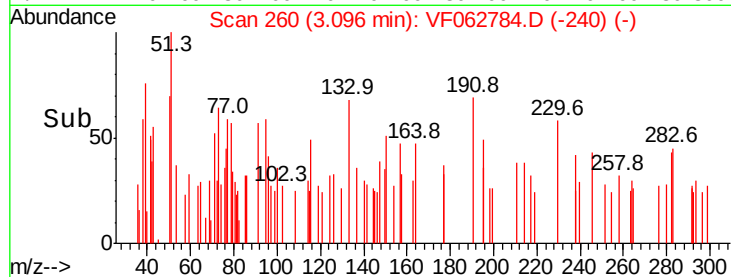
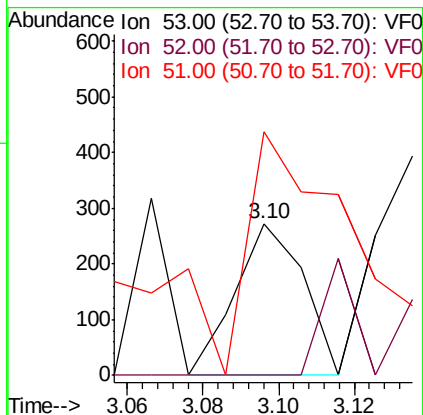
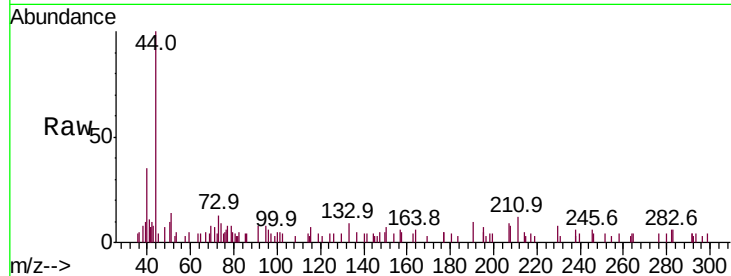
Tot Ion: 53 Resp: 339

Ion Ratio Lower Upper

53 100

52 0.0 67.3 100.9#

51 160.7 33.0 49.6#



#16

Acetone

Concen: 2026.457 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.04 min

Lab File: VF062784.D

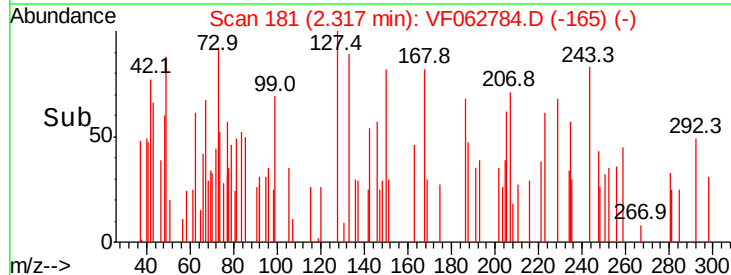
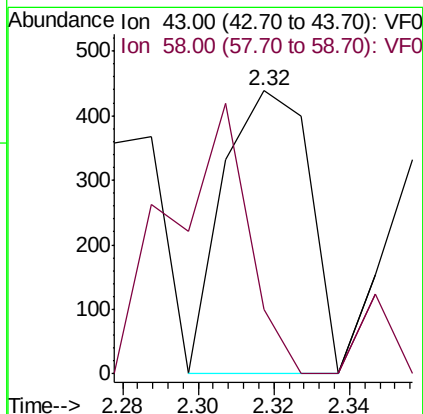
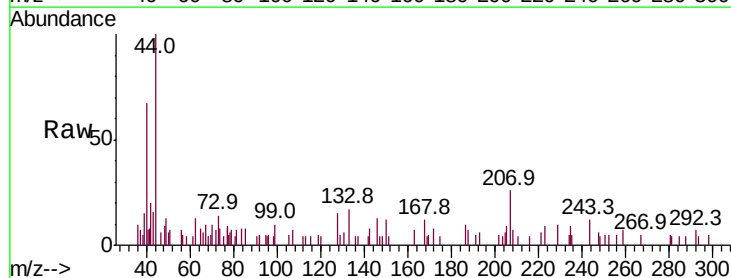
Acq: 29 May 2019 16:18

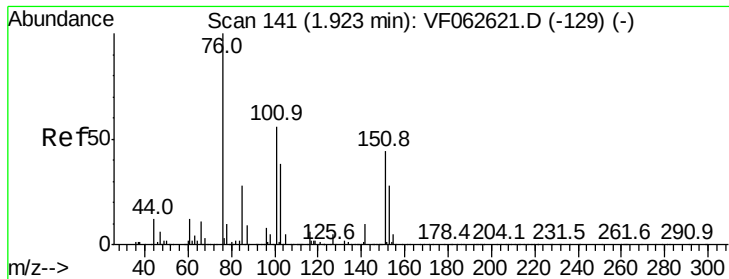
Tgt Ion: 43 Resp: 691

Ion Ratio Lower Upper

43 100

58 23.1 22.6 33.8





#17

Carbon Disulfide

Concen: 94.499 ug/l

RT: 1.94 min Scan# 143

Delta R.T. 0.02 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

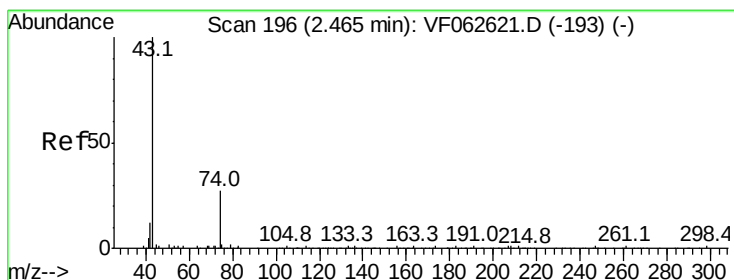
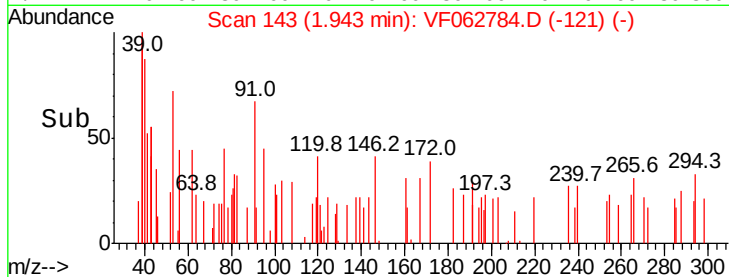
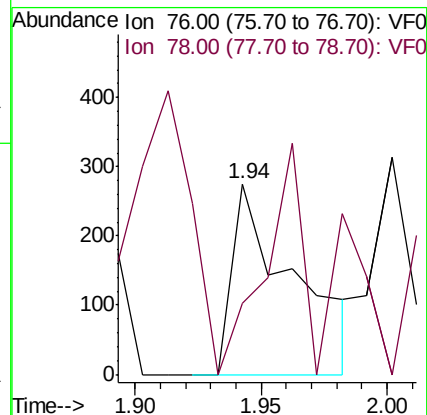
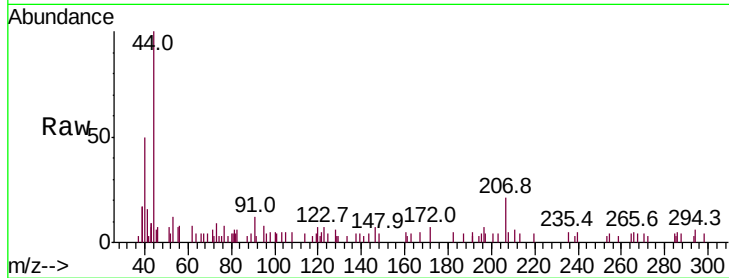
TEST-PIT-2RE

Tot Ion: 76 Resp: 468

Ion Ratio Lower Upper

76 100

78 37.5 8.4 12.6#



#18

Methyl Acetate

Concen: 1841.960 ug/l

RT: 2.44 min Scan# 193

Delta R.T. -0.03 min

Lab File: VF062784.D

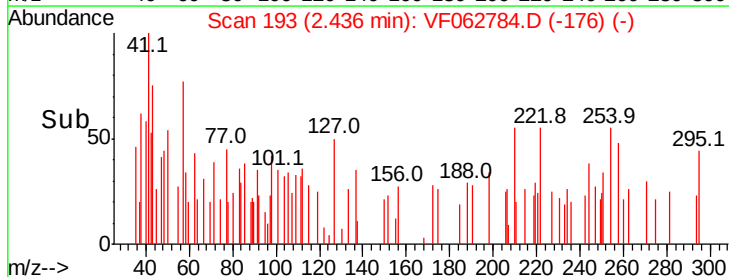
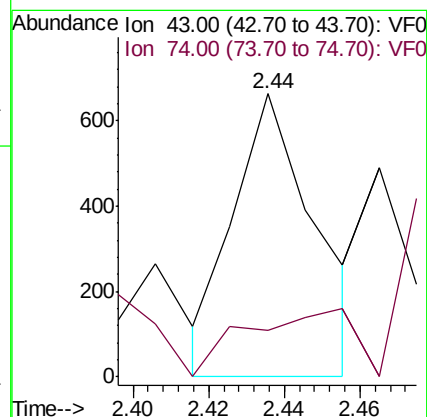
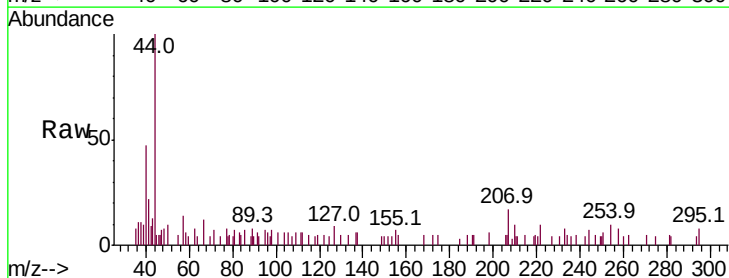
Acq: 29 May 2019 16:18

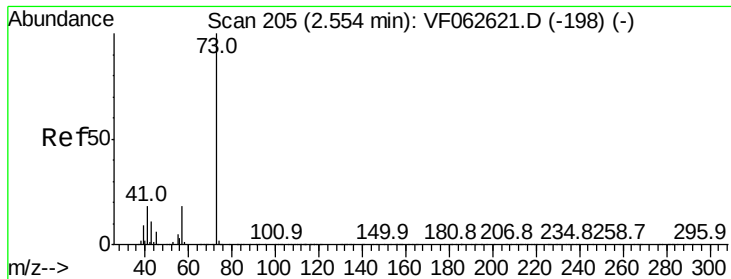
Tgt Ion: 43 Resp: 987

Ion Ratio Lower Upper

43 100

74 16.4 18.9 28.3#



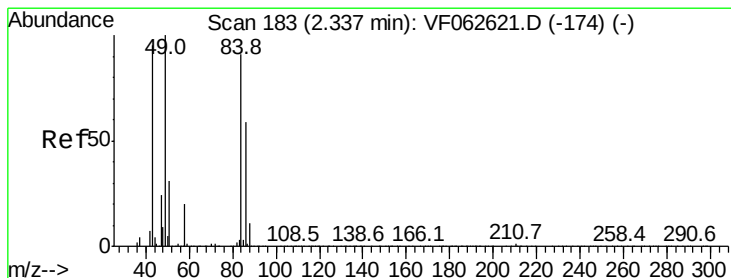
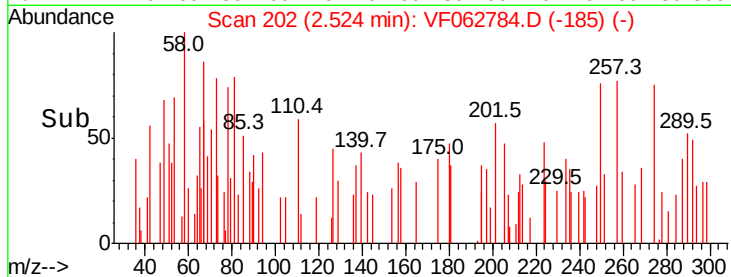
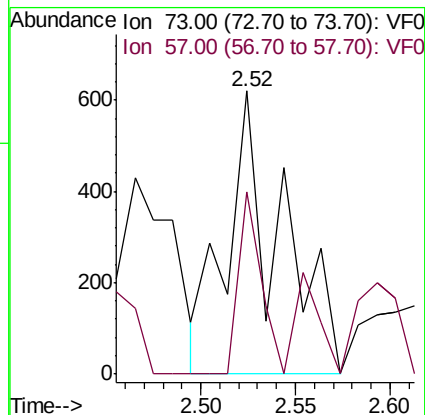
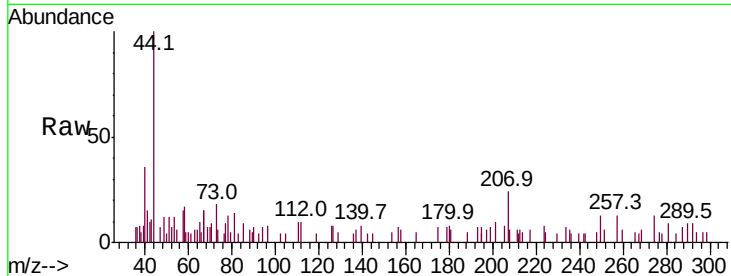


#19

Methyl tert-butyl Ether
 Concen: 408.106 ug/l
 RT: 2.52 min Scan# 202
 Delta R.T. -0.03 min
 Lab File: VF062784.D
 Acq: 29 May 2019 16:18

Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-2RE

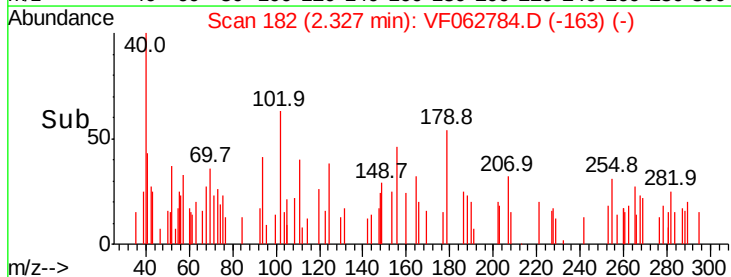
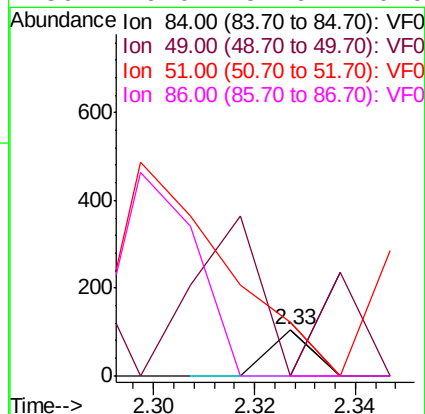
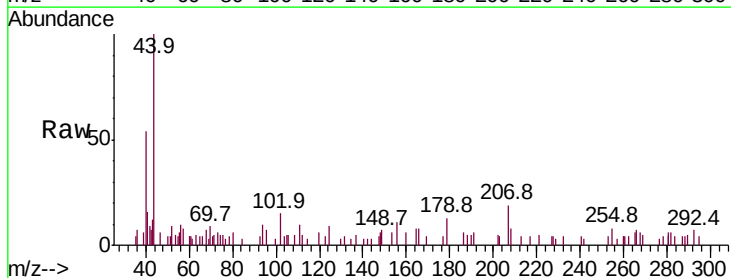
Tot Ion: 73 Resp: 1219
 Ion Ratio Lower Upper
 73 100
 57 64.5 14.2 21.4#

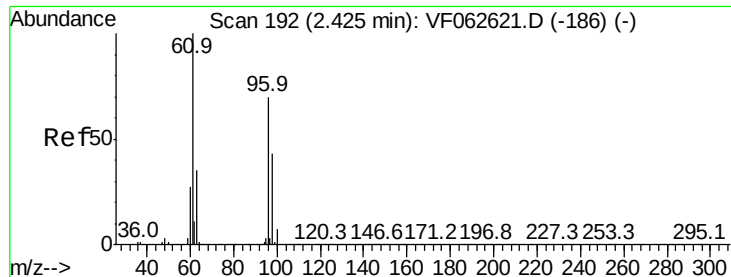


#20

Methylene Chloride
 Concen: 36.860 ug/l
 RT: 2.33 min Scan# 182
 Delta R.T. -0.01 min
 Lab File: VF062784.D
 Acq: 29 May 2019 16:18

Tgt Ion: 84 Resp: 63
 Ion Ratio Lower Upper
 84 100
 49 0.0 89.8 134.8#
 51 114.2 28.4 42.6#
 86 0.0 52.6 79.0#





#21

trans-1,2-Dichloroethene

Concen: 284.112 ug/l

RT: 2.39 min Scan# 188

Delta R.T. -0.04 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

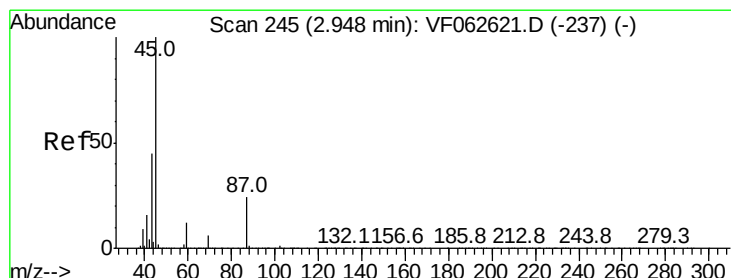
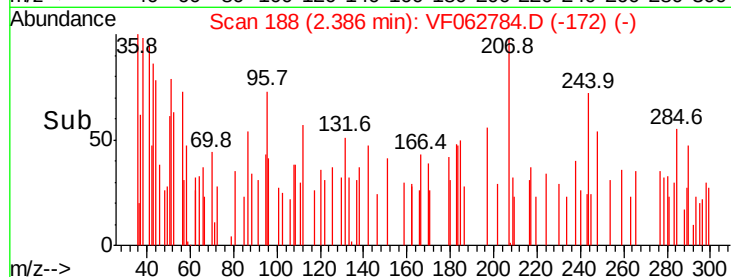
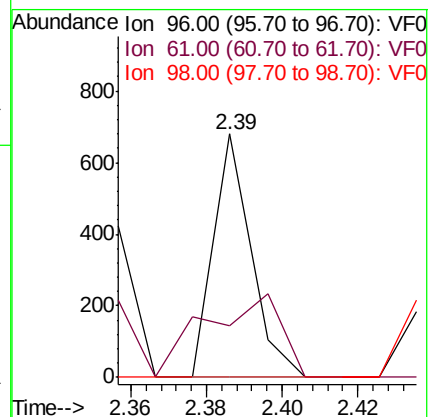
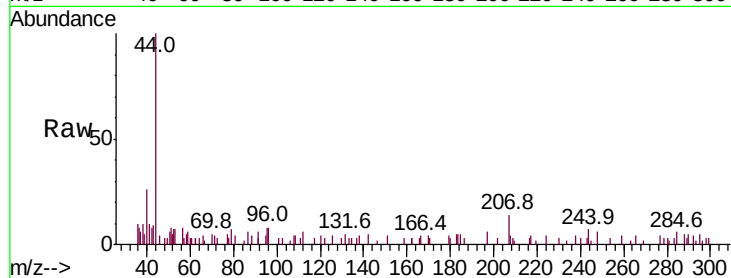
Tot Ion: 96 Resp: 464

Ion Ratio Lower Upper

96 100

61 21.3 114.6 171.8#

98 0.0 49.5 74.3#



#22

Diisopropyl ether

Concen: 61.934 ug/l

RT: 2.92 min Scan# 242

Delta R.T. -0.03 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Tgt Ion: 45 Resp: 231

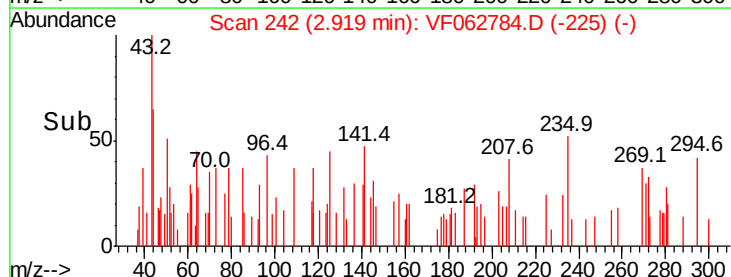
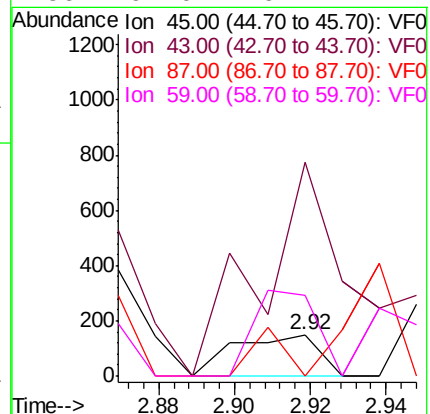
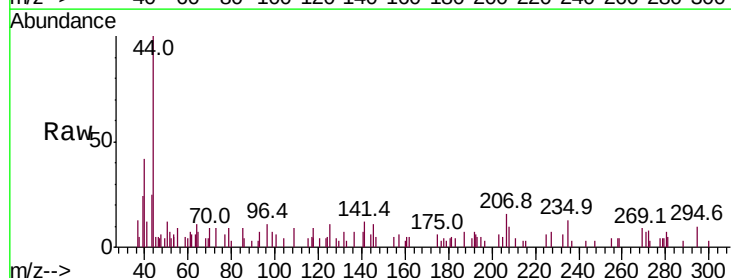
Ion Ratio Lower Upper

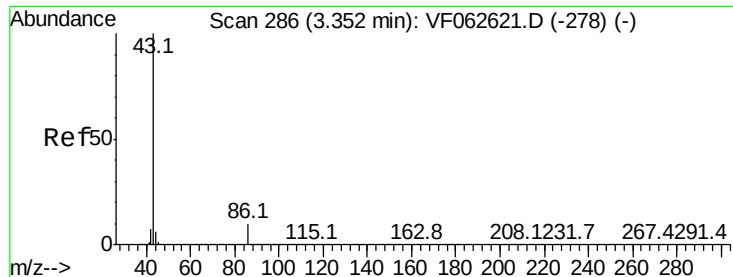
45 100

43 516.0 36.4 54.6#

87 0.0 19.3 28.9#

59 194.0 9.4 14.2#

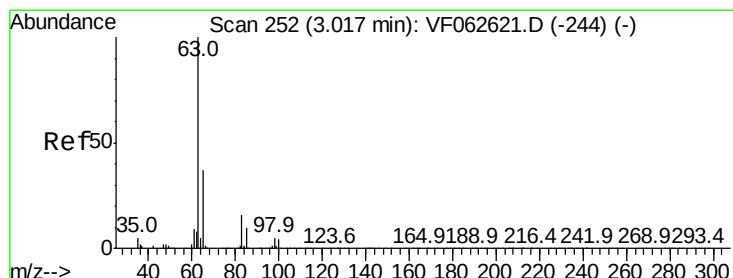
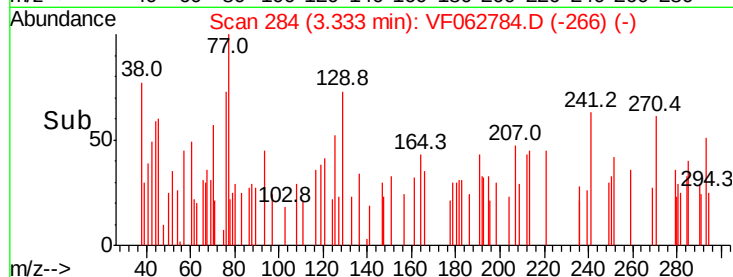
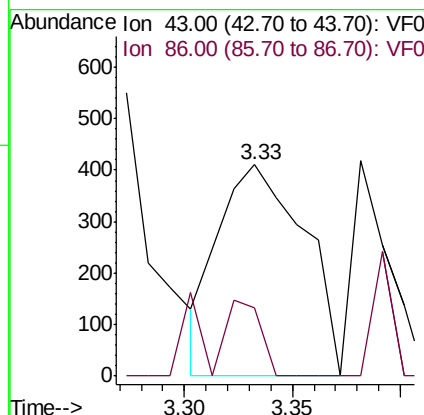




#23
 Vinyl Acetate
 Concen: 452.701 ug/l
 RT: 3.33 min Scan# 284
 Delta R.T. -0.02 min
 Lab File: VF062784.D
 Acq: 29 May 2019 16:18

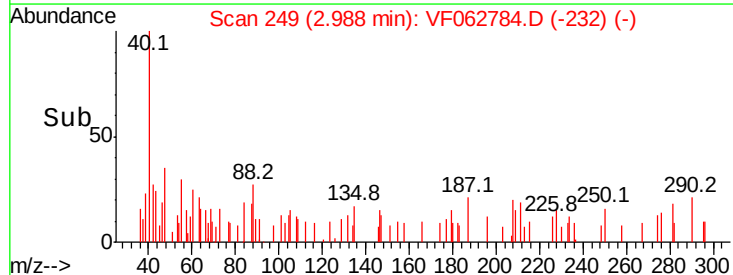
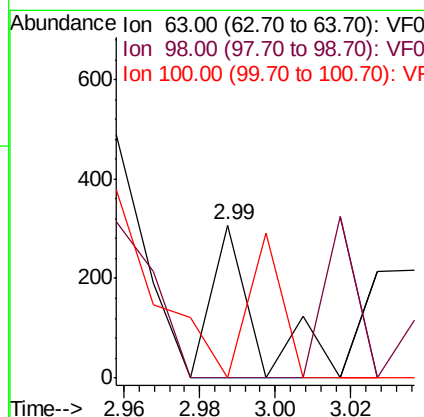
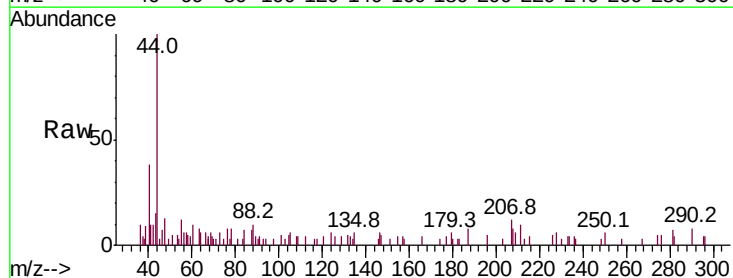
Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-2RE

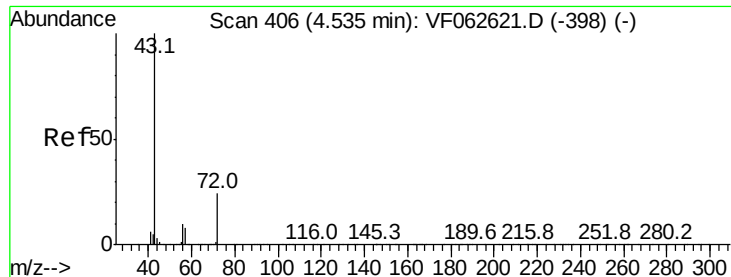
Tot Ion: 43 Resp: 1139
 Ion Ratio Lower Upper
 43 100
 86 32.1 8.2 12.2#



#24
 1,1-Dichloroethane
 Concen: 92.831 ug/l
 RT: 2.99 min Scan# 249
 Delta R.T. -0.03 min
 Lab File: VF062784.D
 Acq: 29 May 2019 16:18

Tgt Ion: 63 Resp: 254
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.8 8.3#
 100 0.0 1.9 5.7#

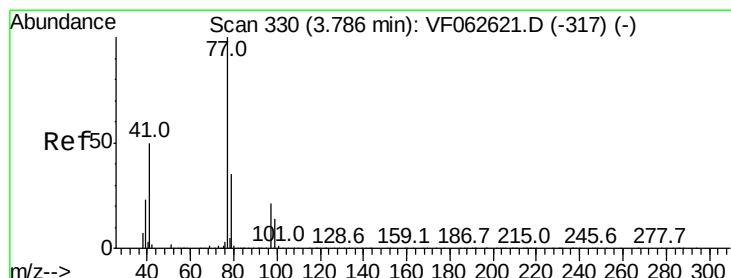
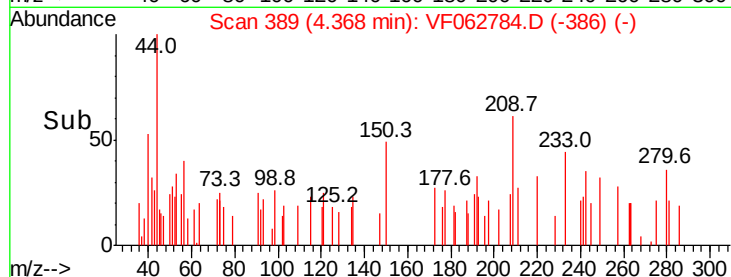
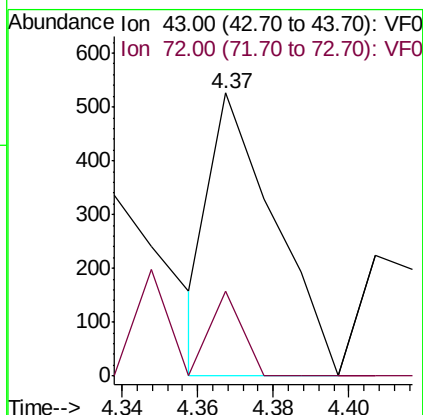
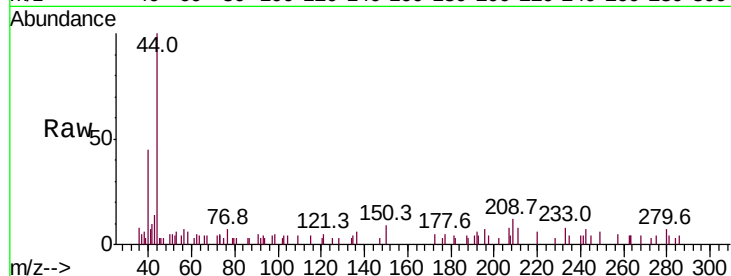




#25
2-Butanone
Concen: 851.038 ug/l
RT: 4.37 min Scan# 389
Delta R.T. -0.17 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

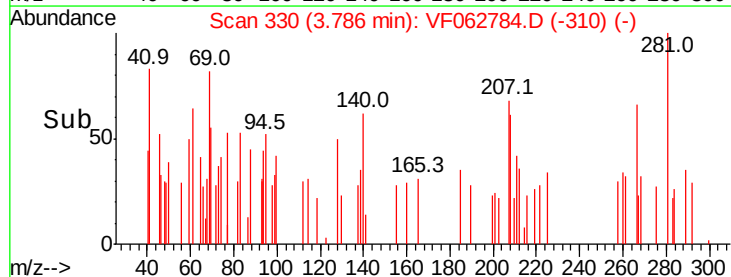
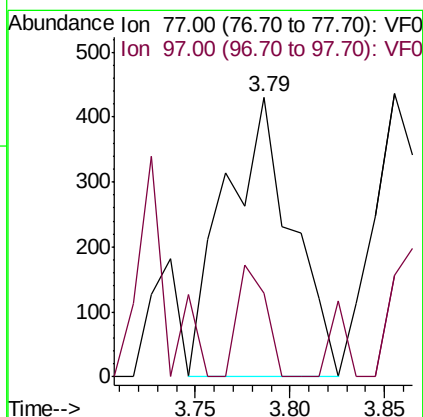
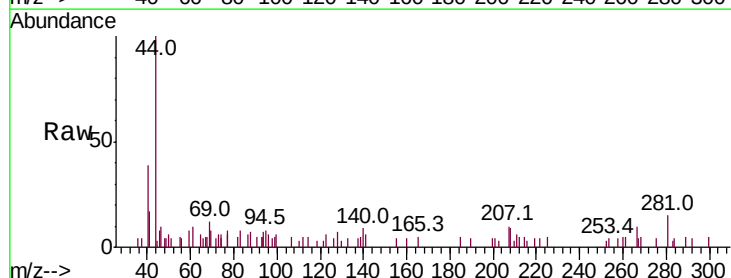
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-2RE

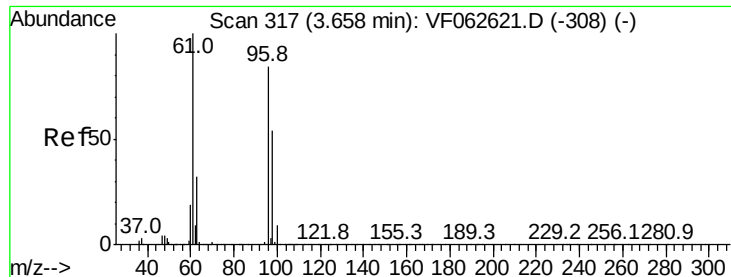
Tot Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
72 30.0 20.1 30.1



#26
2,2-Dichloropropane
Concen: 677.724 ug/l
RT: 3.79 min Scan# 330
Delta R.T. 0.00 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Tgt Ion: 77 Resp: 1061
Ion Ratio Lower Upper
77 100
97 29.7 14.1 42.4



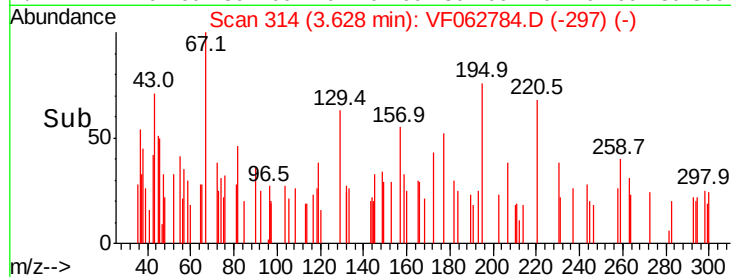
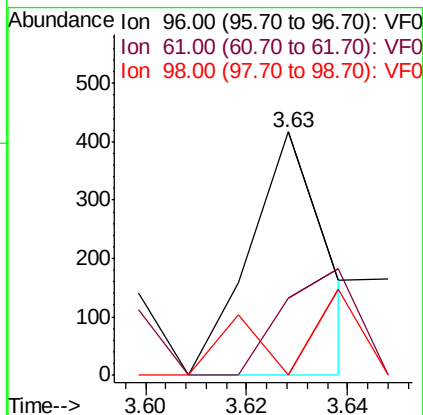
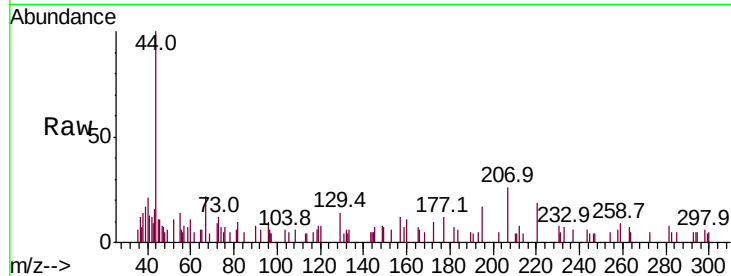


#27

cis-1,2-Dichloroethene
Concen: 162.299 ug/l
RT: 3.63 min Scan# 314
Delta R.T. -0.03 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-2RE

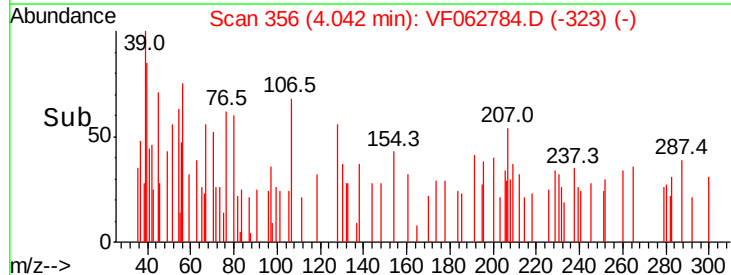
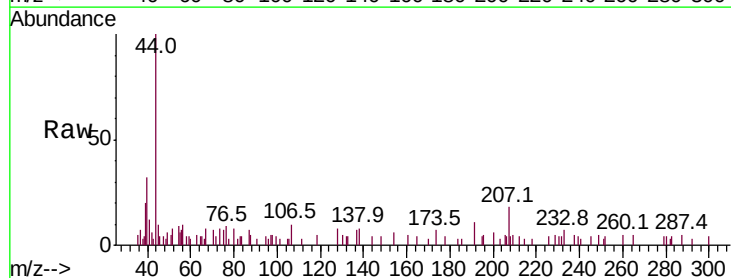
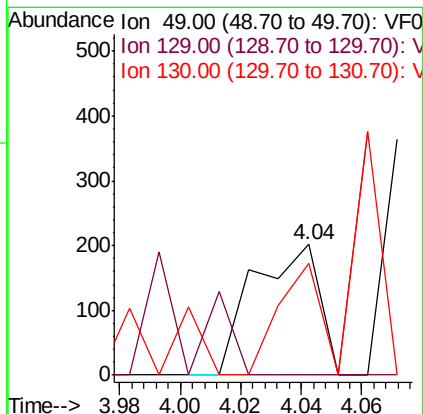
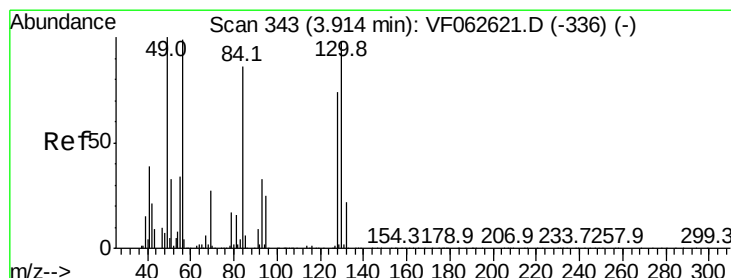
Tot Ion: 96 Resp: 436
Ion Ratio Lower Upper
96 100
61 31.7 0.0 237.4
98 0.0 0.0 129.0

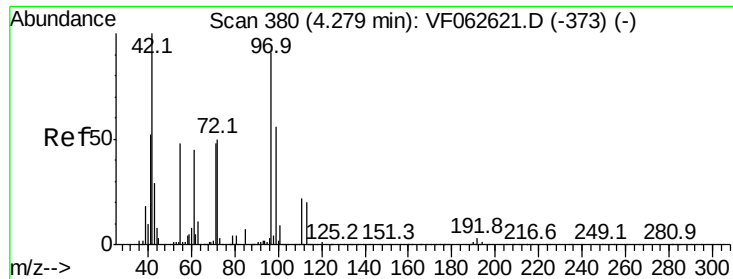


#28

Bromochloromethane
Concen: 198.101 ug/l
RT: 4.04 min Scan# 356
Delta R.T. 0.13 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Tgt Ion: 49 Resp: 304
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 85.6 77.8 116.8





#29

Tetrahydrofuran

Concen: 2459.231 ug/l

RT: 4.26 min Scan# 378

Delta R.T. -0.02 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

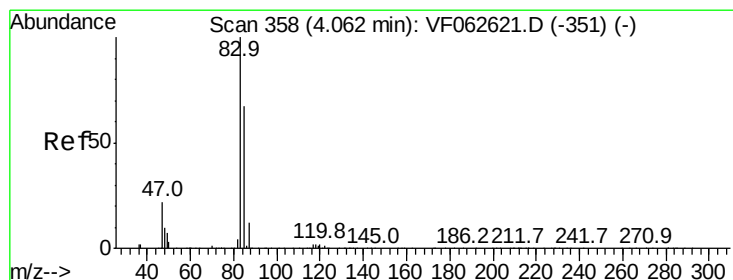
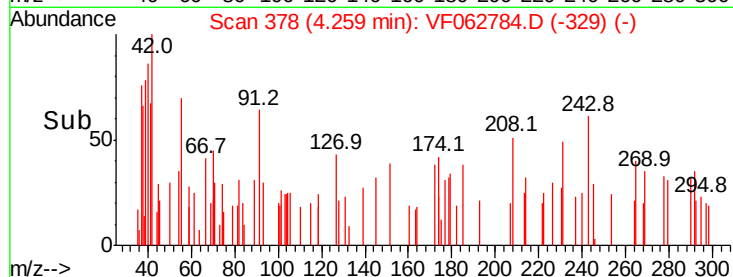
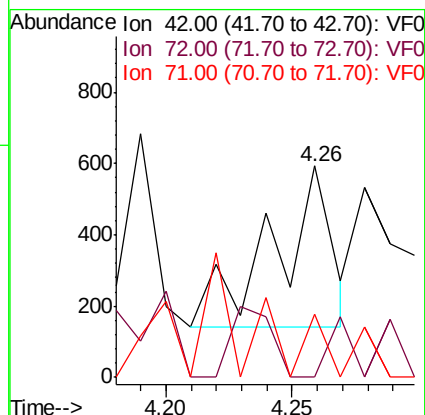
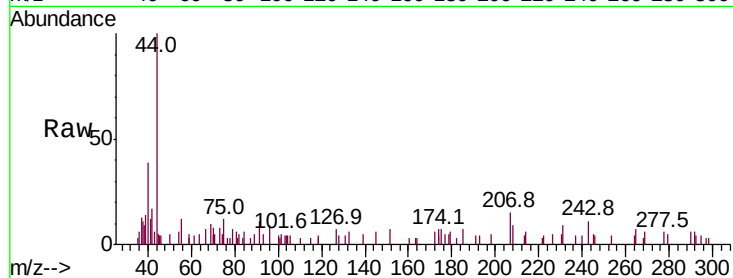
Tot Ion: 42 Resp: 725

Ion Ratio Lower Upper

42 100

72 14.1 38.2 57.2#

71 0.0 35.8 53.6#



#30

Chloroform

Concen: 241.385 ug/l

RT: 4.03 min Scan# 355

Delta R.T. -0.03 min

Lab File: VF062784.D

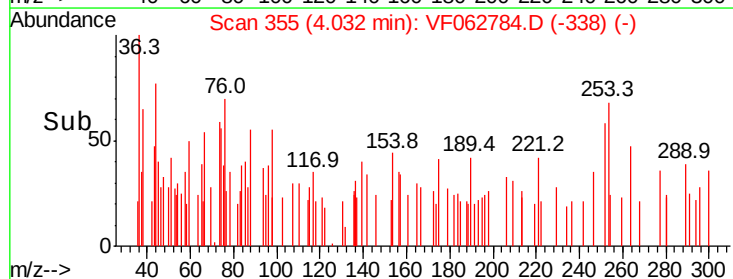
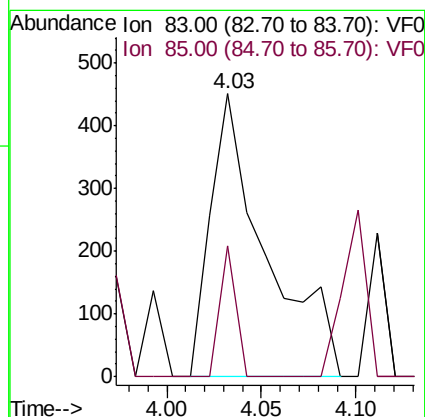
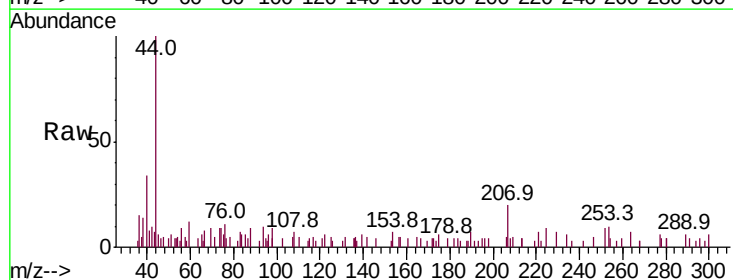
Acq: 29 May 2019 16:18

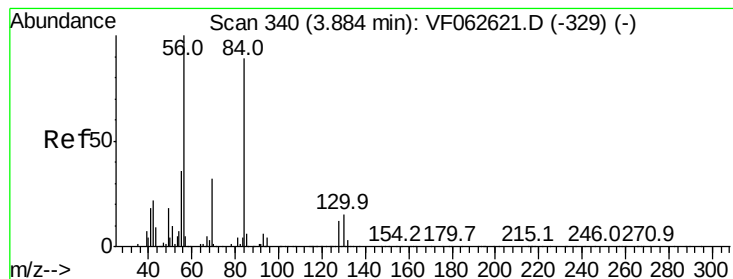
Tgt Ion: 83 Resp: 917

Ion Ratio Lower Upper

83 100

85 46.3 53.6 80.4#





#31

Cvclohexane

Concen: 95.268 ug/l

RT: 3.85 min Scan# 337

Delta R.T. -0.03 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

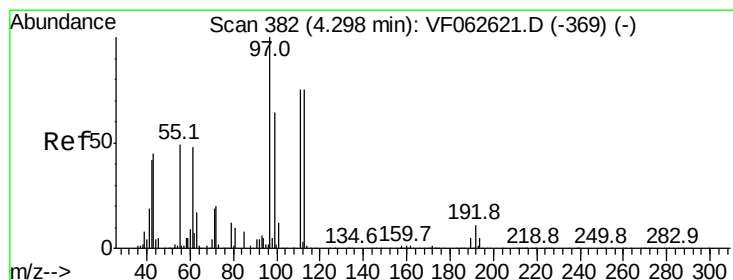
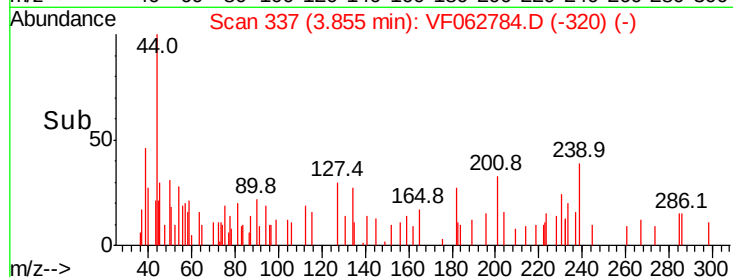
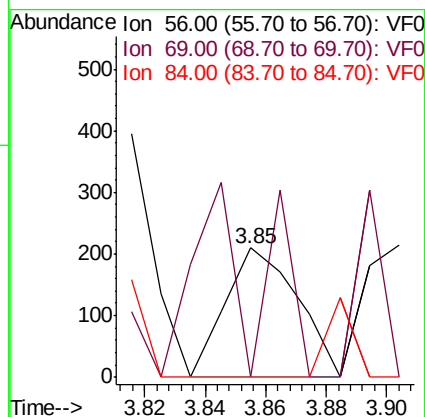
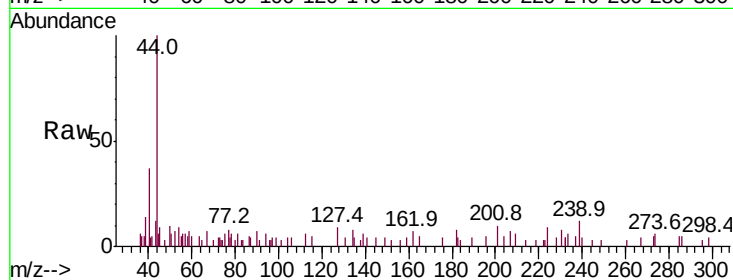
Tot Ion: 56 Resp: 350

Ion Ratio Lower Upper

56 100

69 0.0 25.3 37.9#

84 0.0 71.0 106.4#



#32

1,1,1-Trichloroethane

Concen: 78.876 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.00 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

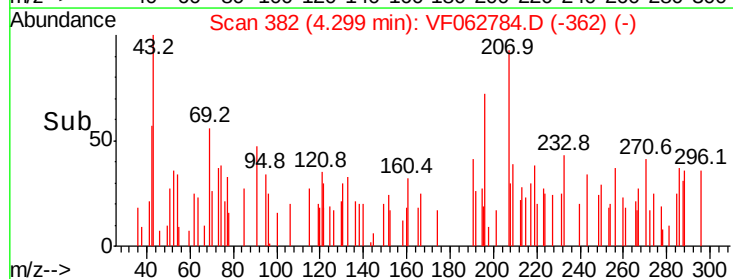
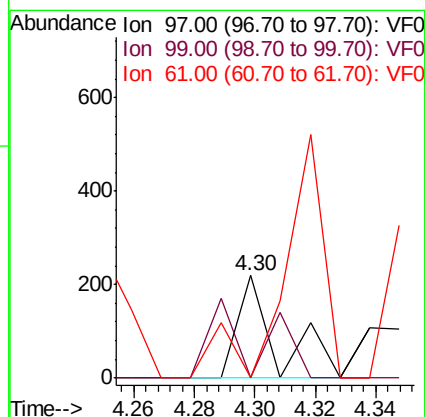
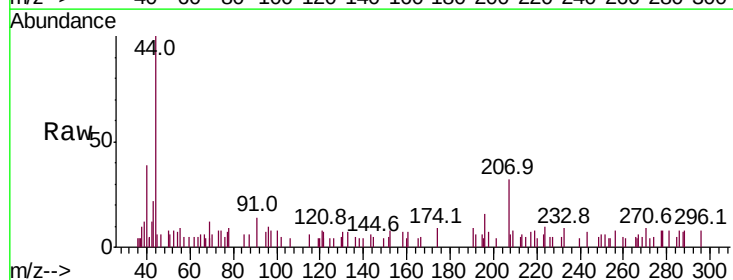
Tgt Ion: 97 Resp: 199

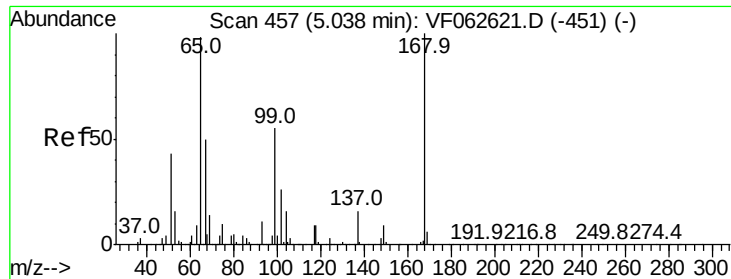
Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

61 0.0 38.2 57.2#





#33

1,2-Dichloroethane-d4

Concen: 406.279 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.04 min

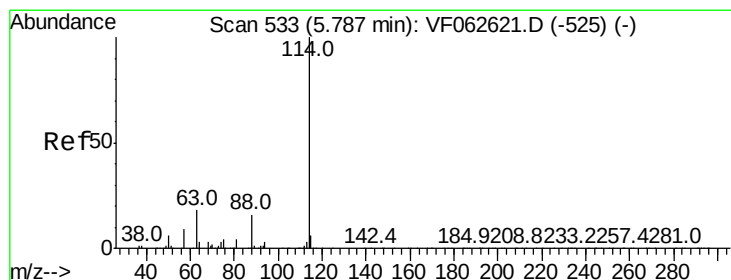
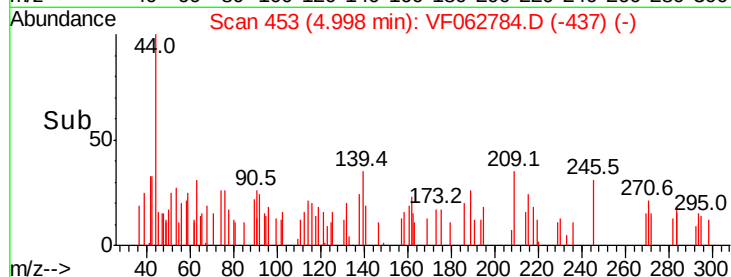
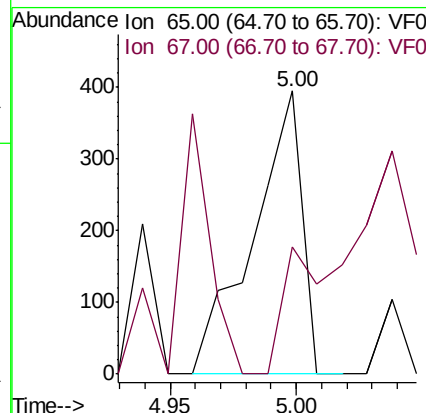
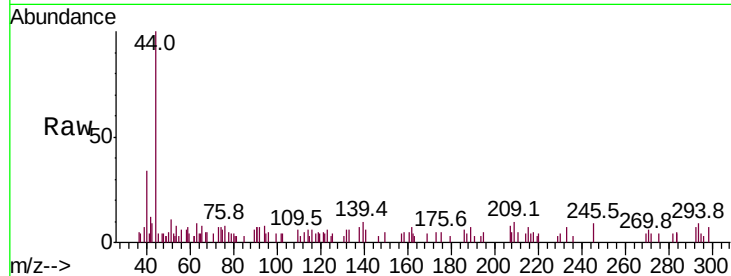
Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-2RE

Tot Ion: 65 Resp: 534

Ion	Ratio	Lower	Upper
65	100		
67	45.1	0.0	117.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 514

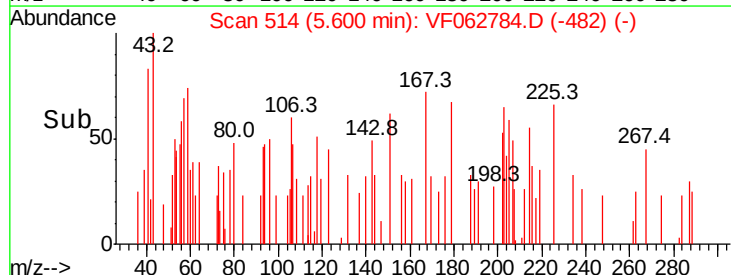
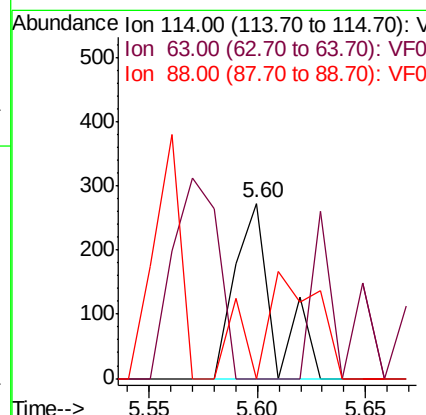
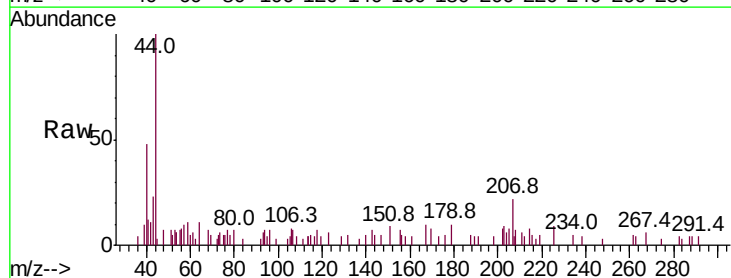
Delta R.T. -0.19 min

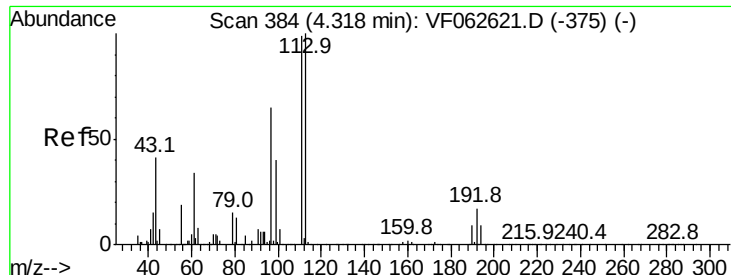
Lab File: VF062784.D

Acq: 29 May 2019 16:18

Tgt Ion: 114 Resp: 342

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	35.4
88	0.0	0.0	32.4





#35

Dibromofluoromethane

Concen: 23.309 ug/l

RT: 4.21 min Scan# 373

Delta R.T. -0.11 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

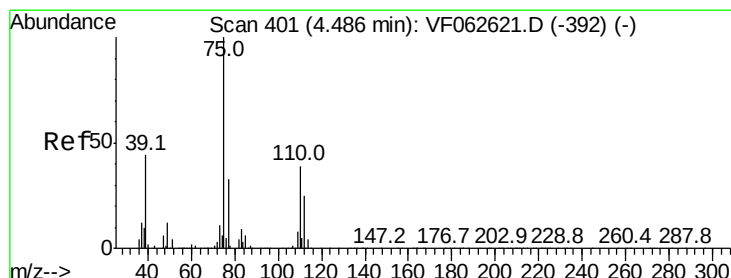
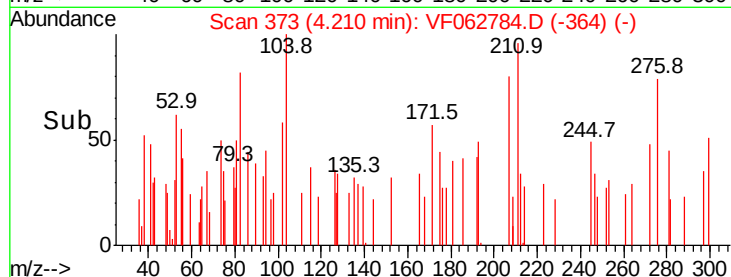
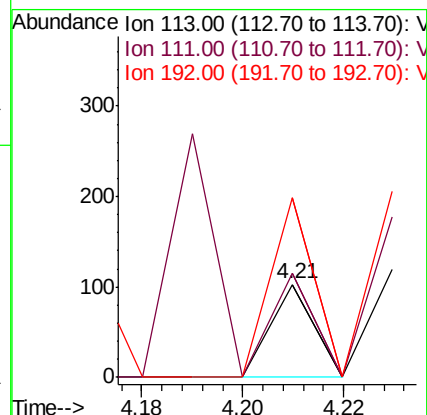
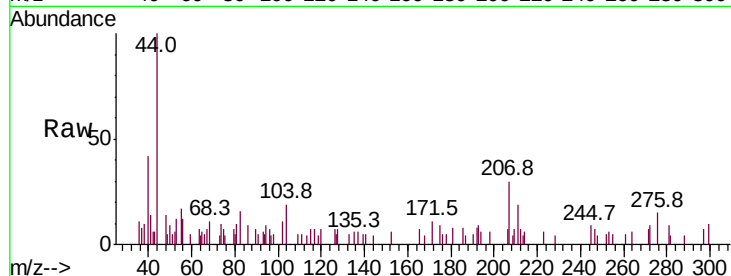
Tot Ion:113 Resp: 61

Ion Ratio Lower Upper

113 100

111 111.7 79.4 119.2

192 192.2 13.4 20.2#



#36

1,1-Dichloropropene

Concen: 114.997 ug/l

RT: 4.26 min Scan# 378

Delta R.T. -0.23 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

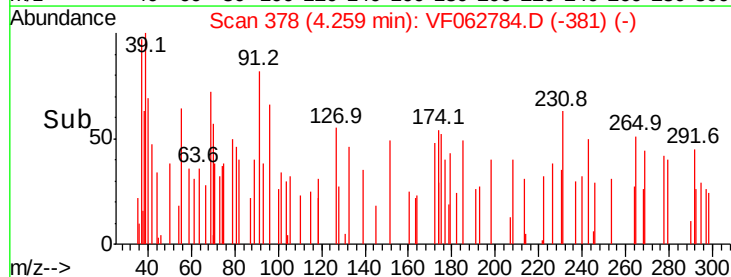
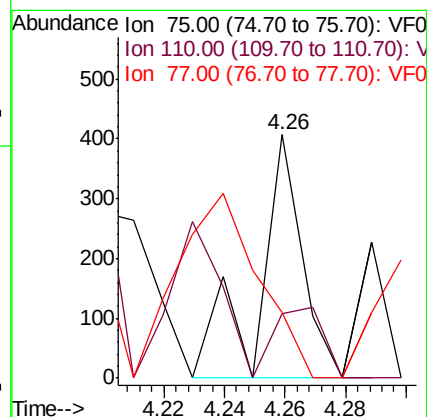
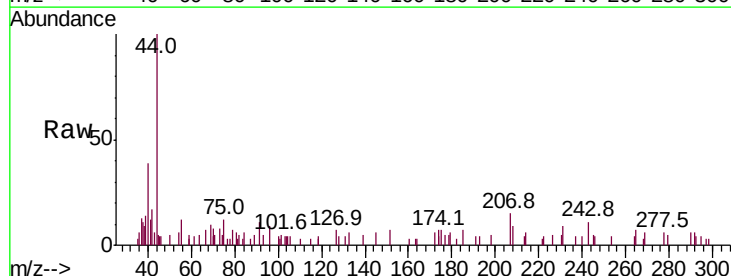
Tgt Ion: 75 Resp: 403

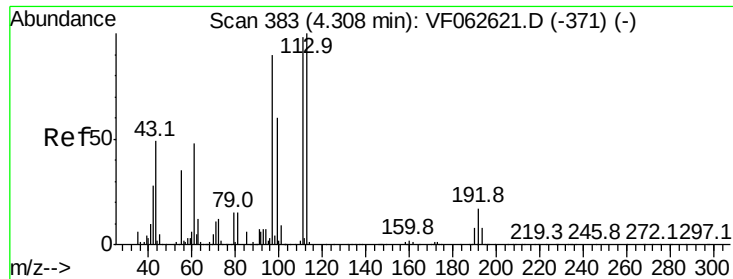
Ion Ratio Lower Upper

75 100

110 26.5 19.7 59.1

77 27.3 26.3 39.5

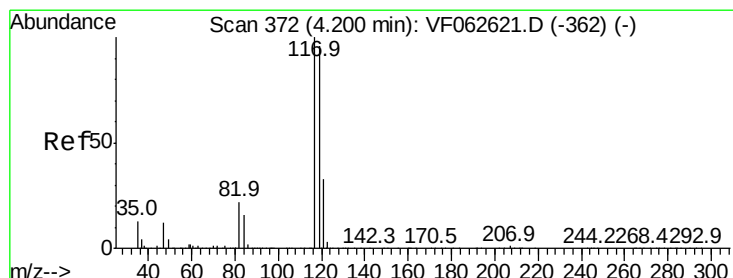
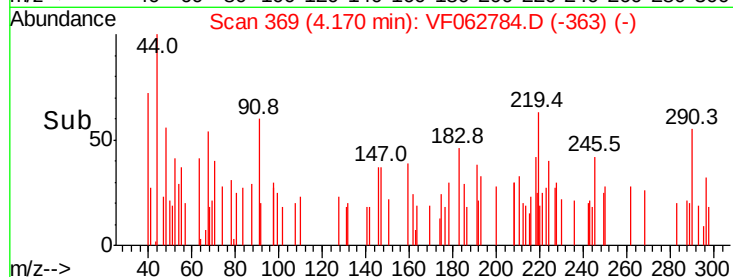
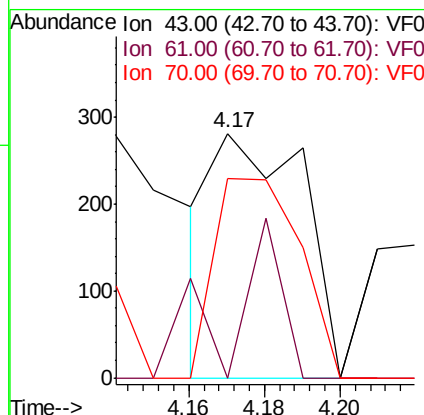
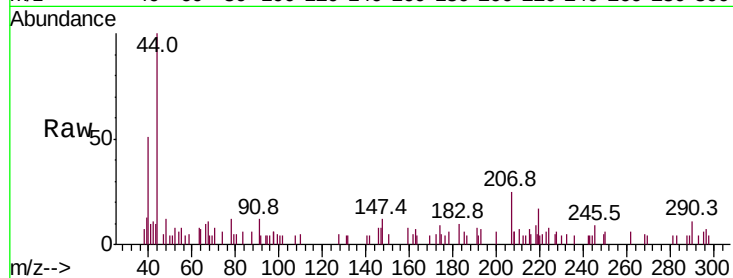




#37
Ethyl Acetate
Concen: 320.784 ug/l
RT: 4.17 min Scan# 369
Delta R.T. -0.14 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

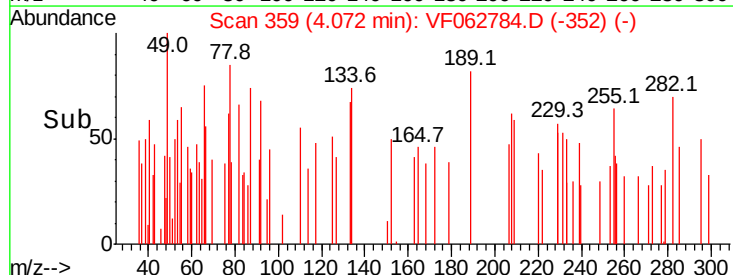
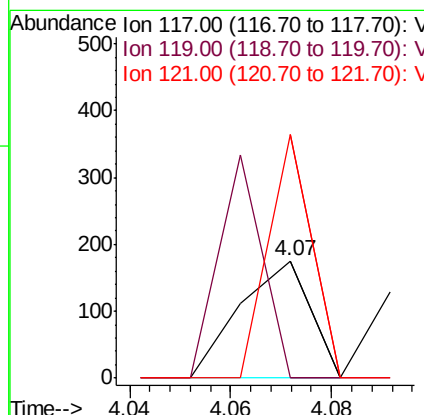
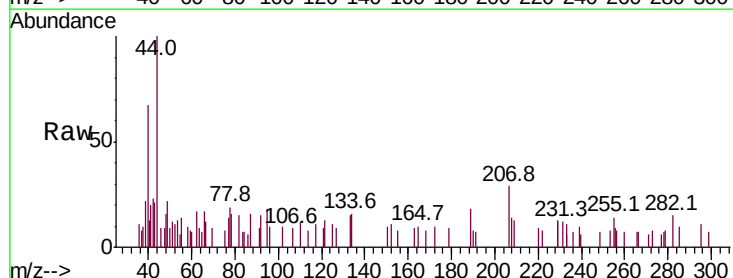
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-2RE

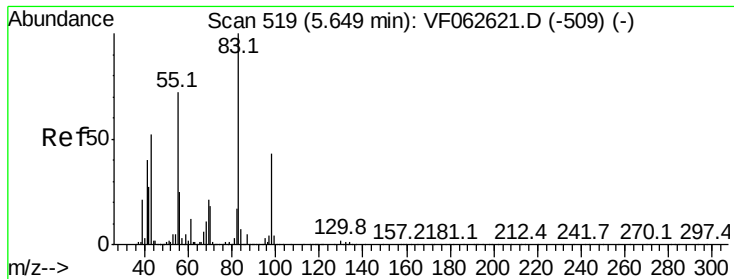
Tot Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
61 0.0 76.9 115.3#
70 81.9 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 64.122 ug/l
RT: 4.07 min Scan# 359
Delta R.T. -0.13 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Tgt Ion: 117 Resp: 169
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
121 208.0 26.6 40.0#

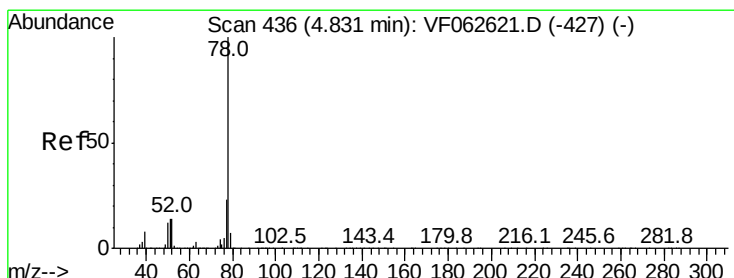
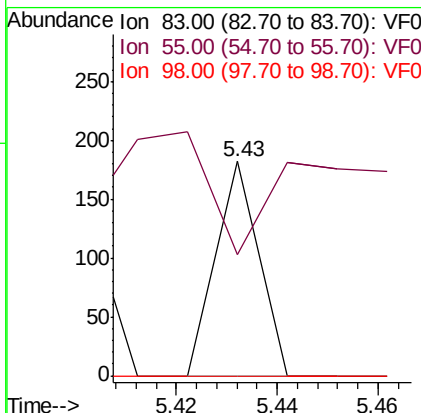
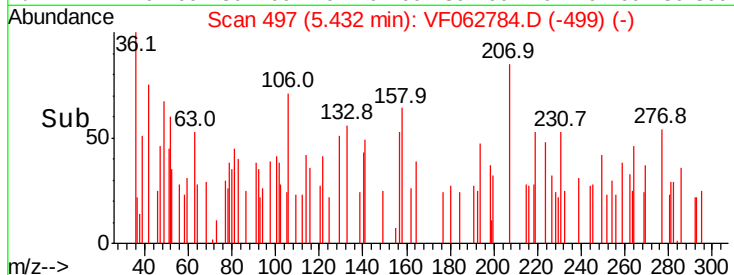
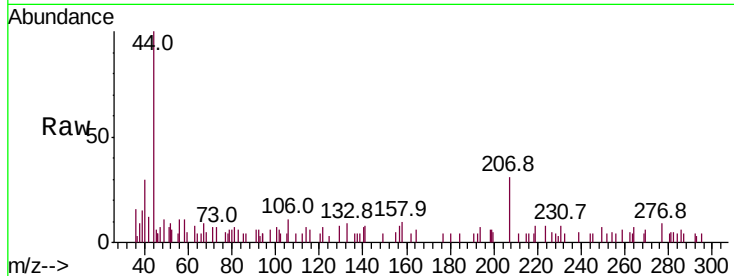




#39
Methylvlcyclohexane
Concen: 25.612 ug/l
RT: 5.43 min Scan# 497
Delta R.T. -0.22 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

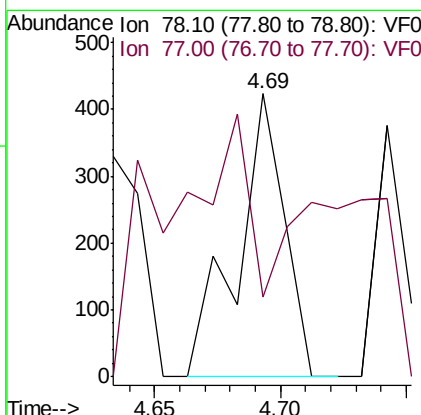
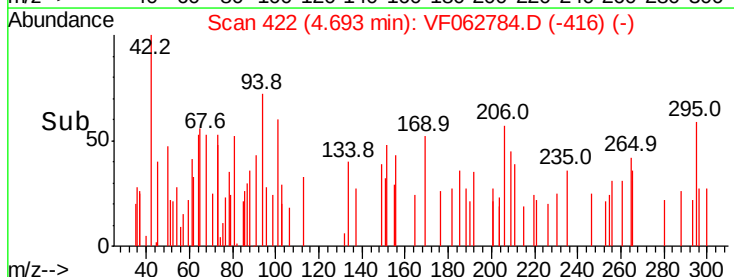
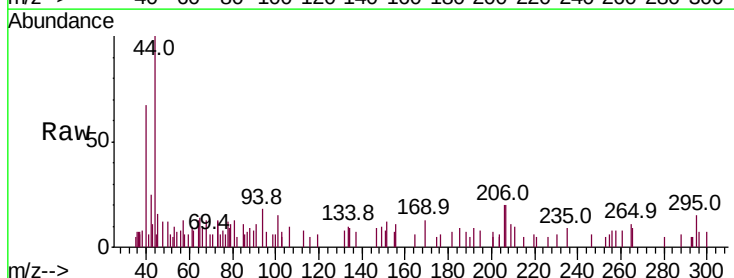
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-2RE

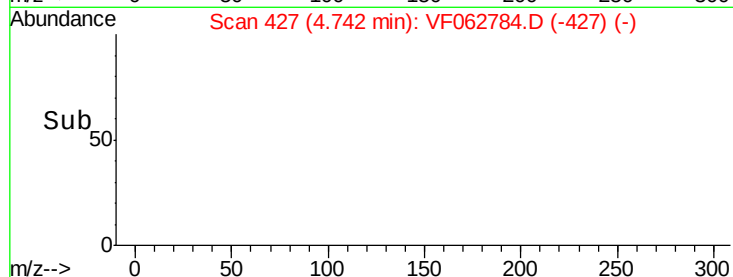
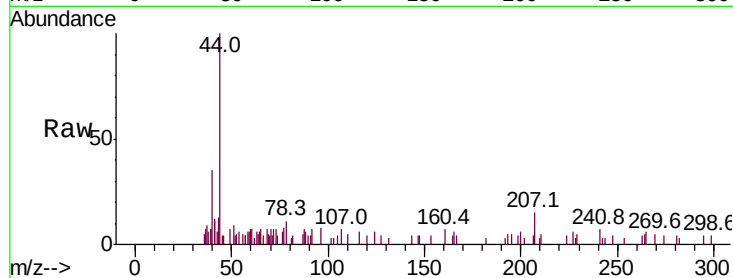
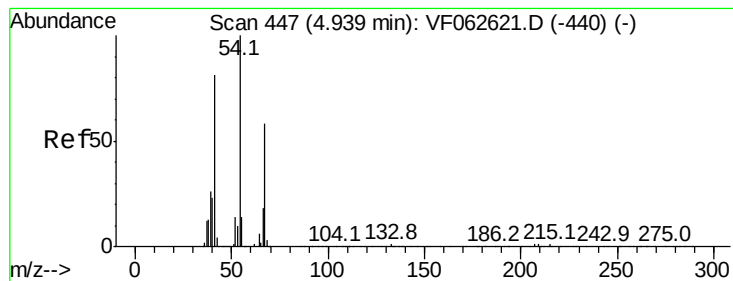
Tot Ion: 83 Resp: 108
Ion Ratio Lower Upper
83 100
55 56.6 57.9 86.9#
98 0.0 34.6 52.0#



#40
Benzene
Concen: 57.505 ug/l
RT: 4.69 min Scan# 422
Delta R.T. -0.14 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Tgt Ion: 78 Resp: 549
Ion Ratio Lower Upper
78 100
77 28.1 18.2 27.2#





#41

Methacrylonitrile

Concen: 2650.082 ug/l

RT: 4.74 min Scan# 427

Delta R.T. -0.20 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

Tot Ion: 41 Resp: 1988

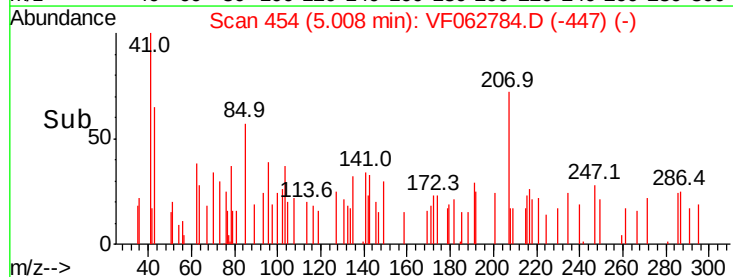
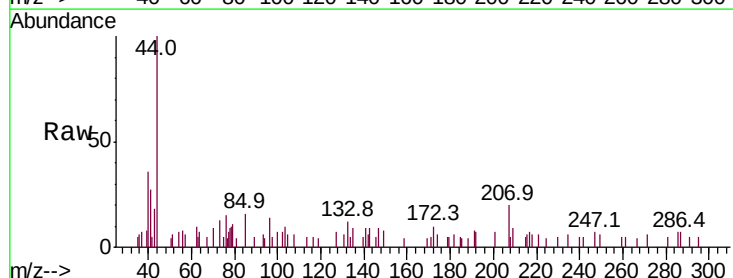
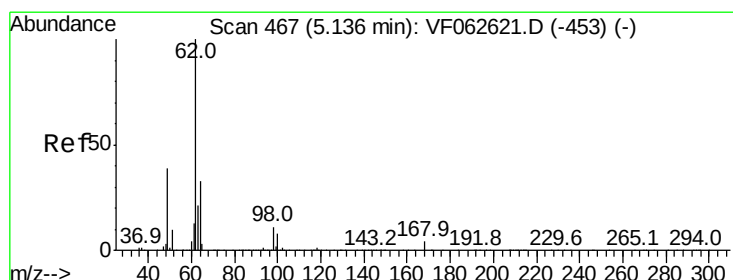
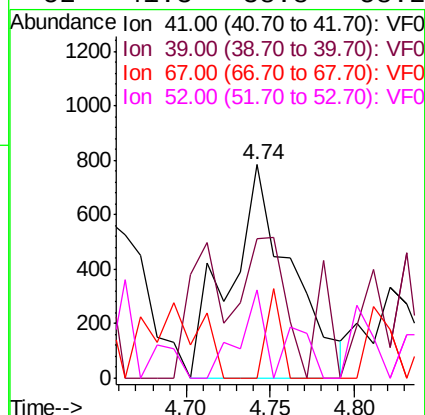
Ion Ratio Lower Upper

41 100

39 65.1 42.2 63.2#

67 0.0 56.4 84.6#

52 41.3 38.8 58.2



#42

1,2-Dichloroethane

Concen: 190.142 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.13 min

Lab File: VF062784.D

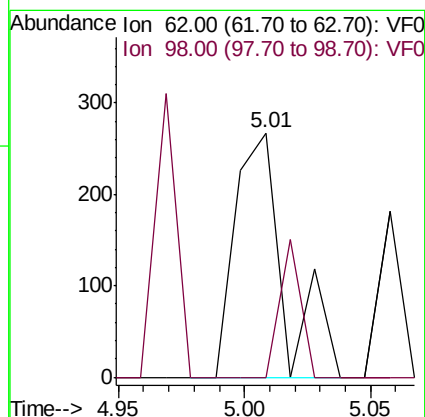
Acq: 29 May 2019 16:18

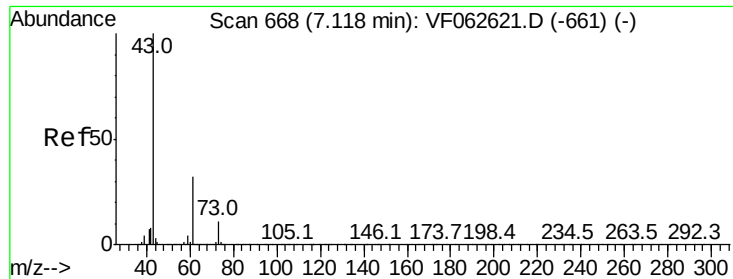
Tgt Ion: 62 Resp: 362

Ion Ratio Lower Upper

62 100

98 0.0 0.0 21.6





#43

Isopropyl Acetate

Concen: 775.187 ug/l

RT: 6.91 min Scan# 647

Delta R.T. -0.21 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

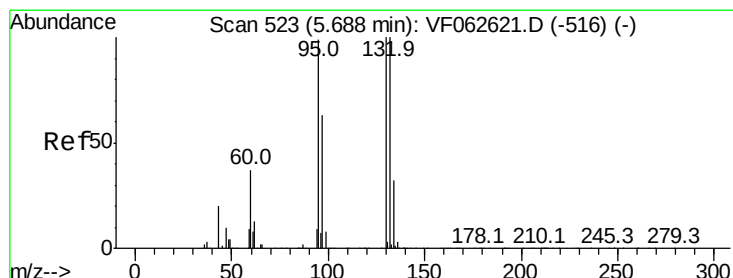
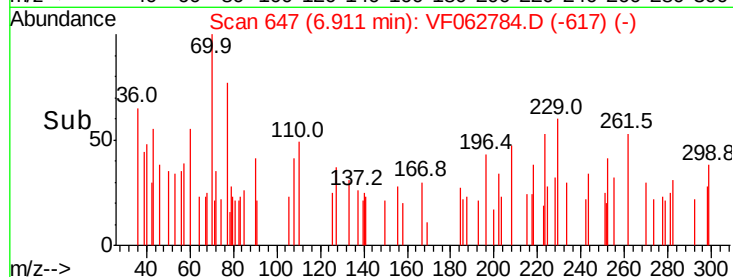
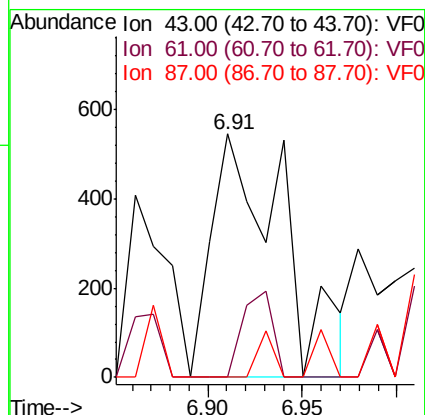
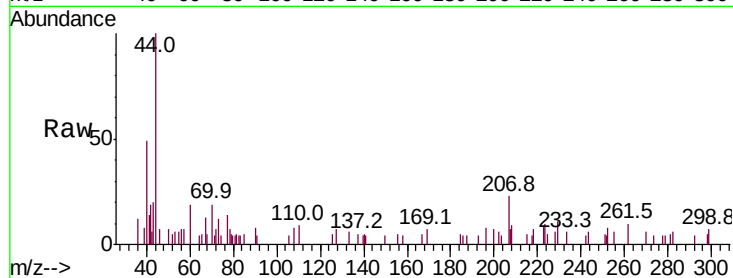
Tot Ion: 43 Resp: 1437

Ion Ratio Lower Upper

43 100

61 0.0 25.8 38.8#

87 0.0 0.4 0.6#



#44

Trichloroethene

Concen: 83.854 ug/l

RT: 5.49 min Scan# 503

Delta R.T. -0.20 min

Lab File: VF062784.D

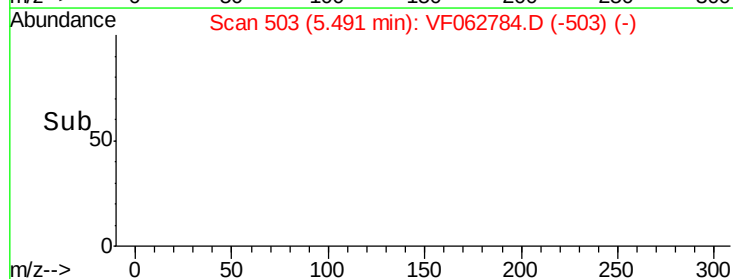
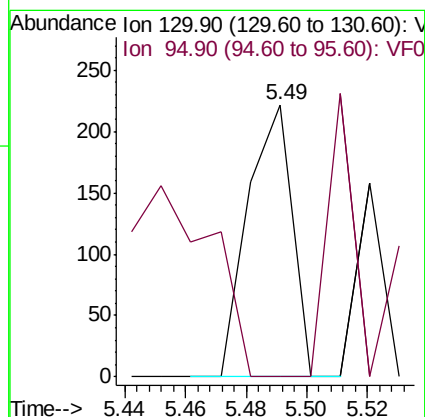
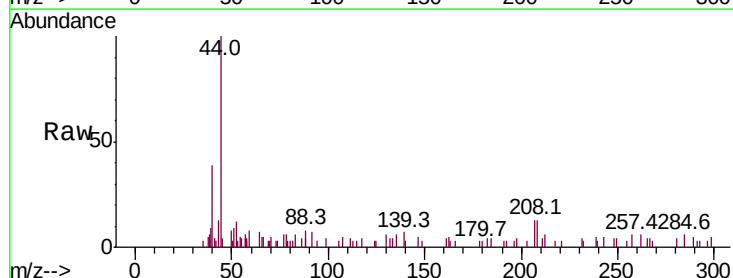
Acq: 29 May 2019 16:18

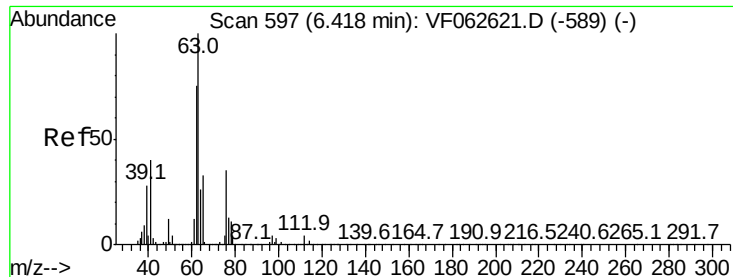
Tgt Ion:130 Resp: 225

Ion Ratio Lower Upper

130 100

95 0.0 0.0 199.4





#45

1,2-Dichloropropane

Concen: 55.601 ug/l

RT: 6.17 min Scan# 572

Delta R.T. -0.25 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

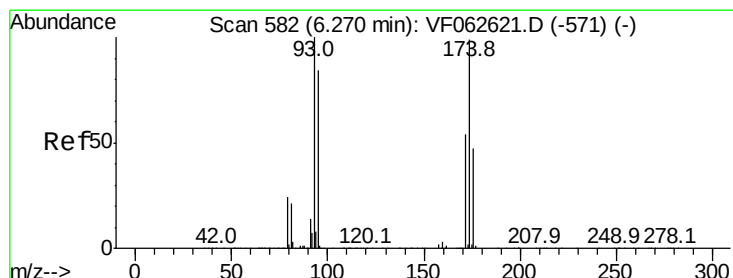
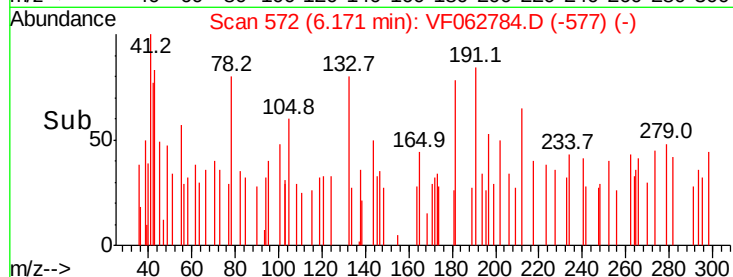
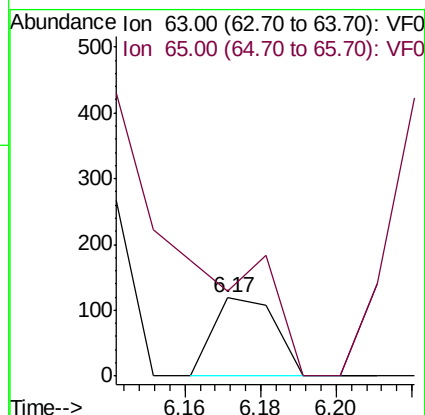
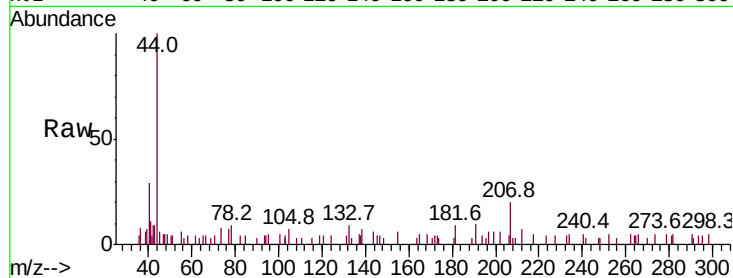
TEST-PIT-2RE

Tot Ion: 63 Resp: 134

Ion Ratio Lower Upper

63 100

65 108.4 26.3 39.5#



#46

Dibromomethane

Concen: 264.213 ug/l

RT: 6.07 min Scan# 562

Delta R.T. -0.20 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

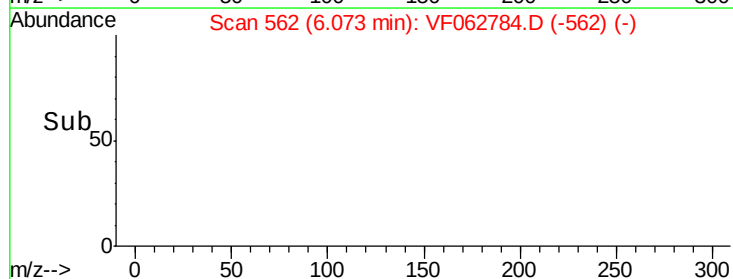
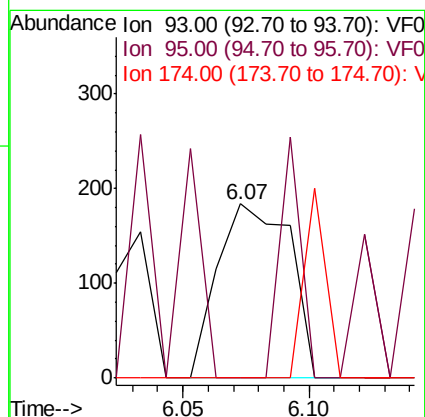
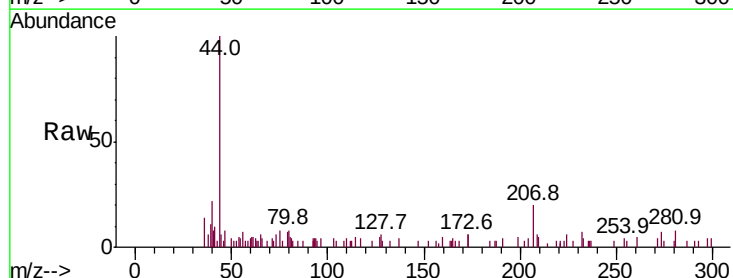
Tgt Ion: 93 Resp: 368

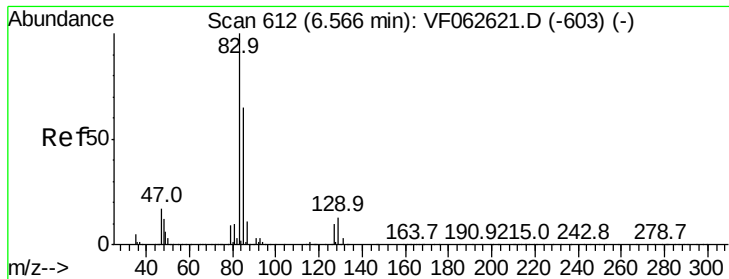
Ion Ratio Lower Upper

93 100

95 0.0 67.4 101.2#

174 0.0 79.4 119.2#





#47

Bromodichloromethane

Concen: 69.514 ug/l

RT: 6.36 min Scan# 591

Delta R.T. -0.21 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

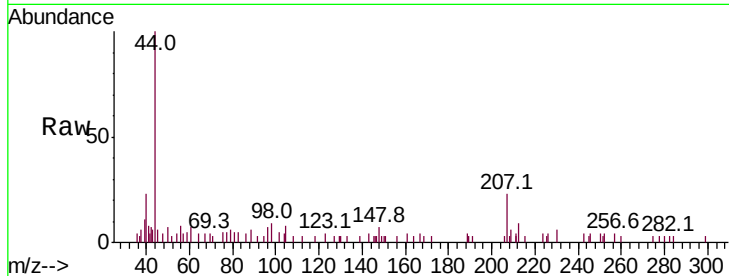
Tot Ion: 83 Resp: 201

Ion Ratio Lower Upper

83 100

85 0.0 52.0 78.0#

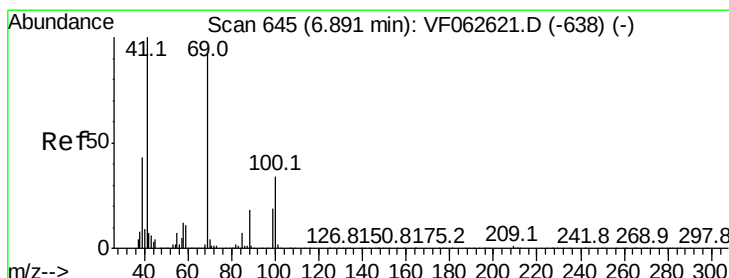
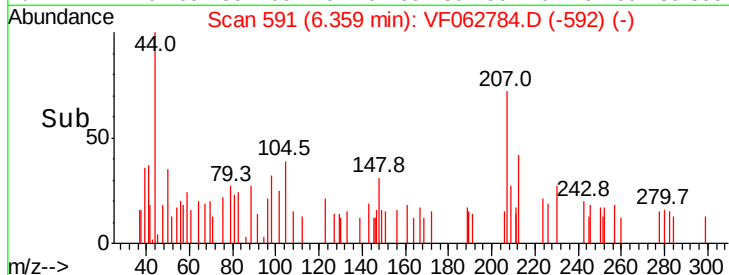
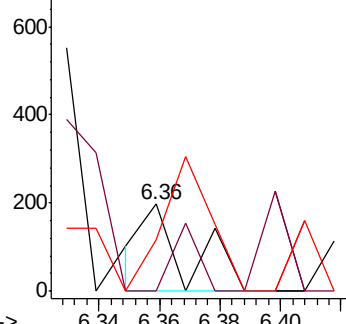
127 59.9 7.7 11.5#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): VF0



#48

Methyl methacrylate

Concen: 400.445 ug/l

RT: 6.67 min Scan# 623

Delta R.T. -0.22 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

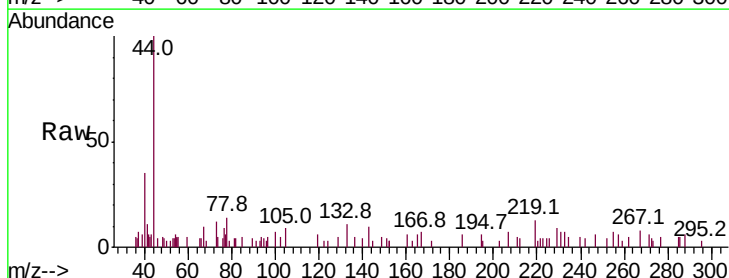
Tgt Ion: 41 Resp: 388

Ion Ratio Lower Upper

41 100

69 0.0 74.2 111.2#

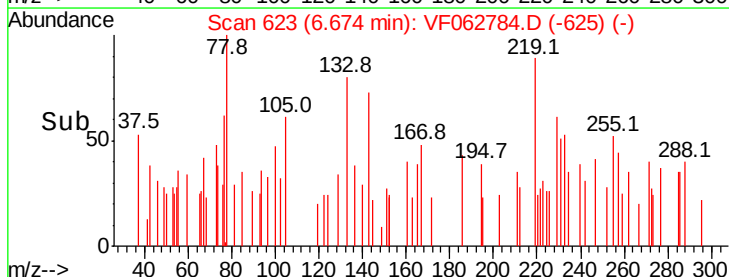
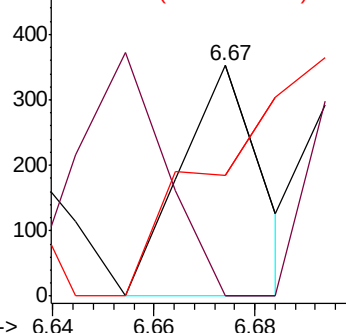
39 52.6 34.2 51.4#

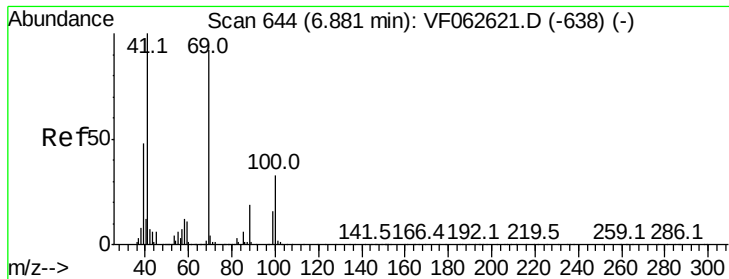


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 14746.322 ug/l

RT: 6.66 min Scan# 622

Delta R.T. -0.22 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

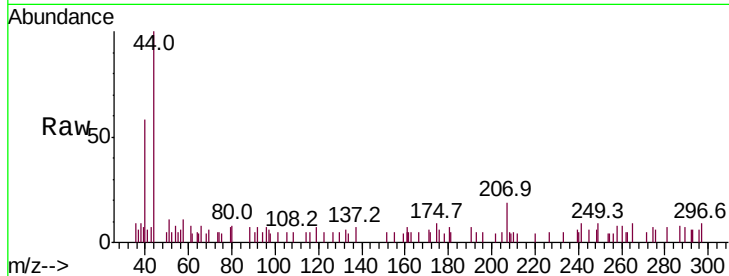
Tot Ion: 88 Resp: 183

Ion Ratio Lower Upper

88 100

43 0.0 30.0 45.0#

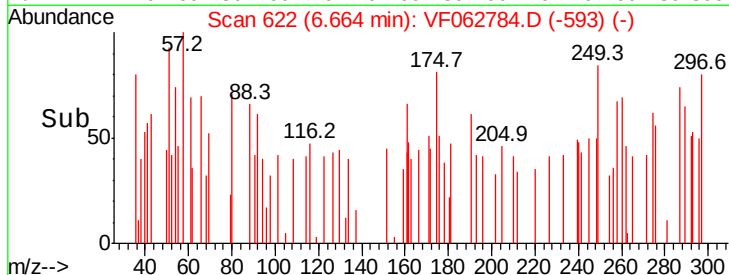
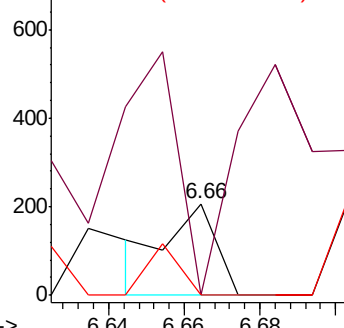
58 0.0 51.1 76.7#



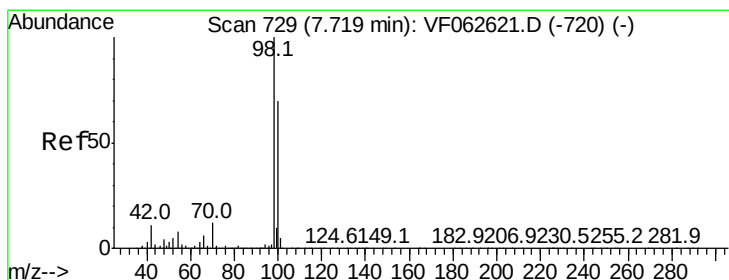
Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->



#50

Toluene-d8

Concen: 12.323 ug/l

RT: 7.48 min Scan# 705

Delta R.T. -0.24 min

Lab File: VF062784.D

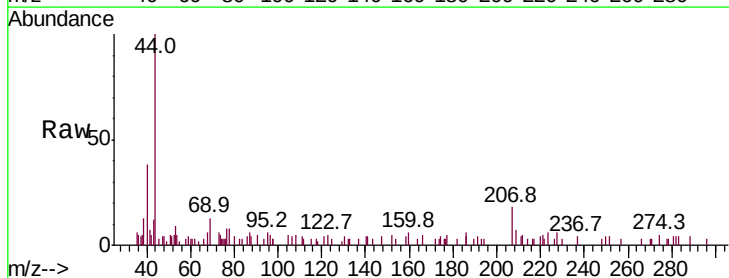
Acq: 29 May 2019 16:18

Tgt Ion: 98 Resp: 77

Ion Ratio Lower Upper

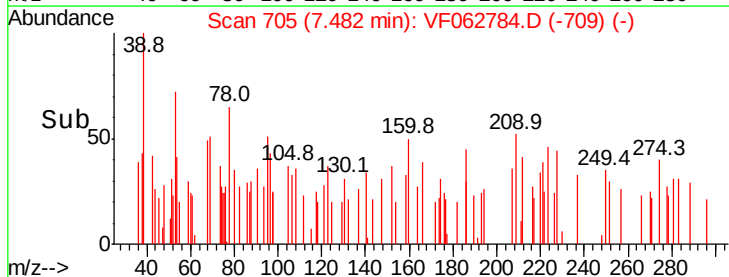
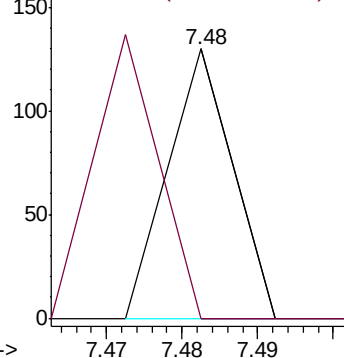
98 100

100 0.0 56.2 84.2#

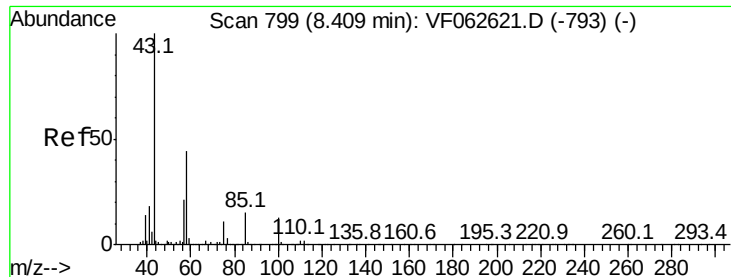


Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



Time-->



#51

4-Methyl-2-Pentanone

Concen: 1266.665 ug/l

RT: 8.13 min Scan# 771

Delta R.T. -0.28 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

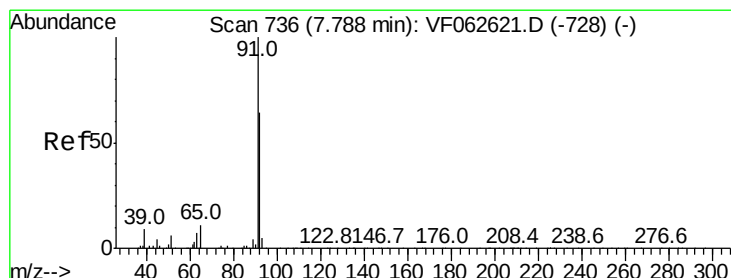
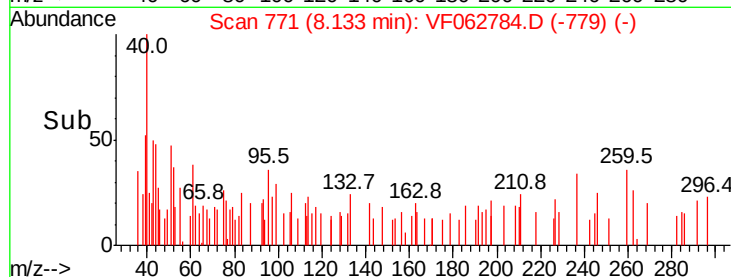
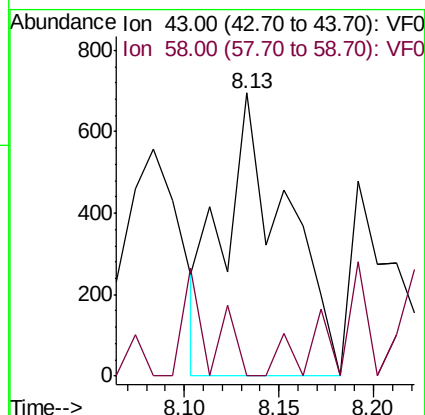
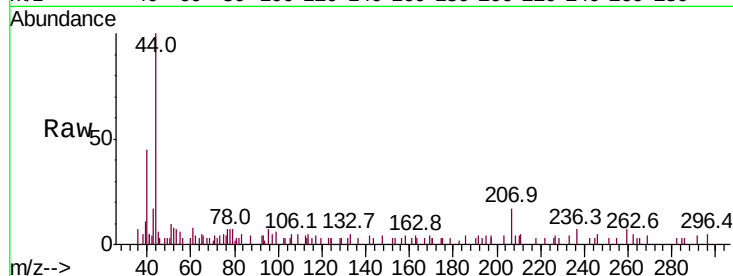
TEST-PIT-2RE

Tot Ion: 43 Resp: 1605

Ion Ratio Lower Upper

43 100

58 0.0 34.9 52.3#



#52

Toluene

Concen: 39.146 ug/l

RT: 7.60 min Scan# 717

Delta R.T. -0.19 min

Lab File: VF062784.D

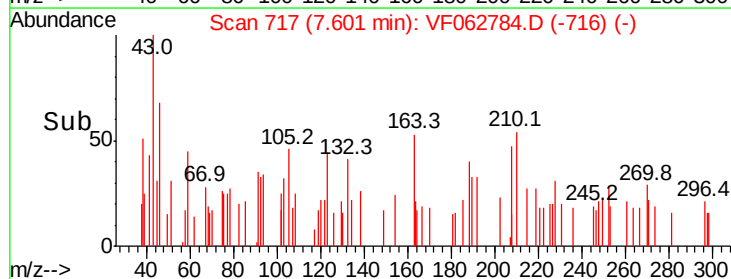
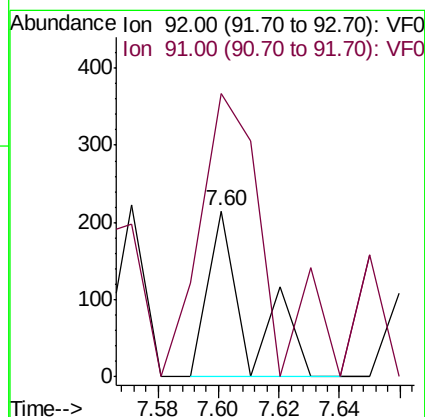
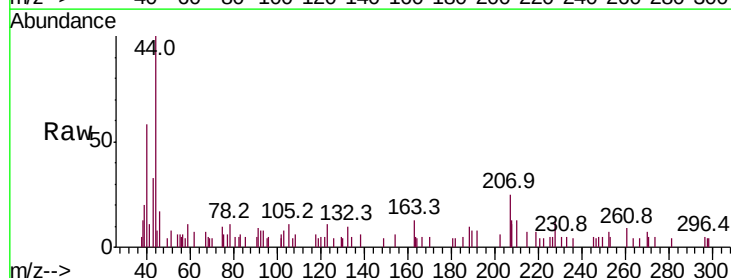
Acq: 29 May 2019 16:18

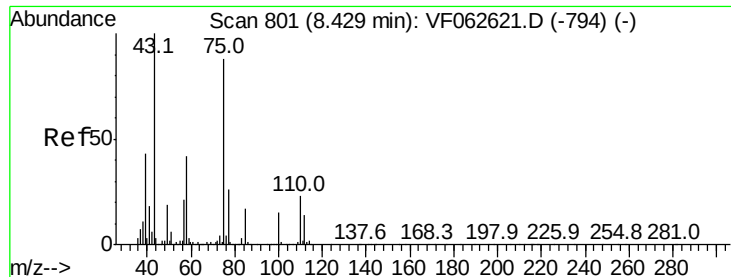
Tgt Ion: 92 Resp: 196

Ion Ratio Lower Upper

92 100

91 170.7 125.4 188.0





#53

t-1,3-Dichloropropene

Concen: 213.055 ug/l

RT: 8.13 min Scan# 771

Delta R.T. -0.30 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

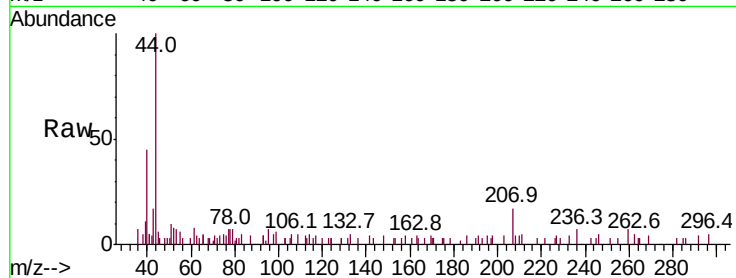
TEST-PIT-2RE

Tot Ion: 75 Resp: 504

Ion Ratio Lower Upper

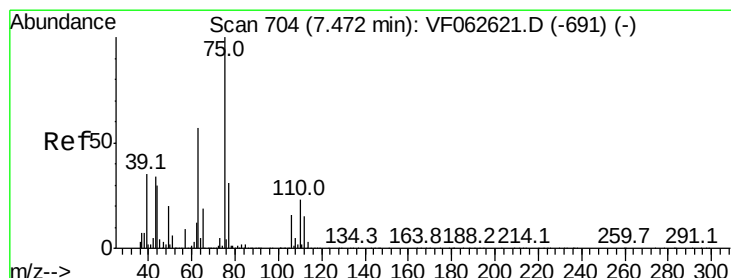
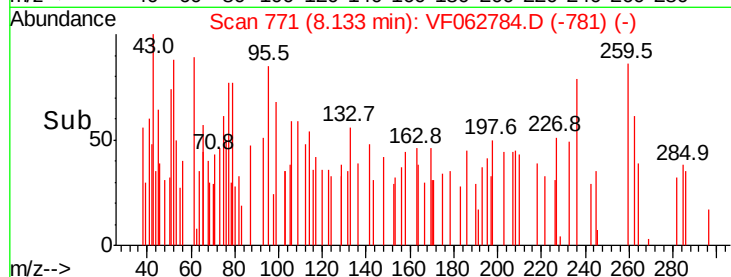
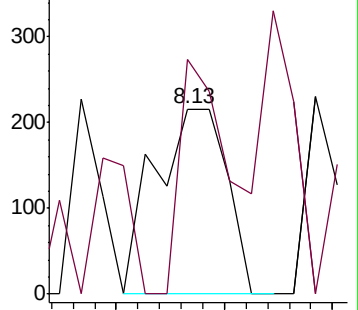
75 100

77 126.4 24.2 36.4#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#54

cis-1,3-Dichloropropene

Concen: 95.125 ug/l

RT: 7.25 min Scan# 681

Delta R.T. -0.23 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

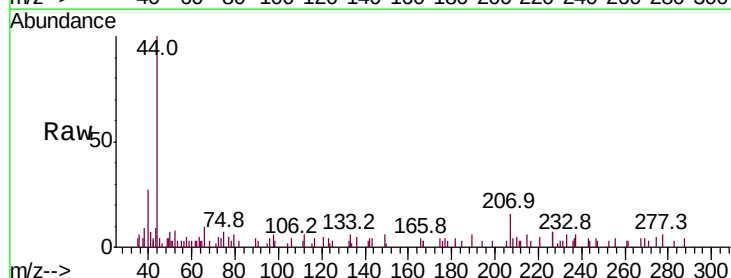
Tgt Ion: 75 Resp: 315

Ion Ratio Lower Upper

75 100

77 67.8 25.3 37.9#

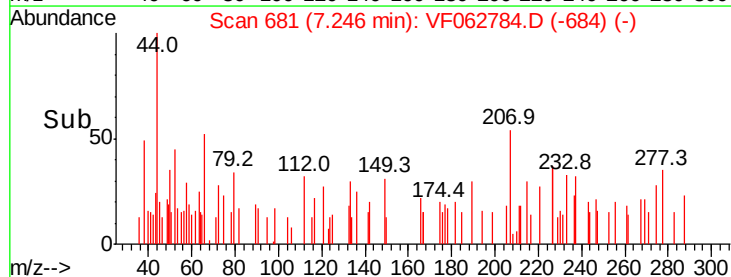
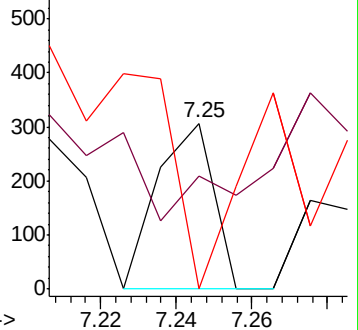
39 0.0 28.2 42.2#

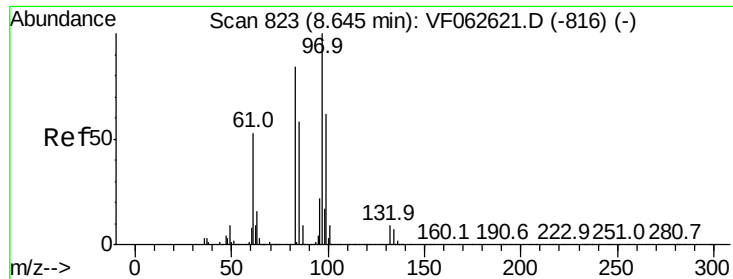


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 100.507 ug/l

RT: 8.45 min Scan# 803

Delta R.T. -0.20 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

Tot Ion: 97 Resp: 149

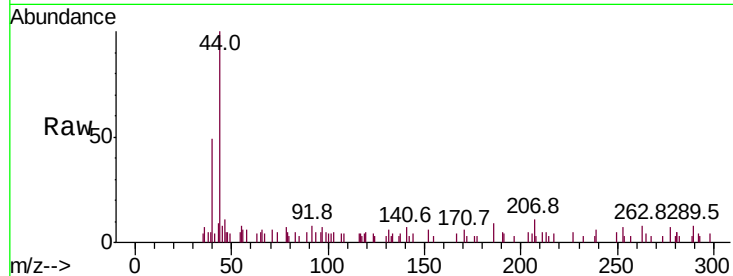
Ion Ratio Lower Upper

97 100

83 77.8 67.3 100.9

85 49.2 46.6 69.8

99 71.0 49.7 74.5

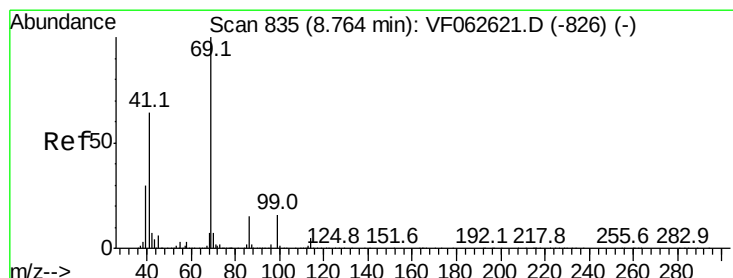
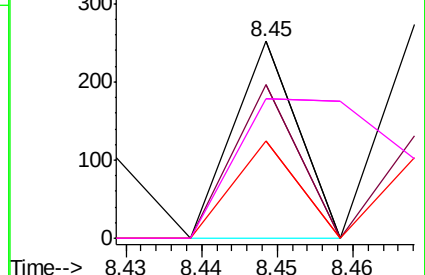
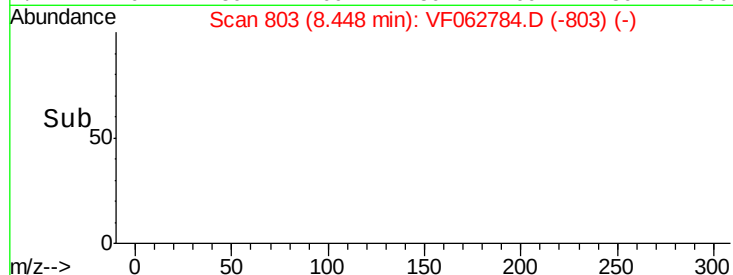


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 92.855 ug/l

RT: 8.54 min Scan# 812

Delta R.T. -0.23 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

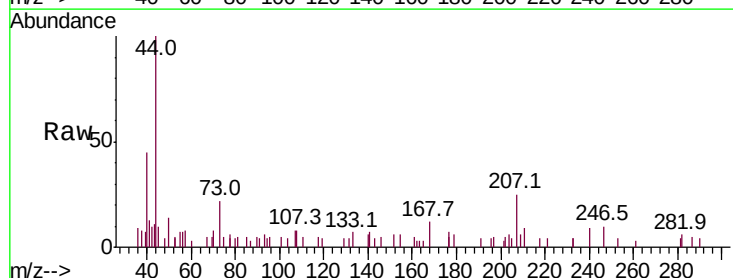
Tgt Ion: 69 Resp: 164

Ion Ratio Lower Upper

69 100

41 264.3 51.4 77.2#

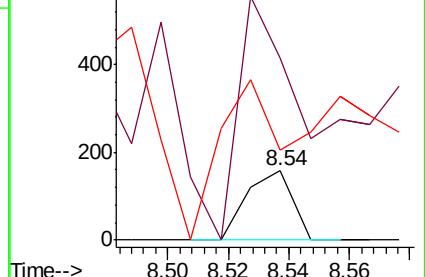
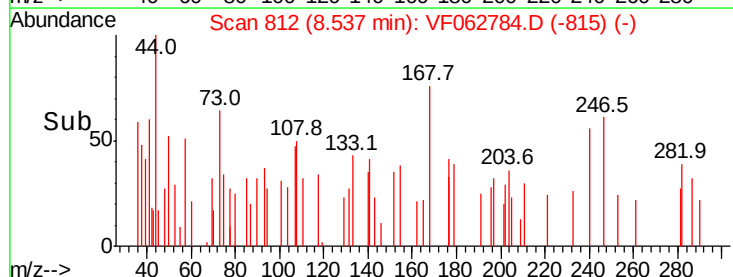
39 129.9 23.6 35.4#

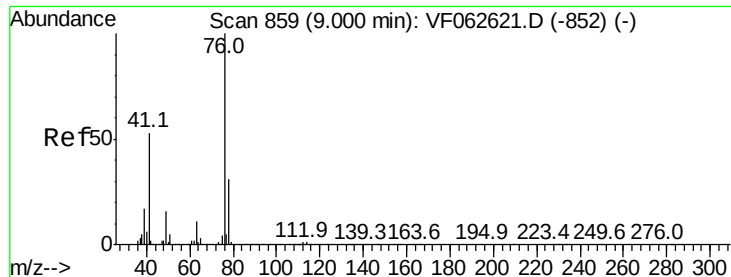


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 229.693 ug/l

RT: 8.70 min Scan# 829

Delta R.T. -0.30 min

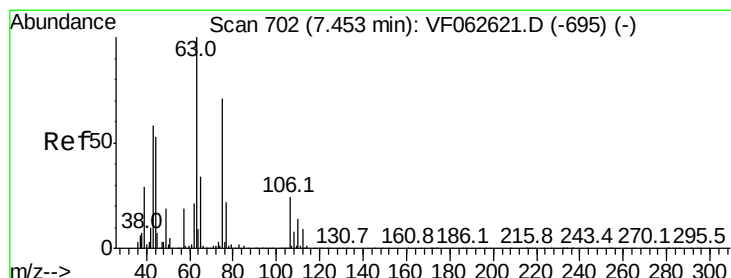
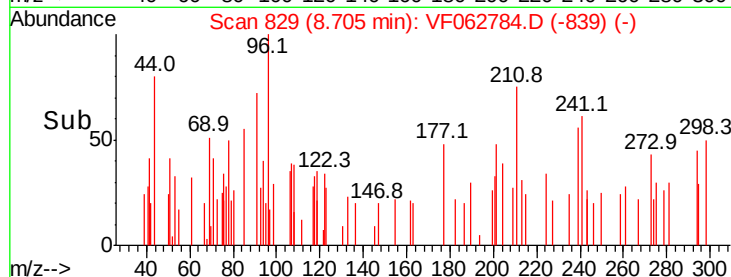
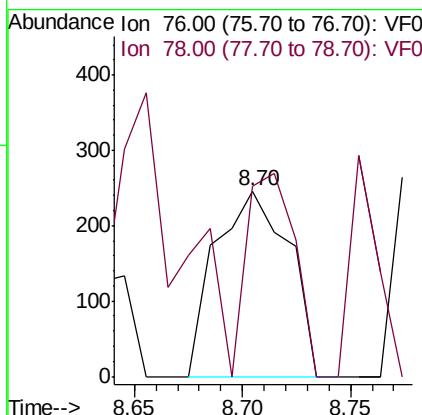
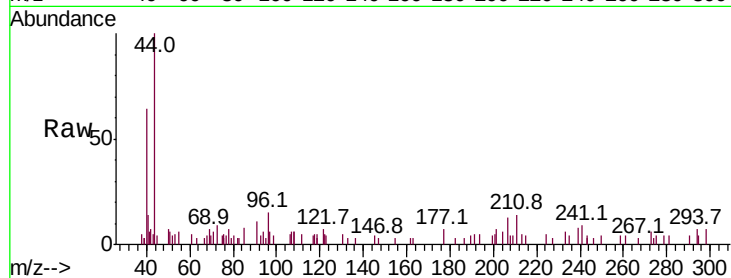
Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-2RE

Tot Ion: 76 Resp: 580

Ion	Ratio	Lower	Upper
76	100		
78	102.8	25.4	38.0#



#58

2-Chloroethyl Vinyl ether

Concen: 840.153 ug/l

RT: 7.24 min Scan# 680

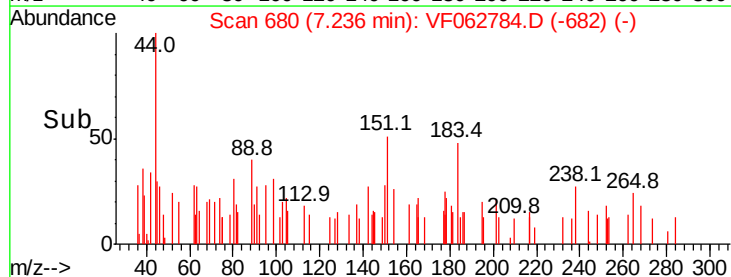
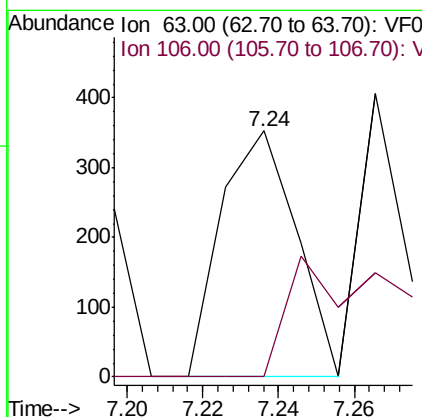
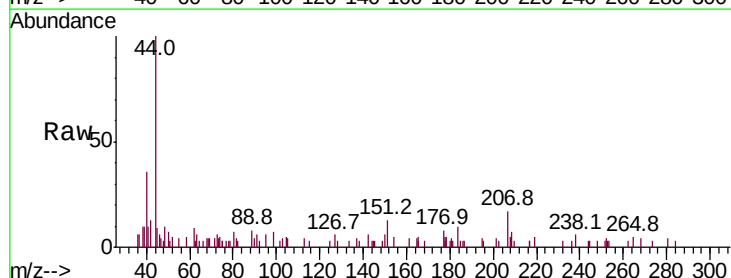
Delta R.T. -0.22 min

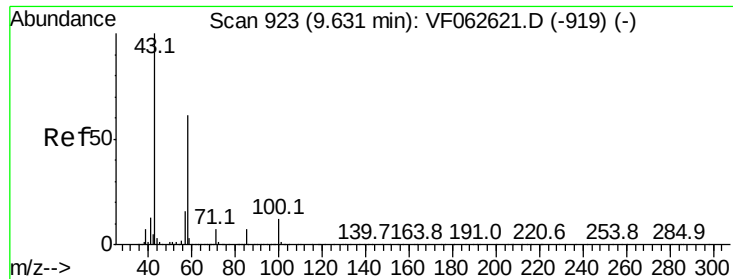
Lab File: VF062784.D

Acq: 29 May 2019 16:18

Tgt Ion: 63 Resp: 483

Ion	Ratio	Lower	Upper
63	100		
106	0.0	19.1	28.7#

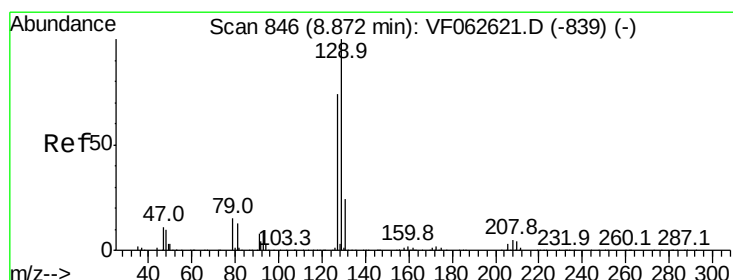
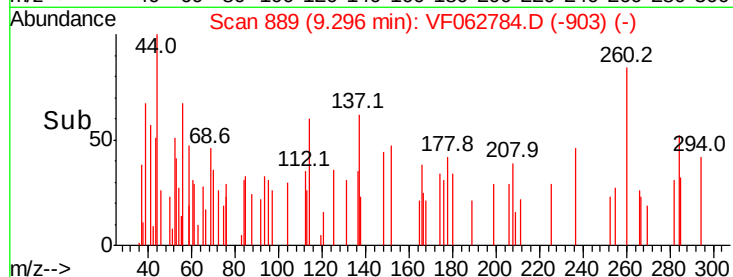
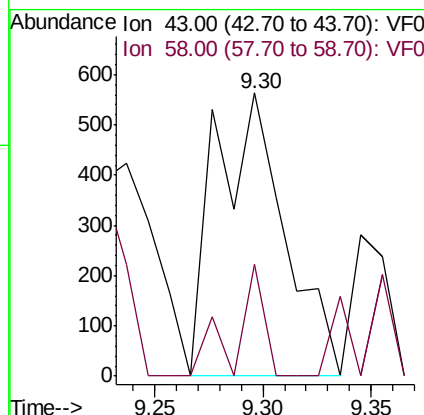
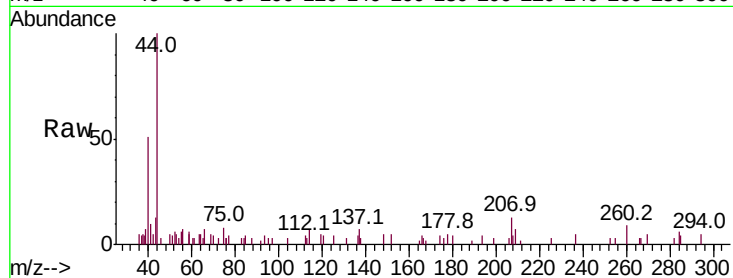




#59
2-Hexanone
Concen: 1622.626 ug/l
RT: 9.30 min Scan# 889
Delta R.T. -0.33 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

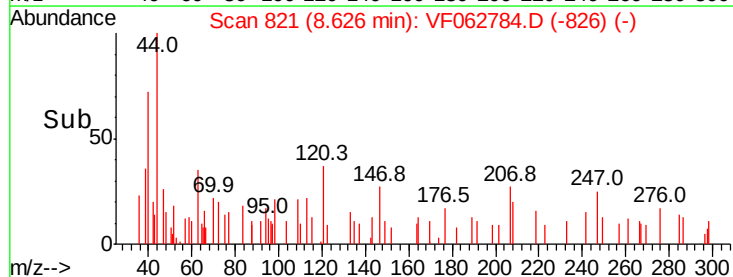
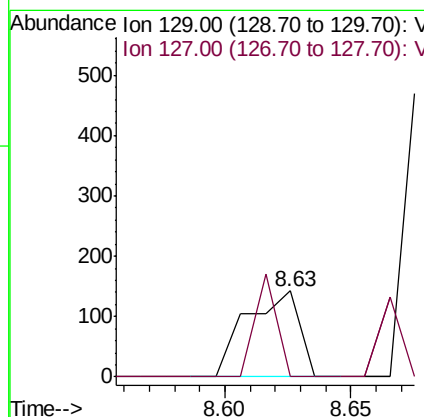
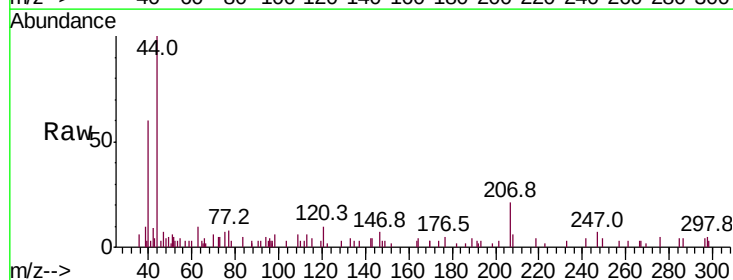
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-2RE

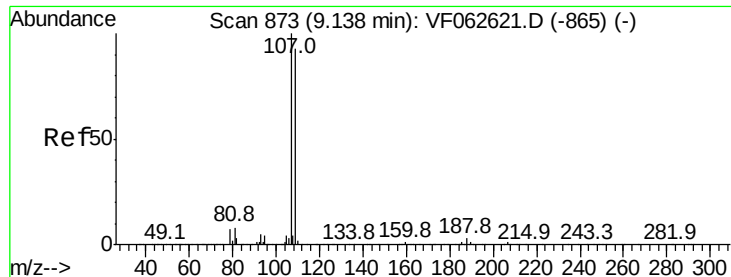
Tot Ion: 43 Resp: 1257
Ion Ratio Lower Upper
43 100
58 39.6 28.1 84.4



#60
Dibromochloromethane
Concen: 107.652 ug/l
RT: 8.63 min Scan# 821
Delta R.T. -0.25 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Tgt Ion:129 Resp: 208
Ion Ratio Lower Upper
129 100
127 0.0 37.2 111.6#





#61

1,2-Dibromoethane

Concen: 66.683 ug/l

RT: 8.82 min Scan# 841

Delta R.T. -0.32 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

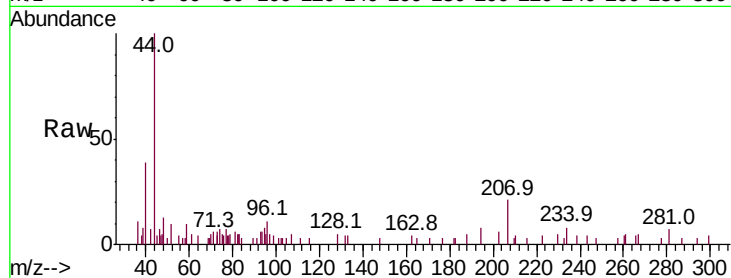
TEST-PIT-2RE

Tot Ion:107 Resp: 105

Ion Ratio Lower Upper

107 100

109 0.0 74.8 112.2#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.82

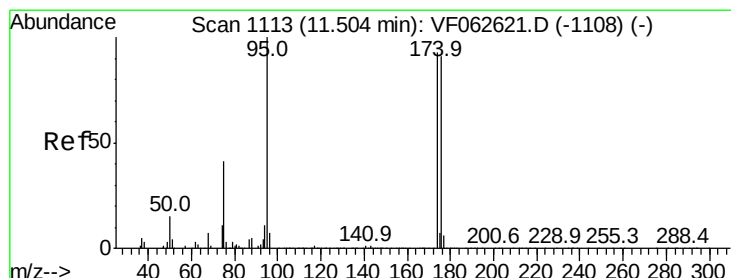
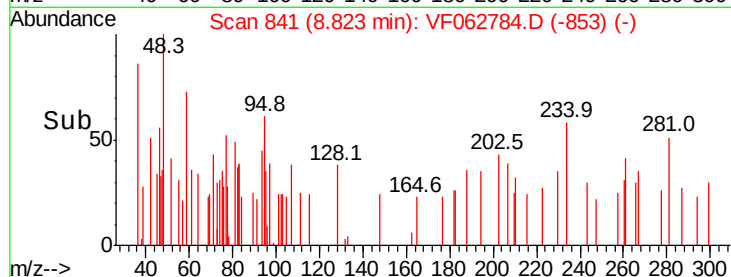
150

100

50

0

Time--> 8.80 8.82 8.84



#62

4-Bromofluorobenzene

Concen: 131.656 ug/l

RT: 11.13 min Scan# 1075

Delta R.T. -0.37 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

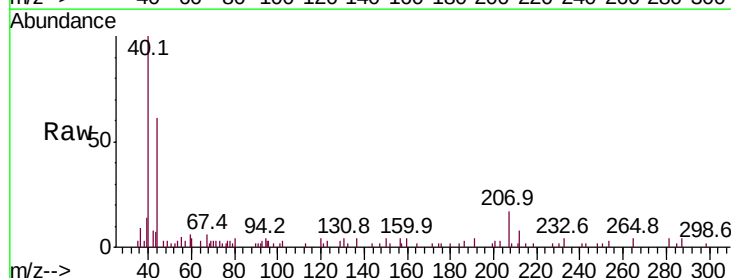
Tgt Ion: 95 Resp: 312

Ion Ratio Lower Upper

95 100

174 44.4 0.0 185.6

176 41.5 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

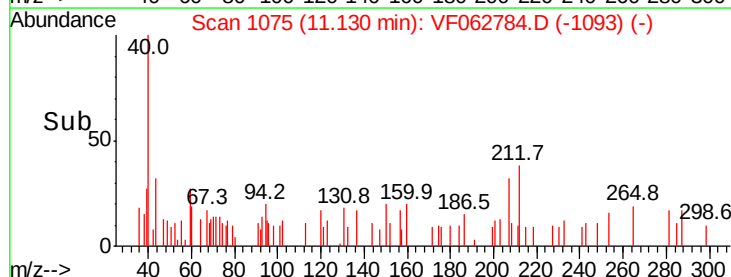
300

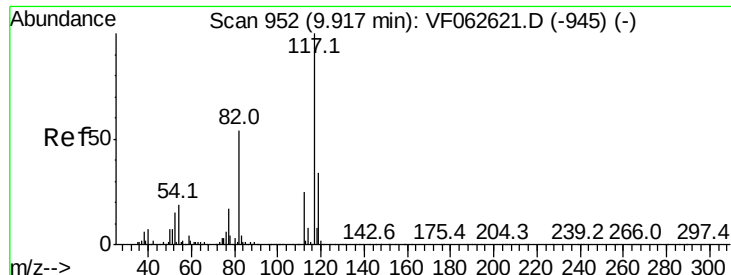
200

100

0

Time--> 11.10 11.15

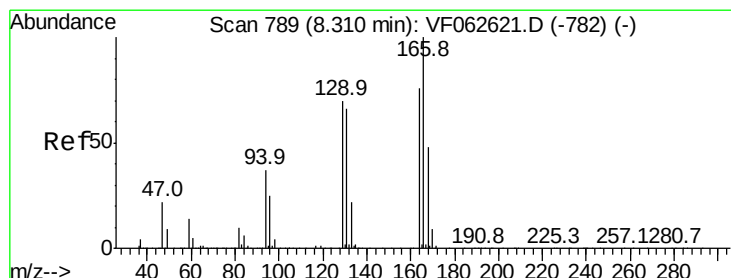
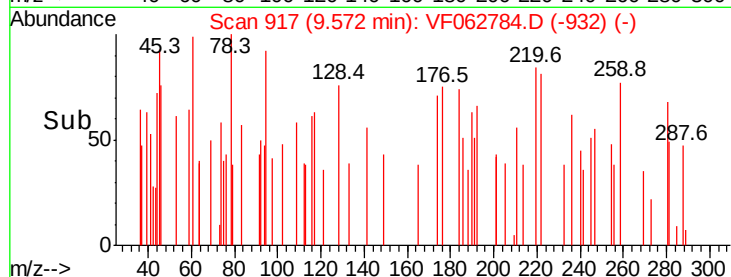
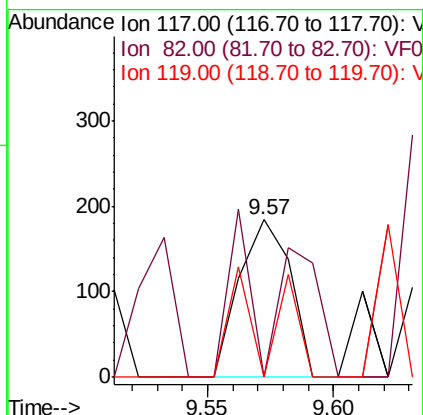
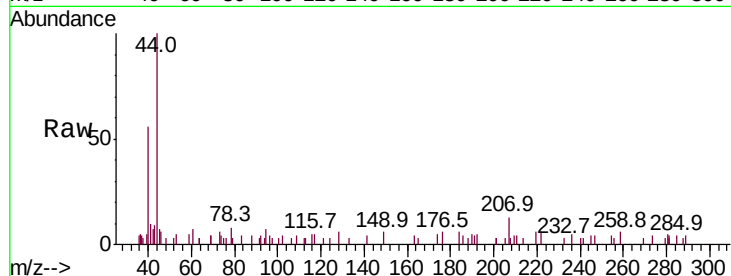




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.57 min Scan# 917
Delta R.T. -0.34 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

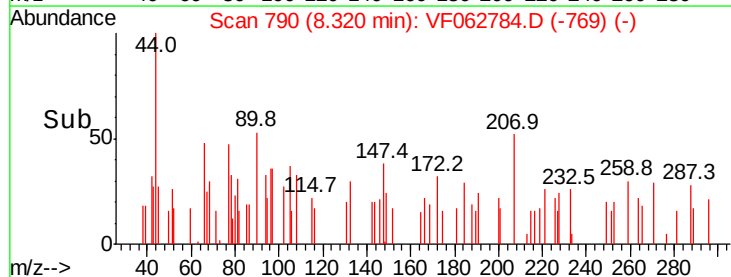
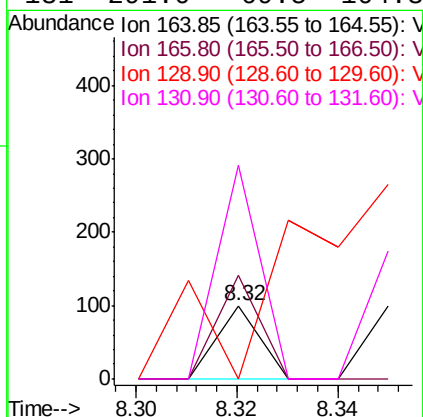
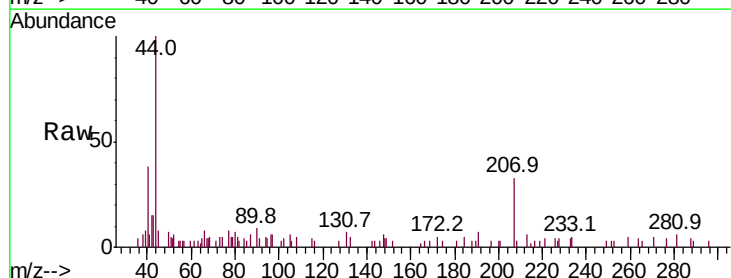
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-2RE

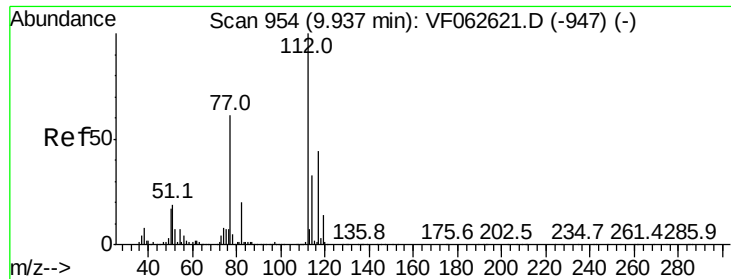
Tot Ion:117 Resp: 258
Ion Ratio Lower Upper
117 100
82 0.0 43.3 64.9#
119 0.0 27.4 41.0#



#64
Tetrachloroethene
Concen: 28.866 ug/l
RT: 8.32 min Scan# 790
Delta R.T. 0.01 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Tgt Ion:164 Resp: 59
Ion Ratio Lower Upper
164 100
166 142.0 105.5 158.3
129 0.0 73.8 110.6#
131 291.0 69.5 104.3#

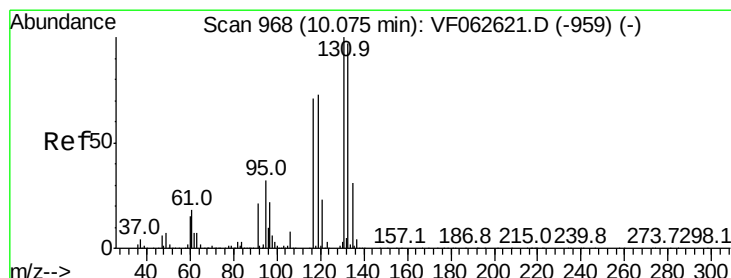
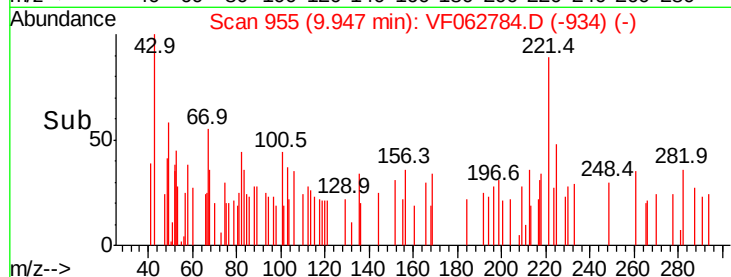
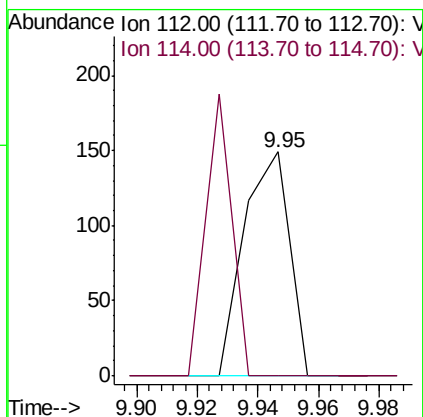
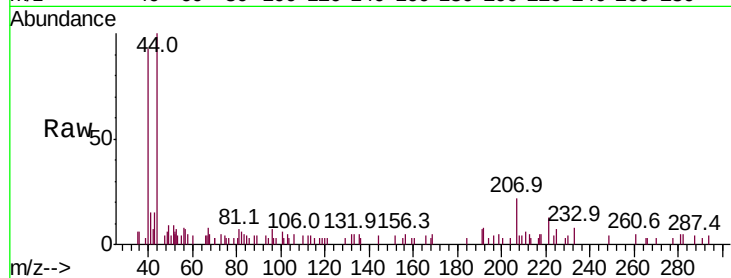




#65
Chlorobenzene
Concen: 30.983 ug/l
RT: 9.95 min Scan# 955
Delta R.T. 0.01 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

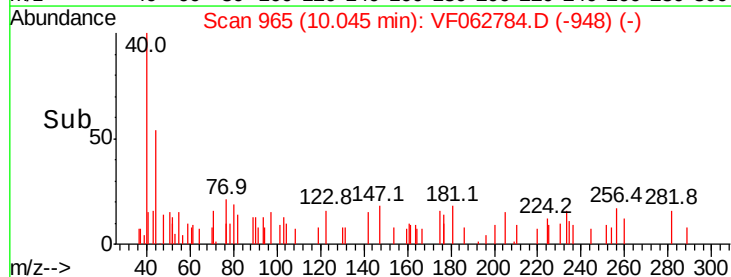
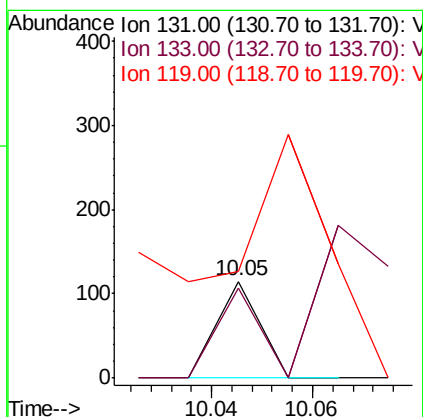
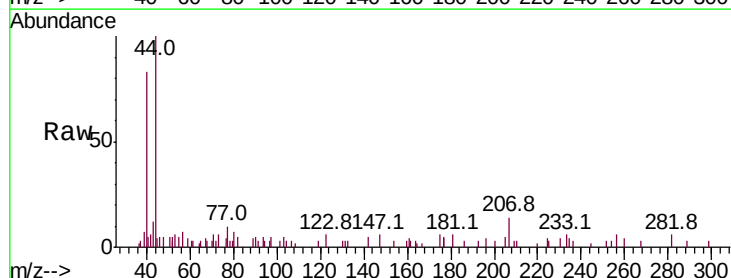
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-2RE

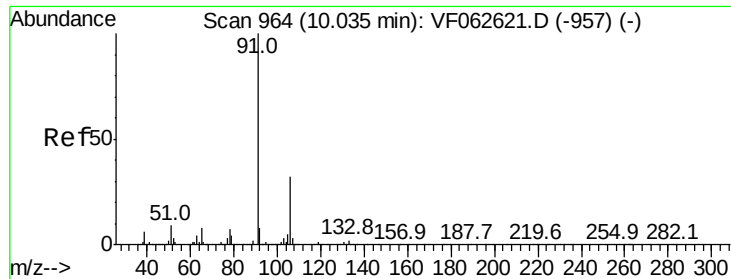
Tot Ion:112 Resp: 157
Ion Ratio Lower Upper
112 100
114 0.0 26.8 40.2#



#66
1,1,1,2-Tetrachloroethane
Concen: 33.427 ug/l
RT: 10.05 min Scan# 965
Delta R.T. -0.03 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Tgt Ion:131 Resp: 68
Ion Ratio Lower Upper
131 100
133 93.0 48.5 145.5
119 109.6 36.8 110.4





#67

Ethyl Benzene

Concen: 7.838 ug/l

RT: 10.05 min Scan# 965

Delta R.T. 0.01 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

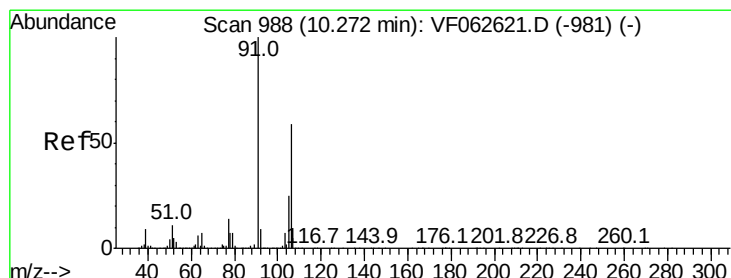
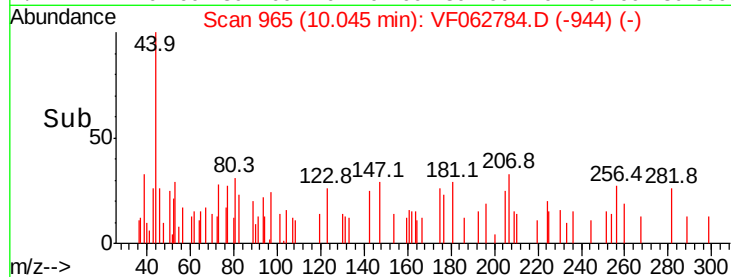
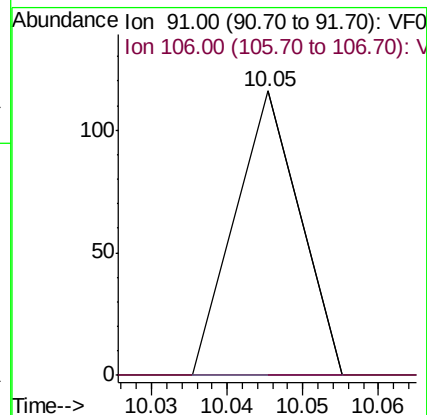
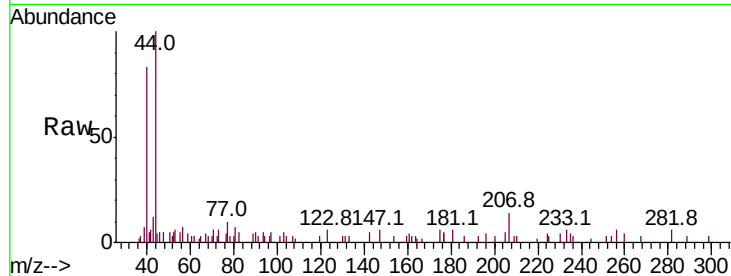
TEST-PIT-2RE

Tot Ion: 91 Resp: 69

Ion Ratio Lower Upper

91 100

106 0.0 25.8 38.8#



#68

m/p-Xylenes

Concen: 29.620 ug/l

RT: 10.22 min Scan# 983

Delta R.T. -0.05 min

Lab File: VF062784.D

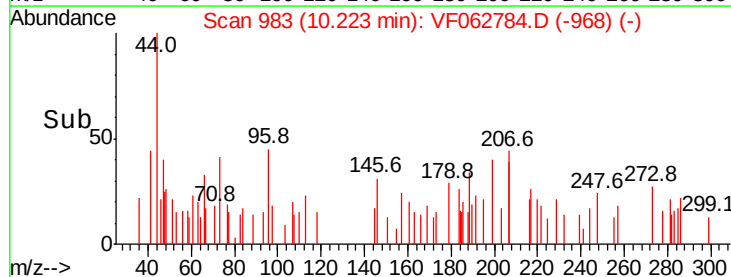
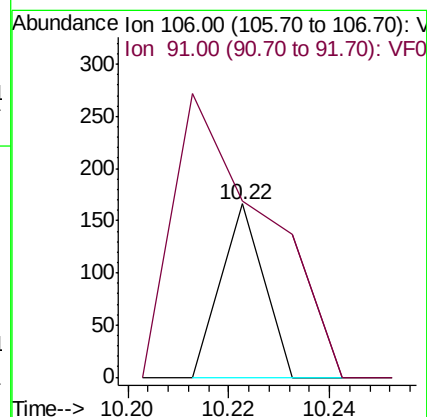
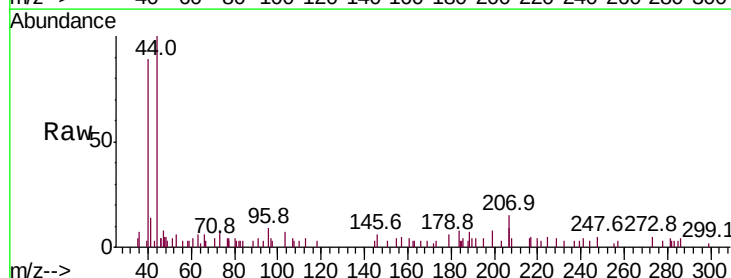
Acq: 29 May 2019 16:18

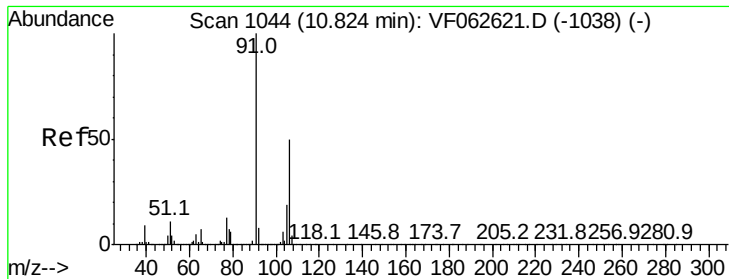
Tgt Ion: 106 Resp: 98

Ion Ratio Lower Upper

106 100

91 101.8 136.9 205.3#

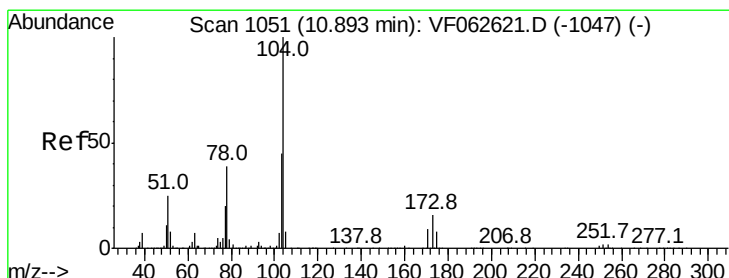
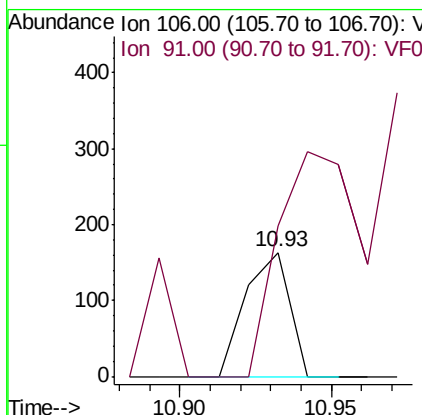
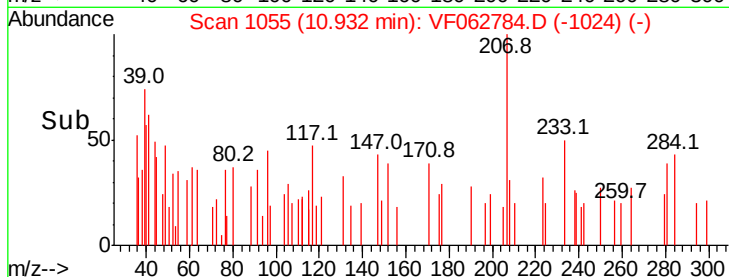
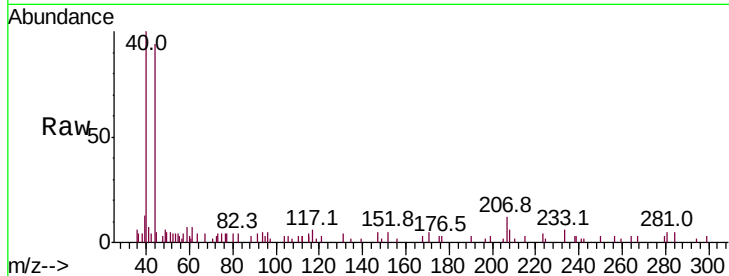




#69
o-Xylene
Concen: 49.004 ug/l
RT: 10.93 min Scan# 1055
Delta R.T. 0.11 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

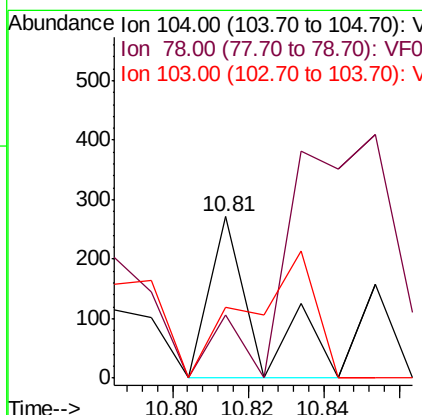
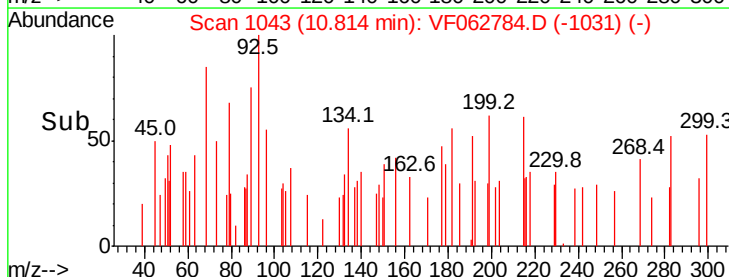
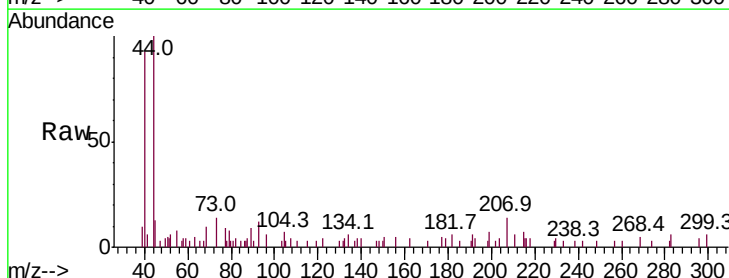
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-2RE

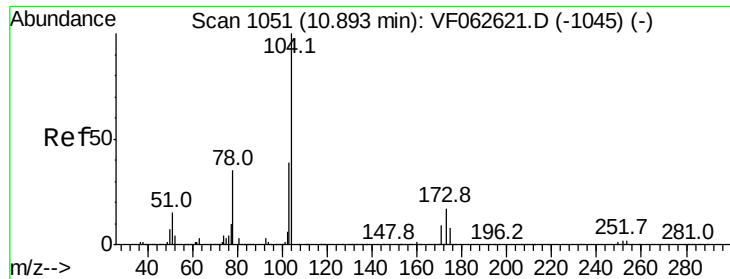
Tot Ion:106 Resp: 167
Ion Ratio Lower Upper
106 100
91 121.5 100.2 300.5



#70
Styrene
Concen: 45.176 ug/l
RT: 10.81 min Scan# 1043
Delta R.T. -0.08 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Tgt Ion:104 Resp: 234
Ion Ratio Lower Upper
104 100
78 39.5 31.9 47.9
103 44.3 36.1 54.1





#71

Bromoform

Concen: 115.818 ug/l

RT: 10.92 min Scan# 1054

Delta R.T. 0.03 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

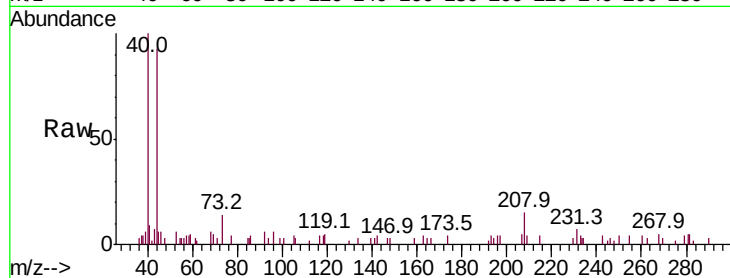
Tot Ion:173 Resp: 118

Ion Ratio Lower Upper

173 100

175 0.0 25.3 75.9#

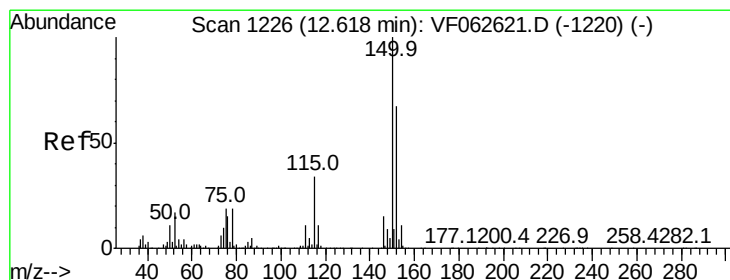
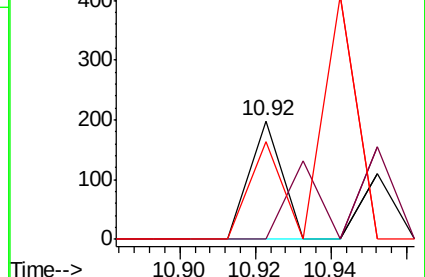
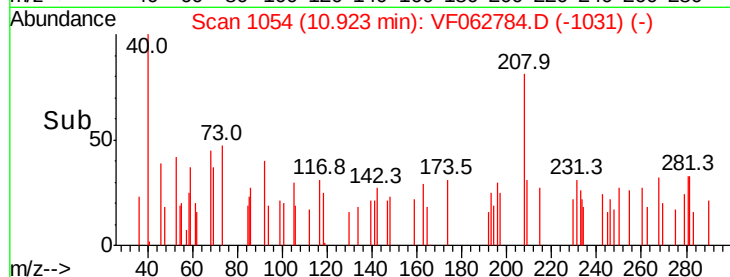
254 81.9 0.2 0.2#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.59 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

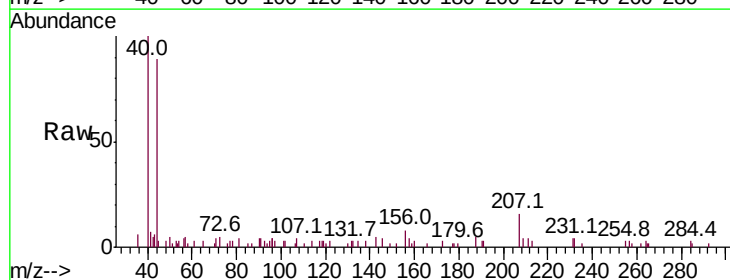
Tgt Ion:152 Resp: 64

Ion Ratio Lower Upper

152 100

115 0.0 25.2 75.6#

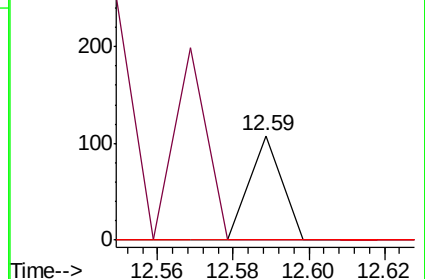
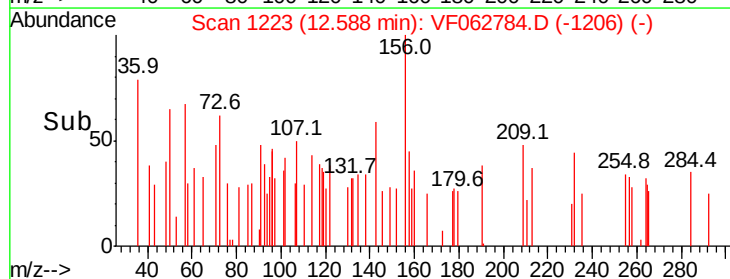
150 0.0 0.0 306.2

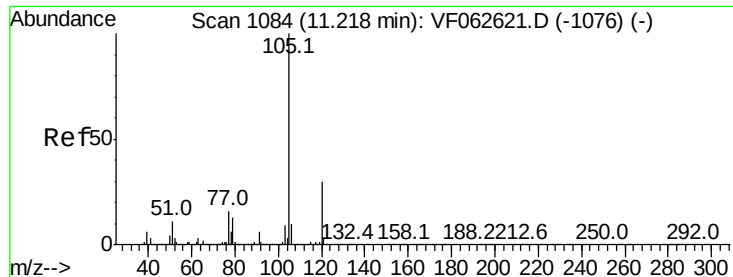


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 19.185 ug/l

RT: 11.24 min Scan# 1086

Delta R.T. 0.02 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

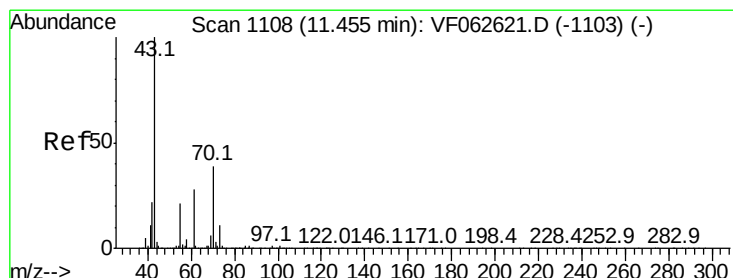
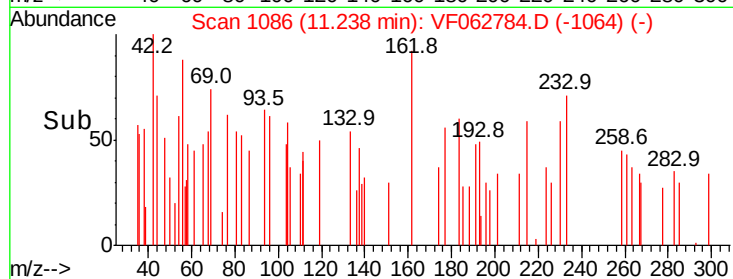
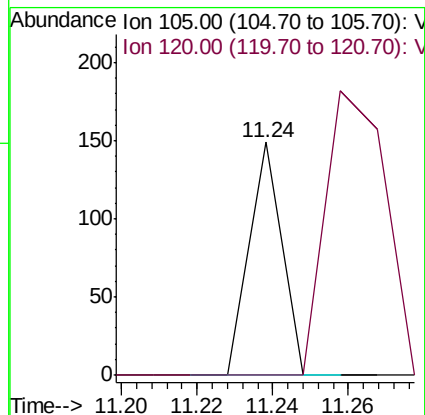
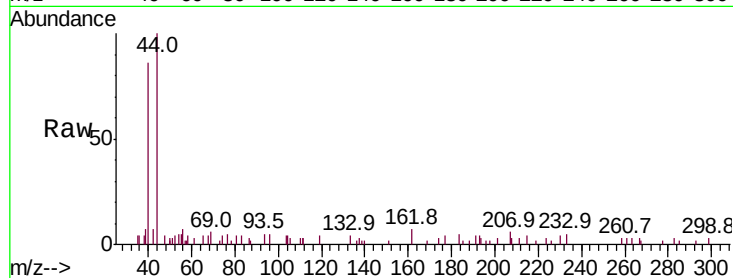
TEST-PIT-2RE

Tot Ion:105 Resp: 88

Ion Ratio Lower Upper

105 100

120 0.0 14.8 44.4#



#74

N-ethyl acetate

Concen: 1110.041 ug/l

RT: 11.47 min Scan# 1110

Delta R.T. 0.02 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Tgt Ion: 43 Resp: 1162

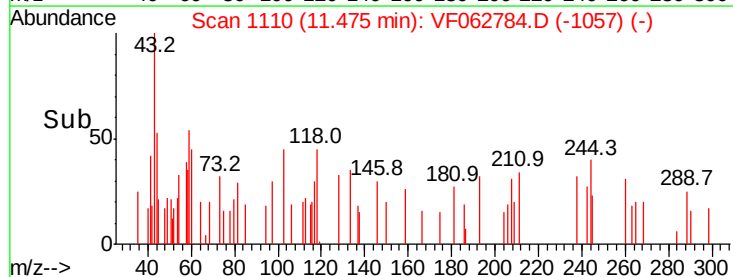
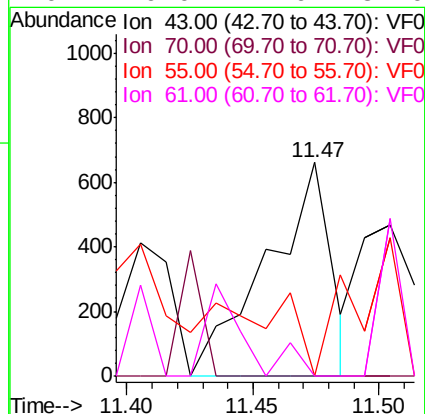
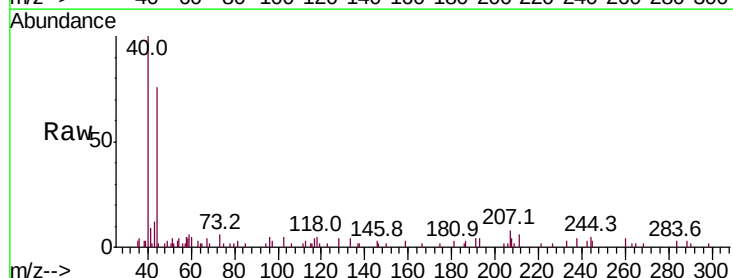
Ion Ratio Lower Upper

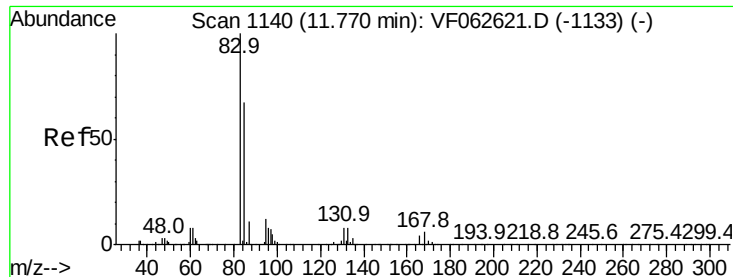
43 100

70 0.0 30.9 46.3#

55 0.0 17.0 25.4#

61 0.0 22.6 34.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 429.907 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.02 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

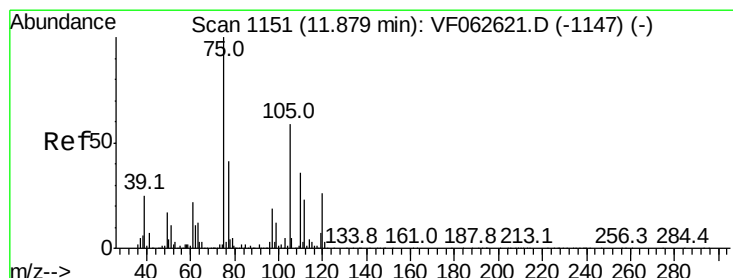
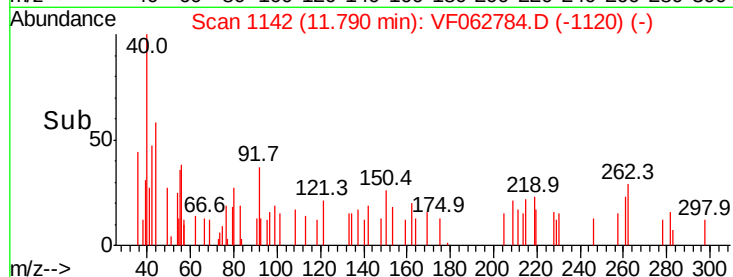
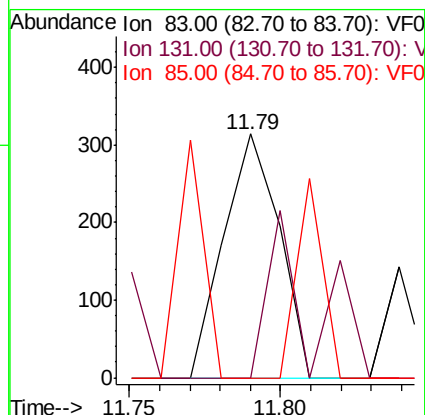
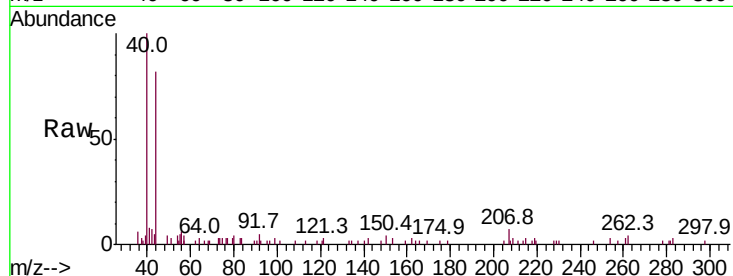
Tot Ion: 83 Resp: 403

Ion Ratio Lower Upper

83 100

131 0.0 4.0 12.0#

85 0.0 33.5 100.5#



#76

1,2,3-Trichloropropane

Concen: 214.307 ug/l

RT: 11.88 min Scan# 1151

Delta R.T. 0.00 min

Lab File: VF062784.D

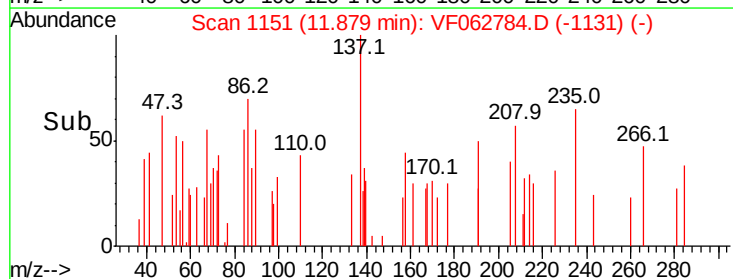
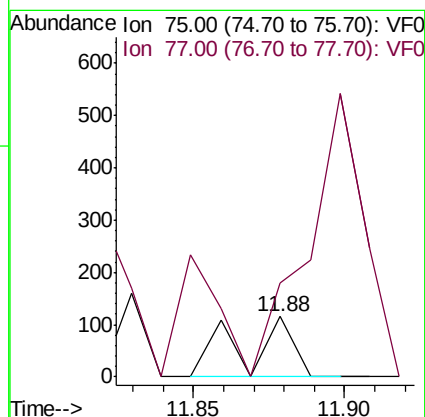
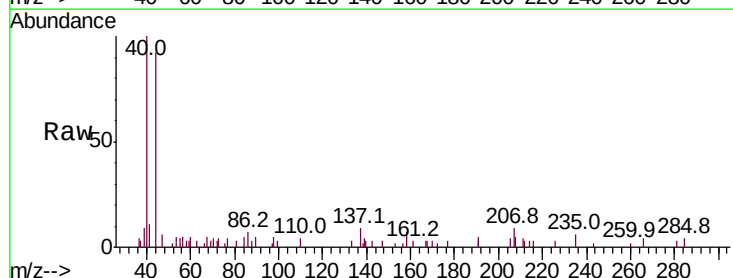
Acq: 29 May 2019 16:18

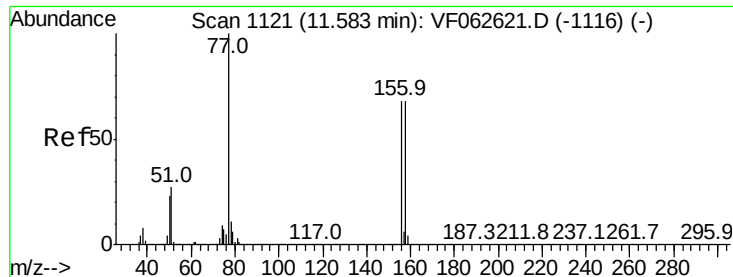
Tgt Ion: 75 Resp: 132

Ion Ratio Lower Upper

75 100

77 155.2 20.6 61.8#





#77

Bromobenzene

Concen: 141.206 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.09 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

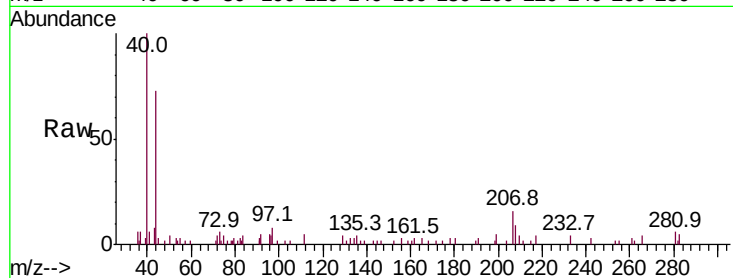
Tot Ion:156 Resp: 161

Ion Ratio Lower Upper

156 100

77 0.0 73.6 220.8#

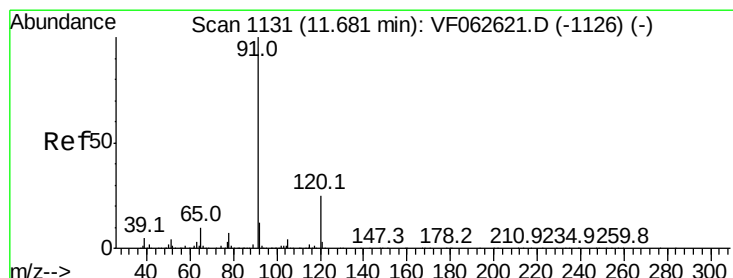
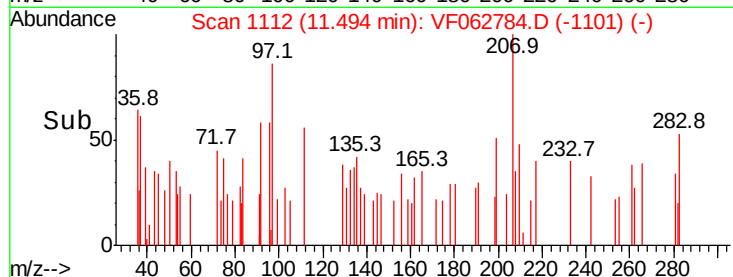
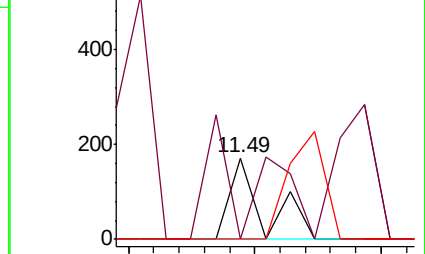
158 0.0 49.6 148.8#



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 46.605 ug/l

RT: 11.69 min Scan# 1132

Delta R.T. 0.01 min

Lab File: VF062784.D

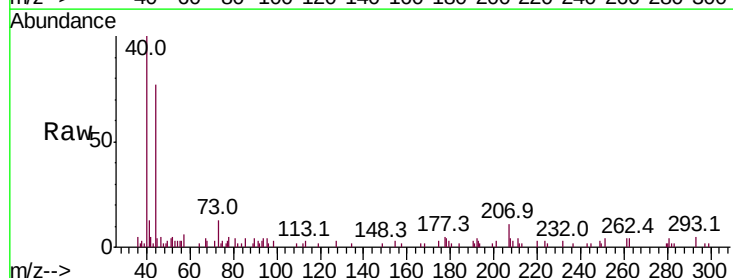
Acq: 29 May 2019 16:18

Tgt Ion: 91 Resp: 253

Ion Ratio Lower Upper

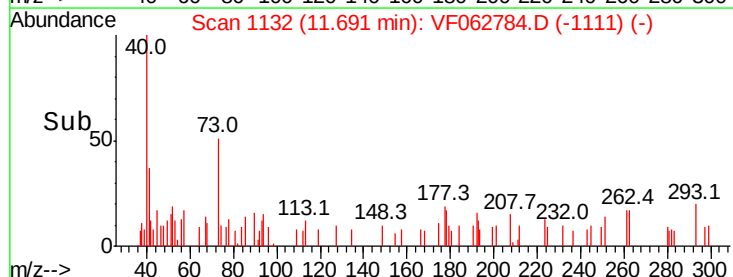
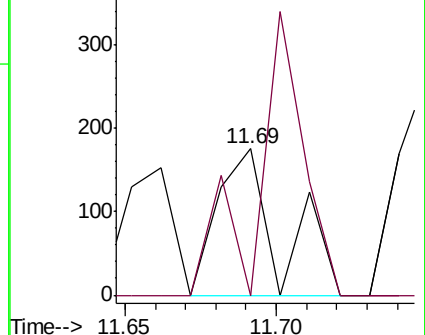
91 100

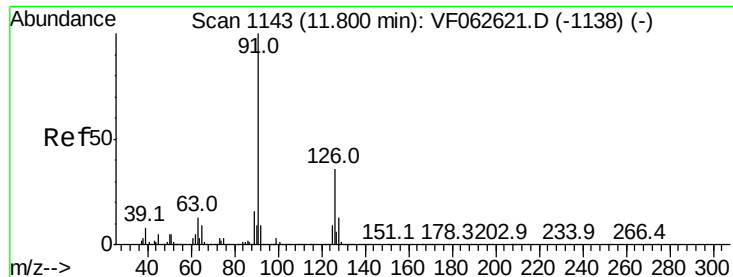
120 0.0 12.7 38.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

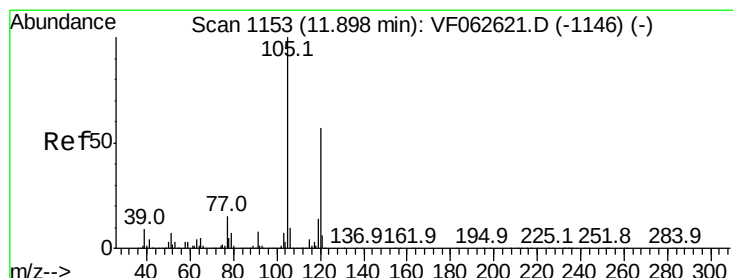
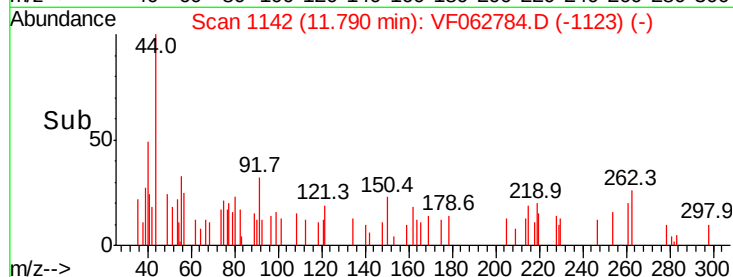
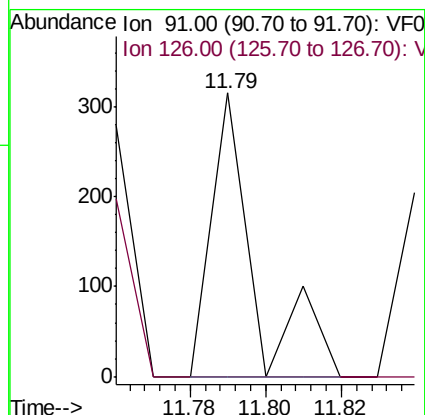
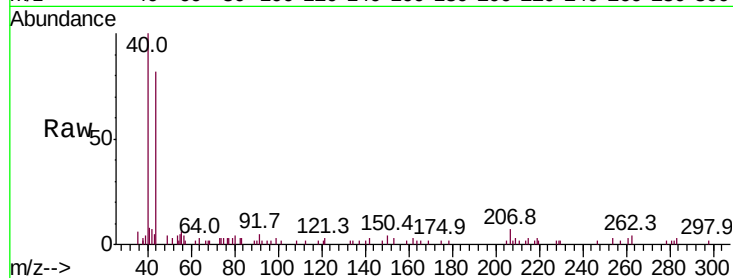




#79
2-Chlorotoluene
Concen: 80.083 ug/l
RT: 11.79 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

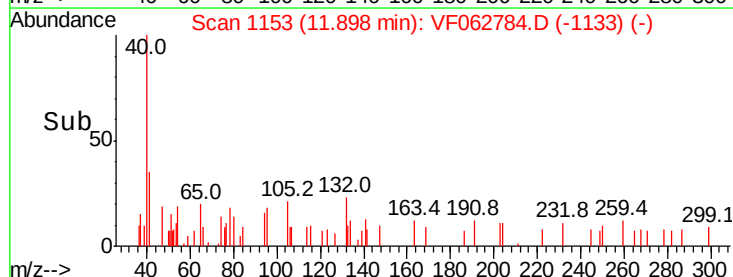
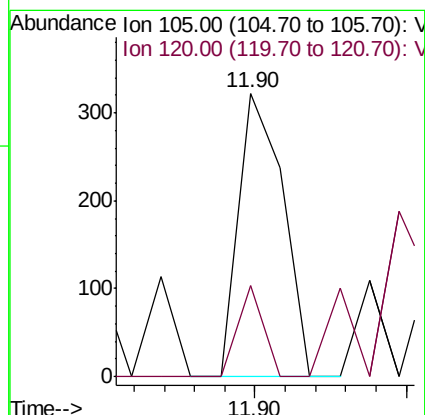
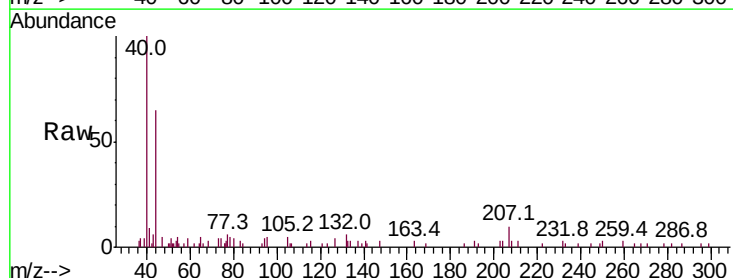
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-2RE

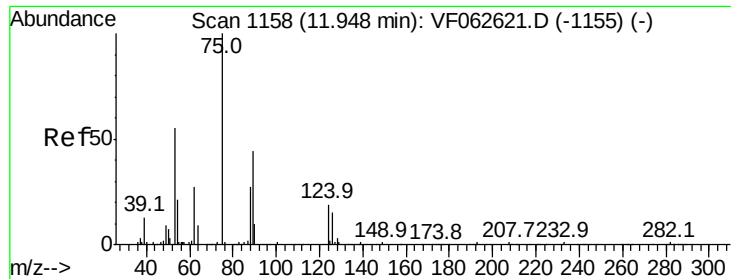
Tot Ion: 91 Resp: 245
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.4#



#80
1,3,5-Trimethylbenzene
Concen: 89.993 ug/l
RT: 11.90 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Tgt Ion:105 Resp: 331
Ion Ratio Lower Upper
105 100
120 32.0 28.7 86.3





#81

trans-1,4-Dichloro-2-butene

Concen: 2195.120 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. 0.00 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

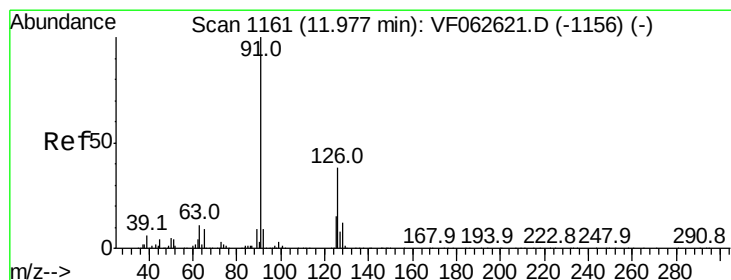
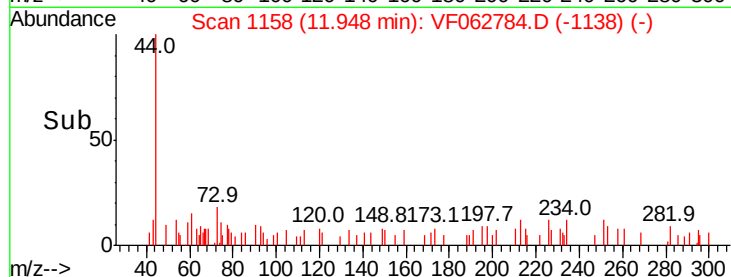
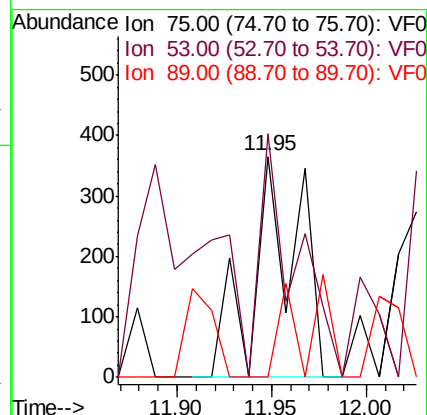
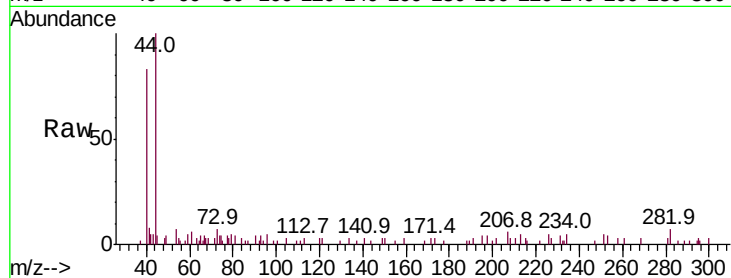
Tot Ion: 75 Resp: 601

Ion Ratio Lower Upper

75 100

53 110.4 46.9 70.3#

89 0.0 36.4 54.6#



#82

4-Chlorotoluene

Concen: 101.097 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. -0.01 min

Lab File: VF062784.D

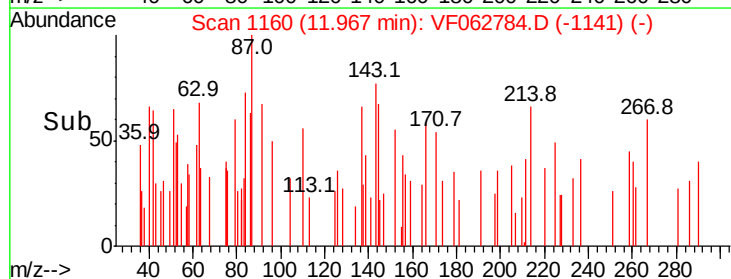
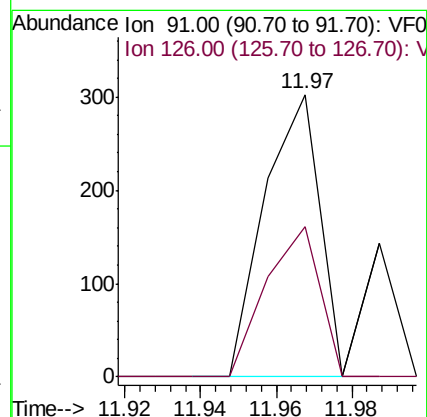
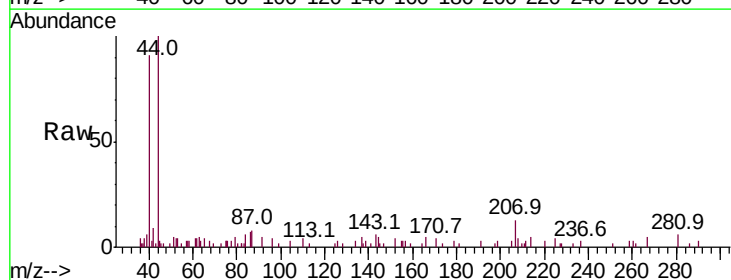
Acq: 29 May 2019 16:18

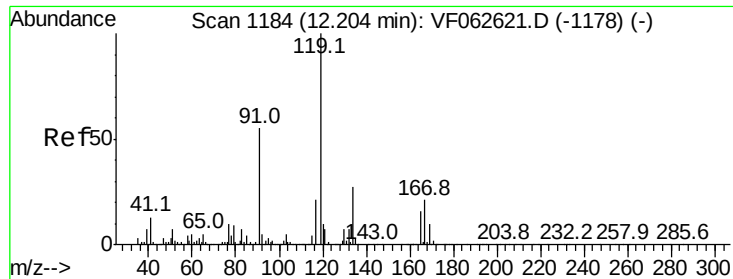
Tgt Ion: 91 Resp: 305

Ion Ratio Lower Upper

91 100

126 53.1 19.1 57.1





#83

tert-Butylbenzene

Concen: 44.485 ug/l

RT: 12.19 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

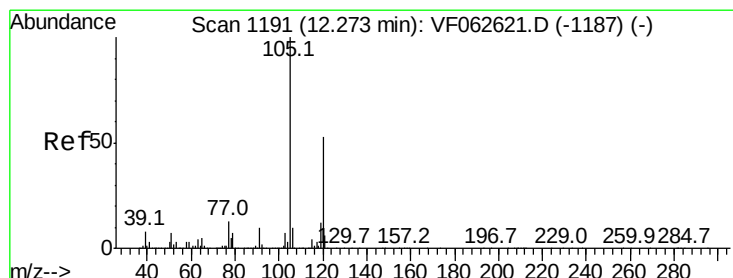
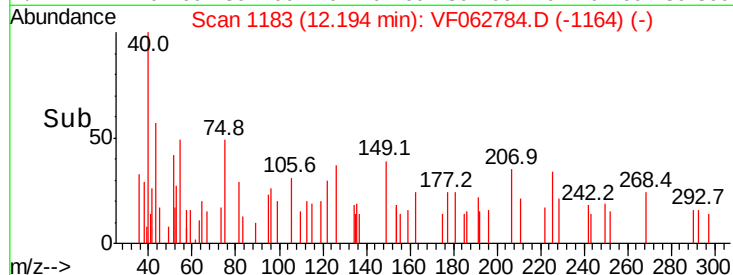
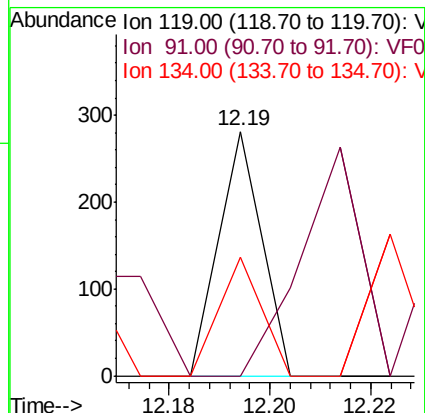
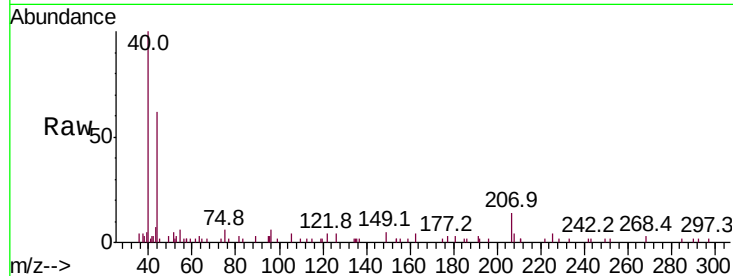
Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

Tot Ion:	119	Resp:	166
Ion	Ratio	Lower	Upper
119	100		
91	0.0	27.3	81.9#
134	48.4	13.6	40.7#



#84

1,2,4-Trimethylbenzene

Concen: 51.687 ug/l

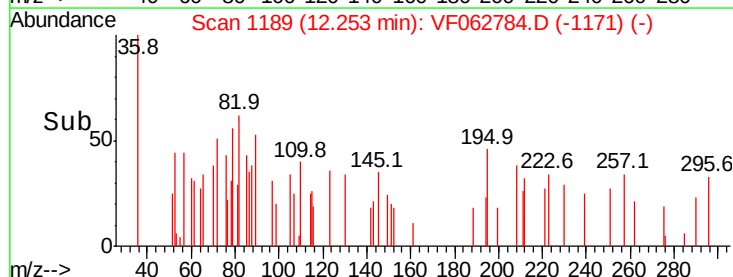
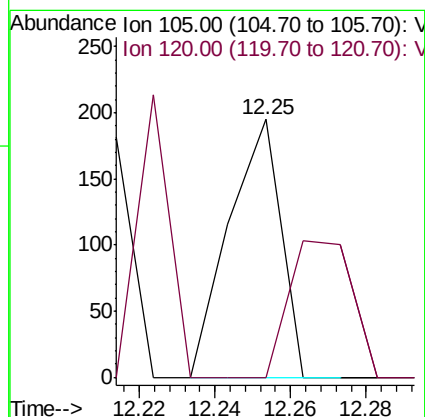
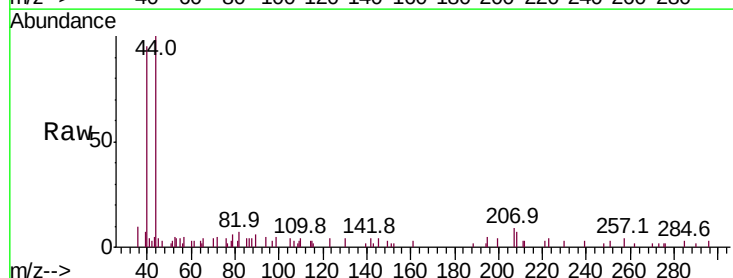
RT: 12.25 min Scan# 1189

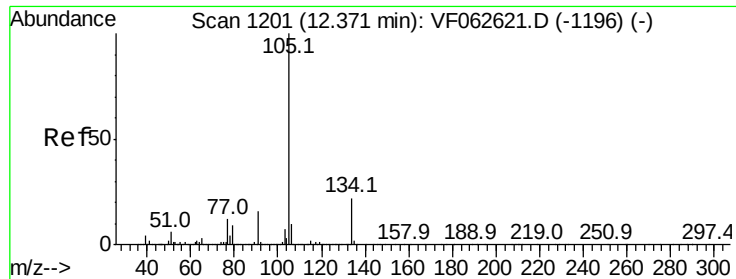
Delta R.T. -0.02 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Tgt Ion:	105	Resp:	184
Ion	Ratio	Lower	Upper
105	100		
120	0.0	26.7	80.1#

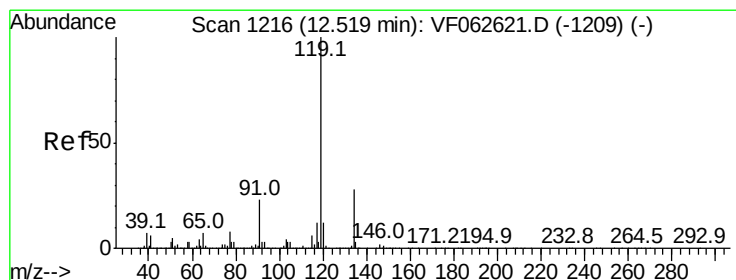
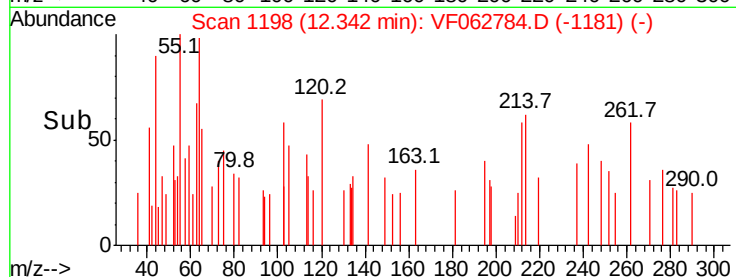
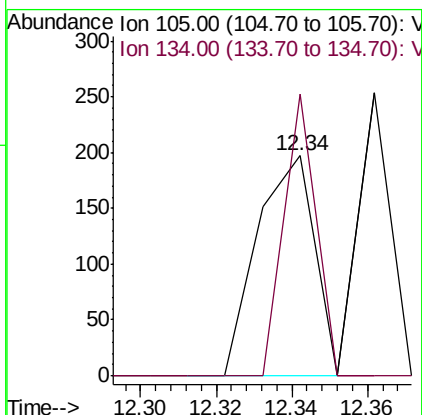
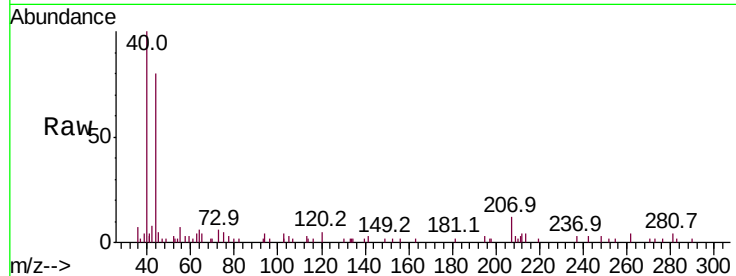




#85
 sec-Butylbenzene
 Concen: 41.135 ug/l
 RT: 12.34 min Scan# 1198
 Delta R.T. -0.03 min
 Lab File: VF062784.D
 Acq: 29 May 2019 16:18

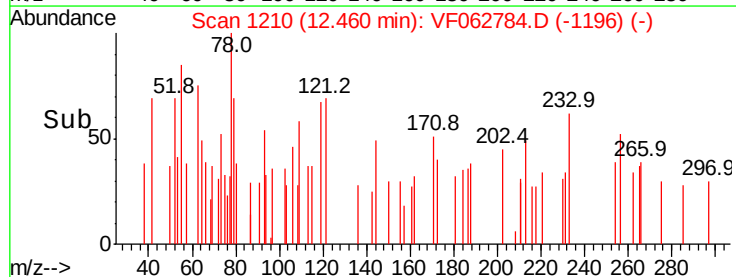
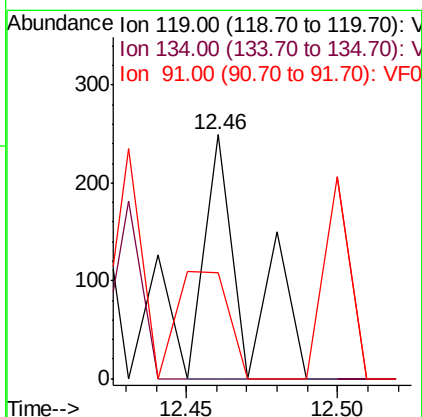
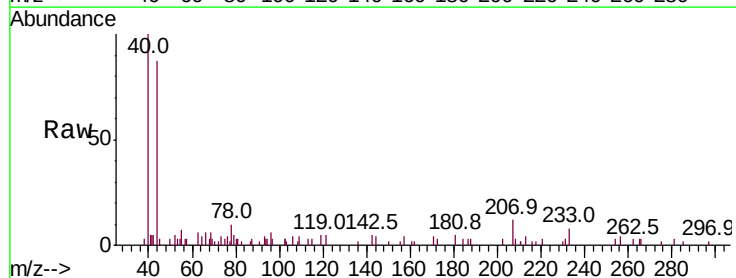
Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-2RE

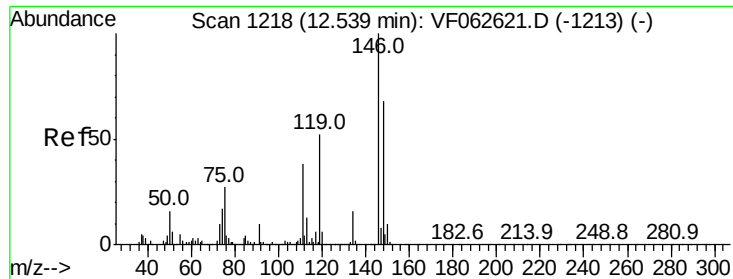
Tot Ion:105 Resp: 206
 Ion Ratio Lower Upper
 105 100
 134 127.9 10.8 32.4#



#86
 p-Isopropyltoluene
 Concen: 55.919 ug/l
 RT: 12.46 min Scan# 1210
 Delta R.T. -0.06 min
 Lab File: VF062784.D
 Acq: 29 May 2019 16:18

Tgt Ion:119 Resp: 236
 Ion Ratio Lower Upper
 119 100
 134 0.0 14.1 42.3#
 91 43.4 11.4 34.2#





#87

1,3-Dichlorobenzene

Concen: 32.965 ug/l

RT: 12.55 min Scan# 1219

Delta R.T. 0.01 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampled :

TEST-PIT-2RE

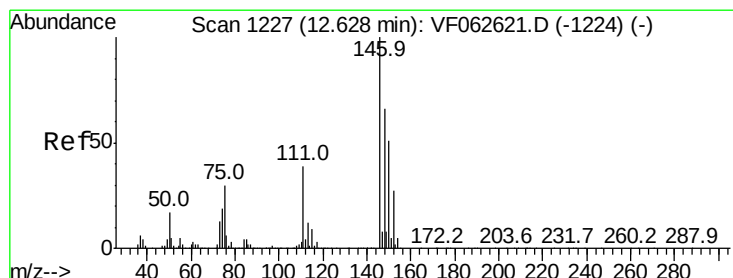
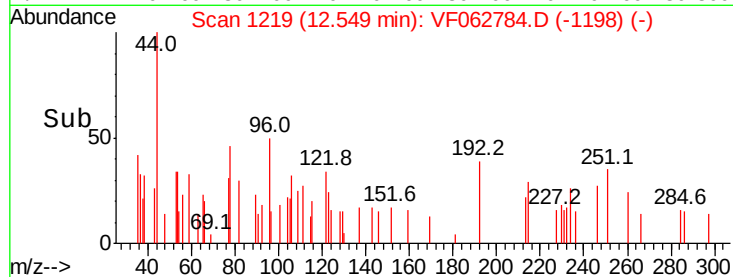
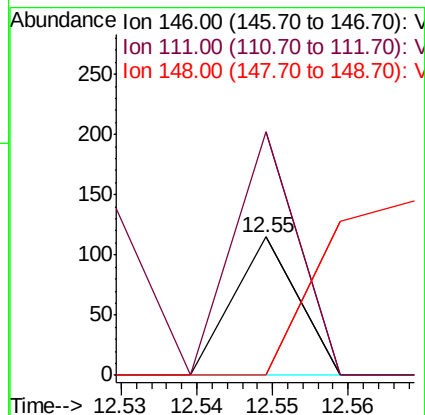
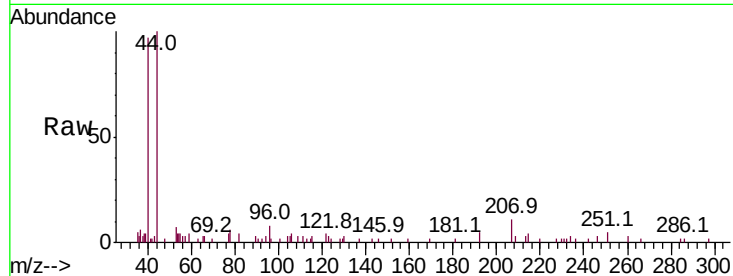
Tot Ion:146 Resp: 68

Ion Ratio Lower Upper

146 100

111 175.7 18.9 56.9#

148 0.0 34.0 101.8#



#88

1,4-Dichlorobenzene

Concen: 37.194 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

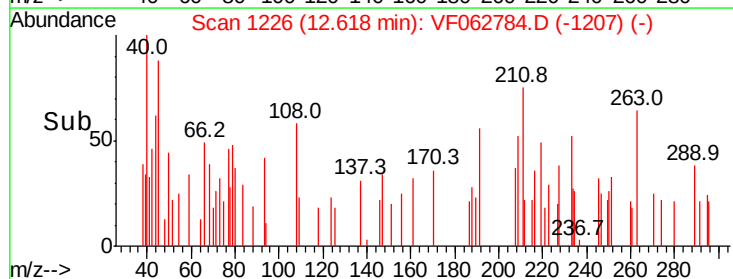
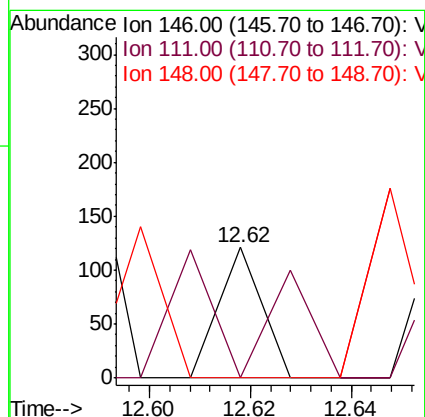
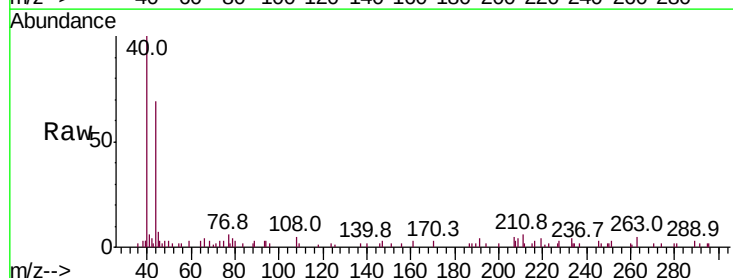
Tgt Ion:146 Resp: 72

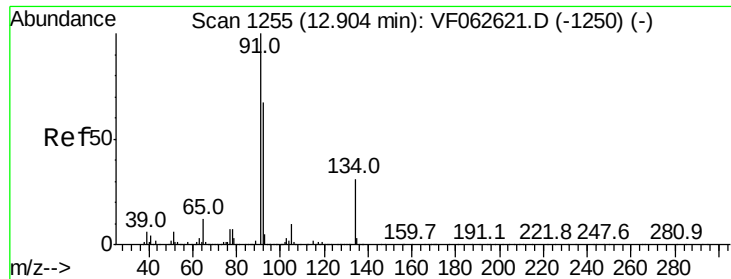
Ion Ratio Lower Upper

146 100

111 0.0 19.4 58.2#

148 0.0 33.2 99.6#





#89

n-Butylbenzene

Concen: 18.985 ug/l

RT: 12.91 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

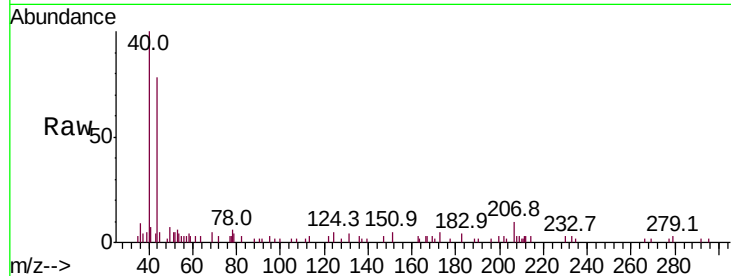
Tot Ion: 91 Resp: 79

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

250

200

150

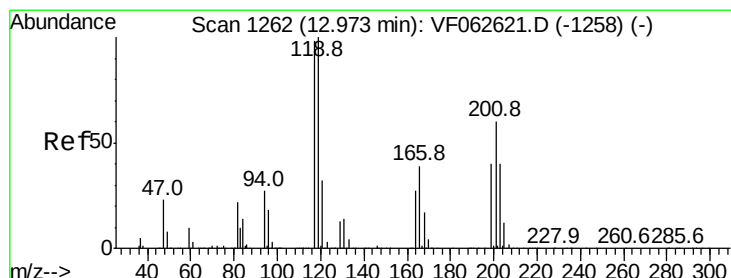
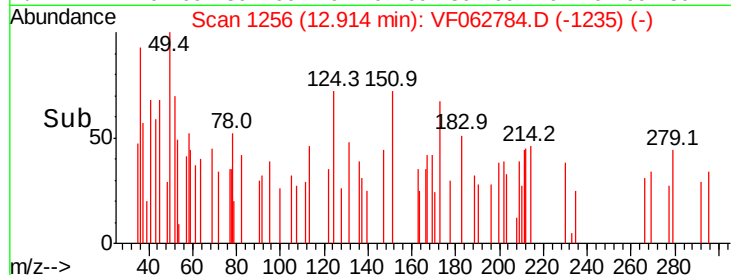
100

50

0

12.90 12.91 12.92 12.93 12.94

Time-->



#90

Hexachloroethane

Concen: 75.068 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.03 min

Lab File: VF062784.D

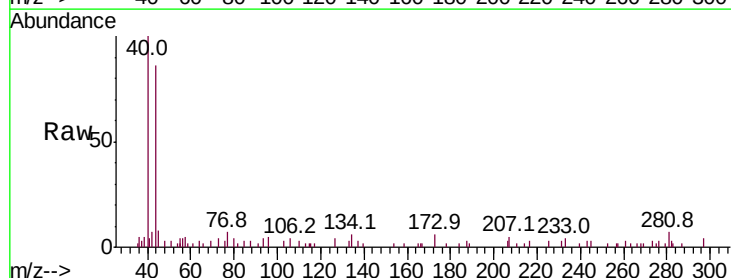
Acq: 29 May 2019 16:18

Tgt Ion: 117 Resp: 76

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

250

200

150

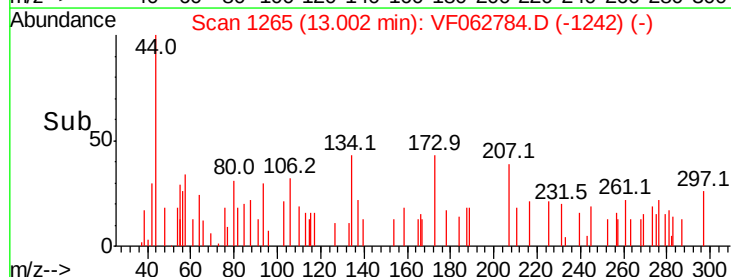
100

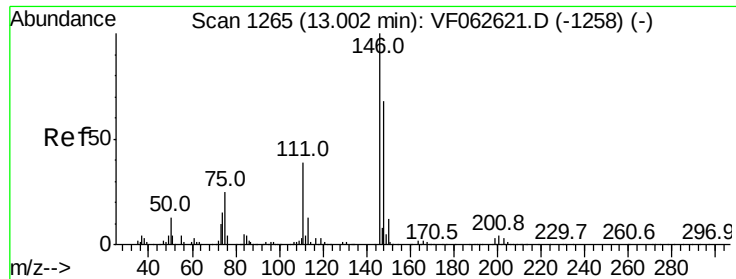
50

0

12.98 13.00 13.02

Time-->





#91

1,2-Dichlorobenzene

Concen: 107.680 ug/l

RT: 12.96 min Scan# 1261

Delta R.T. -0.04 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-2RE

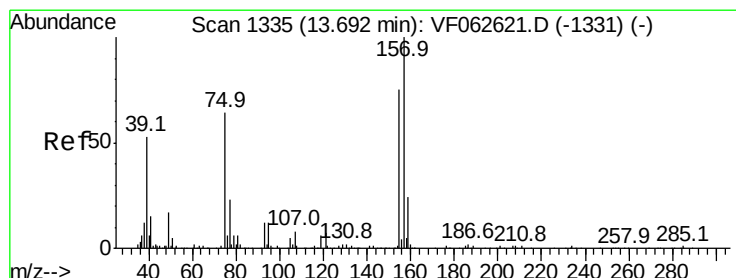
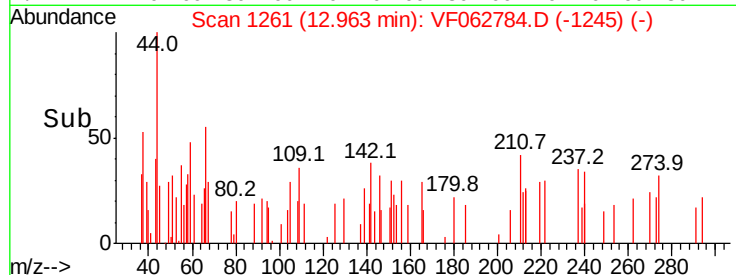
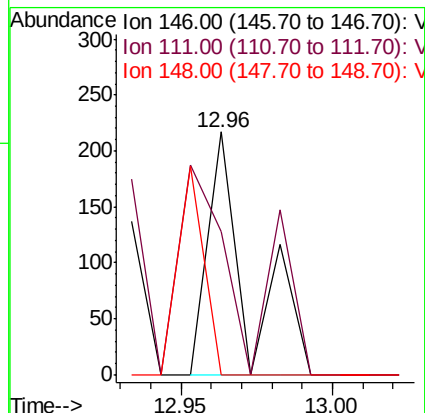
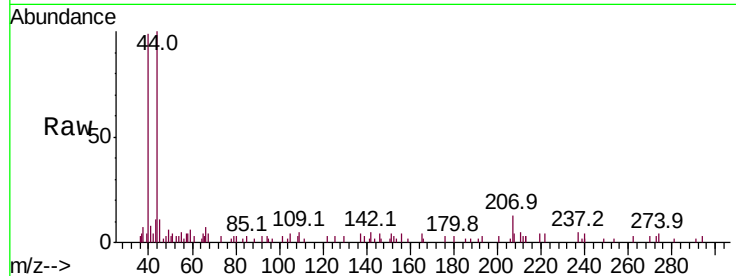
Tot Ion:146 Resp: 198

Ion Ratio Lower Upper

146 100

111 39.9 19.8 59.3

148 0.0 34.1 102.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 804.794 ug/l

RT: 13.69 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VF062784.D

Acq: 29 May 2019 16:18

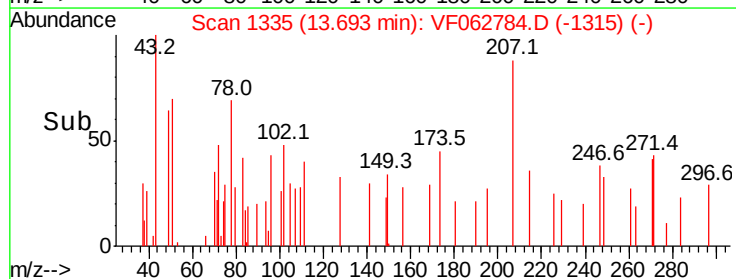
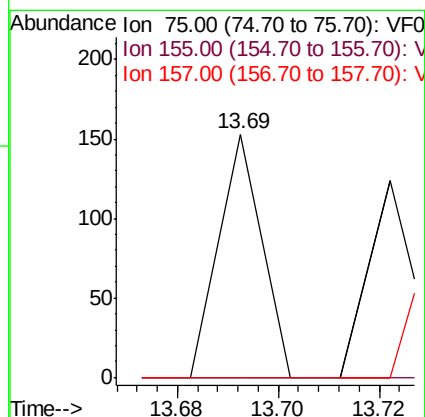
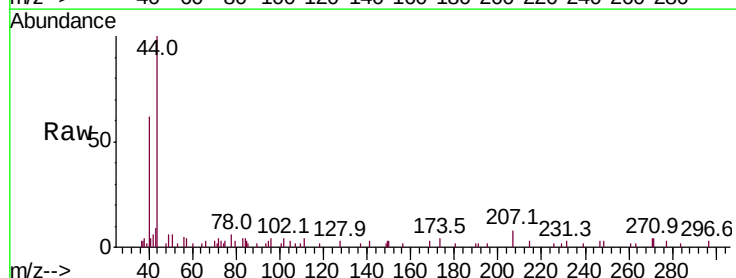
Tgt Ion: 75 Resp: 90

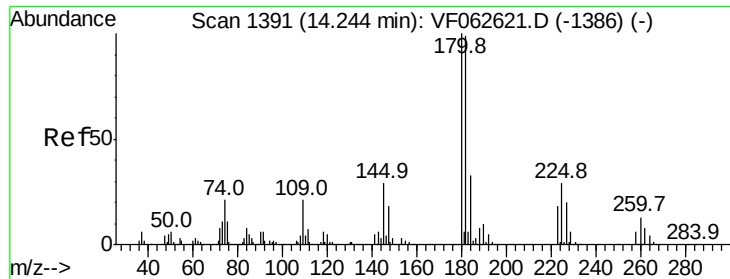
Ion Ratio Lower Upper

75 100

155 0.0 58.1 174.3#

157 0.0 77.8 233.4#

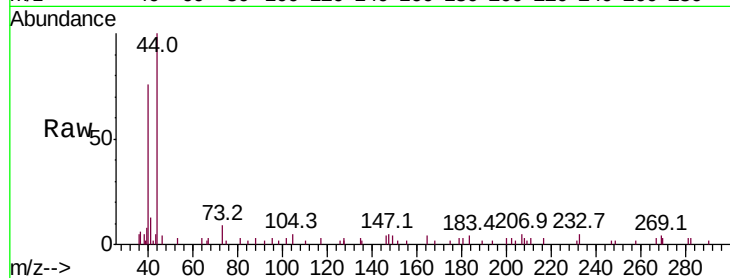




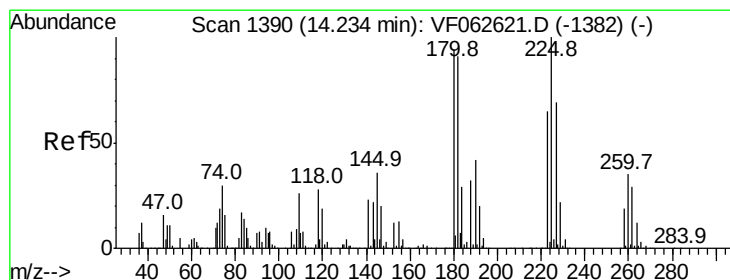
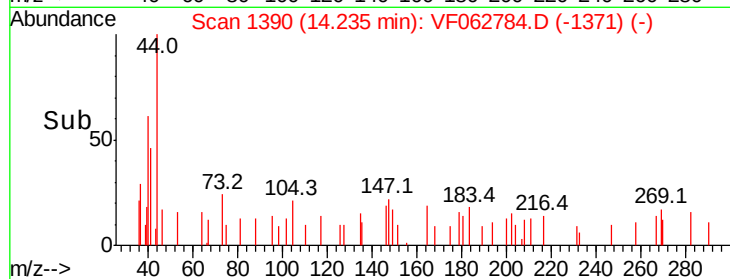
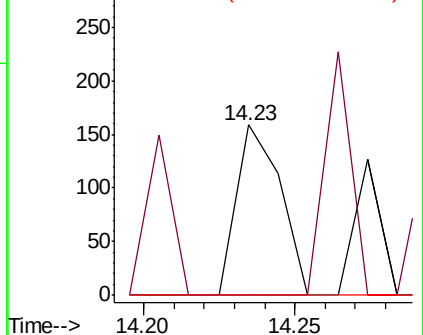
#93
 1,2,4-Trichlorobenzene
 Concen: 122.322 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VF062784.D
 Acq: 29 May 2019 16:18

Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-2RE

Tot Ion:180 Resp: 161
 Ion Ratio Lower Upper
 180 100
 182 0.0 49.7 149.1#
 145 0.0 14.6 44.0#

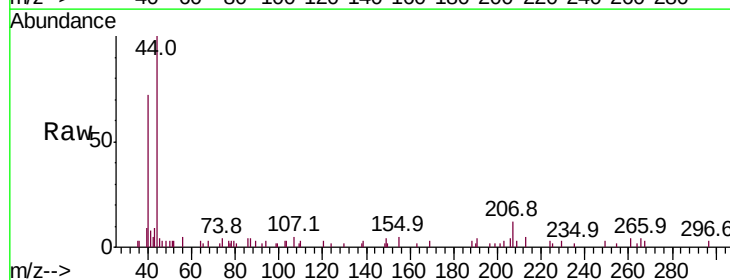


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

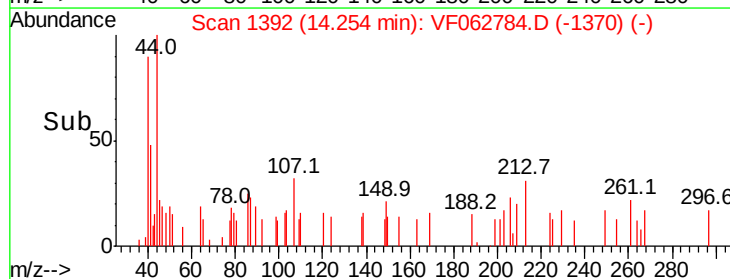
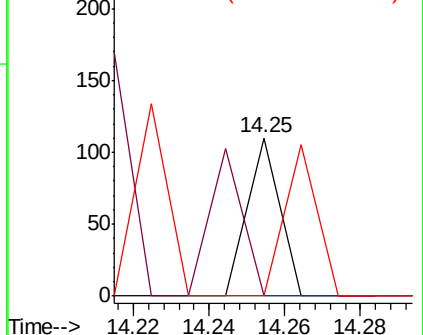


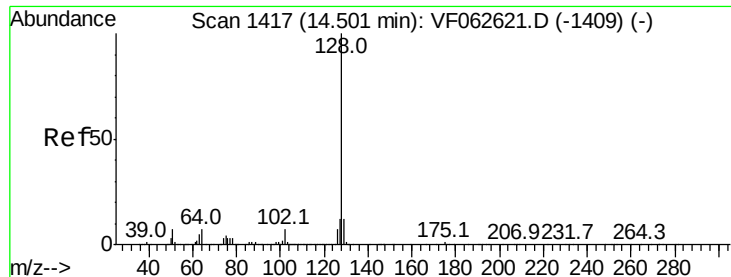
#94
 Hexachlorobutadiene
 Concen: 70.765 ug/l
 RT: 14.25 min Scan# 1392
 Delta R.T. 0.02 min
 Lab File: VF062784.D
 Acq: 29 May 2019 16:18

Tgt Ion:225 Resp: 65
 Ion Ratio Lower Upper
 225 100
 223 0.0 32.5 97.4#
 227 0.0 34.5 103.5#



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

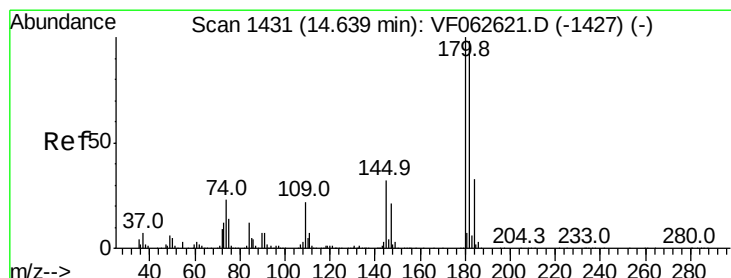
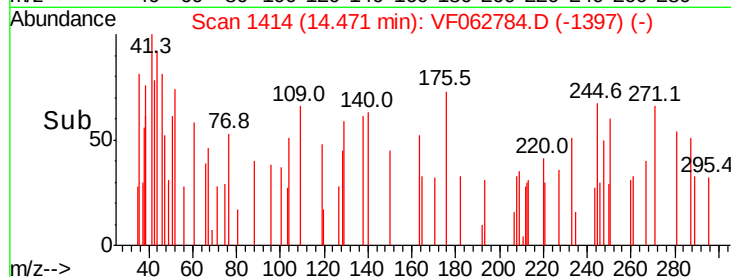
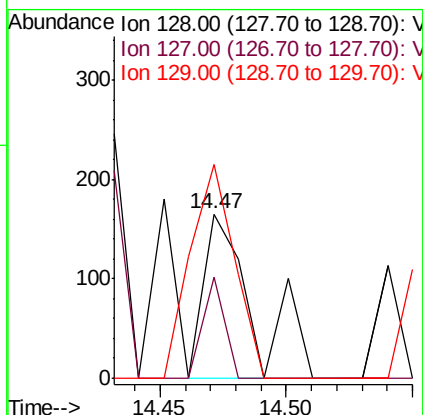
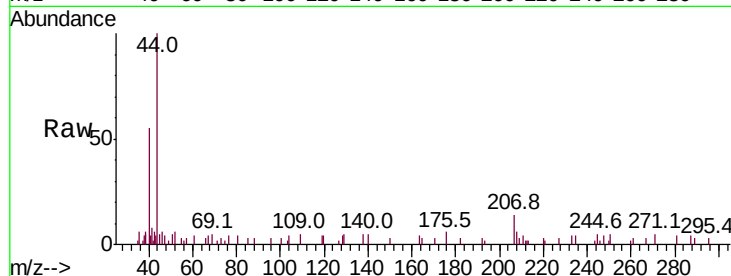




#95
Naphthalene
Concen: 95.352 ug/l
RT: 14.47 min Scan# 1414
Delta R.T. -0.03 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-2RE

Tot Ion:128 Resp: 228
Ion Ratio Lower Upper
128 100
127 61.8 9.7 14.5#
129 130.3 9.3 13.9#



#96
1,2,3-Trichlorobenzene
Concen: 50.533 ug/l
RT: 14.65 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VF062784.D
Acq: 29 May 2019 16:18

Tgt Ion:180 Resp: 63
Ion Ratio Lower Upper
180 100
182 0.0 48.9 146.7#
145 94.4 16.1 48.2#

