

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052919\
 Data File : VF062789.D
 Acq On : 29 May 2019 18:37
 Operator : FY/SY
 Sample : K3084-05RE
 Misc : 5.86g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-8RE

Quant Time: May 30 08:42:46 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	5.15	168	537	50.00	ug/l	0.08
34) 1,4-Difluorobenzene	5.67	114	295	50.00	ug/l	-0.12
63) Chlorobenzene-d5	9.74	117	66	50.00	ug/l	-0.18
72) 1,4-Dichlorobenzene-d4	12.58	152	242	50.00	ug/l	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.11	65	305	80.38	ug/l	0.07
Spiked Amount				50.000		
			Recovery	=	160.76%	
35) Dibromofluoromethane	4.21	113	148	65.56	ug/l	-0.11
Spiked Amount				50.000		
			Recovery	=	131.12%	
50) Toluene-d8	7.57	98	151	28.02	ug/l	-0.15
Spiked Amount				50.000		
			Recovery	=	56.04%	
62) 4-Bromofluorobenzene	11.27	95	353	172.69	ug/l	-0.24
Spiked Amount				50.000		
			Recovery	=	345.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.92	85	622	85.115	ug/l	80
3) Chloromethane	1.12	50	685	101.800	ug/l	92
4) Vinyl Chloride	1.30	62	572	92.350	ug/l	100
5) Bromomethane	1.44	94	452	133.395	ug/l	83
6) Chloroethane	1.48	64	593	260.683	ug/l #	20
7) Trichlorofluoromethane	1.52	101	77	9.259	ug/l #	21
8) Diethyl Ether	1.70	74	148	89.829	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	1.90	101	160	30.214	ug/l #	40
10) Methyl Iodide	2.03	142	251	24.128	ug/l #	37
11) Tert butyl alcohol	2.75	59	247	985.911	ug/l #	70
12) 1,1-Dichloroethene	1.79	96	812	168.325	ug/l	95
13) Acrolein	2.13	56	402	1537.183	ug/l	84
14) Allyl chloride	2.22	41	1244	284.929	ug/l #	42
15) Acrylonitrile	3.18	53	638	902.787	ug/l #	13
16) Acetone	2.39	43	370	375.837	ug/l	96
17) Carbon Disulfide	1.97	76	554	38.746	ug/l #	72
18) Methyl Acetate	2.54	43	1105	714.272	ug/l #	52
19) Methyl tert-butyl Ether	2.63	73	619	71.779	ug/l	99
20) Methylene Chloride	2.40	84	119	24.115	ug/l #	52
21) trans-1,2-Dichloroethene	2.49	96	808	171.365	ug/l #	1
22) Diisopropyl ether	2.98	45	258	23.959	ug/l #	17
23) Vinyl Acetate	3.36	43	1209	166.438	ug/l #	77
24) 1,1-Dichloroethane	3.06	63	558	70.637	ug/l #	1
25) 2-Butanone	4.62	43	846	402.223	ug/l #	88
26) 2,2-Dichloropropane	3.81	77	699	154.651	ug/l	77
27) cis-1,2-Dichloroethene	3.72	96	620	79.939	ug/l	1
28) Bromochloromethane	3.95	49	770	173.797	ug/l #	40
29) Tetrahydrofuran	4.33	42	969	1138.476	ug/l #	59
30) Chloroform	4.13	83	321	29.267	ug/l #	16
31) Cyclohexane	3.91	56	594	56.002	ug/l #	15
32) 1,1,1-Trichloroethane	4.35	97	386	52.993	ug/l #	1
36) 1,1-Dichloropropene	4.24	75	1233	407.895	ug/l	92
37) Ethyl Acetate	4.20	43	1644	1332.005	ug/l #	10
38) Carbon Tetrachloride	4.12	117	476	209.377	ug/l #	12

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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)
39) Methylcyclohexane	5.51	83	373	102.550	ug/l #	46
40) Benzene	4.74	78	248	30.115	ug/l #	1
41) Methacrylonitrile	4.82	41	589	910.253	ug/l #	22
42) 1,2-Dichloroethane	5.00	62	281	171.112	ug/l	71
43) Isopropyl Acetate	6.95	43	1093	683.556	ug/l #	43
44) Trichloroethene	5.54	130	157	67.833	ug/l	1
45) 1,2-Dichloropropane	6.37	63	572	275.157	ug/l	92
46) Dibromomethane	6.11	93	186	154.819	ug/l #	35
47) Bromodichloromethane	6.41	83	557	223.325	ug/l #	25
48) Methyl methacrylate	6.75	41	1523	1822.282	ug/l #	58
49) 1,4-Dioxane	6.73	88	87	8127.481	ug/l #	1
51) 4-Methyl-2-Pentanone	8.21	43	1641	1501.411	ug/l #	32
52) Toluene	7.72	92	211	48.856	ug/l	77
53) t-1,3-Dichloropropene	8.26	75	480	235.237	ug/l #	4
54) cis-1,3-Dichloropropene	7.32	75	399	139.689	ug/l #	10
55) 1,1,2-Trichloroethane	8.51	97	351	274.488	ug/l #	27
56) Ethyl methacrylate	8.57	69	652	427.971	ug/l #	1
57) 1,3-Dichloropropane	8.75	76	689	316.333	ug/l	90
58) 2-Chloroethyl Vinyl ether	7.32	63	131	264.172	ug/l #	51
59) 2-Hexanone	9.38	43	273	394.193	ug/l	66
60) Dibromochloromethane	8.65	129	75	45.001	ug/l	92
61) 1,2-Dibromoethane	9.08	107	96	70.681	ug/l	98
64) Tetrachloroethene	8.29	164	124	237.153	ug/l #	37
65) Chlorobenzene	9.92	112	179	138.085	ug/l #	41
66) 1,1,1,2-Tetrachloroethane	9.95	131	194	372.793	ug/l	58
67) Ethyl Benzene	10.02	91	73	32.416	ug/l #	1
68) m/p-Xylenes	10.26	106	274	323.729	ug/l #	1
69) o-Xylene	10.96	106	63	72.266	ug/l	64
70) Styrene	10.90	104	309	233.197	ug/l #	56
71) Bromoform	10.78	173	66	253.228	ug/l #	27
73) Isopropylbenzene	11.19	105	225	12.972	ug/l #	45
74) N-amyl acetate	11.47	43	625	152.709	ug/l #	34
75) 1,1,2,2-Tetrachloroethane	11.77	83	134	37.804	ug/l #	23
76) 1,2,3-Trichloropropane	11.92	75	431	185.056	ug/l	68
77) Bromobenzene	11.55	156	87	20.179	ug/l #	69
78) n-propylbenzene	11.79	91	482	23.482	ug/l	97
79) 2-Chlorotoluene	11.79	91	482	41.666	ug/l	75
80) 1,3,5-Trimethylbenzene	11.95	105	542	38.971	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.97	75	235	226.995	ug/l #	26
82) 4-Chlorotoluene	11.97	91	449	39.359	ug/l #	37
83) tert-Butylbenzene	12.24	119	233	16.513	ug/l #	52
84) 1,2,4-Trimethylbenzene	12.30	105	344	25.556	ug/l	80
85) sec-Butylbenzene	12.35	105	368	19.434	ug/l #	16
86) p-Isopropyltoluene	12.51	119	257	16.105	ug/l #	49
87) 1,3-Dichlorobenzene	12.60	146	98	12.564	ug/l #	23
88) 1,4-Dichlorobenzene	12.62	146	195	26.640	ug/l #	24
89) n-Butylbenzene	12.89	91	643	40.867	ug/l #	25
90) Hexachloroethane	13.00	117	80	20.898	ug/l #	20
91) 1,2-Dichlorobenzene	13.01	146	80	11.506	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.66	75	60	141.892	ug/l #	1

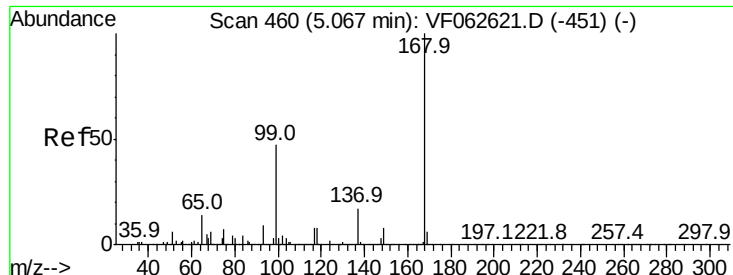
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052919\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	205	41.190	ug/l #	11
94) Hexachlorobutadiene	14.23	225	61	17.563	ug/l #	16
95) Naphthalene	14.51	128	113	12.498	ug/l #	15
96) 1,2,3-Trichlorobenzene	14.56	180	73	15.485	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.15 min Scan# 468

Delta R.T. 0.08 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

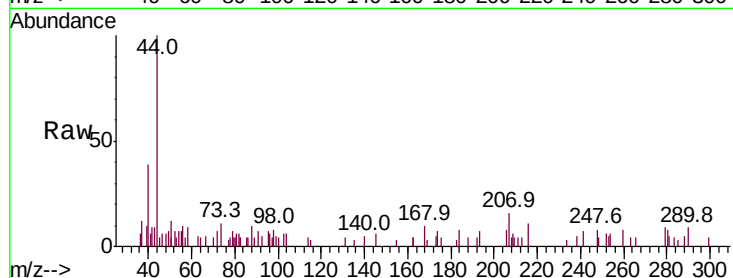
TEST-PIT-8RE

Tot Ion:168 Resp: 537

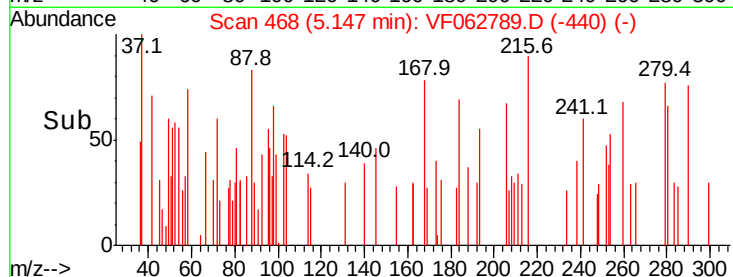
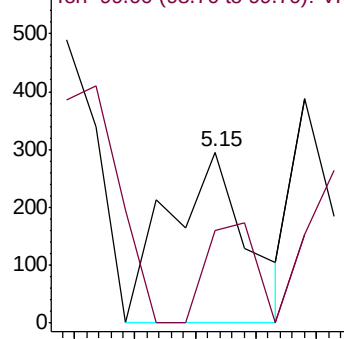
Ion Ratio Lower Upper

168 100

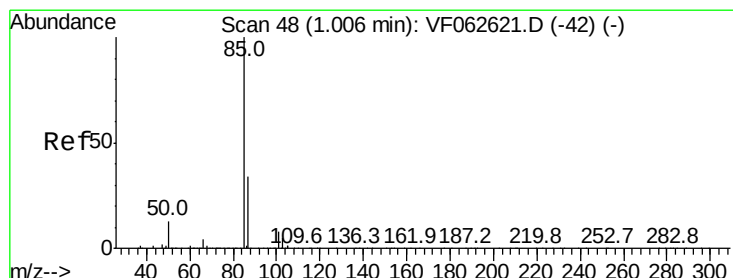
99 54.4 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): VF0



Time-->



#2

Dichlorodifluoromethane

Concen: 85.115 ug/l

RT: 0.92 min Scan# 39

Delta R.T. -0.09 min

Lab File: VF062789.D

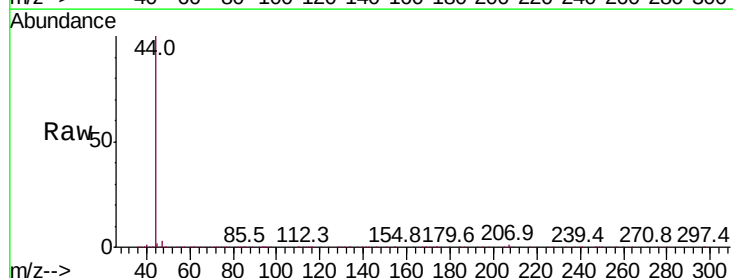
Acq: 29 May 2019 18:37

Tgt Ion: 85 Resp: 622

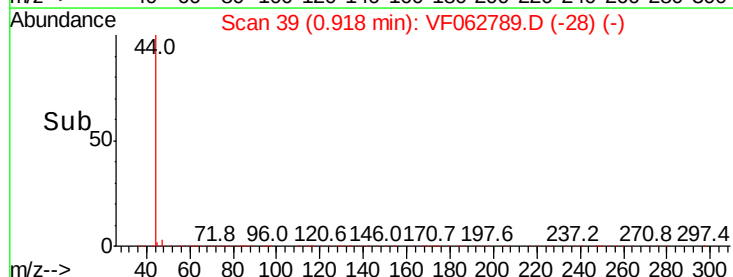
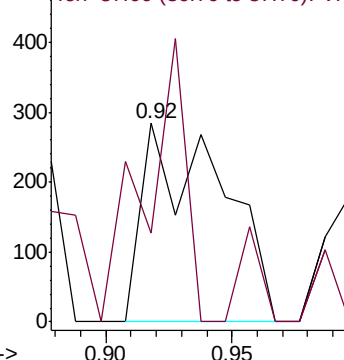
Ion Ratio Lower Upper

85 100

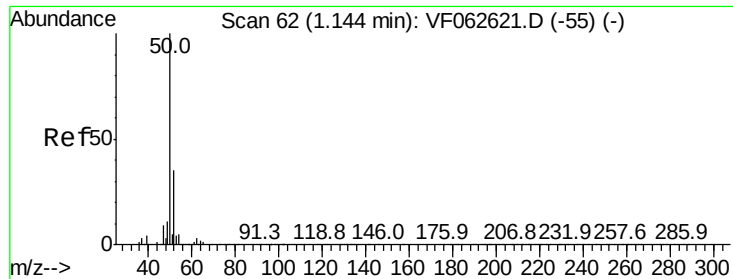
87 44.7 16.8 50.3



Abundance Ion 85.00 (84.70 to 85.70): VF0



Time-->



#3

Chloromethane

Concen: 101.800 ug/l

RT: 1.12 min Scan# 60

Delta R.T. -0.02 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

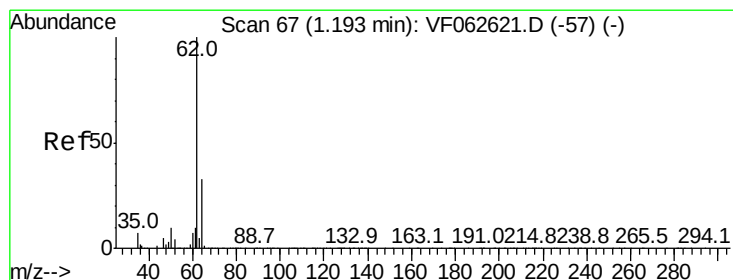
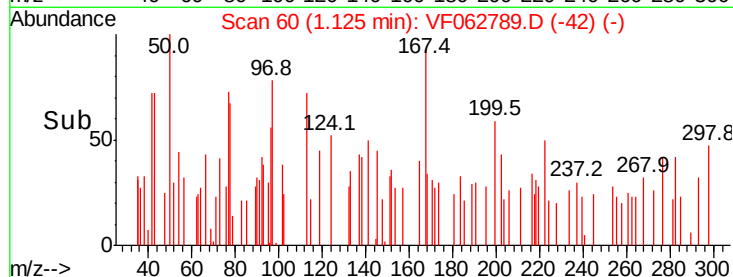
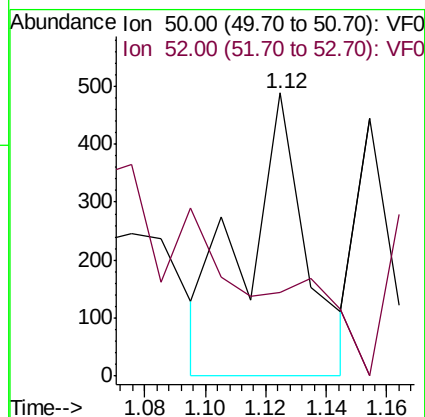
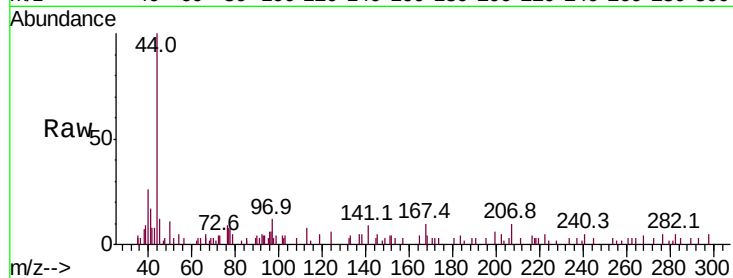
TEST-PIT-8RE

Tot Ion: 50 Resp: 685

Ion Ratio Lower Upper

50 100

52 29.5 27.5 41.3



#4

Vinyl Chloride

Concen: 92.350 ug/l

RT: 1.30 min Scan# 78

Delta R.T. 0.11 min

Lab File: VF062789.D

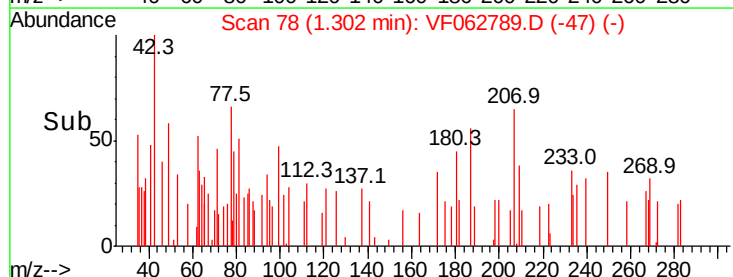
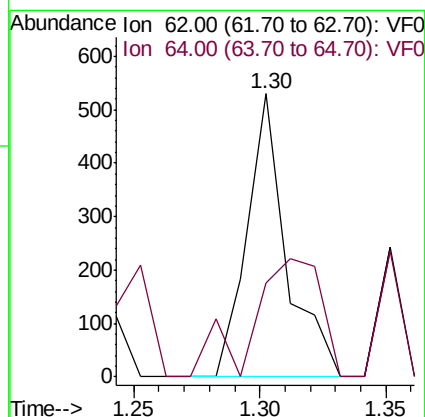
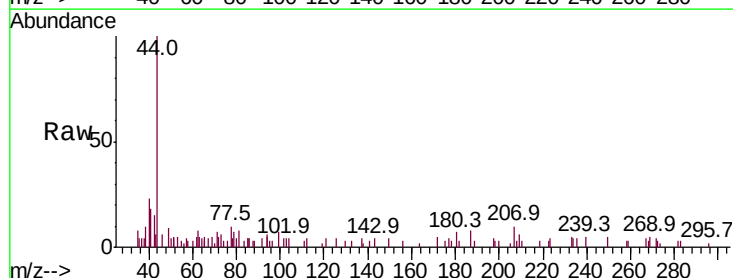
Acq: 29 May 2019 18:37

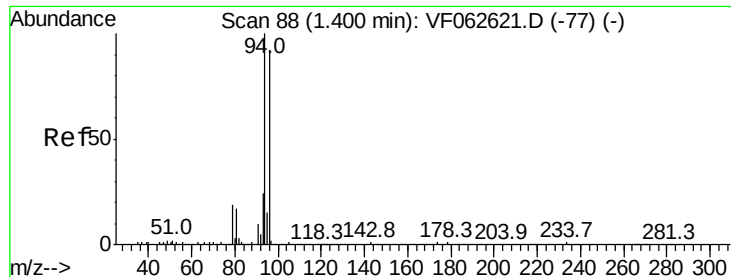
Tgt Ion: 62 Resp: 572

Ion Ratio Lower Upper

62 100

64 33.4 26.7 40.1





#5

Bromomethane

Concen: 133.395 ug/l

RT: 1.44 min Scan# 92

Delta R.T. 0.04 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

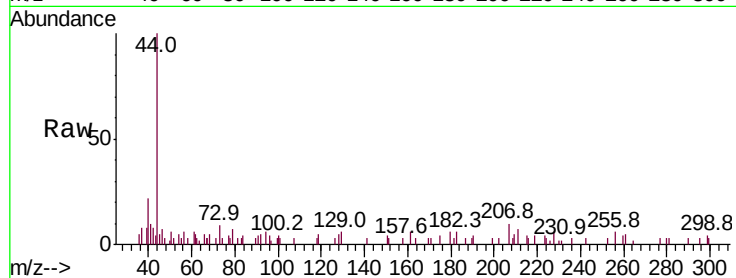
TEST-PIT-8RE

Tot Ion: 94 Resp: 452

Ion Ratio Lower Upper

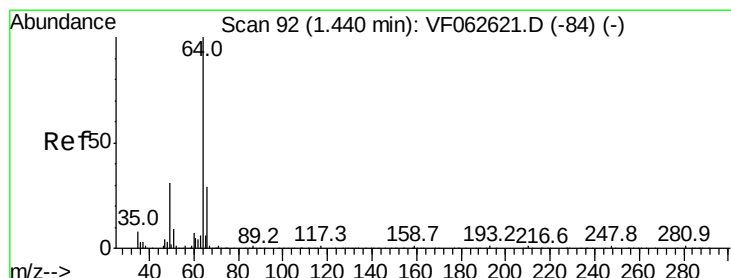
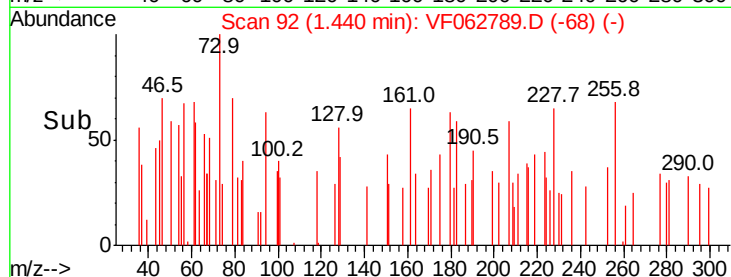
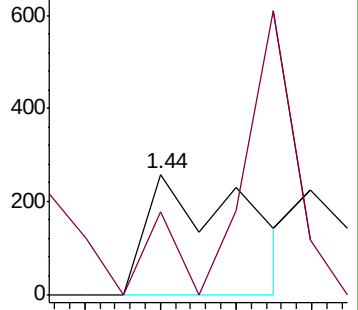
94 100

96 107.8 73.2 109.8



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 260.683 ug/l

RT: 1.48 min Scan# 96

Delta R.T. 0.04 min

Lab File: VF062789.D

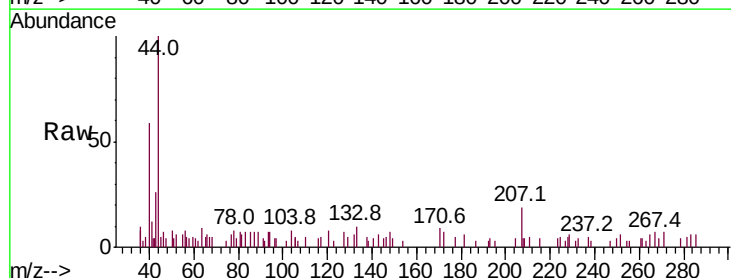
Acq: 29 May 2019 18:37

Tgt Ion: 64 Resp: 593

Ion Ratio Lower Upper

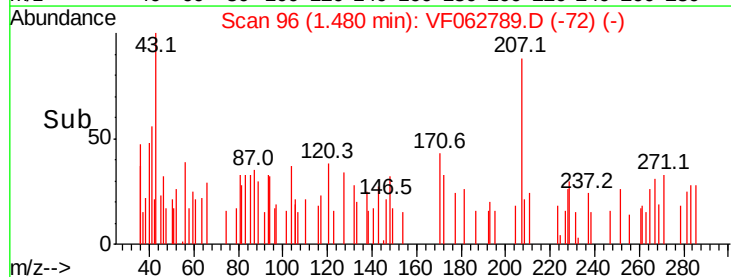
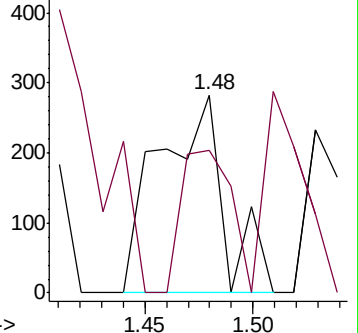
64 100

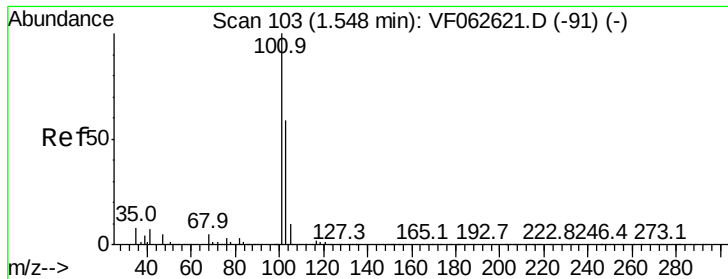
66 72.1 23.4 35.2#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0



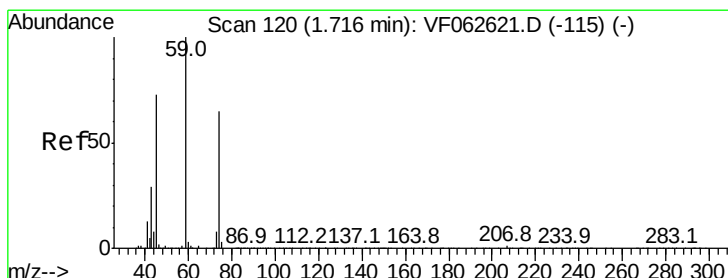
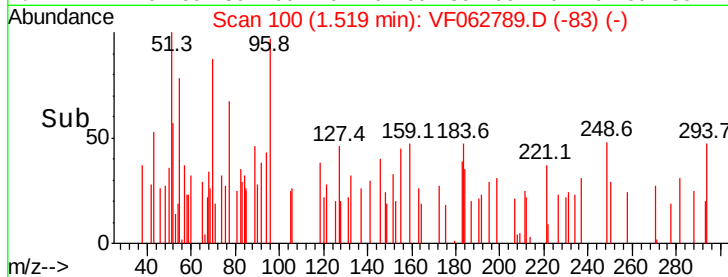
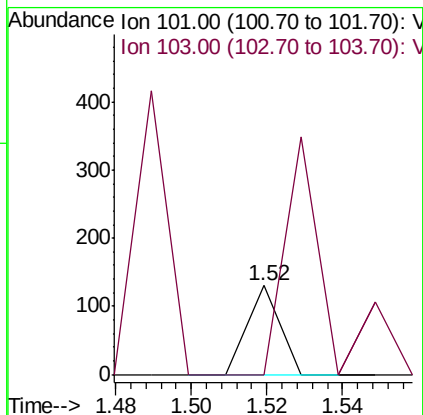
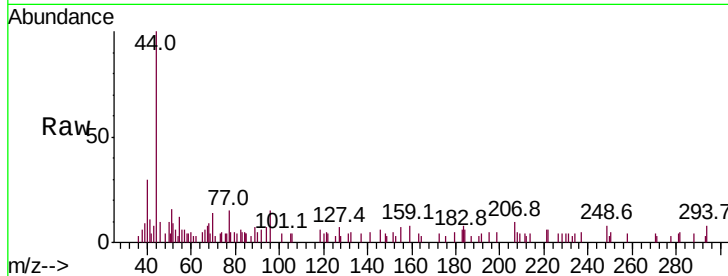


#7

Trichlorofluoromethane
 Concen: 9.259 ug/l
 RT: 1.52 min Scan# 100
 Delta R.T. -0.03 min
 Lab File: VF062789.D
 Acq: 29 May 2019 18:37

Instrument :
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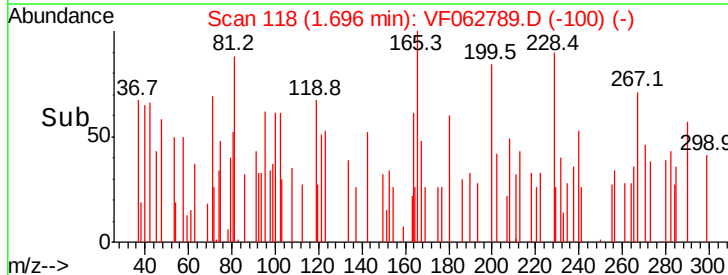
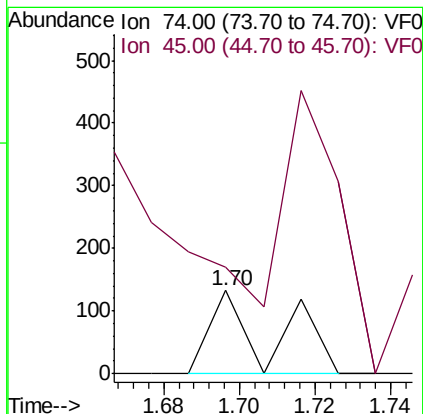
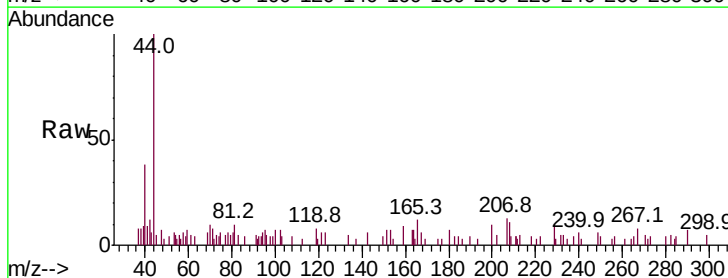
Tot Ion:101 Resp: 77
 Ion Ratio Lower Upper
 101 100
 103 0.0 47.3 70.9#

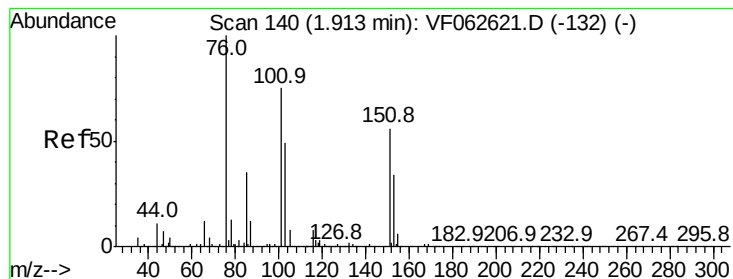


#8

Diethyl Ether
 Concen: 89.829 ug/l
 RT: 1.70 min Scan# 118
 Delta R.T. -0.02 min
 Lab File: VF062789.D
 Acq: 29 May 2019 18:37

Tgt Ion: 74 Resp: 148
 Ion Ratio Lower Upper
 74 100
 45 127.8 57.0 170.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 30.214 ug/l

RT: 1.90 min Scan# 139

Delta R.T. -0.01 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

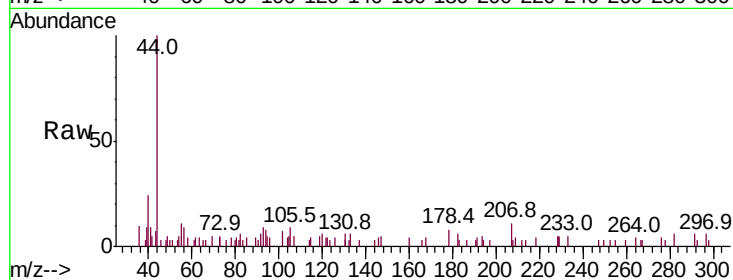
Tot Ion:101 Resp: 160

Ion Ratio Lower Upper

101 100

85 57.2 37.1 55.7#

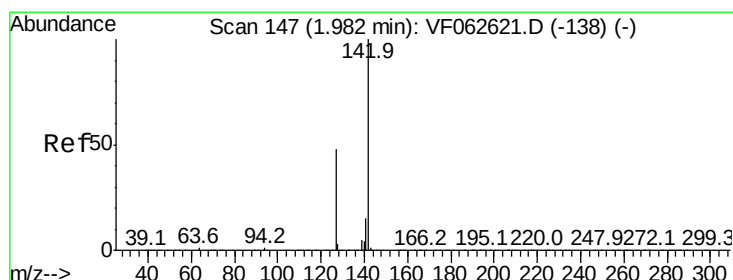
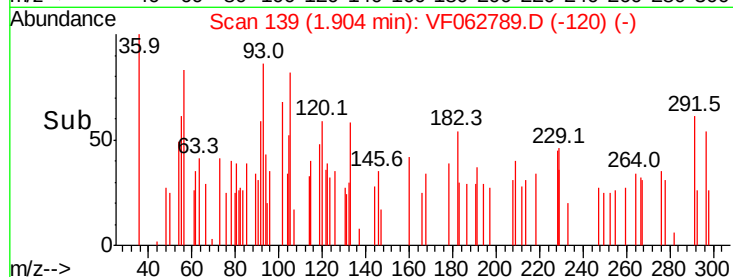
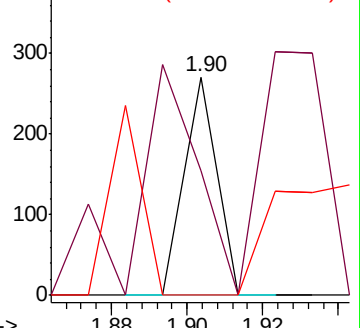
151 0.0 58.8 88.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 24.128 ug/l

RT: 2.03 min Scan# 152

Delta R.T. 0.05 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

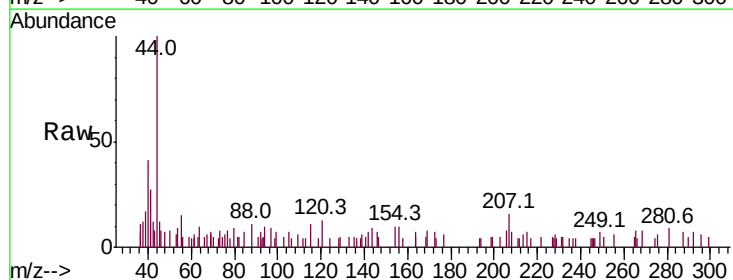
Tgt Ion:142 Resp: 251

Ion Ratio Lower Upper

142 100

127 0.0 38.1 57.1#

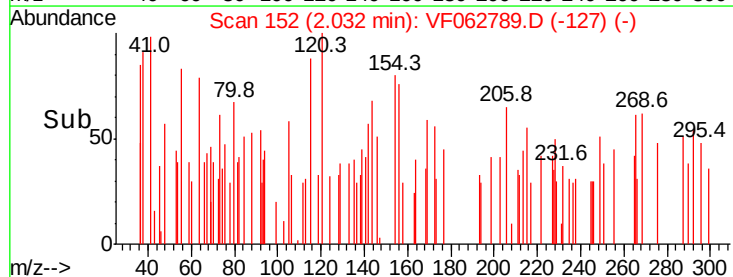
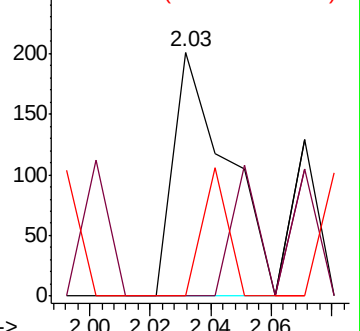
141 0.0 11.7 17.5#

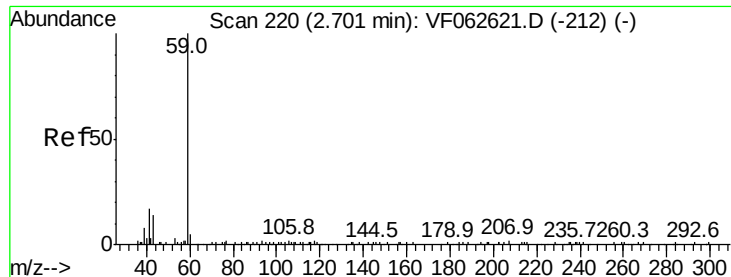


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



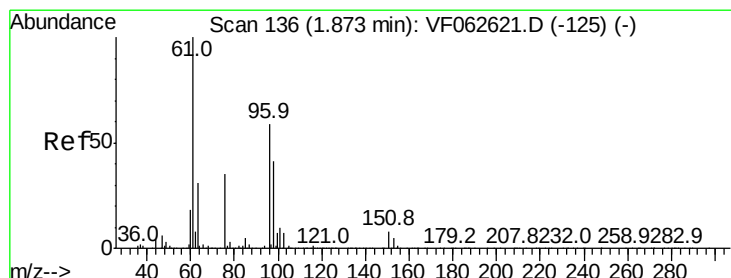
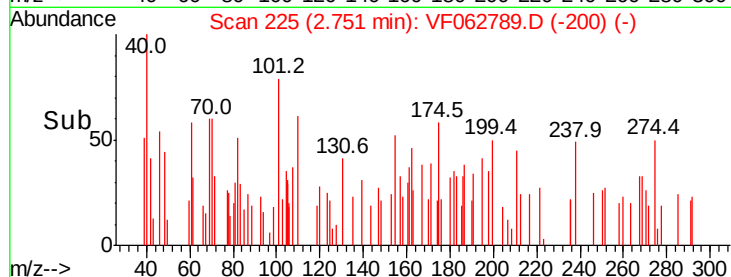
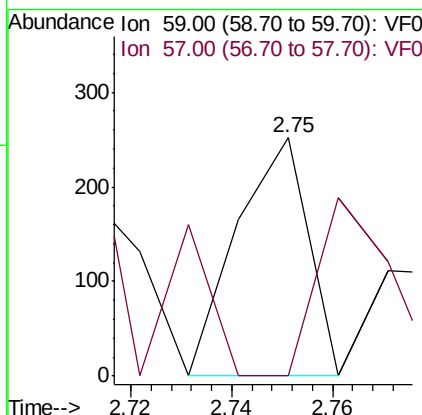
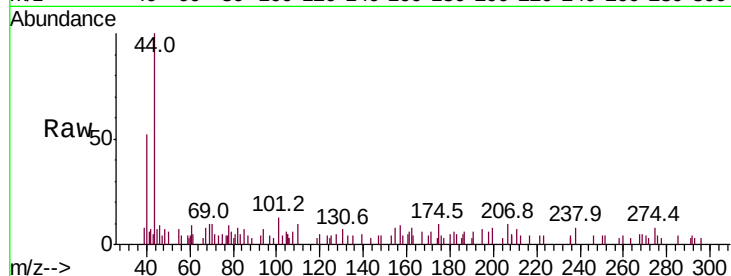


#11

Tert butyl alcohol
 Concen: 985.911 ug/l
 RT: 2.75 min Scan# 225
 Delta R.T. 0.05 min
 Lab File: VF062789.D
 Acq: 29 May 2019 18:37

Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-8RE

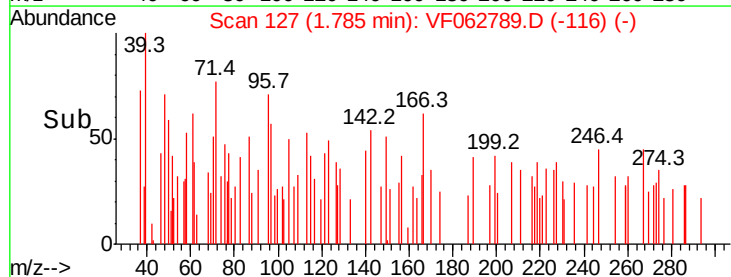
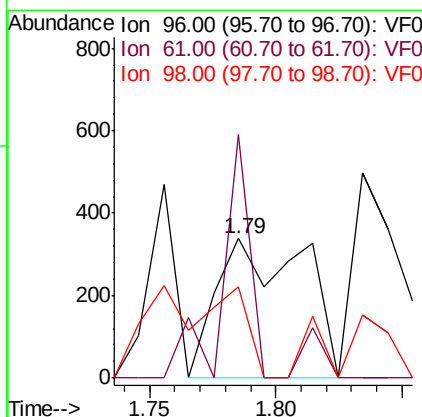
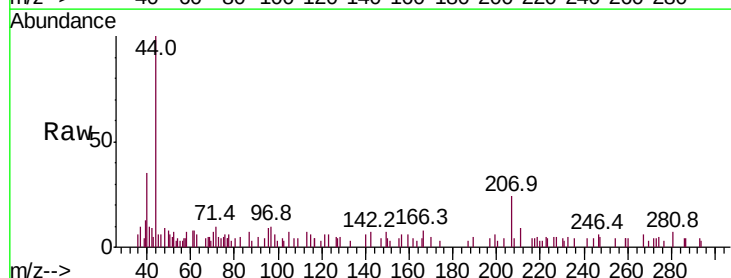
Tot Ion: 59 Resp: 247
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.3 13.9#

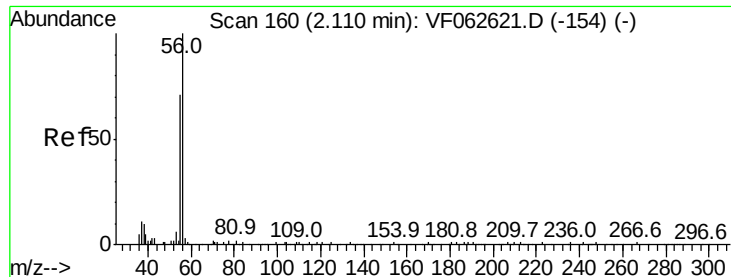


#12

1,1-Dichloroethene
 Concen: 168.325 ug/l
 RT: 1.79 min Scan# 127
 Delta R.T. -0.09 min
 Lab File: VF062789.D
 Acq: 29 May 2019 18:37

Tgt Ion: 96 Resp: 812
 Ion Ratio Lower Upper
 96 100
 61 174.9 134.3 201.5
 98 65.1 55.0 82.6

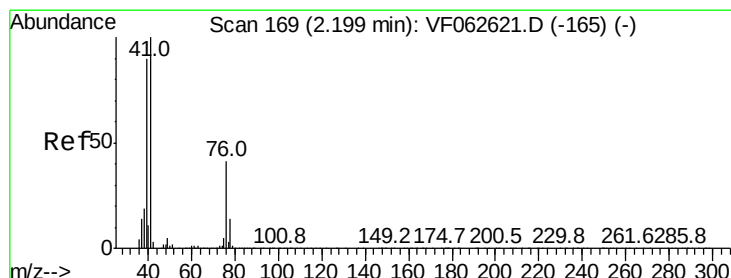
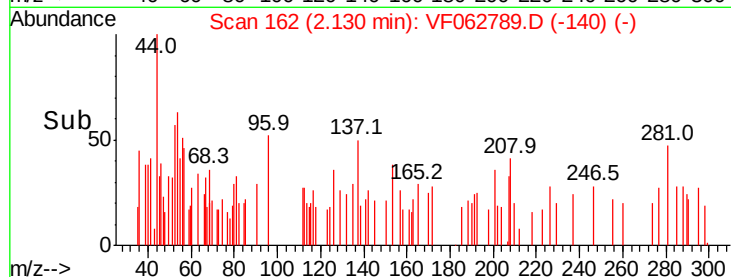
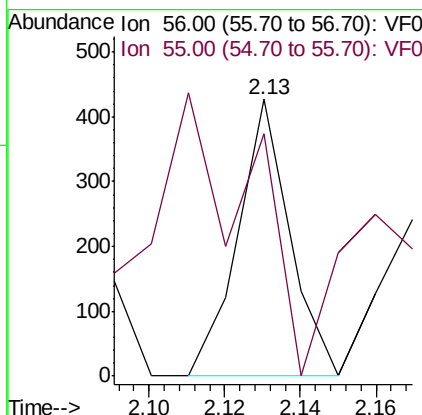
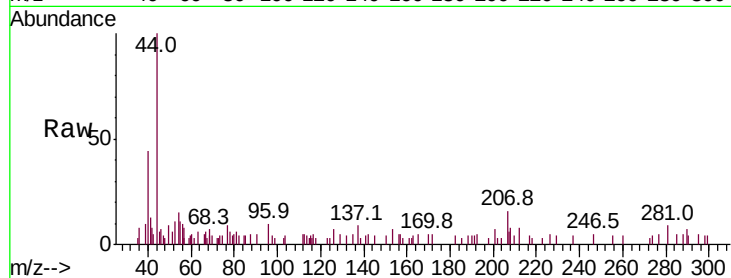




#13
Acrolein
Concen: 1537.183 ug/l
RT: 2.13 min Scan# 162
Delta R.T. 0.02 min
Lab File: VF062789.D
Acq: 29 May 2019 18:37

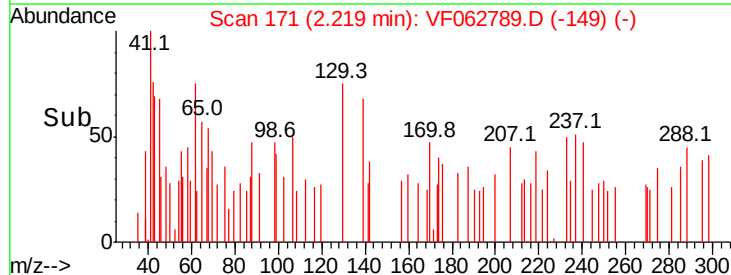
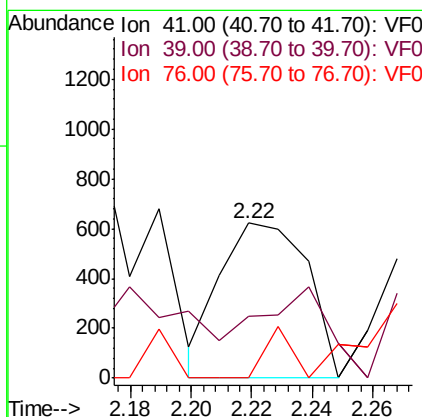
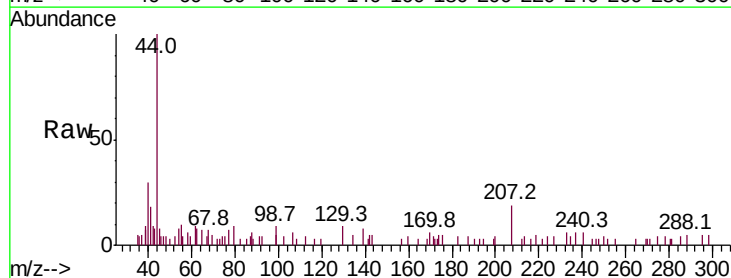
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-8RE

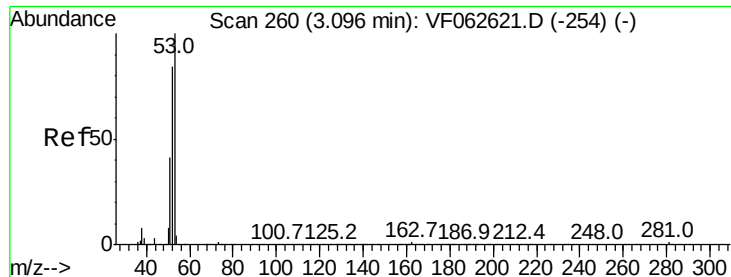
Tot Ion: 56 Resp: 402
Ion Ratio Lower Upper
56 100
55 87.8 59.4 89.0



#14
Allyl chloride
Concen: 284.929 ug/l
RT: 2.22 min Scan# 171
Delta R.T. 0.02 min
Lab File: VF062789.D
Acq: 29 May 2019 18:37

Tgt Ion: 41 Resp: 1244
Ion Ratio Lower Upper
41 100
39 39.6 72.0 108.0#
76 0.0 34.8 52.2#





#15

Acrylonitrile

Concen: 902.787 ug/l

RT: 3.18 min Scan# 268

Delta R.T. 0.08 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

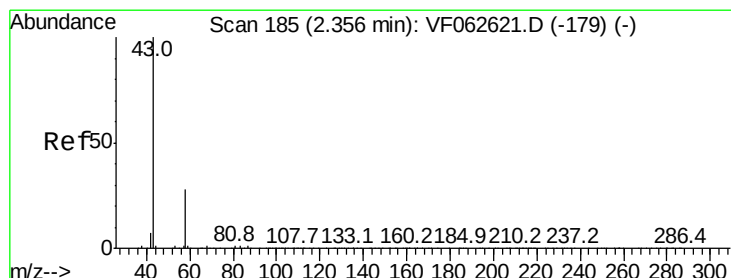
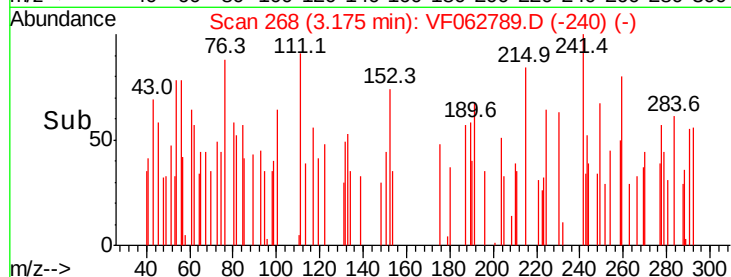
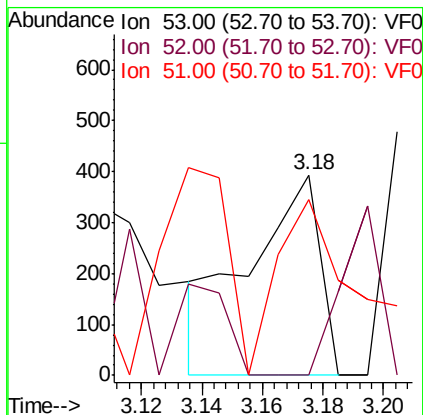
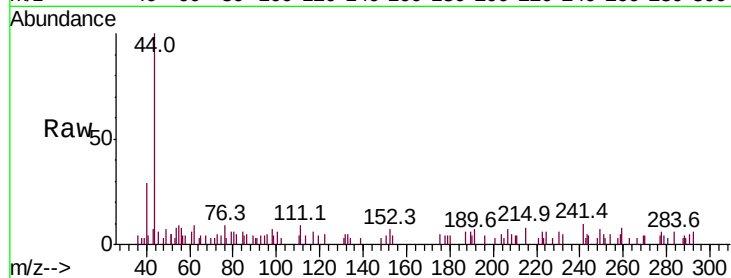
Tot Ion: 53 Resp: 638

Ion Ratio Lower Upper

53 100

52 0.0 67.3 100.9#

51 88.0 33.0 49.6#



#16

Acetone

Concen: 375.837 ug/l

RT: 2.39 min Scan# 188

Delta R.T. 0.03 min

Lab File: VF062789.D

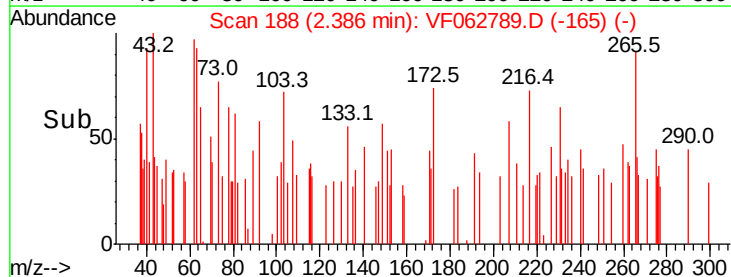
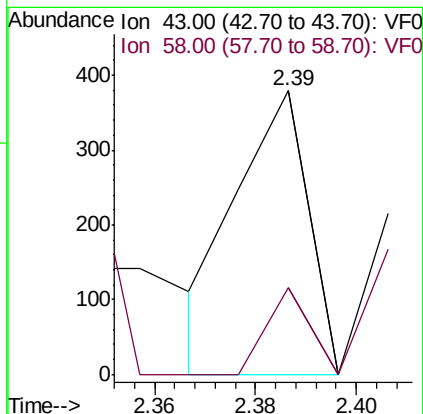
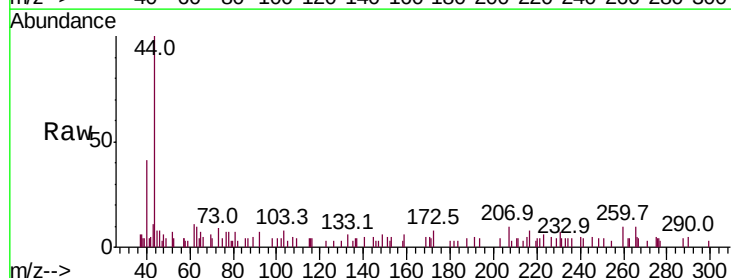
Acq: 29 May 2019 18:37

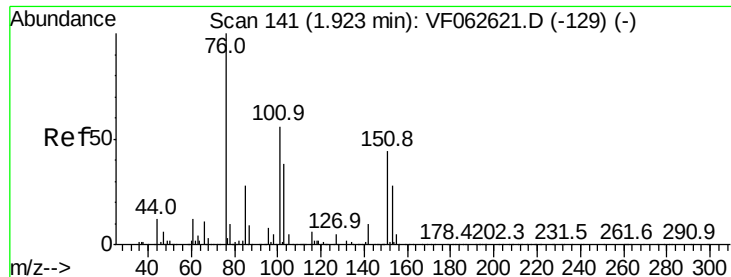
Tgt Ion: 43 Resp: 370

Ion Ratio Lower Upper

43 100

58 30.3 22.6 33.8





#17

Carbon Disulfide

Concen: 38.746 ug/l

RT: 1.97 min Scan# 146

Delta R.T. 0.05 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

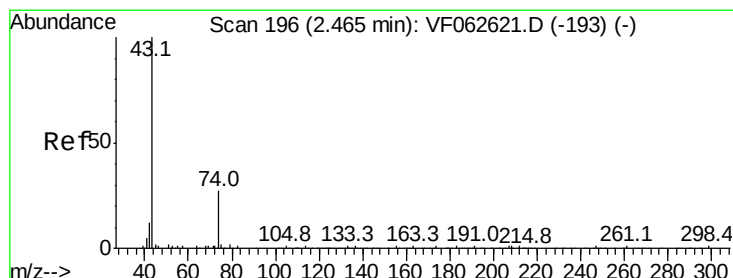
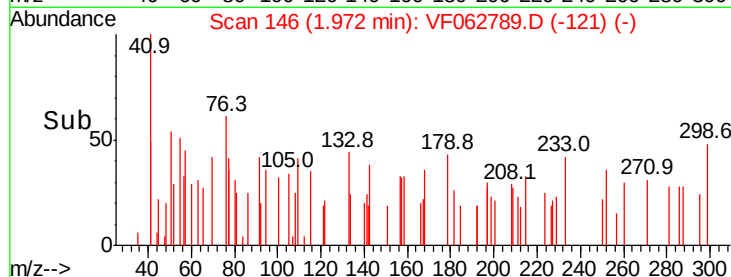
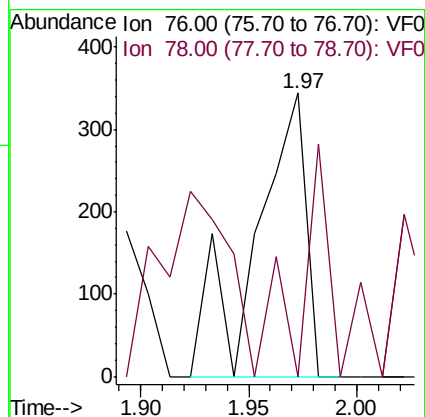
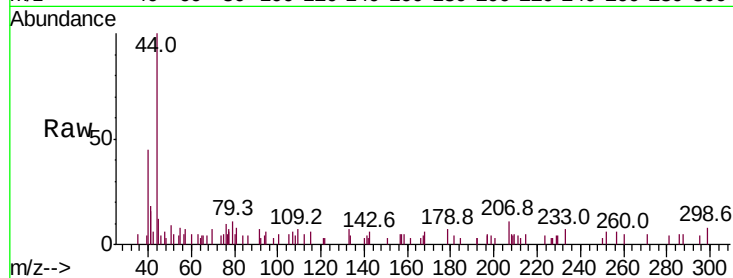
TEST-PIT-8RE

Tot Ion: 76 Resp: 554

Ion Ratio Lower Upper

76 100

78 0.0 8.4 12.6#



#18

Methyl Acetate

Concen: 714.272 ug/l

RT: 2.54 min Scan# 204

Delta R.T. 0.08 min

Lab File: VF062789.D

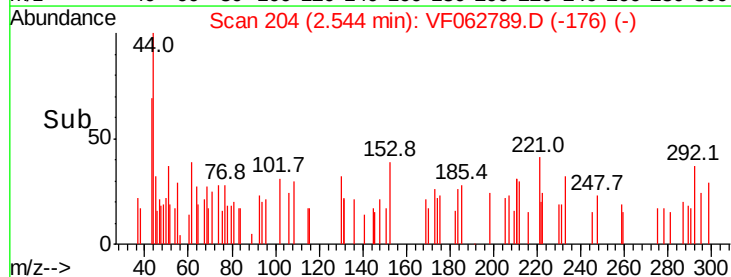
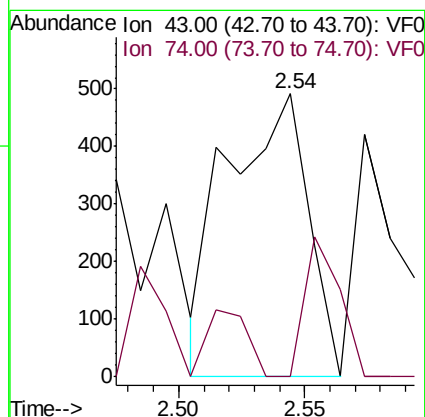
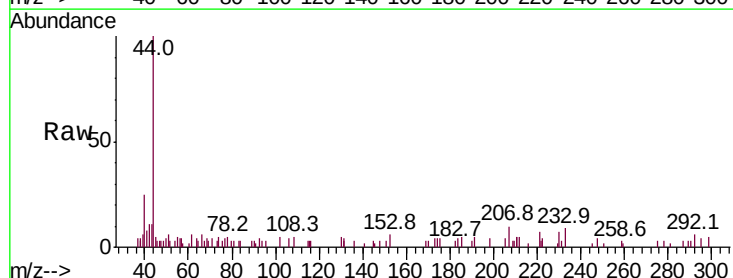
Acq: 29 May 2019 18:37

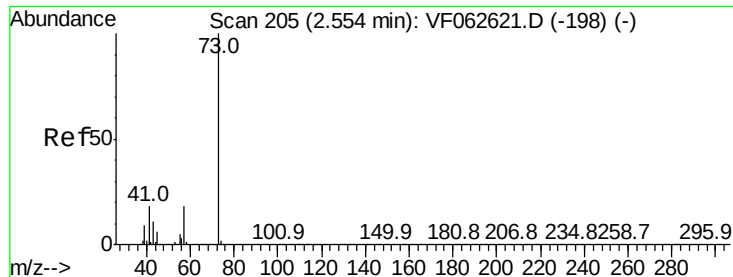
Tgt Ion: 43 Resp: 1105

Ion Ratio Lower Upper

43 100

74 0.0 18.9 28.3#



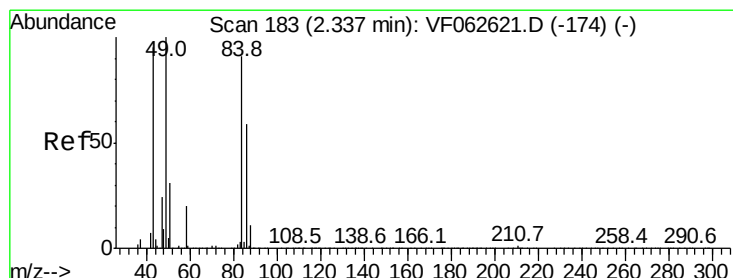
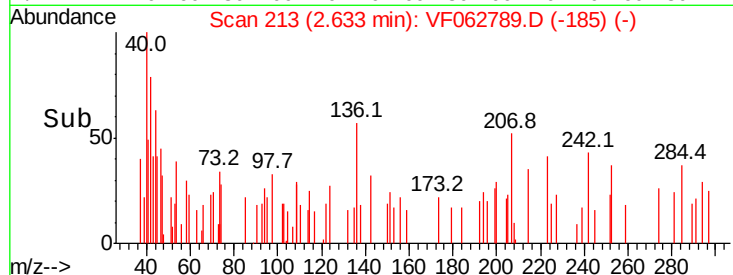
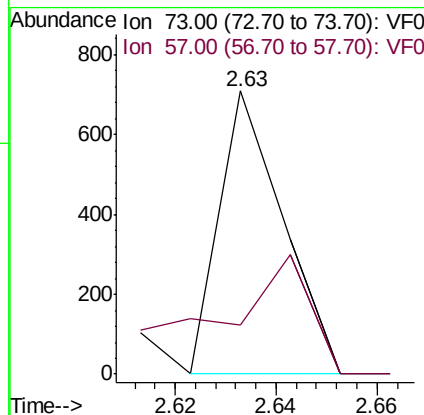
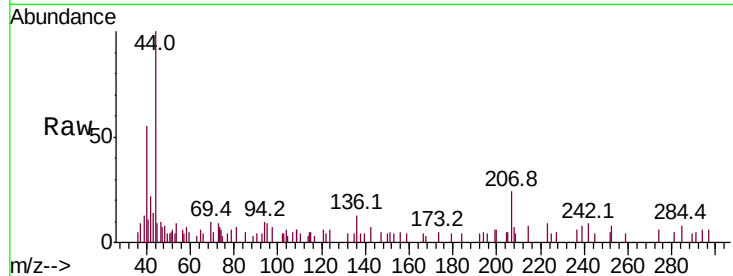


#19

Methyl tert-butyl Ether
 Concen: 71.779 ug/l
 RT: 2.63 min Scan# 213
 Delta R.T. 0.08 min
 Lab File: VF062789.D
 Acq: 29 May 2019 18:37

Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-8RE

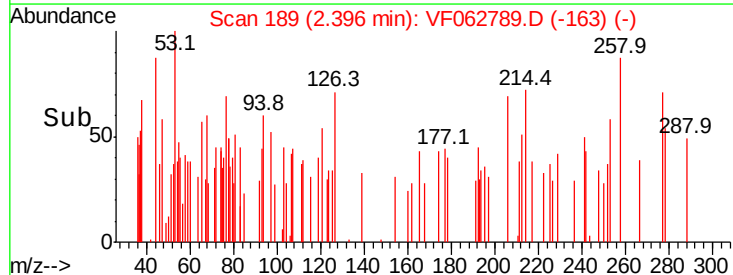
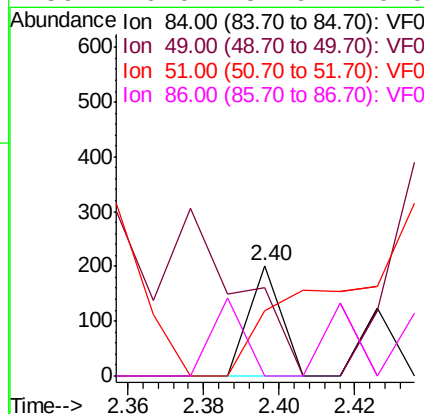
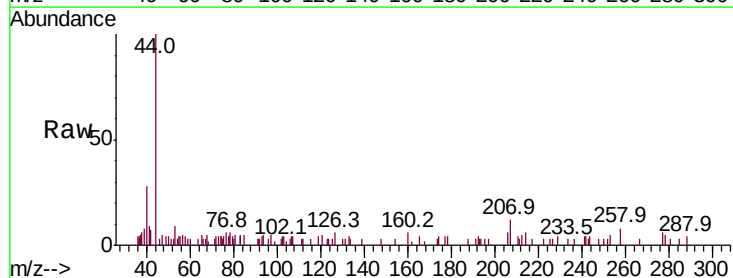
Tot Ion: 73 Resp: 619
 Ion Ratio Lower Upper
 73 100
 57 17.2 14.2 21.4

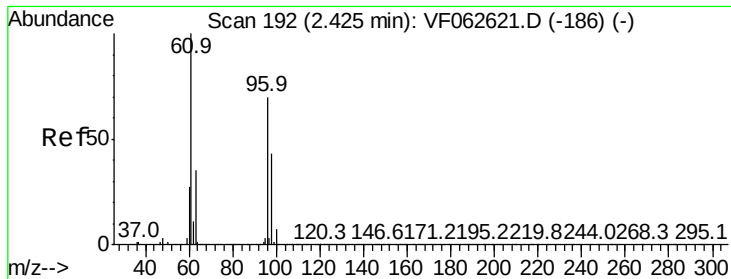


#20

Methylene Chloride
 Concen: 24.115 ug/l
 RT: 2.40 min Scan# 189
 Delta R.T. 0.06 min
 Lab File: VF062789.D
 Acq: 29 May 2019 18:37

Tgt Ion: 84 Resp: 119
 Ion Ratio Lower Upper
 84 100
 49 79.2 89.8 134.8#
 51 58.4 28.4 42.6#
 86 0.0 52.6 79.0#





#21

trans-1,2-Dichloroethene

Concen: 171.365 ug/l

RT: 2.49 min Scan# 198

Delta R.T. 0.06 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-8RE

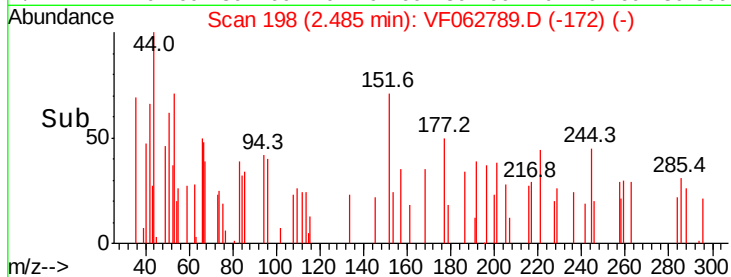
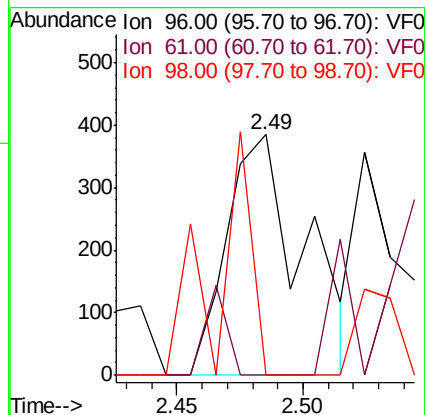
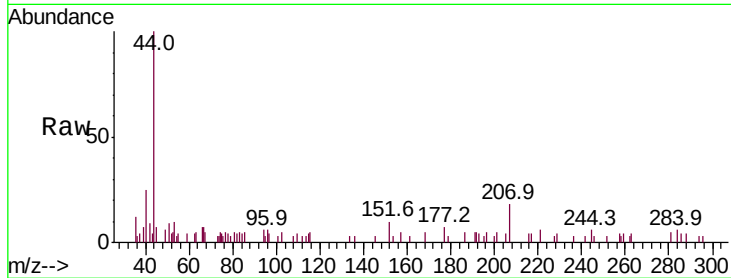
Tot Ion: 96 Resp: 808

Ion Ratio Lower Upper

96 100

61 0.0 114.6 171.8#

98 0.0 49.5 74.3#



#22

Diisopropyl ether

Concen: 23.959 ug/l

RT: 2.98 min Scan# 248

Delta R.T. 0.03 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Tgt Ion: 45 Resp: 258

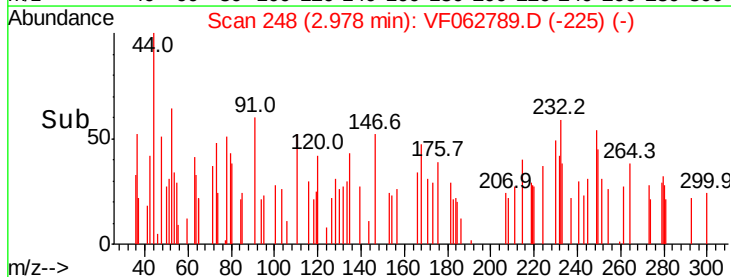
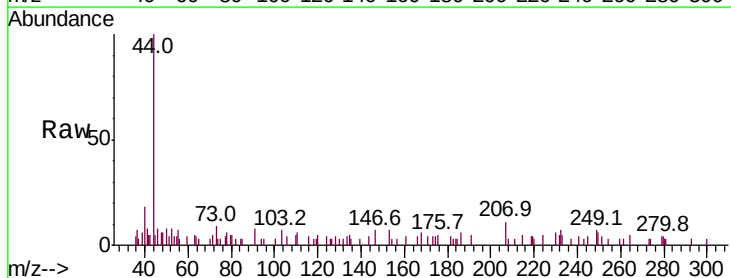
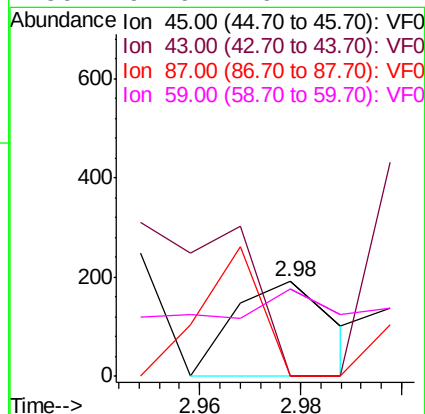
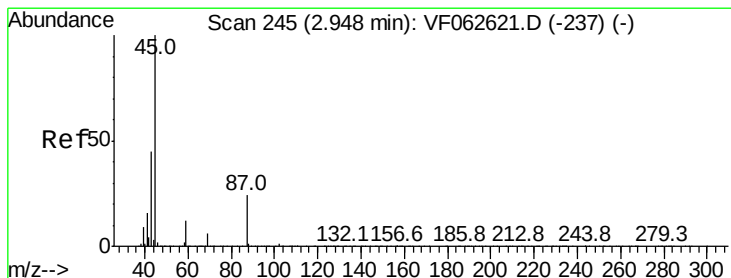
Ion Ratio Lower Upper

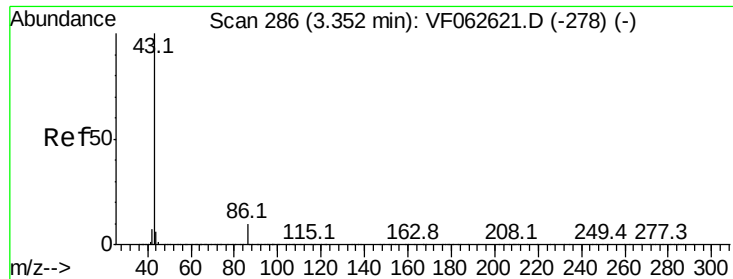
45 100

43 0.0 36.4 54.6#

87 0.0 19.3 28.9#

59 92.6 9.4 14.2#





#23

Vinyl Acetate

Concen: 166.438 ug/l

RT: 3.36 min Scan# 287

Delta R.T. 0.01 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

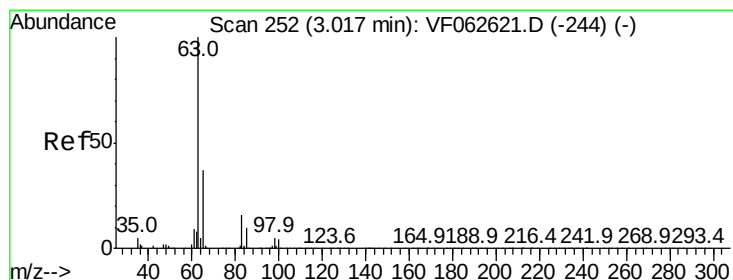
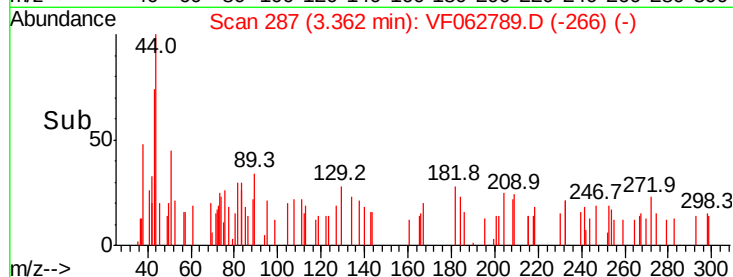
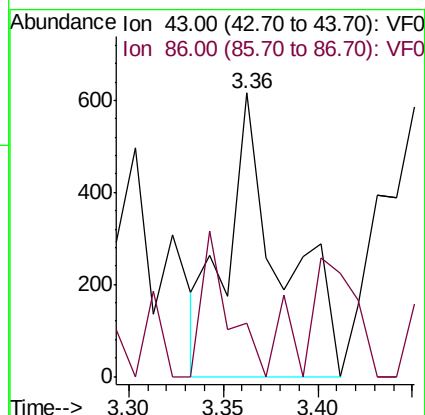
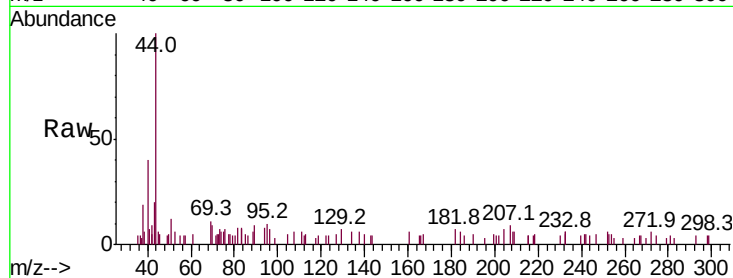
TEST-PIT-8RE

Tot Ion: 43 Resp: 1209

Ion Ratio Lower Upper

43 100

86 18.8 8.2 12.2#



#24

1,1-Dichloroethane

Concen: 70.637 ug/l

RT: 3.06 min Scan# 256

Delta R.T. 0.04 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

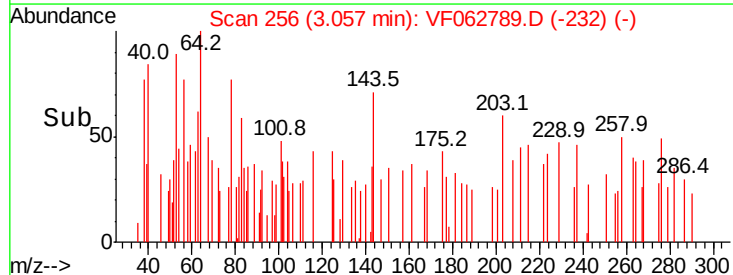
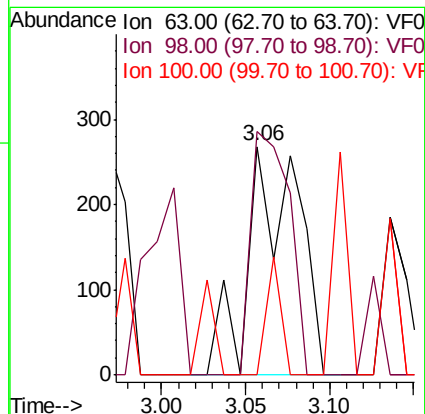
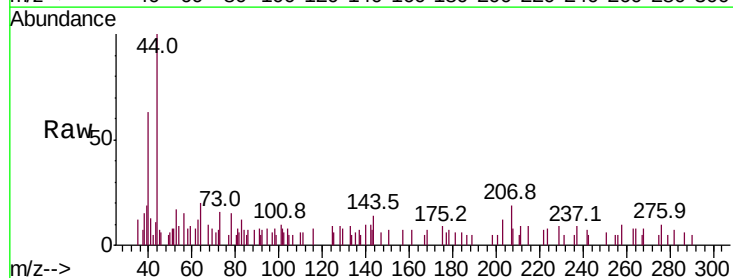
Tgt Ion: 63 Resp: 558

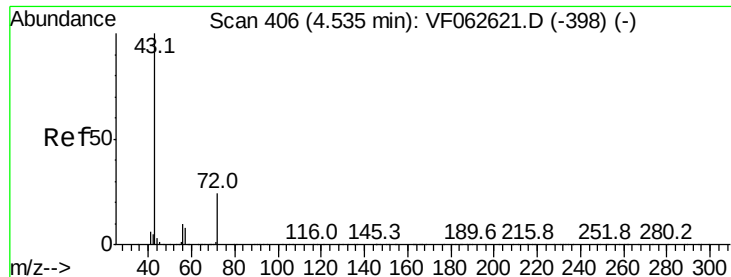
Ion Ratio Lower Upper

63 100

98 106.7 2.8 8.3#

100 0.0 1.9 5.7#





#25

2-Butanone

Concen: 402.223 ug/l

RT: 4.62 min Scan# 415

Delta R.T. 0.09 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

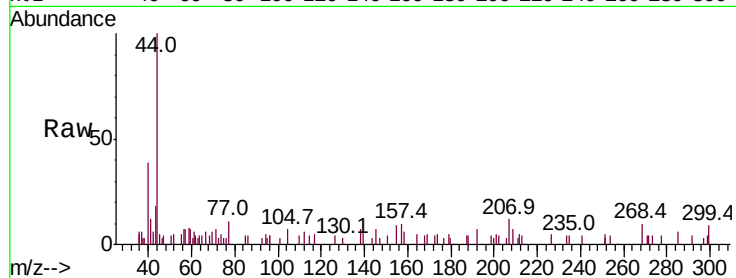
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-8RE

Tot Ion: 43 Resp: 846

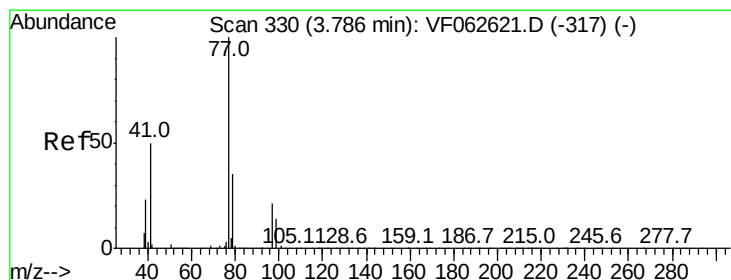
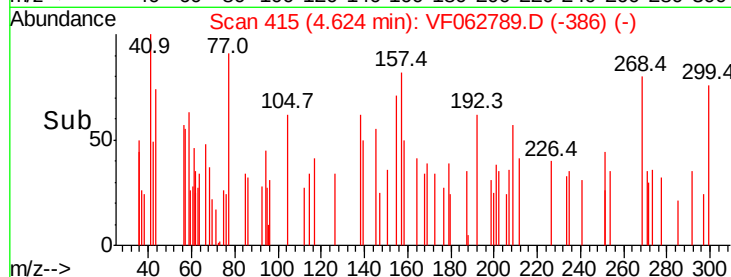
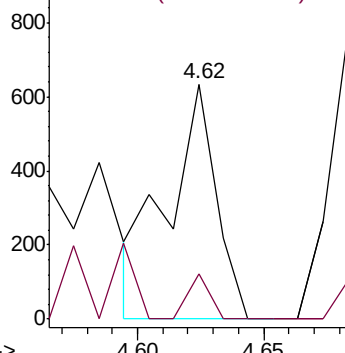
Ion Ratio Lower Upper

43 100

72 19.1 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 154.651 ug/l

RT: 3.81 min Scan# 332

Delta R.T. 0.02 min

Lab File: VF062789.D

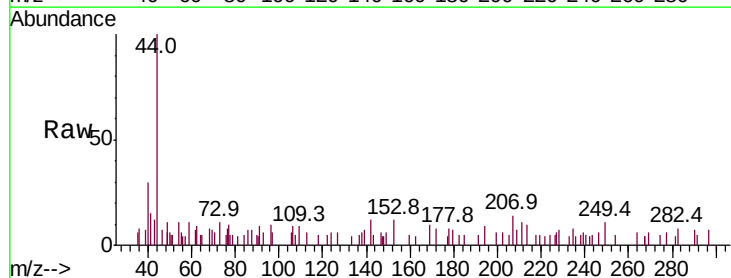
Acq: 29 May 2019 18:37

Tgt Ion: 77 Resp: 699

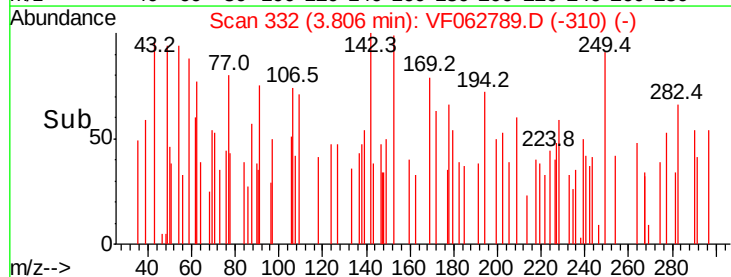
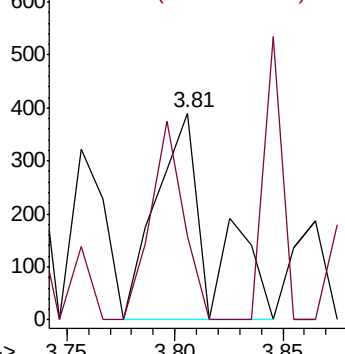
Ion Ratio Lower Upper

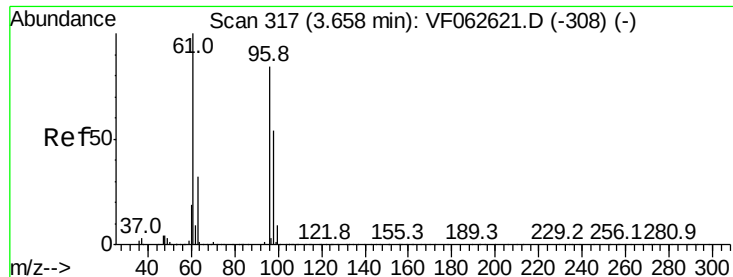
77 100

97 40.4 14.1 42.4



Abundance Ion 77.00 (76.70 to 77.70): VF0
Ion 97.00 (96.70 to 97.70): VF0



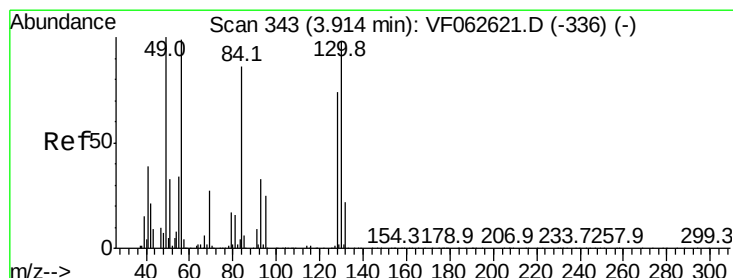
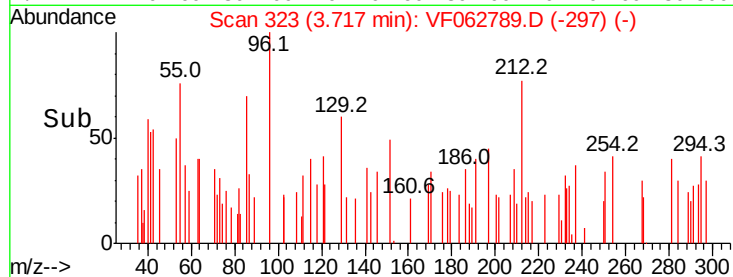
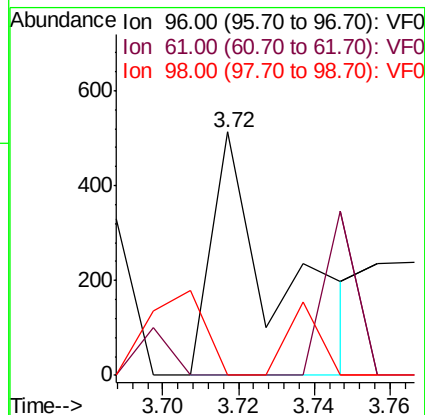
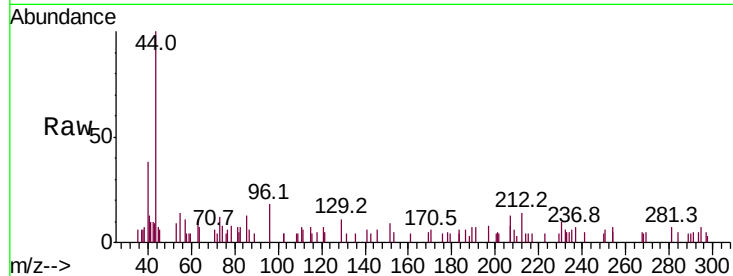


#27

cis-1,2-Dichloroethene
Concen: 79.939 ug/l
RT: 3.72 min Scan# 323
Delta R.T. 0.06 min
Lab File: VF062789.D
Acq: 29 May 2019 18:37

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-8RE

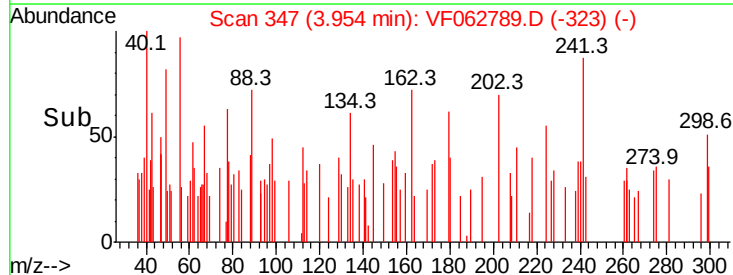
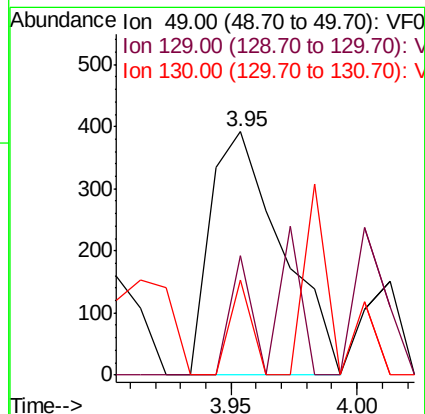
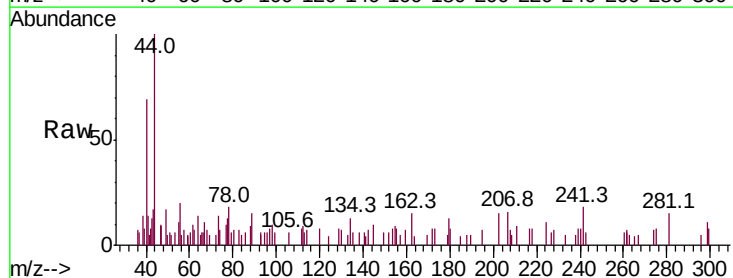
Tot Ion: 96 Resp: 620
Ion Ratio Lower Upper
96 100
61 0.0 0.0 237.4
98 0.0 0.0 129.0

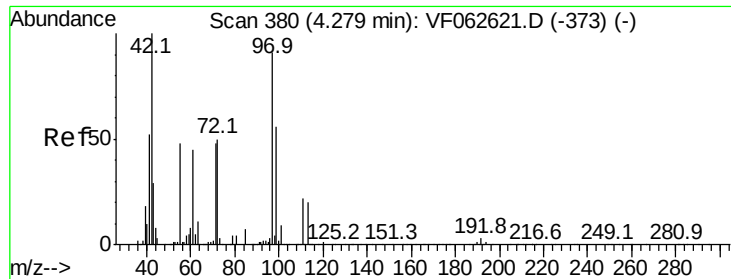


#28

Bromochloromethane
Concen: 173.797 ug/l
RT: 3.95 min Scan# 347
Delta R.T. 0.04 min
Lab File: VF062789.D
Acq: 29 May 2019 18:37

Tgt Ion: 49 Resp: 770
Ion Ratio Lower Upper
49 100
129 49.0 0.0 4.0#
130 39.3 77.8 116.8#





#29

Tetrahydrofuran

Concen: 1138.476 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.05 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

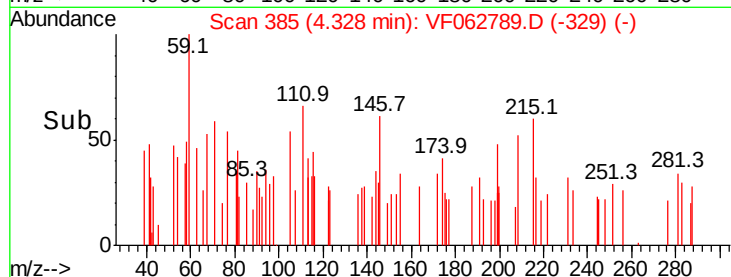
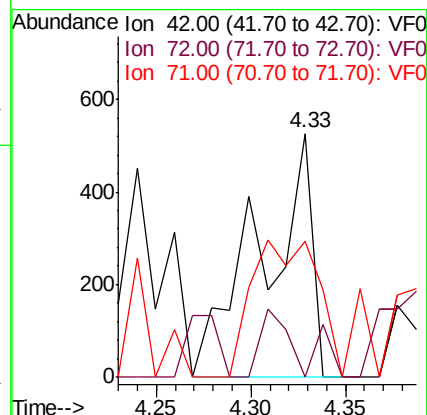
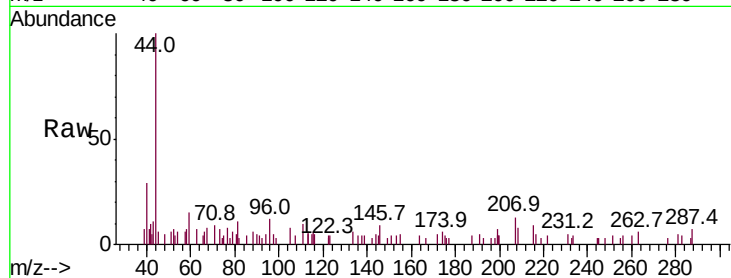
Tot Ion: 42 Resp: 969

Ion Ratio Lower Upper

42 100

72 22.3 38.2 57.2#

71 74.2 35.8 53.6#



#30

Chloroform

Concen: 29.267 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.07 min

Lab File: VF062789.D

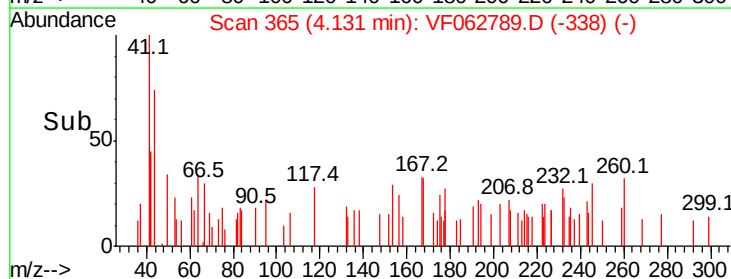
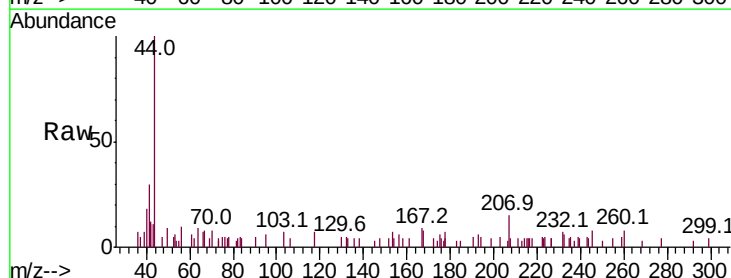
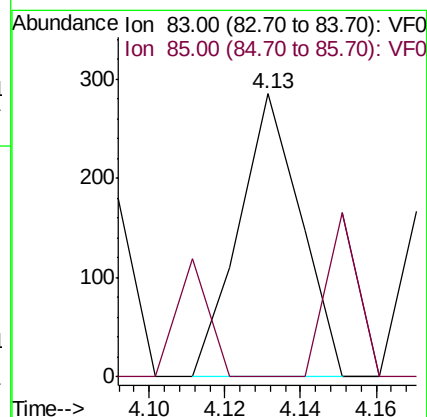
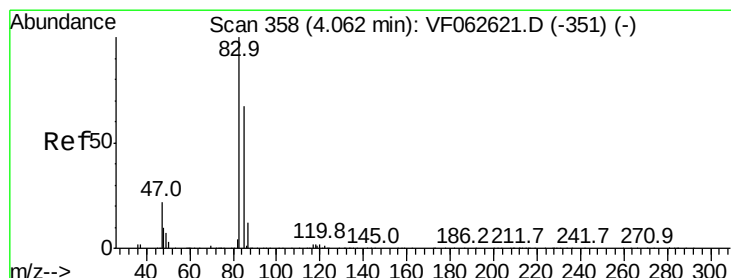
Acq: 29 May 2019 18:37

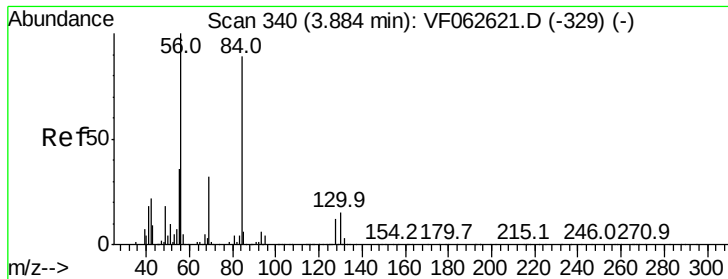
Tgt Ion: 83 Resp: 321

Ion Ratio Lower Upper

83 100

85 0.0 53.6 80.4#





#31

Cyclohexane

Concen: 56.002 ug/l

RT: 3.91 min Scan# 343

Delta R.T. 0.03 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

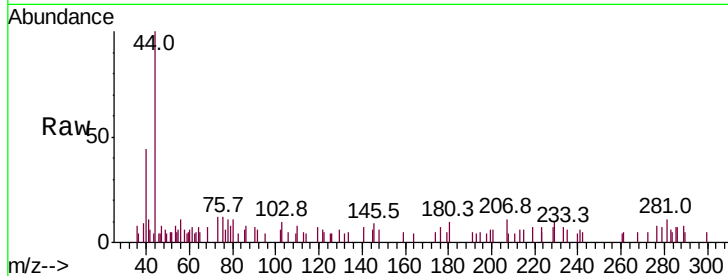
Tot Ion: 56 Resp: 594

Ion Ratio Lower Upper

56 100

69 0.0 25.3 37.9#

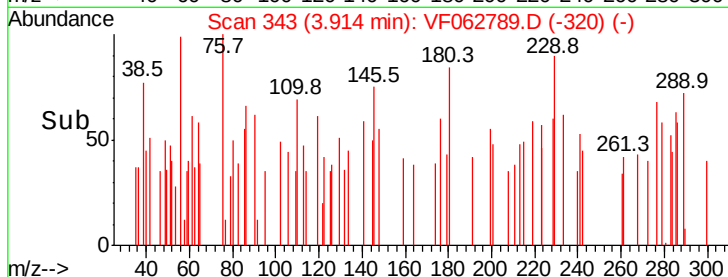
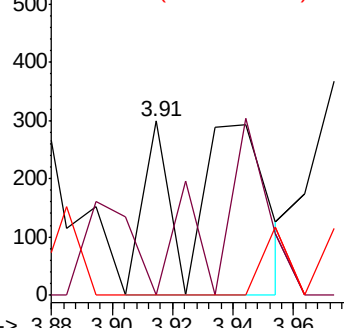
84 0.0 71.0 106.4#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



#32

1,1,1-Trichloroethane

Concen: 52.993 ug/l

RT: 4.35 min Scan# 387

Delta R.T. 0.05 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

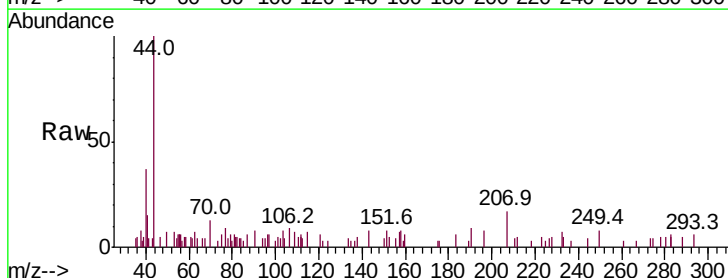
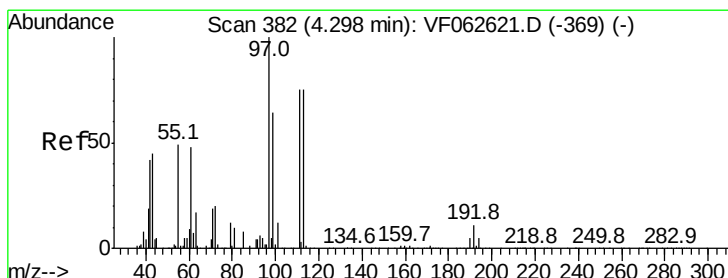
Tgt Ion: 97 Resp: 386

Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

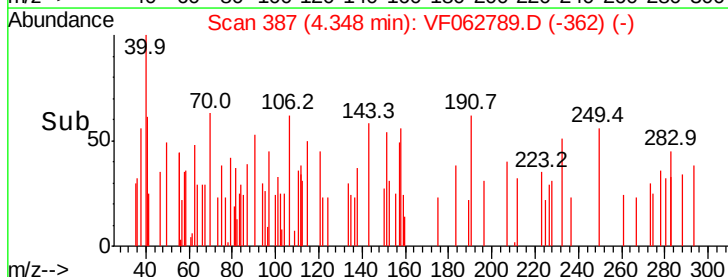
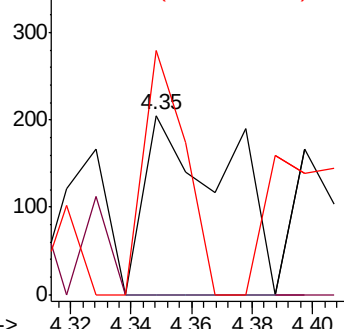
61 136.1 38.2 57.2#

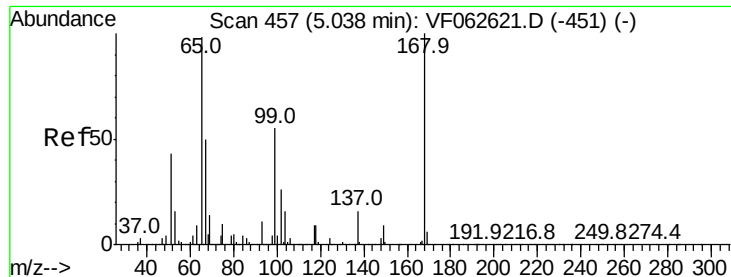


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 80.375 ug/l

RT: 5.11 min Scan# 464

Delta R.T. 0.07 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

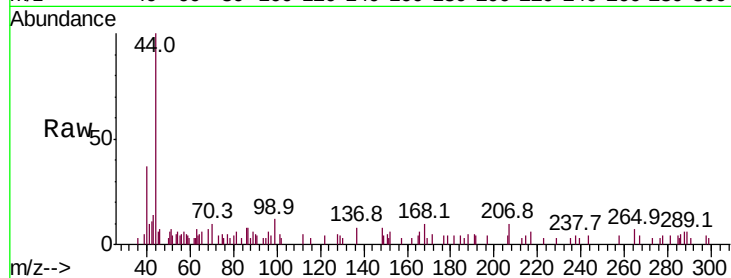
TEST-PIT-8RE

Tot Ion: 65 Resp: 305

Ion Ratio Lower Upper

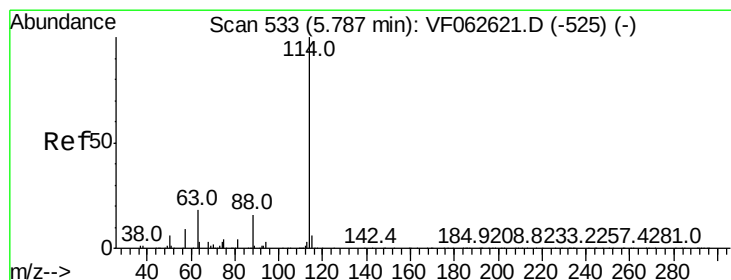
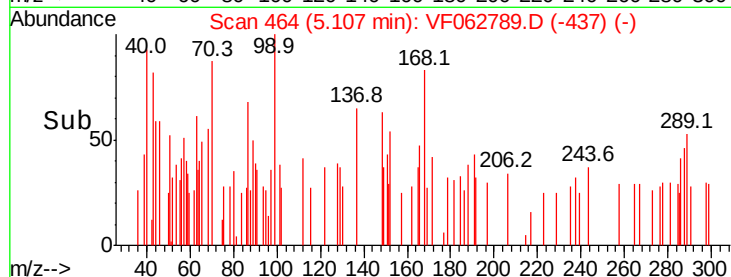
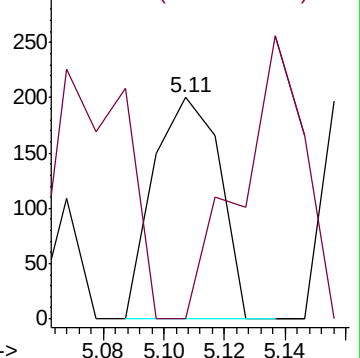
65 100

67 0.0 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 521

Delta R.T. -0.12 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

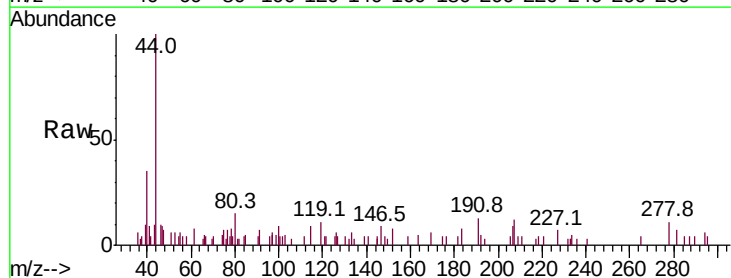
Tgt Ion: 114 Resp: 295

Ion Ratio Lower Upper

114 100

63 0.0 0.0 35.4

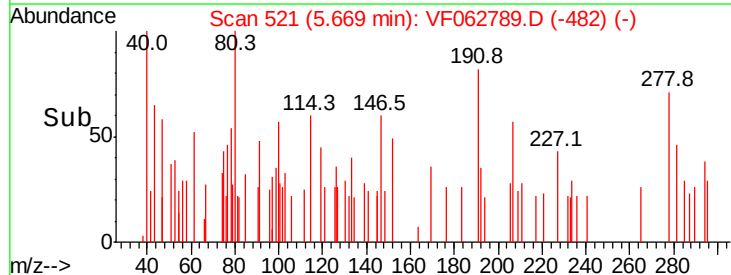
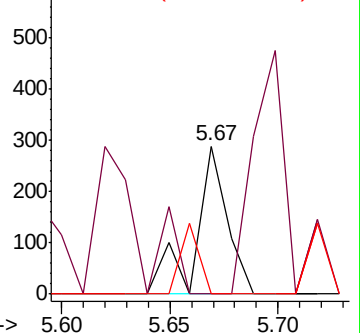
88 0.0 0.0 32.4

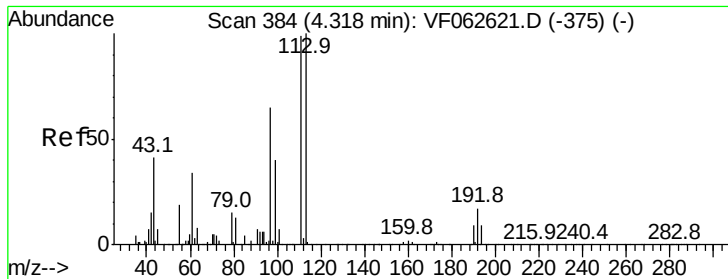


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 65.564 ug/l

RT: 4.21 min Scan# 373

Delta R.T. -0.11 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

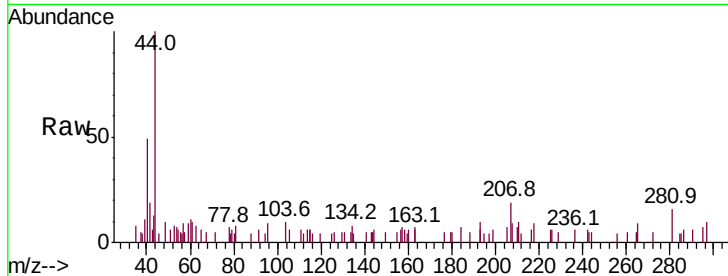
Tot Ion:113 Resp: 148

Ion Ratio Lower Upper

113 100

111 0.0 79.4 119.2#

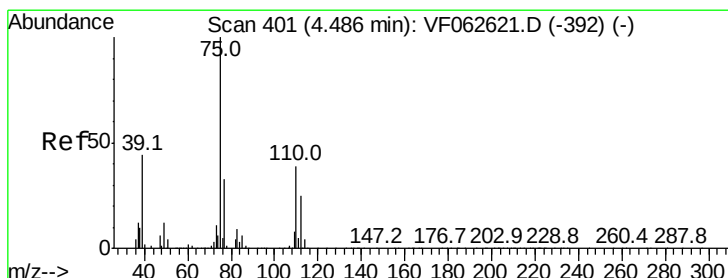
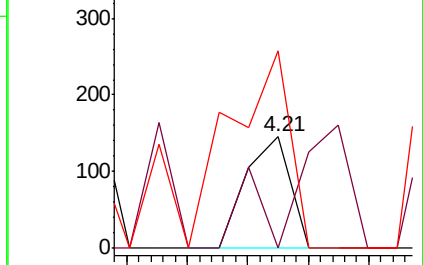
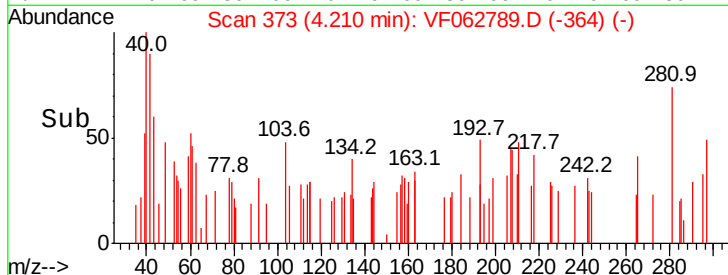
192 177.2 13.4 20.2#



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: 407.895 ug/l

RT: 4.24 min Scan# 376

Delta R.T. -0.25 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

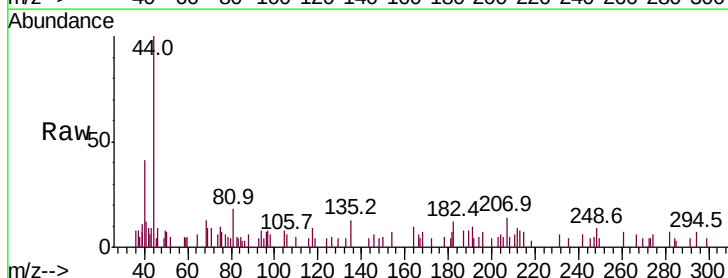
Tgt Ion: 75 Resp: 1233

Ion Ratio Lower Upper

75 100

110 30.7 19.7 59.1

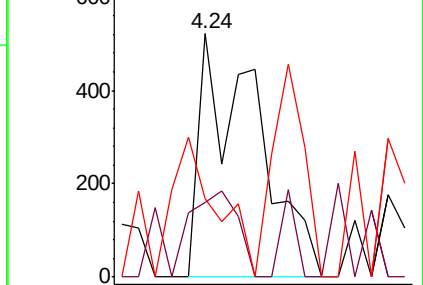
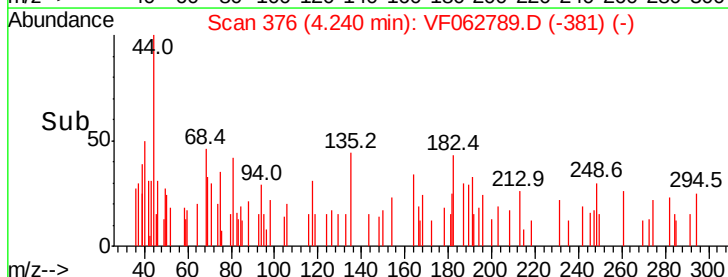
77 32.4 26.3 39.5

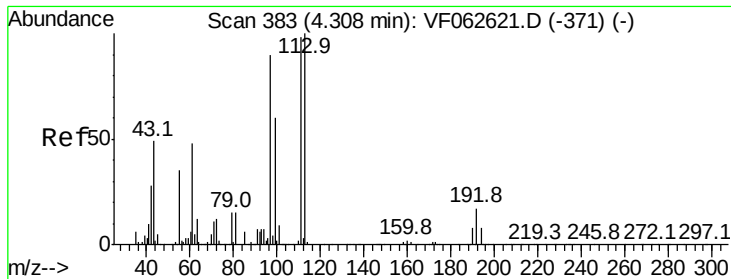


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

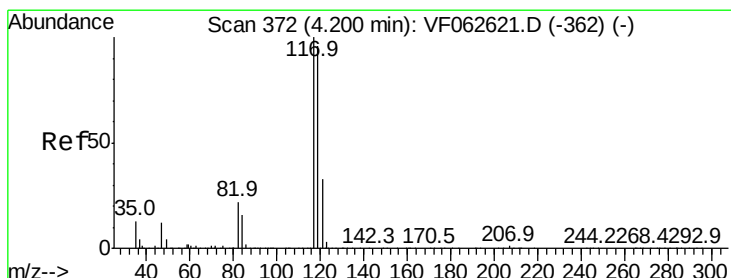
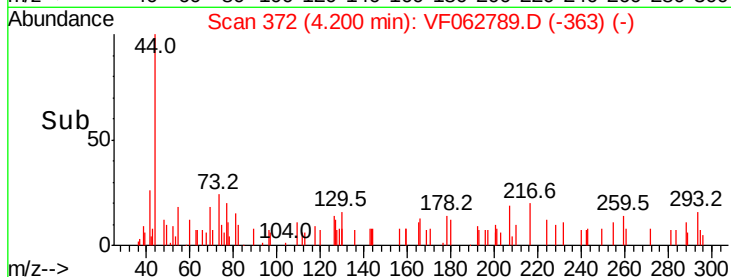
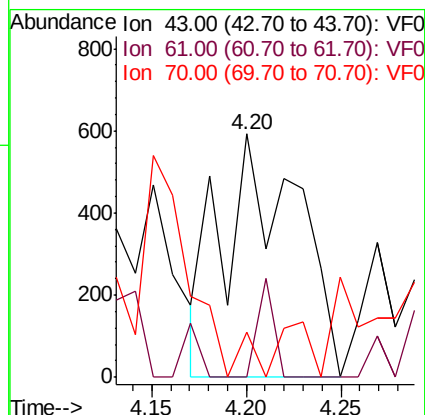
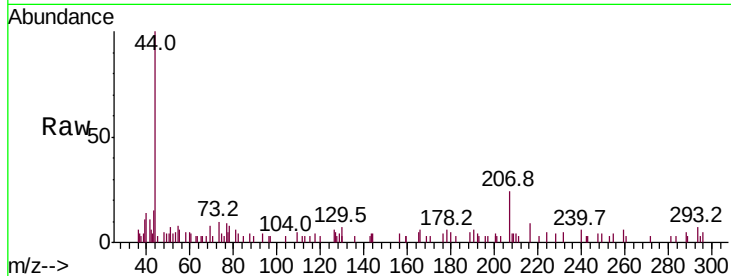




#37
Ethyl Acetate
Concen: 1332.005 ug/l
RT: 4.20 min Scan# 372
Delta R.T. -0.11 min
Lab File: VF062789.D
Acq: 29 May 2019 18:37

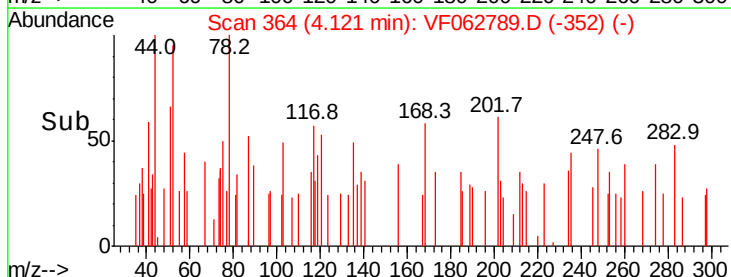
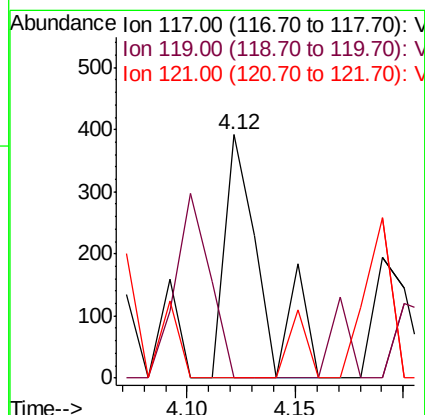
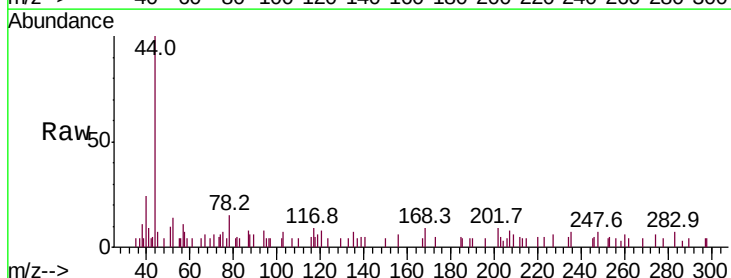
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-8RE

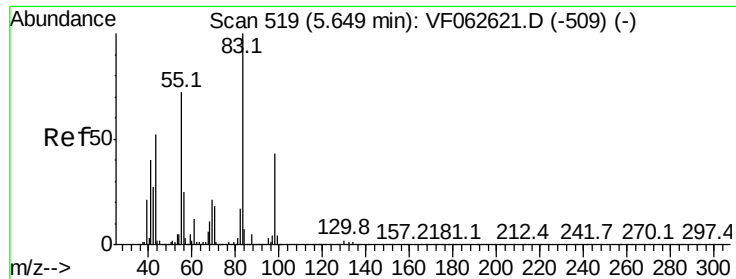
Tot Ion: 43 Resp: 1644
Ion Ratio Lower Upper
43 100
61 0.0 76.9 115.3#
70 18.7 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 209.377 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.08 min
Lab File: VF062789.D
Acq: 29 May 2019 18:37

Tgt Ion: 117 Resp: 476
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
121 0.0 26.6 40.0#





#39

Methylcyclohexane

Concen: 102.550 ug/l

RT: 5.51 min Scan# 505

Delta R.T. -0.14 min

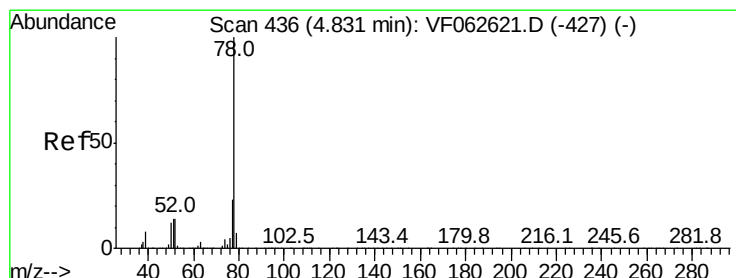
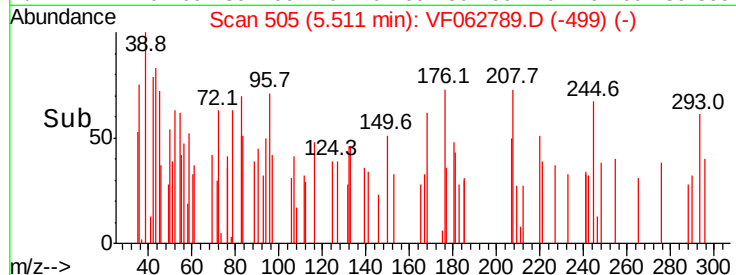
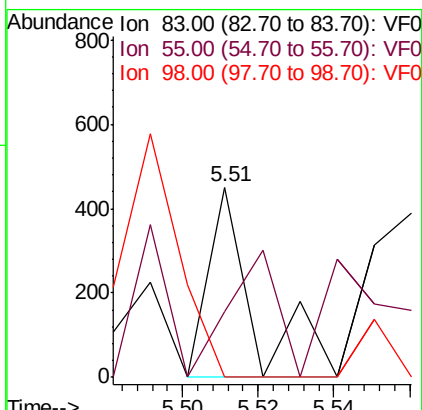
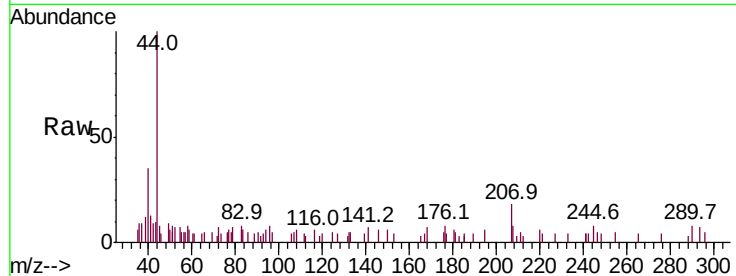
Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-8RE

Tot Ion: 83 Resp: 373

Ion	Ratio	Lower	Upper
83	100		
55	34.4	57.9	86.9#
98	0.0	34.6	52.0#



#40

Benzene

Concen: 30.115 ug/l

RT: 4.74 min Scan# 427

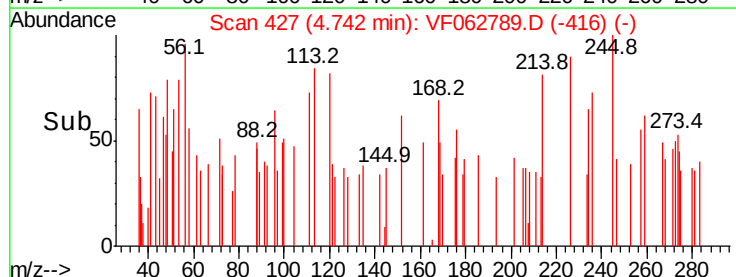
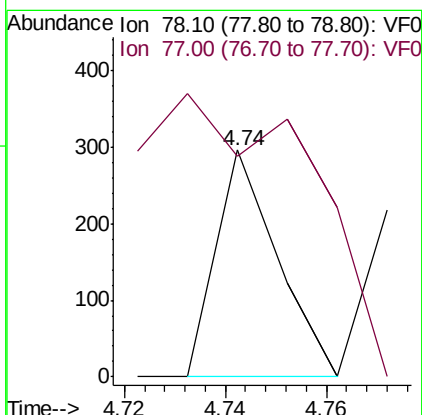
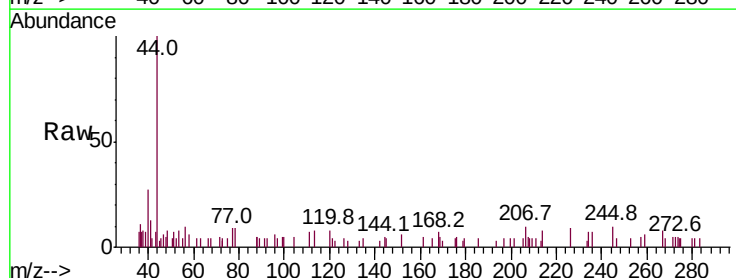
Delta R.T. -0.09 min

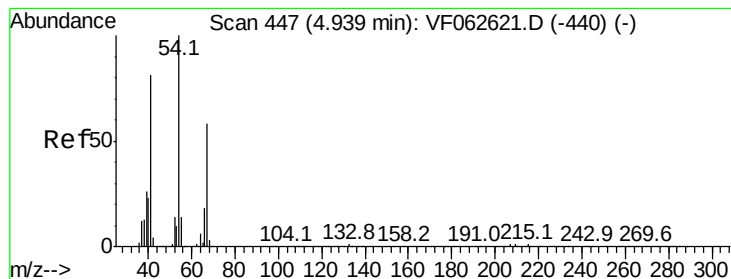
Lab File: VF062789.D

Acq: 29 May 2019 18:37

Tgt Ion: 78 Resp: 248

Ion	Ratio	Lower	Upper
78	100		
77	97.0	18.2	27.2#





#41

Methacrylonitrile

Concen: 910.253 ug/l

RT: 4.82 min Scan# 435

Delta R.T. -0.12 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

Tot Ion: 41 Resp: 589

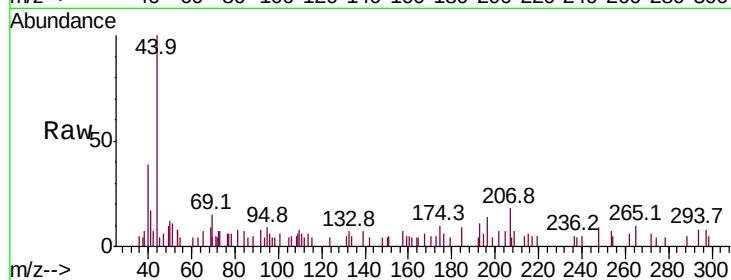
Ion Ratio Lower Upper

41 100

39 0.0 42.2 63.2#

67 0.0 56.4 84.6#

52 0.0 38.8 58.2#

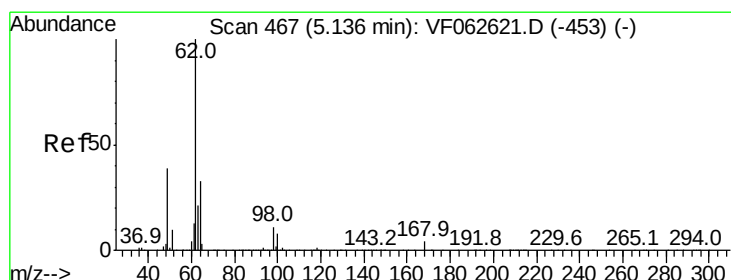
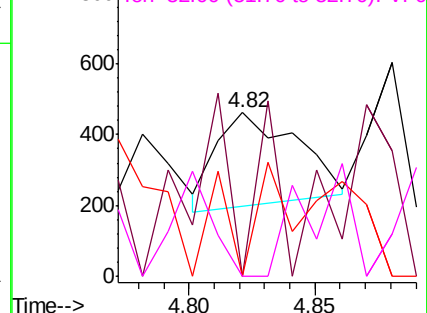
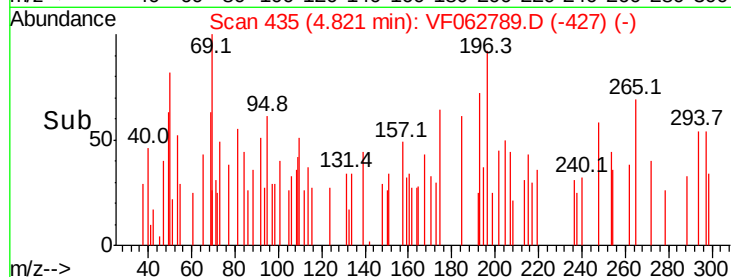


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 171.112 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.14 min

Lab File: VF062789.D

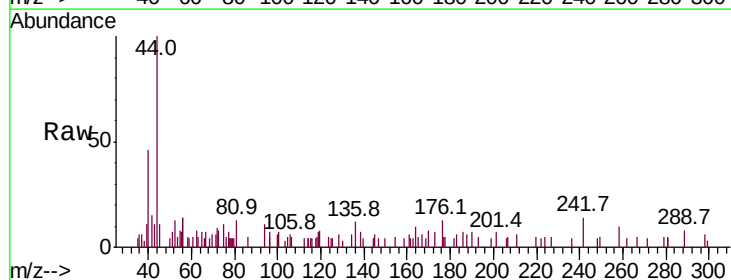
Acq: 29 May 2019 18:37

Tgt Ion: 62 Resp: 281

Ion Ratio Lower Upper

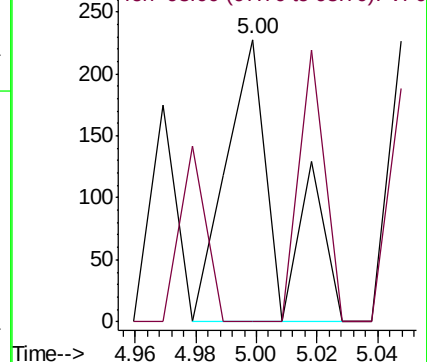
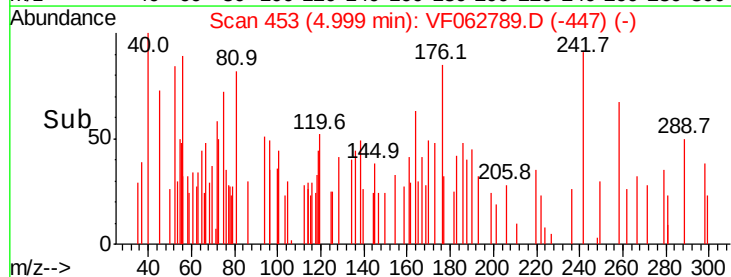
62 100

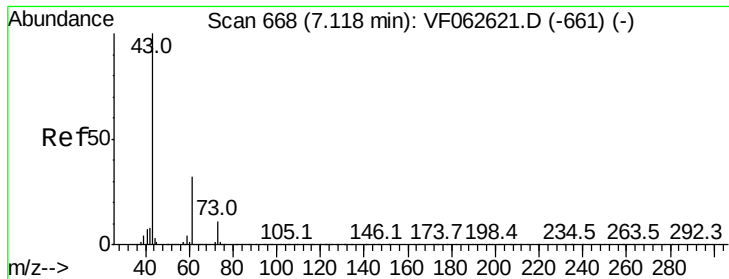
98 0.0 0.0 21.6



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 683.556 ug/l

RT: 6.95 min Scan# 651

Delta R.T. -0.17 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

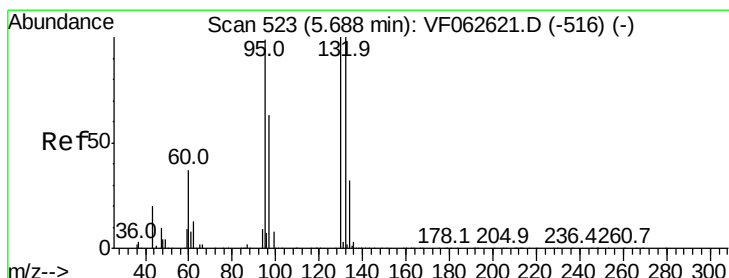
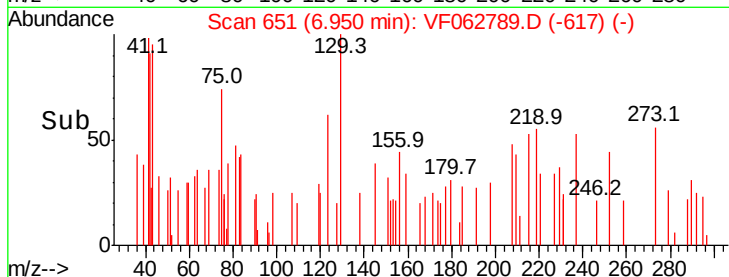
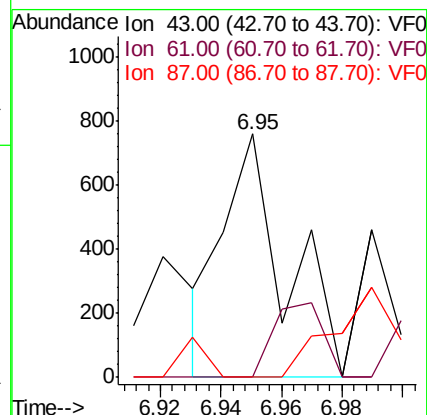
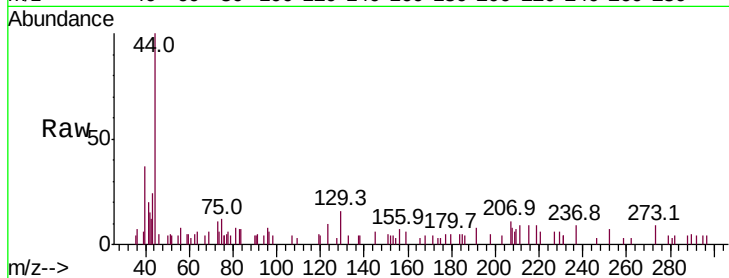
Tot Ion: 43 Resp: 1093

Ion Ratio Lower Upper

43 100

61 0.0 25.8 38.8#

87 0.0 0.4 0.6#



#44

Trichloroethene

Concen: 67.833 ug/l

RT: 5.54 min Scan# 508

Delta R.T. -0.15 min

Lab File: VF062789.D

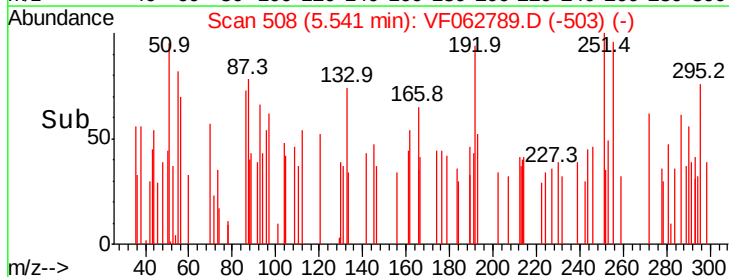
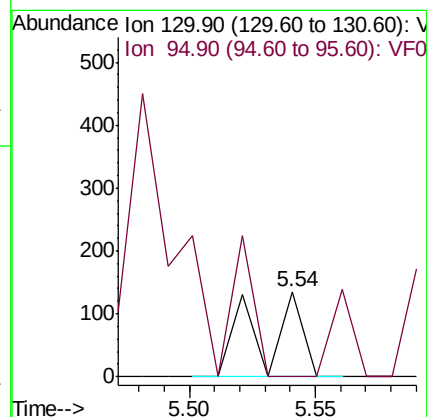
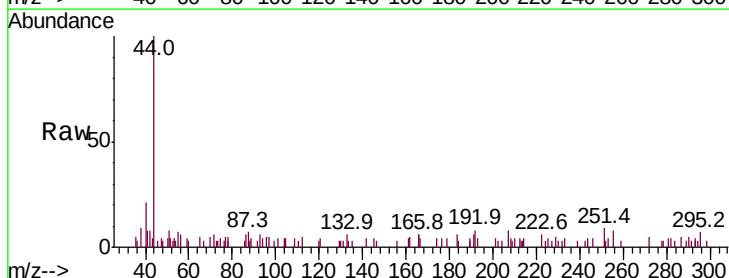
Acq: 29 May 2019 18:37

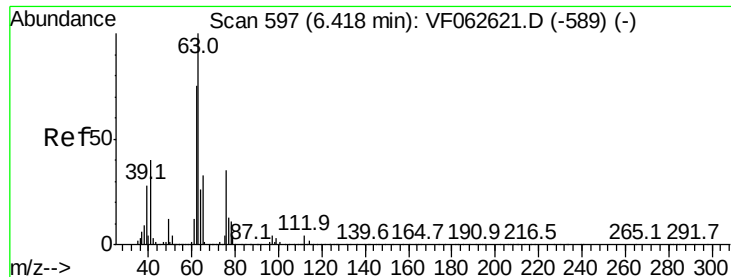
Tgt Ion:130 Resp: 157

Ion Ratio Lower Upper

130 100

95 0.0 0.0 199.4





#45

1,2-Dichloropropane

Concen: 275.157 ug/l

RT: 6.37 min Scan# 592

Delta R.T. -0.05 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

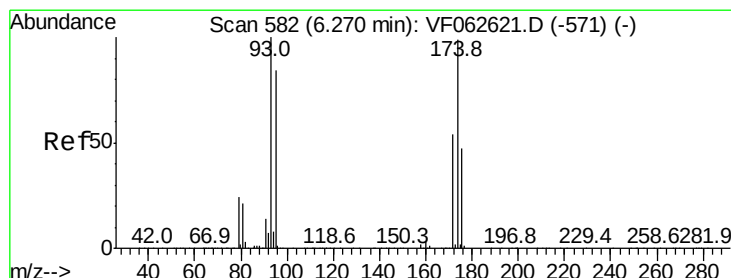
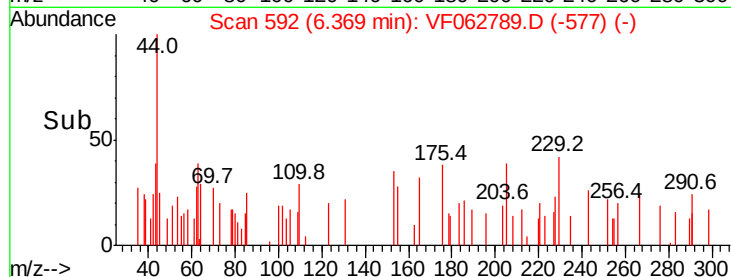
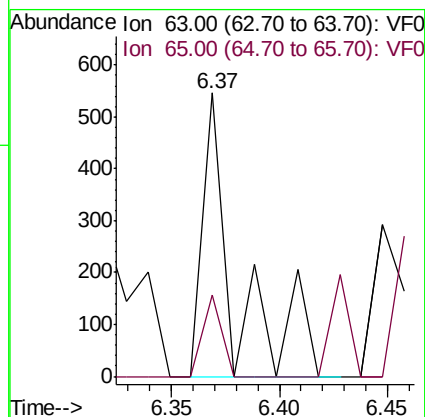
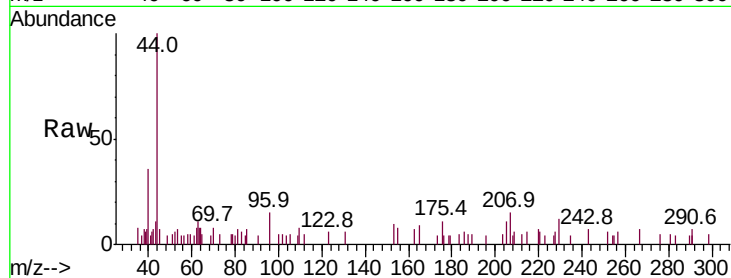
TEST-PIT-8RE

Tot Ion: 63 Resp: 572

Ion Ratio Lower Upper

63 100

65 28.6 26.3 39.5



#46

Dibromomethane

Concen: 154.819 ug/l

RT: 6.11 min Scan# 566

Delta R.T. -0.16 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

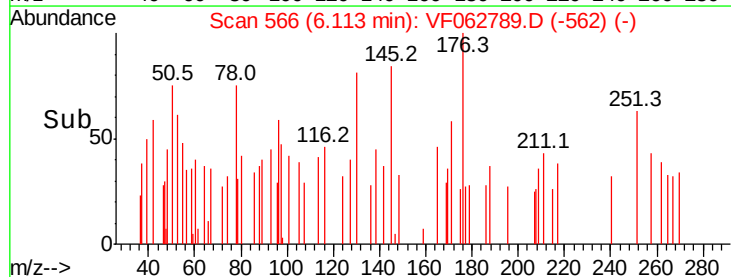
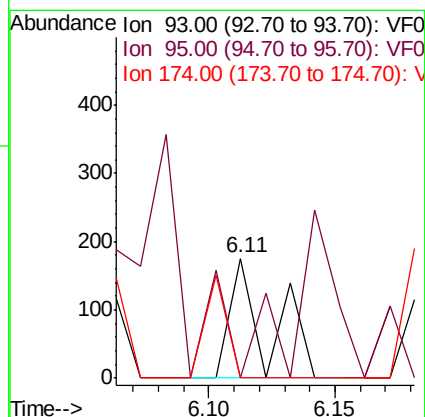
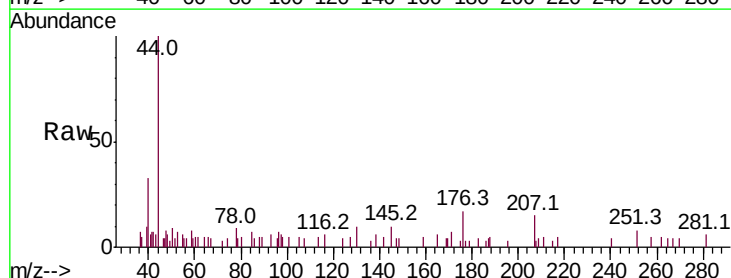
Tgt Ion: 93 Resp: 186

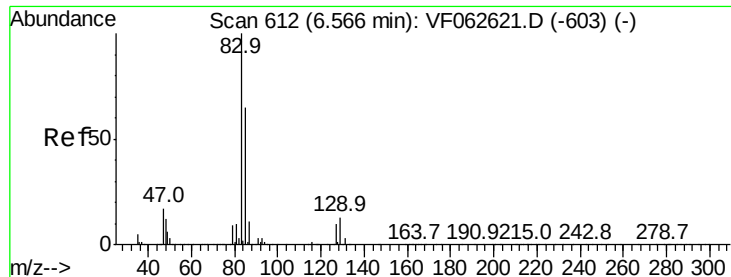
Ion Ratio Lower Upper

93 100

95 0.0 67.4 101.2#

174 58.3 79.4 119.2#





#47

Bromodichloromethane

Concen: 223.325 ug/l

RT: 6.41 min Scan# 596

Delta R.T. -0.16 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

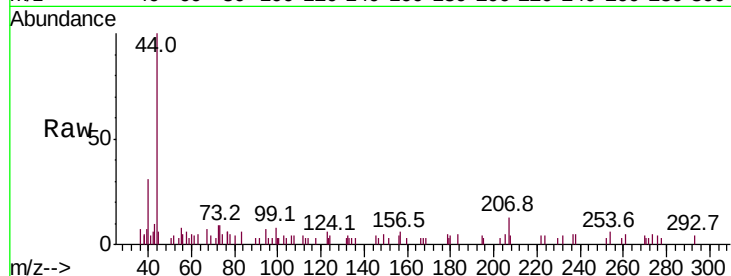
Tot Ion: 83 Resp: 557

Ion Ratio Lower Upper

83 100

85 0.0 52.0 78.0#

127 0.0 7.7 11.5#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V

400

300

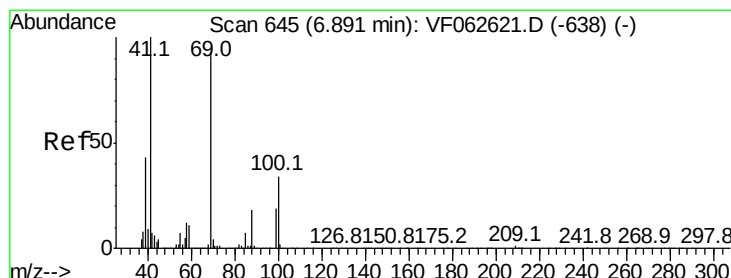
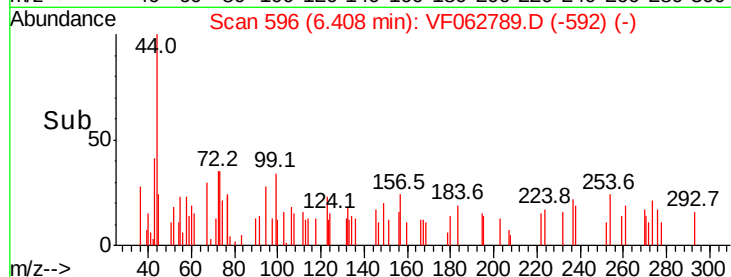
200

100

0

6.35 6.40 6.45 6.50

Time-->



#48

Methyl methacrylate

Concen: 1822.282 ug/l

RT: 6.75 min Scan# 631

Delta R.T. -0.14 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

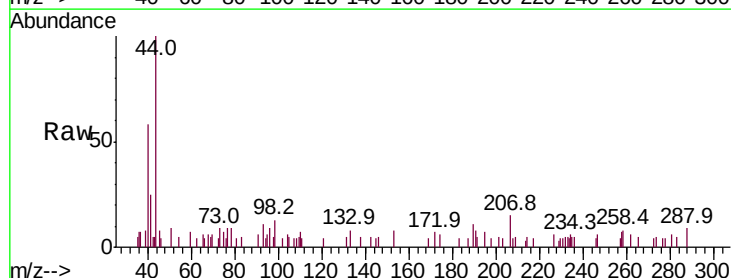
Tgt Ion: 41 Resp: 1523

Ion Ratio Lower Upper

41 100

69 41.8 74.2 111.2#

39 31.6 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

1000

800

600

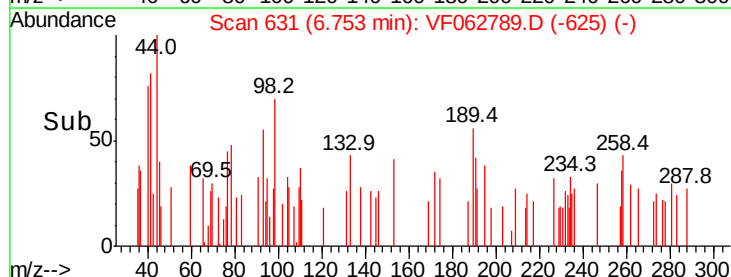
400

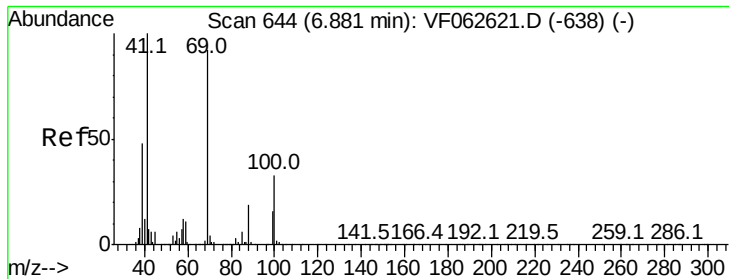
200

0

6.70 6.75

Time-->

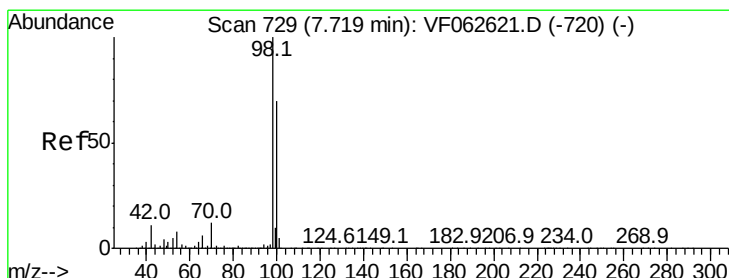
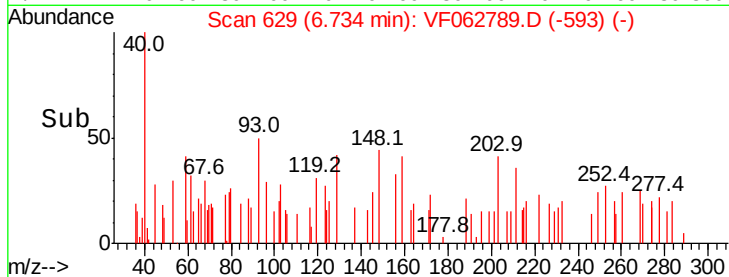
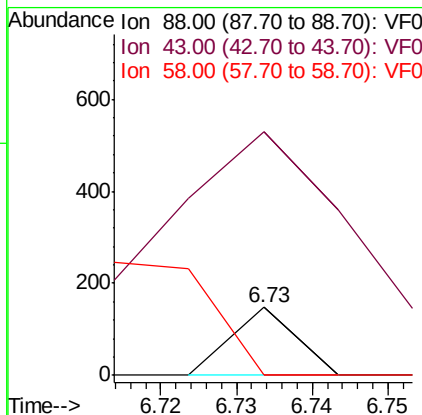
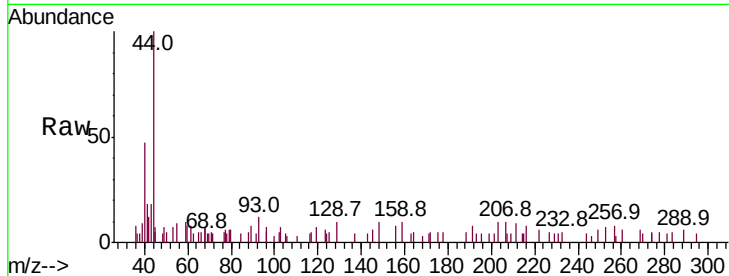




#49
1,4-Dioxane
Concen: 8127.481 ug/l
RT: 6.73 min Scan# 629
Delta R.T. -0.15 min
Lab File: VF062789.D
Acq: 29 May 2019 18:37

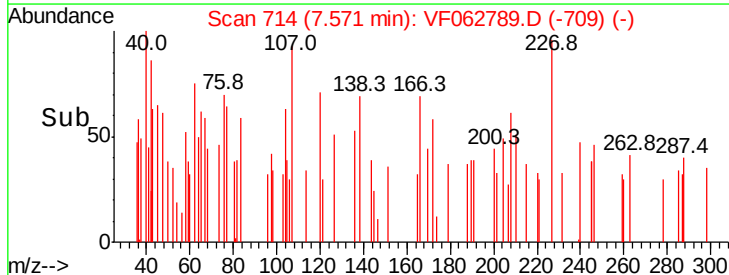
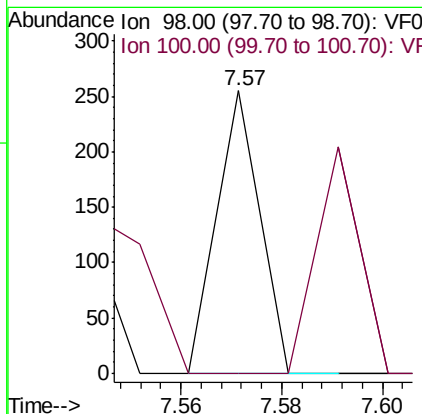
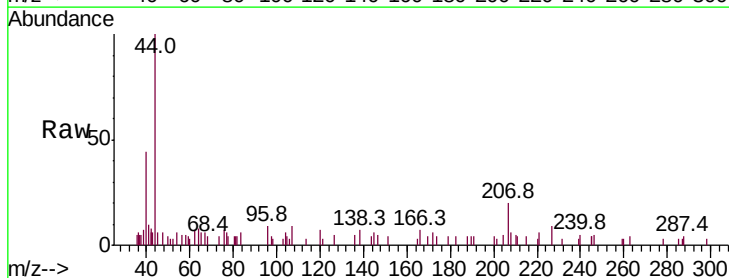
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-8RE

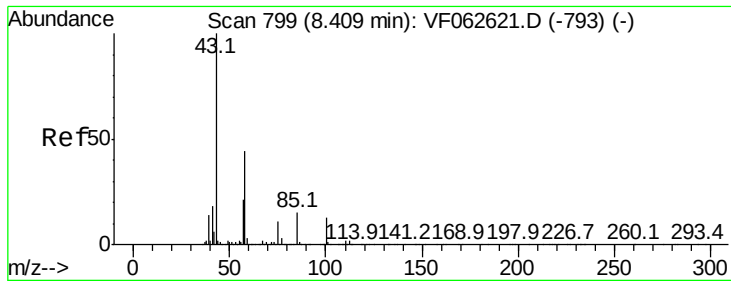
Tot Ion: 88 Resp: 87
Ion Ratio Lower Upper
88 100
43 357.4 30.0 45.0#
58 0.0 51.1 76.7#



#50
Toluene-d8
Concen: 28.016 ug/l
RT: 7.57 min Scan# 714
Delta R.T. -0.15 min
Lab File: VF062789.D
Acq: 29 May 2019 18:37

Tgt Ion: 98 Resp: 151
Ion Ratio Lower Upper
98 100
100 0.0 56.2 84.2#





#51

4-Methyl-2-Pentanone

Concen: 1501.411 ug/l

RT: 8.21 min Scan# 779

Delta R.T. -0.20 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

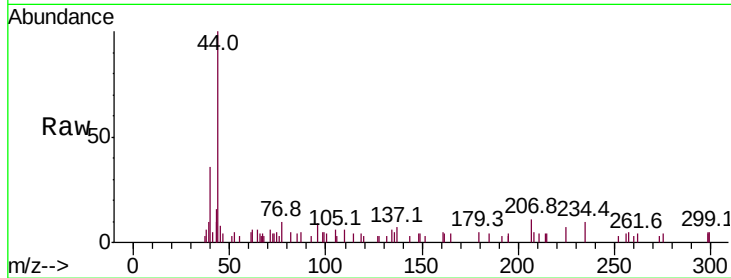
TEST-PIT-8RE

Tot Ion: 43 Resp: 1641

Ion Ratio Lower Upper

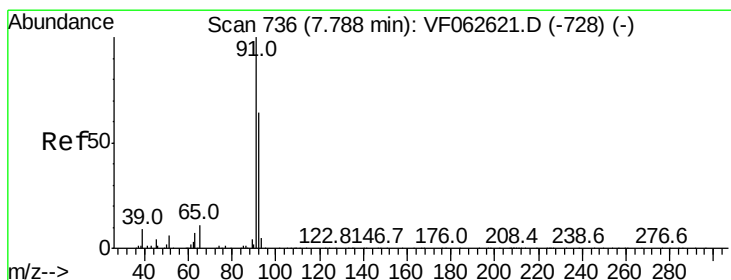
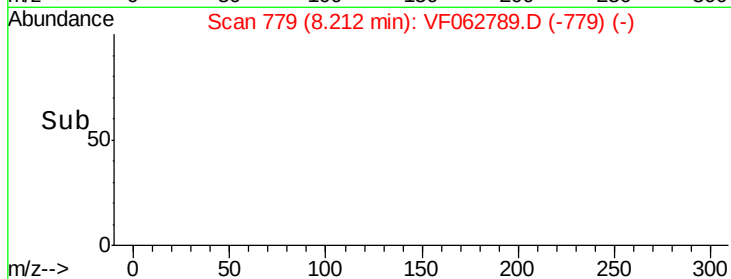
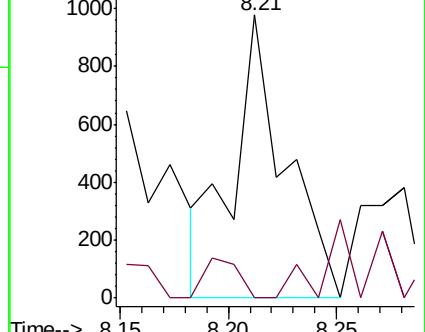
43 100

58 0.0 34.9 52.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 48.856 ug/l

RT: 7.72 min Scan# 729

Delta R.T. -0.07 min

Lab File: VF062789.D

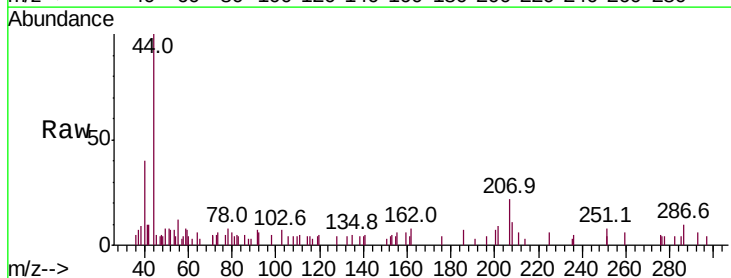
Acq: 29 May 2019 18:37

Tgt Ion: 92 Resp: 211

Ion Ratio Lower Upper

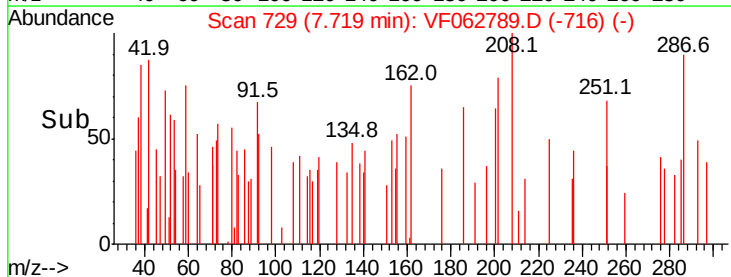
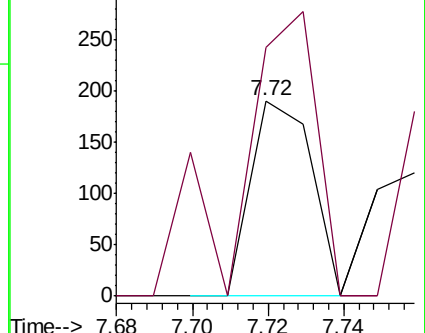
92 100

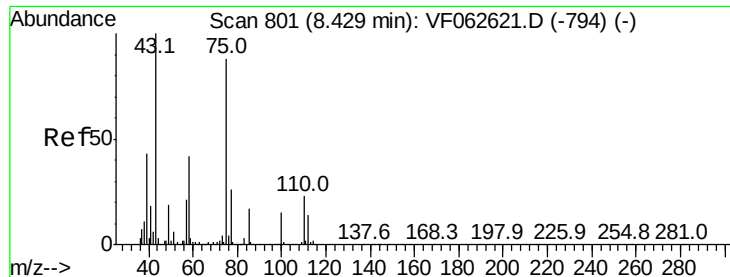
91 127.4 125.4 188.0



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 235.237 ug/l

RT: 8.26 min Scan# 784

Delta R.T. -0.17 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

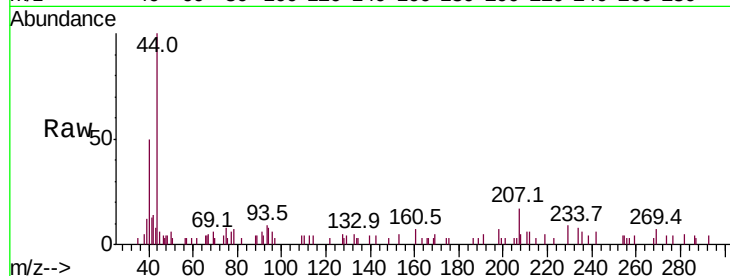
TEST-PIT-8RE

Tot Ion: 75 Resp: 480

Ion Ratio Lower Upper

75 100

77 82.5 24.2 36.4#

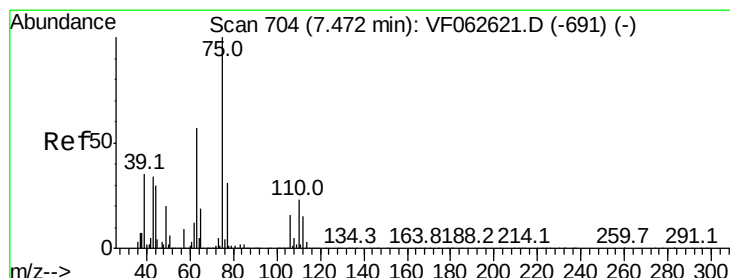
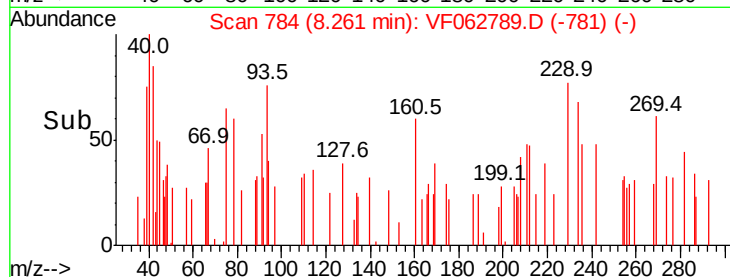


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Time-->

8.25 8.30



#54

cis-1,3-Dichloropropene

Concen: 139.689 ug/l

RT: 7.32 min Scan# 688

Delta R.T. -0.16 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

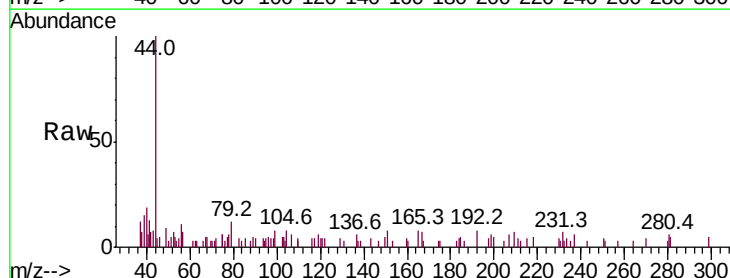
Tgt Ion: 75 Resp: 399

Ion Ratio Lower Upper

75 100

77 44.9 25.3 37.9#

39 122.1 28.2 42.2#



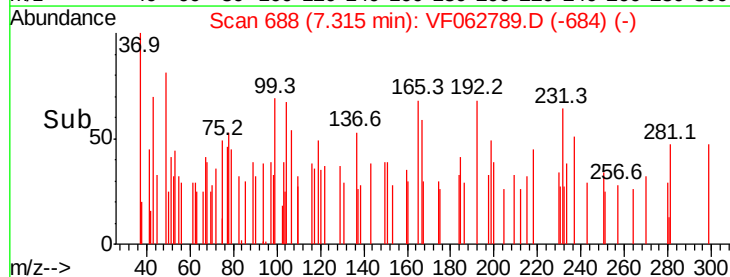
Abundance Ion 75.00 (74.70 to 75.70): VF0

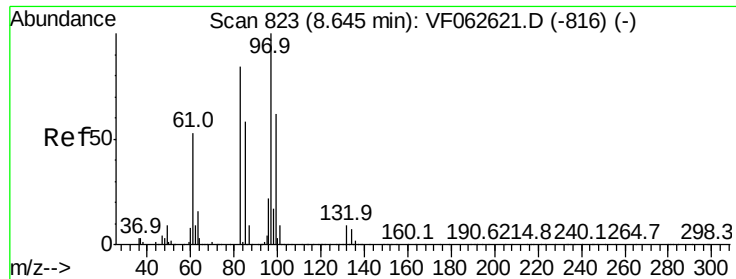
Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Time-->

7.30 7.35





#55

1,1,2-Trichloroethane

Concen: 274.488 ug/l

RT: 8.51 min Scan# 809

Delta R.T. -0.14 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

Tot Ion: 97 Resp: 351

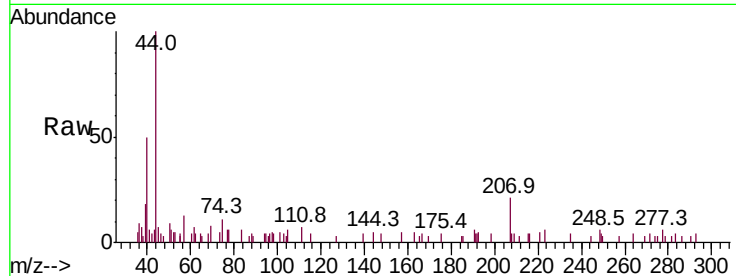
Ion Ratio Lower Upper

97 100

83 142.9 67.3 100.9#

85 0.0 46.6 69.8#

99 0.0 49.7 74.5#

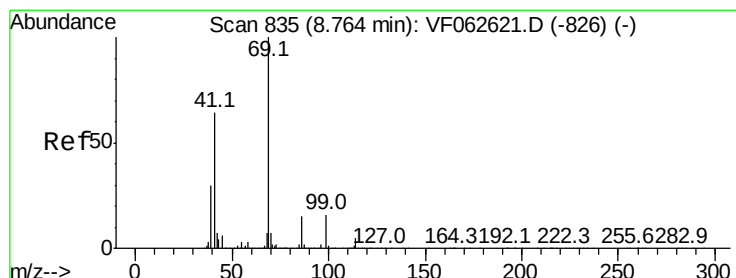
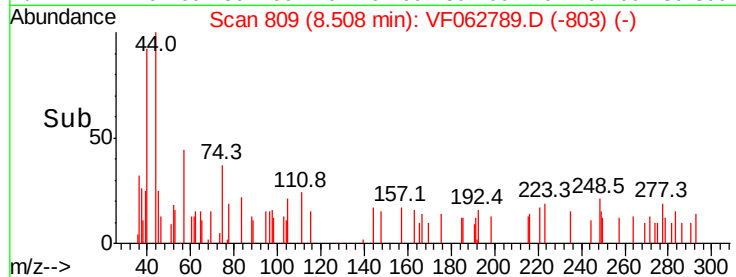
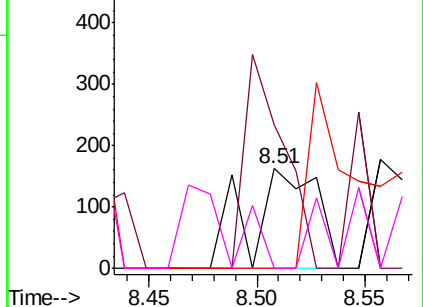


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 427.971 ug/l

RT: 8.57 min Scan# 815

Delta R.T. -0.20 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

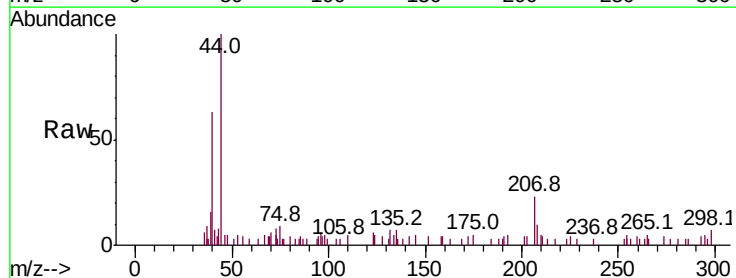
Tgt Ion: 69 Resp: 652

Ion Ratio Lower Upper

69 100

41 83.3 51.4 77.2#

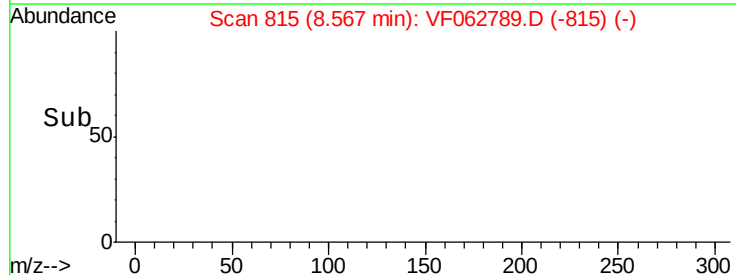
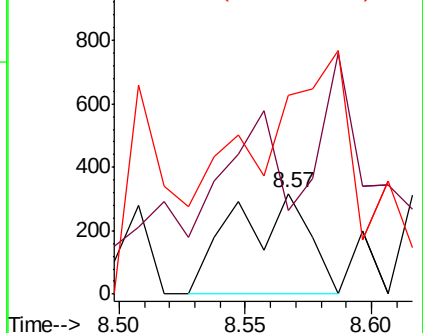
39 197.8 23.6 35.4#

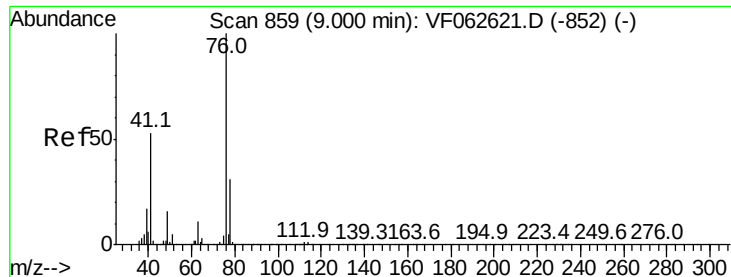


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 316.333 ug/l

RT: 8.75 min Scan# 834

Delta R.T. -0.25 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

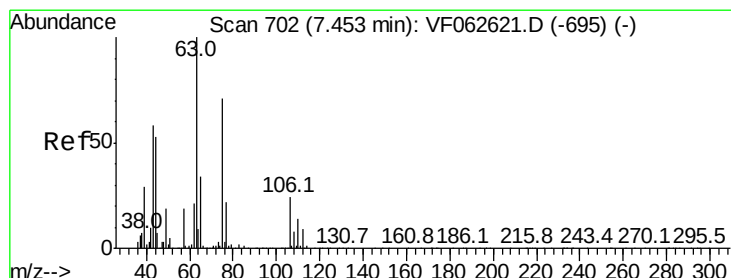
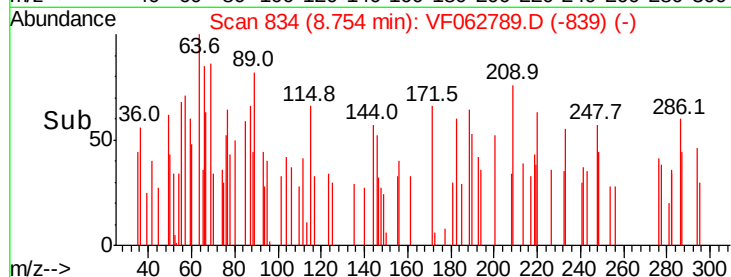
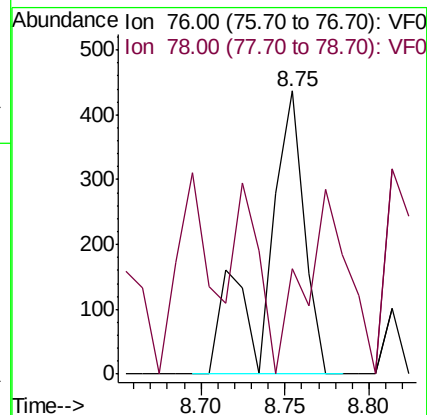
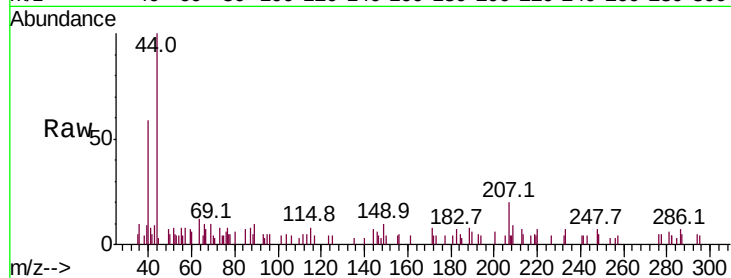
TEST-PIT-8RE

Tot Ion: 76 Resp: 689

Ion Ratio Lower Upper

76 100

78 37.1 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 264.172 ug/l

RT: 7.32 min Scan# 688

Delta R.T. -0.14 min

Lab File: VF062789.D

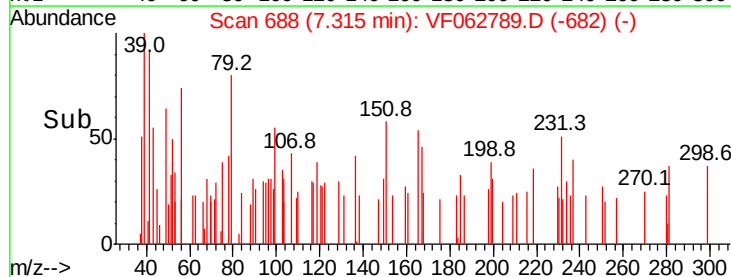
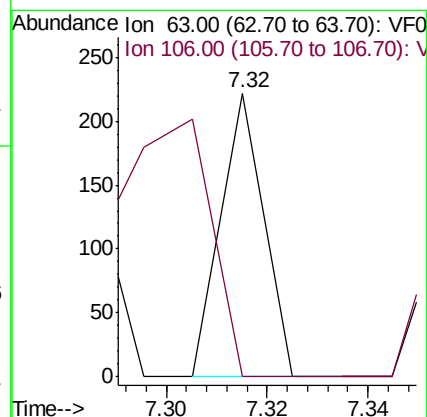
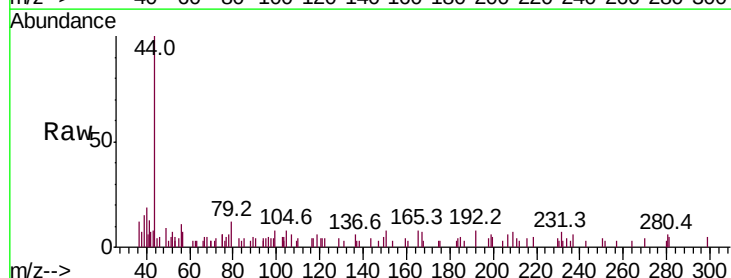
Acq: 29 May 2019 18:37

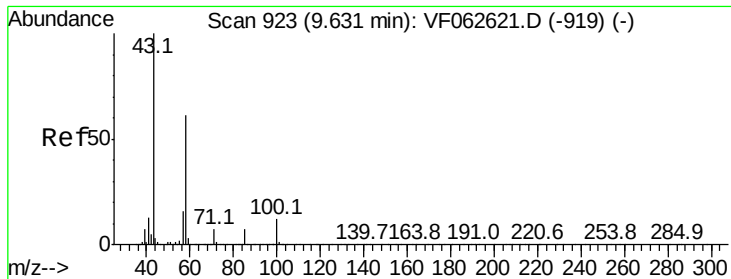
Tgt Ion: 63 Resp: 131

Ion Ratio Lower Upper

63 100

106 0.0 19.1 28.7#

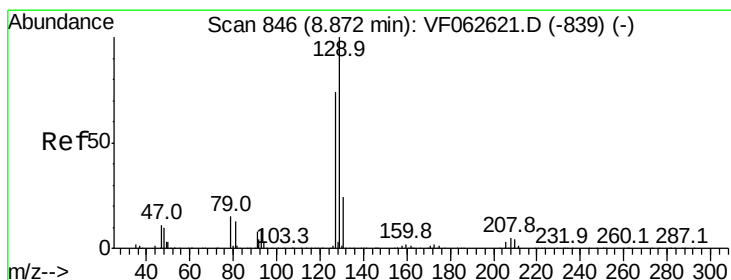
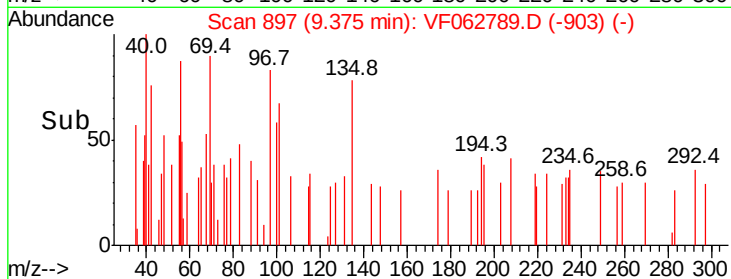
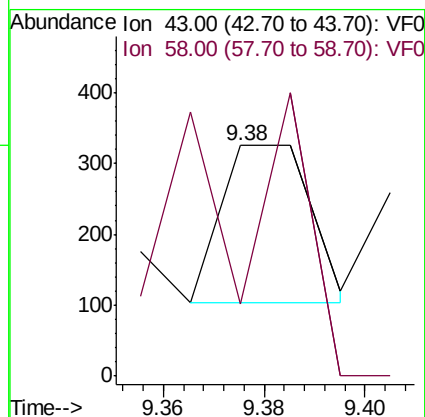
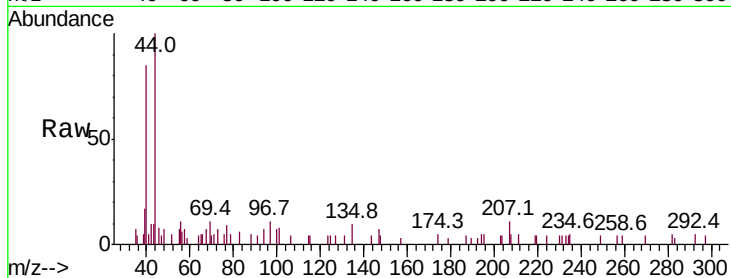




#59
2-Hexanone
Concen: 394.193 ug/l
RT: 9.38 min Scan# 897
Delta R.T. -0.26 min
Lab File: VF062789.D
Acq: 29 May 2019 18:37

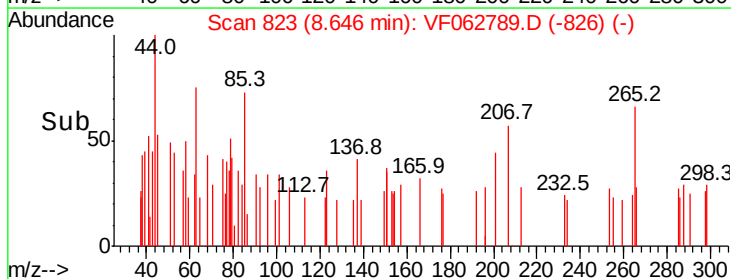
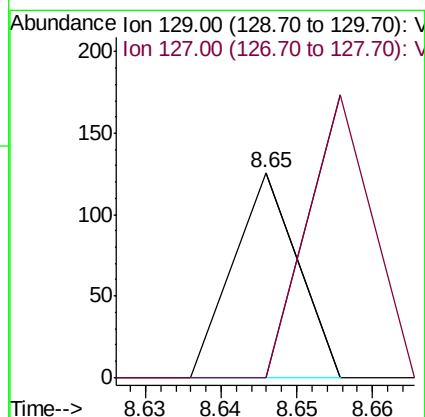
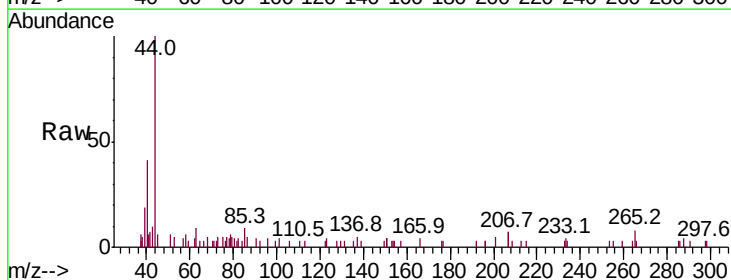
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-8RE

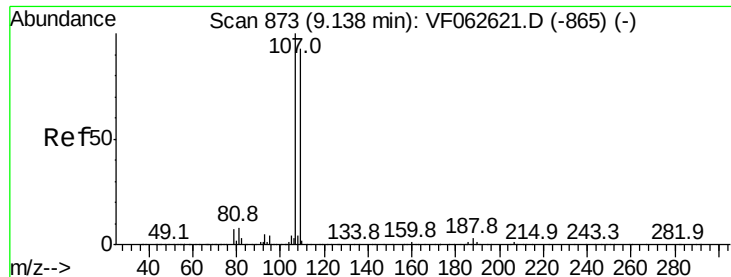
Tot Ion: 43 Resp: 273
Ion Ratio Lower Upper
43 100
58 31.1 28.1 84.4



#60
Dibromochloromethane
Concen: 45.001 ug/l
RT: 8.65 min Scan# 823
Delta R.T. -0.23 min
Lab File: VF062789.D
Acq: 29 May 2019 18:37

Tgt Ion: 129 Resp: 75
Ion Ratio Lower Upper
129 100
127 81.0 37.2 111.6

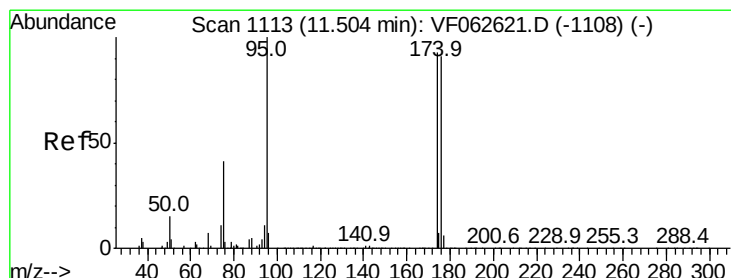
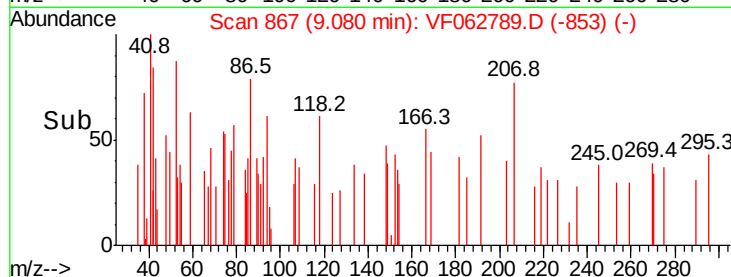
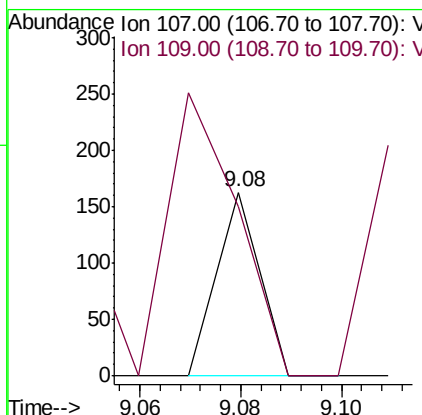
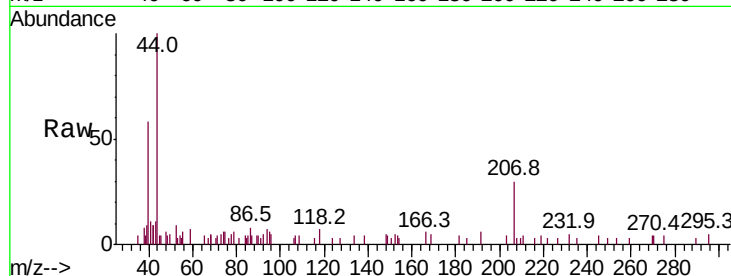




#61
 1,2-Dibromoethane
 Concen: 70.681 ug/l
 RT: 9.08 min Scan# 867
 Delta R.T. -0.06 min
 Lab File: VF062789.D
 Acq: 29 May 2019 18:37

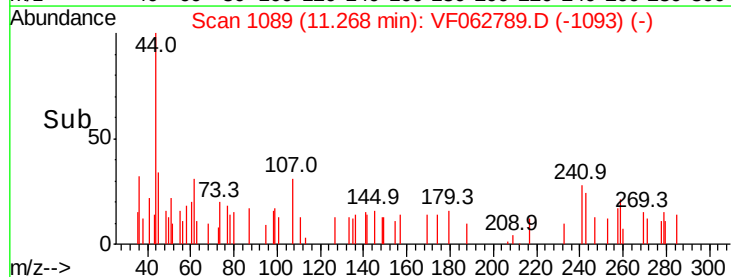
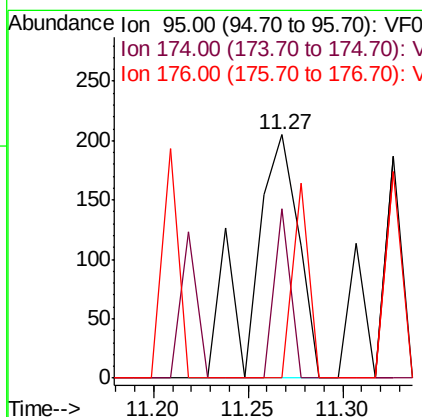
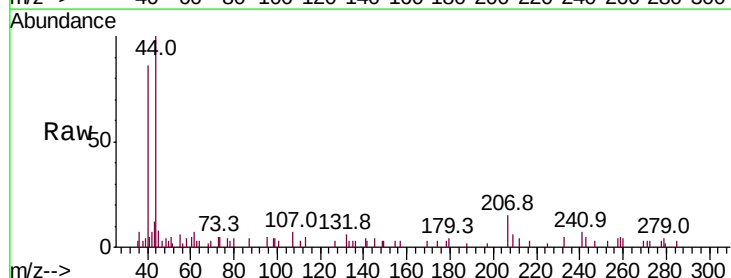
Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-8RE

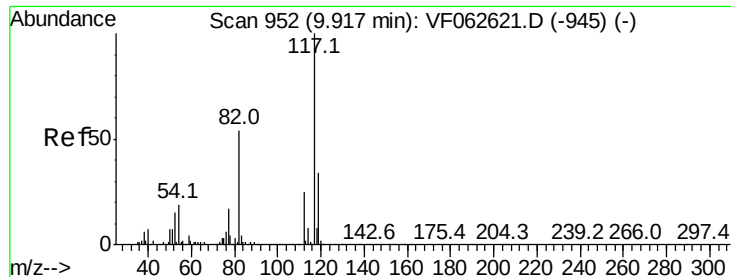
Tot Ion:107 Resp: 96
 Ion Ratio Lower Upper
 107 100
 109 92.0 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 172.689 ug/l
 RT: 11.27 min Scan# 1089
 Delta R.T. -0.24 min
 Lab File: VF062789.D
 Acq: 29 May 2019 18:37

Tgt Ion: 95 Resp: 353
 Ion Ratio Lower Upper
 95 100
 174 69.8 0.0 185.6
 176 0.0 0.0 182.4

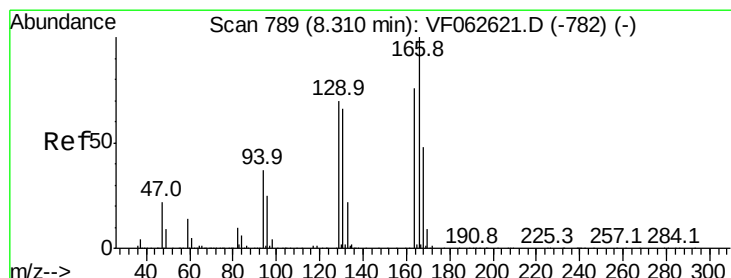
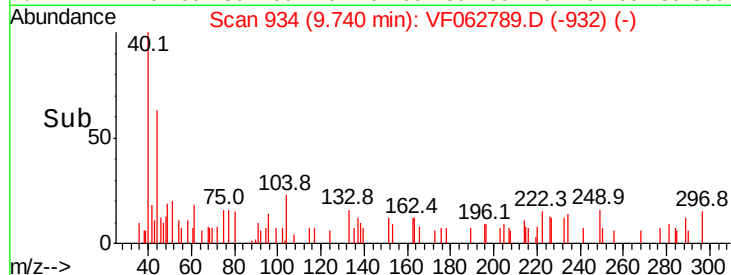
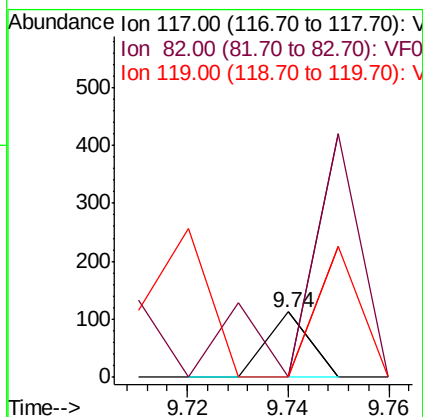
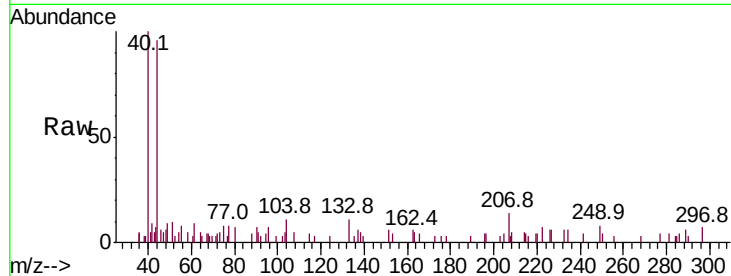




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.74 min Scan# 934
Delta R.T. -0.18 min
Lab File: VF062789.D
Acq: 29 May 2019 18:37

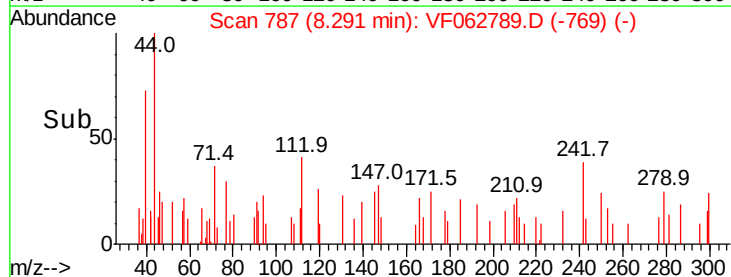
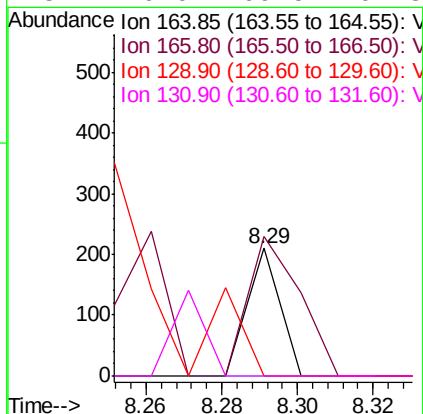
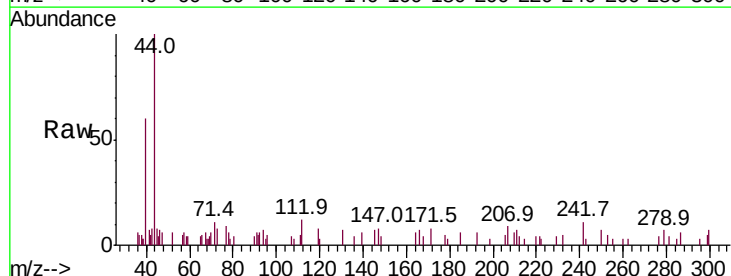
Instrument :
MSVOA_F
ClientSampleId :
TEST-PIT-8RE

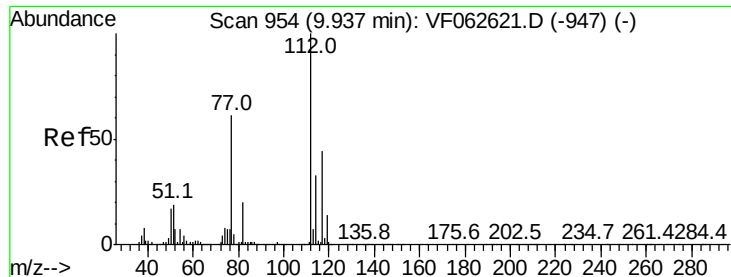
Tot Ion:117 Resp: 66
Ion Ratio Lower Upper
117 100
82 0.0 43.3 64.9#
119 0.0 27.4 41.0#



#64
Tetrachloroethene
Concen: 237.153 ug/l
RT: 8.29 min Scan# 787
Delta R.T. -0.02 min
Lab File: VF062789.D
Acq: 29 May 2019 18:37

Tgt Ion:164 Resp: 124
Ion Ratio Lower Upper
164 100
166 109.5 105.5 158.3
129 0.0 73.8 110.6#
131 0.0 69.5 104.3#





#65

Chlorobenzene

Concen: 138.085 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.02 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

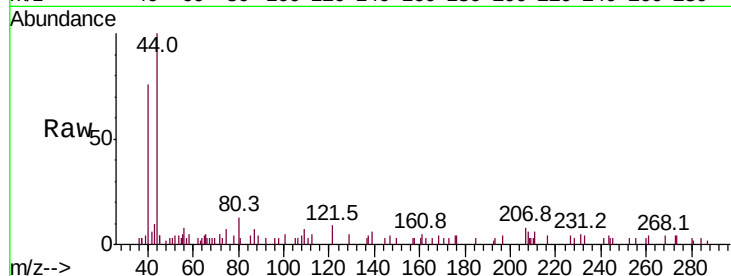
TEST-PIT-8RE

Tot Ion:112 Resp: 179

Ion Ratio Lower Upper

112 100

114 0.0 26.8 40.2#



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

250

200

150

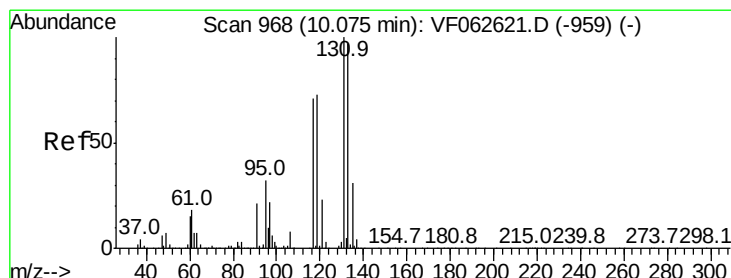
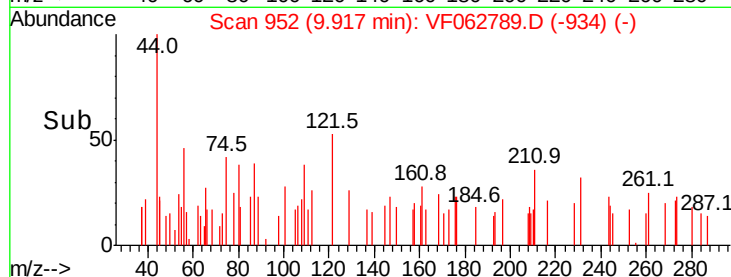
100

50

0

9.88 9.90 9.92 9.94

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 372.793 ug/l

RT: 9.95 min Scan# 955

Delta R.T. -0.13 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

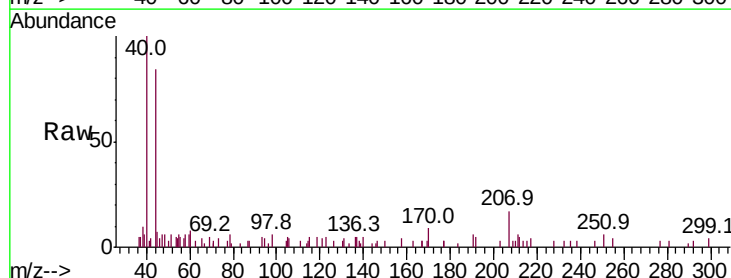
Tgt Ion:131 Resp: 194

Ion Ratio Lower Upper

131 100

133 55.0 48.5 145.5

119 108.4 36.8 110.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

400

300

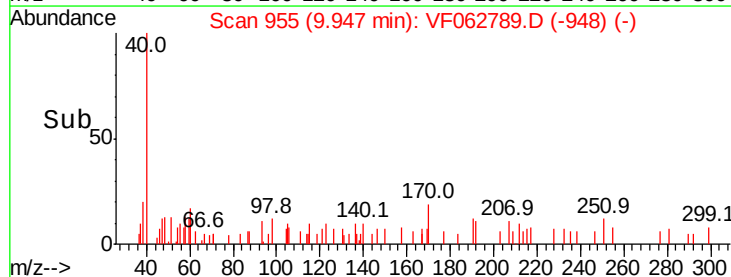
200

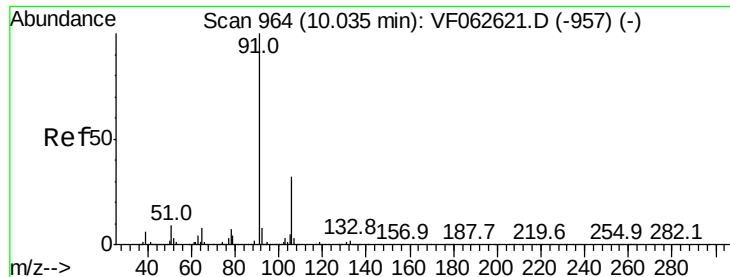
100

0

9.95

Time-->





#67

Ethyl Benzene

Concen: 32.416 ug/l

RT: 10.02 min Scan# 962

Delta R.T. -0.02 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

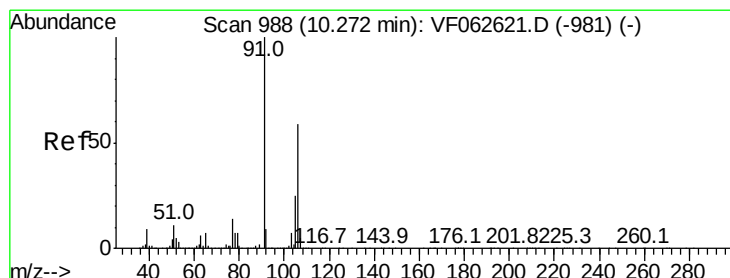
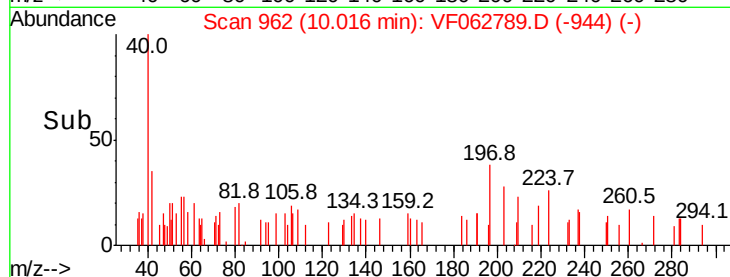
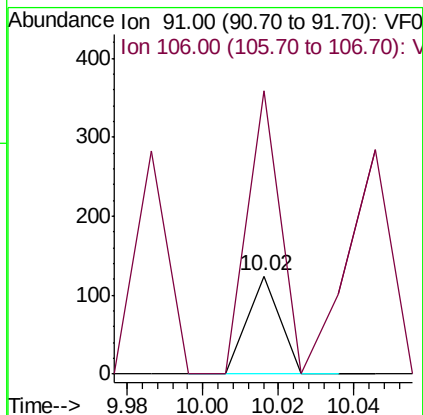
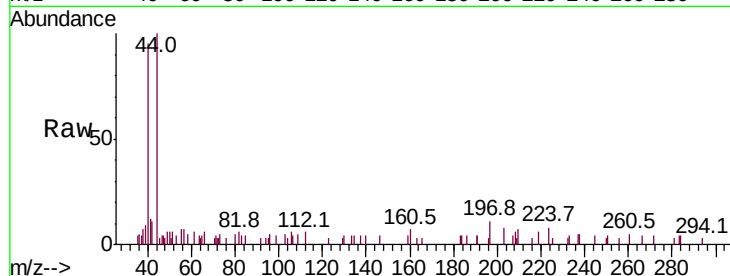
TEST-PIT-8RE

Tot Ion: 91 Resp: 73

Ion Ratio Lower Upper

91 100

106 288.7 25.8 38.8#



#68

m/p-Xylenes

Concen: 323.729 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.01 min

Lab File: VF062789.D

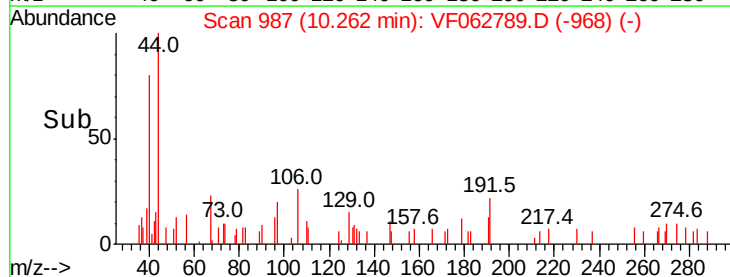
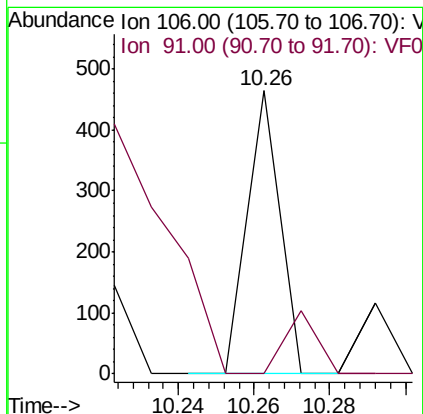
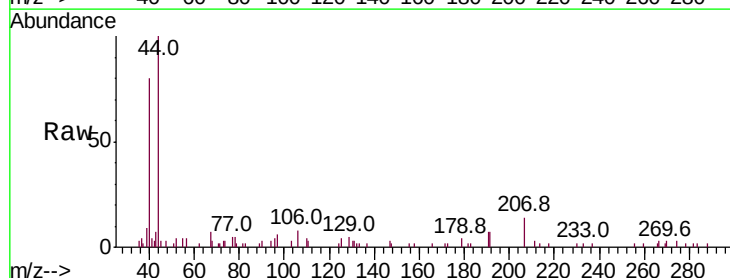
Acq: 29 May 2019 18:37

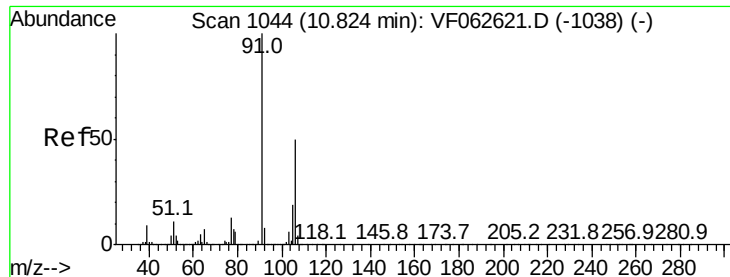
Tgt Ion: 106 Resp: 274

Ion Ratio Lower Upper

106 100

91 0.0 136.9 205.3#

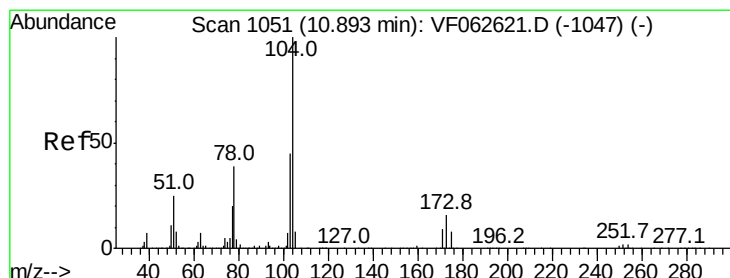
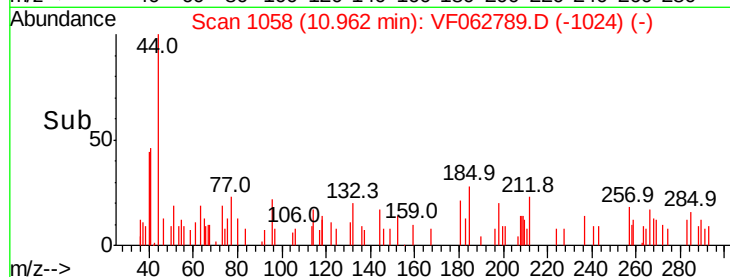
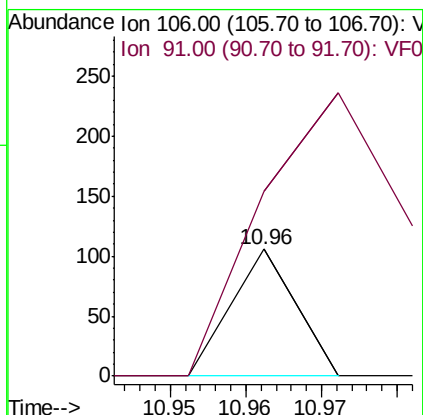
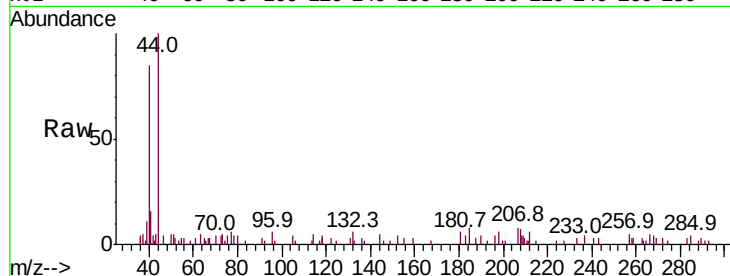




#69
o-Xylene
Concen: 72.266 ug/l
RT: 10.96 min Scan# 1058
Delta R.T. 0.14 min
Lab File: VF062789.D
Acq: 29 May 2019 18:37

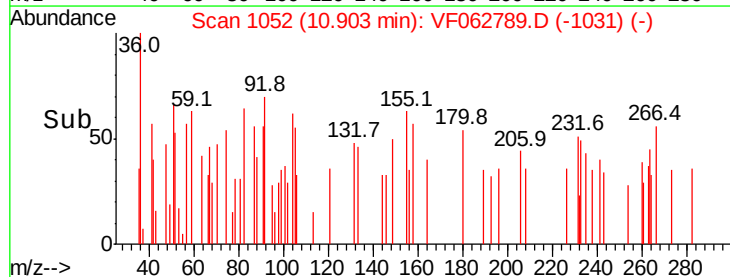
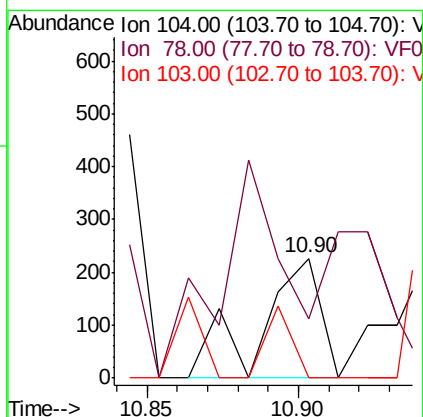
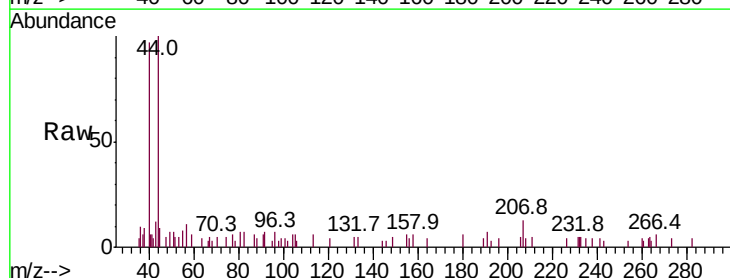
Instrument :
MSVOA_F
ClientSampled :
TEST-PIT-8RE

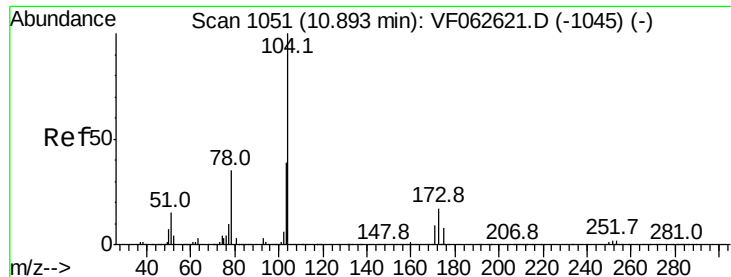
Tot Ion:106 Resp: 63
Ion Ratio Lower Upper
106 100
91 145.3 100.2 300.5



#70
Styrene
Concen: 233.197 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VF062789.D
Acq: 29 May 2019 18:37

Tgt Ion:104 Resp: 309
Ion Ratio Lower Upper
104 100
78 50.0 31.9 47.9#
103 0.0 36.1 54.1#





#71

Bromoform

Concen: 253.228 ug/l

RT: 10.78 min Scan# 1040

Delta R.T. -0.11 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

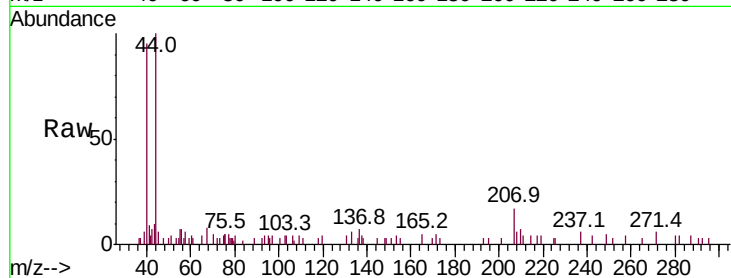
Tot Ion:173 Resp: 66

Ion Ratio Lower Upper

173 100

175 0.0 25.3 75.9#

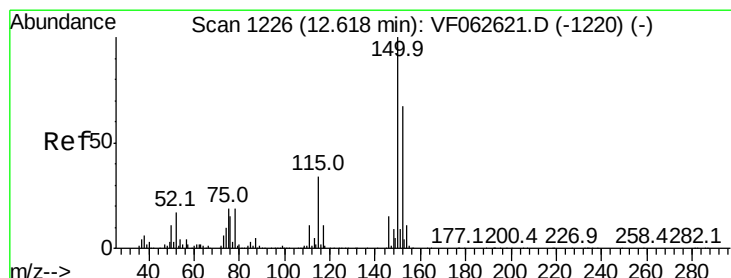
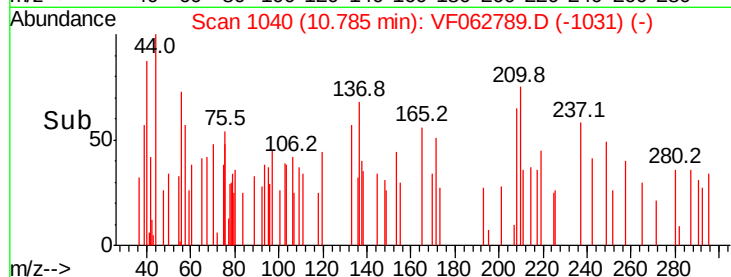
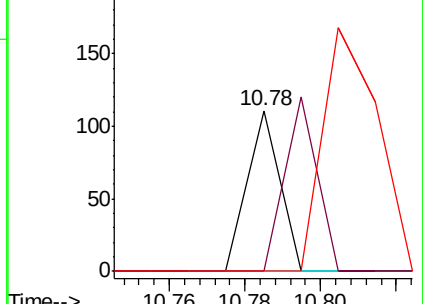
254 0.0 0.2 0.2#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.58 min Scan# 1222

Delta R.T. -0.04 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

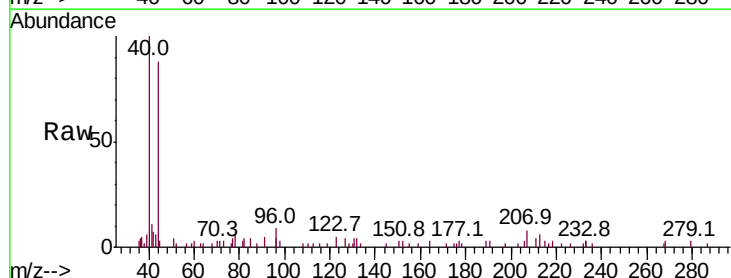
Tgt Ion:152 Resp: 242

Ion Ratio Lower Upper

152 100

115 58.8 25.2 75.6

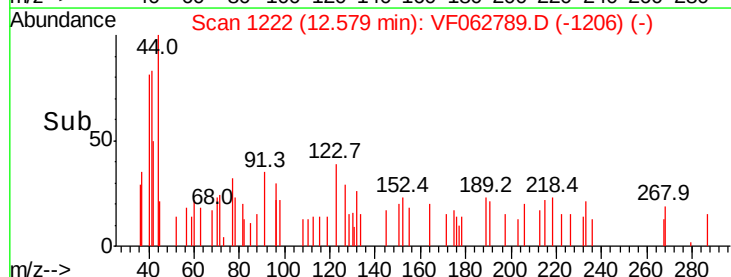
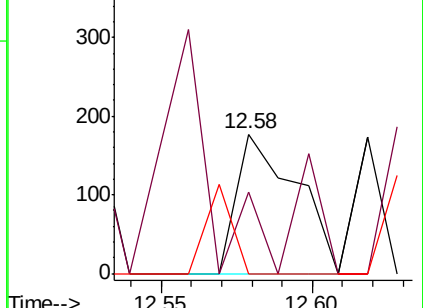
150 0.0 0.0 306.2

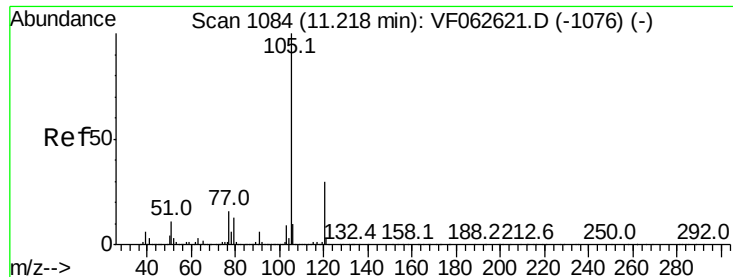


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 12.972 ug/l

RT: 11.19 min Scan# 1081

Delta R.T. -0.03 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

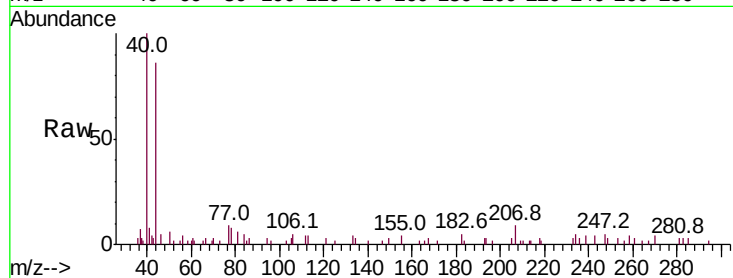
TEST-PIT-8RE

Tot Ion:105 Resp: 225

Ion Ratio Lower Upper

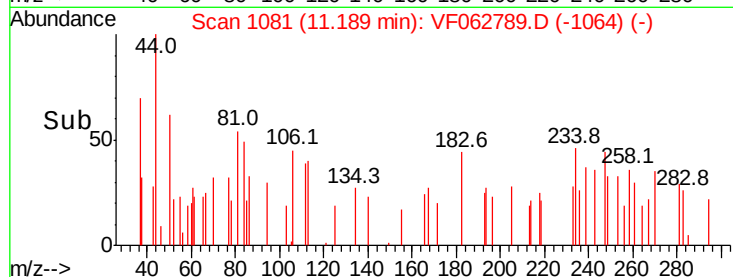
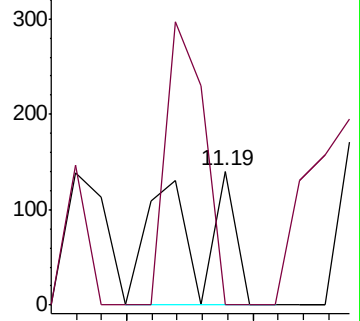
105 100

120 0.0 14.8 44.4#

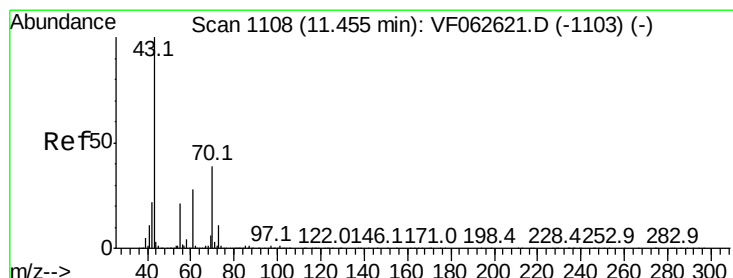


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 152.709 ug/l

RT: 11.47 min Scan# 1110

Delta R.T. 0.02 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Tgt Ion: 43 Resp: 625

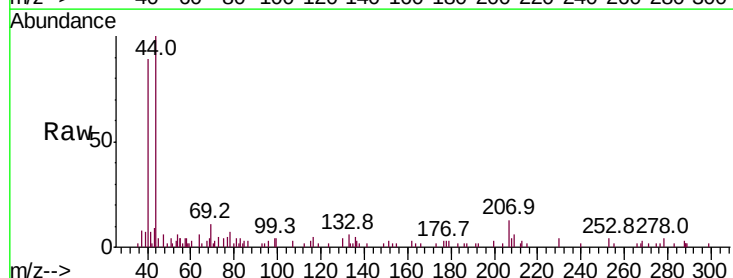
Ion Ratio Lower Upper

43 100

70 62.8 30.9 46.3#

55 81.5 17.0 25.4#

61 0.0 22.6 34.0#

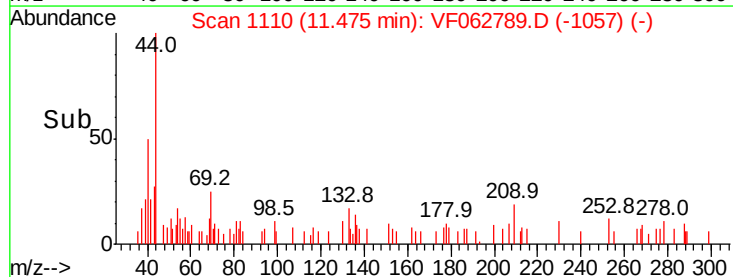
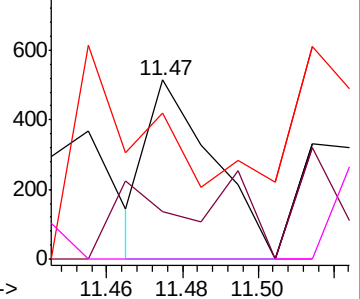


Abundance Ion 43.00 (42.70 to 43.70): VF0

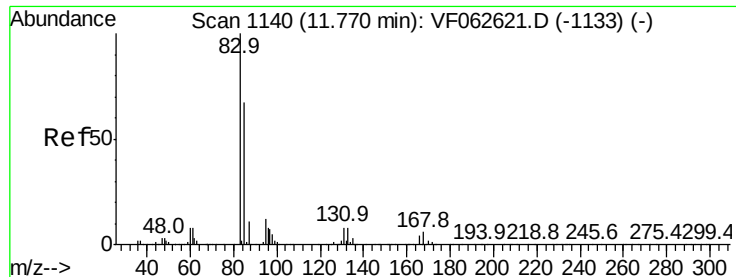
Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 37.804 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. 0.00 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

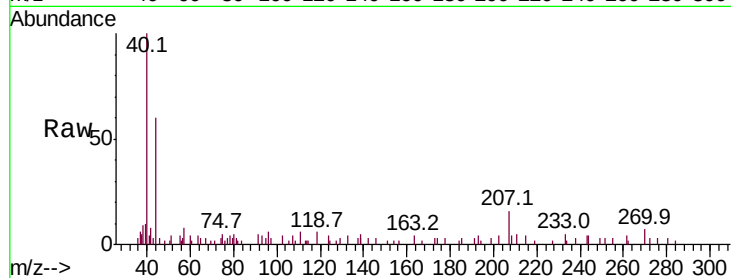
Tot Ion: 83 Resp: 134

Ion Ratio Lower Upper

83 100

131 0.0 4.0 12.0#

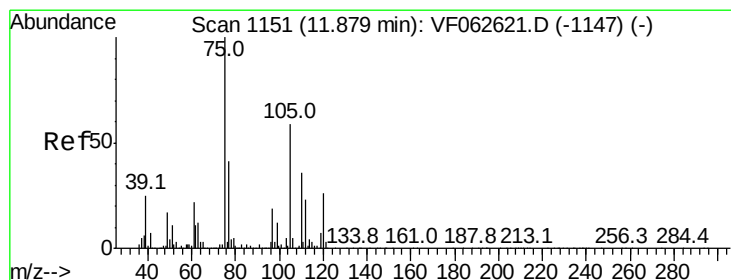
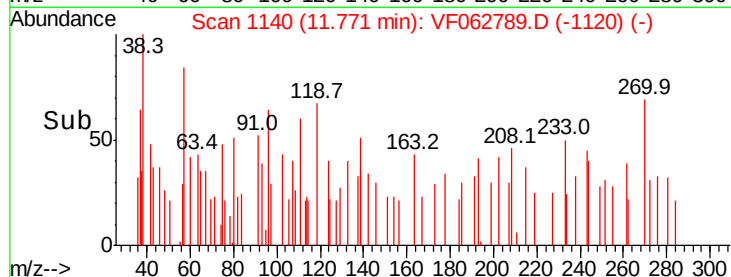
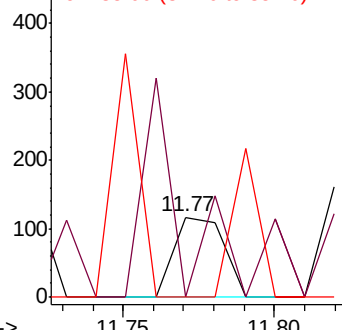
85 0.0 33.5 100.5#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 185.056 ug/l

RT: 11.92 min Scan# 1155

Delta R.T. 0.04 min

Lab File: VF062789.D

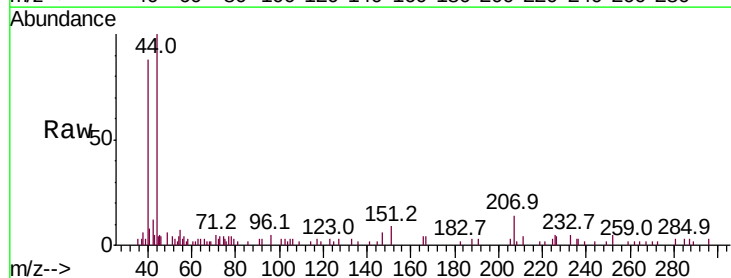
Acq: 29 May 2019 18:37

Tgt Ion: 75 Resp: 431

Ion Ratio Lower Upper

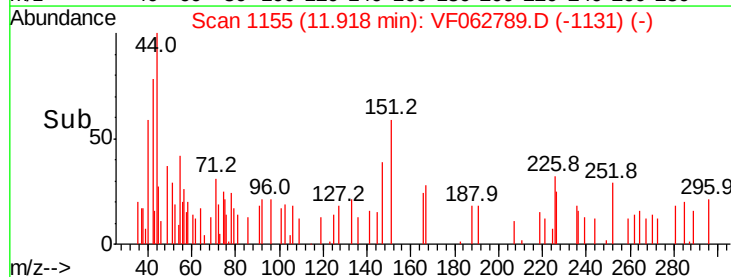
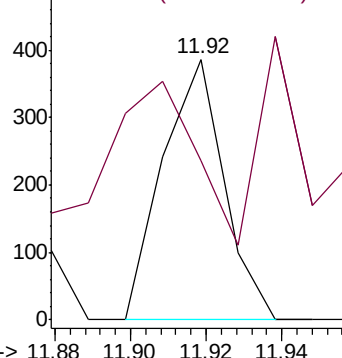
75 100

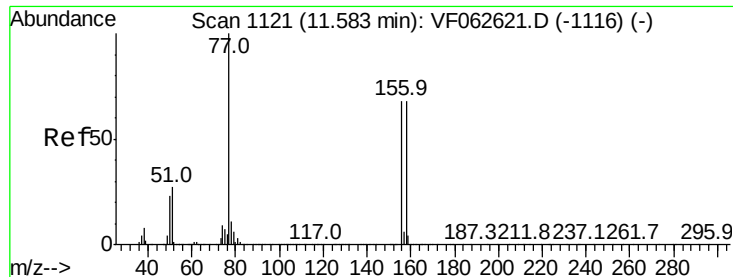
77 61.2 20.6 61.8



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 20.179 ug/l

RT: 11.55 min Scan# 1118

Delta R.T. -0.03 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

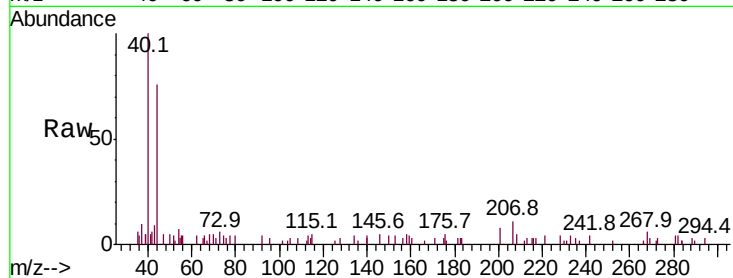
Tot Ion:156 Resp: 87

Ion Ratio Lower Upper

156 100

77 133.3 73.6 220.8

158 159.2 49.6 148.8#



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V

800

600

400

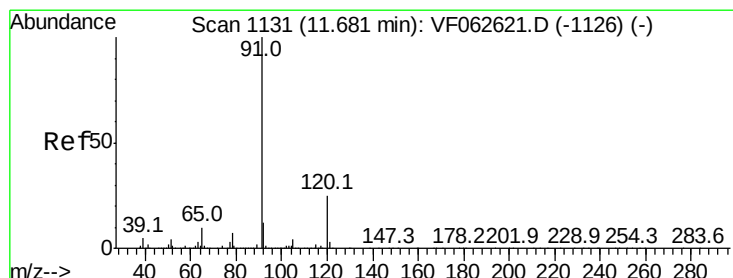
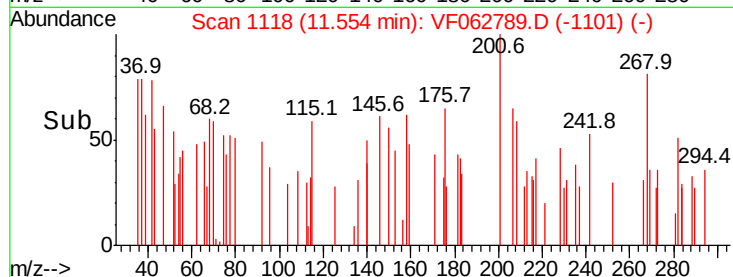
200

0

11.52 11.54 11.56 11.58

11.55

Time-->



#78

n-propylbenzene

Concen: 23.482 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.11 min

Lab File: VF062789.D

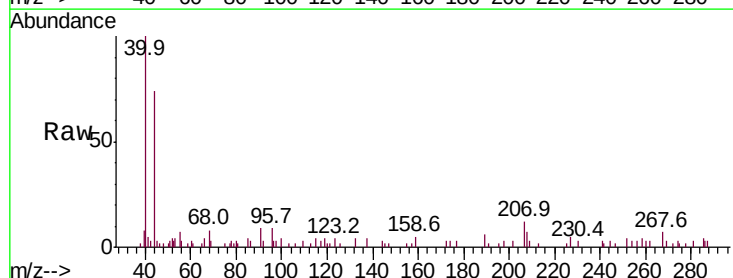
Acq: 29 May 2019 18:37

Tgt Ion: 91 Resp: 482

Ion Ratio Lower Upper

91 100

120 27.0 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

500

400

300

200

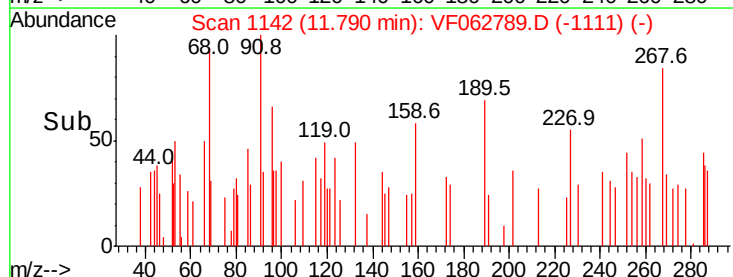
100

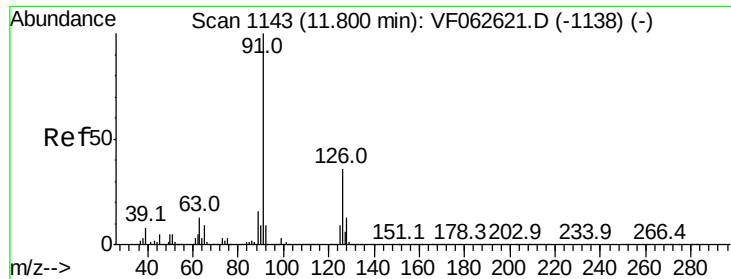
0

11.78 11.80 11.82

11.79

Time-->





#79

2-Chlorotoluene

Concen: 41.666 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

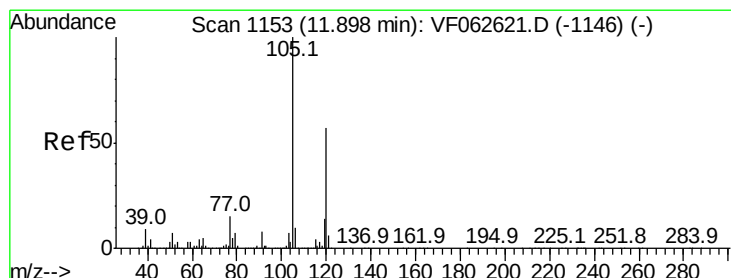
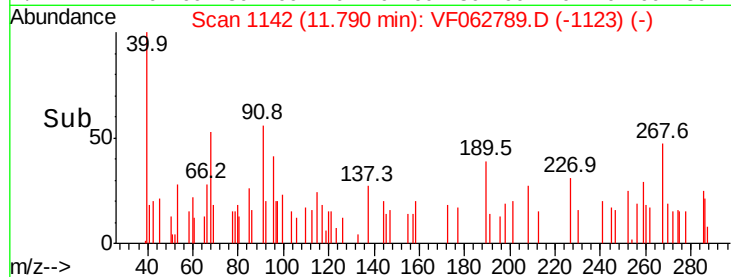
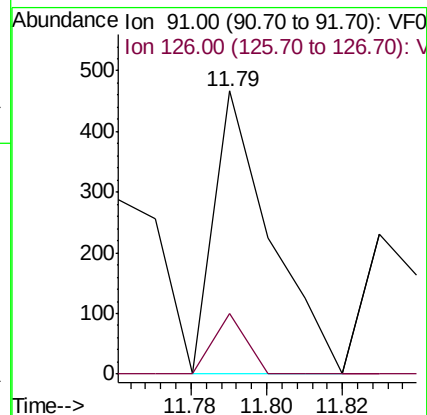
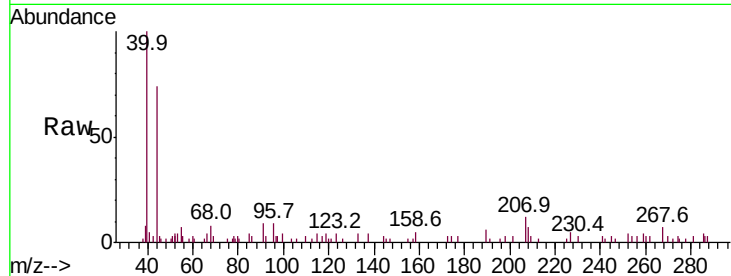
TEST-PIT-8RE

Tot Ion: 91 Resp: 482

Ion Ratio Lower Upper

91 100

126 21.6 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 38.971 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. 0.05 min

Lab File: VF062789.D

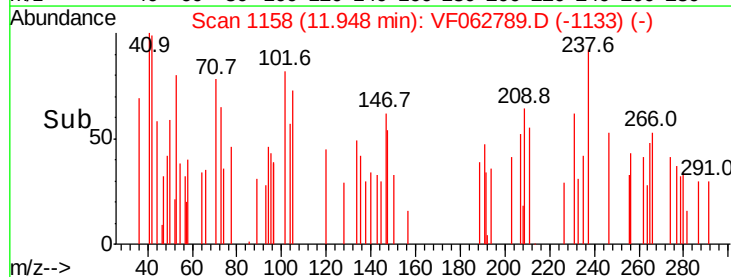
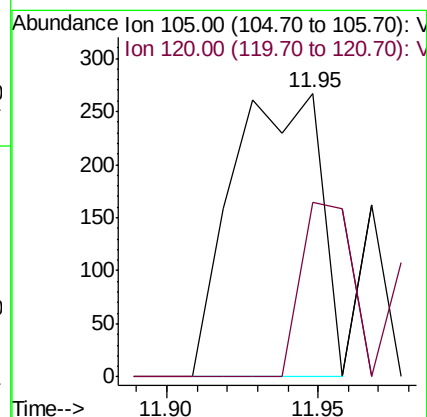
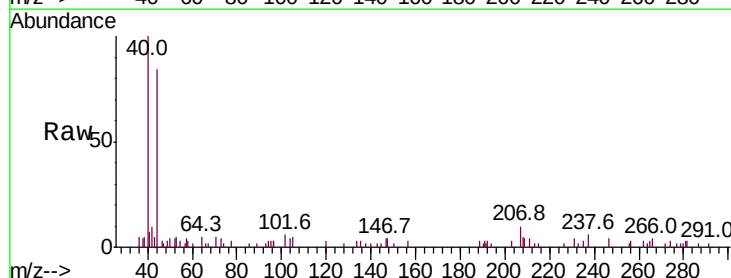
Acq: 29 May 2019 18:37

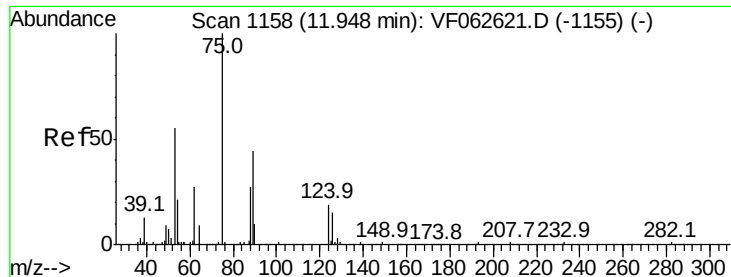
Tgt Ion:105 Resp: 542

Ion Ratio Lower Upper

105 100

120 61.8 28.7 86.3





#81

trans-1,4-Dichloro-2-butene

Concen: 226.995 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. 0.02 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

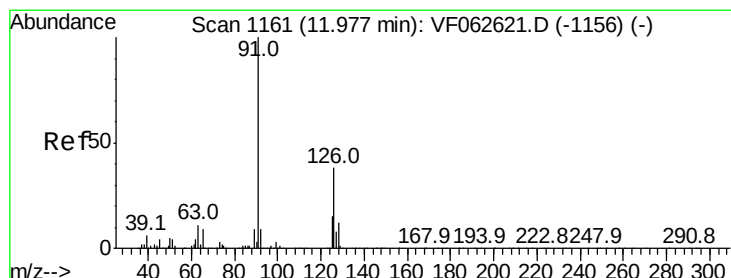
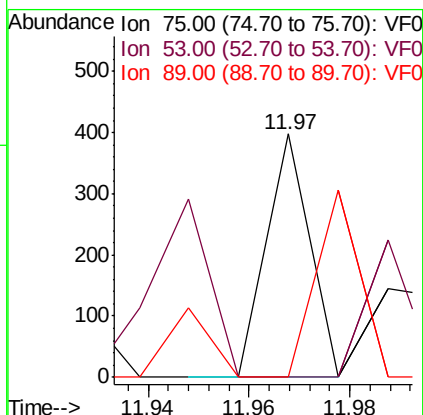
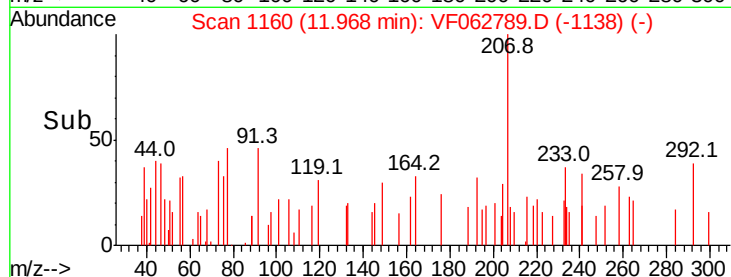
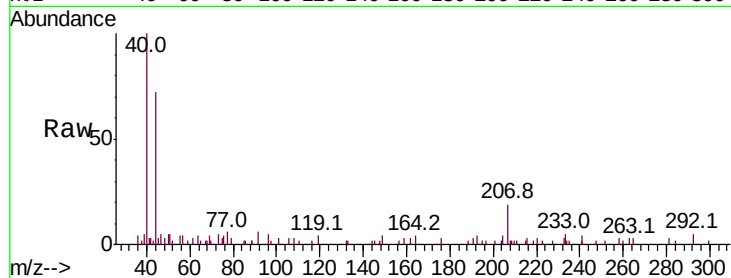
Tot Ion: 75 Resp: 235

Ion Ratio Lower Upper

75 100

53 0.0 46.9 70.3#

89 0.0 36.4 54.6#



#82

4-Chlorotoluene

Concen: 39.359 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. -0.01 min

Lab File: VF062789.D

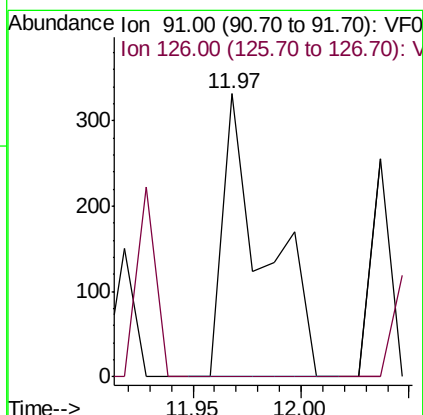
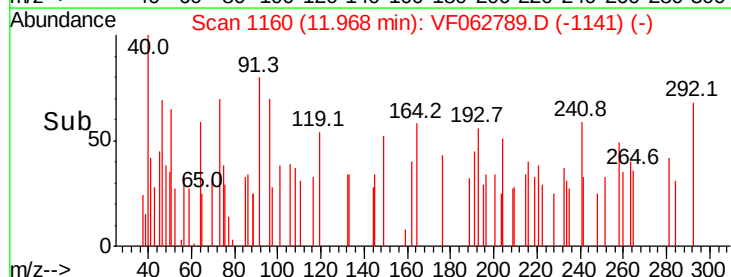
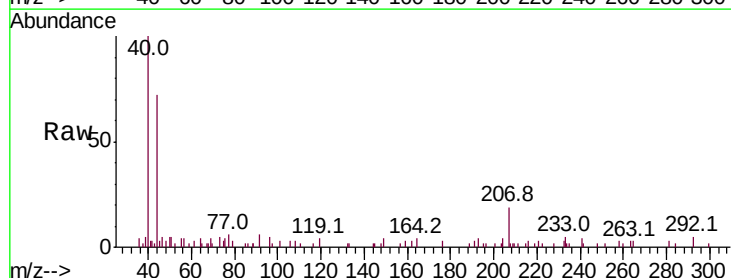
Acq: 29 May 2019 18:37

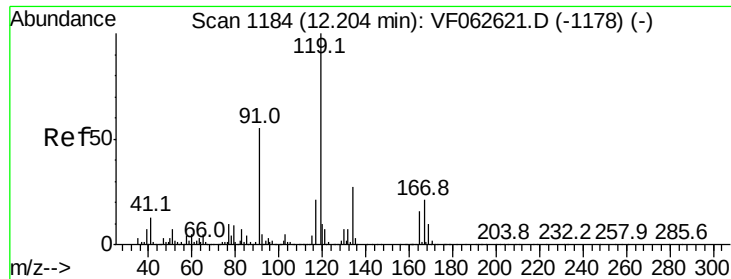
Tgt Ion: 91 Resp: 449

Ion Ratio Lower Upper

91 100

126 0.0 19.1 57.1#

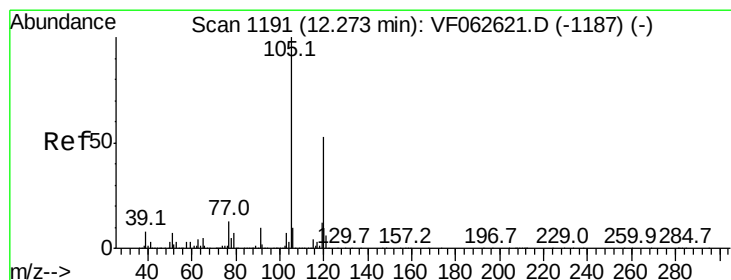
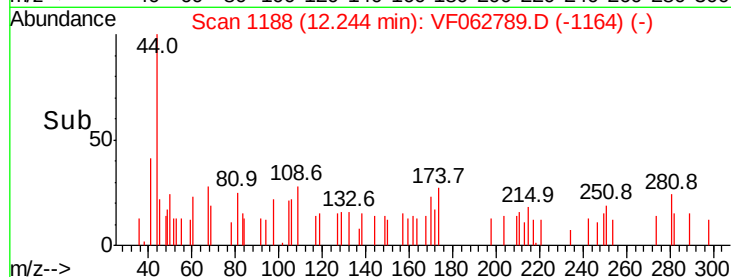
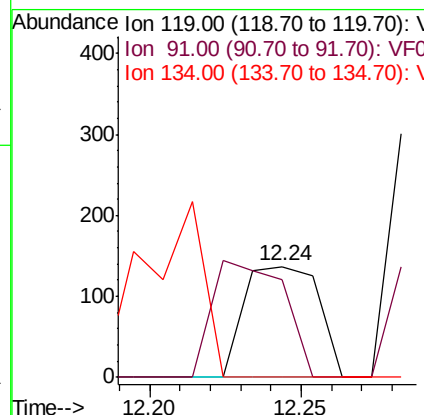
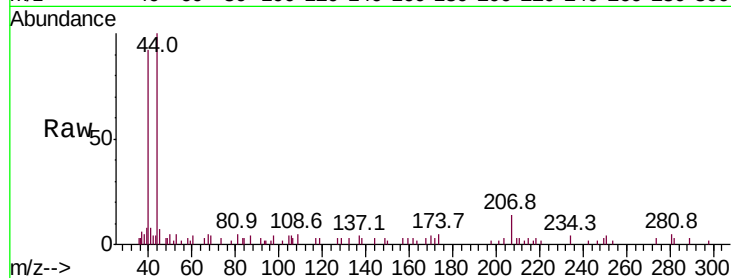




#83
 tert-Butylbenzene
 Concen: 16.513 ug/l
 RT: 12.24 min Scan# 1188
 Delta R.T. 0.04 min
 Lab File: VF062789.D
 Acq: 29 May 2019 18:37

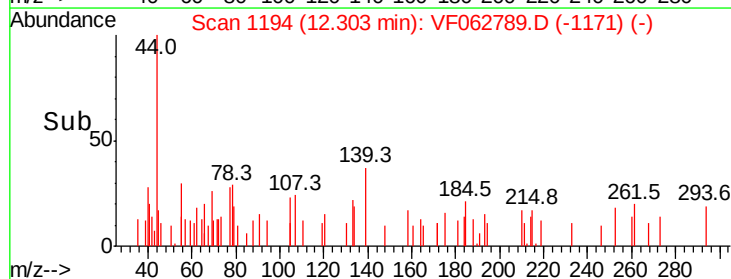
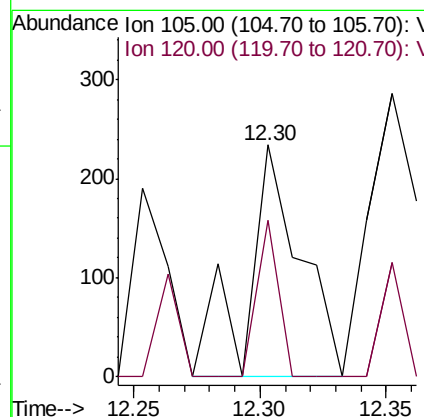
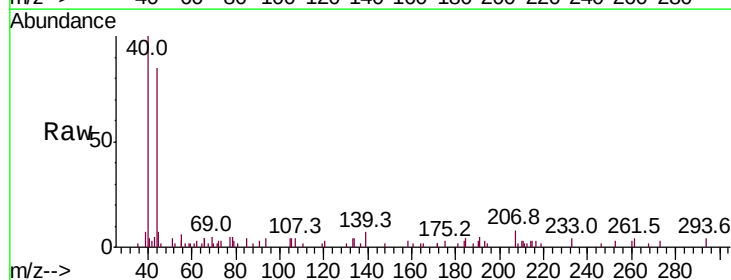
Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-8RE

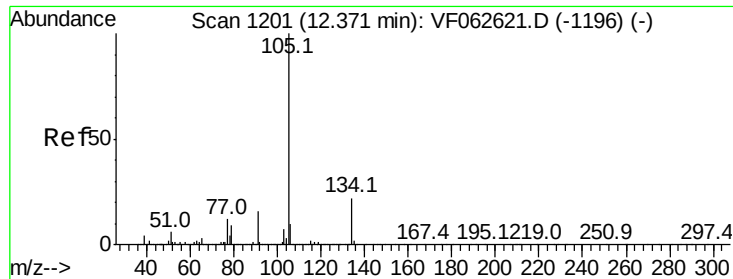
Tot Ion:119 Resp: 233
 Ion Ratio Lower Upper
 119 100
 91 87.6 27.3 81.9#
 134 0.0 13.6 40.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 25.556 ug/l
 RT: 12.30 min Scan# 1194
 Delta R.T. 0.03 min
 Lab File: VF062789.D
 Acq: 29 May 2019 18:37

Tgt Ion:105 Resp: 344
 Ion Ratio Lower Upper
 105 100
 120 67.5 26.7 80.1

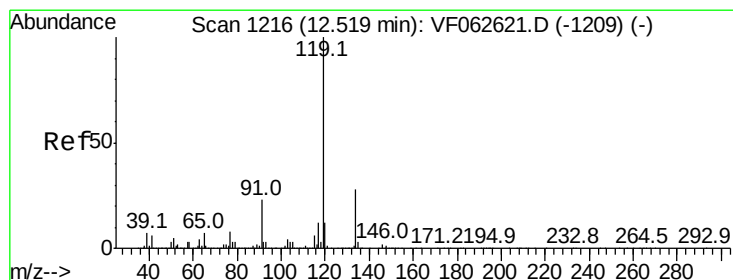
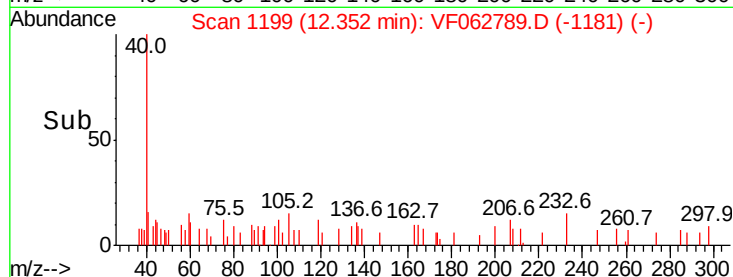
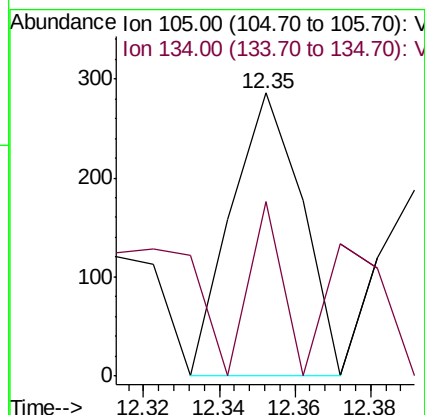
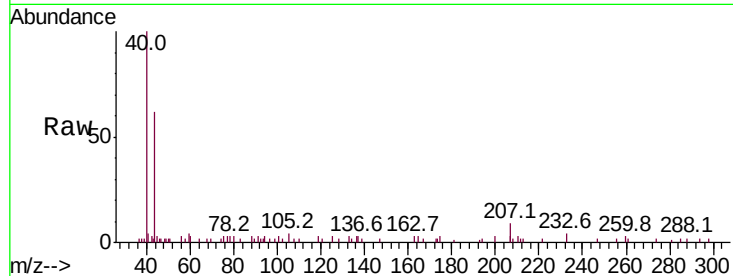




#85
 sec-Butylbenzene
 Concen: 19.434 ug/l
 RT: 12.35 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: VF062789.D
 Acq: 29 May 2019 18:37

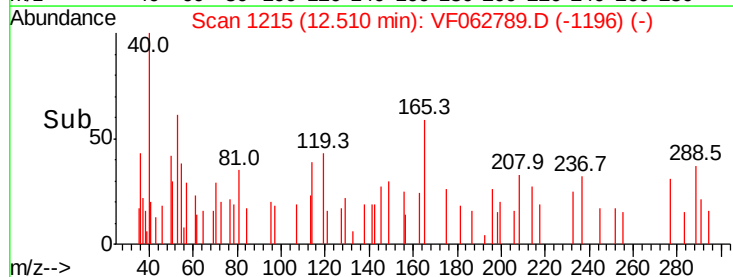
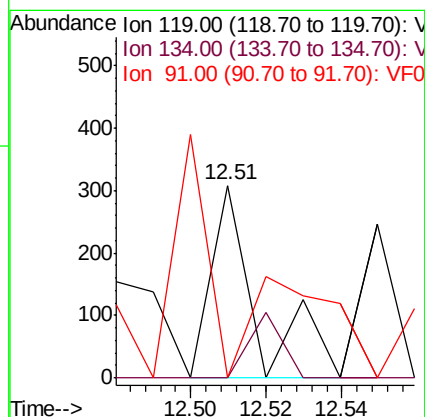
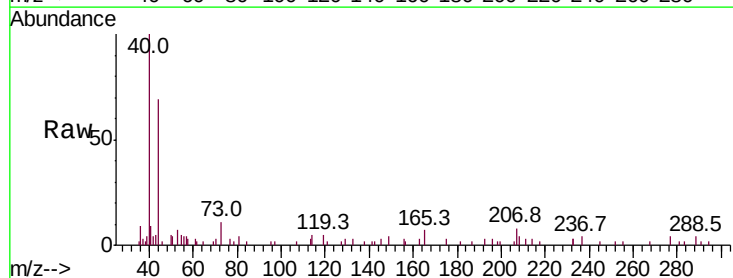
Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-8RE

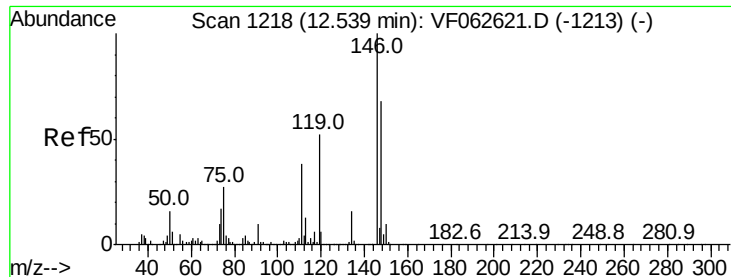
Tot Ion:105 Resp: 368
 Ion Ratio Lower Upper
 105 100
 134 61.5 10.8 32.4#



#86
 p-Isopropyltoluene
 Concen: 16.105 ug/l
 RT: 12.51 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: VF062789.D
 Acq: 29 May 2019 18:37

Tgt Ion:119 Resp: 257
 Ion Ratio Lower Upper
 119 100
 134 0.0 14.1 42.3#
 91 0.0 11.4 34.2#





#87

1,3-Dichlorobenzene

Concen: 12.564 ug/l

RT: 12.60 min Scan# 1224

Delta R.T. 0.06 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

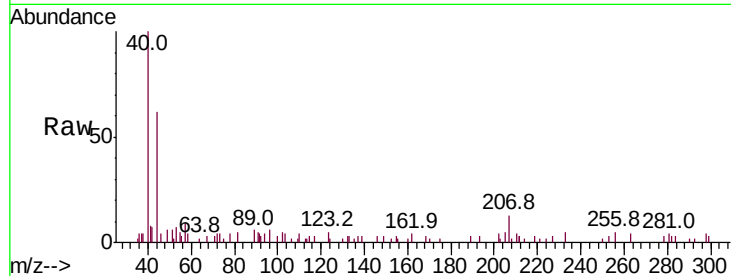
Tot Ion:146 Resp: 98

Ion Ratio Lower Upper

146 100

111 0.0 18.9 56.9#

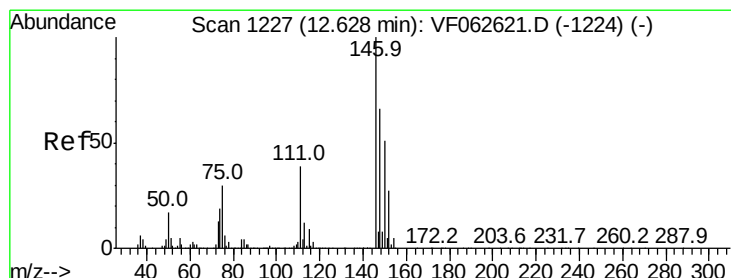
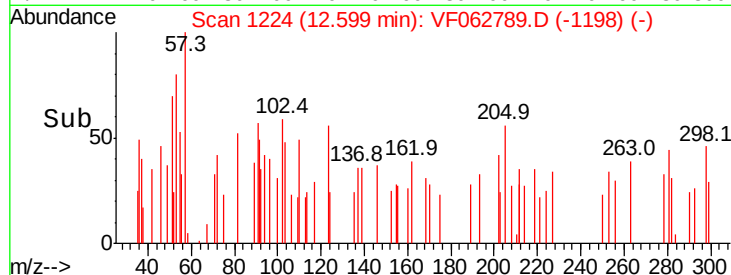
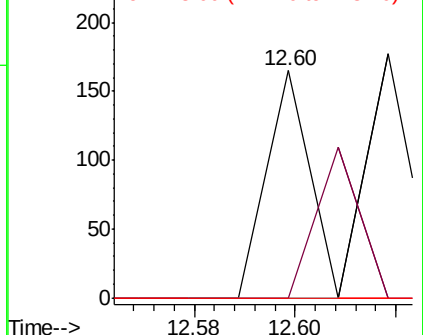
148 0.0 34.0 101.8#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,4-Dichlorobenzene

Concen: 26.640 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

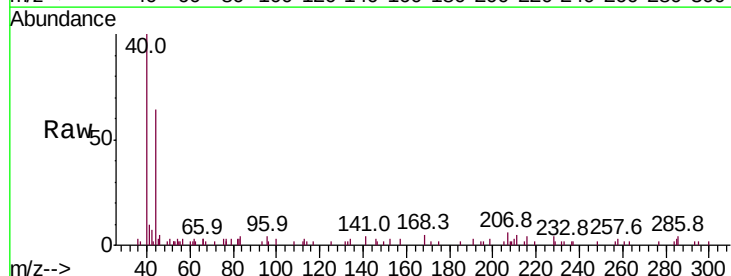
Tgt Ion:146 Resp: 195

Ion Ratio Lower Upper

146 100

111 0.0 19.4 58.2#

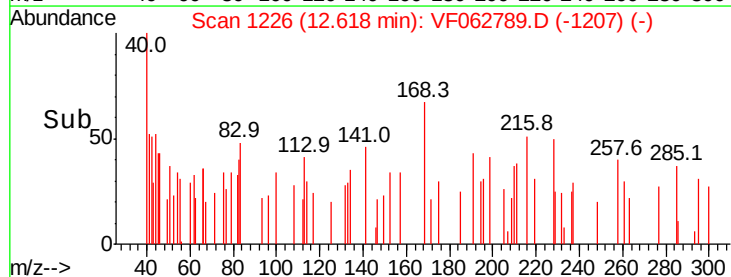
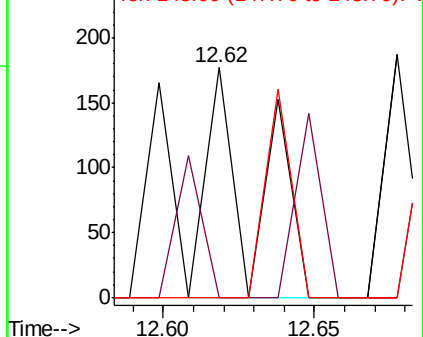
148 0.0 33.2 99.6#

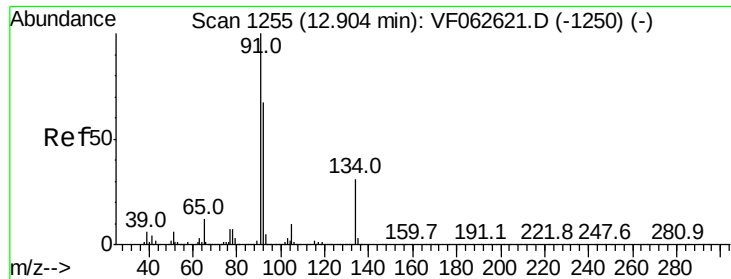


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#89

n-Butylbenzene

Concen: 40.867 ug/l

RT: 12.89 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

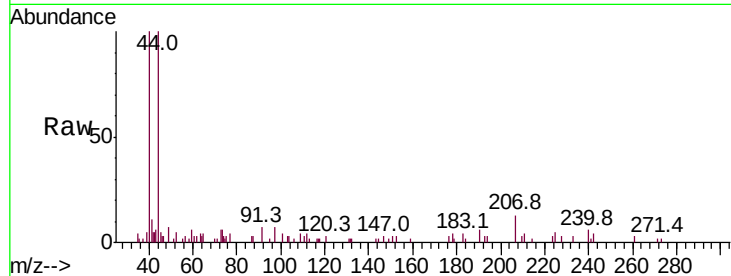
Tot Ion: 91 Resp: 643

Ion Ratio Lower Upper

91 100

92 0.0 33.3 99.8#

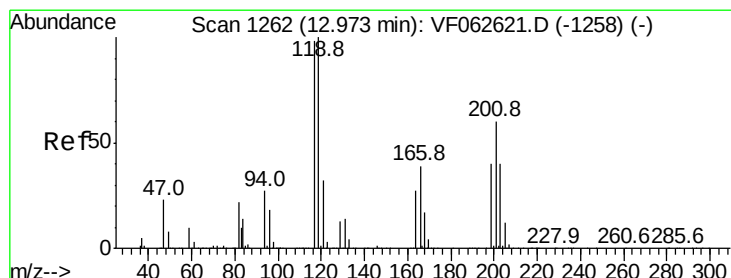
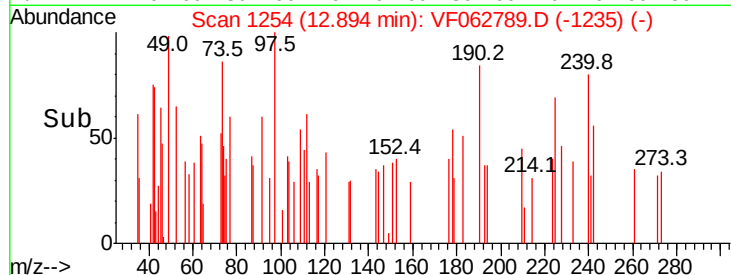
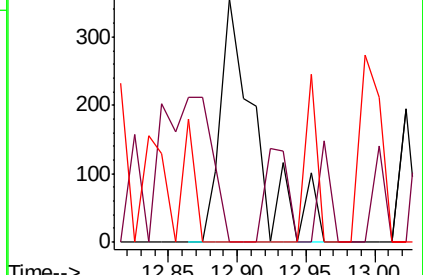
134 0.0 15.4 46.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 20.898 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.03 min

Lab File: VF062789.D

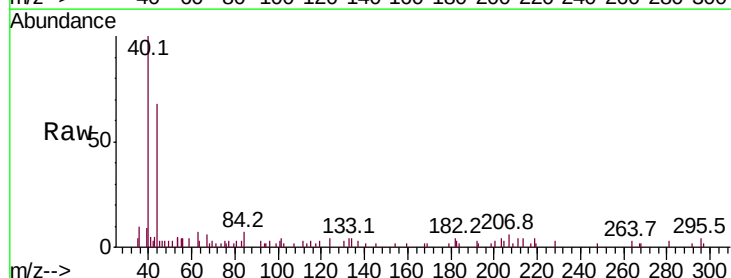
Acq: 29 May 2019 18:37

Tgt Ion: 117 Resp: 80

Ion Ratio Lower Upper

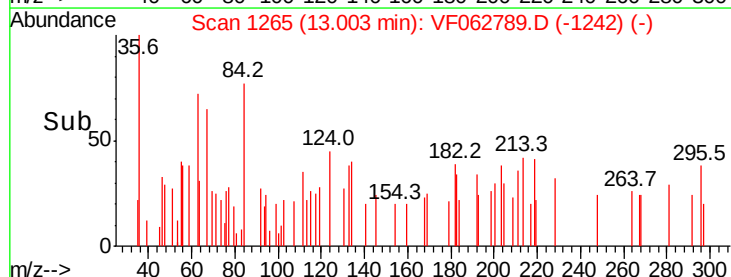
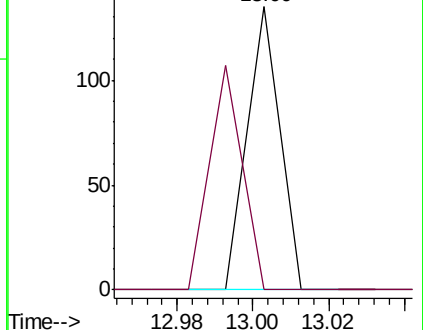
117 100

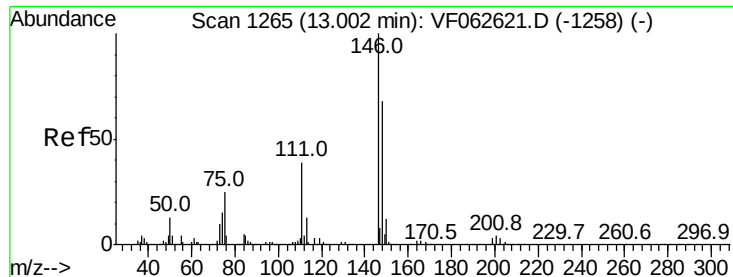
201 0.0 30.7 92.1#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#91

1,2-Dichlorobenzene

Concen: 11.506 ug/l

RT: 13.01 min Scan# 1266

Delta R.T. 0.01 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

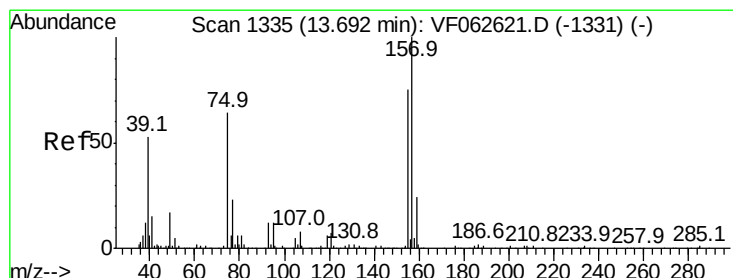
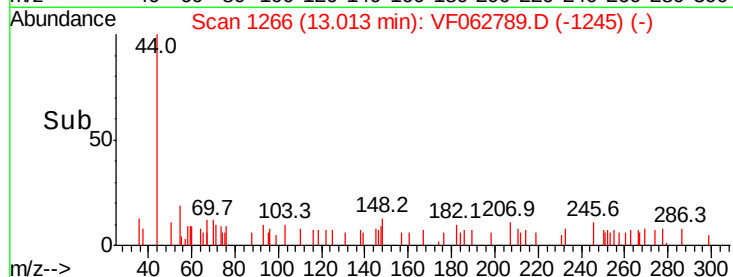
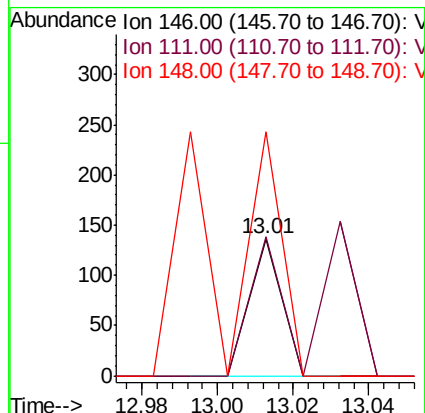
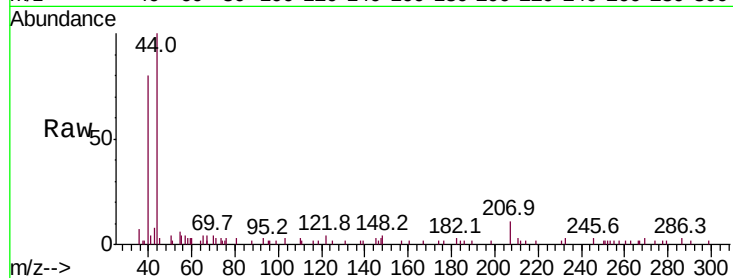
Tot Ion:146 Resp: 80

Ion Ratio Lower Upper

146 100

111 102.2 19.8 59.3#

148 178.7 34.1 102.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 141.892 ug/l

RT: 13.66 min Scan# 1332

Delta R.T. -0.03 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

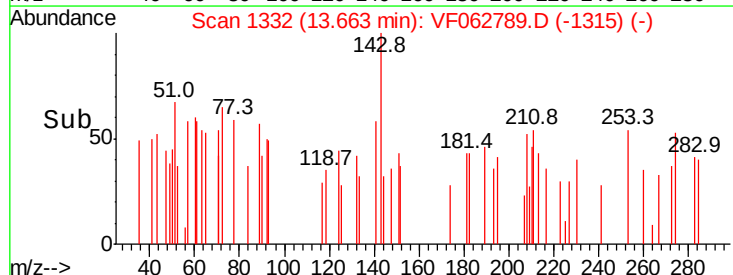
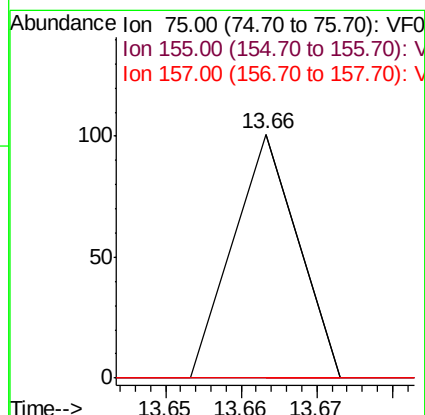
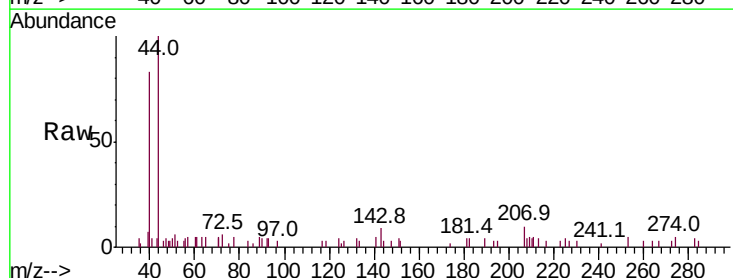
Tgt Ion: 75 Resp: 60

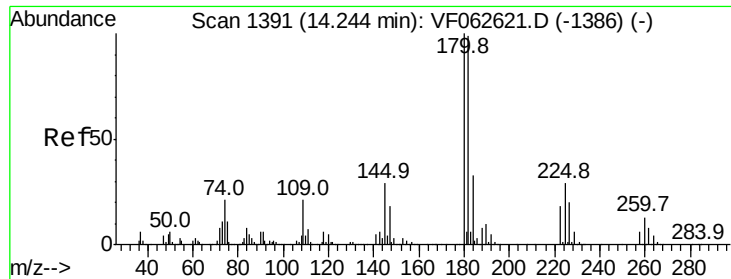
Ion Ratio Lower Upper

75 100

155 0.0 58.1 174.3#

157 0.0 77.8 233.4#

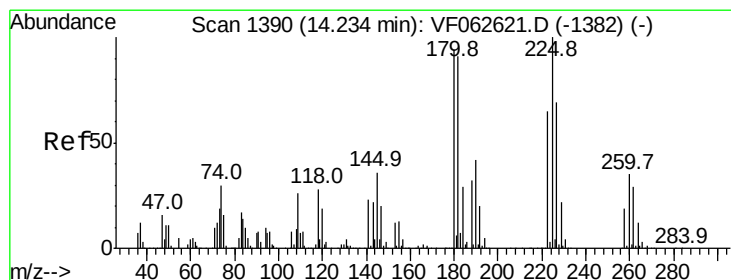
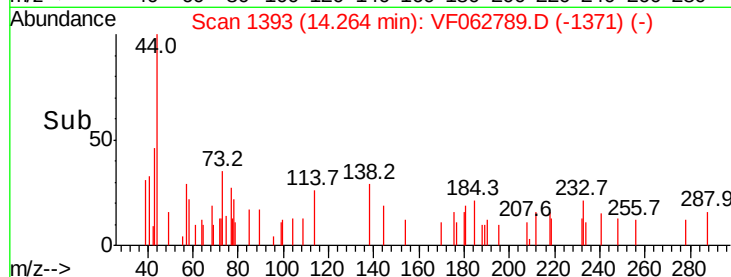
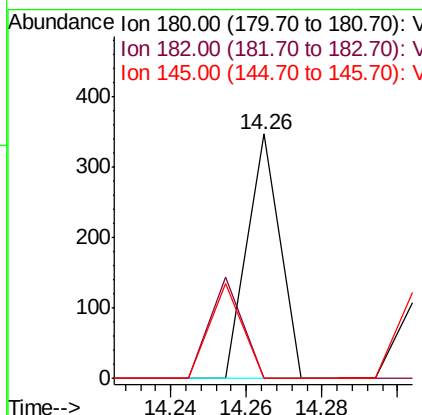
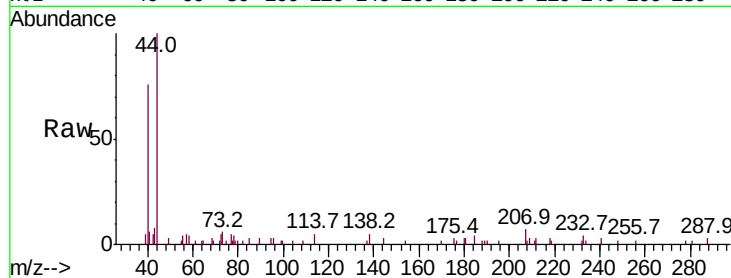




#93
 1,2,4-Trichlorobenzene
 Concen: 41.190 ug/l
 RT: 14.26 min Scan# 1393
 Delta R.T. 0.02 min
 Lab File: VF062789.D
 Acq: 29 May 2019 18:37

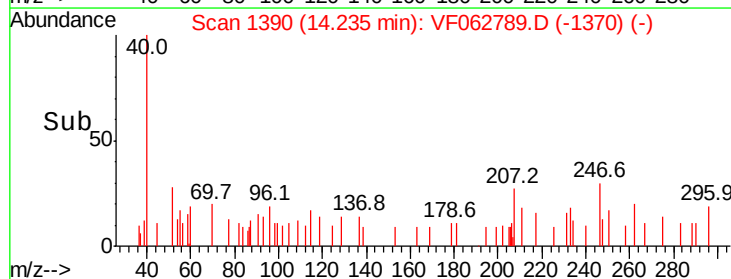
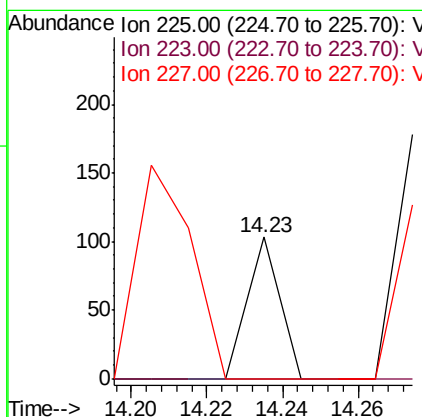
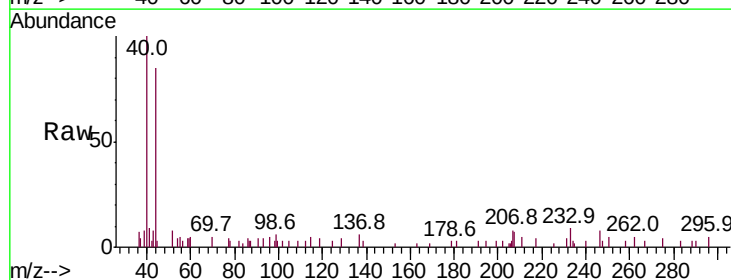
Instrument :
 MSVOA_F
 ClientSampleId :
 TEST-PIT-8RE

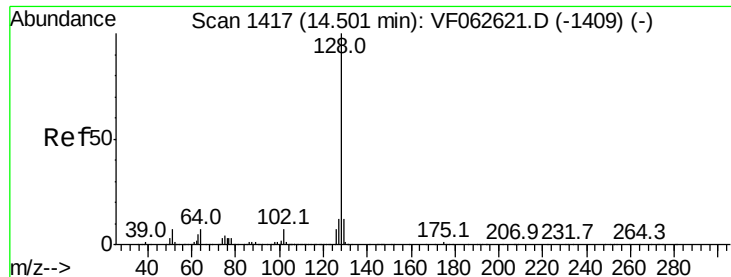
Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	49.7	149.1#
145	0.0	14.6	44.0#



#94
 Hexachlorobutadiene
 Concen: 17.563 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VF062789.D
 Acq: 29 May 2019 18:37

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





#95

Naphthalene

Concen: 12.498 ug/l

RT: 14.51 min Scan# 1418

Delta R.T. 0.01 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

TEST-PIT-8RE

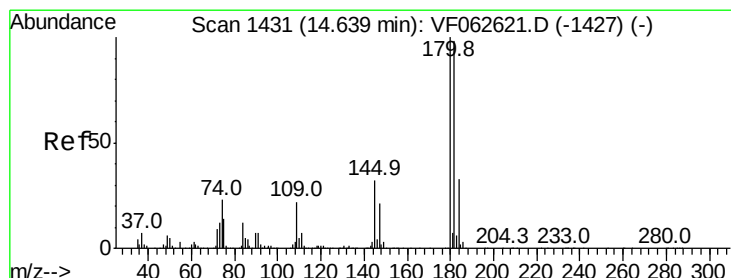
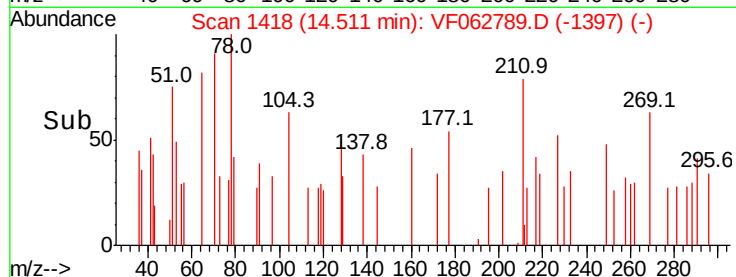
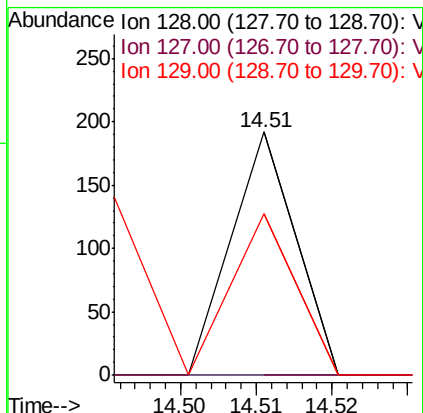
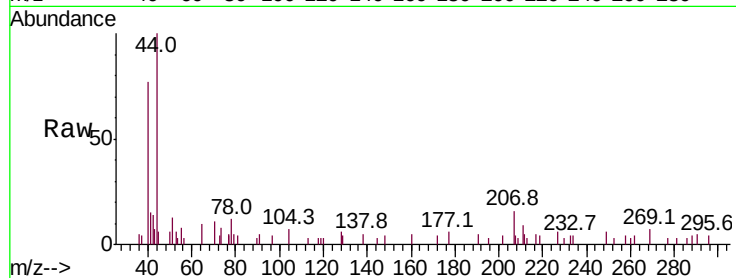
Tot Ion:128 Resp: 113

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

129 66.1 9.3 13.9#



#96

1,2,3-Trichlorobenzene

Concen: 15.485 ug/l

RT: 14.56 min Scan# 1423

Delta R.T. -0.08 min

Lab File: VF062789.D

Acq: 29 May 2019 18:37

Tgt Ion:180 Resp: 73

Ion Ratio Lower Upper

180 100

182 0.0 48.9 146.7#

145 88.6 16.1 48.2#

