

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060519\
 Data File : VF062867.D
 Acq On : 5 Jun 2019 16:06
 Operator : FY/SY
 Sample : K3183-11RE
 Misc : 5.87g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-4RE

Quant Time: Jun 06 08:02:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	29780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	32773	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.93	117	15021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	449	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.06	65	3387	16.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	32.90%	
35) Dibromofluoromethane	4.32	113	6627	26.76	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	53.52%	
50) Toluene-d8	7.73	98	19943	31.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	63.70%	
62) 4-Bromofluorobenzene	11.52	95	786	3.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	6.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.91	85	214	Below Cal		71
3) Chloromethane	1.23	50	1027	3.333	ug/l	96
4) Vinyl Chloride	1.33	62	313	1.022	ug/l	94
5) Bromomethane	1.42	94	553	3.167	ug/l	85
6) Chloroethane	1.30	64	355	3.101	ug/l	93
8) Diethyl Ether	1.74	74	160	1.876	ug/l	94
11) Tert butyl alcohol	2.73	59	371	29.739	ug/l	# 25
12) 1,1-Dichloroethene	1.91	96	921	3.722	ug/l	# 26
13) Acrolein	2.08	56	646	125.550	ug/l	# 64
14) Allyl chloride	2.23	41	1199	6.245	ug/l	# 61
15) Acrylonitrile	3.12	53	431	9.194	ug/l	# 81
16) Acetone	2.26	43	1020	21.641	ug/l	93
18) Methyl Acetate	2.40	43	1134	13.768	ug/l	91
19) Methyl tert-butyl Ether	2.55	73	1338	2.984	ug/l	# 85
20) Methylene Chloride	2.37	84	401	Below Cal	#	78
21) trans-1,2-Dichloroethene	2.41	96	620	2.499	ug/l	# 30
22) Diisopropyl ether	2.92	45	936	1.716	ug/l	# 51
25) 2-Butanone	4.50	43	384	3.498	ug/l	# 48
29) Tetrahydrofuran	4.31	42	380	9.052	ug/l	# 38
30) Chloroform	4.06	83	875	1.524	ug/l	# 15
31) Cyclohexane	3.89	56	587	1.065	ug/l	# 41
37) Ethyl Acetate	4.32	43	1915	16.604	ug/l	# 40
38) Carbon Tetrachloride	4.18	117	352	1.726	ug/l	# 1
41) Methacrylonitrile	4.94	41	437	6.816	ug/l	# 64
42) 1,2-Dichloroethane	5.16	62	519	3.108	ug/l	69
43) Isopropyl Acetate	7.11	43	1319	8.657	ug/l	# 38
45) 1,2-Dichloropropane	6.44	63	366	1.661	ug/l	# 85
48) Methyl methacrylate	6.88	41	672	8.559	ug/l	# 42
49) 1,4-Dioxane	6.87	88	422	407.748	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.41	43	1107	10.177	ug/l	# 32
53) t-1,3-Dichloropropene	8.42	75	436	2.008	ug/l	# 2
55) 1,1,2-Trichloroethane	8.62	97	379	2.682	ug/l	# 33
56) Ethyl methacrylate	8.78	69	195	1.286	ug/l	# 1
58) 2-Chloroethyl Vinyl ether	7.45	63	92	1.736	ug/l	# 51

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

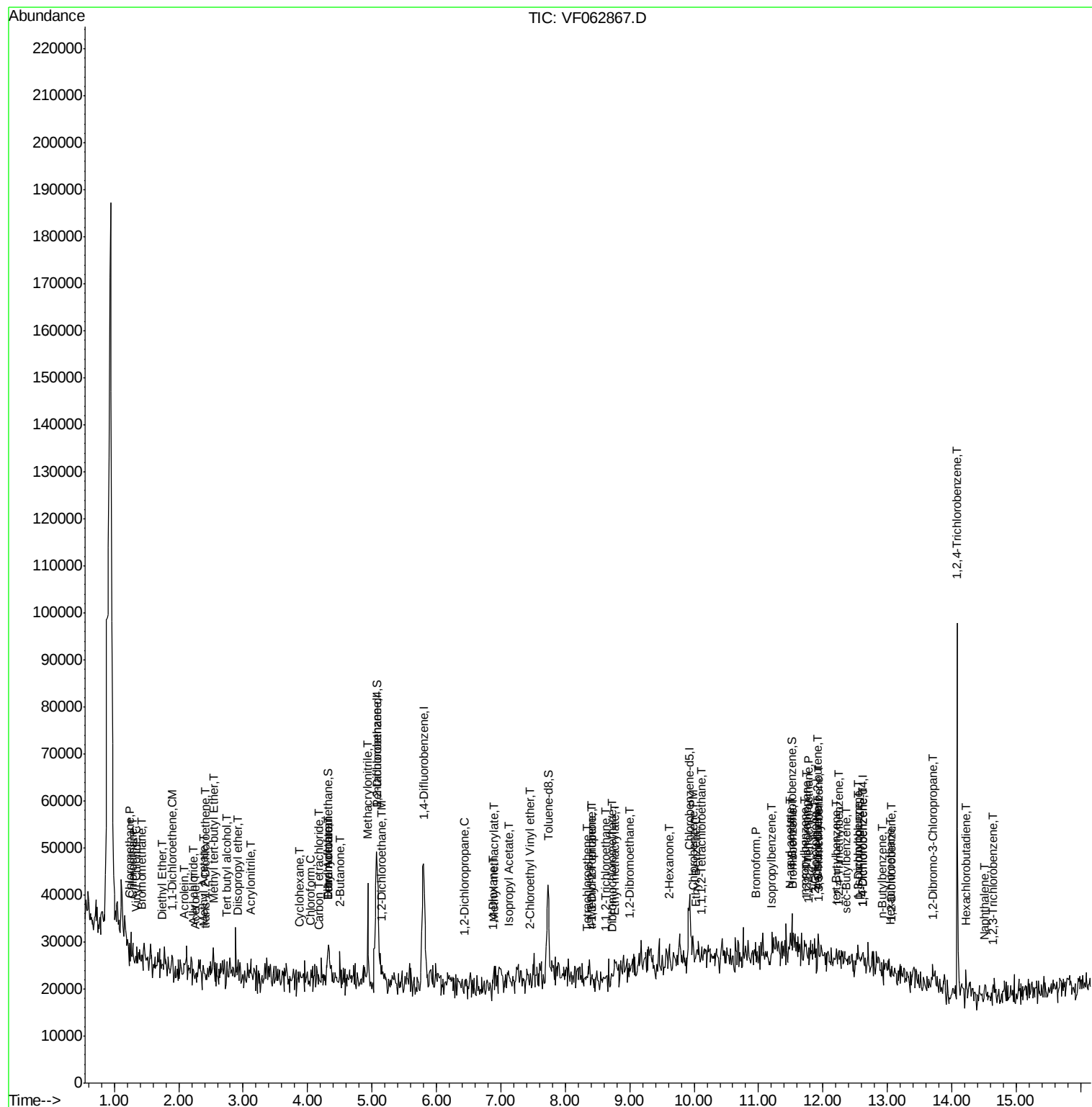
59) 2-Hexanone	9.61	43	1385	17.864	ug/l	71
60) Dibromochloromethane	8.74	129	235	1.343	ug/l	85
61) 1,2-Dibromoethane	8.99	107	170	1.159	ug/l	99
64) Tetrachloroethene	8.33	164	159	1.377	ug/l #	16
65) Chlorobenzene	9.97	112	420	1.448	ug/l #	60
66) 1,1,1,2-Tetrachloroethane	10.10	131	517	4.475	ug/l #	36
67) Ethyl Benzene	10.02	91	698	1.402	ug/l #	54
71) Bromoform	10.96	173	63	1.137	ug/l #	28
73) Isopropylbenzene	11.19	105	269	8.586	ug/l	91
74) N-amyl acetate	11.49	43	1077	121.971	ug/l #	33
75) 1,1,2,2-Tetrachloroethane	11.77	83	296	44.242	ug/l #	53
76) 1,2,3-Trichloropropane	11.75	75	270	60.882	ug/l	91
77) Bromobenzene	11.54	156	96	12.195	ug/l	84
78) n-propylbenzene	11.71	91	323	8.539	ug/l	97
79) 2-Chlorotoluene	11.86	91	397	18.341	ug/l	83
80) 1,3,5-Trimethylbenzene	11.94	105	334	13.036	ug/l #	22
81) trans-1,4-Dichloro-2-buten	11.93	75	248	132.086	ug/l #	61
82) 4-Chlorotoluene	11.92	91	194	9.120	ug/l	81
83) tert-Butylbenzene	12.22	119	143	5.633	ug/l #	8
84) 1,2,4-Trimethylbenzene	12.26	105	133	5.475	ug/l #	1
85) sec-Butylbenzene	12.36	105	80	2.391	ug/l #	1
86) p-Isopropyltoluene	12.53	119	67	2.406	ug/l #	19
87) 1,3-Dichlorobenzene	12.54	146	66	4.754	ug/l #	1
88) 1,4-Dichlorobenzene	12.62	146	72	5.557	ug/l #	1
89) n-Butylbenzene	12.92	91	242	8.640	ug/l #	24
90) Hexachloroethane	13.05	117	62	9.130	ug/l	77
91) 1,2-Dichlorobenzene	13.07	146	80	6.556	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.70	75	131	179.722	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.09	180	151	18.023	ug/l	82
94) Hexachlorobutadiene	14.22	225	66	11.387	ug/l #	19
95) Naphthalene	14.50	128	63	4.590	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.62	180	68	8.891	ug/l #	11

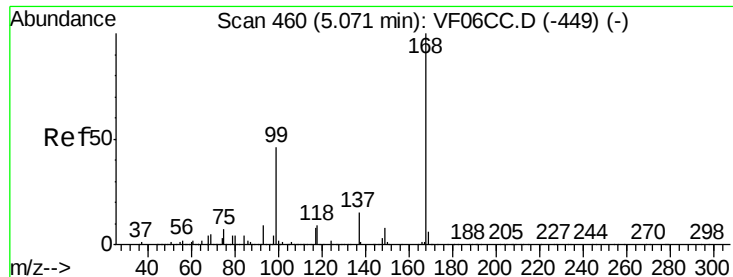
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.00 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampleId :

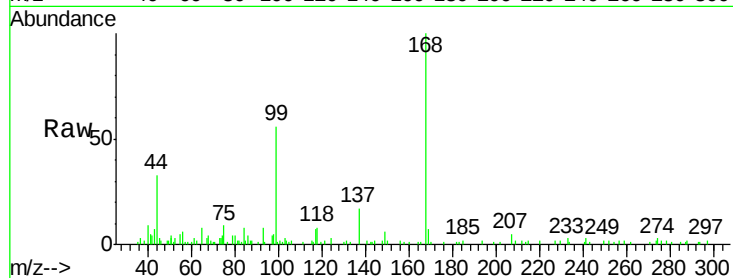
TP-4RE

Tot Ion:168 Resp: 29780

Ion Ratio Lower Upper

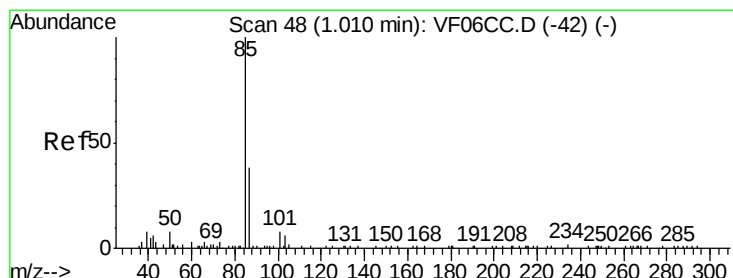
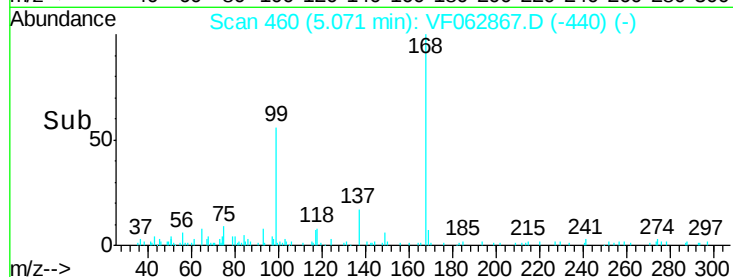
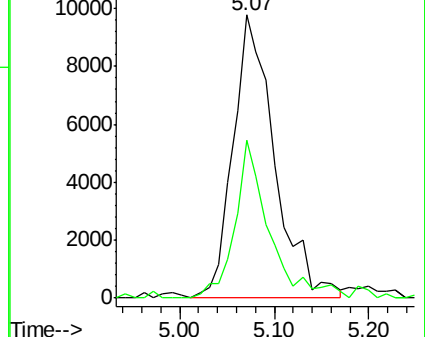
168 100

99 55.7 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 0.91 min Scan# 38

Delta R.T. -0.10 min

Lab File: VF062867.D

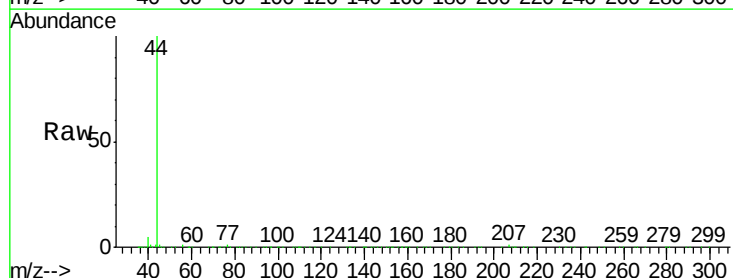
Acq: 5 Jun 2019 16:06

Tgt Ion: 85 Resp: 214

Ion Ratio Lower Upper

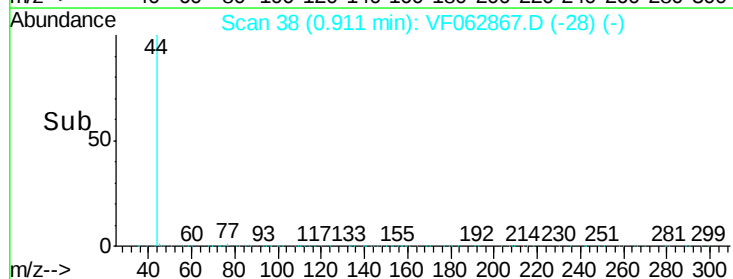
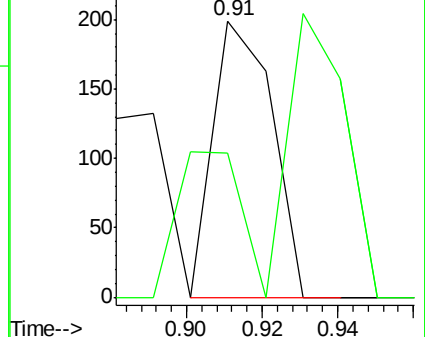
85 100

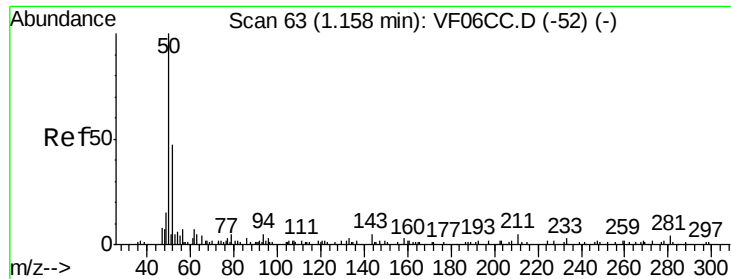
87 52.3 17.6 52.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 3.333 ug/l

RT: 1.23 min Scan# 70

Delta R.T. 0.08 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampled :

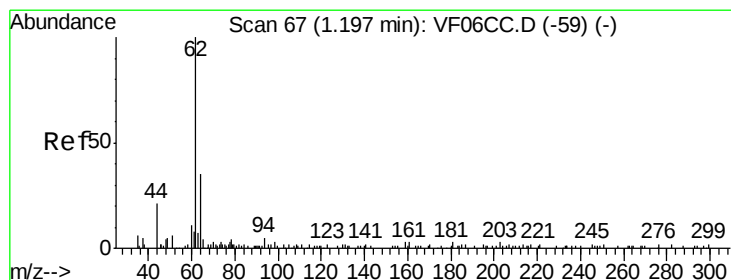
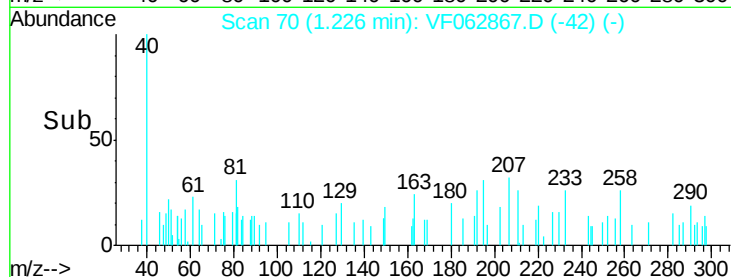
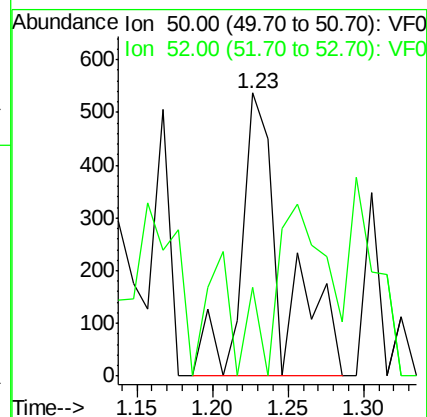
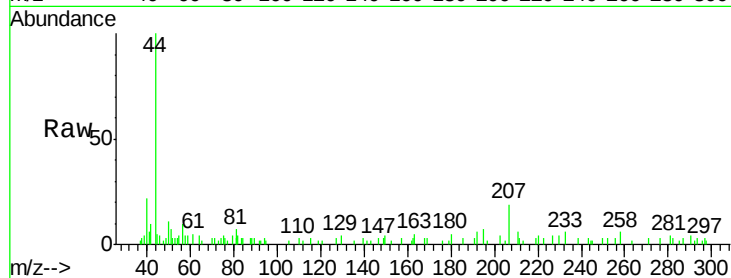
TP-4RE

Tot Ion: 50 Resp: 1027

Ion Ratio Lower Upper

50 100

52 31.3 27.0 40.4



#4

Vinyl Chloride

Concen: 1.022 ug/l

RT: 1.33 min Scan# 80

Delta R.T. 0.13 min

Lab File: VF062867.D

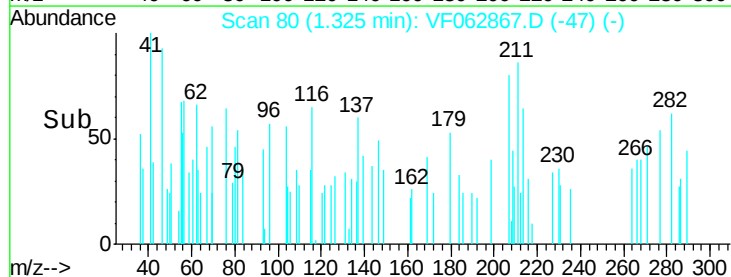
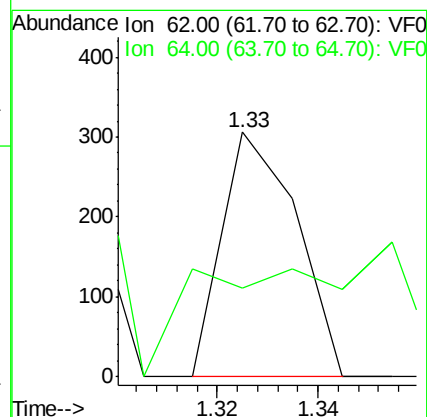
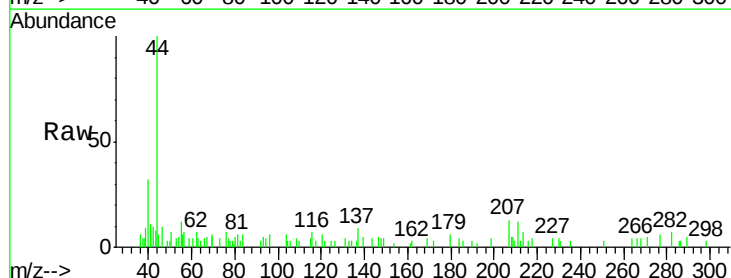
Acq: 5 Jun 2019 16:06

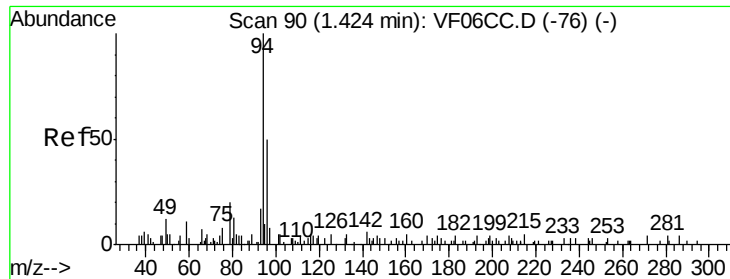
Tgt Ion: 62 Resp: 313

Ion Ratio Lower Upper

62 100

64 36.3 26.2 39.2





#5

Bromomethane

Concen: 3.167 ug/l

RT: 1.42 min Scan# 90

Delta R.T. 0.02 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampled :

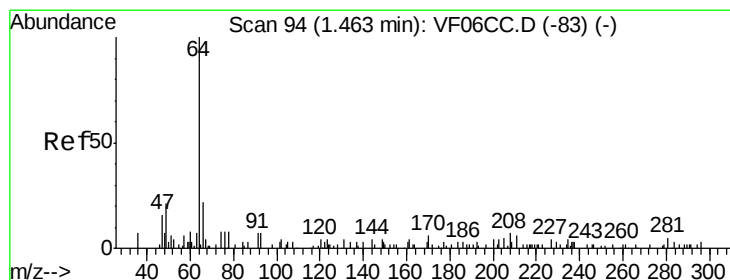
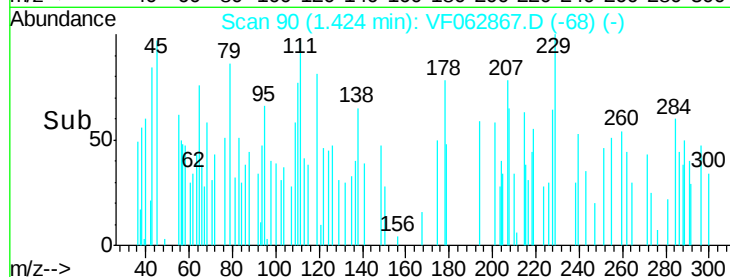
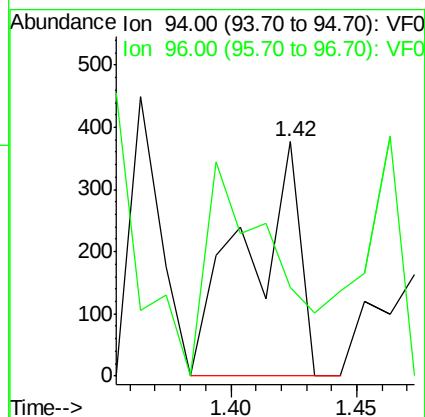
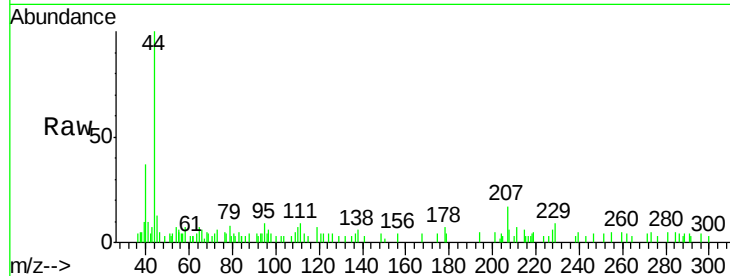
TP-4RE

Tot Ion: 94 Resp: 553

Ion Ratio Lower Upper

94 100

96 106.9 73.8 110.6



#6

Chloroethane

Concen: 3.101 ug/l

RT: 1.30 min Scan# 77

Delta R.T. -0.17 min

Lab File: VF062867.D

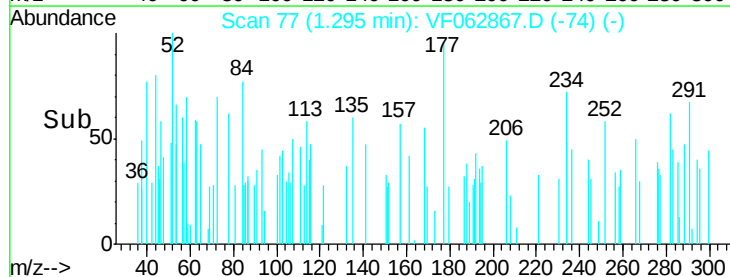
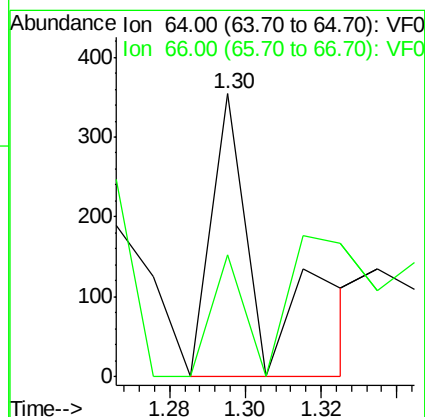
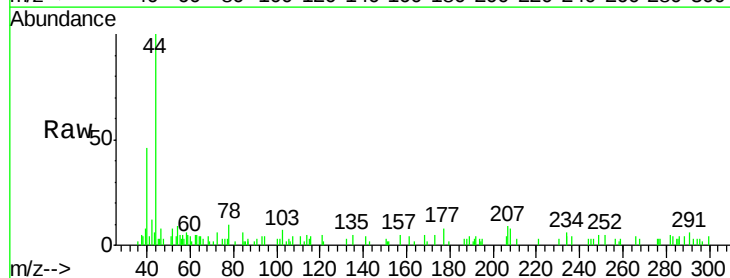
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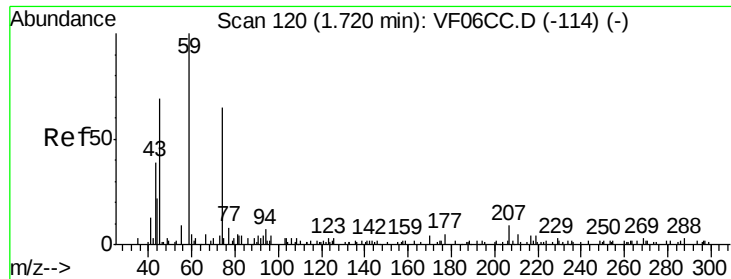
Tgt Ion: 64 Resp: 355

Ion Ratio Lower Upper

64 100

66 43.2 31.0 46.4

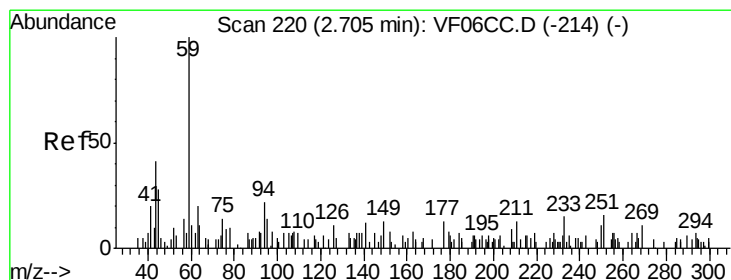
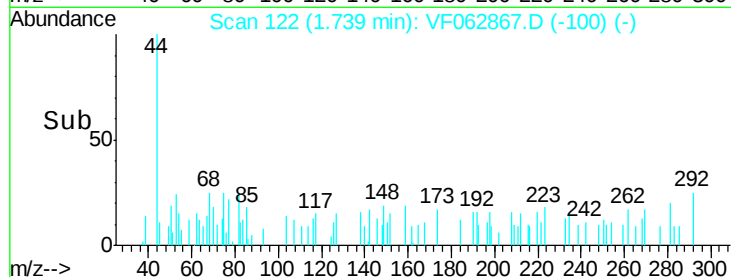
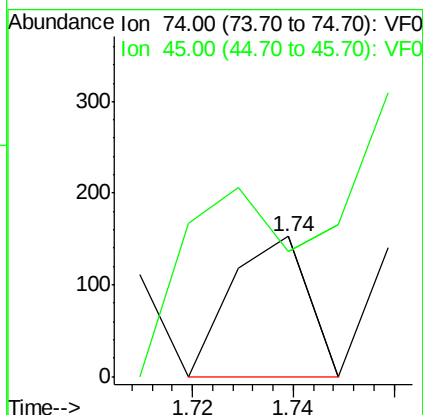
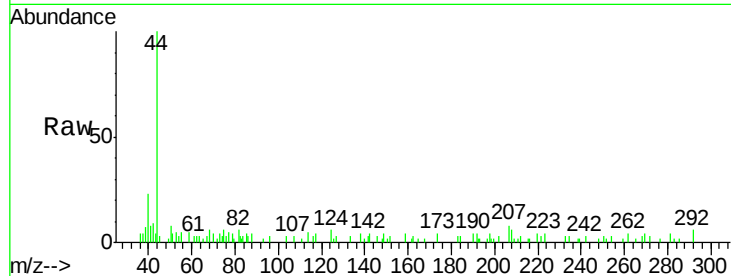




#8
Diethyl Ether
Concen: 1.876 ug/l
RT: 1.74 min Scan# 122
Delta R.T. 0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

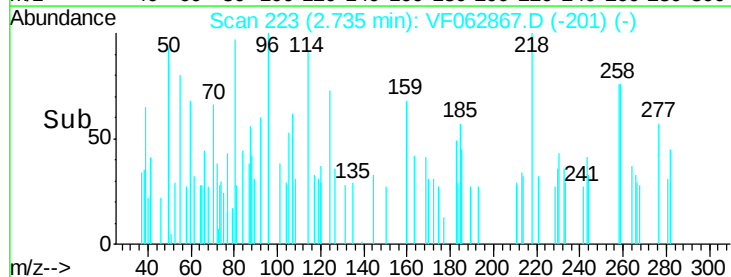
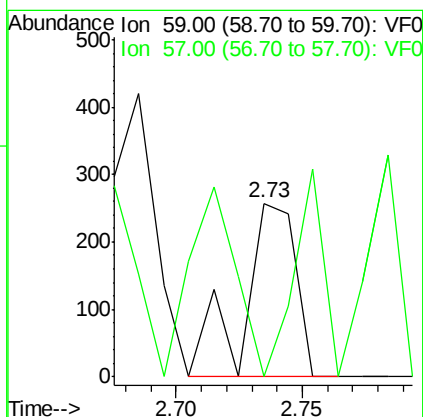
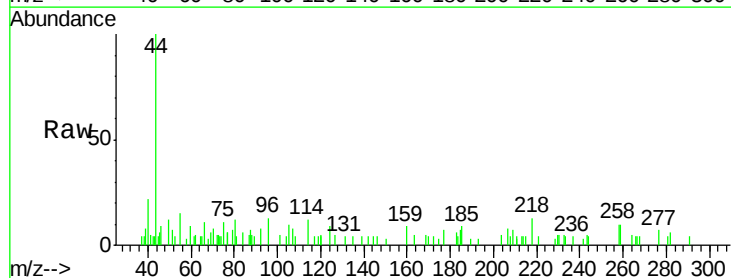
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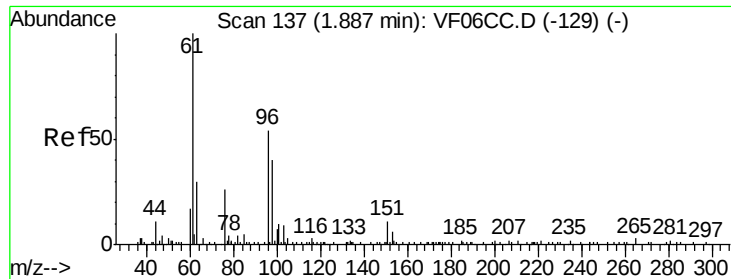
Tot Ion: 74 Resp: 160
Ion Ratio Lower Upper
74 100
45 88.9 47.5 142.5



#11
Tert butyl alcohol
Concen: 29.739 ug/l
RT: 2.73 min Scan# 223
Delta R.T. 0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 59 Resp: 371
Ion Ratio Lower Upper
59 100
57 40.5 9.2 13.8#

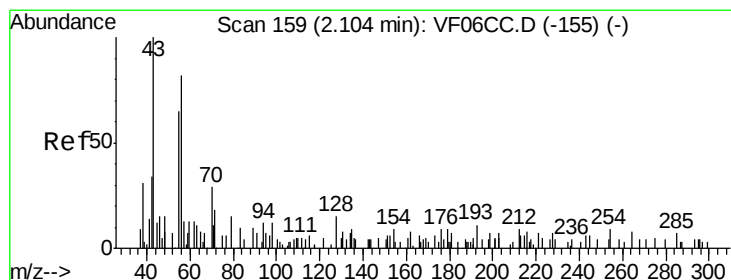
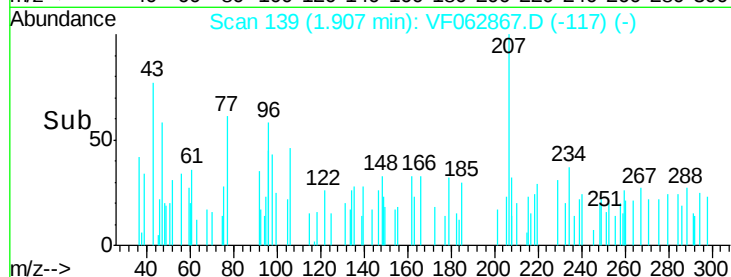
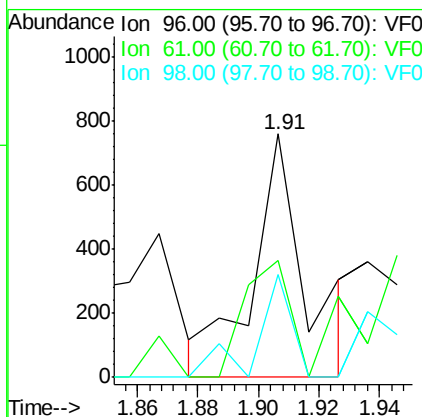
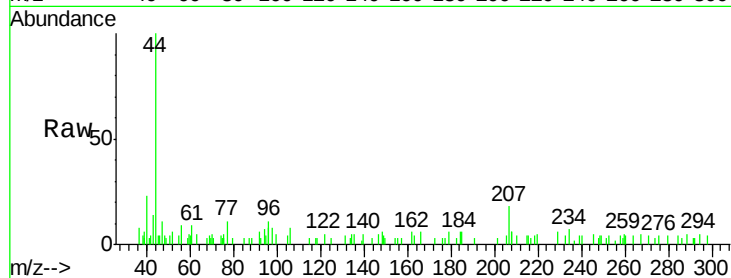




#12
 1,1-Dichloroethene
 Concen: 3.722 ug/l
 RT: 1.91 min Scan# 139
 Delta R.T. 0.02 min
 Lab File: VF062867.D
 Acq: 5 Jun 2019 16:06

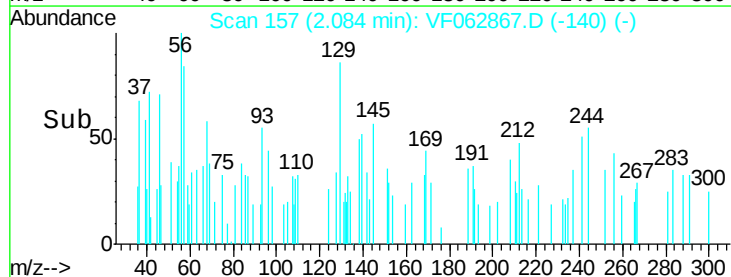
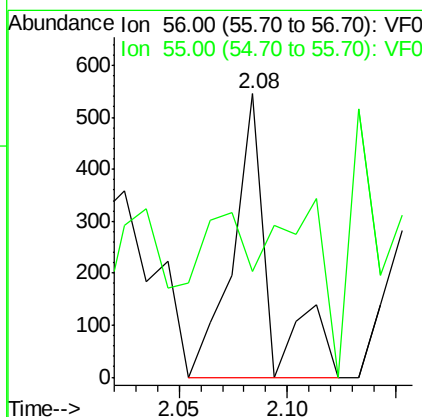
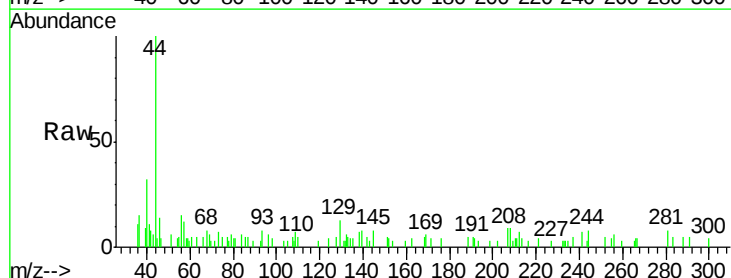
Instrument :
 MSVOA_F
 ClientSampleId :
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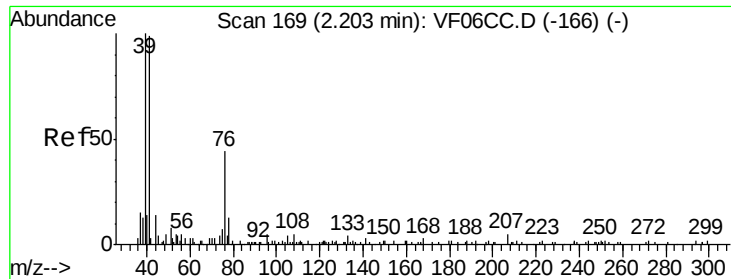
Tot Ion: 96 Resp: 921
 Ion Ratio Lower Upper
 96 100
 61 47.8 139.4 209.2#
 98 42.2 50.3 75.5#



#13
 Acrolein
 Concen: 125.550 ug/l
 RT: 2.08 min Scan# 157
 Delta R.T. -0.03 min
 Lab File: VF062867.D
 Acq: 5 Jun 2019 16:06

Tgt Ion: 56 Resp: 646
 Ion Ratio Lower Upper
 56 100
 55 37.2 52.9 79.3#

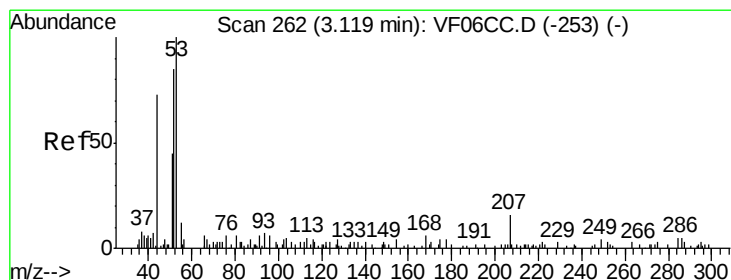
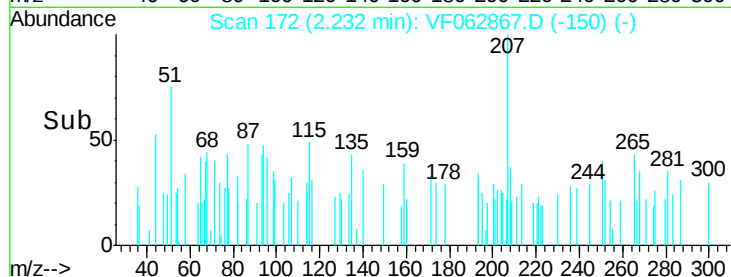
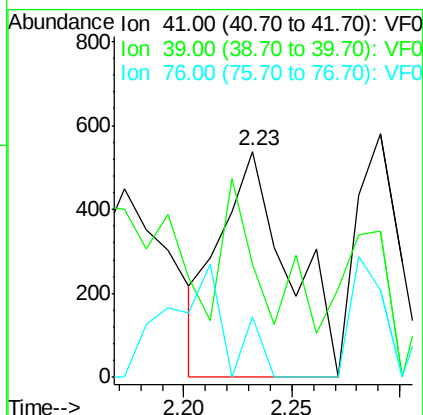
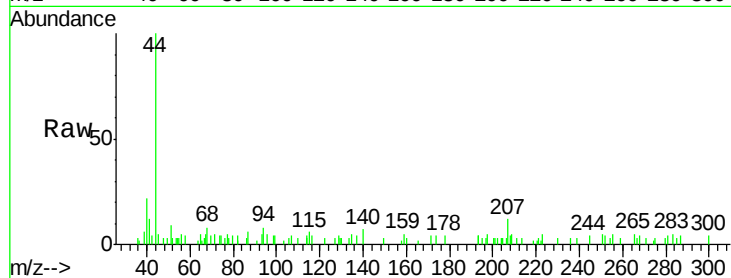




#14
Allvl chloride
Concen: 6.245 ug/l
RT: 2.23 min Scan# 172
Delta R.T. 0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

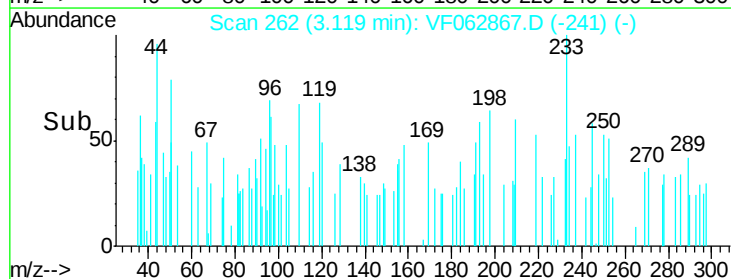
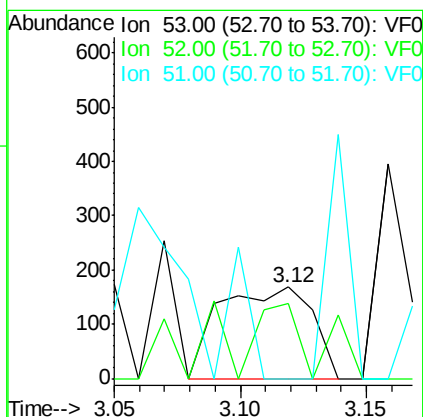
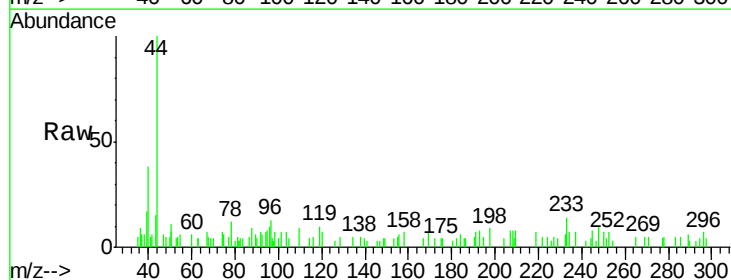
Instrument :
MSVOA_F
ClientSampled :
TP-4RE

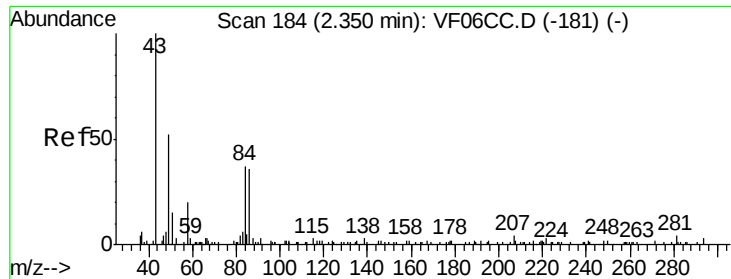
Tot Ion: 41 Resp: 1199
Ion Ratio Lower Upper
41 100
39 50.4 71.9 107.9#
76 26.8 39.6 59.4#



#15
Acrylonitrile
Concen: 9.194 ug/l
RT: 3.12 min Scan# 262
Delta R.T. 0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 53 Resp: 431
Ion Ratio Lower Upper
53 100
52 82.7 68.1 102.1
51 0.0 27.7 41.5#

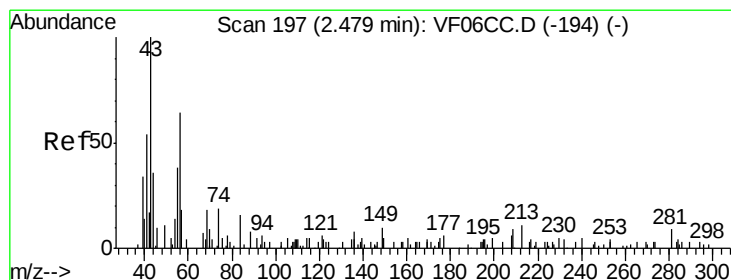
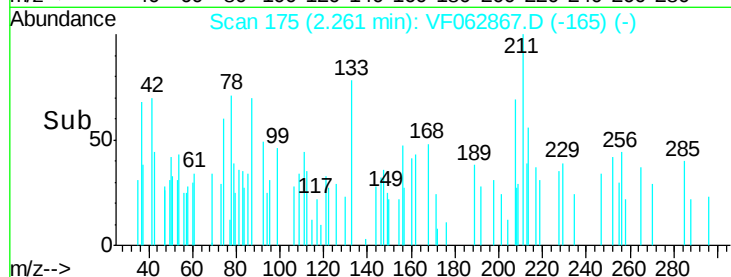
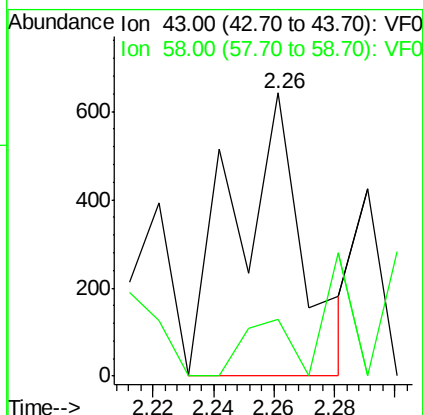
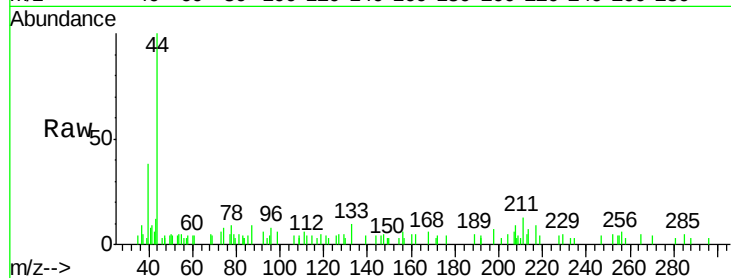




#16
Acetone
Concen: 21.641 ug/l
RT: 2.26 min Scan# 175
Delta R.T. -0.10 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

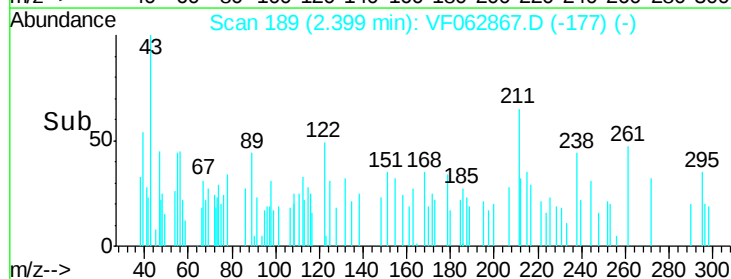
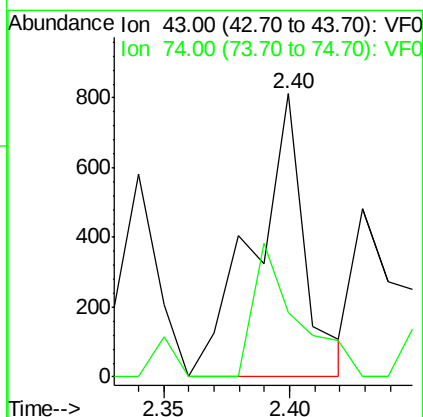
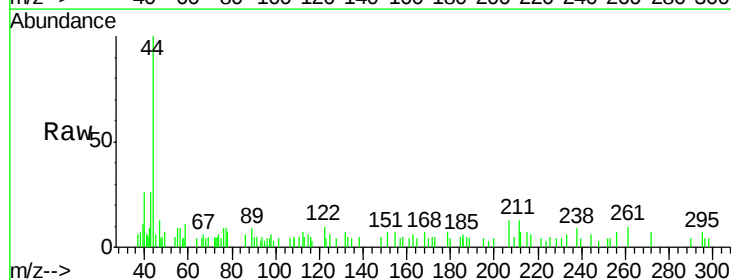
Instrument :
MSVOA_F
ClientSampleId :
TP-4RE

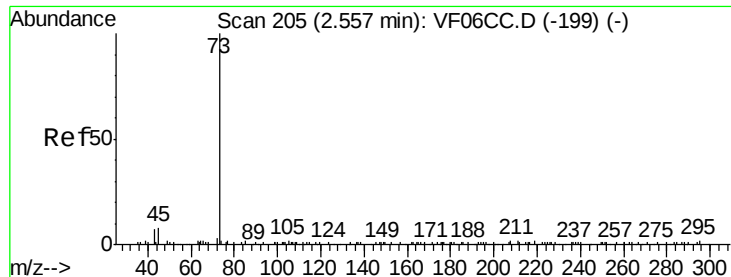
Tot Ion: 43 Resp: 1020
Ion Ratio Lower Upper
43 100
58 20.2 19.0 28.4



#18
Methyl Acetate
Concen: 13.768 ug/l
RT: 2.40 min Scan# 189
Delta R.T. -0.08 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
74 22.8 22.1 33.1

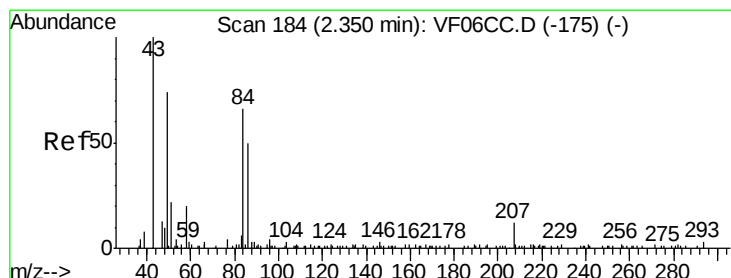
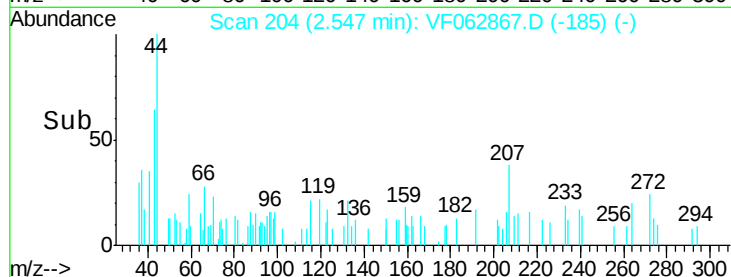
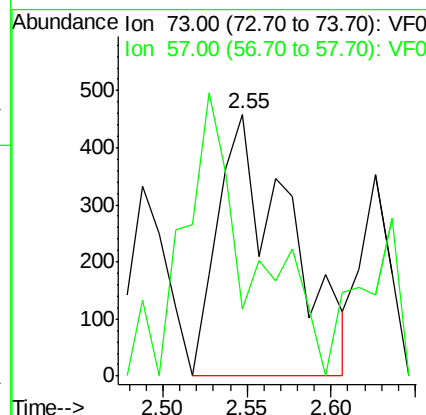
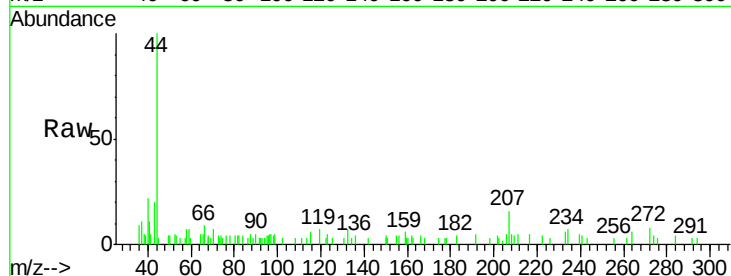




#19
Methyl tert-butyl Ether
Concen: 2.984 ug/l
RT: 2.55 min Scan# 204
Delta R.T. -0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

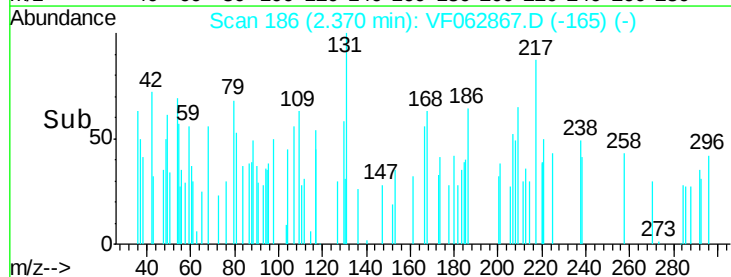
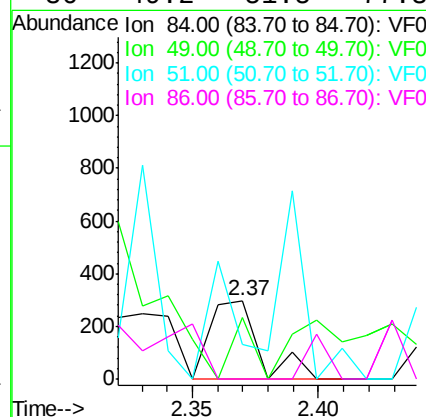
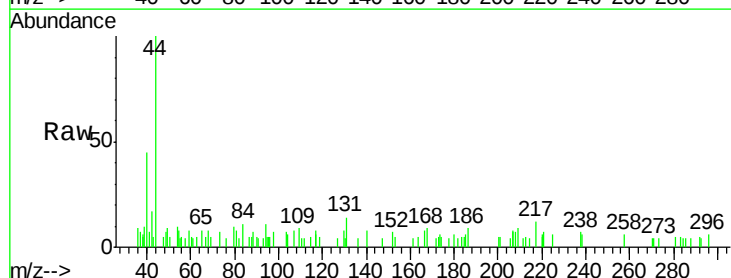
Instrument :
MSVOA_F
ClientSampleId :
TP-4RE

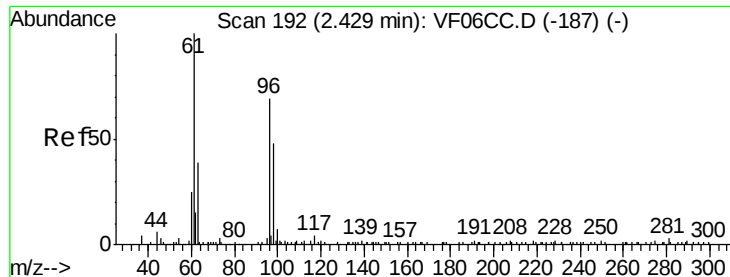
Tot Ion: 73 Resp: 1338
Ion Ratio Lower Upper
73 100
57 25.7 15.1 22.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.37 min Scan# 186
Delta R.T. 0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 84 Resp: 401
Ion Ratio Lower Upper
84 100
49 79.5 82.6 123.8#
51 43.8 25.0 37.4#
86 49.2 51.5 77.3#





#21

trans-1,2-Dichloroethene

Concen: 2.499 ug/l

RT: 2.41 min Scan# 190

Delta R.T. -0.03 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampleId :

TP-4RE

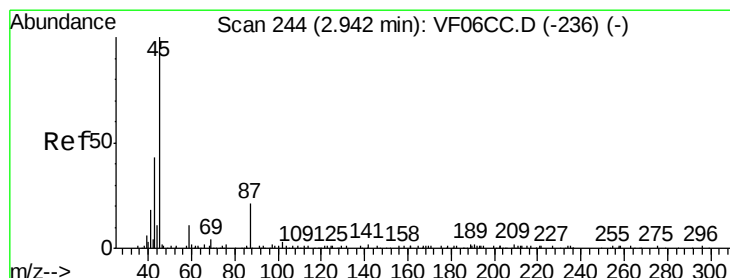
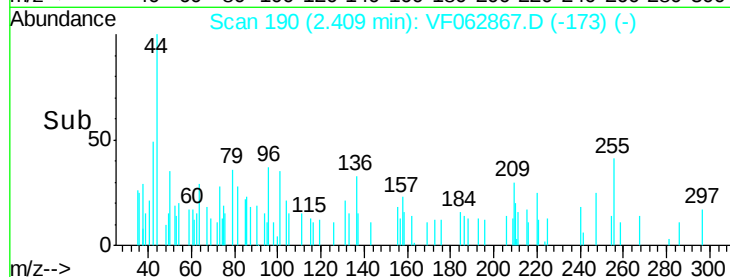
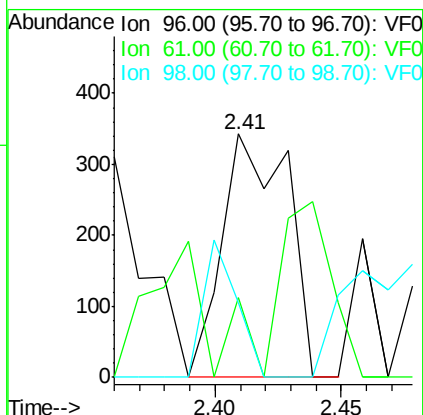
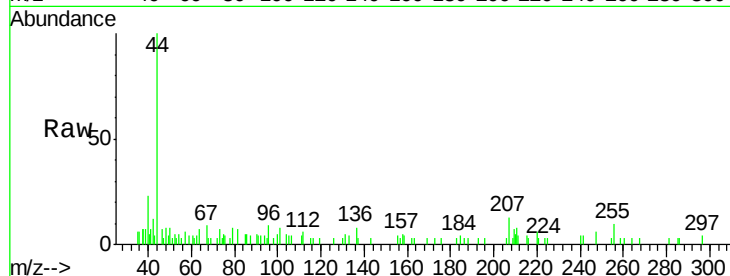
Tot Ion: 96 Resp: 620

Ion Ratio Lower Upper

96 100

61 32.9 105.0 157.6#

98 30.6 51.1 76.7#



#22

Diisopropyl ether

Concen: 1.716 ug/l

RT: 2.92 min Scan# 242

Delta R.T. -0.03 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Tgt Ion: 45 Resp: 936

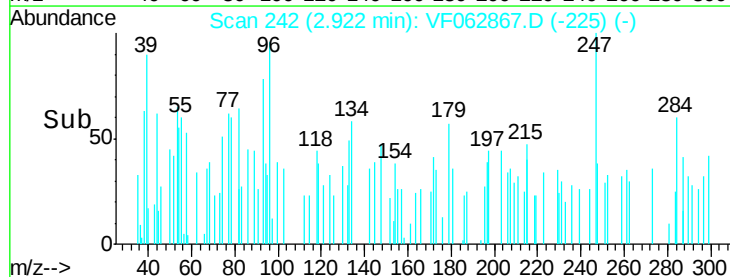
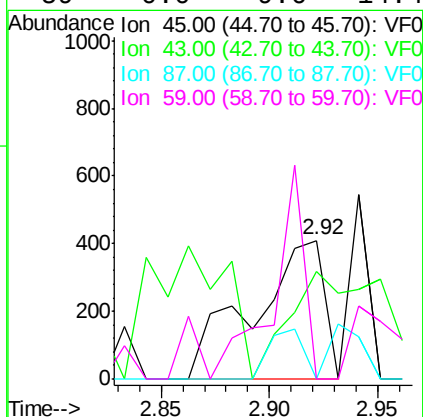
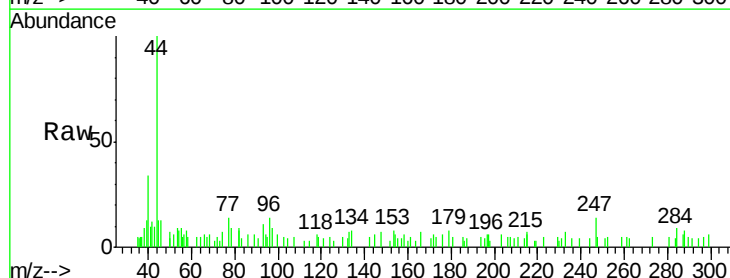
Ion Ratio Lower Upper

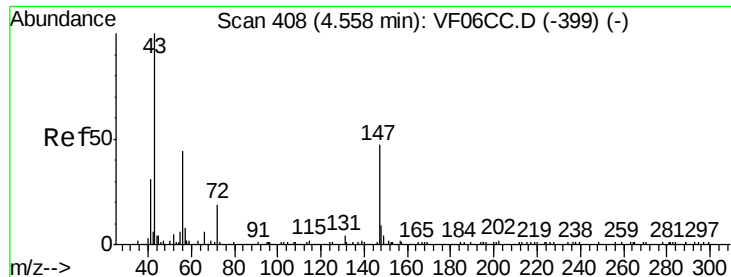
45 100

43 77.3 34.3 51.5#

87 0.0 19.0 28.4#

59 0.0 9.6 14.4#

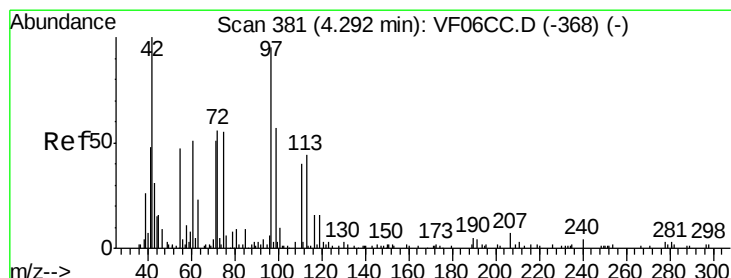
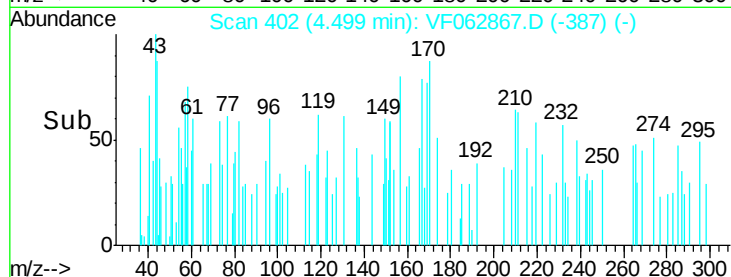
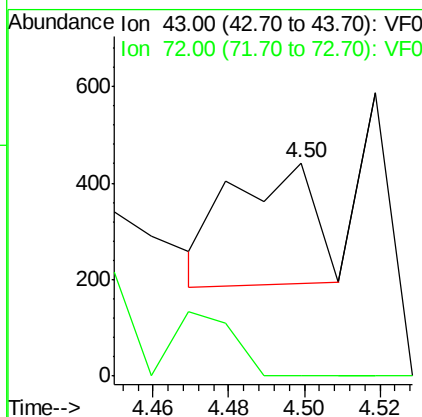
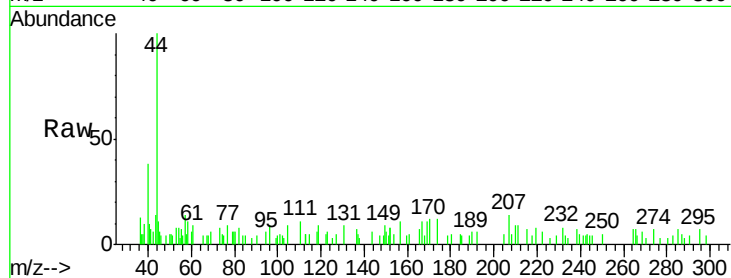




#25
2-Butanone
Concen: 3.498 ug/l
RT: 4.50 min Scan# 402
Delta R.T. -0.05 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

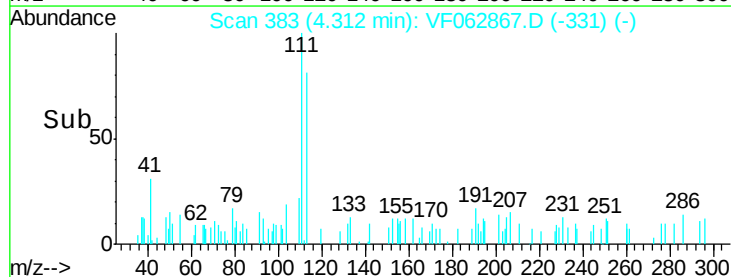
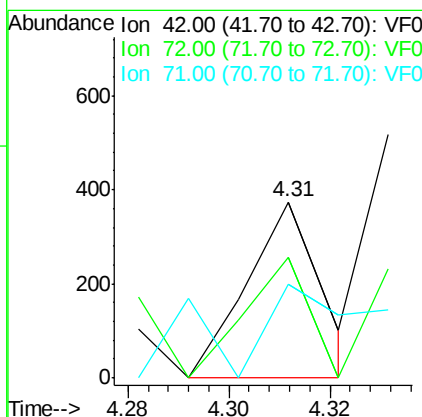
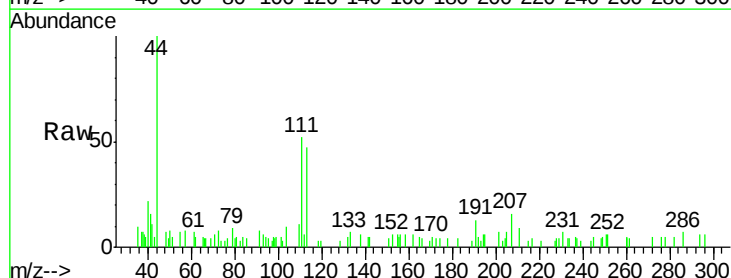
Instrument :
MSVOA_F
ClientSampled :
TP-4RE

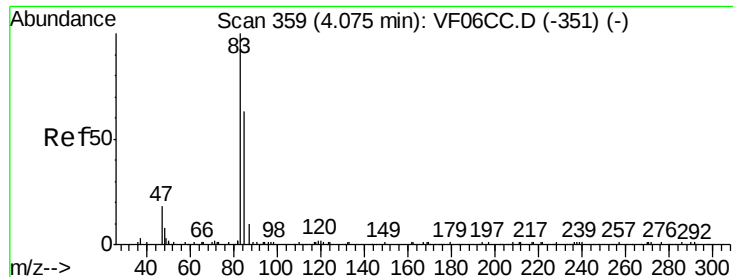
Tot Ion: 43 Resp: 384
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#



#29
Tetrahydrofuran
Concen: 9.052 ug/l
RT: 4.31 min Scan# 383
Delta R.T. 0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 42 Resp: 380
Ion Ratio Lower Upper
42 100
72 85.5 39.0 58.6#
71 0.0 36.9 55.3#

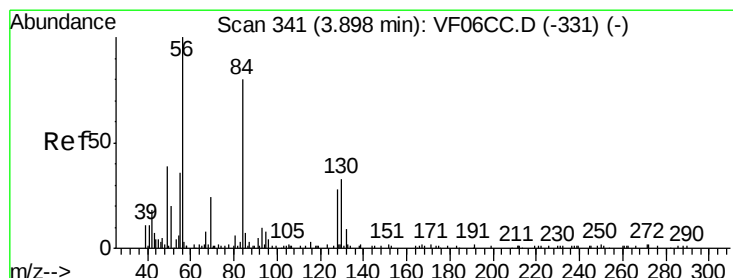
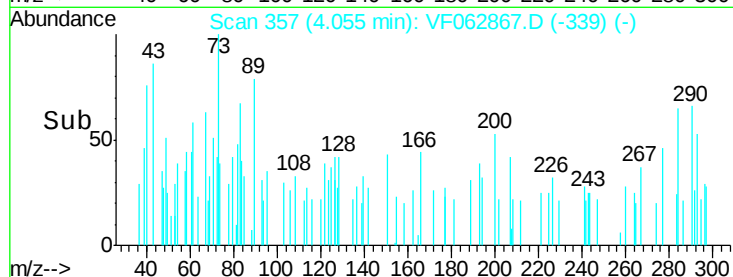
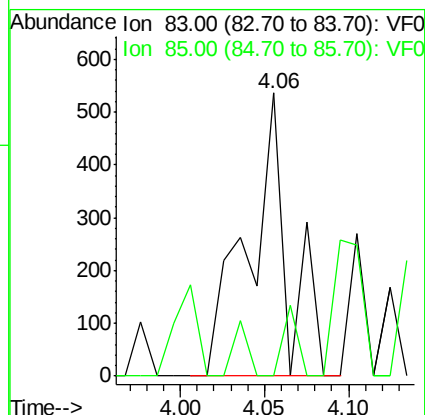
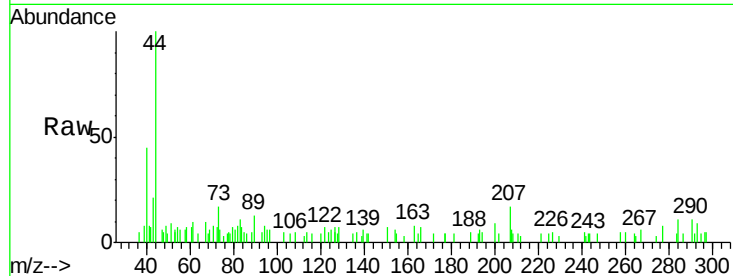




#30
Chloroform
Concen: 1.524 ug/l
RT: 4.06 min Scan# 357
Delta R.T. -0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

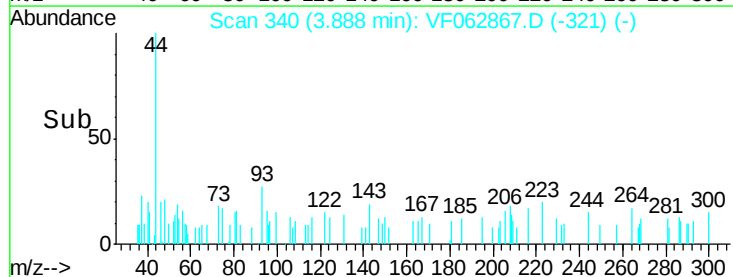
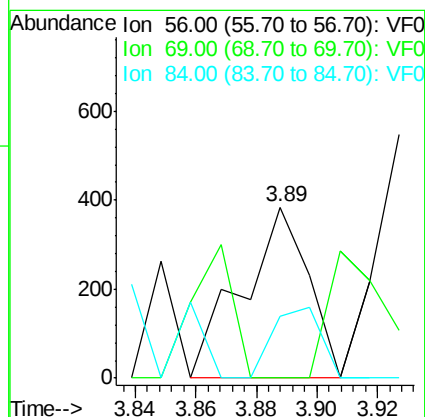
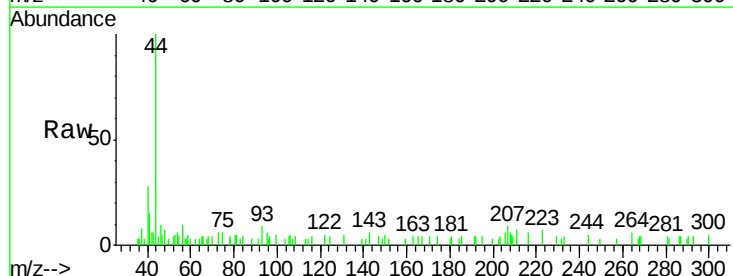
Instrument :
MSVOA_F
ClientSampleId :
TP-4RE

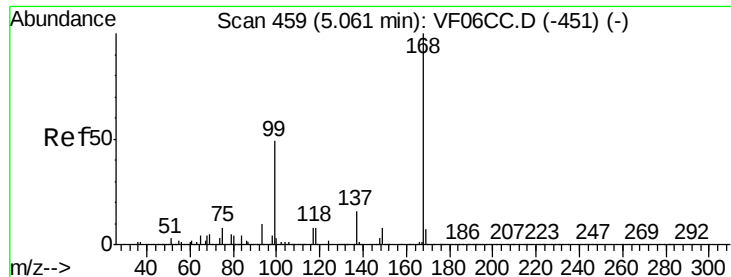
Tot Ion: 83 Resp: 875
Ion Ratio Lower Upper
83 100
85 0.0 55.0 82.6#



#31
Cyclohexane
Concen: 1.065 ug/l
RT: 3.89 min Scan# 340
Delta R.T. -0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 56 Resp: 587
Ion Ratio Lower Upper
56 100
69 0.0 26.7 40.1#
84 36.5 74.3 111.5#





#33

1,2-Dichloroethane-d4

Concen: 16.447 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampled :

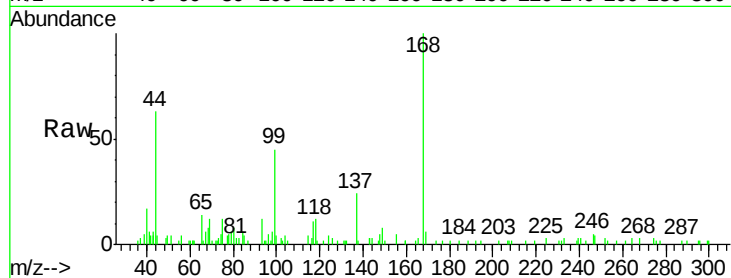
TP-4RE

Tot Ion: 65 Resp: 3387

Ion Ratio Lower Upper

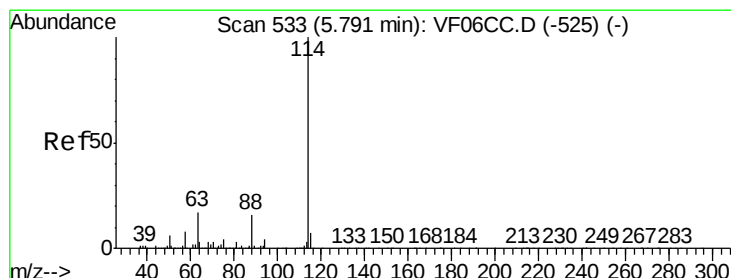
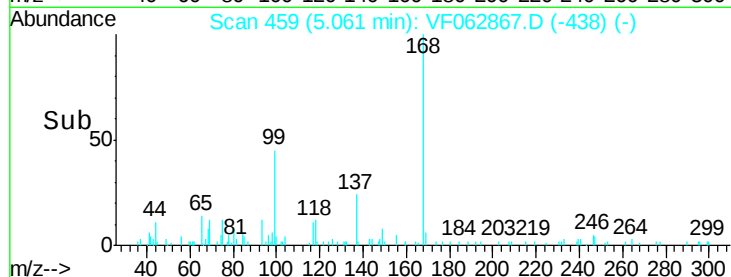
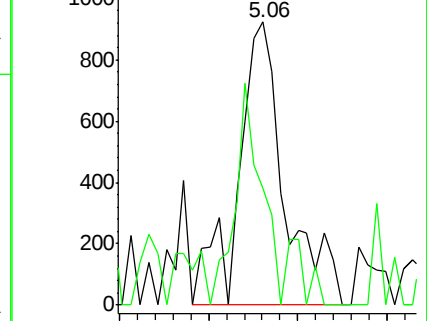
65 100

67 41.4 0.0 121.2



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: 5.79 min Scan# 533

Delta R.T. -0.01 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

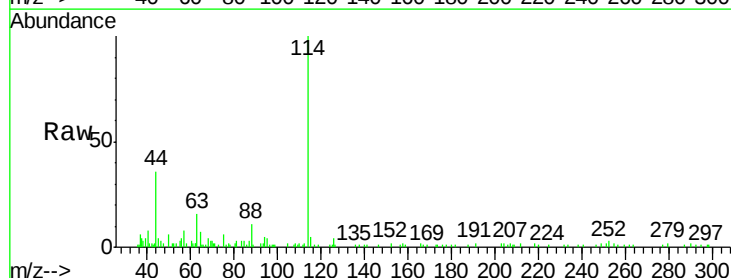
Tgt Ion: 114 Resp: 32773

Ion Ratio Lower Upper

114 100

63 15.9 0.0 34.2

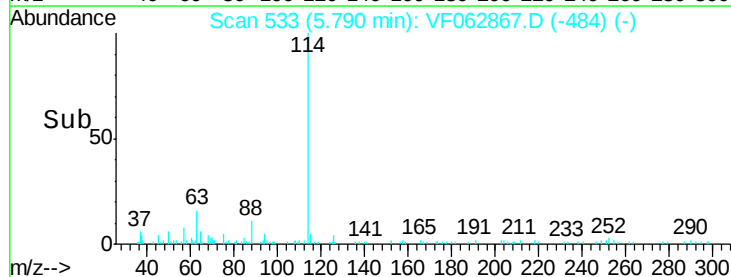
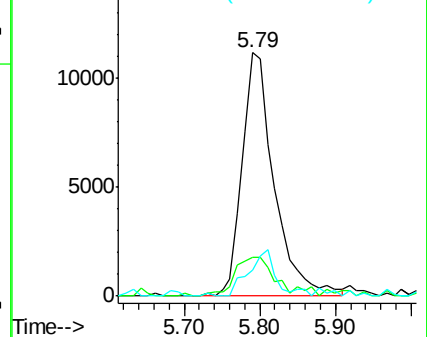
88 10.7 0.0 31.2

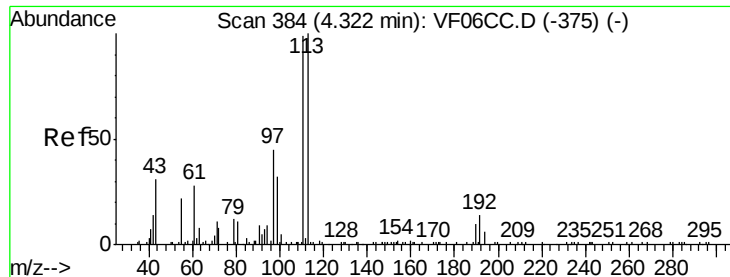


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 26.760 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.01 min

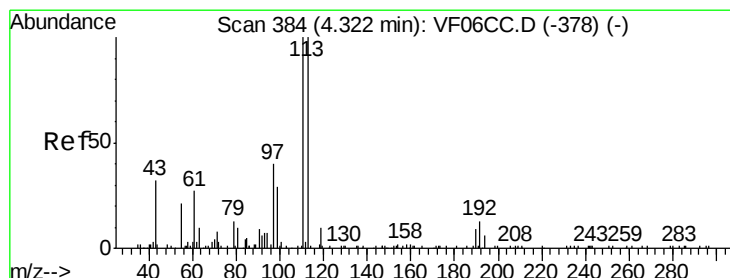
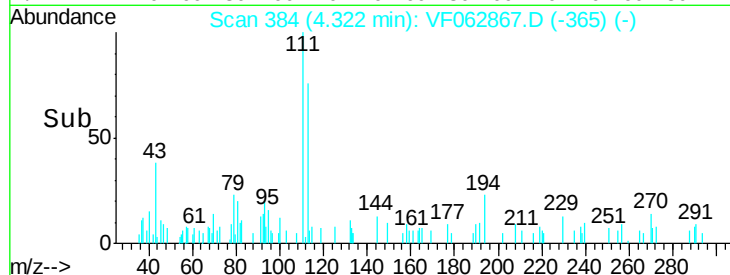
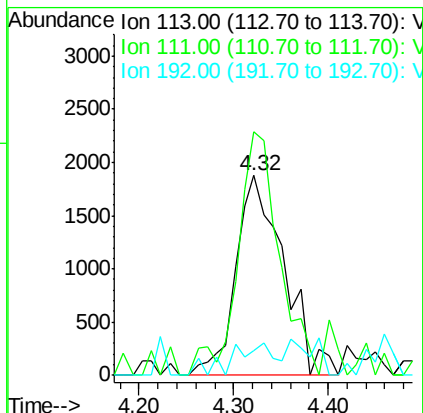
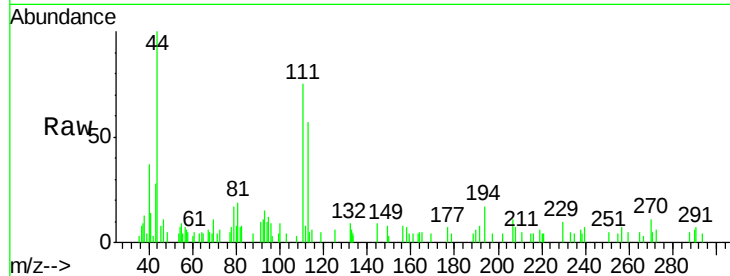
Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :
MSVOA_F
ClientSampleId :
TP-4RE

Tot Ion:113 Resp: 6627

Ion	Ratio	Lower	Upper
113	100		
111	122.0	81.9	122.9
192	12.6	15.1	22.7#



#37

Ethyl Acetate

Concen: 16.604 ug/l

RT: 4.32 min Scan# 384

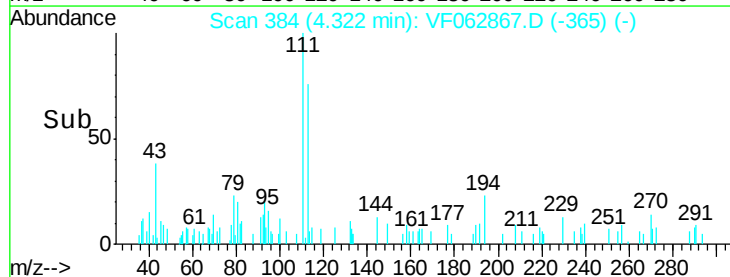
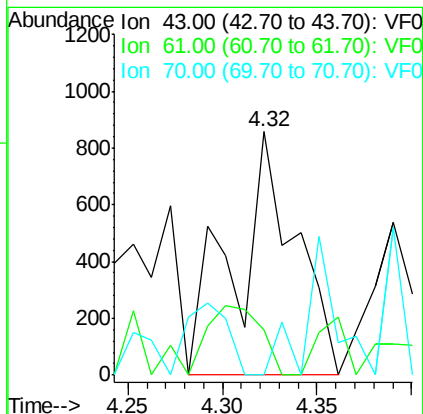
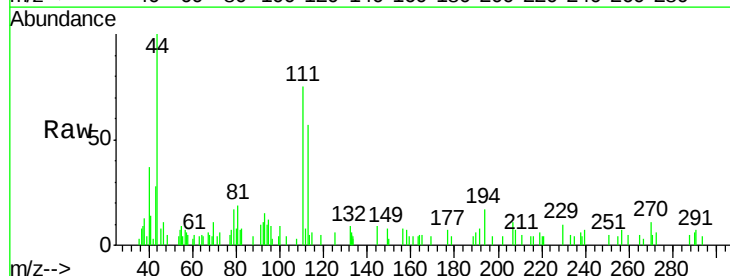
Delta R.T. -0.01 min

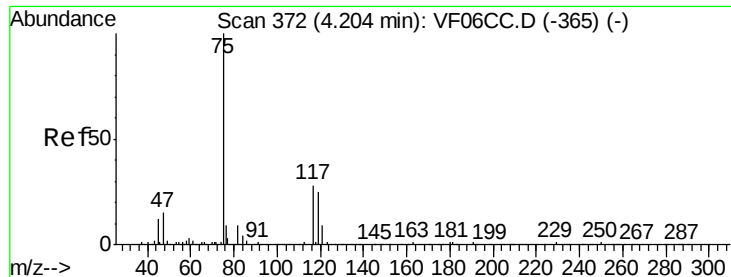
Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Tgt Ion: 43 Resp: 1915

Ion	Ratio	Lower	Upper
43	100		
61	18.8	59.1	88.7#
70	0.0	10.1	15.1#





#38

Carbon Tetrachloride

Concen: 1.726 ug/l

RT: 4.18 min Scan# 370

Delta R.T. -0.02 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampled :

TP-4RE

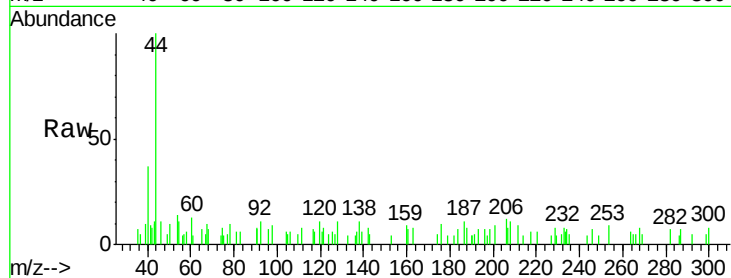
Tot Ion:117 Resp: 352

Ion Ratio Lower Upper

117 100

119 0.0 78.2 117.2#

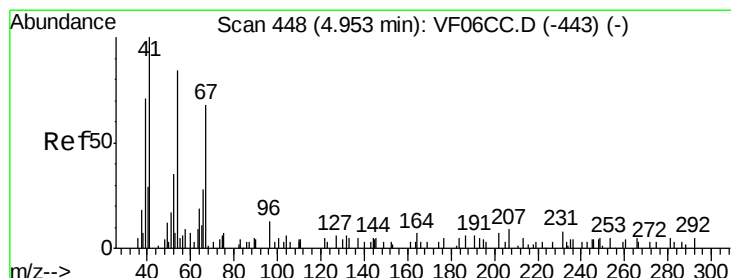
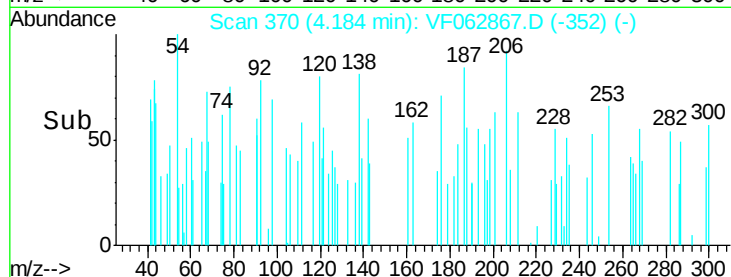
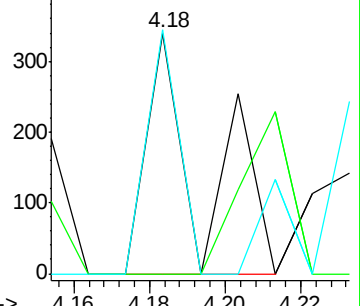
121 101.2 28.2 42.2#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#41

Methacrylonitrile

Concen: 6.816 ug/l

RT: 4.94 min Scan# 447

Delta R.T. -0.01 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Tgt Ion: 41 Resp: 437

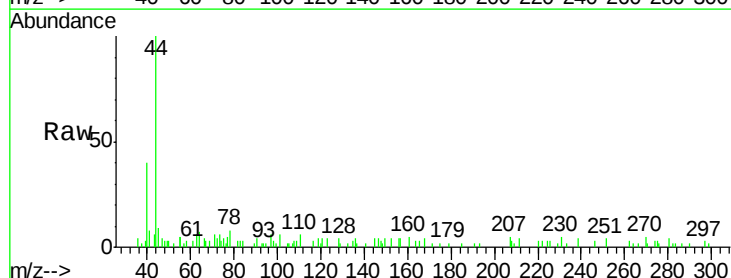
Ion Ratio Lower Upper

41 100

39 36.7 42.0 63.0#

67 38.5 61.4 92.0#

52 25.8 42.1 63.1#

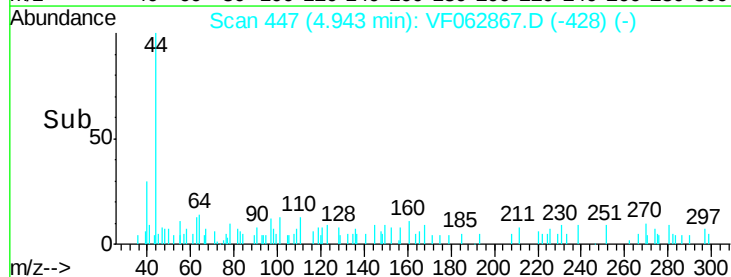
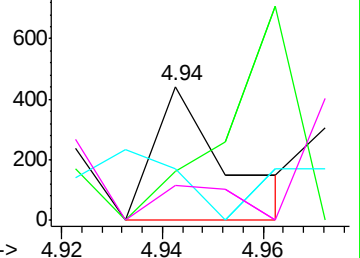


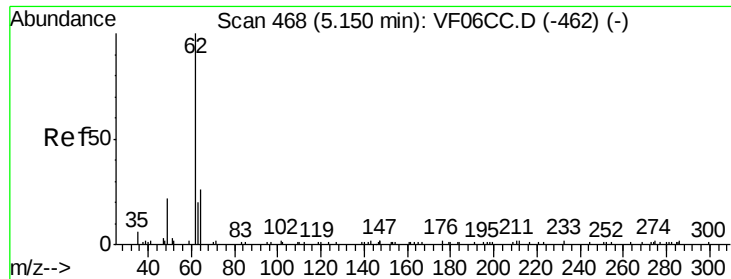
Abundance Ion 41.00 (40.70 to 41.70): VF0

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: 3.108 ug/l

RT: 5.16 min Scan# 469

Delta R.T. 0.01 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampleId :

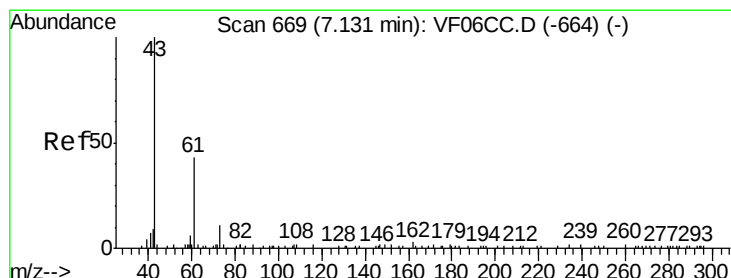
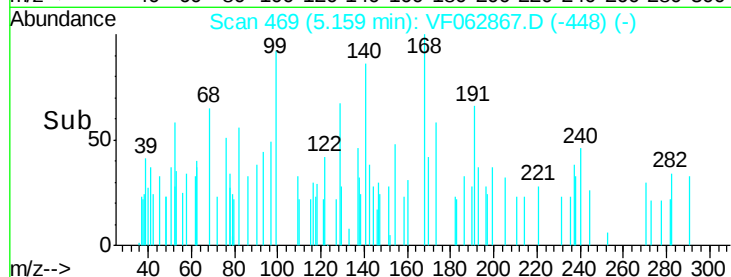
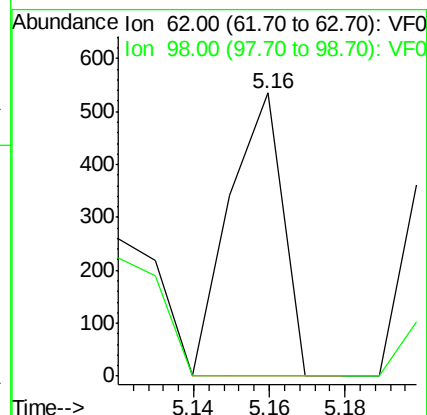
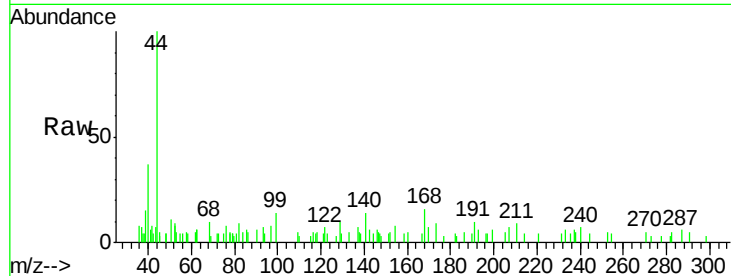
TP-4RE

Tot Ion: 62 Resp: 519

Ion Ratio Lower Upper

62 100

98 0.0 0.0 24.0



#43

Isopropyl Acetate

Concen: 8.657 ug/l

RT: 7.11 min Scan# 667

Delta R.T. -0.02 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

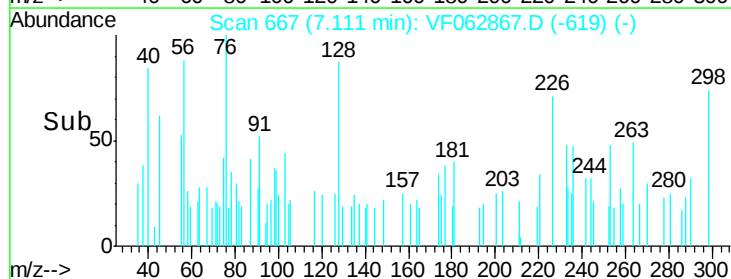
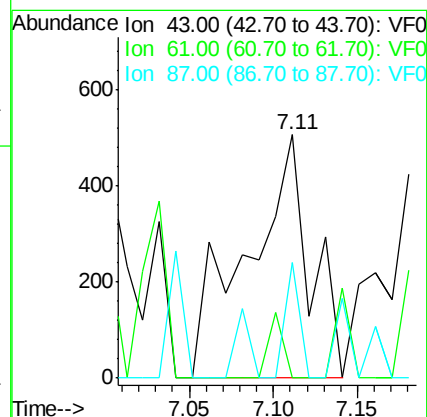
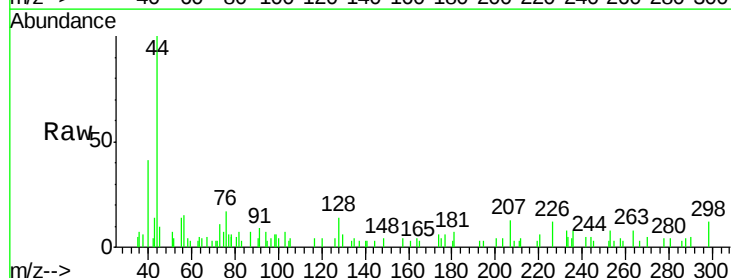
Tgt Ion: 43 Resp: 1319

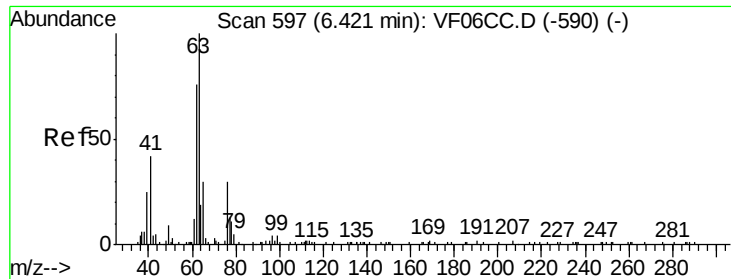
Ion Ratio Lower Upper

43 100

61 0.0 29.8 44.6#

87 47.3 0.3 0.5#





#45

1,2-Dichloropropane

Concen: 1.661 ug/l

RT: 6.44 min Scan# 599

Delta R.T. 0.01 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampled :

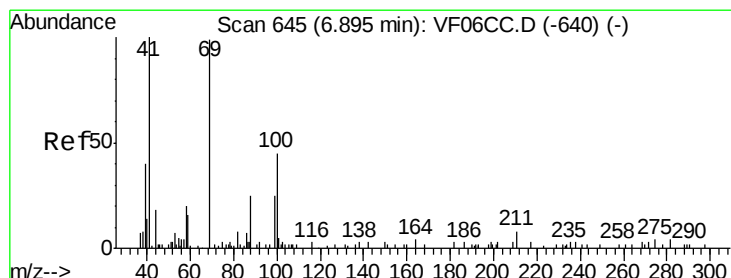
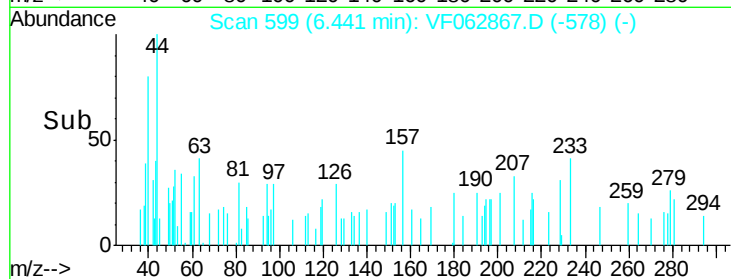
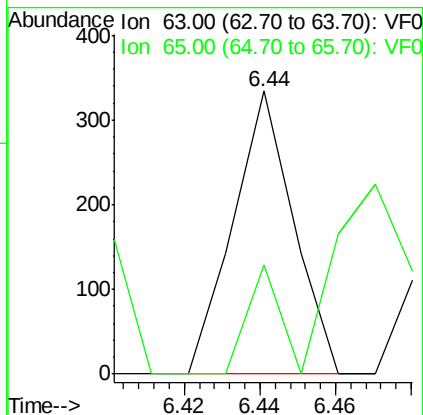
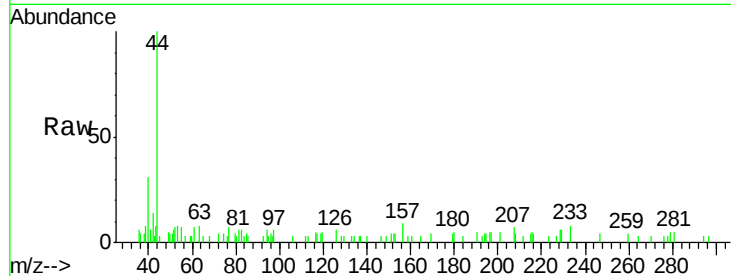
TP-4RE

Tot Ion: 63 Resp: 366

Ion Ratio Lower Upper

63 100

65 38.6 24.2 36.2#



#48

Methyl methacrylate

Concen: 8.559 ug/l

RT: 6.88 min Scan# 644

Delta R.T. -0.01 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

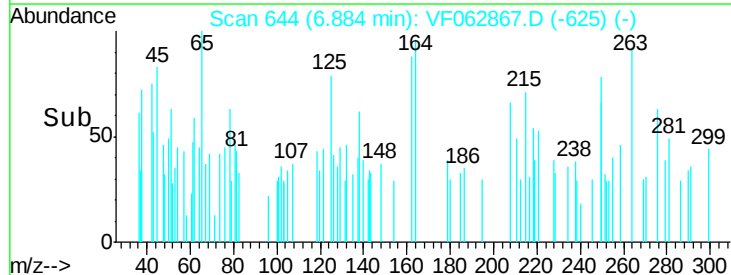
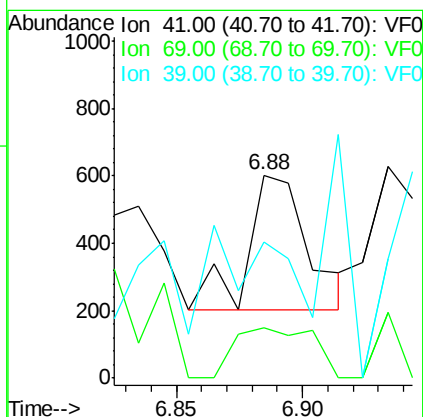
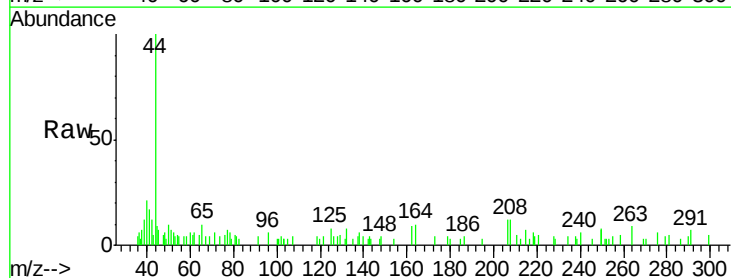
Tgt Ion: 41 Resp: 672

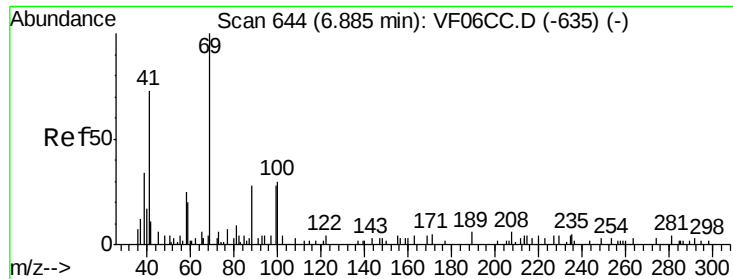
Ion Ratio Lower Upper

41 100

69 24.8 79.4 119.2#

39 67.3 39.8 59.6#





#49

1,4-Dioxane

Concen: 407.748 ug/l

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampled :

TP-4RE

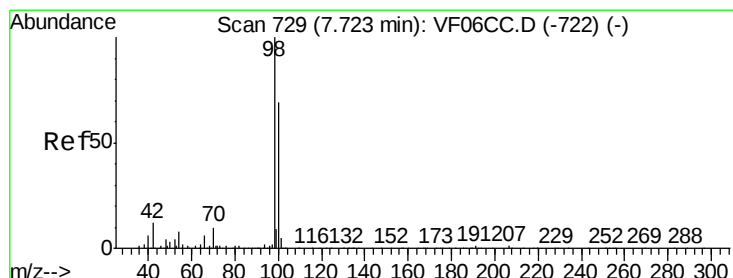
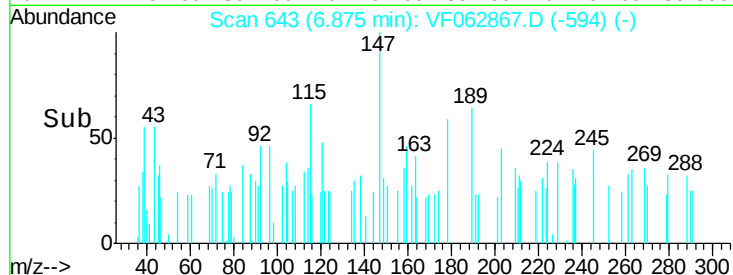
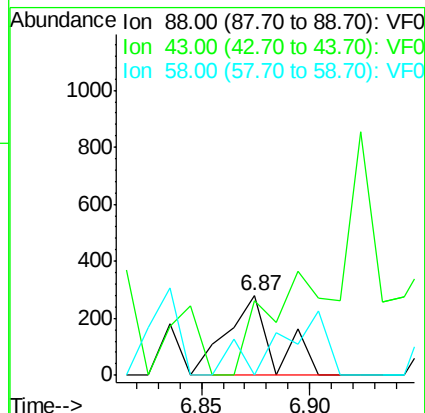
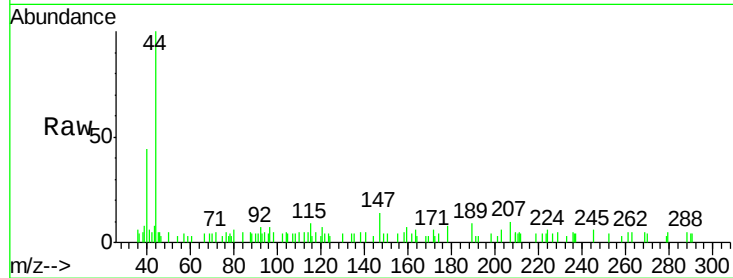
Tot Ion: 88 Resp: 422

Ion Ratio Lower Upper

88 100

43 93.9 34.8 52.2#

58 0.0 59.9 89.9#



#50

Toluene-d8

Concen: 31.845 ug/l

RT: 7.73 min Scan# 730

Delta R.T. -0.00 min

Lab File: VF062867.D

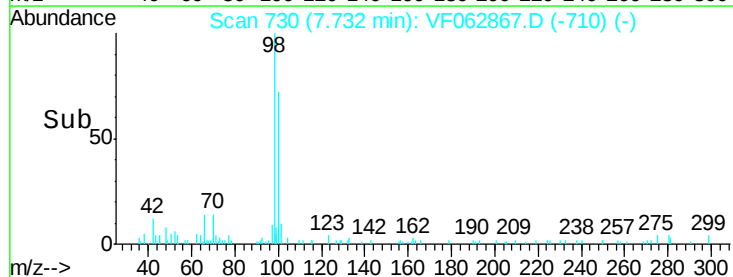
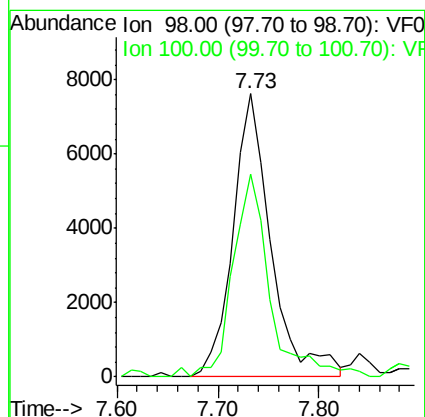
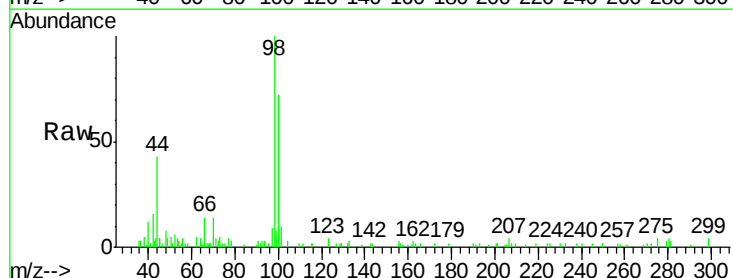
Acq: 5 Jun 2019 16:06

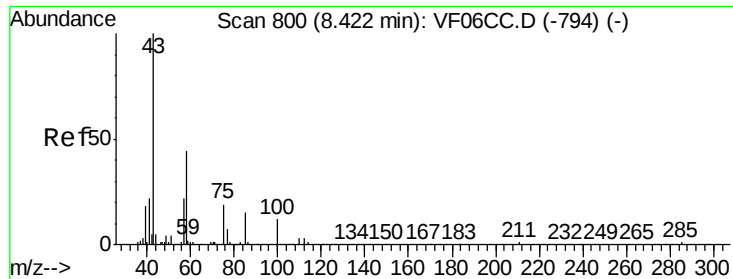
Tgt Ion: 98 Resp: 19943

Ion Ratio Lower Upper

98 100

100 71.8 59.8 89.8





#51

4-Methyl-2-Pentanone

Concen: 10.177 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.01 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampleId :

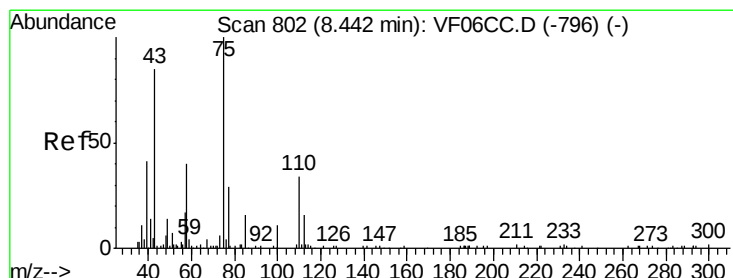
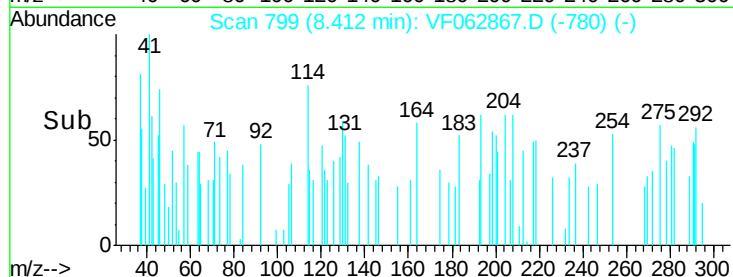
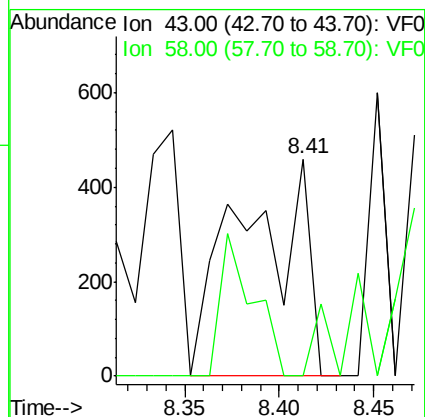
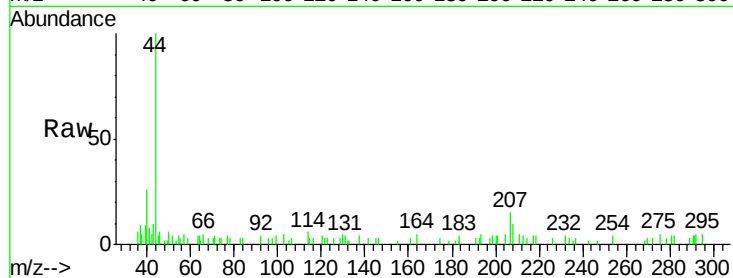
TP-4RE

Tot Ion: 43 Resp: 1107

Ion Ratio Lower Upper

43 100

58 0.0 35.5 53.3#



#53

t-1,3-Dichloropropene

Concen: 2.008 ug/l

RT: 8.42 min Scan# 800

Delta R.T. -0.02 min

Lab File: VF062867.D

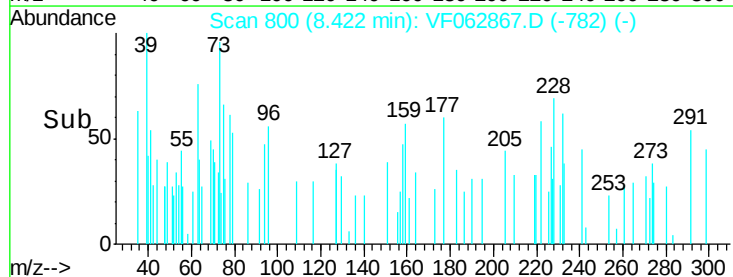
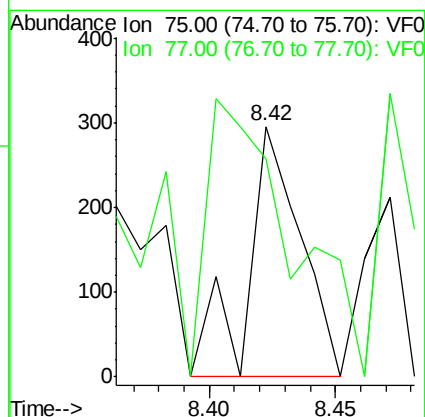
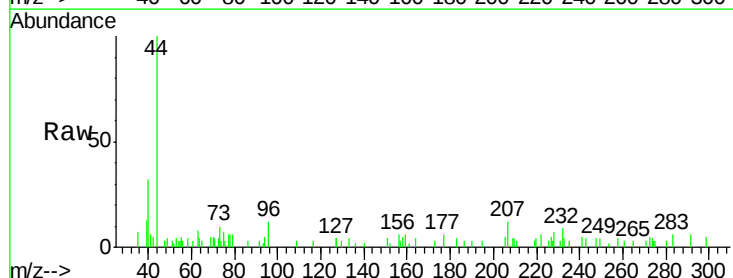
Acq: 5 Jun 2019 16:06

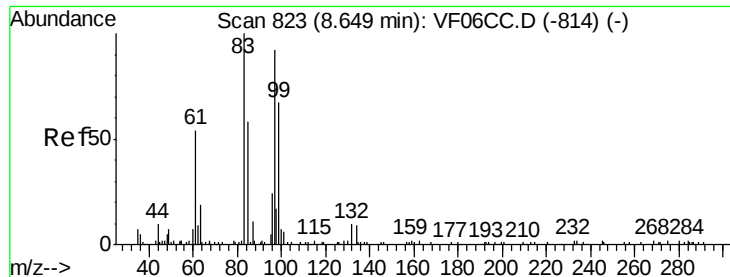
Tgt Ion: 75 Resp: 436

Ion Ratio Lower Upper

75 100

77 86.8 25.7 38.5#





#55

1,1,2-Trichloroethane

Concen: 2.682 ug/l

RT: 8.62 min Scan# 820

Delta R.T. -0.03 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampleId :

TP-4RE

Tot Ion: 97 Resp: 379

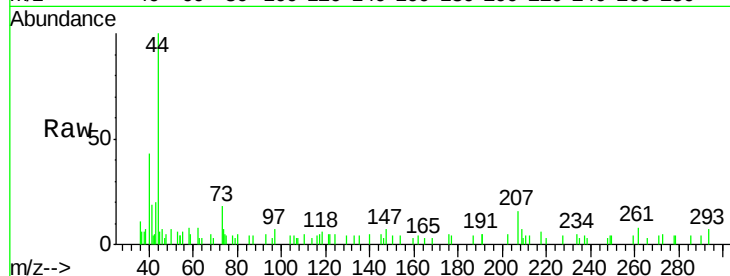
Ion Ratio Lower Upper

97 100

83 0.0 72.0 108.0#

85 55.6 47.5 71.3

99 0.0 54.1 81.1#

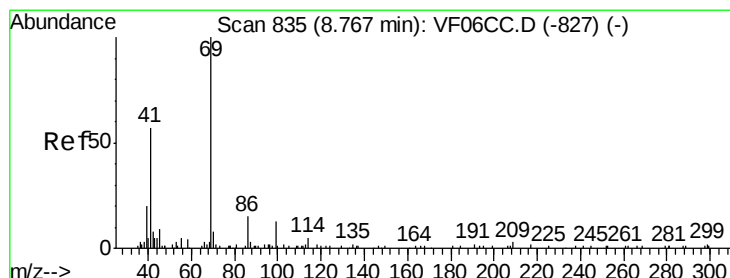
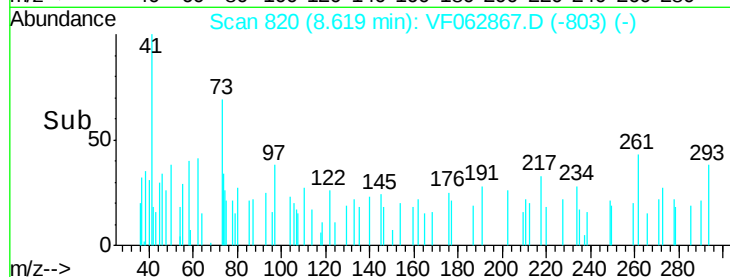
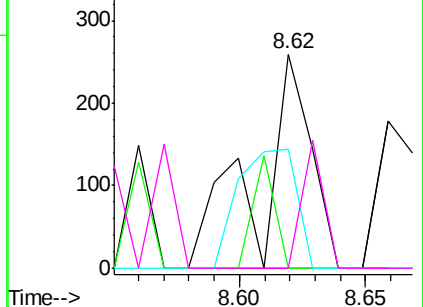


Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 1.286 ug/l

RT: 8.78 min Scan# 836

Delta R.T. -0.00 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

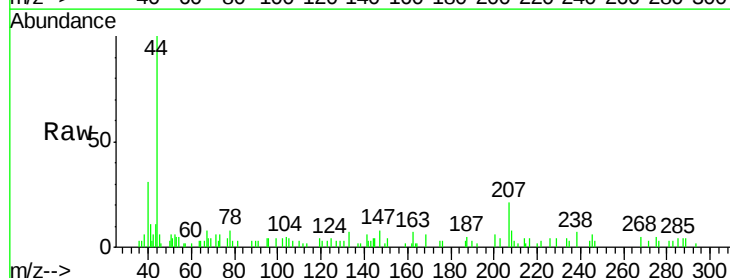
Tgt Ion: 69 Resp: 195

Ion Ratio Lower Upper

69 100

41 348.1 46.6 69.8#

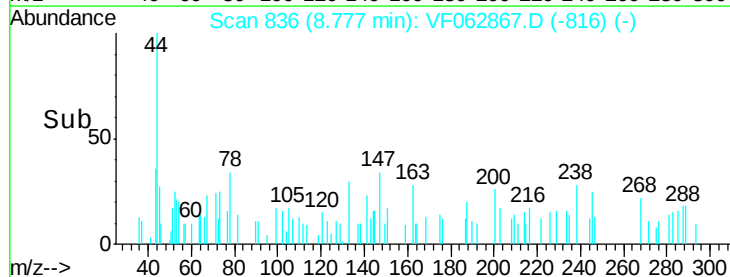
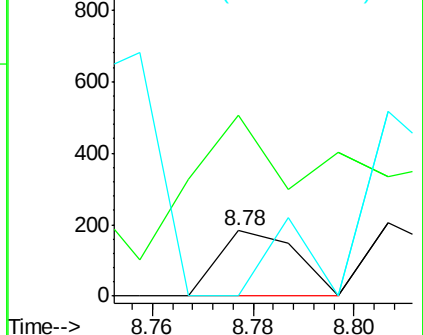
39 0.0 19.6 29.4#

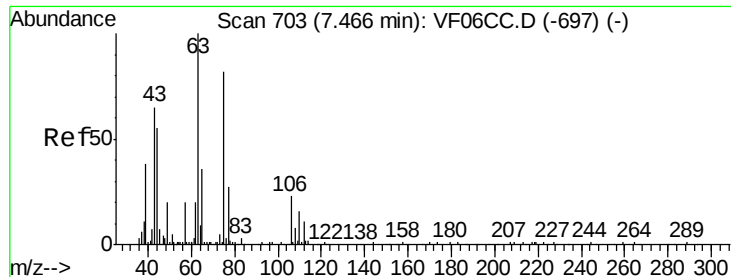


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

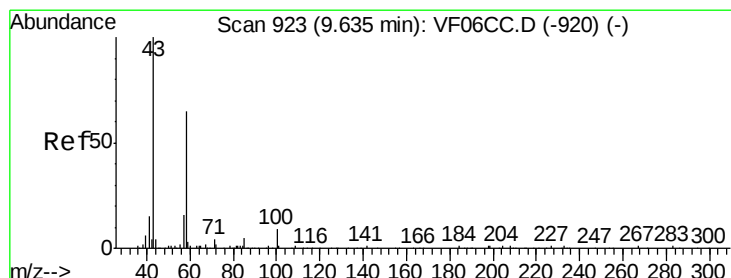
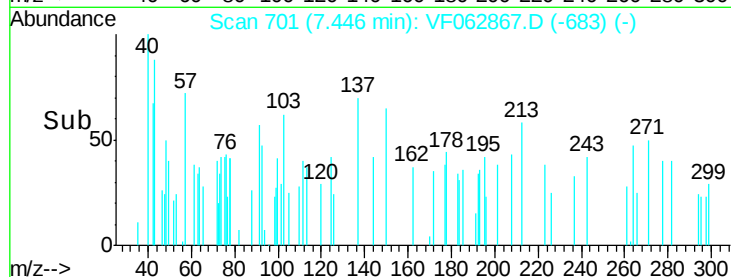
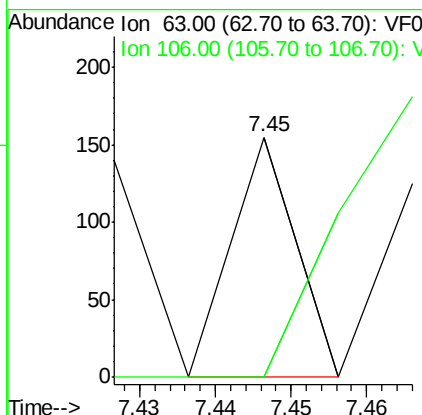
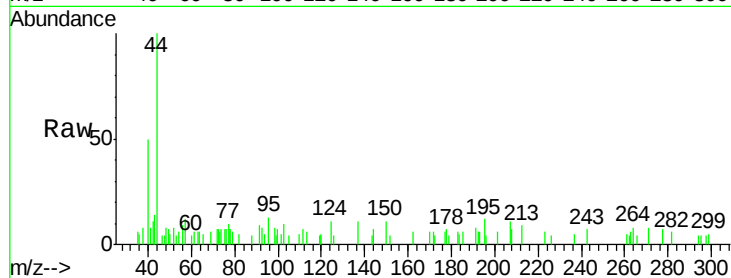




#58
2-Chloroethyl Vinyl ether
Concen: 1.736 ug/l
RT: 7.45 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

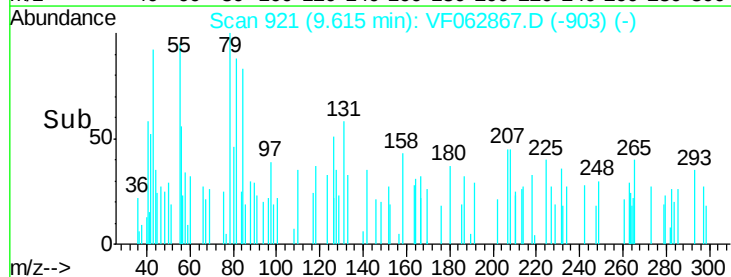
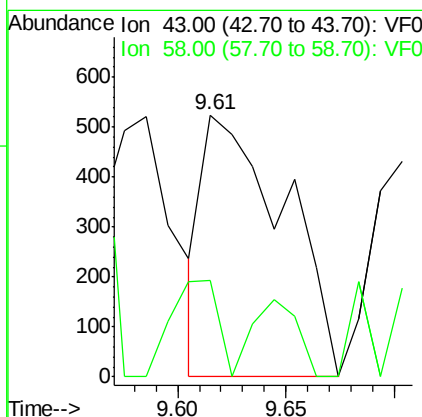
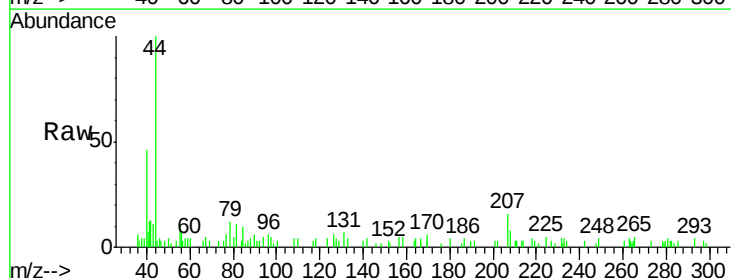
Instrument :
MSVOA_F
ClientSampled :
TP-4RE

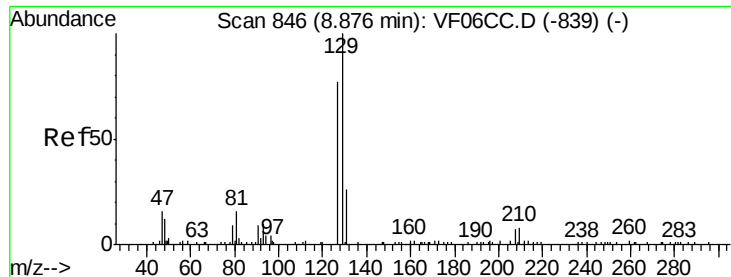
Tot Ion: 63 Resp: 92
Ion Ratio Lower Upper
63 100
106 0.0 19.5 29.3#



#59
2-Hexanone
Concen: 17.864 ug/l
RT: 9.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 43 Resp: 1385
Ion Ratio Lower Upper
43 100
58 36.8 29.3 87.9





#60

Dibromochloromethane

Concen: 1.343 ug/l

RT: 8.74 min Scan# 832

Delta R.T. -0.14 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampleId :

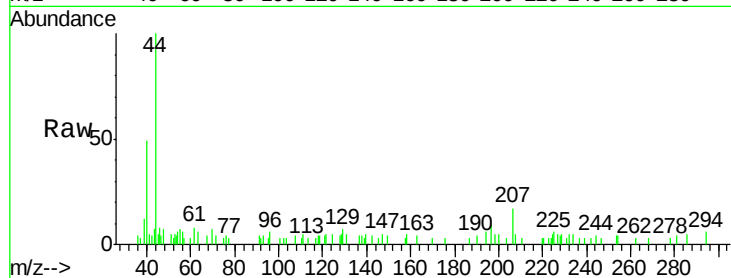
TP-4RE

Tot Ion:129 Resp: 235

Ion Ratio Lower Upper

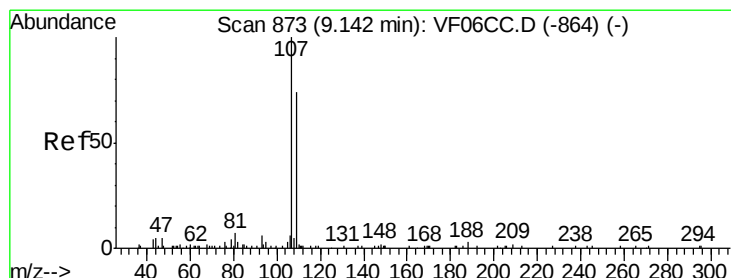
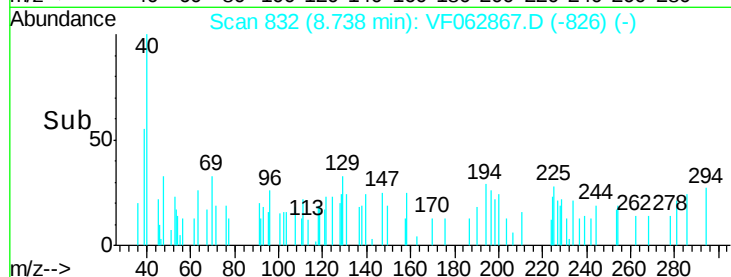
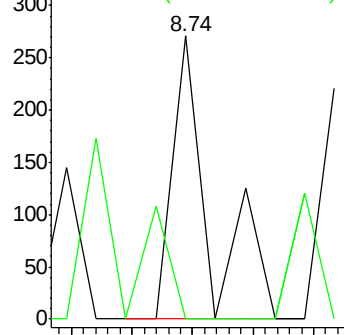
129 100

127 61.3 37.1 111.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#61

1,2-Dibromoethane

Concen: 1.159 ug/l

RT: 8.99 min Scan# 858

Delta R.T. -0.16 min

Lab File: VF062867.D

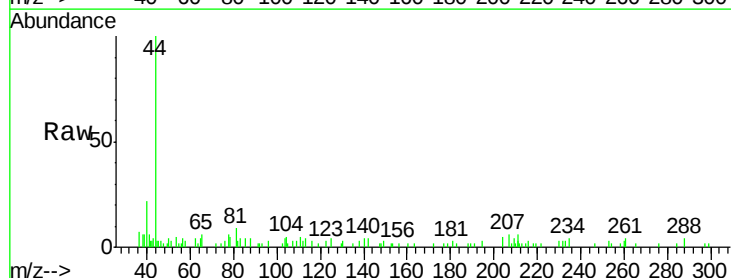
Acq: 5 Jun 2019 16:06

Tgt Ion:107 Resp: 170

Ion Ratio Lower Upper

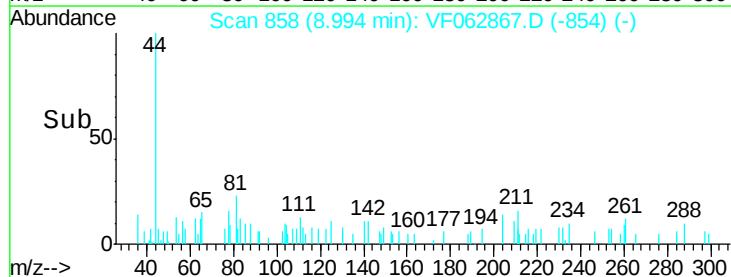
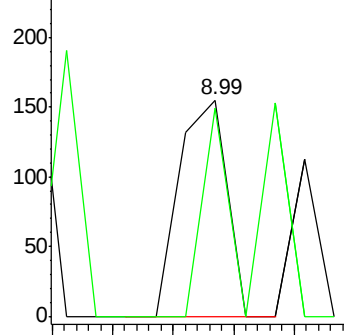
107 100

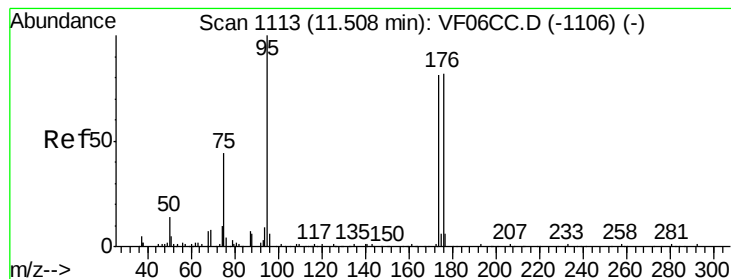
109 96.1 78.1 117.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#62

4-Bromofluorobenzene

Concen: 3.489 ug/l

RT: 11.52 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampleId :

TP-4RE

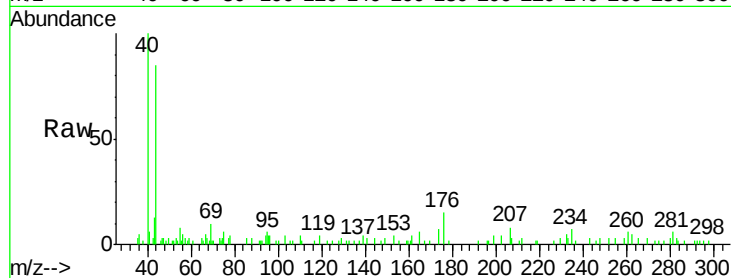
Tot Ion: 95 Resp: 786

Ion Ratio Lower Upper

95 100

174 76.8 0.0 170.6

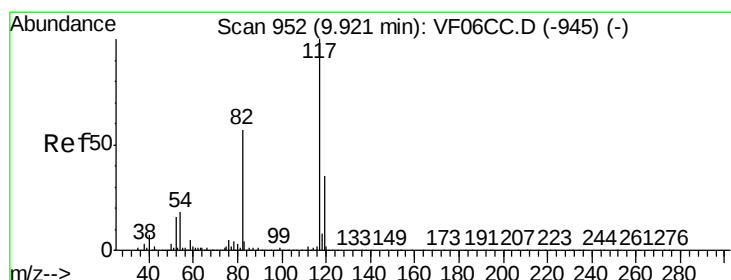
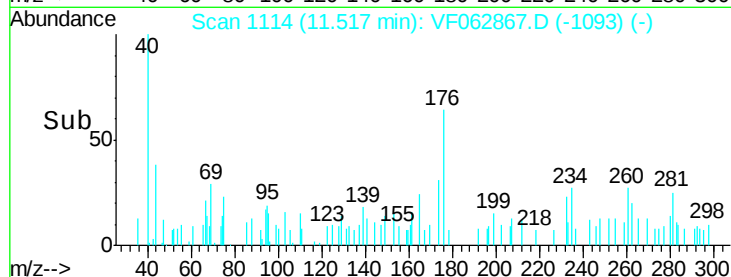
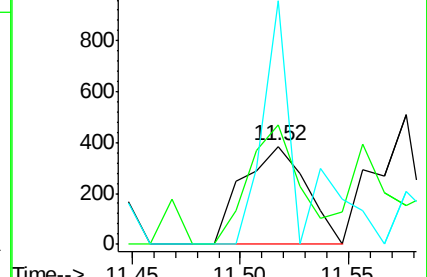
176 156.6 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. -0.00 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

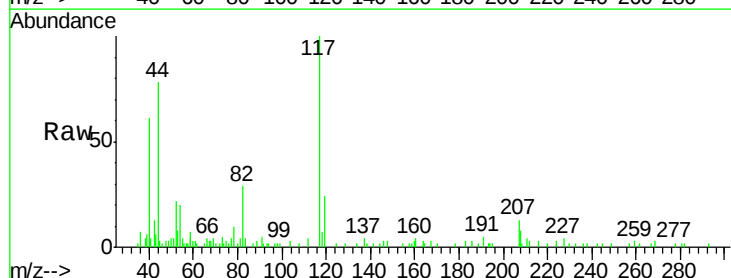
Tgt Ion: 117 Resp: 15021

Ion Ratio Lower Upper

117 100

82 28.5 42.4 63.6#

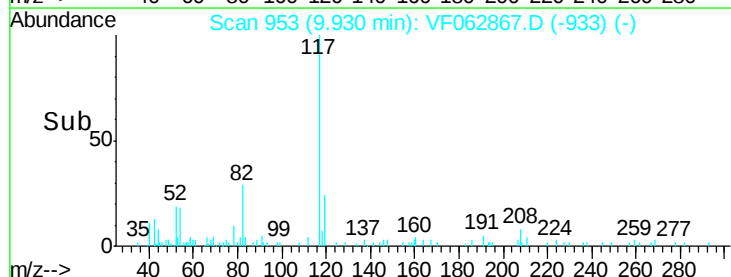
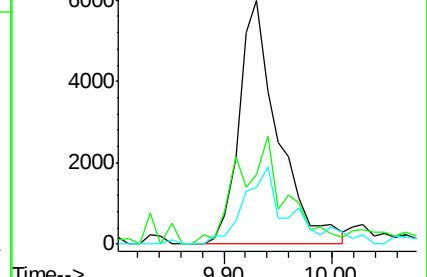
119 23.5 27.1 40.7#

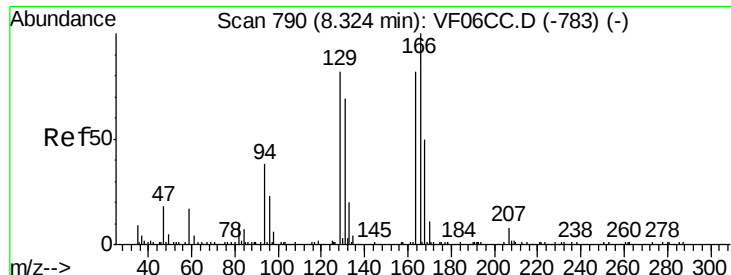


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0

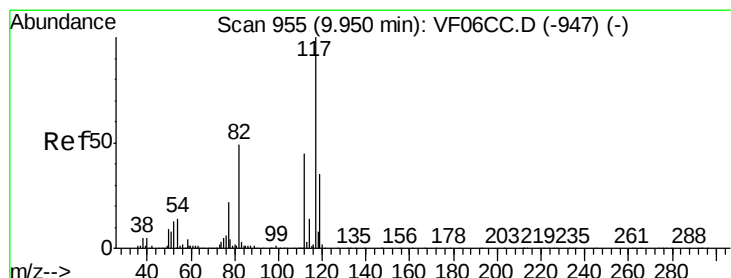
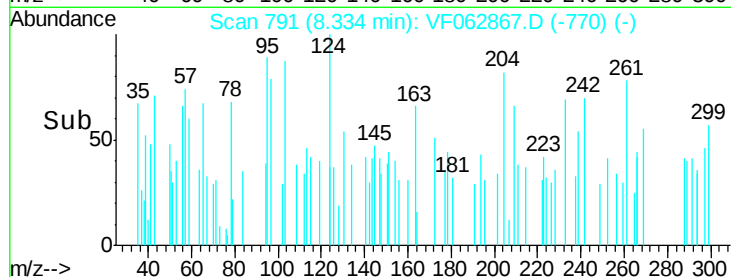
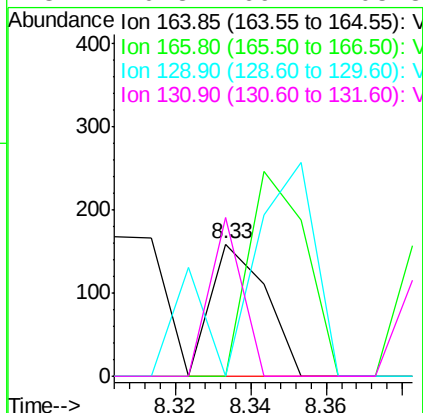
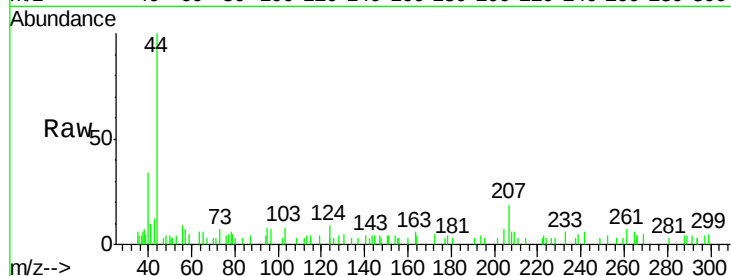




#64
Tetrachloroethene
Concen: 1.377 ug/l
RT: 8.33 min Scan# 791
Delta R.T. 0.01 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

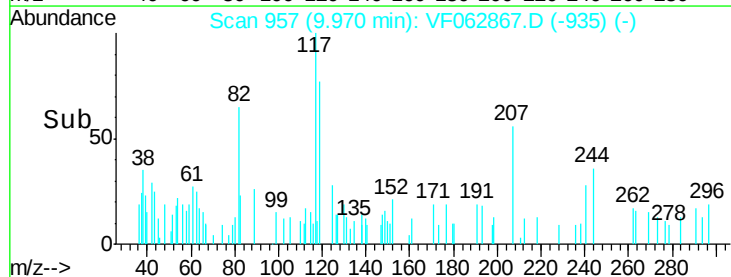
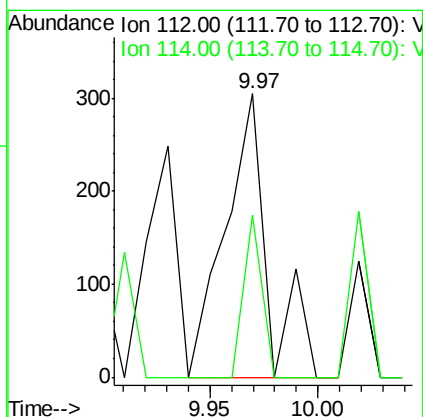
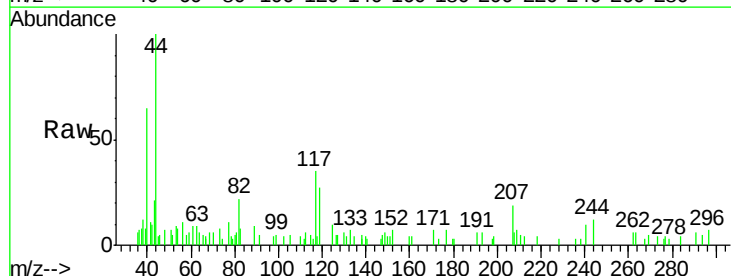
Instrument :
MSVOA_F
ClientSampled :
TP-4RE

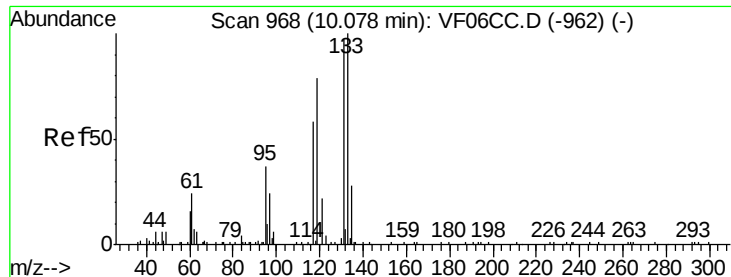
Tot Ion	Ratio	Lower	Upper
164	100		
166	0.0	99.1	148.7#
129	0.0	69.5	104.3#
131	120.3	69.2	103.8#



#65
Chlorobenzene
Concen: 1.448 ug/l
RT: 9.97 min Scan# 957
Delta R.T. 0.02 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion	Ratio	Lower	Upper
112	100		
114	57.0	27.4	41.0#





#66

1,1,1,2-Tetrachloroethane

Concen: 4.475 ug/l

RT: 10.10 min Scan# 970

Delta R.T. 0.02 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampleId :

TP-4RE

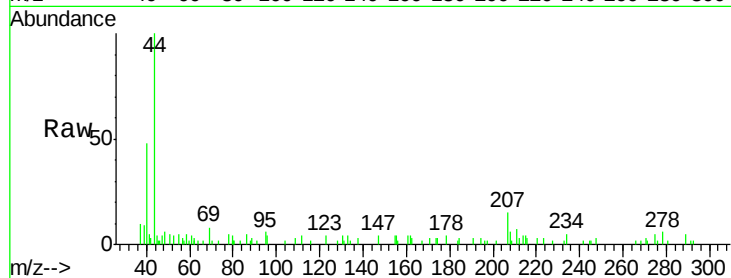
Tot Ion:131 Resp: 517

Ion Ratio Lower Upper

131 100

133 53.8 48.9 146.7

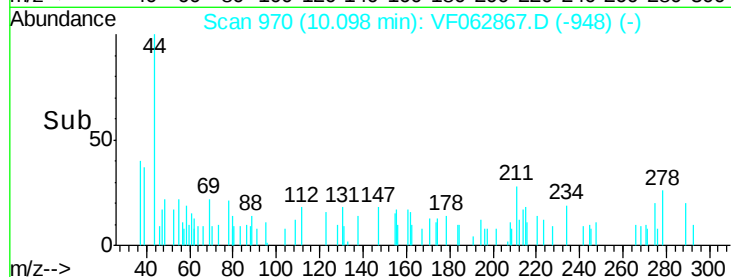
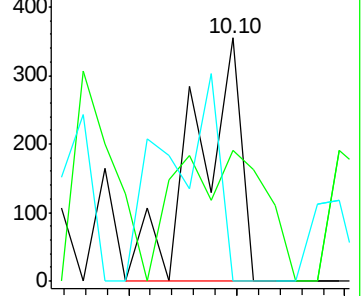
119 0.0 38.0 114.0#



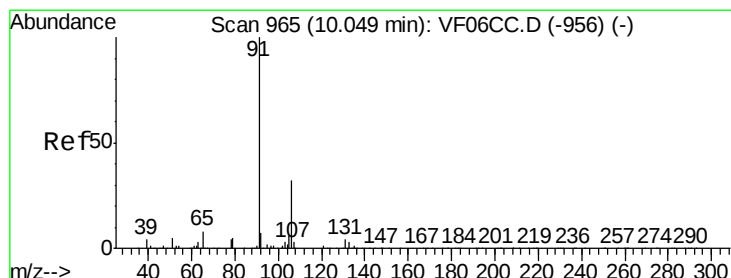
Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



Time-->



#67

Ethyl Benzene

Concen: 1.402 ug/l

RT: 10.02 min Scan# 962

Delta R.T. -0.03 min

Lab File: VF062867.D

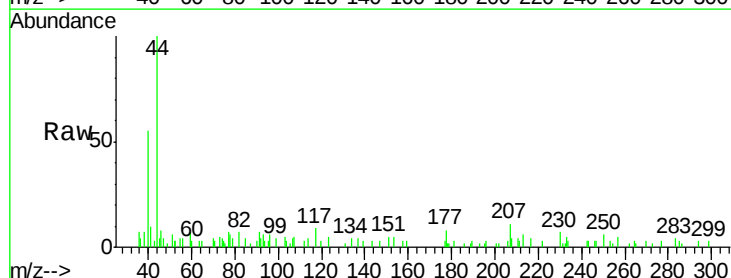
Acq: 5 Jun 2019 16:06

Tgt Ion: 91 Resp: 698

Ion Ratio Lower Upper

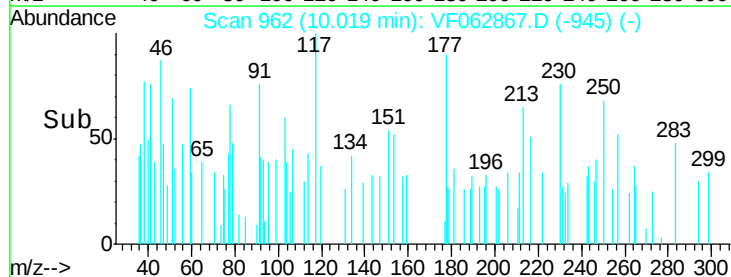
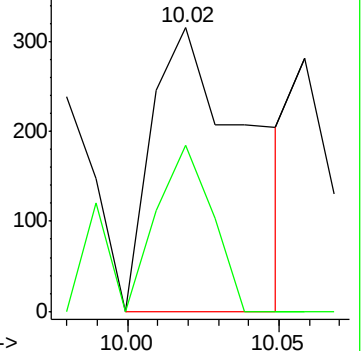
91 100

106 58.4 26.0 39.0#

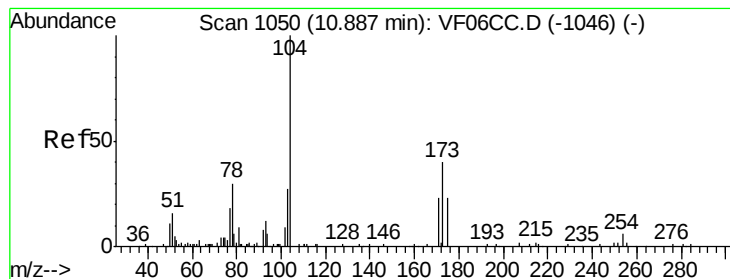


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



Time-->



#71

Bromoform

Concen: 1.137 ug/l

RT: 10.96 min Scan# 1057

Delta R.T. 0.06 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampled :

TP-4RE

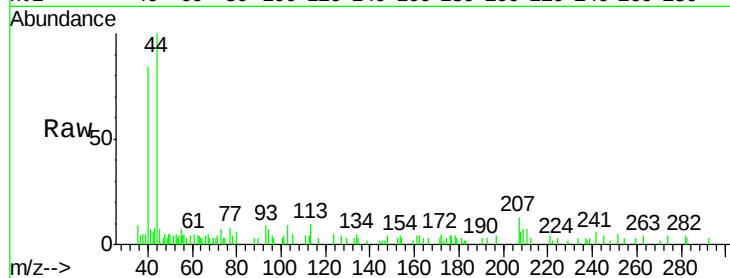
Tot Ion:173 Resp: 63

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

254 133.6 0.1 0.1#

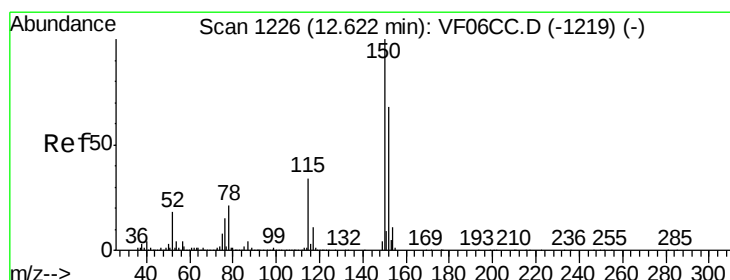
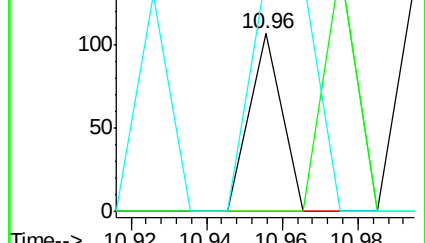
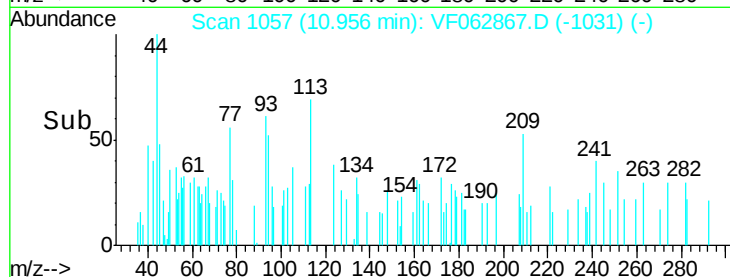


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.00 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

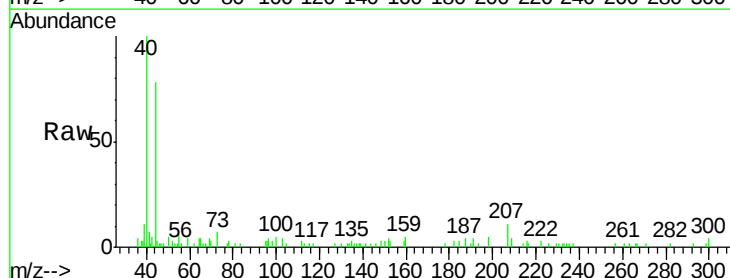
Tgt Ion:152 Resp: 449

Ion Ratio Lower Upper

152 100

115 25.9 24.6 74.0

150 48.9 0.0 290.6

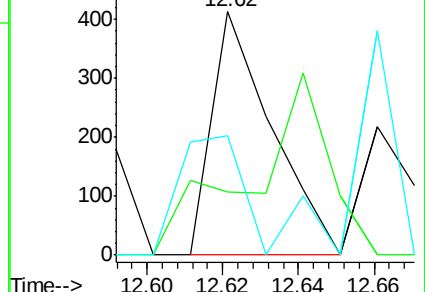
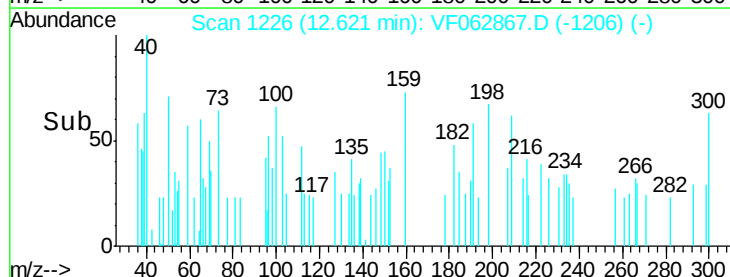


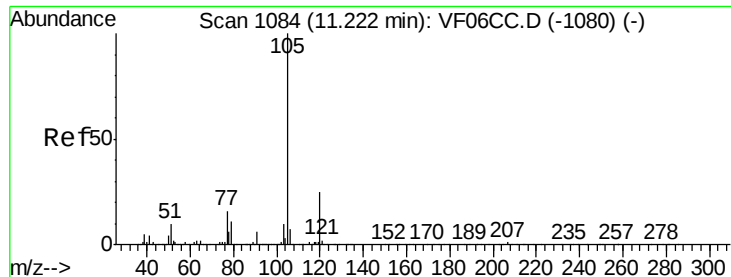
Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

Time-->





#73

Isopropylbenzene

Concen: 8.586 ug/l

RT: 11.19 min Scan# 1081

Delta R.T. -0.04 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampleId :

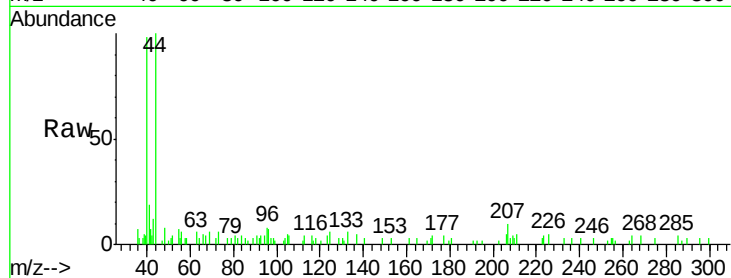
TP-4RE

Tot Ion:105 Resp: 269

Ion Ratio Lower Upper

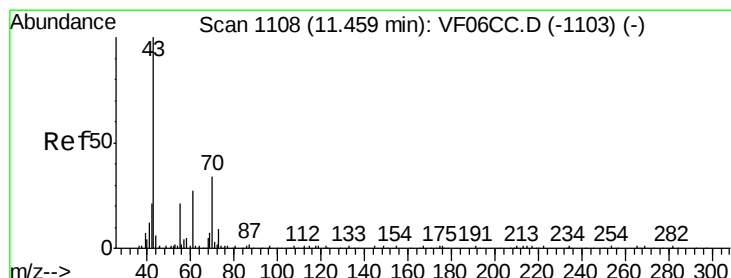
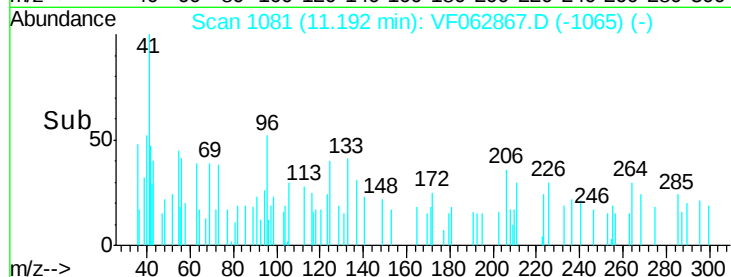
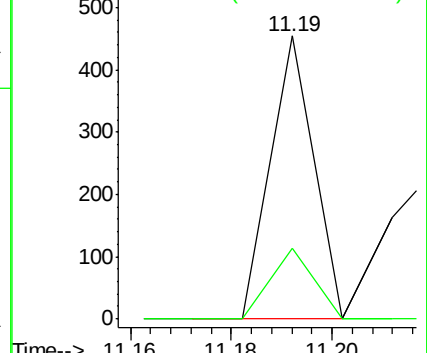
105 100

120 25.1 15.1 45.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 121.971 ug/l

RT: 11.49 min Scan# 1111

Delta R.T. 0.03 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Tgt Ion: 43 Resp: 1077

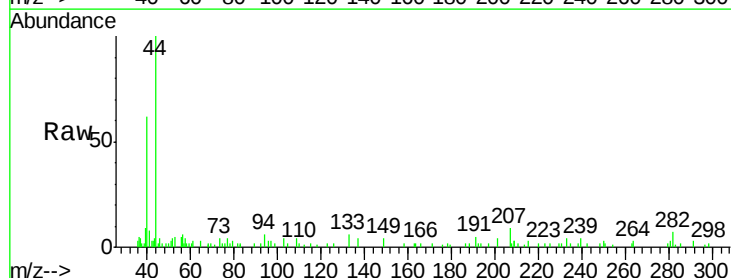
Ion Ratio Lower Upper

43 100

70 0.0 32.9 49.3#

55 74.1 17.3 25.9#

61 49.8 23.7 35.5#

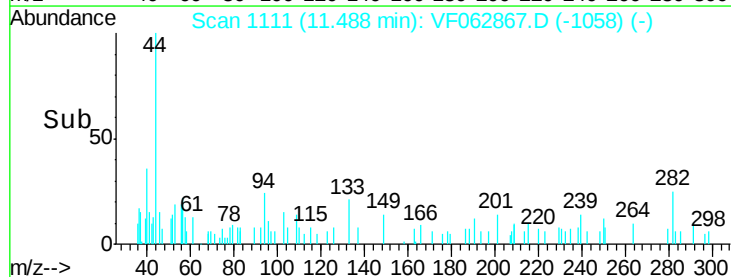
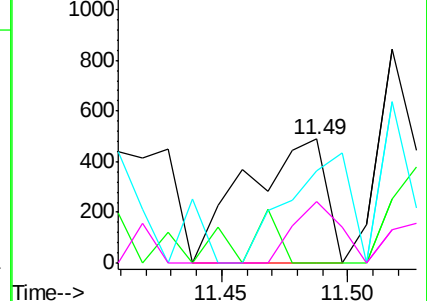


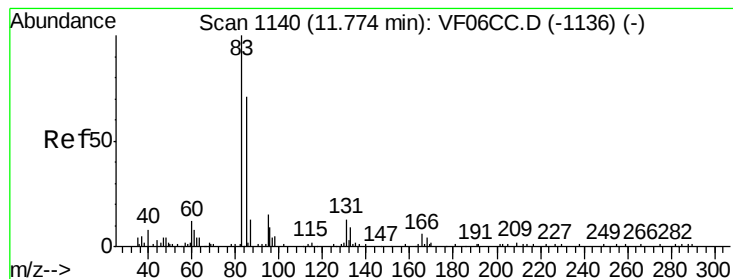
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.242 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. -0.01 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampleId :

TP-4RE

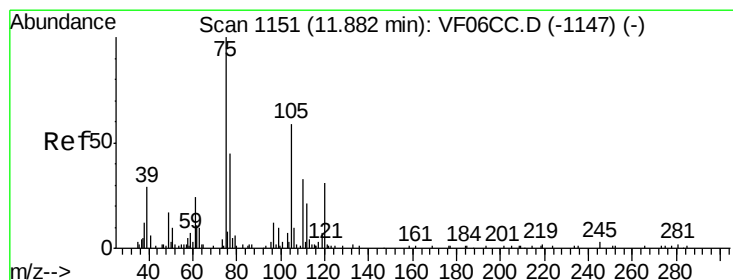
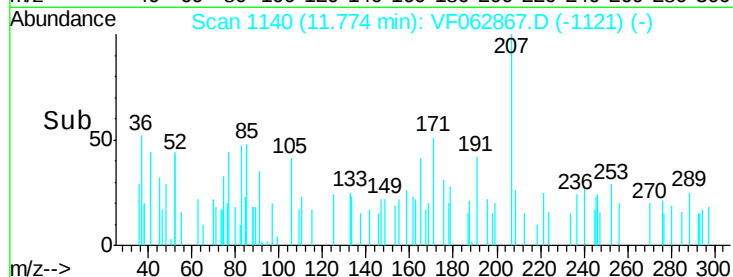
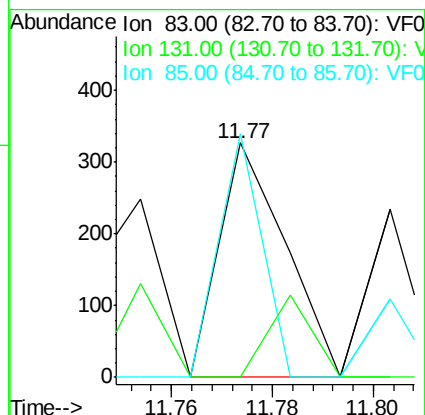
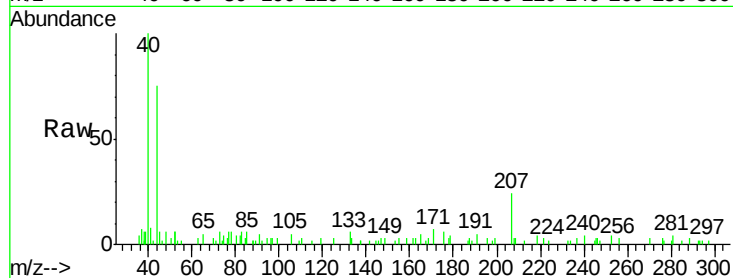
Tot Ion: 83 Resp: 296

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 103.7 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 60.882 ug/l

RT: 11.75 min Scan# 1138

Delta R.T. -0.13 min

Lab File: VF062867.D

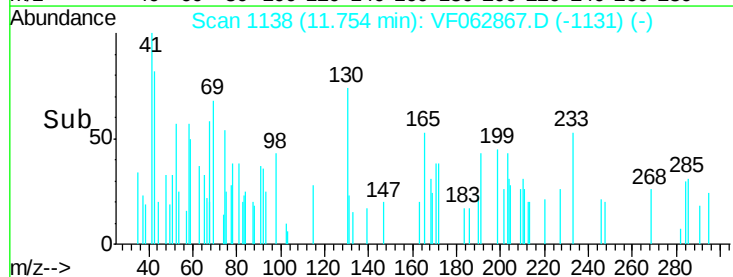
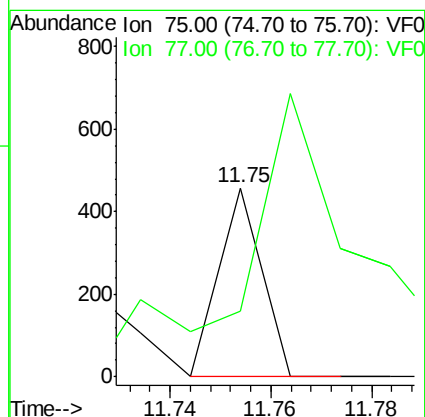
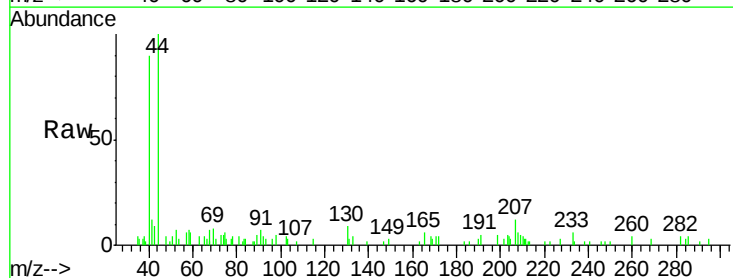
Acq: 5 Jun 2019 16:06

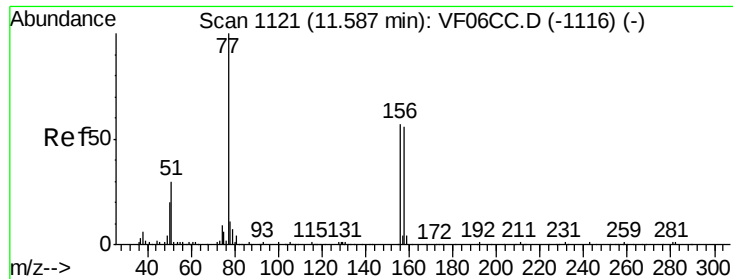
Tgt Ion: 75 Resp: 270

Ion Ratio Lower Upper

75 100

77 34.8 20.1 60.2





#77

Bromobenzene

Concen: 12.195 ug/l

RT: 11.54 min Scan# 1116

Delta R.T. -0.06 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampleId :

TP-4RE

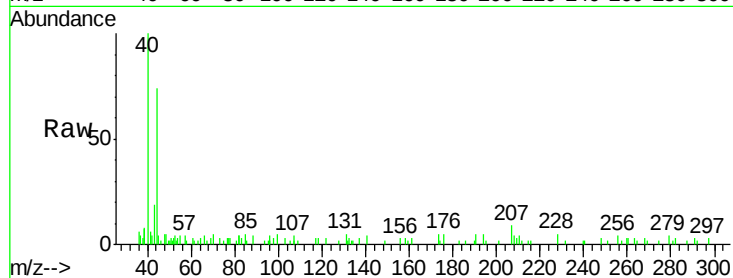
Tot Ion:156 Resp: 96

Ion Ratio Lower Upper

156 100

77 109.2 64.2 192.6

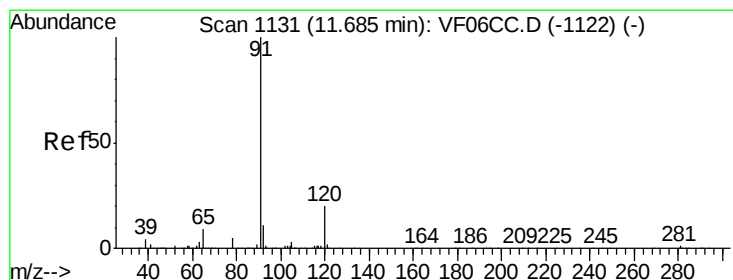
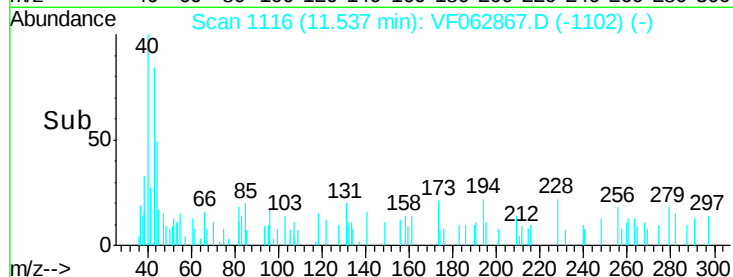
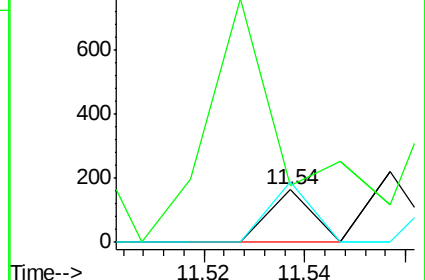
158 116.6 50.3 151.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 8.539 ug/l

RT: 11.71 min Scan# 1134

Delta R.T. 0.03 min

Lab File: VF062867.D

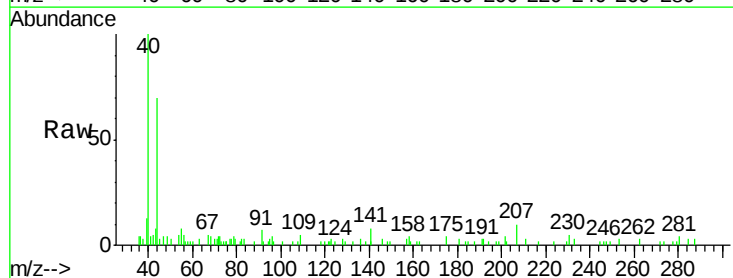
Acq: 5 Jun 2019 16:06

Tgt Ion: 91 Resp: 323

Ion Ratio Lower Upper

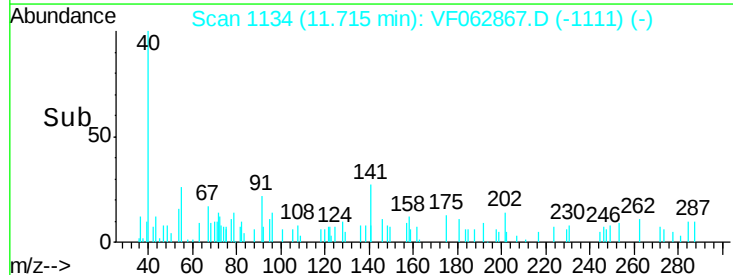
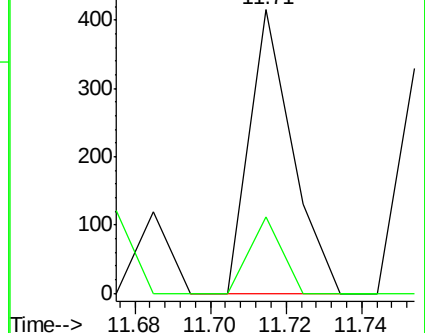
91 100

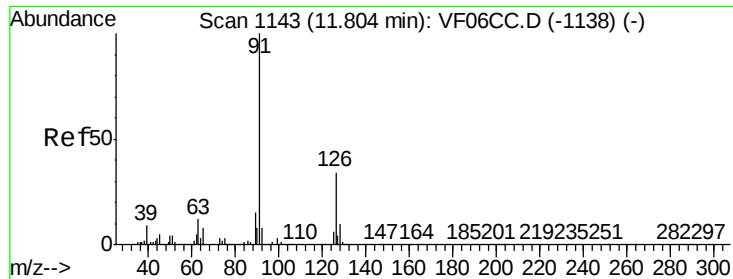
120 27.0 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

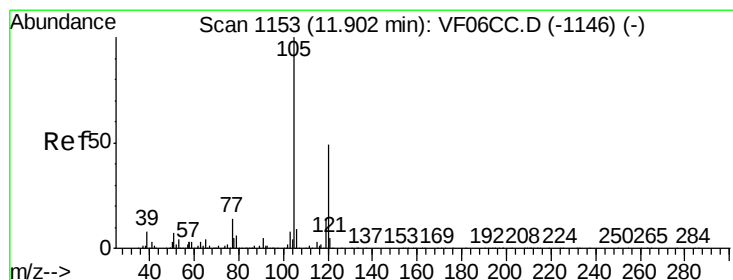
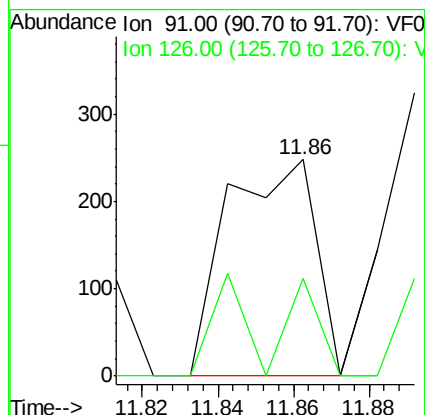
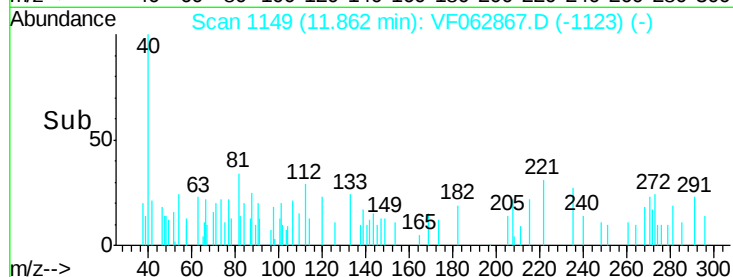
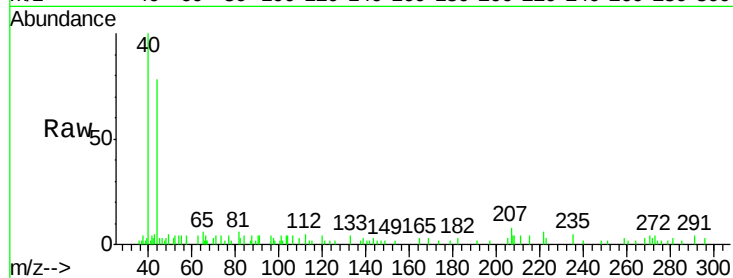




#79
2-Chlorotoluene
Concen: 18.341 ug/l
RT: 11.86 min Scan# 1149
Delta R.T. 0.06 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

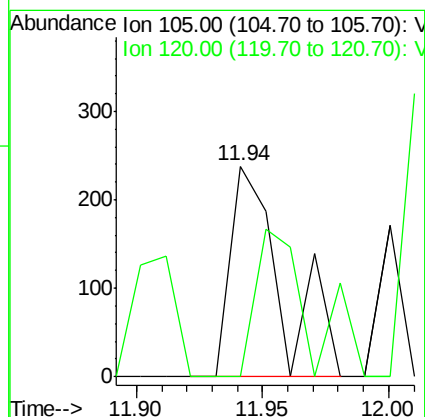
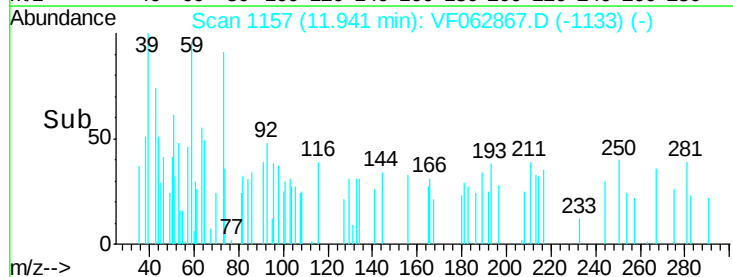
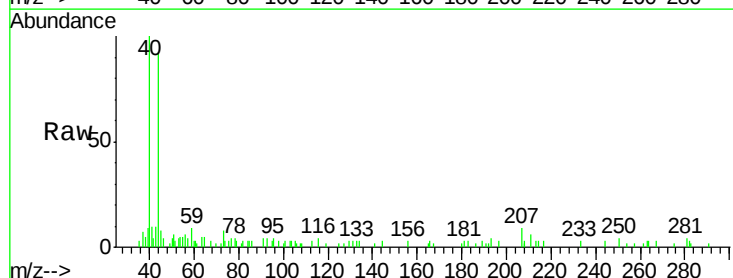
Instrument :
MSVOA_F
ClientSampleId :
TP-4RE

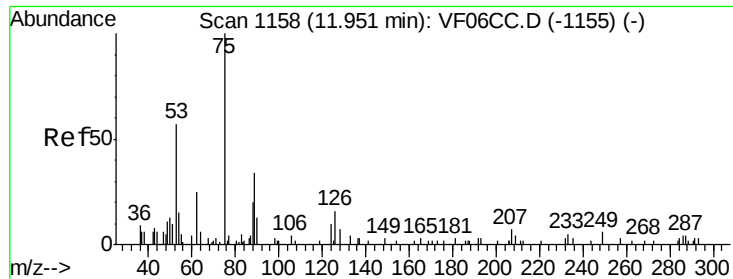
Tot Ion: 91 Resp: 397
Ion Ratio Lower Upper
91 100
126 45.2 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 13.036 ug/l
RT: 11.94 min Scan# 1157
Delta R.T. 0.04 min
Lab File: VF062867.D
Acq: 5 Jun 2019 16:06

Tgt Ion: 105 Resp: 334
Ion Ratio Lower Upper
105 100
120 0.0 28.7 86.1#





#81

trans-1,4-Dichloro-2-butene

Concen: 132.086 ug/l

RT: 11.93 min Scan# 1156

Delta R.T. -0.02 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampled :

TP-4RE

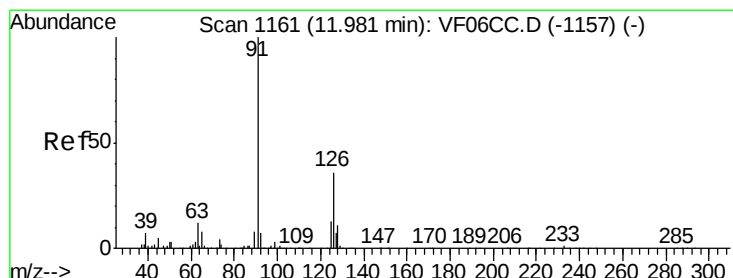
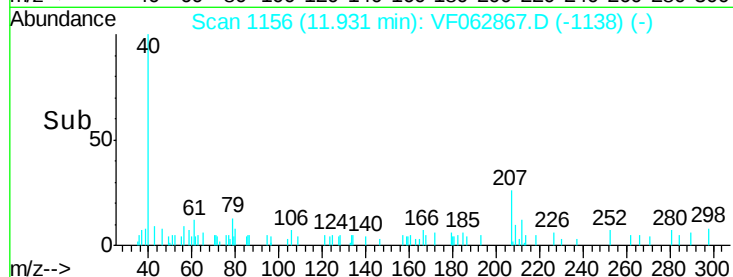
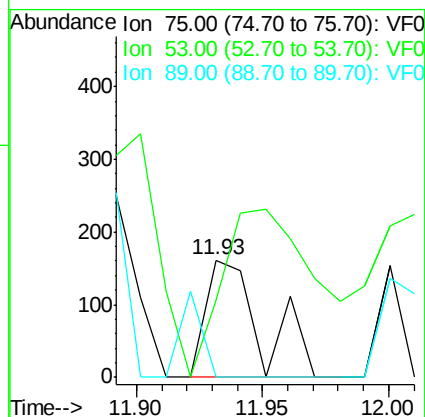
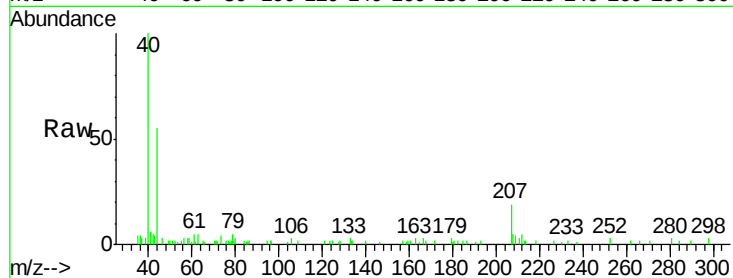
Tot Ion: 75 Resp: 248

Ion Ratio Lower Upper

75 100

53 66.5 43.5 65.3#

89 0.0 34.3 51.5#



#82

4-Chlorotoluene

Concen: 9.120 ug/l

RT: 11.92 min Scan# 1155

Delta R.T. -0.06 min

Lab File: VF062867.D

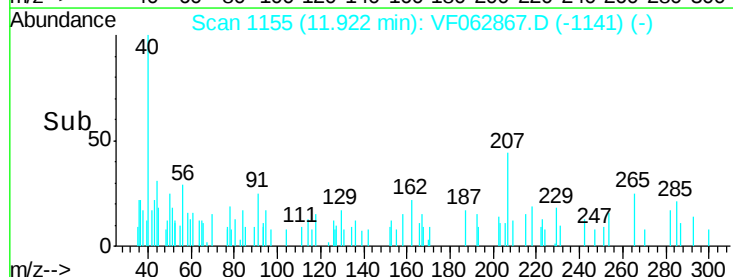
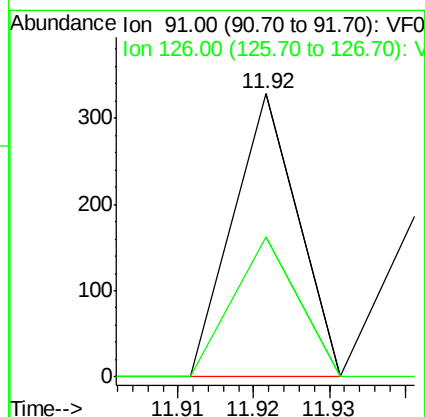
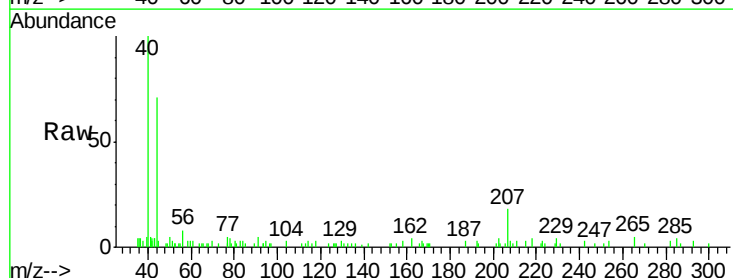
Acq: 5 Jun 2019 16:06

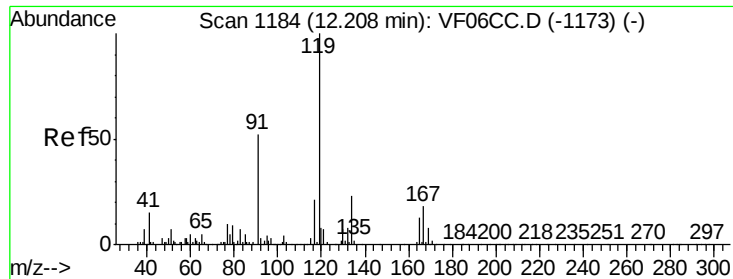
Tgt Ion: 91 Resp: 194

Ion Ratio Lower Upper

91 100

126 49.7 19.1 57.1





#83

tert-Butylbenzene

Concen: 5.633 ug/l

RT: 12.22 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampleId :

TP-4RE

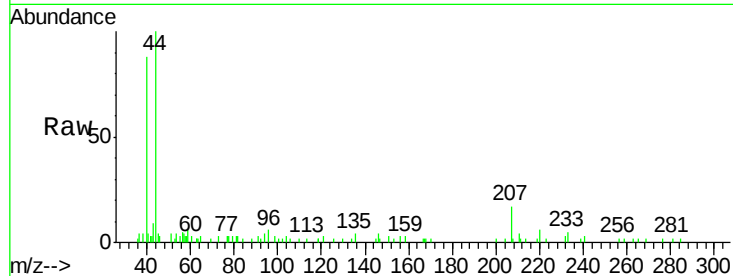
Tot Ion:119 Resp: 143

Ion Ratio Lower Upper

119 100

91 118.5 28.9 86.7#

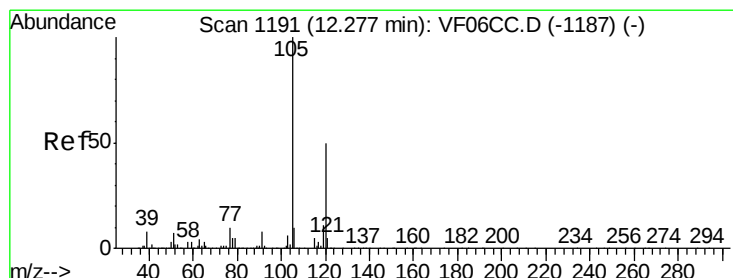
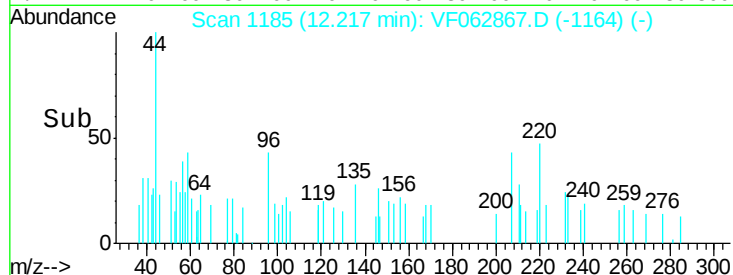
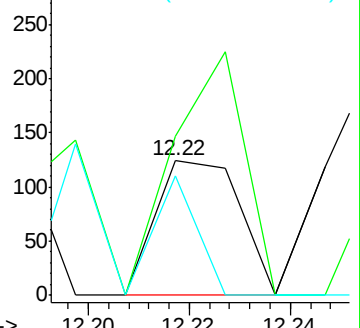
134 88.7 14.3 42.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.475 ug/l

RT: 12.26 min Scan# 1189

Delta R.T. -0.02 min

Lab File: VF062867.D

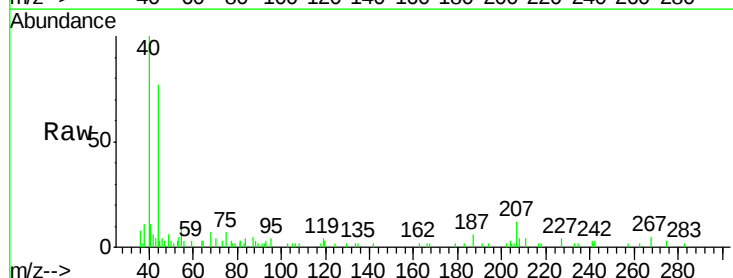
Acq: 5 Jun 2019 16:06

Tgt Ion:105 Resp: 133

Ion Ratio Lower Upper

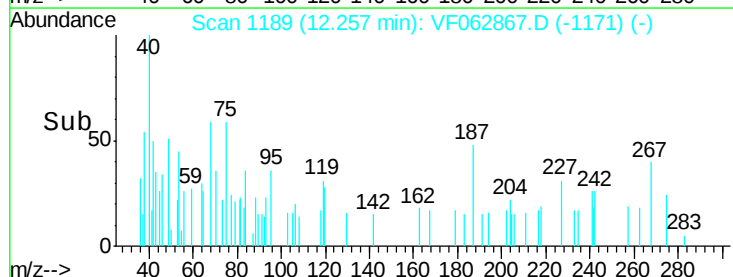
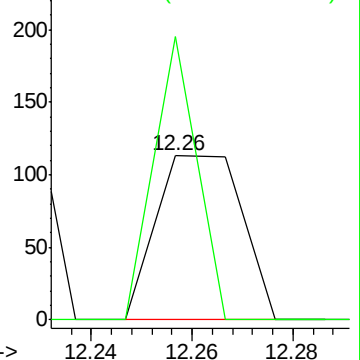
105 100

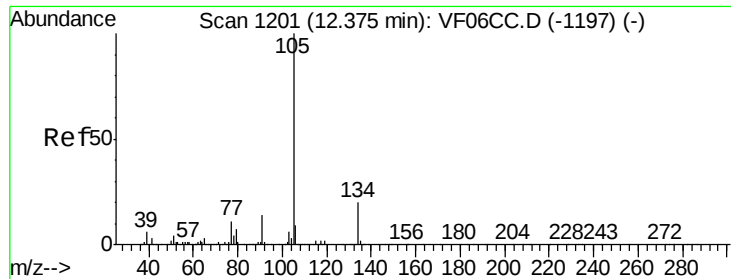
120 172.6 27.1 81.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 2.391 ug/l

RT: 12.36 min Scan# 1199

Delta R.T. -0.02 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampled :

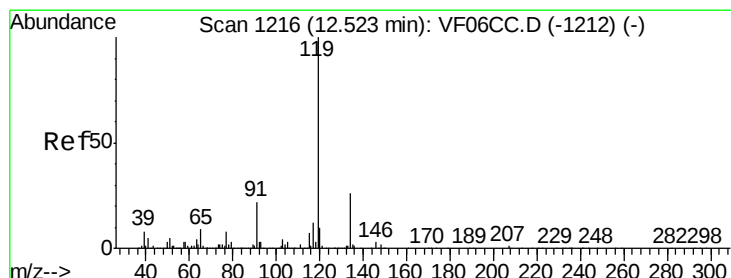
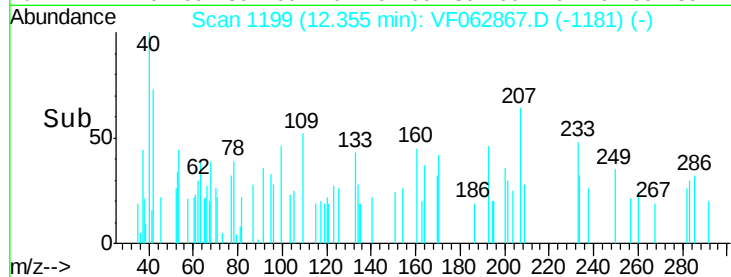
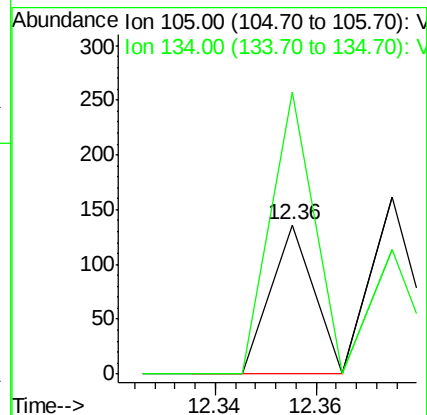
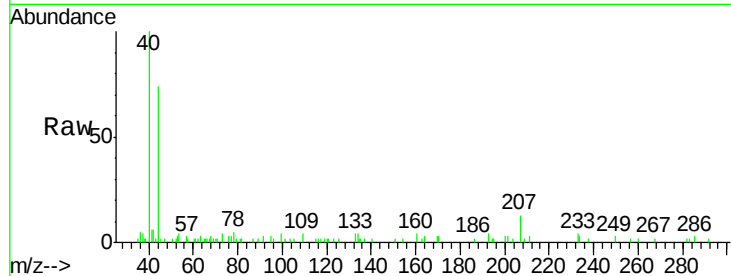
TP-4RE

Tot Ion:105 Resp: 80

Ion Ratio Lower Upper

105 100

134 189.7 10.5 31.6#



#86

p-Isopropyltoluene

Concen: 2.406 ug/l

RT: 12.53 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

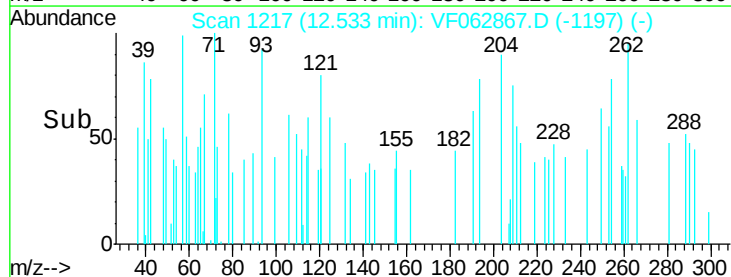
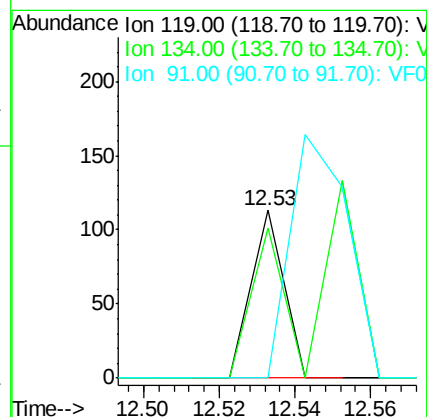
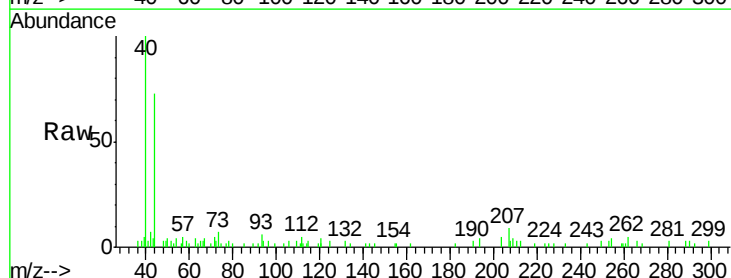
Tgt Ion:119 Resp: 67

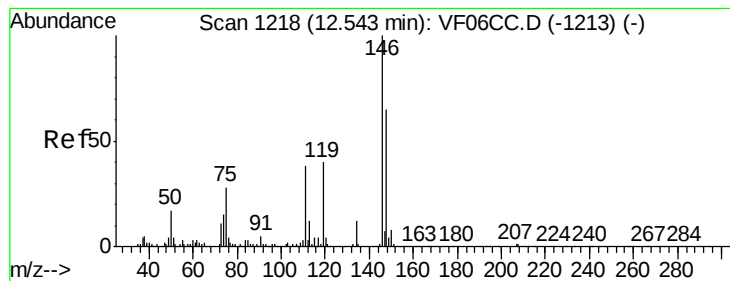
Ion Ratio Lower Upper

119 100

134 89.4 15.5 46.5#

91 0.0 10.3 30.9#





#87

1,3-Dichlorobenzene

Concen: 4.754 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. -0.00 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampled :

TP-4RE

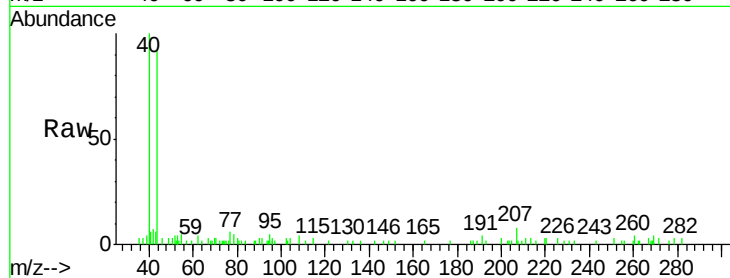
Tot Ion:146 Resp: 66

Ion Ratio Lower Upper

146 100

111 118.9 19.6 58.8#

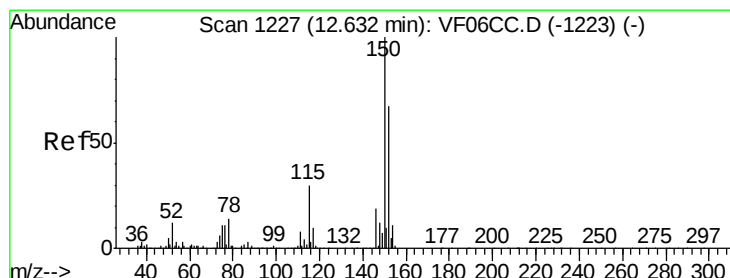
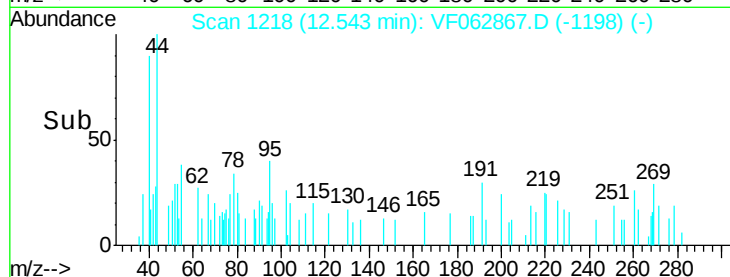
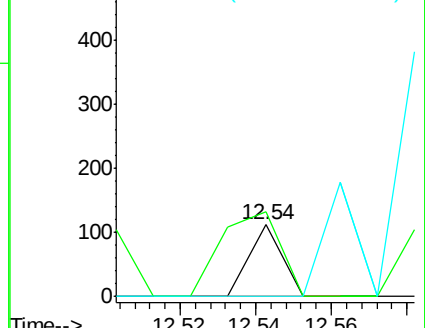
148 0.0 34.2 102.5#



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: 5.557 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

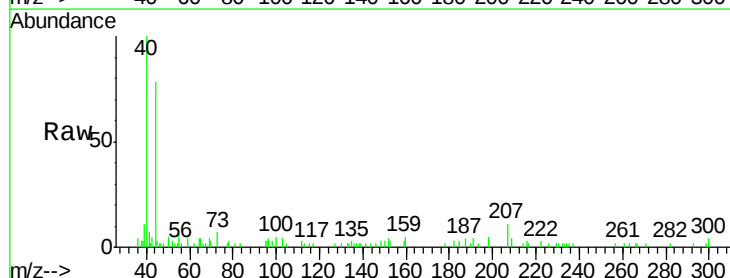
Tgt Ion:146 Resp: 72

Ion Ratio Lower Upper

146 100

111 0.0 20.3 60.9#

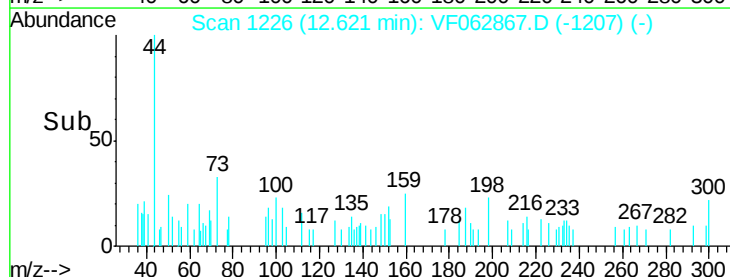
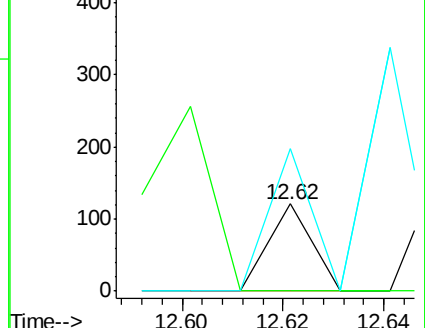
148 163.6 34.0 101.8#

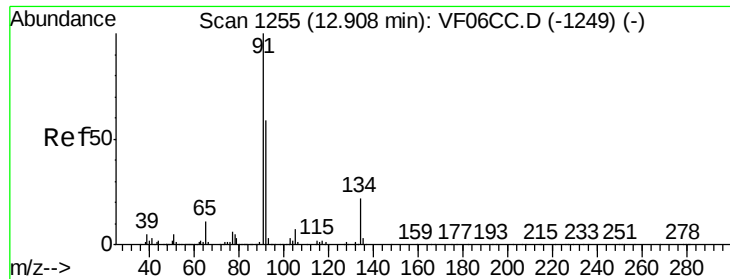


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#89

n-Butylbenzene

Concen: 8.640 ug/l

RT: 12.92 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampleId :

TP-4RE

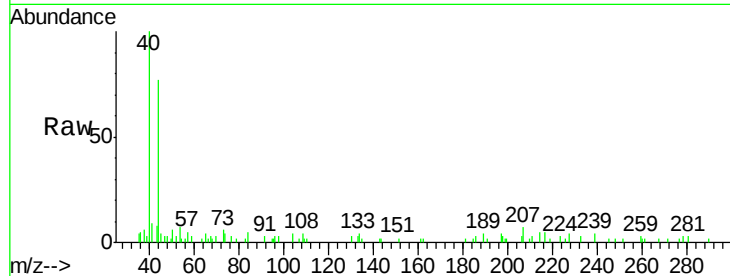
Tot Ion: 91 Resp: 242

Ion Ratio Lower Upper

91 100

92 0.0 34.2 102.6#

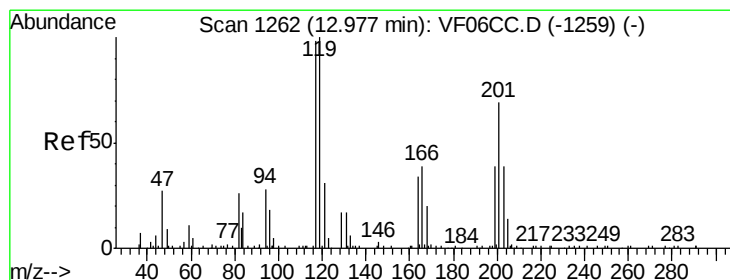
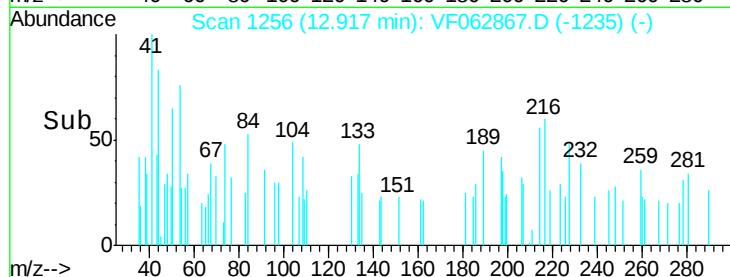
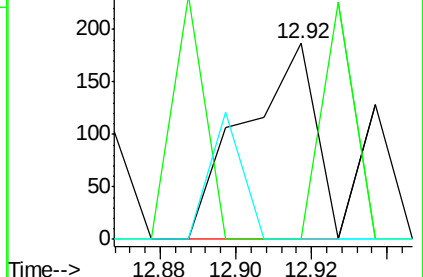
134 0.0 15.8 47.3#



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: 9.130 ug/l

RT: 13.05 min Scan# 1269

Delta R.T. 0.06 min

Lab File: VF062867.D

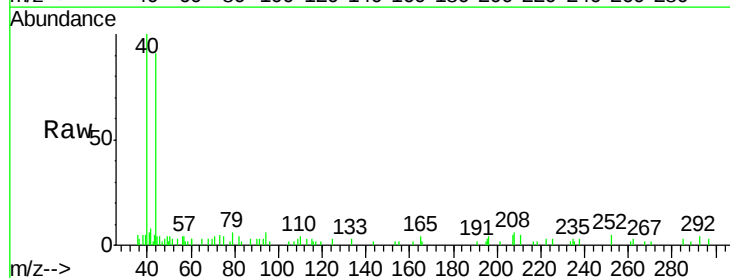
Acq: 5 Jun 2019 16:06

Tgt Ion: 117 Resp: 62

Ion Ratio Lower Upper

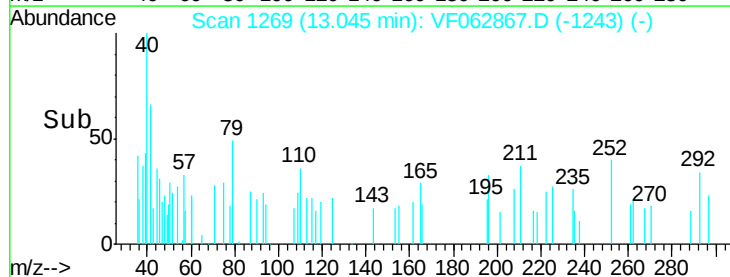
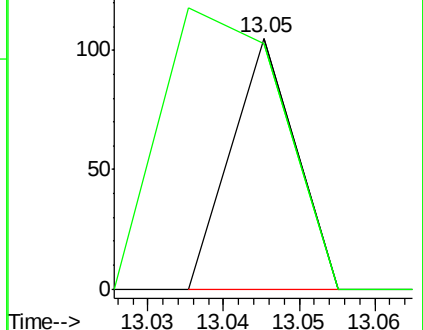
117 100

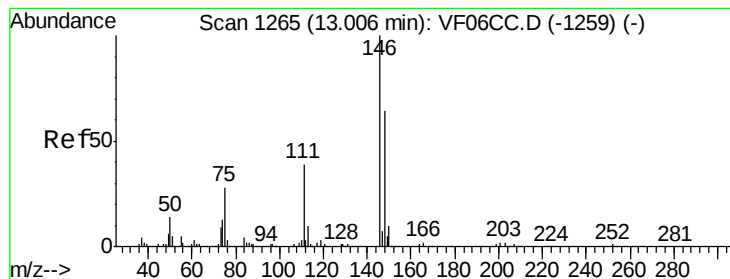
201 98.1 38.9 116.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#91

1,2-Dichlorobenzene

Concen: 6.556 ug/l

RT: 13.07 min Scan# 1272

Delta R.T. 0.07 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampled :

TP-4RE

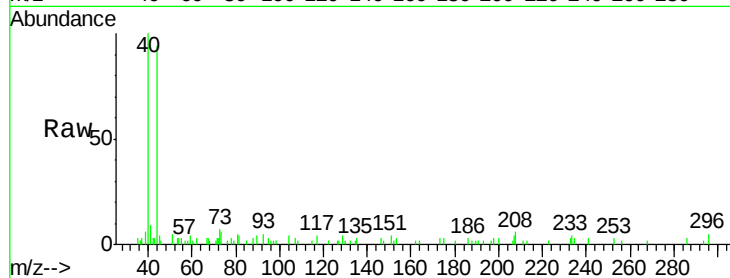
Tot Ion:146 Resp: 80

Ion Ratio Lower Upper

146 100

111 0.0 20.4 61.3#

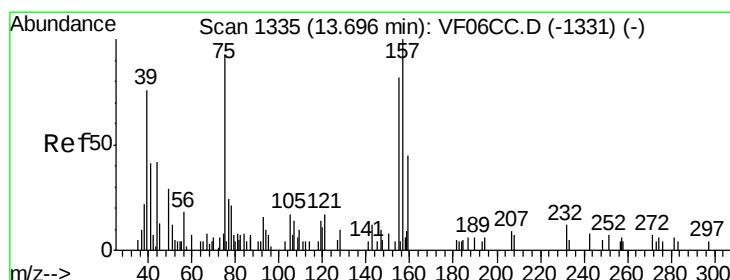
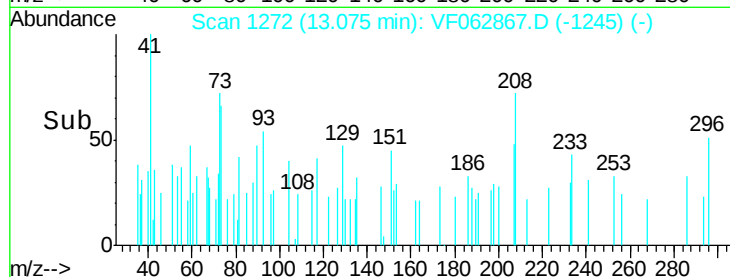
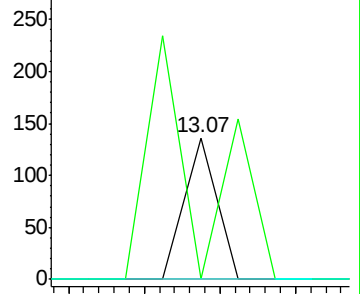
148 0.0 34.1 102.3#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 179.722 ug/l

RT: 13.70 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

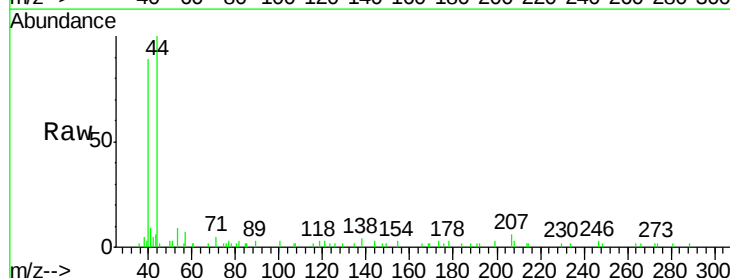
Tgt Ion: 75 Resp: 131

Ion Ratio Lower Upper

75 100

155 0.0 51.7 155.1#

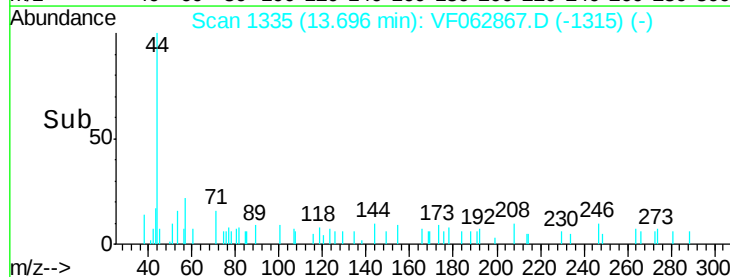
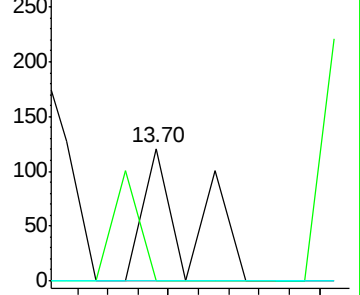
157 0.0 66.8 200.6#

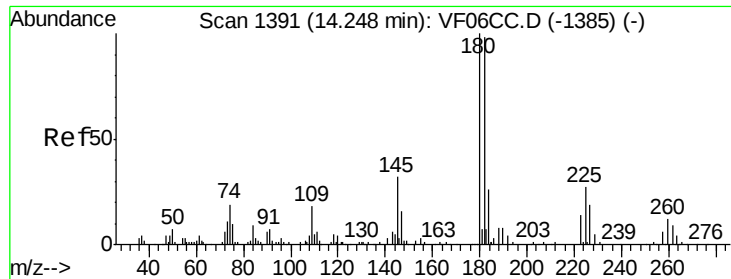


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

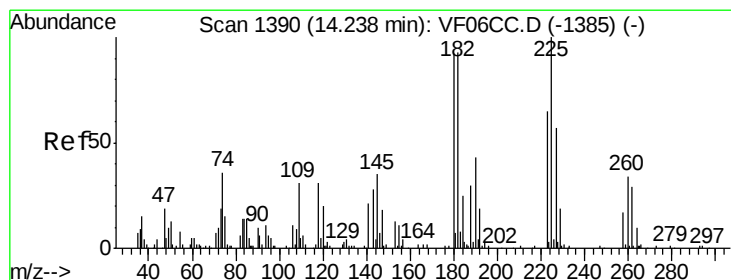
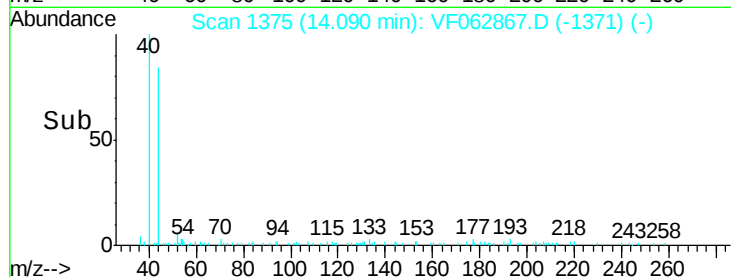
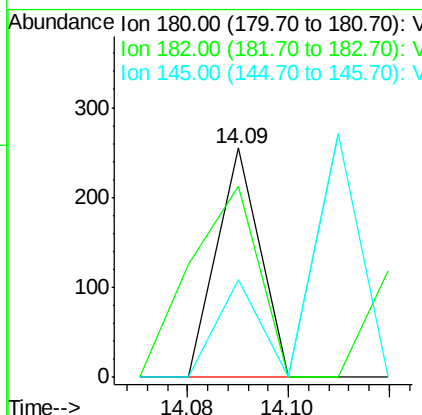
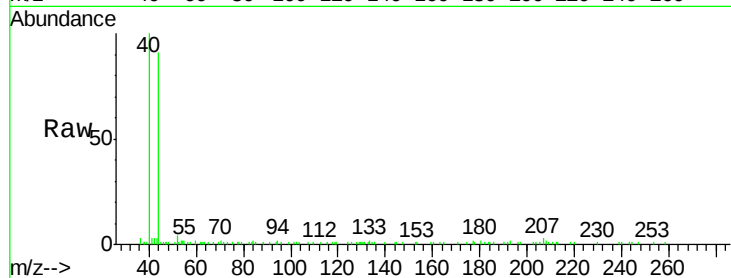




#93
 1,2,4-Trichlorobenzene
 Concen: 18.023 ug/l
 RT: 14.09 min Scan# 1375
 Delta R.T. -0.16 min
 Lab File: VF062867.D
 Acq: 5 Jun 2019 16:06

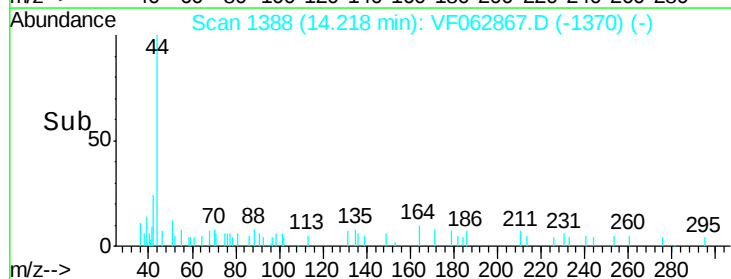
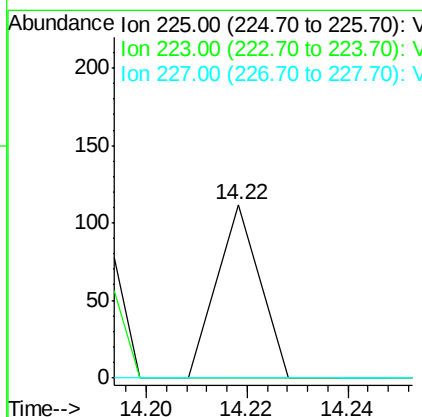
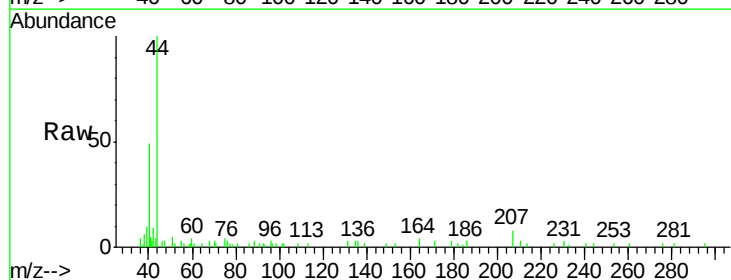
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-4RE

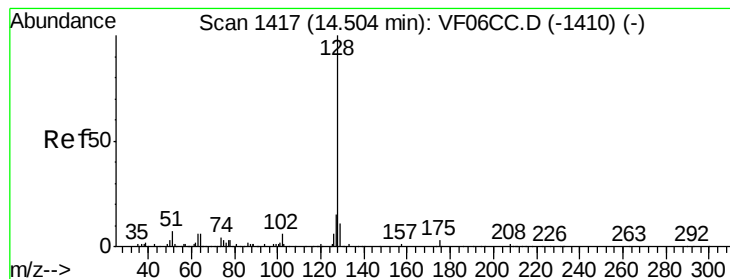
Tot Ion:180 Resp: 151
 Ion Ratio Lower Upper
 180 100
 182 83.1 50.3 150.9
 145 42.7 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 11.387 ug/l
 RT: 14.22 min Scan# 1388
 Delta R.T. -0.02 min
 Lab File: VF062867.D
 Acq: 5 Jun 2019 16:06

Tgt Ion:225 Resp: 66
 Ion Ratio Lower Upper
 225 100
 223 0.0 30.8 92.4#
 227 0.0 31.9 95.5#





#95

Naphthalene

Concen: 4.590 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Instrument :

MSVOA_F

ClientSampled :

TP-4RE

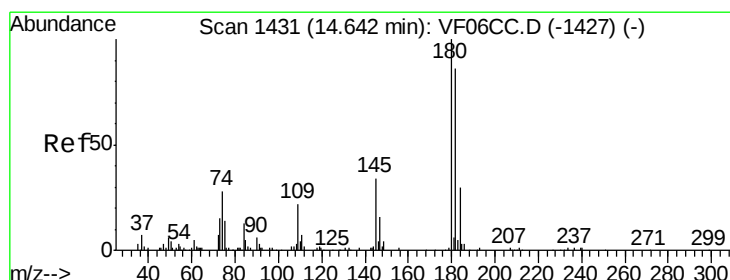
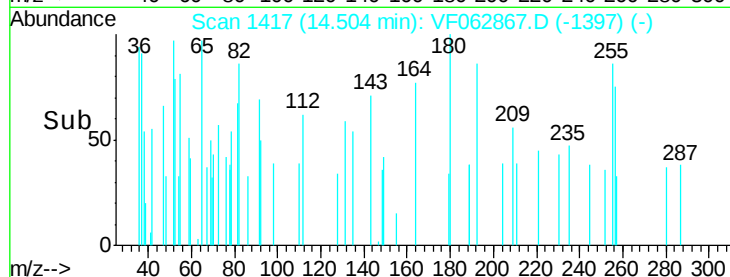
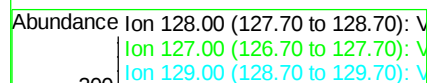
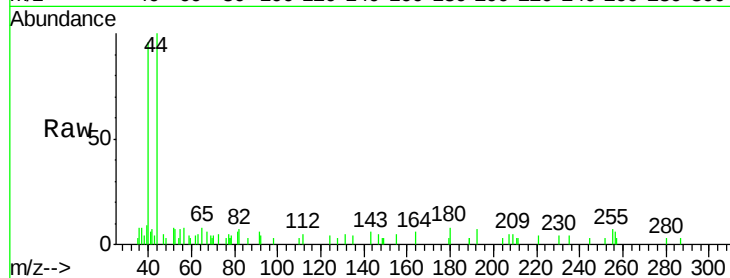
Tot Ion:128 Resp: 63

Ion Ratio Lower Upper

128 100

127 100.0 9.7 14.5#

129 0.0 9.4 14.2#



#96

1,2,3-Trichlorobenzene

Concen: 8.891 ug/l

RT: 14.62 min Scan# 1429

Delta R.T. -0.02 min

Lab File: VF062867.D

Acq: 5 Jun 2019 16:06

Tgt Ion:180 Resp: 68

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

145 0.0 15.7 47.0#

