

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070618\
 Data File : VF059462.D
 Acq On : 6 Jul 2018 21:03
 Operator : VA/AP
 Sample : J3855-01
 Misc : 6.76g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-8(5.5-6)

Quant Time: Jul 07 01:51:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	1406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.73	114	2029	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.89	117	1072	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	271	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.99	65	406	22.35	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	44.70%	
35) Dibromofluoromethane	4.24	113	143	9.65	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	19.30%	
50) Toluene-d8	7.67	98	1722	46.91	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	93.82%	
62) 4-Bromofluorobenzene	11.49	95	428	20.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	41.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.08	85	69	5.371	ug/l #	40
3) Chloromethane	1.07	50	86	9.965	ug/l #	41
4) Vinyl Chloride	1.20	62	63	7.416	ug/l #	42
5) Bromomethane	1.47	94	75	11.458	ug/l #	4
6) Chloroethane	1.31	64	60	14.024	ug/l #	45
8) Diethyl Ether	1.60	74	64	14.859	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.03	101	96	9.791	ug/l #	18
11) Tert butyl alcohol	2.73	59	83	68.633	ug/l #	66
12) 1,1-Dichloroethene	1.97	96	157	18.940	ug/l #	1
14) Allyl chloride	2.18	41	160	10.283	ug/l #	1
15) Acrylonitrile	3.08	53	75	35.218	ug/l #	9
16) Acetone	2.33	43	214	38.544	ug/l #	65
17) Carbon Disulfide	1.79	76	116	5.949	ug/l #	71
18) Methyl Acetate	2.47	43	60	6.301	ug/l #	61
19) Methyl tert-butyl Ether	2.48	73	79	2.555	ug/l #	63
21) trans-1,2-Dichloroethene	2.43	96	60	6.785	ug/l #	1
22) Diisopropyl ether	2.83	45	74	2.148	ug/l #	37
23) Vinyl Acetate	3.30	43	134	6.106	ug/l #	79
24) 1,1-Dichloroethane	2.84	63	71	3.323	ug/l #	90
25) 2-Butanone	4.38	43	87	13.230	ug/l #	59
26) 2,2-Dichloropropane	3.72	77	63	4.276	ug/l #	1
27) cis-1,2-Dichloroethene	3.58	96	73	5.438	ug/l	1
28) Bromochloromethane	3.95	49	83	6.417	ug/l	92
29) Tetrahydrofuran	4.21	42	106	37.851	ug/l #	36
30) Chloroform	4.03	83	63	2.037	ug/l #	18
31) Cyclohexane	3.77	56	62	4.430	ug/l #	13
32) 1,1,1-Trichloroethane	4.12	97	79	3.491	ug/l #	21
37) Ethyl Acetate	4.25	43	173	14.197	ug/l #	26
38) Carbon Tetrachloride	4.12	117	67	2.995	ug/l #	10
39) Methylcyclohexane	5.47	83	59	3.756	ug/l #	15
40) Benzene	4.80	78	100	2.545	ug/l #	51
41) Methacrylonitrile	4.91	41	77	12.735	ug/l #	26
42) 1,2-Dichloroethane	5.06	62	67	2.918	ug/l	83
43) Isopropyl Acetate	7.05	43	461	31.225	ug/l #	52

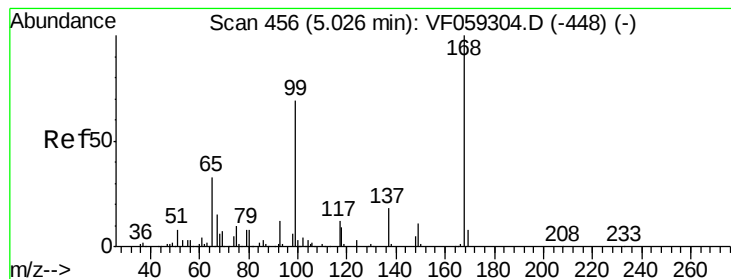
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070618\
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	5.60	130	61	4.525	ug/l	1
45) 1,2-Dichloropropane	6.24	63	91	8.104	ug/l #	43
46) Dibromomethane	6.31	93	73	7.491	ug/l #	4
48) Methyl methacrylate	6.80	41	347	35.068	ug/l #	44
49) 1,4-Dioxane	6.60	88	80	1538.151	ug/l #	20
51) 4-Methyl-2-Pentanone	8.39	43	268	24.502	ug/l #	39
52) Toluene	7.72	92	64	2.176	ug/l #	1
53) t-1,3-Dichloropropene	8.31	75	62	2.883	ug/l #	43
54) cis-1,3-Dichloropropene	7.31	75	71	3.040	ug/l #	59
56) Ethyl methacrylate	8.59	69	114	8.060	ug/l #	17
57) 1,3-Dichloropropane	9.04	76	62	3.166	ug/l #	44
58) 2-Chloroethyl Vinyl ether	7.75	63	70	65.988	ug/l	100
59) 2-Hexanone	9.54	43	300	21.032	ug/l #	30
61) 1,2-Dibromoethane	9.19	107	81	5.850	ug/l #	1
64) Tetrachloroethene	8.26	164	946	136.061	ug/l #	44
65) Chlorobenzene	9.96	112	63	3.172	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	10.18	131	64	7.449	ug/l #	10
67) Ethyl Benzene	9.89	91	91	2.700	ug/l #	44
70) Styrene	11.04	104	68	3.327	ug/l #	29
73) Isopropylbenzene	11.28	105	72	4.560	ug/l #	51
74) N-amyl acetate	11.51	43	290	50.618	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.81	83	98	24.578	ug/l #	24
76) 1,2,3-Trichloropropane	11.75	75	70	23.273	ug/l #	39
77) Bromobenzene	11.69	156	72	16.438	ug/l #	1
78) n-propylbenzene	11.69	91	76	4.008	ug/l #	52
79) 2-Chlorotoluene	11.84	91	157	13.553	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.89	105	62	4.483	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.02	75	91	50.834	ug/l #	14
82) 4-Chlorotoluene	11.88	91	59	4.755	ug/l #	38
84) 1,2,4-Trimethylbenzene	12.38	105	59	4.051	ug/l #	31
85) sec-Butylbenzene	12.38	105	59	3.218	ug/l #	58
86) p-Isopropyltoluene	12.55	119	62	4.030	ug/l #	50
87) 1,3-Dichlorobenzene	12.54	146	67	5.137	ug/l #	23
88) 1,4-Dichlorobenzene	12.54	146	67	8.565	ug/l #	24
89) n-Butylbenzene	12.98	91	62	3.969	ug/l #	29
92) 1,2-Dibromo-3-Chloropropan	13.72	75	63	71.276	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.38	180	64	10.885	ug/l #	12
95) Naphthalene	14.47	128	91	7.397	ug/l #	69

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059462.D

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MSVOA_F

ClientSampleId :

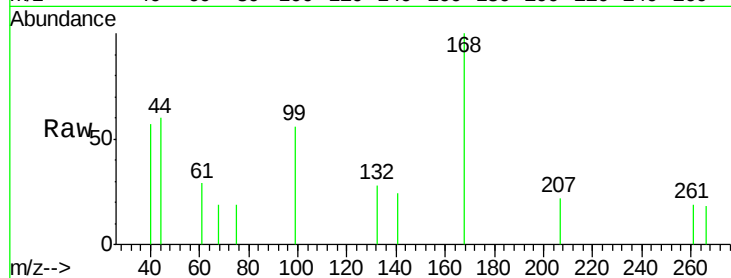
S-8(5.5-6)

Tot Ion:168 Resp: 1406

Ion Ratio Lower Upper

168 100

99 55.9 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

400

300

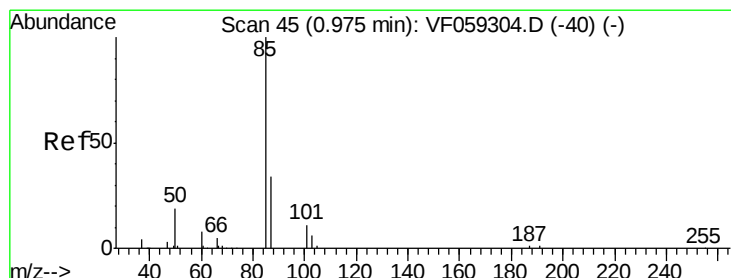
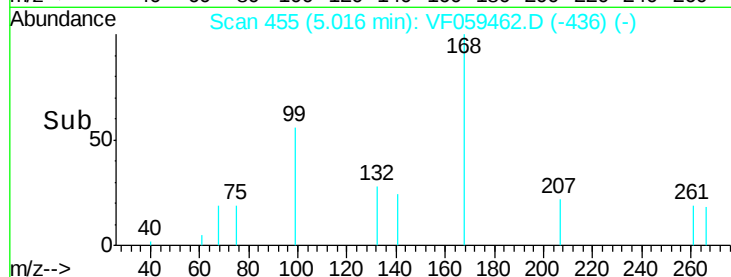
200

100

0

4.90 4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 5.371 ug/l

RT: 1.08 min Scan# 56

Delta R.T. 0.11 min

Lab File: VF059462.D

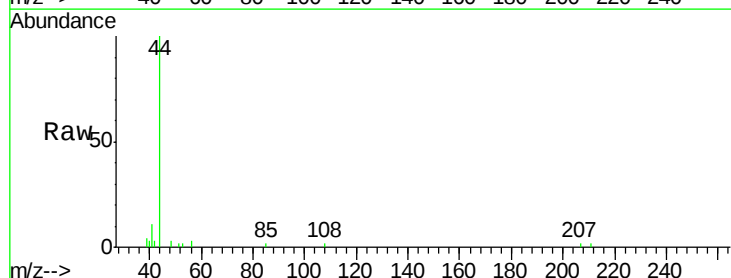
Acq: 6 Jul 2018 21:03

Tgt Ion: 85 Resp: 69

Ion Ratio Lower Upper

85 100

87 0.0 17.1 51.3#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.08

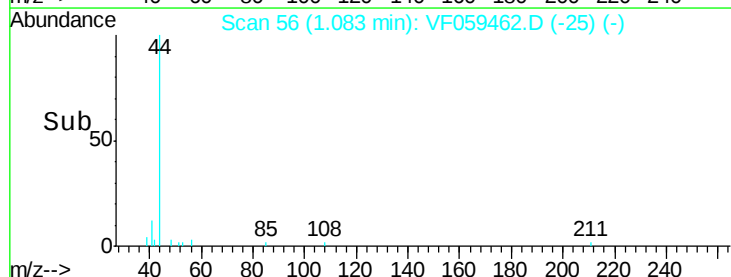
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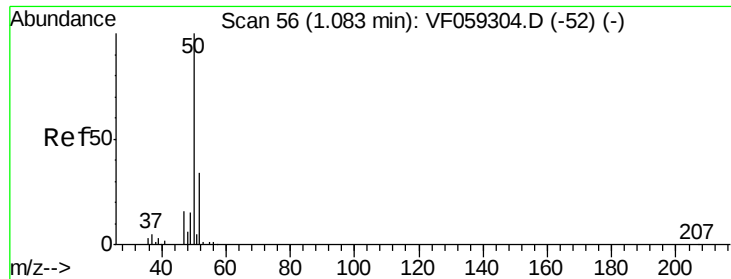
50

0

1.06 1.08 1.10

Time-->





#3

Chloromethane

Concen: 9.965 ug/l

RT: 1.07 min Scan# 55

Delta R.T. -0.01 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

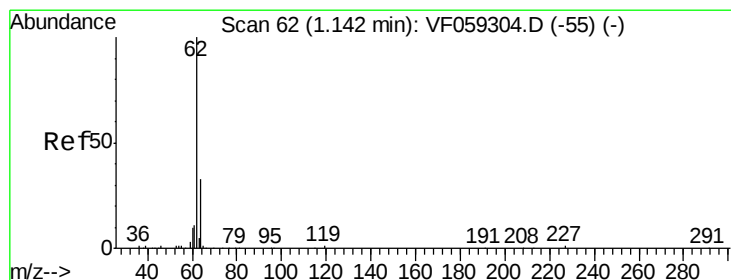
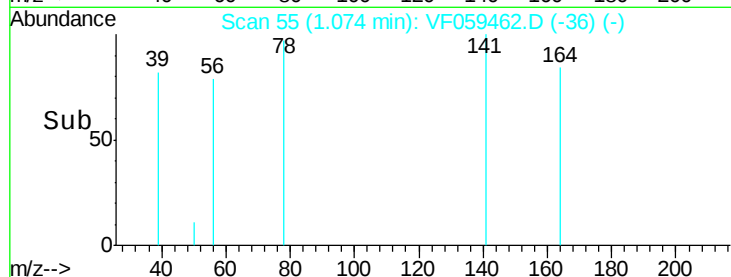
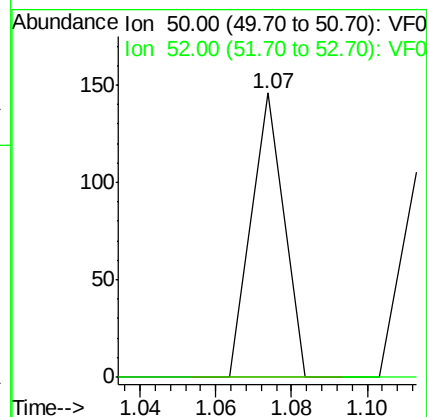
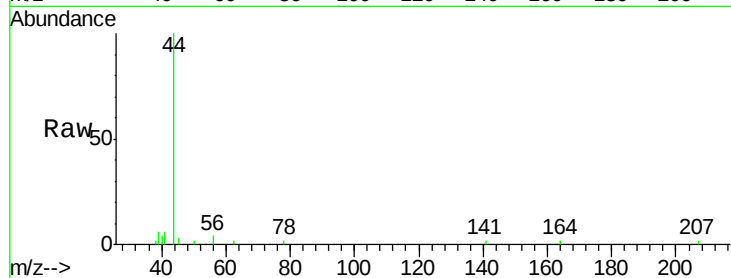
S-8(5.5-6)

Tot Ion: 50 Resp: 86

Ion Ratio Lower Upper

50 100

52 0.0 26.7 40.1#



#4

Vinyl Chloride

Concen: 7.416 ug/l

RT: 1.20 min Scan# 68

Delta R.T. 0.06 min

Lab File: VF059462.D

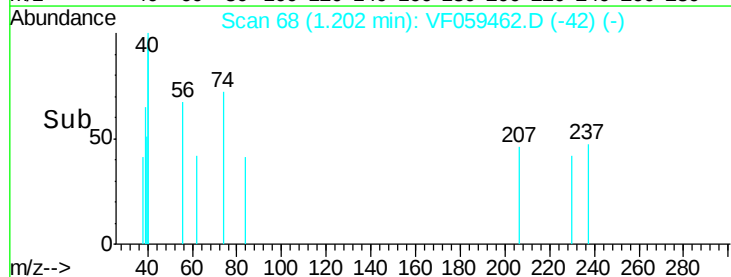
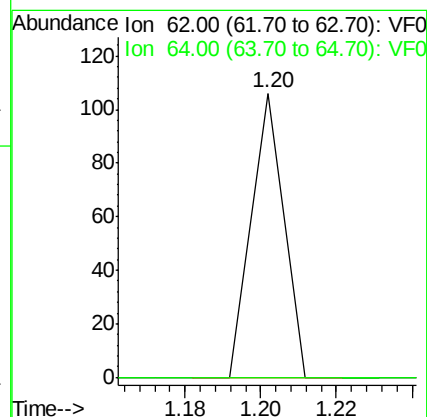
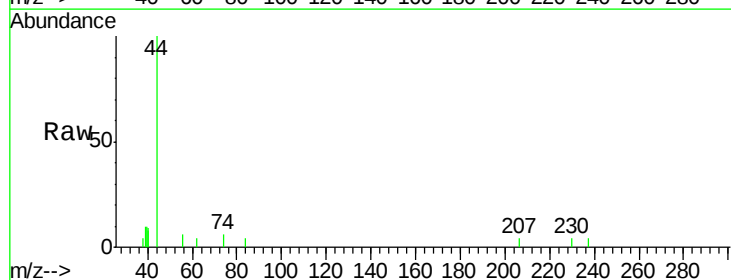
Acq: 6 Jul 2018 21:03

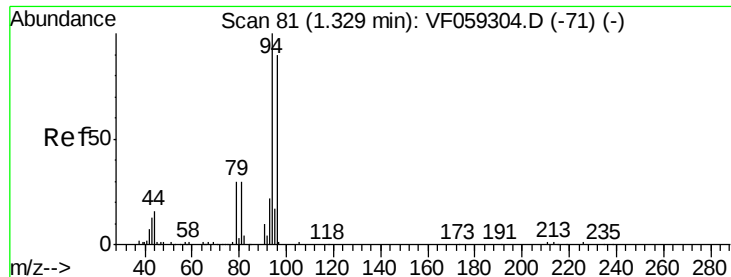
Tgt Ion: 62 Resp: 63

Ion Ratio Lower Upper

62 100

64 0.0 26.3 39.5#





#5

Bromomethane

Concen: 11.458 ug/l

RT: 1.47 min Scan# 95

Delta R.T. 0.14 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

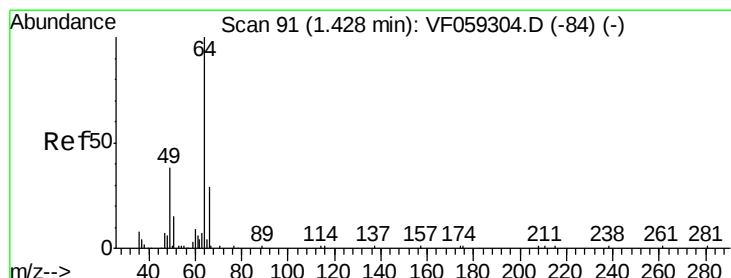
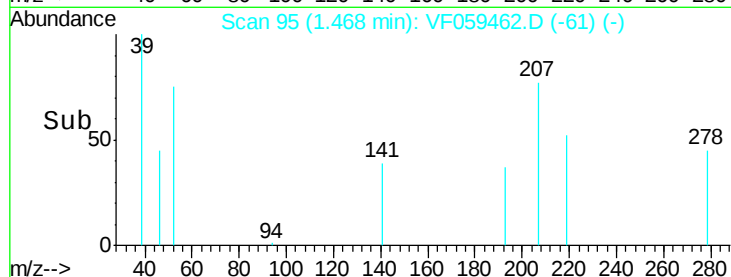
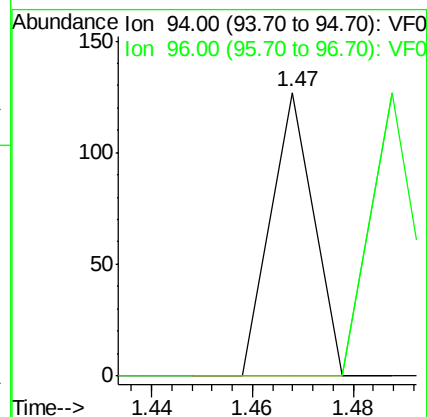
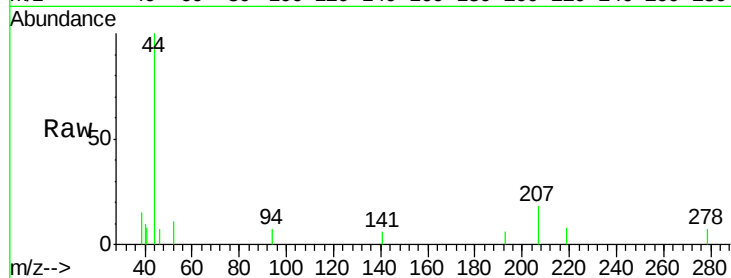
S-8(5.5-6)

Tot Ion: 94 Resp: 75

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.0#



#6

Chloroethane

Concen: 14.024 ug/l

RT: 1.31 min Scan# 79

Delta R.T. -0.12 min

Lab File: VF059462.D

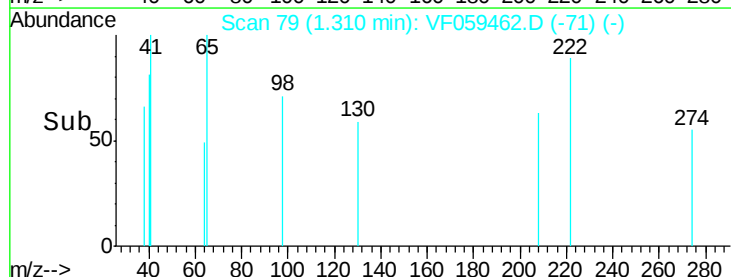
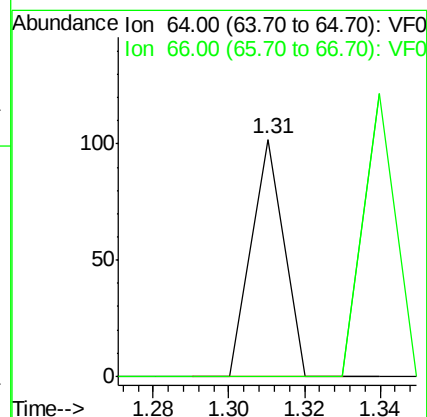
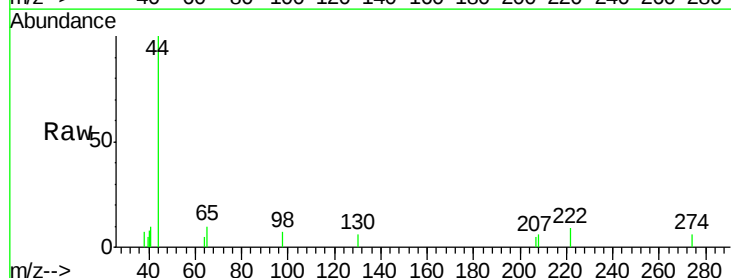
Acq: 6 Jul 2018 21:03

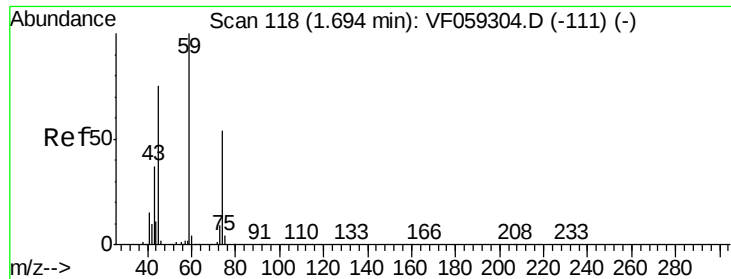
Tgt Ion: 64 Resp: 60

Ion Ratio Lower Upper

64 100

66 0.0 23.9 35.9#





#8

Diethyl Ether

Concen: 14.859 ug/l

RT: 1.60 min Scan# 108

Delta R.T. -0.10 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

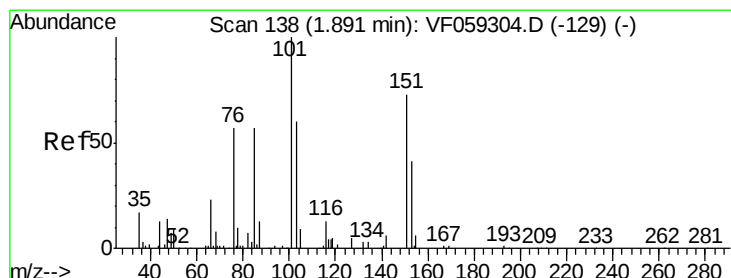
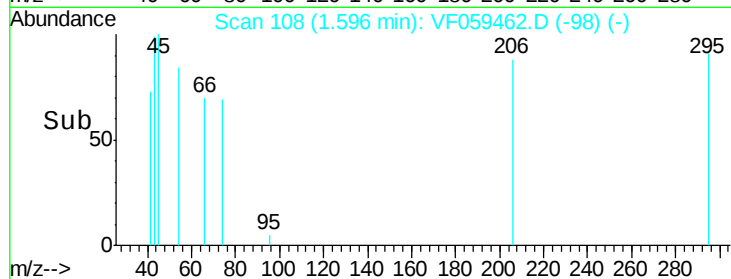
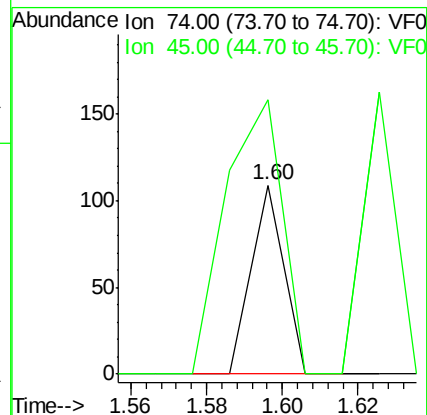
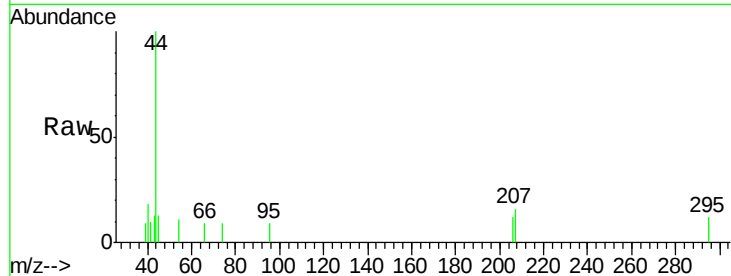
S-8(5.5-6)

Tot Ion: 74 Resp: 64

Ion Ratio Lower Upper

74 100

45 145.0 70.0 210.0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.791 ug/l

RT: 2.03 min Scan# 152

Delta R.T. 0.14 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

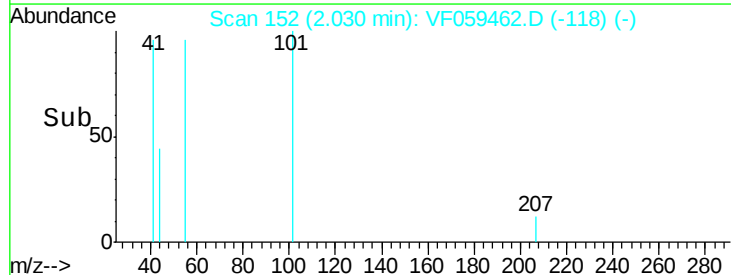
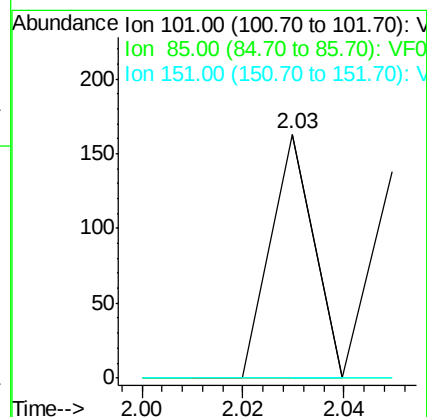
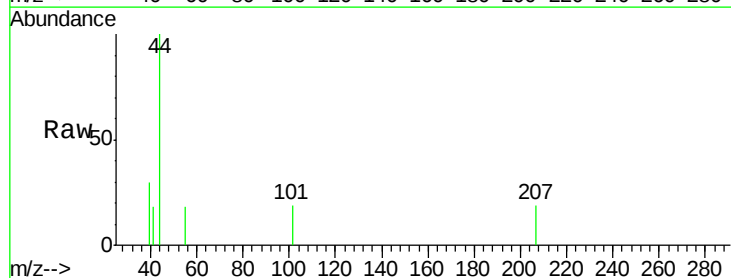
Tgt Ion: 101 Resp: 96

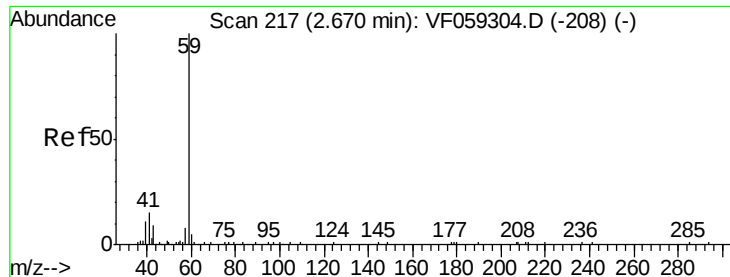
Ion Ratio Lower Upper

101 100

85 0.0 44.5 66.7#

151 0.0 56.8 85.2#



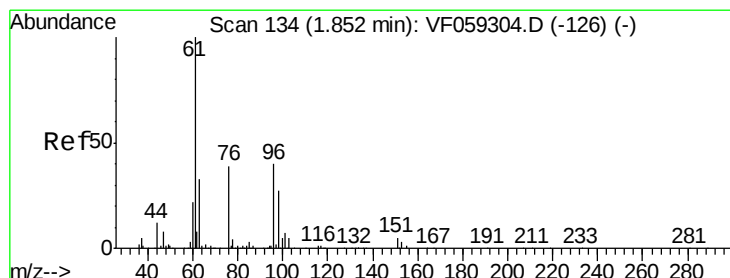
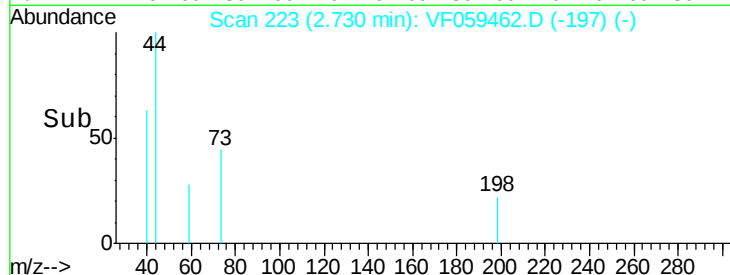
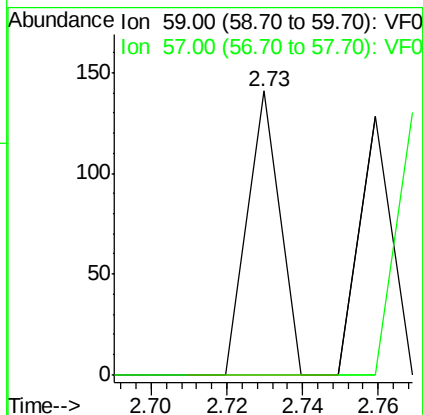
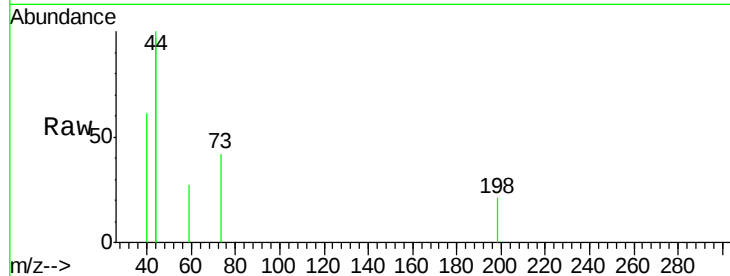


#11

Tert butyl alcohol
 Concen: 68.633 ug/l
 RT: 2.73 min Scan# 223
 Delta R.T. 0.06 min
 Lab File: VF059462.D
 Acq: 6 Jul 2018 21:03

Instrument :
 MSVOA_F
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 S-8(5.5-6)

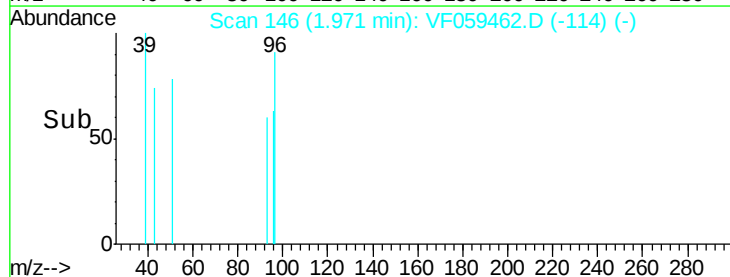
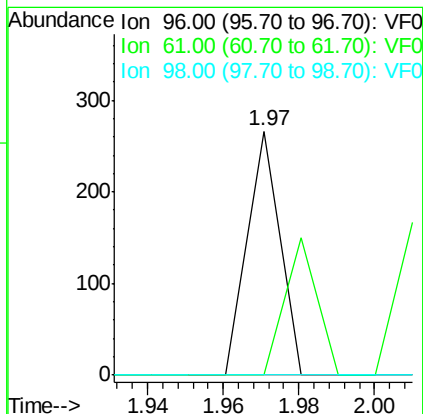
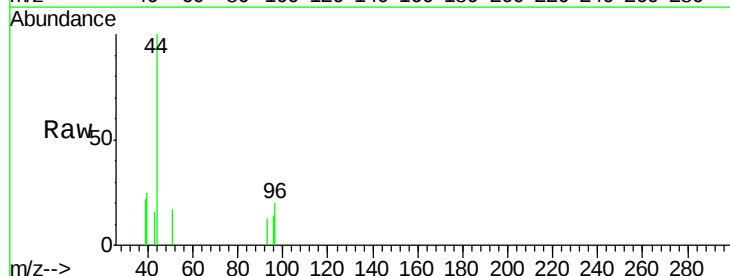
Tot Ion: 59 Resp: 83
 Ion Ratio Lower Upper
 59 100
 57 0.0 11.0 16.4#

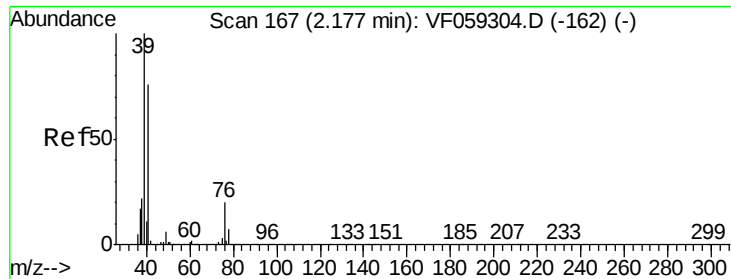


#12

1,1-Dichloroethene
 Concen: 18.940 ug/l
 RT: 1.97 min Scan# 146
 Delta R.T. 0.12 min
 Lab File: VF059462.D
 Acq: 6 Jul 2018 21:03

Tgt Ion: 96 Resp: 157
 Ion Ratio Lower Upper
 96 100
 61 0.0 201.1 301.7#
 98 0.0 53.9 80.9#

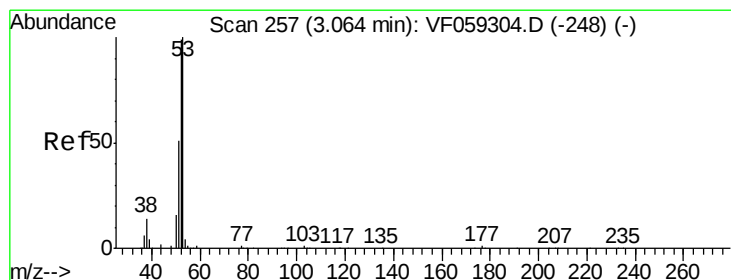
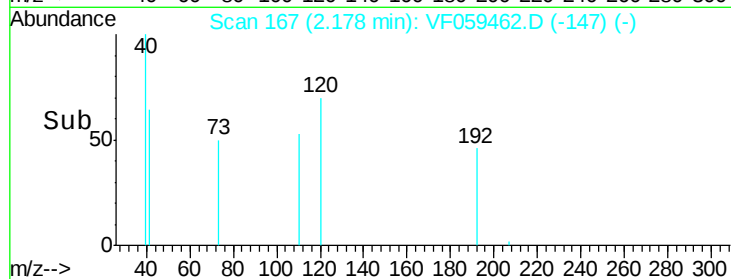
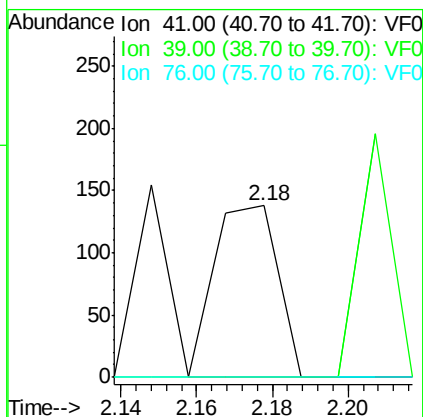
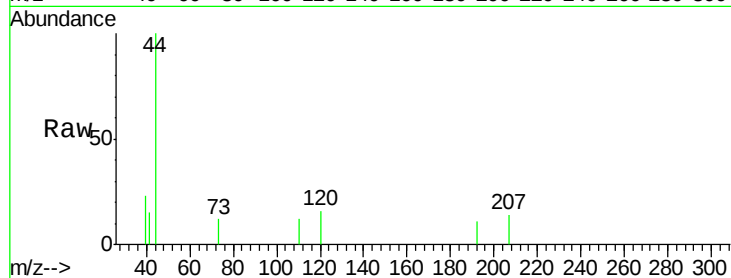




#14
Allvl chloride
Concen: 10.283 ug/l
RT: 2.18 min Scan# 167
Delta R.T. 0.00 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

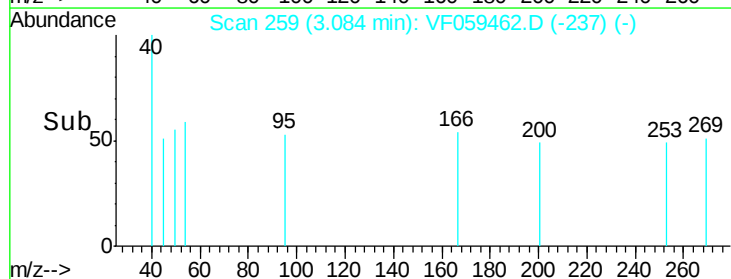
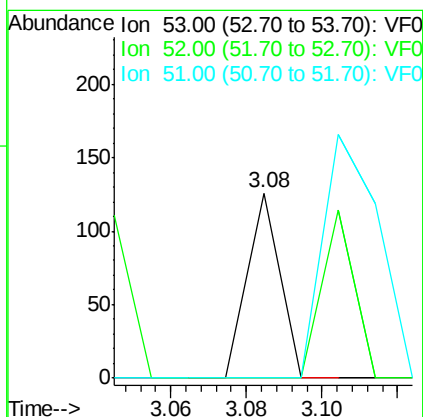
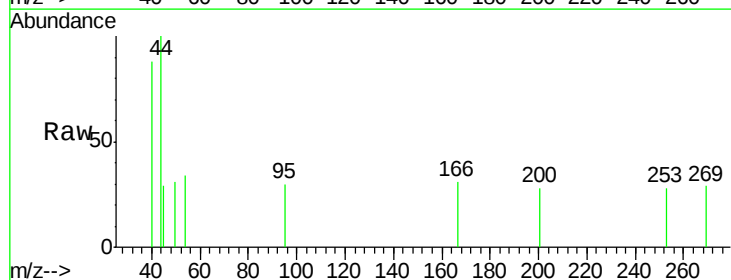
Instrument :
MSVOA_F
ClientSampled :
S-8(5.5-6)

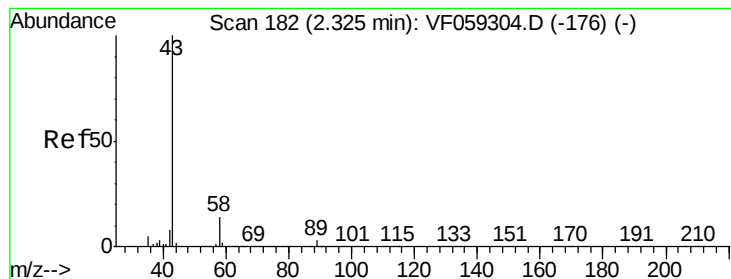
Tot Ion: 41 Resp: 160
Ion Ratio Lower Upper
41 100
39 0.0 105.6 158.4#
76 0.0 21.6 32.4#



#15
Acrylonitrile
Concen: 35.218 ug/l
RT: 3.08 min Scan# 259
Delta R.T. 0.02 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

Tgt Ion: 53 Resp: 75
Ion Ratio Lower Upper
53 100
52 0.0 79.2 118.8#
51 0.0 40.9 61.3#





#16

Acetone

Concen: 38.544 ug/l

RT: 2.33 min Scan# 182

Delta R.T. 0.00 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

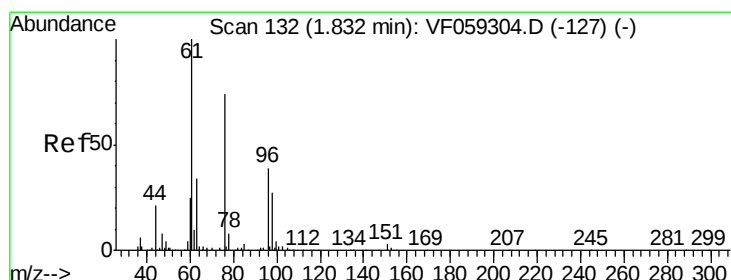
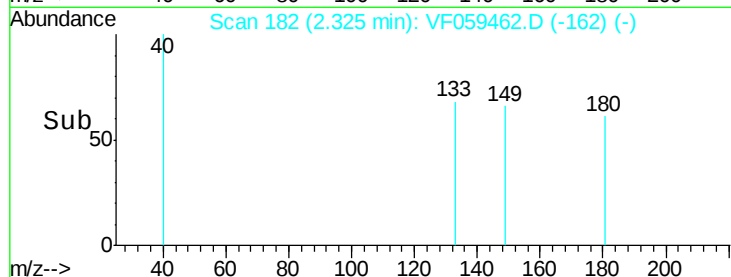
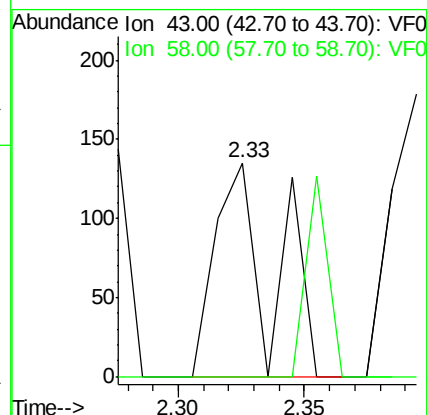
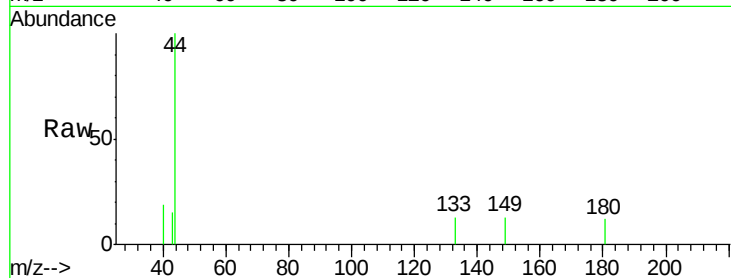
S-8(5.5-6)

Tot Ion: 43 Resp: 214

Ion Ratio Lower Upper

43 100

58 0.0 11.4 17.0#



#17

Carbon Disulfide

Concen: 5.949 ug/l

RT: 1.79 min Scan# 128

Delta R.T. -0.04 min

Lab File: VF059462.D

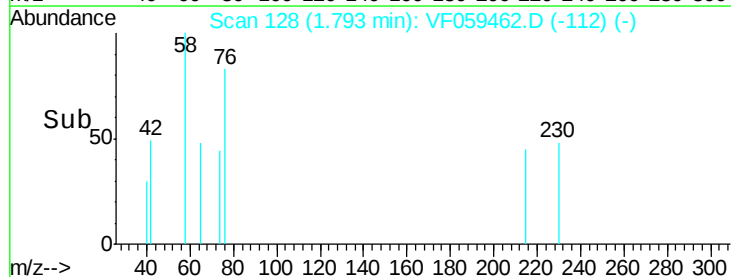
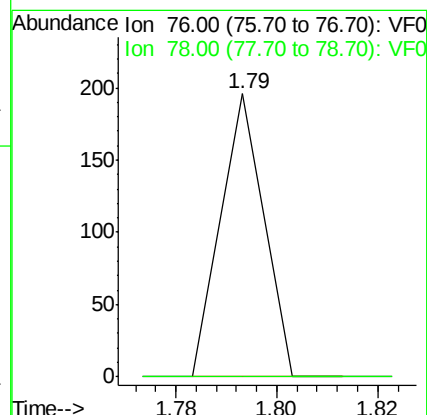
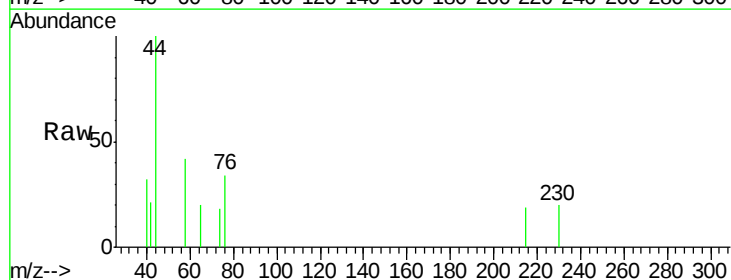
Acq: 6 Jul 2018 21:03

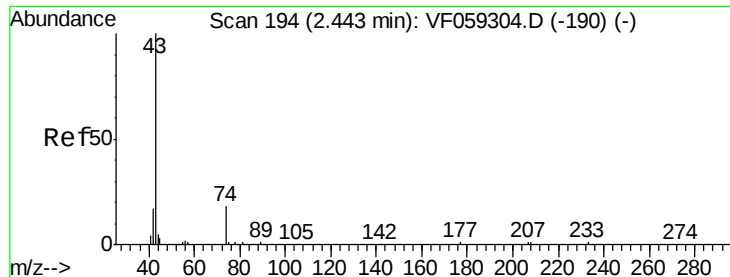
Tgt Ion: 76 Resp: 116

Ion Ratio Lower Upper

76 100

78 0.0 8.9 13.3#

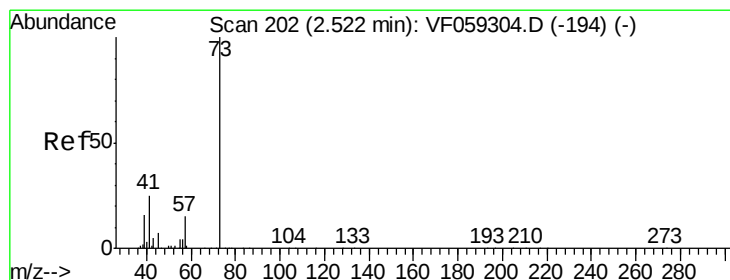
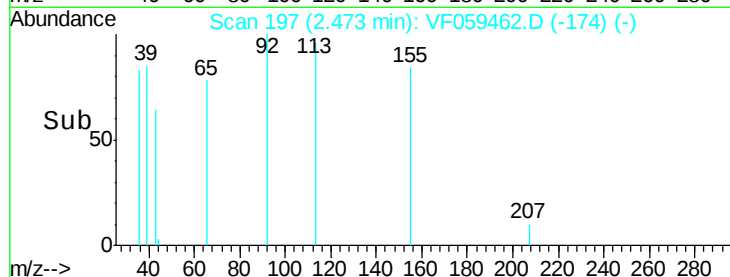
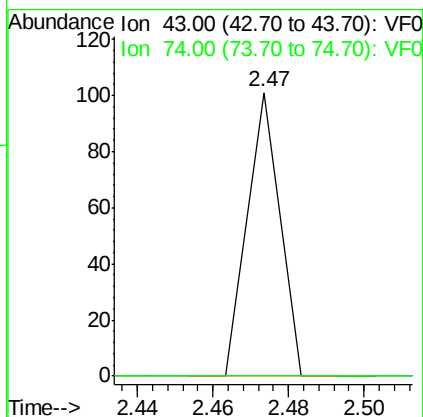
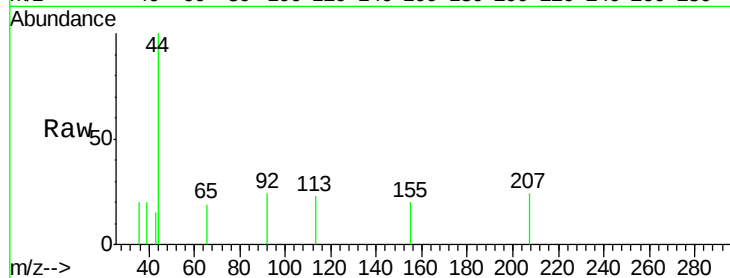




#18
Methvl Acetate
Concen: 6.301 ug/l
RT: 2.47 min Scan# 197
Delta R.T. 0.03 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

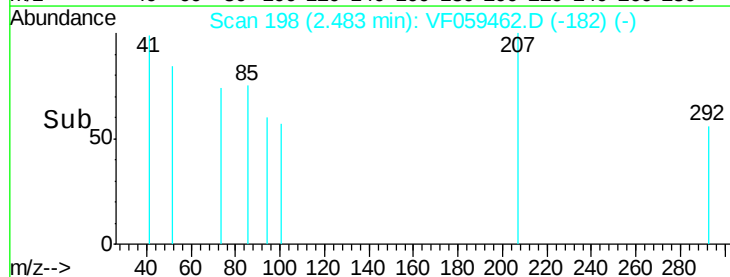
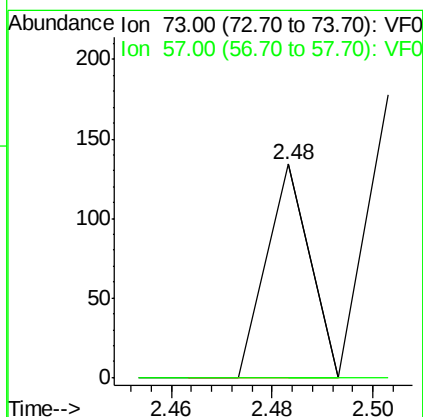
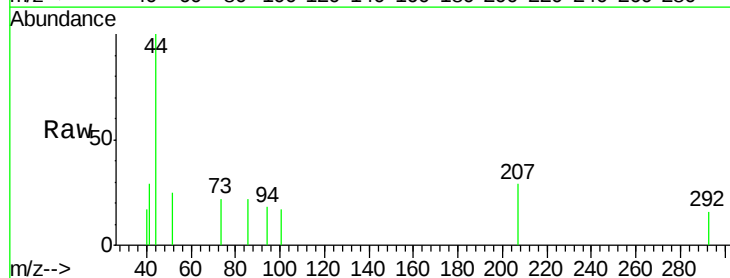
Instrument :
MSVOA_F
ClientSampleId :
S-8(5.5-6)

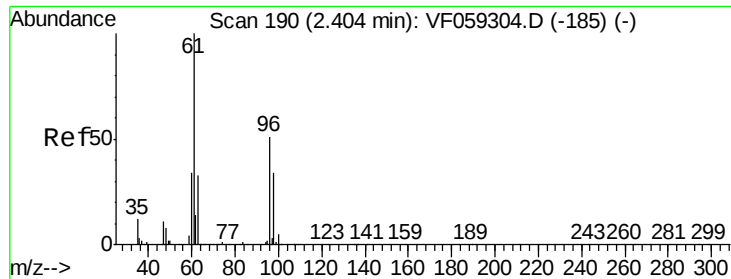
Tot Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
74 0.0 13.3 19.9#



#19
Methyl tert-butyl Ether
Concen: 2.555 ug/l
RT: 2.48 min Scan# 198
Delta R.T. -0.04 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

Tgt Ion: 73 Resp: 79
Ion Ratio Lower Upper
73 100
57 0.0 12.3 18.5#





#21

trans-1,2-Dichloroethene

Concen: 6.785 ug/l

RT: 2.43 min Scan# 193

Delta R.T. 0.03 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

S-8(5.5-6)

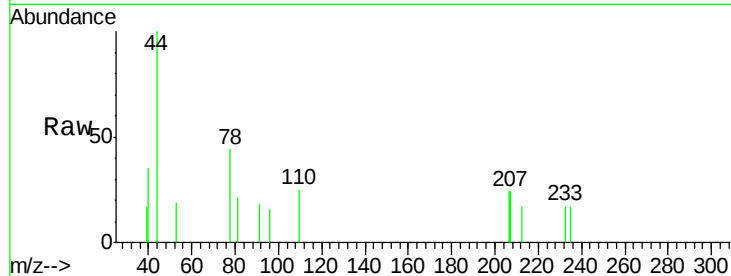
Tot Ion: 96 Resp: 60

Ion Ratio Lower Upper

96 100

61 0.0 157.4 236.2#

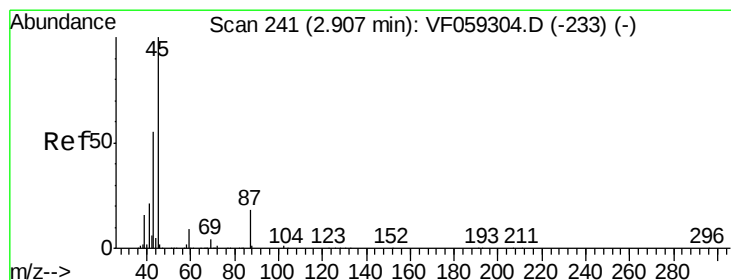
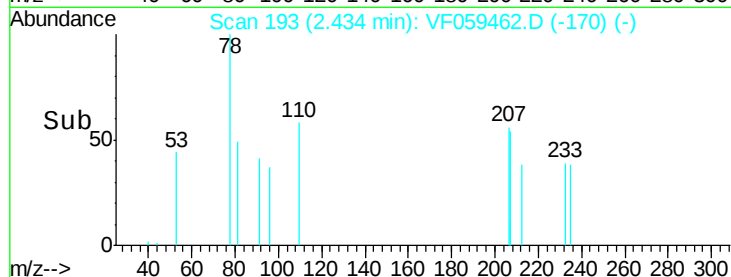
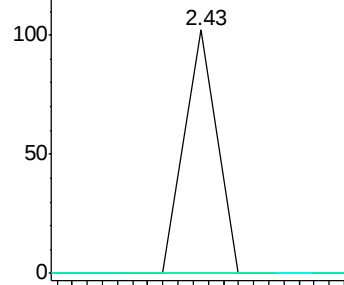
98 0.0 53.7 80.5#



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 2.148 ug/l

RT: 2.83 min Scan# 233

Delta R.T. -0.08 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Tgt Ion: 45 Resp: 74

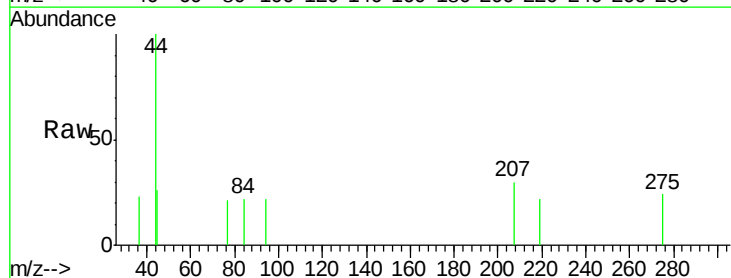
Ion Ratio Lower Upper

45 100

43 0.0 44.6 66.8#

87 0.0 14.3 21.5#

59 0.0 7.5 11.3#

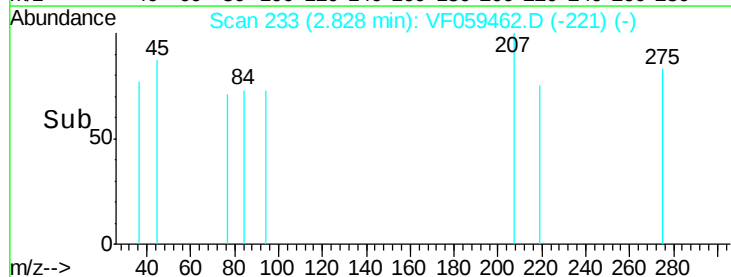
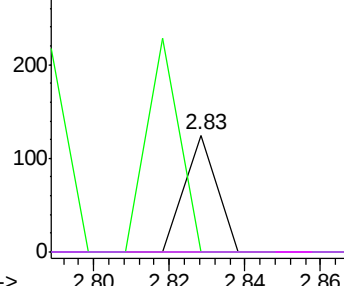


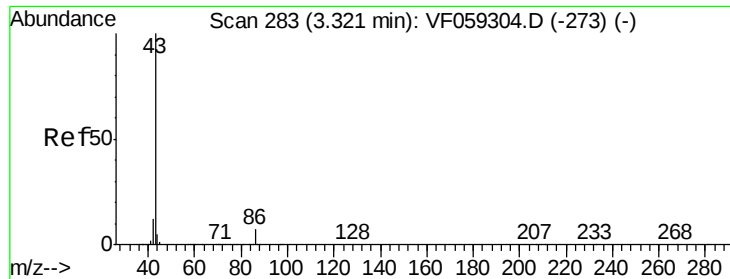
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 6.106 ug/l

RT: 3.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampled :

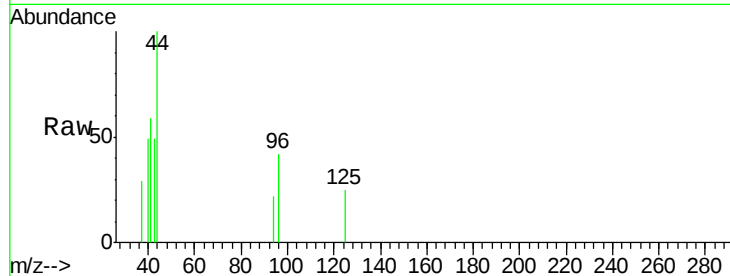
S-8(5.5-6)

Tot Ion: 43 Resp: 134

Ion Ratio Lower Upper

43 100

86 0.0 5.8 8.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.30

250

200

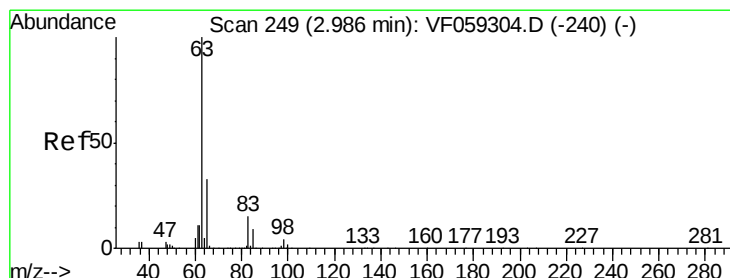
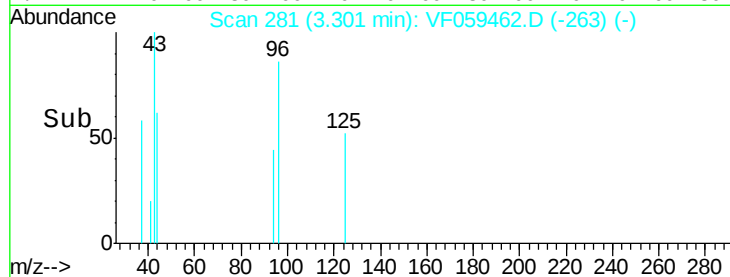
150

100

50

0

Time--> 3.28 3.30 3.32



#24

1,1-Dichloroethane

Concen: 3.323 ug/l

RT: 2.84 min Scan# 234

Delta R.T. -0.15 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

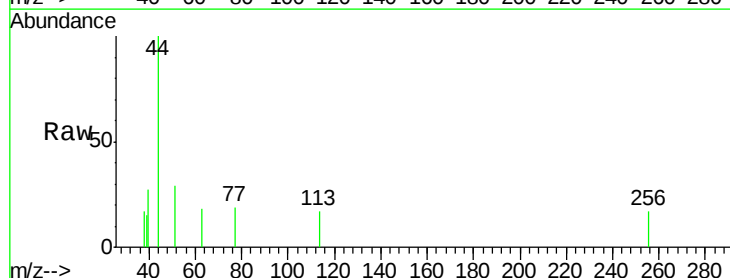
Tgt Ion: 63 Resp: 71

Ion Ratio Lower Upper

63 100

98 0.0 2.0 6.0#

100 0.0 1.3 3.9#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

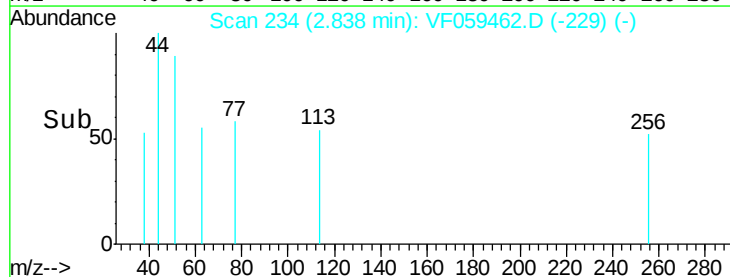
150

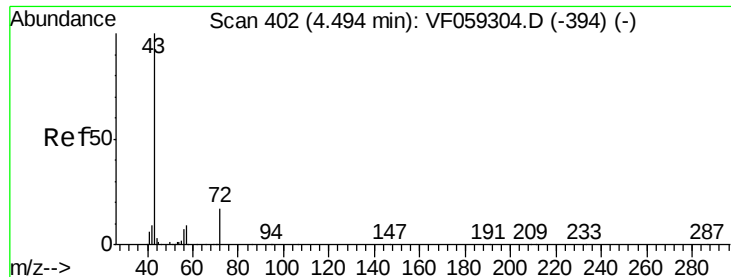
100

50

0

Time--> 2.80 2.82 2.84 2.86





#25

2-Butanone

Concen: 13.230 ug/l

RT: 4.38 min Scan# 390

Delta R.T. -0.12 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

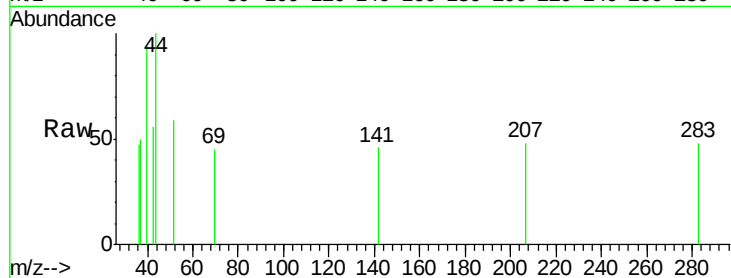
S-8(5.5-6)

Tot Ion: 43 Resp: 87

Ion Ratio Lower Upper

43 100

72 0.0 14.4 21.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

4.38

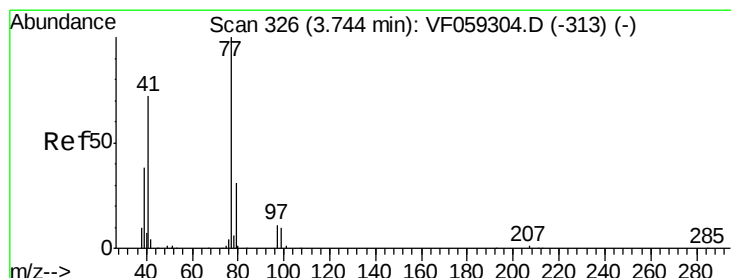
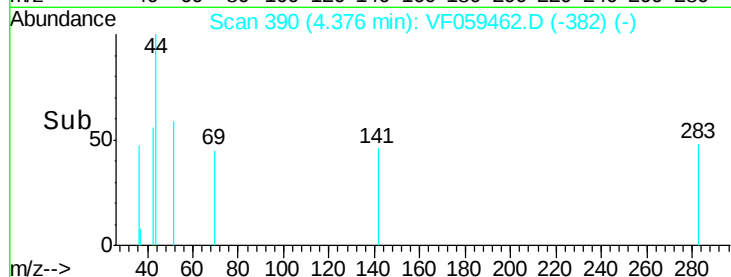
150

100

50

0

Time--> 4.34 4.36 4.38 4.40



#26

2,2-Dichloropropane

Concen: 4.276 ug/l

RT: 3.72 min Scan# 323

Delta R.T. -0.03 min

Lab File: VF059462.D

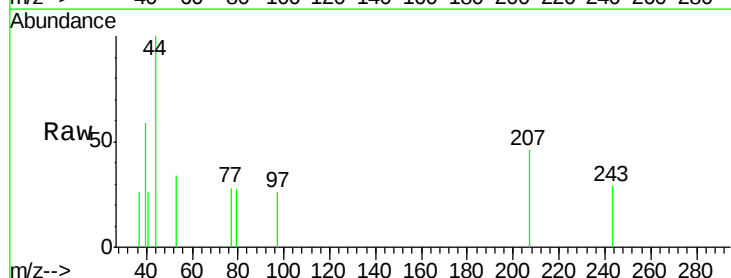
Acq: 6 Jul 2018 21:03

Tgt Ion: 77 Resp: 63

Ion Ratio Lower Upper

77 100

97 96.3 8.0 23.8#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

3.72

120

100

80

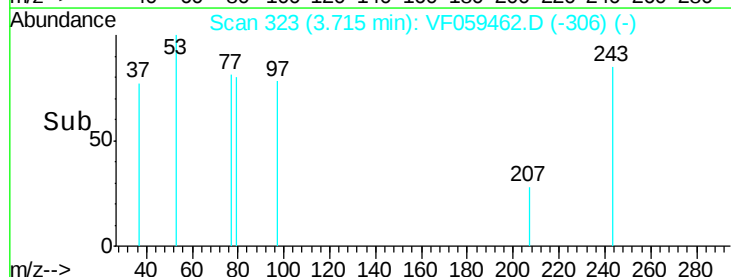
60

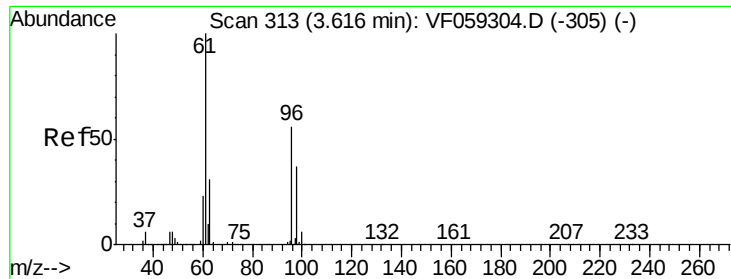
40

20

0

Time--> 3.68 3.70 3.72 3.74



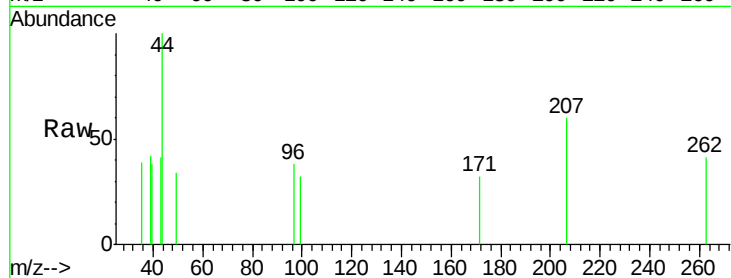


#27

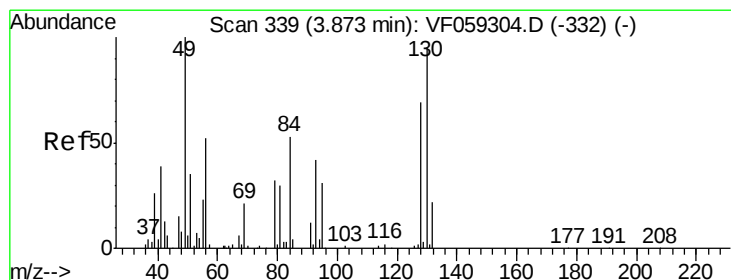
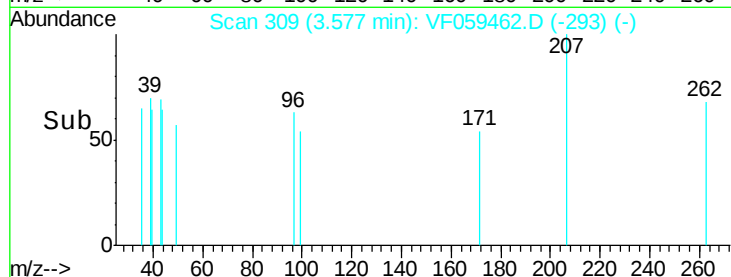
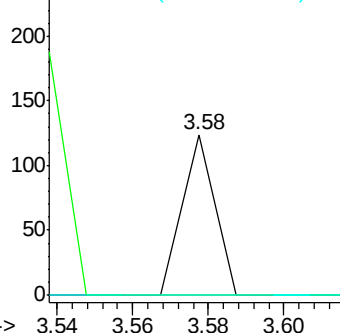
cis-1,2-Dichloroethene
Concen: 5.438 ug/l
RT: 3.58 min Scan# 309
Delta R.T. -0.04 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

Instrument :
MSVOA_F
ClientSampled :
S-8(5.5-6)

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	355.4
98	0.0	0.0	131.0



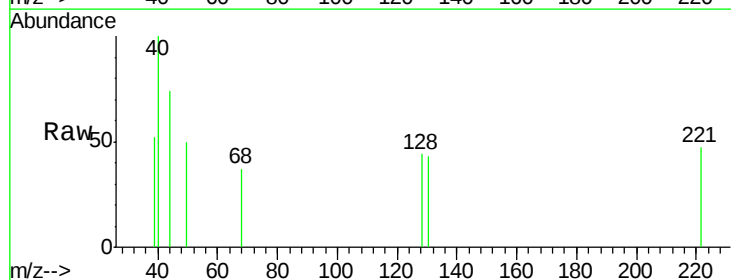
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



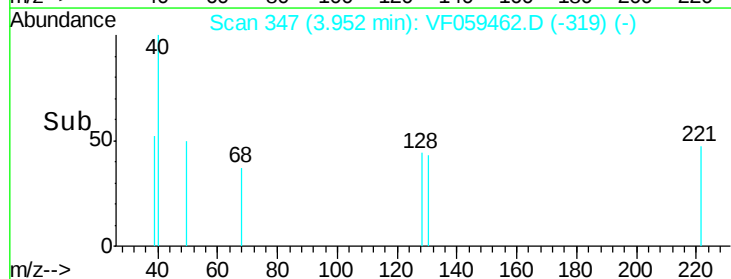
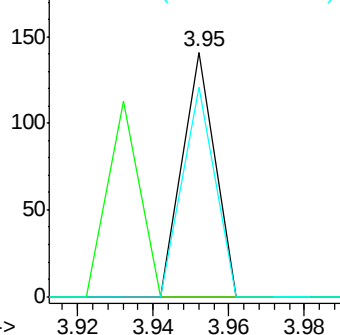
#28

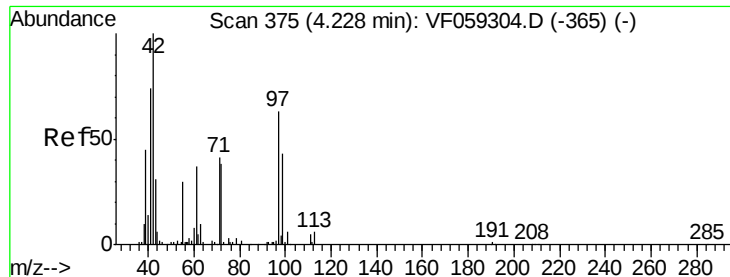
Bromochloromethane
Concen: 6.417 ug/l
RT: 3.95 min Scan# 347
Delta R.T. 0.08 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.4
130	85.8	75.1	112.7



Abundance Ion 49.00 (48.70 to 49.70): VF0
Ion 129.00 (128.70 to 129.70): V
Ion 130.00 (129.70 to 130.70): V

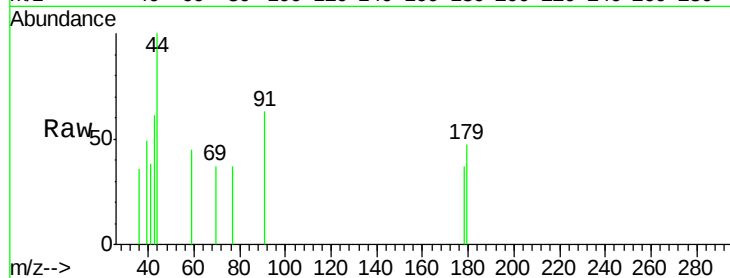




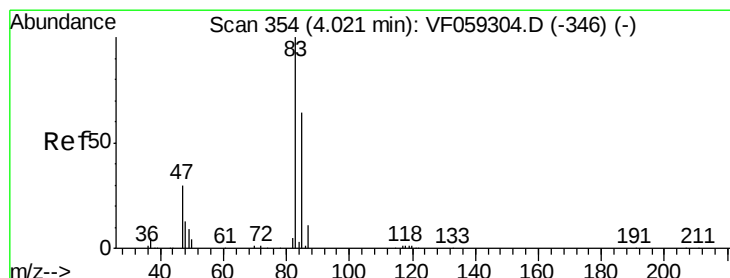
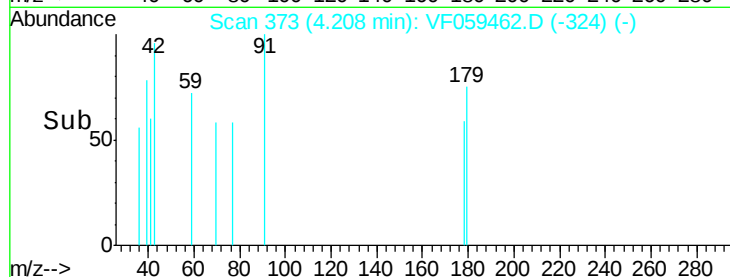
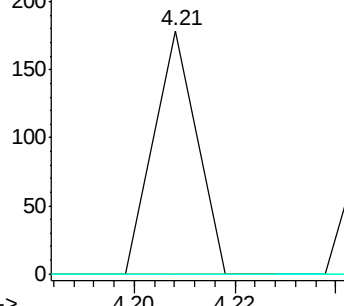
#29
Tetrahydrofuran
Concen: 37.851 ug/l
RT: 4.21 min Scan# 373
Delta R.T. -0.02 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

Instrument :
MSVOA_F
ClientSampleId :
S-8(5.5-6)

Tot Ion: 42 Resp: 106
Ion Ratio Lower Upper
42 100
72 0.0 30.5 45.7#
71 0.0 32.5 48.7#

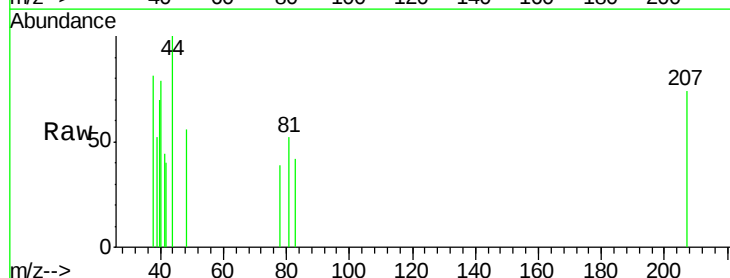


Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0

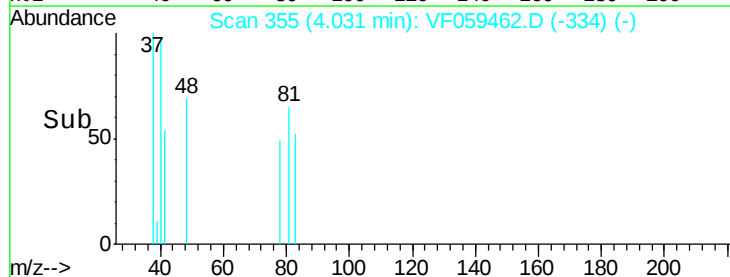
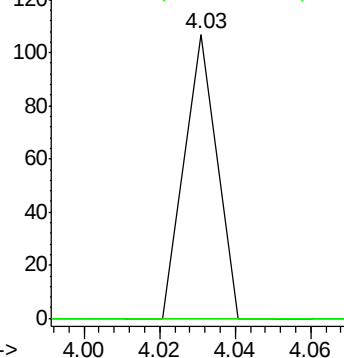


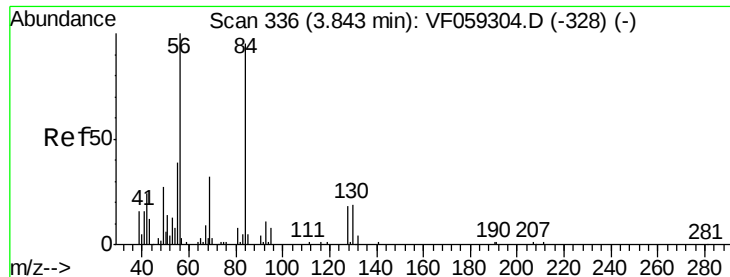
#30
Chloroform
Concen: 2.037 ug/l
RT: 4.03 min Scan# 355
Delta R.T. 0.01 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

Tgt Ion: 83 Resp: 63
Ion Ratio Lower Upper
83 100
85 0.0 51.3 76.9#



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0





#31

Cyclohexane

Concen: 4.430 ug/l

RT: 3.77 min Scan# 329

Delta R.T. -0.07 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

S-8(5.5-6)

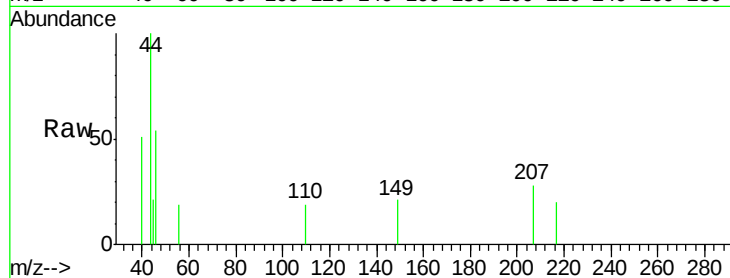
Tot Ion: 56 Resp: 62

Ion Ratio Lower Upper

56 100

69 0.0 25.8 38.8#

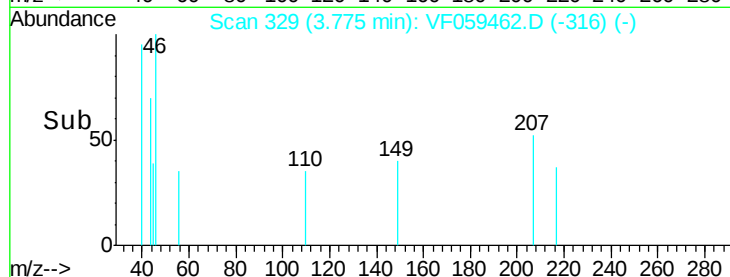
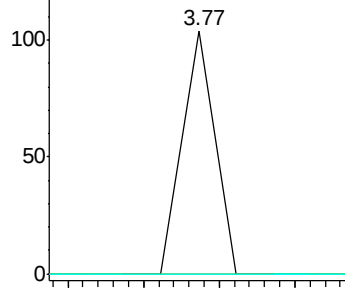
84 0.0 75.6 113.4#



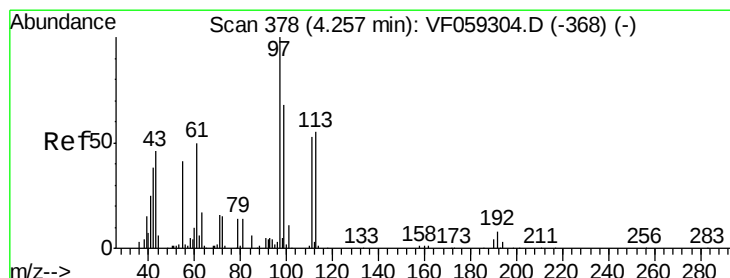
Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



Time-->



#32

1,1,1-Trichloroethane

Concen: 3.491 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.14 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

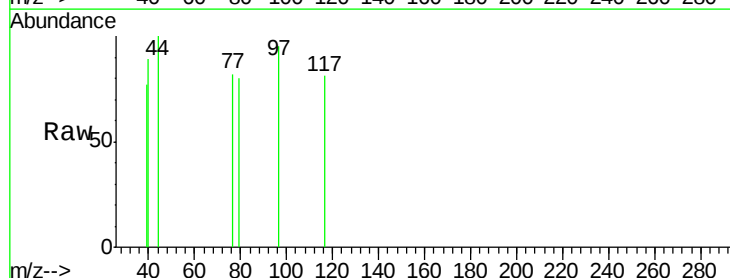
Tgt Ion: 97 Resp: 79

Ion Ratio Lower Upper

97 100

99 0.0 54.1 81.1#

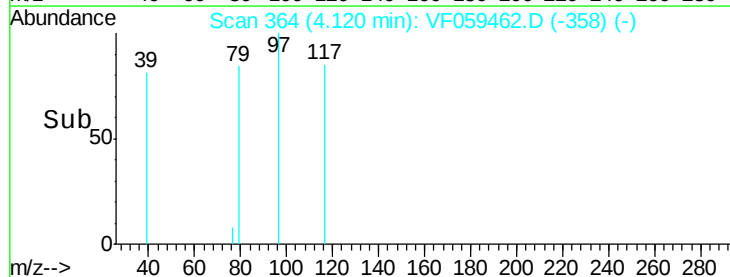
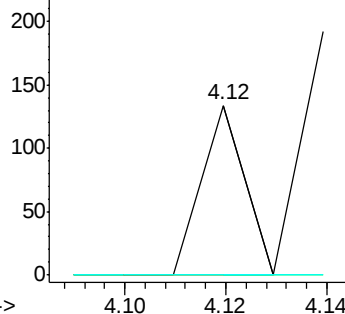
61 0.0 41.2 61.8#



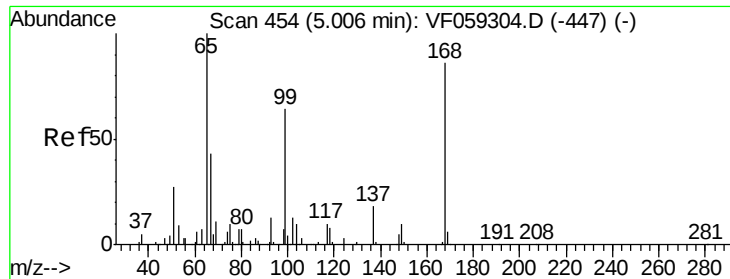
Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



Time-->



#33

1,2-Dichloroethane-d4

Concen: 22.350 ug/l

RT: 4.99 min Scan# 452

Delta R.T. -0.02 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampled :

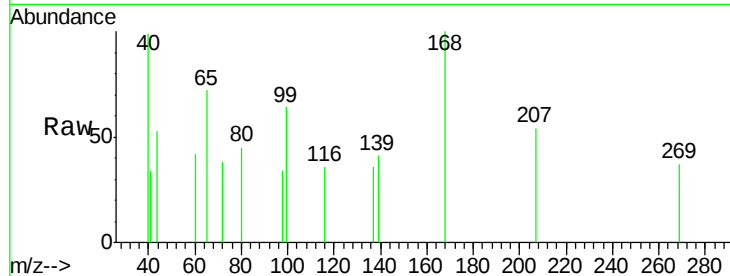
S-8(5.5-6)

Tot Ion: 65 Resp: 406

Ion Ratio Lower Upper

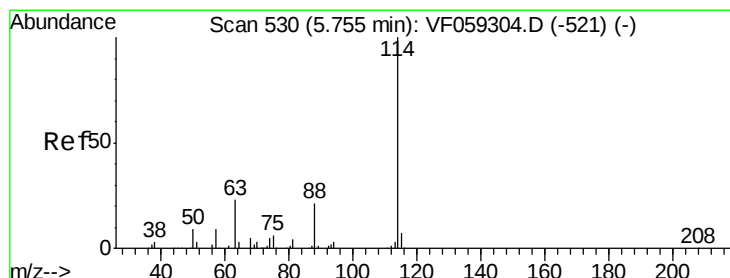
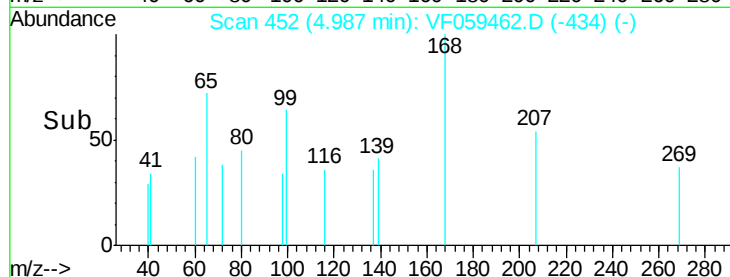
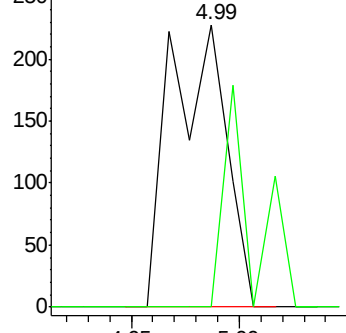
65 100

67 0.0 0.0 96.8



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: 5.73 min Scan# 527

Delta R.T. -0.03 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

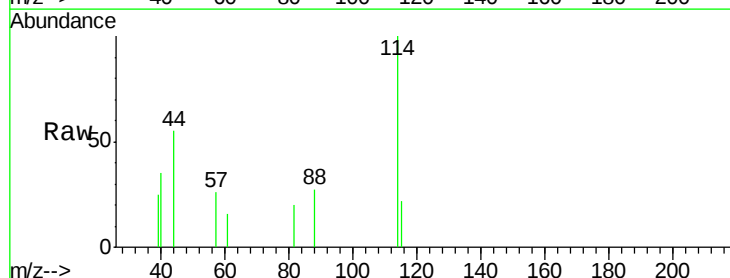
Tgt Ion: 114 Resp: 2029

Ion Ratio Lower Upper

114 100

63 0.0 0.0 45.8

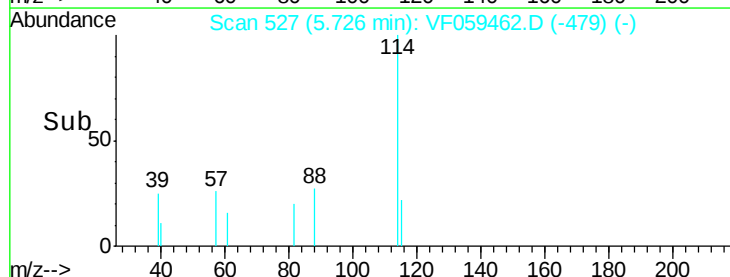
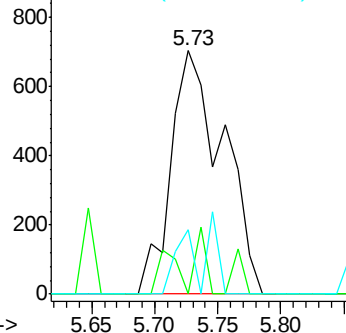
88 26.7 0.0 41.2

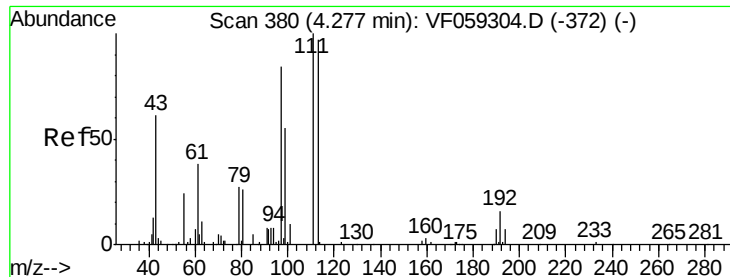


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

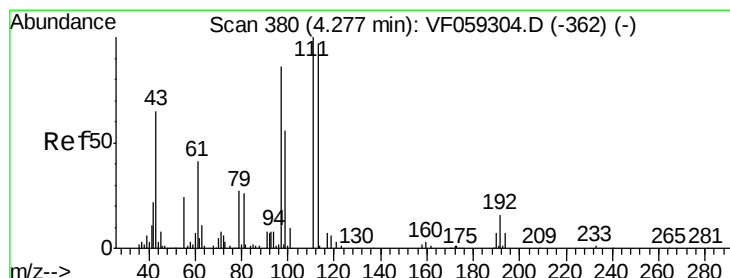
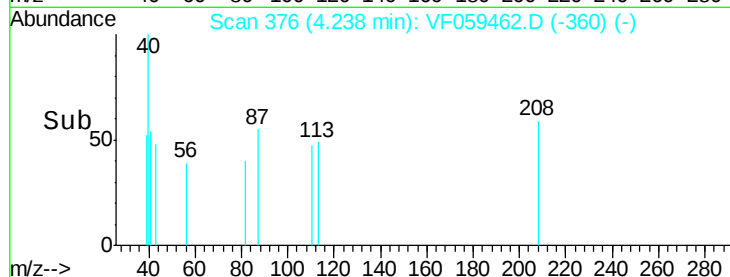
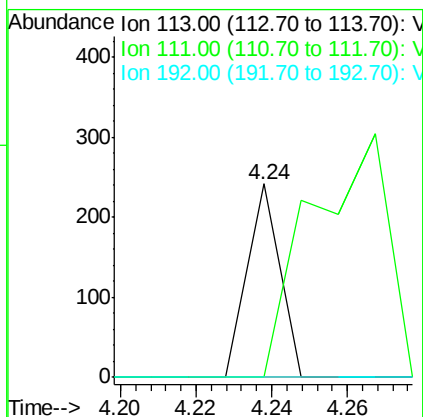
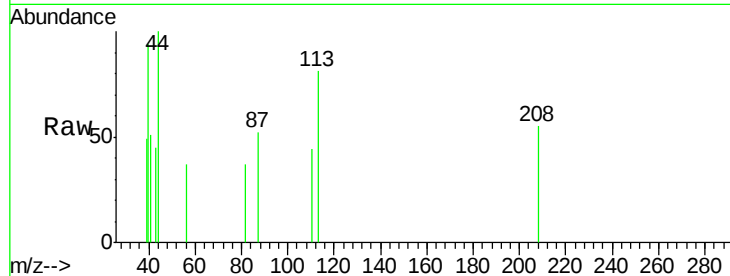




#35
Dibromofluoromethane
Concen: 9.646 ug/l
RT: 4.24 min Scan# 376
Delta R.T. -0.04 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

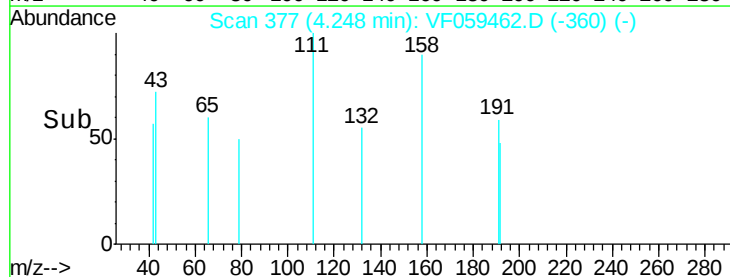
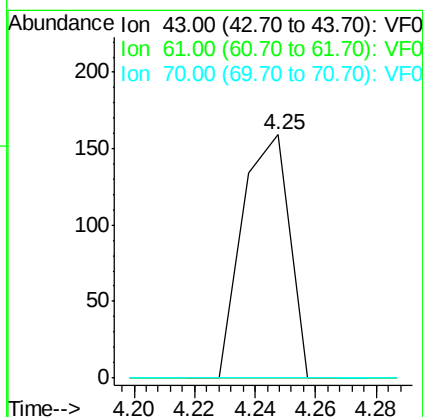
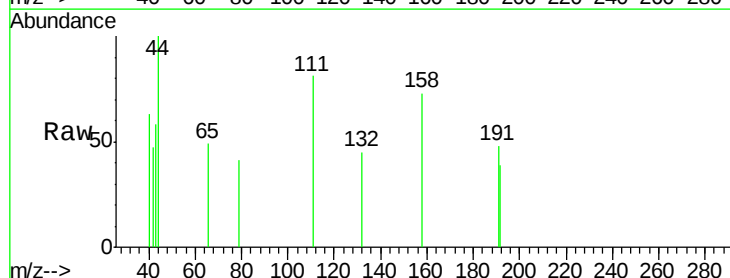
Instrument :
MSVOA_F
ClientSampleId :
S-8(5.5-6)

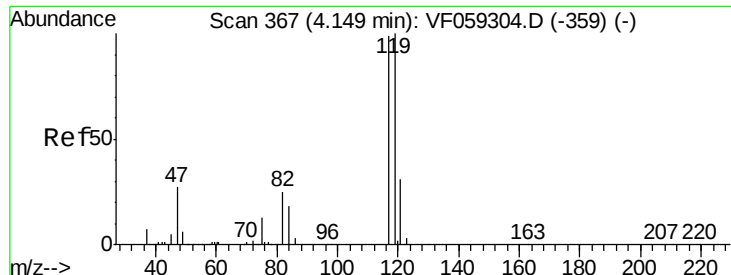
Tot Ion:113 Resp: 143
Ion Ratio Lower Upper
113 100
111 0.0 82.1 123.1#
192 0.0 13.0 19.6#



#37
Ethyl Acetate
Concen: 14.197 ug/l
RT: 4.25 min Scan# 377
Delta R.T. -0.03 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
61 0.0 50.1 75.1#
70 0.0 6.2 9.4#

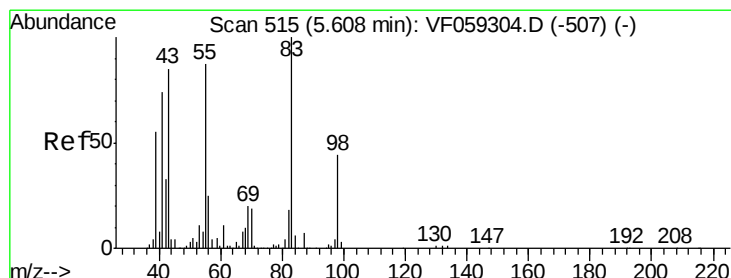
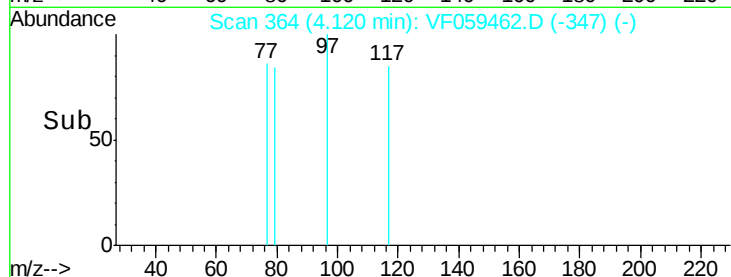
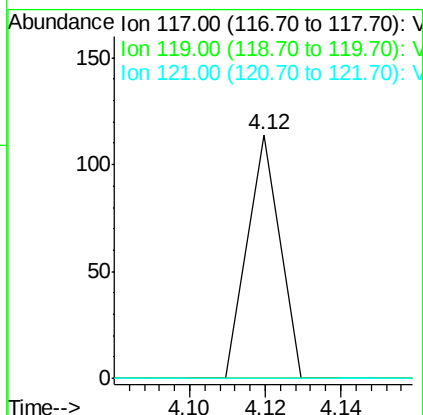
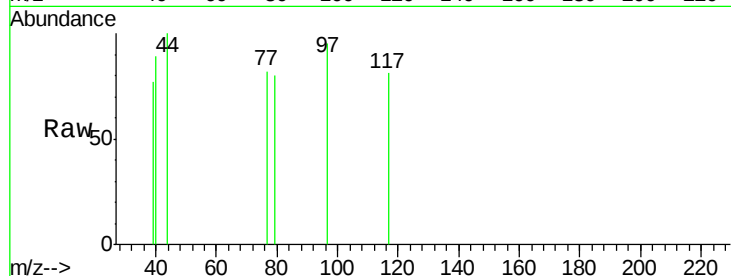




#38
Carbon Tetrachloride
Concen: 2.995 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.03 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

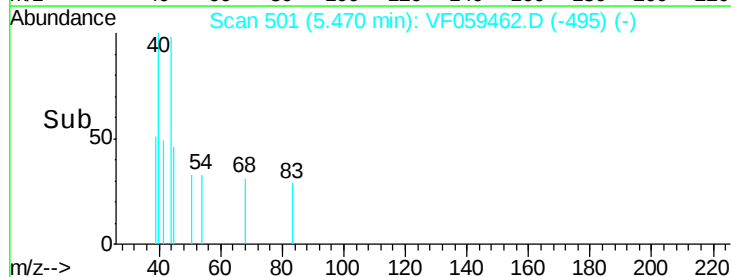
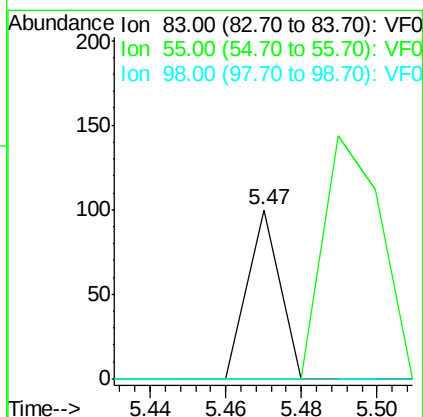
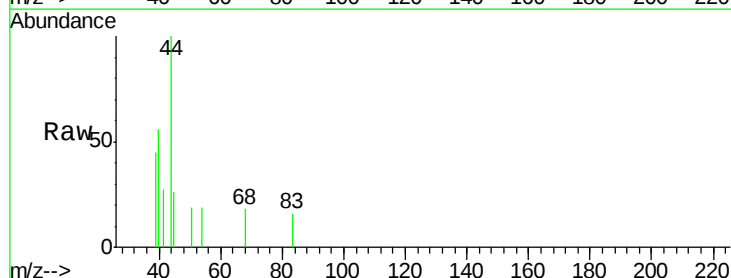
Instrument :
MSVOA_F
ClientSampleId :
S-8(5.5-6)

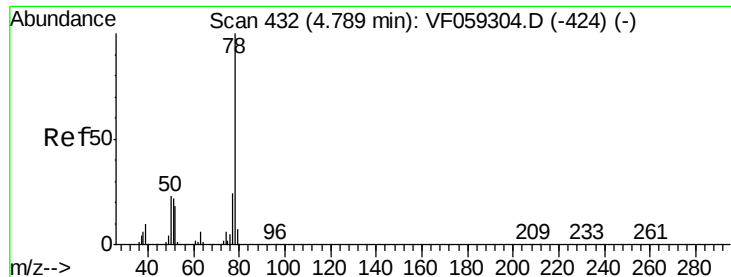
Tot Ion:117 Resp: 67
Ion Ratio Lower Upper
117 100
119 0.0 81.0 121.4#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 3.756 ug/l
RT: 5.47 min Scan# 501
Delta R.T. -0.14 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

Tgt Ion: 83 Resp: 59
Ion Ratio Lower Upper
83 100
55 0.0 69.2 103.8#
98 0.0 35.0 52.6#





#40

Benzene

Concen: 2.545 ug/l

RT: 4.80 min Scan# 433

Delta R.T. 0.01 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

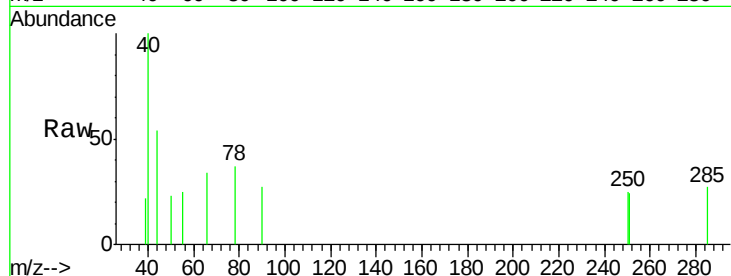
S-8(5.5-6)

Tot Ion: 78 Resp: 100

Ion Ratio Lower Upper

78 100

77 0.0 19.6 29.4#



Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0

4.80

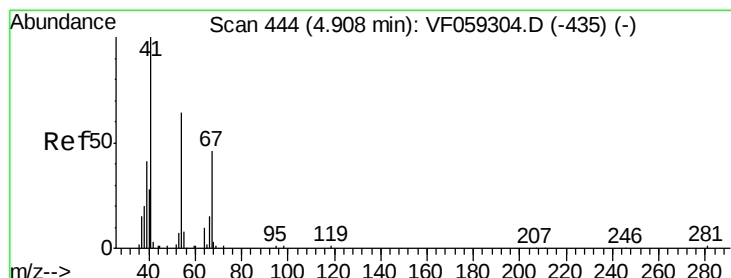
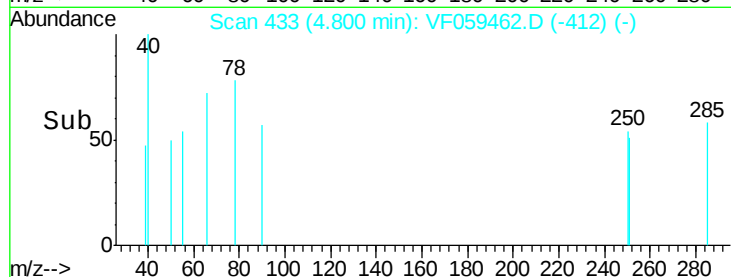
150

100

50

0

Time-->



#41

Methacrylonitrile

Concen: 12.735 ug/l

RT: 4.91 min Scan# 444

Delta R.T. 0.00 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Tgt Ion: 41 Resp: 77

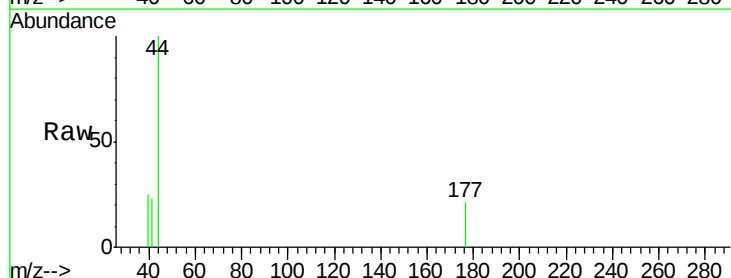
Ion Ratio Lower Upper

41 100

39 0.0 50.0 75.0#

67 0.0 37.0 55.6#

52 0.0 37.1 55.7#



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

250

200

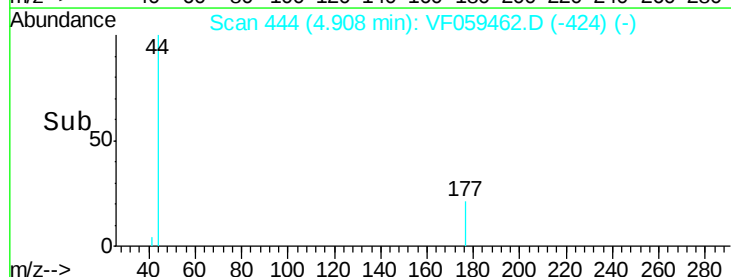
150

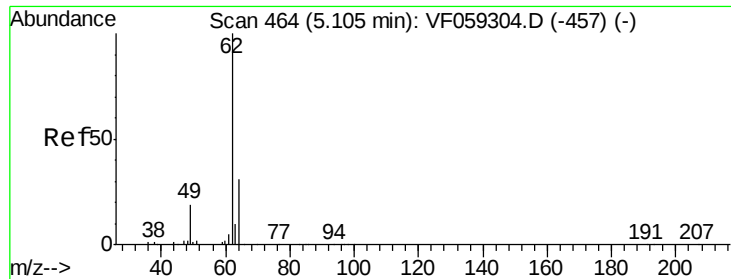
100

50

0

Time-->





#42

1,2-Dichloroethane

Concen: 2.918 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.05 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

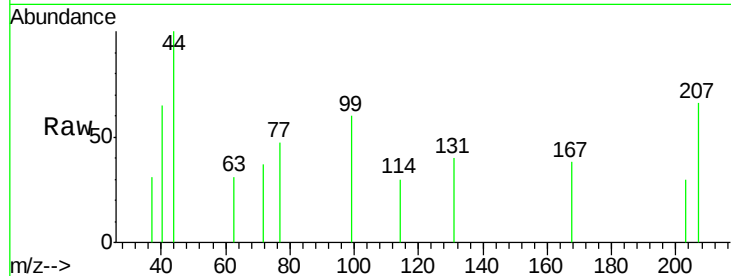
S-8(5.5-6)

Tot Ion: 62 Resp: 67

Ion Ratio Lower Upper

62 100

98 0.0 0.0 11.4



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

5.06

120

100

80

60

40

20

0

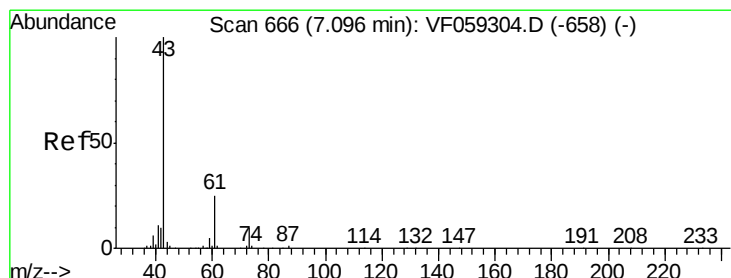
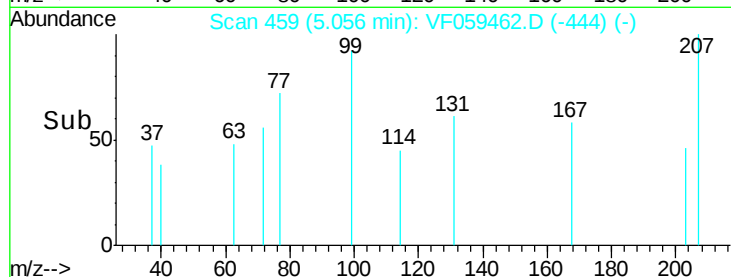
Time-->

5.02

5.04

5.06

5.08



#43

Isopropyl Acetate

Concen: 31.225 ug/l

RT: 7.05 min Scan# 661

Delta R.T. -0.05 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

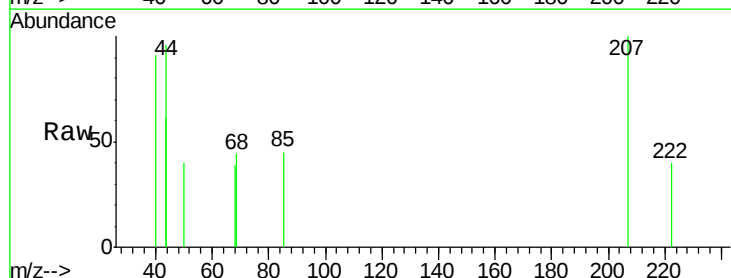
Tgt Ion: 43 Resp: 461

Ion Ratio Lower Upper

43 100

61 0.0 19.7 29.5#

87 0.0 0.5 0.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

200

150

100

50

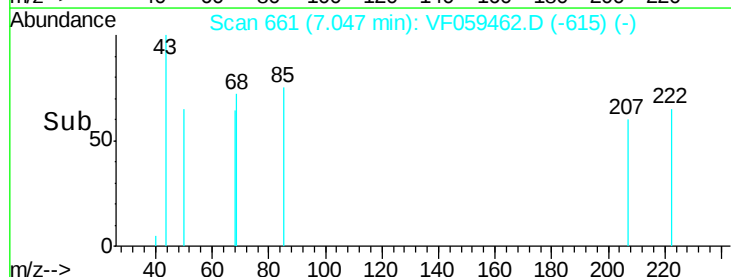
0

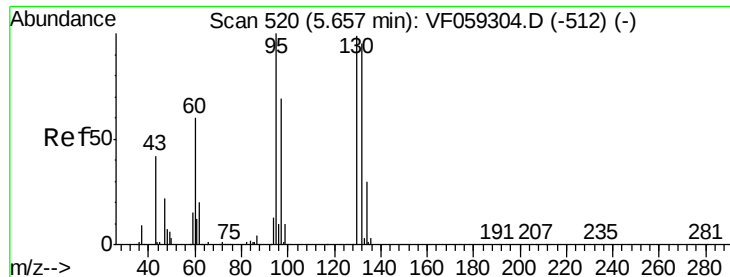
Time-->

7.00

7.05

7.10





#44

Trichloroethene

Concen: 4.525 ug/l

RT: 5.60 min Scan# 514

Delta R.T. -0.06 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

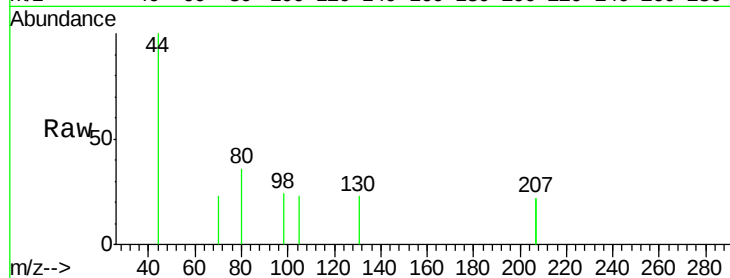
S-8(5.5-6)

Tot Ion:130 Resp: 61

Ion Ratio Lower Upper

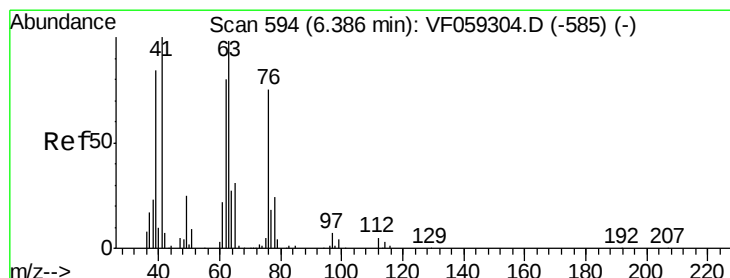
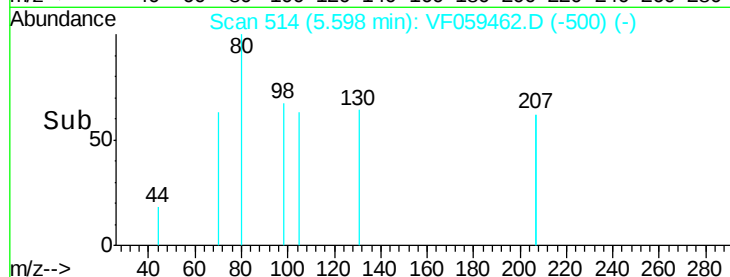
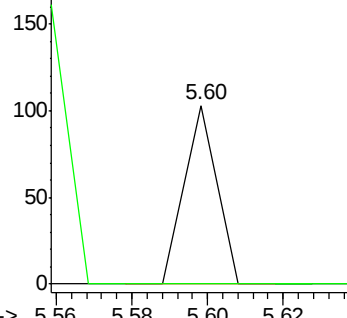
130 100

95 0.0 0.0 202.4



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0



#45

1,2-Dichloropropane

Concen: 8.104 ug/l

RT: 6.24 min Scan# 579

Delta R.T. -0.15 min

Lab File: VF059462.D

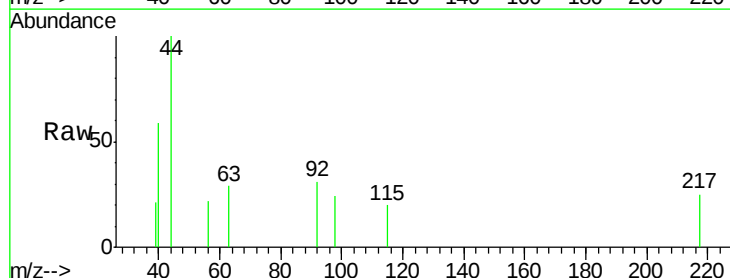
Acq: 6 Jul 2018 21:03

Tgt Ion: 63 Resp: 91

Ion Ratio Lower Upper

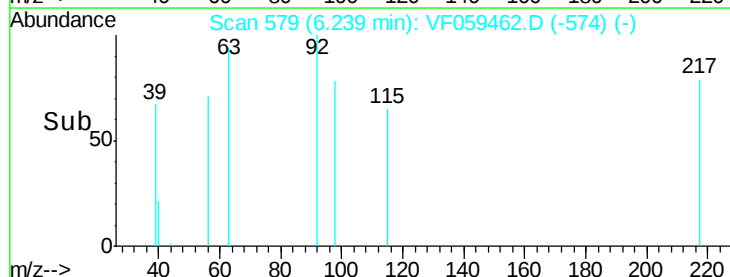
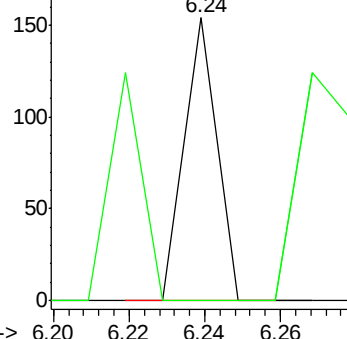
63 100

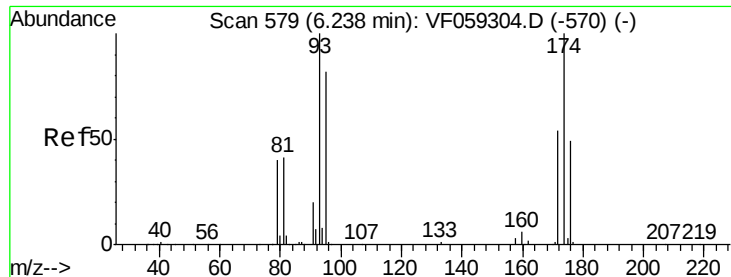
65 0.0 25.3 37.9#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

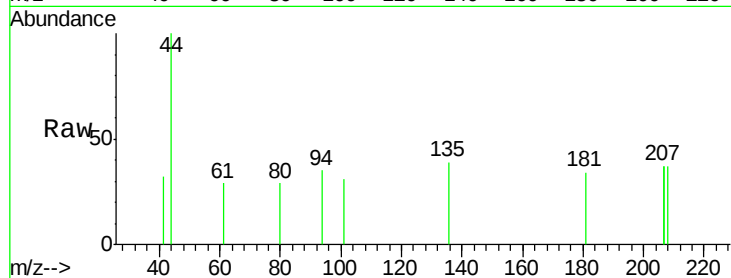




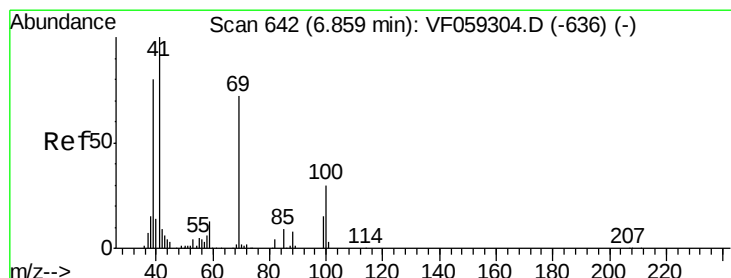
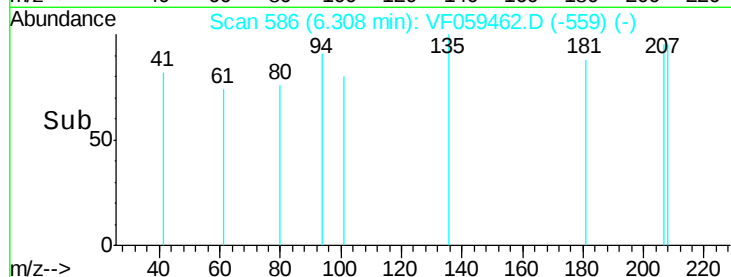
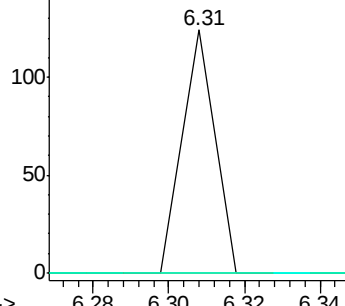
#46
Dibromomethane
Concen: 7.491 ug/l
RT: 6.31 min Scan# 586
Delta R.T. 0.07 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

Instrument :
MSVOA_F
ClientSampleId :
S-8(5.5-6)

Tot Ion: 93 Resp: 73
Ion Ratio Lower Upper
93 100
95 0.0 65.6 98.4#
174 0.0 80.0 120.0#

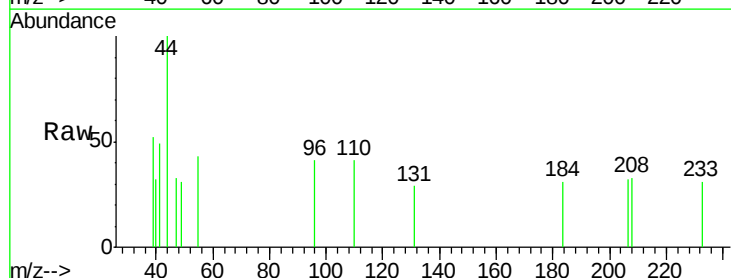


Abundance Ion 93.00 (92.70 to 93.70): VF0
Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V

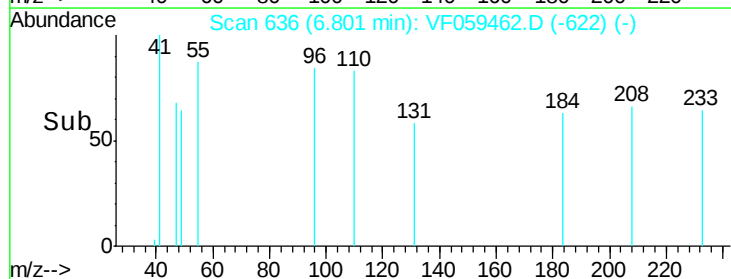
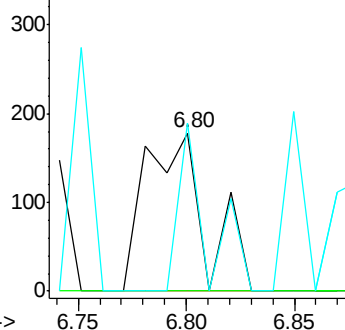


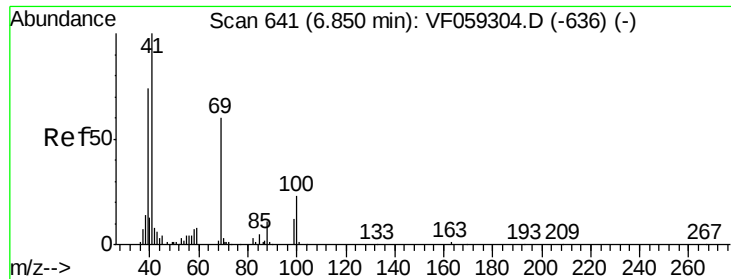
#48
Methyl methacrylate
Concen: 35.068 ug/l
RT: 6.80 min Scan# 636
Delta R.T. -0.06 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

Tgt Ion: 41 Resp: 347
Ion Ratio Lower Upper
41 100
69 0.0 57.3 85.9#
39 106.7 64.4 96.6#



Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 69.00 (68.70 to 69.70): VF0
Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 1538.151 ug/l

RT: 6.60 min Scan# 616

Delta R.T. -0.25 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

S-8(5.5-6)

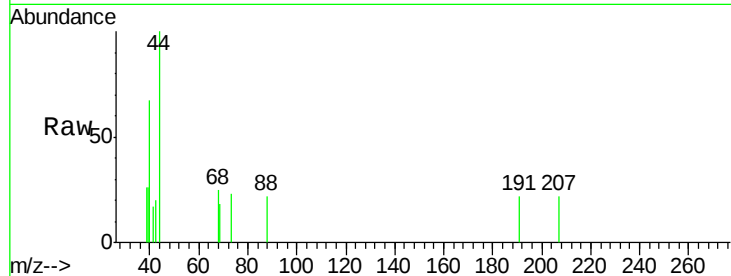
Tot Ion: 88 Resp: 80

Ion Ratio Lower Upper

88 100

43 0.0 50.6 75.8#

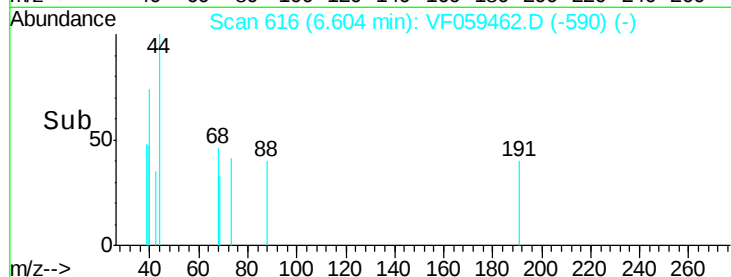
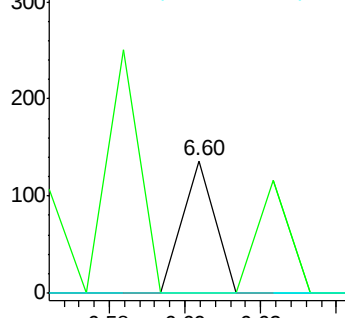
58 0.0 46.6 69.8#



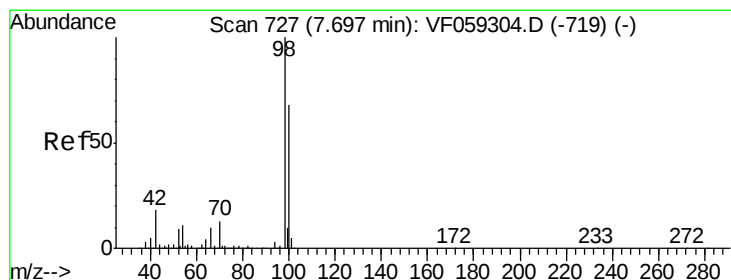
Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->



#50

Toluene-d8

Concen: 46.914 ug/l

RT: 7.67 min Scan# 724

Delta R.T. -0.03 min

Lab File: VF059462.D

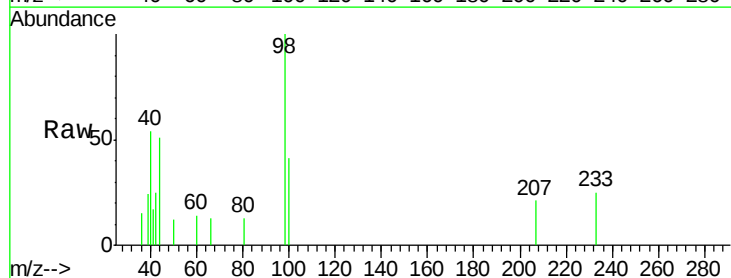
Acq: 6 Jul 2018 21:03

Tgt Ion: 98 Resp: 1722

Ion Ratio Lower Upper

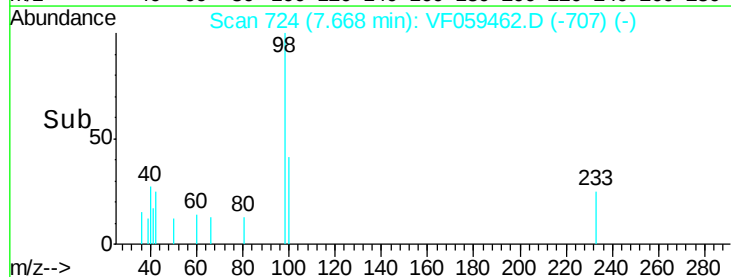
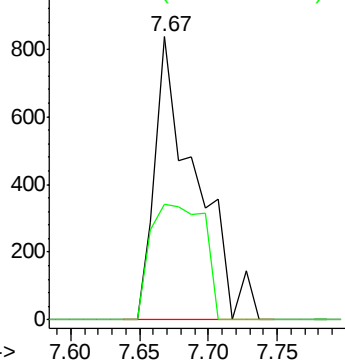
98 100

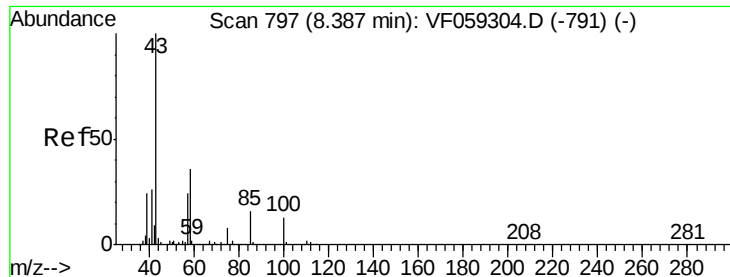
100 40.7 54.6 82.0#



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 24.502 ug/l

RT: 8.39 min Scan# 797

Delta R.T. 0.00 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

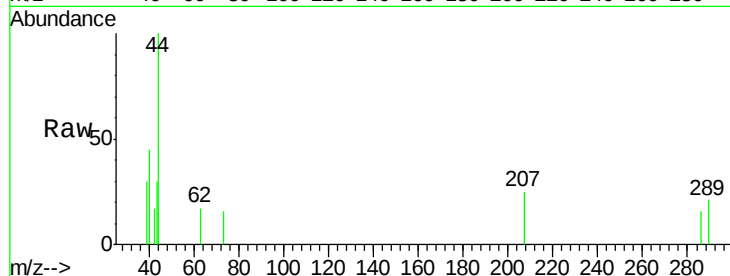
S-8(5.5-6)

Tot Ion: 43 Resp: 268

Ion Ratio Lower Upper

43 100

58 0.0 28.4 42.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.39

150

100

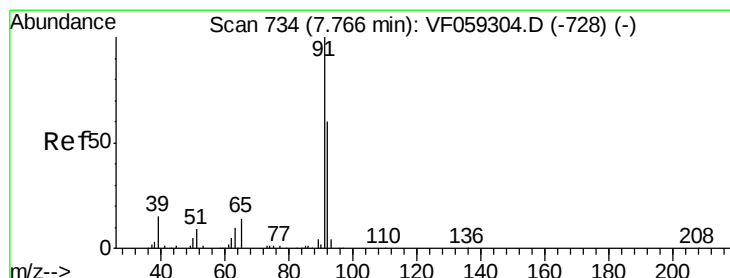
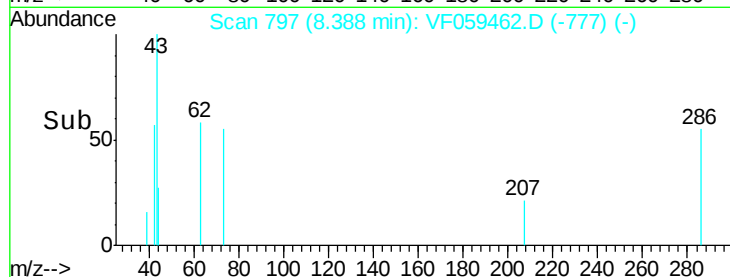
50

0

8.35

8.40

Time-->



#52

Toluene

Concen: 2.176 ug/l

RT: 7.72 min Scan# 729

Delta R.T. -0.05 min

Lab File: VF059462.D

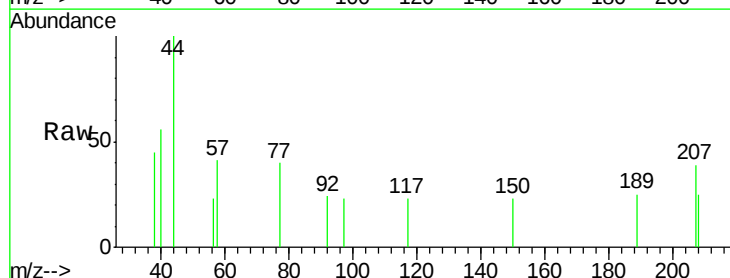
Acq: 6 Jul 2018 21:03

Tgt Ion: 92 Resp: 64

Ion Ratio Lower Upper

92 100

91 0.0 132.8 199.2#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.72

150

100

50

0

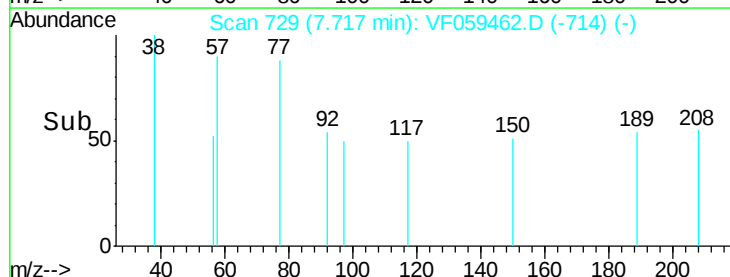
7.68

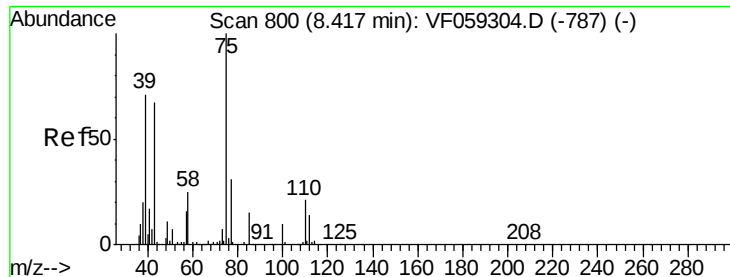
7.70

7.72

7.74

Time-->





#53

t-1,3-Dichloropropene

Concen: 2.883 ug/l

RT: 8.31 min Scan# 789

Delta R.T. -0.11 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

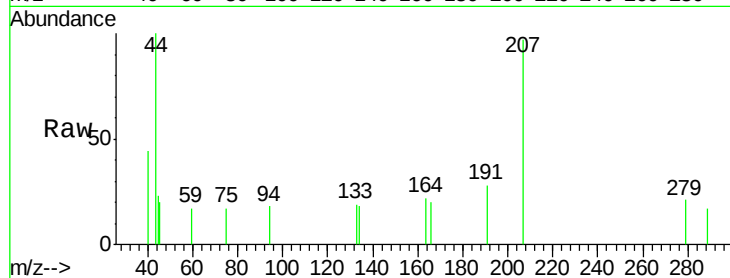
S-8(5.5-6)

Tot Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

77 0.0 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

8.31

100

80

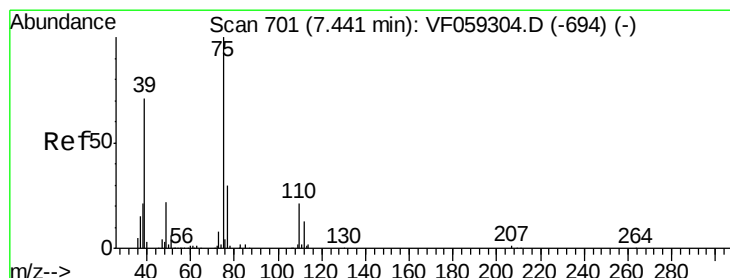
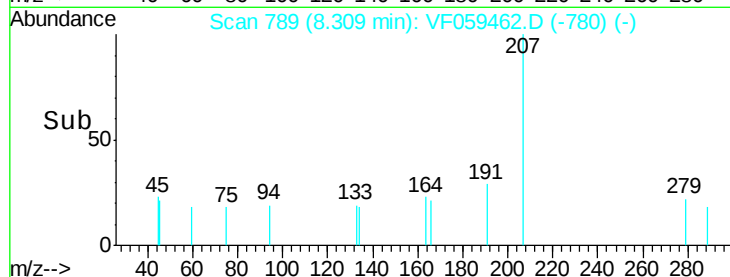
60

40

20

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 3.040 ug/l

RT: 7.31 min Scan# 688

Delta R.T. -0.13 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

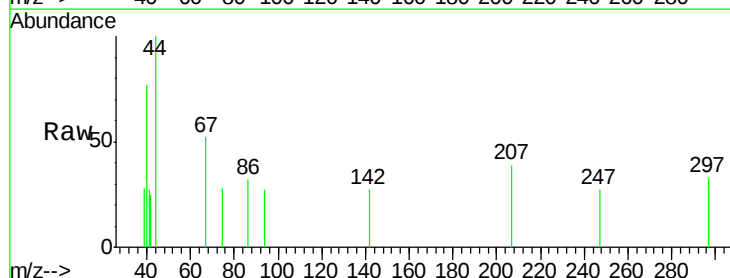
Tgt Ion: 75 Resp: 71

Ion Ratio Lower Upper

75 100

77 0.0 24.3 36.5#

39 100.8 57.2 85.8#



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

150

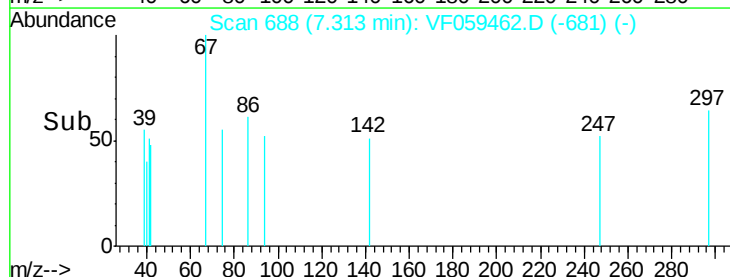
100

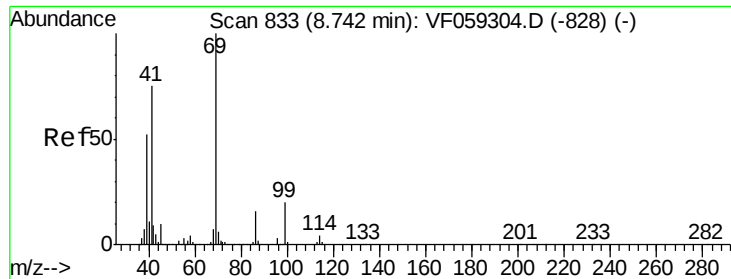
7.31

50

0

Time-->





#56

Ethyl methacrylate

Concen: 8.060 ug/l

RT: 8.59 min Scan# 818

Delta R.T. -0.15 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

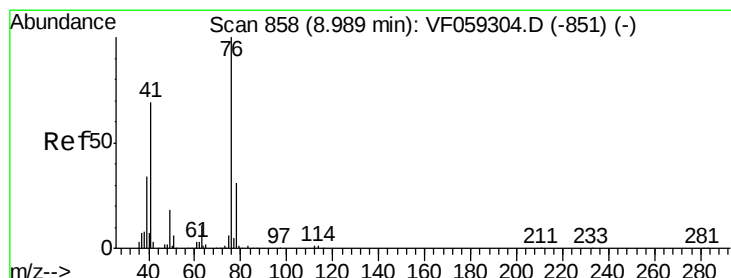
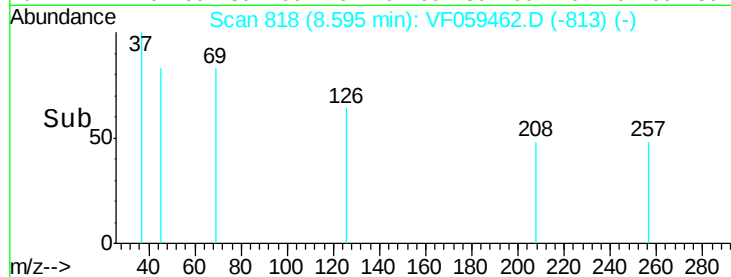
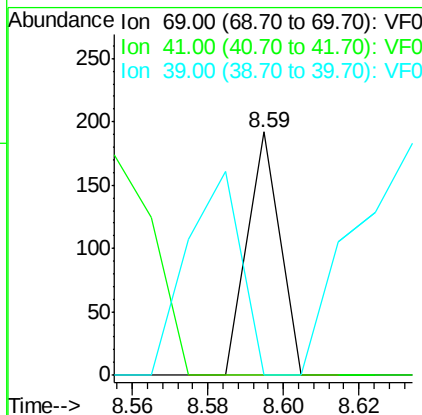
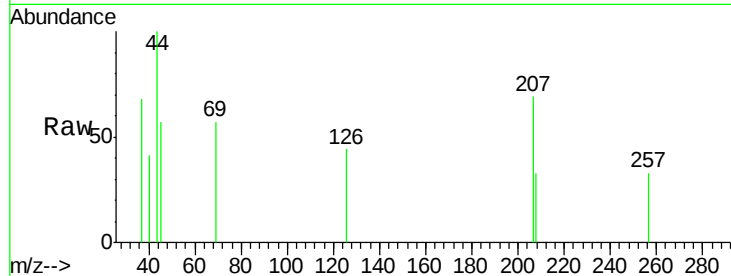
Instrument :

MSVOA_F

ClientSampled :

S-8(5.5-6)

Tot Ion:	69.00	Resp:	114
Ion	Ratio	Lower	Upper
69	100		
41	0.0	60.3	90.5#
39	0.0	42.2	63.4#



#57

1,3-Dichloropropane

Concen: 3.166 ug/l

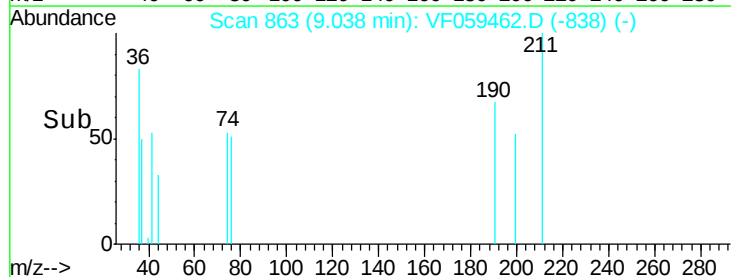
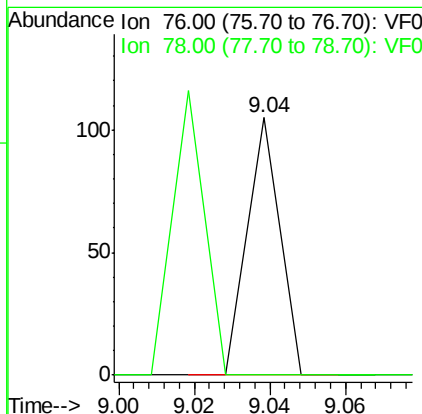
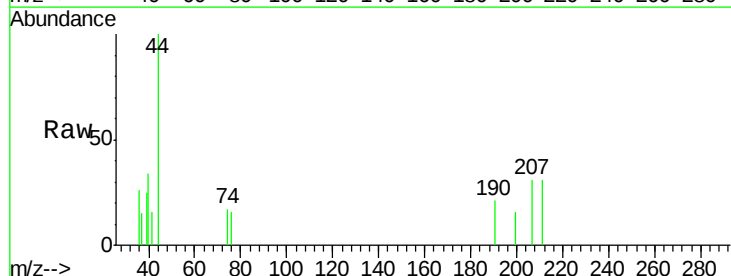
RT: 9.04 min Scan# 863

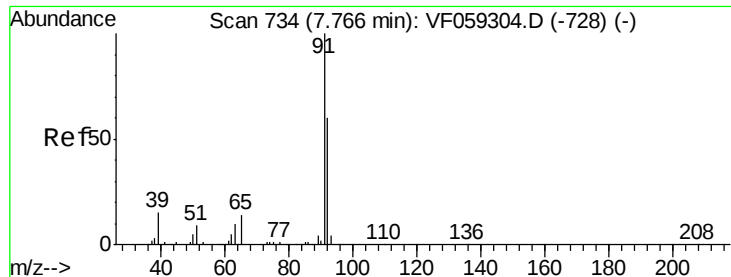
Delta R.T. 0.05 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Tgt Ion:	76.00	Resp:	62
Ion	Ratio	Lower	Upper
76	100		
78	0.0	24.9	37.3#





#58

2-Chloroethyl Vinyl ether

Concen: 65.988 ug/l

RT: 7.75 min Scan# 732

Delta R.T. -0.02 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampled :

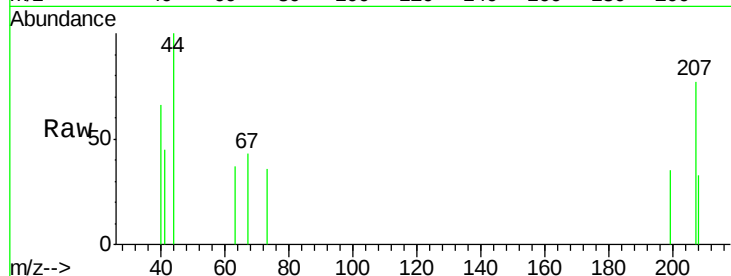
S-8(5.5-6)

Tot Ion: 63 Resp: 70

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

7.75

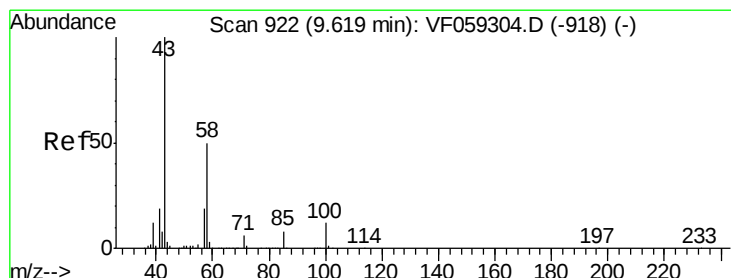
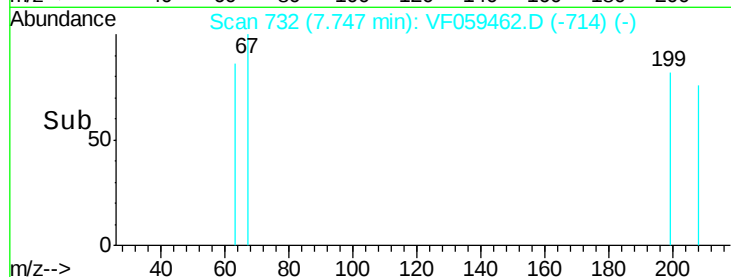
100

50

0

Time-->

7.72 7.74 7.76 7.78



#59

2-Hexanone

Concen: 21.032 ug/l

RT: 9.54 min Scan# 914

Delta R.T. -0.08 min

Lab File: VF059462.D

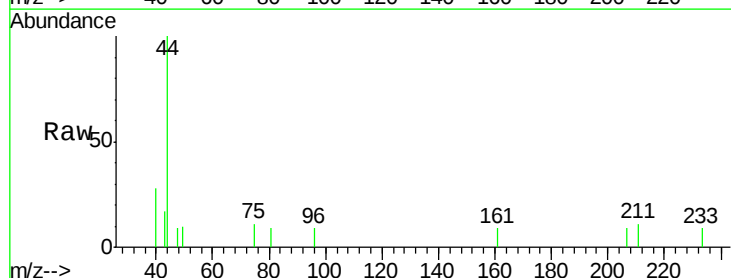
Acq: 6 Jul 2018 21:03

Tgt Ion: 43 Resp: 300

Ion Ratio Lower Upper

43 100

58 0.0 23.3 69.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.54

200

150

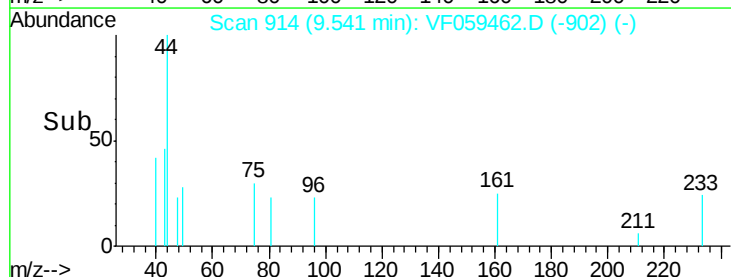
100

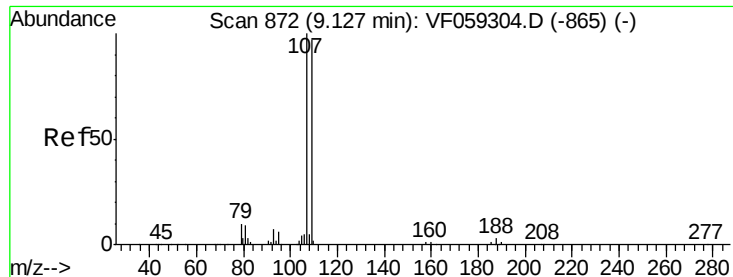
50

0

Time-->

9.50 9.52 9.54 9.56





#61

1,2-Dibromoethane

Concen: 5.850 ug/l

RT: 9.19 min Scan# 878

Delta R.T. 0.06 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

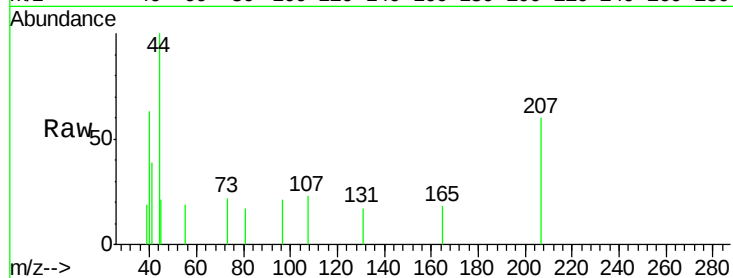
S-8(5.5-6)

Tot Ion:107 Resp: 81

Ion Ratio Lower Upper

107 100

109 0.0 77.3 115.9#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.19

150

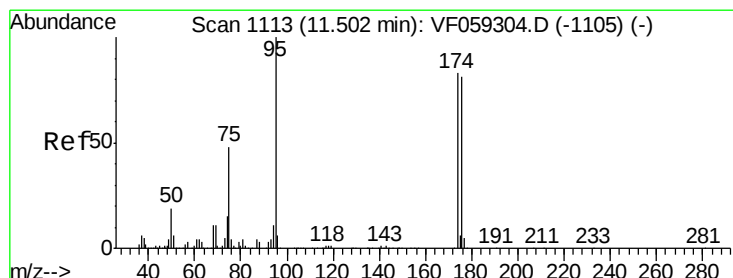
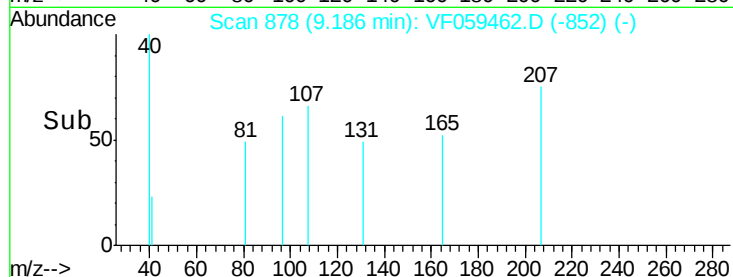
100

50

0

9.16 9.18 9.20 9.22

Time-->



#62

4-Bromofluorobenzene

Concen: 20.671 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

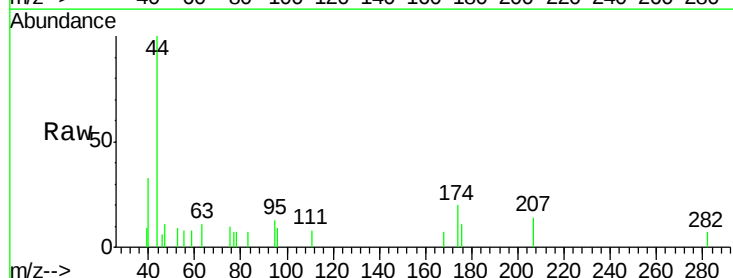
Tgt Ion: 95 Resp: 428

Ion Ratio Lower Upper

95 100

174 153.3 0.0 165.2

176 81.0 0.0 161.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

400

300

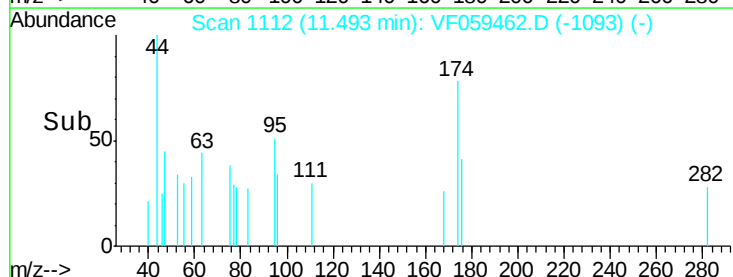
200

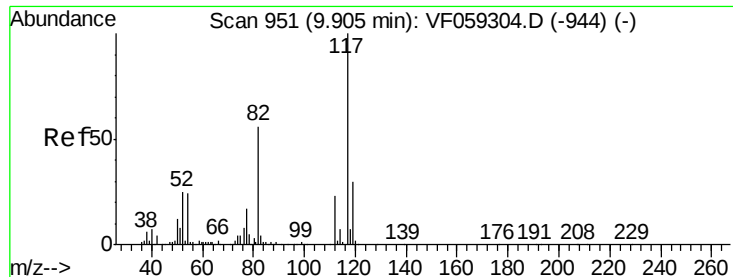
100

0

11.45 11.50 11.55

Time-->

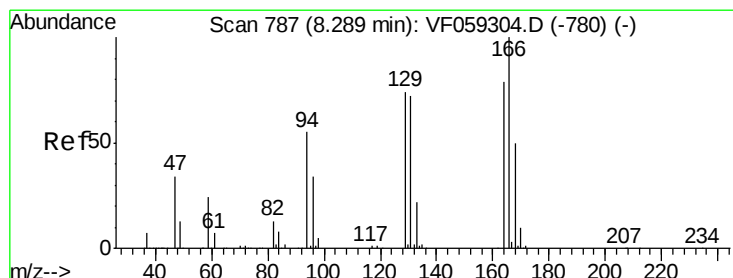
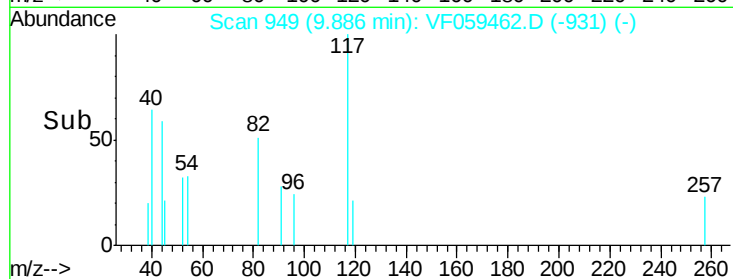
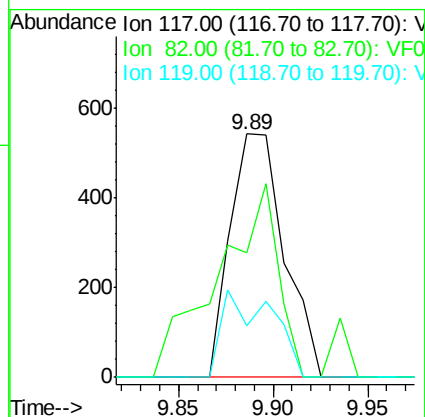
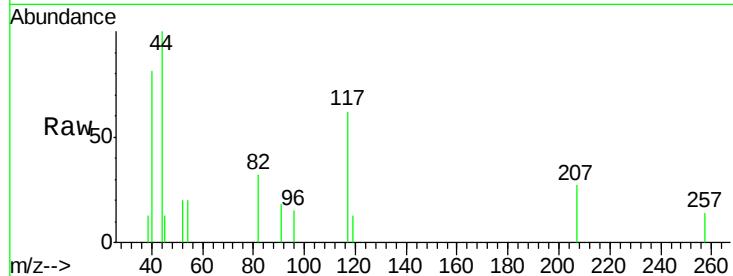




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

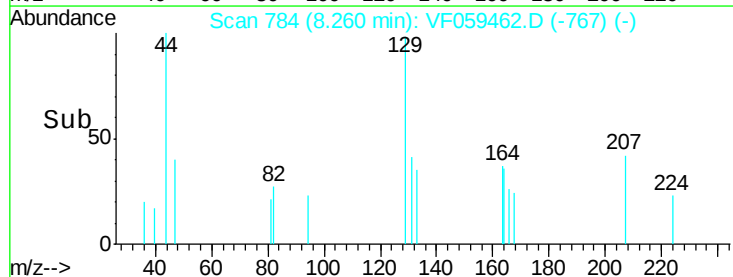
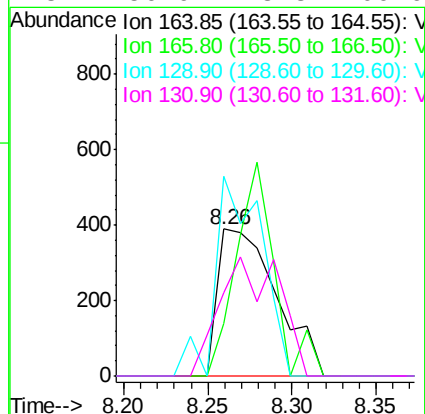
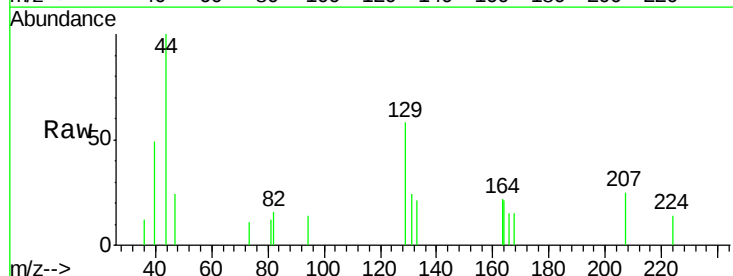
Instrument :
MSVOA_F
ClientSampleId :
S-8(5.5-6)

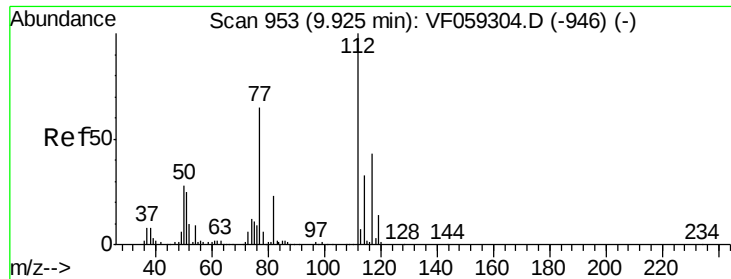
Tot Ion:117 Resp: 1072
Ion Ratio Lower Upper
117 100
82 51.3 44.6 66.8
119 21.0 24.1 36.1#



#64
Tetrachloroethene
Concen: 136.061 ug/l
RT: 8.26 min Scan# 784
Delta R.T. -0.03 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

Tgt Ion:164 Resp: 946
Ion Ratio Lower Upper
164 100
166 35.4 101.1 151.7#
129 135.4 75.0 112.4#
131 56.9 73.3 109.9#

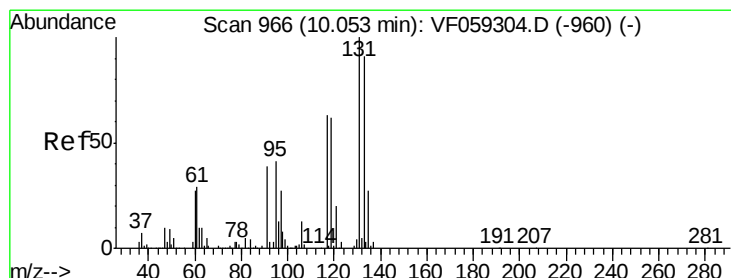
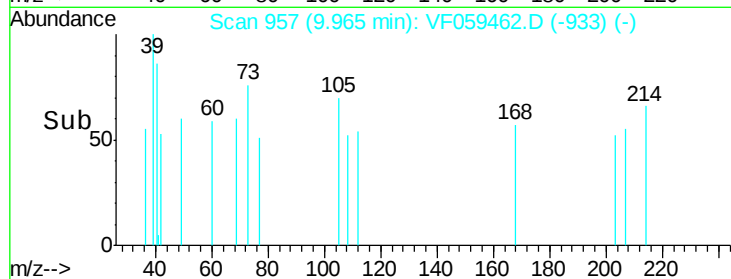
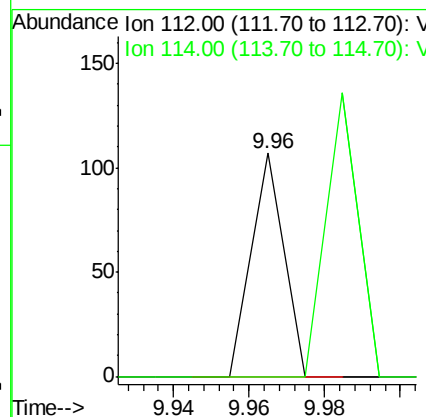
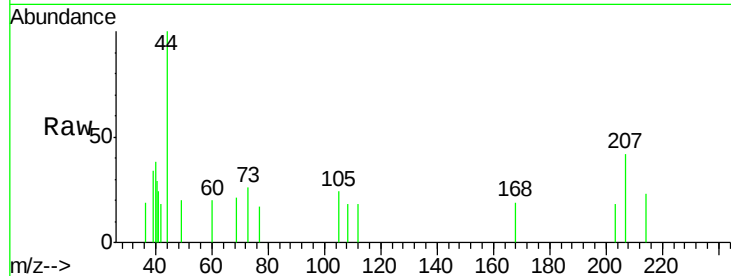




#65
Chlorobenzene
Concen: 3.172 ug/l
RT: 9.96 min Scan# 957
Delta R.T. 0.04 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

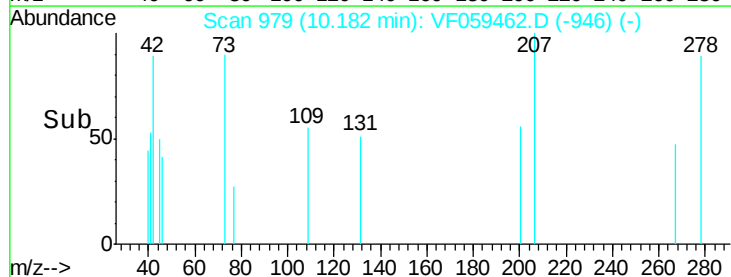
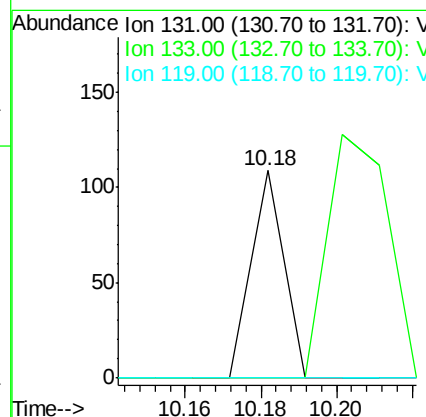
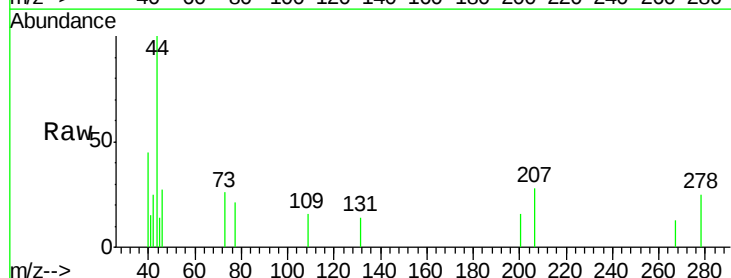
Instrument :
MSVOA_F
ClientSampled :
S-8(5.5-6)

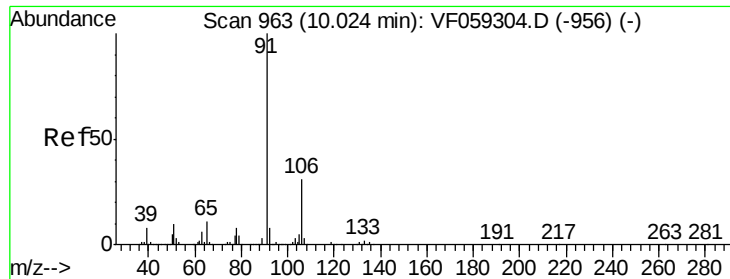
Tot Ion:112 Resp: 63
Ion Ratio Lower Upper
112 100
114 0.0 26.5 39.7#



#66
1,1,1,2-Tetrachloroethane
Concen: 7.449 ug/l
RT: 10.18 min Scan# 979
Delta R.T. 0.13 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

Tgt Ion:131 Resp: 64
Ion Ratio Lower Upper
131 100
133 0.0 45.3 135.9#
119 0.0 31.3 93.9#





#67

Ethyl Benzene

Concen: 2.700 ug/l

RT: 9.89 min Scan# 949

Delta R.T. -0.14 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

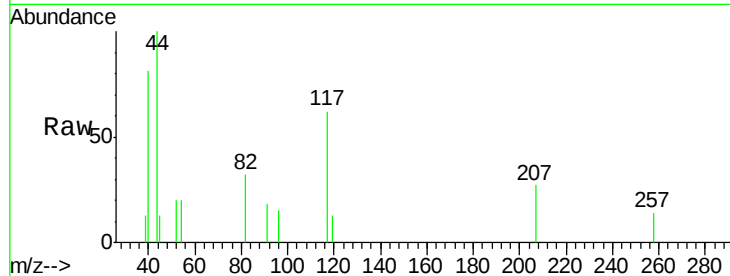
S-8(5.5-6)

Tot Ion: 91 Resp: 91

Ion Ratio Lower Upper

91 100

106 0.0 24.8 37.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

9.89

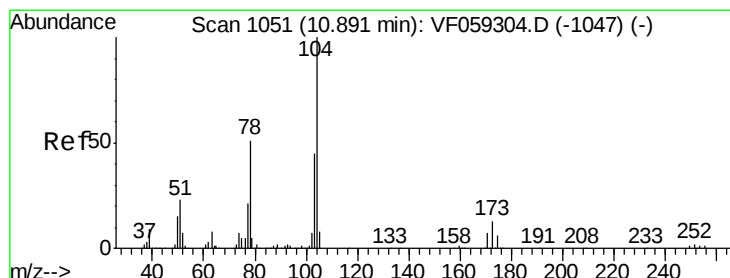
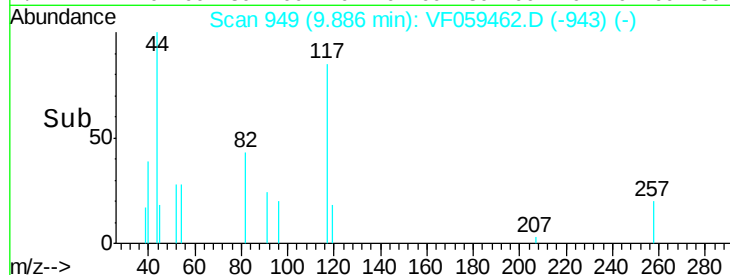
150

100

50

0

Time-->



#70

Styrene

Concen: 3.327 ug/l

RT: 11.04 min Scan# 1066

Delta R.T. 0.15 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

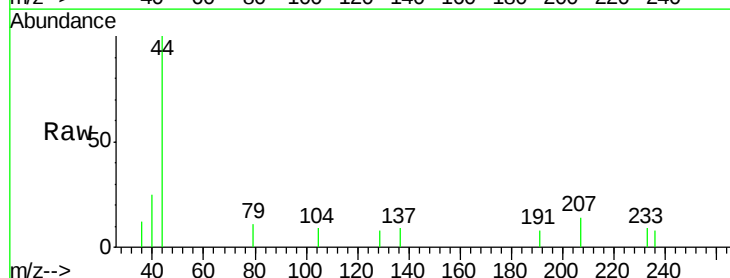
Tgt Ion: 104 Resp: 68

Ion Ratio Lower Upper

104 100

78 0.0 40.9 61.3#

103 0.0 36.5 54.7#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V

11.04

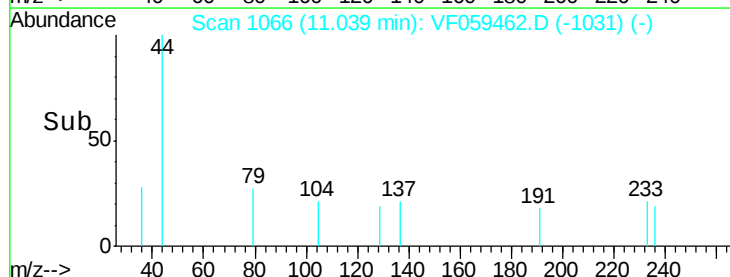
150

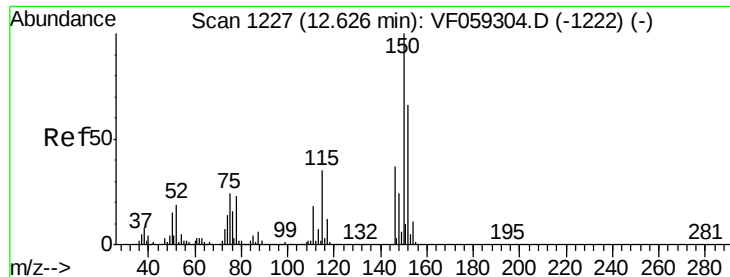
100

50

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

S-8(5.5-6)

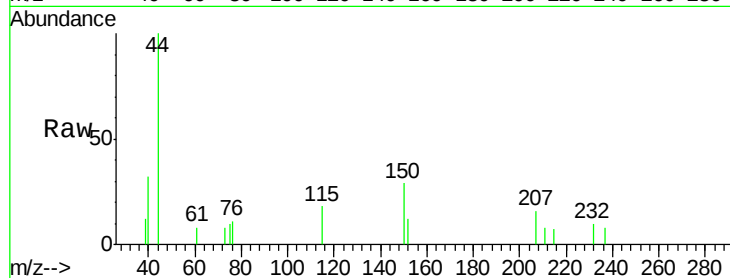
Tot Ion:152 Resp: 271

Ion Ratio Lower Upper

152 100

115 146.8 27.1 81.3#

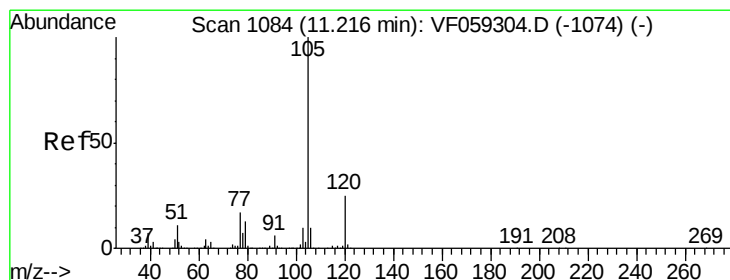
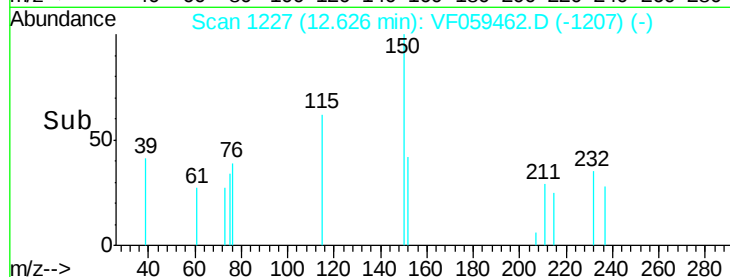
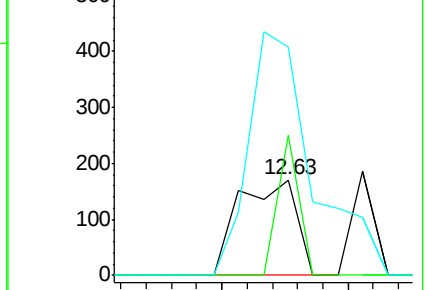
150 238.0 0.0 305.2



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: 4.560 ug/l

RT: 11.28 min Scan# 1090

Delta R.T. 0.06 min

Lab File: VF059462.D

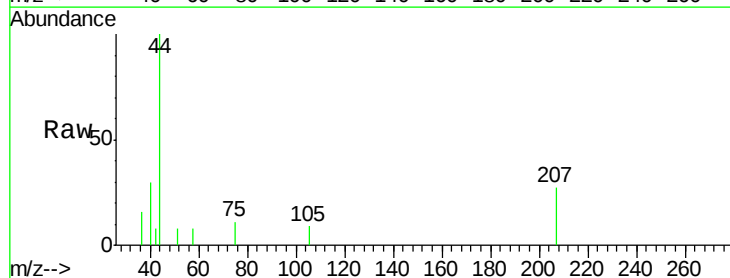
Acq: 6 Jul 2018 21:03

Tgt Ion:105 Resp: 72

Ion Ratio Lower Upper

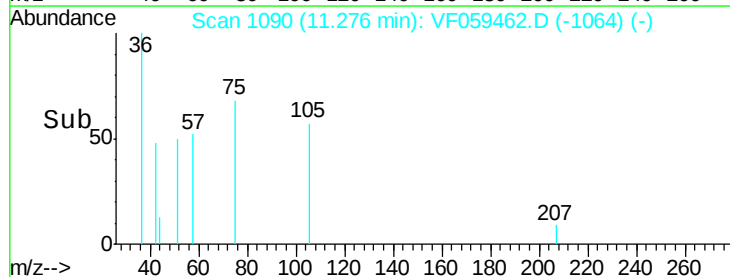
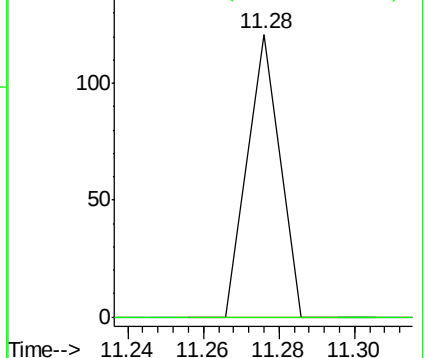
105 100

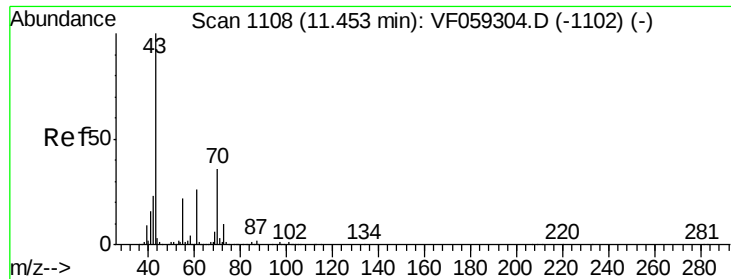
120 0.0 12.3 36.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.618 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.06 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

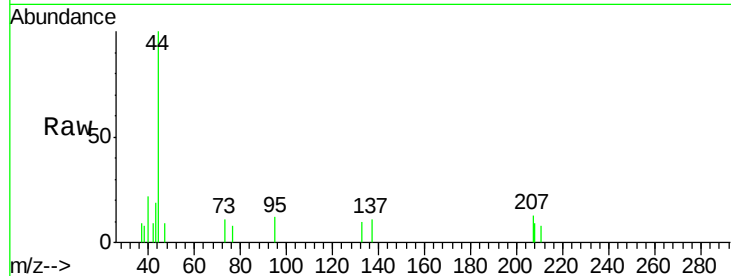
MSVOA_F

ClientSampleId :

S-8(5.5-6)

Tot Ion: 43 Resp: 290

Ion	Ratio	Lower	Upper
43	100		
70	0.0	28.8	43.2#
55	0.0	17.4	26.0#
61	0.0	21.1	31.7#

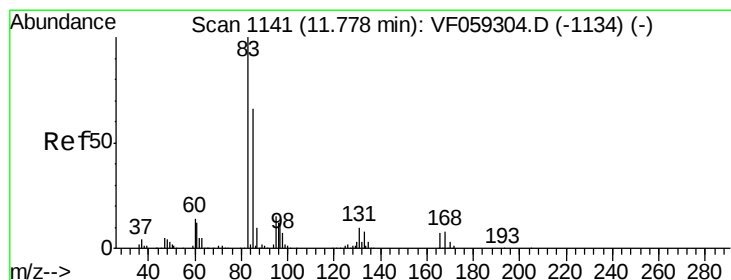
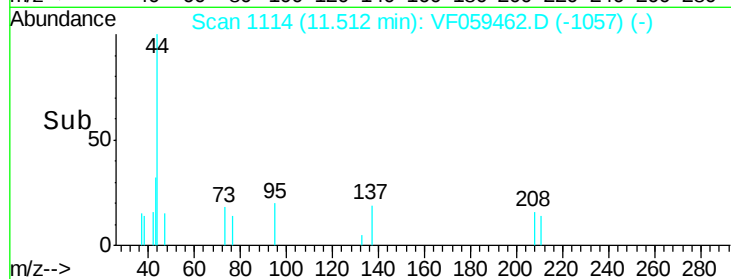
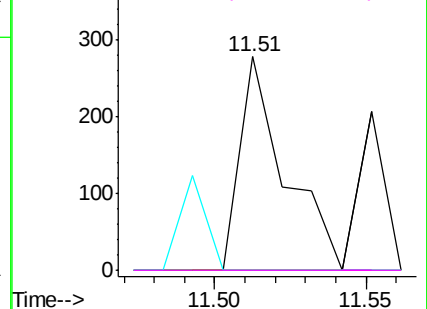


Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 24.578 ug/l

RT: 11.81 min Scan# 1144

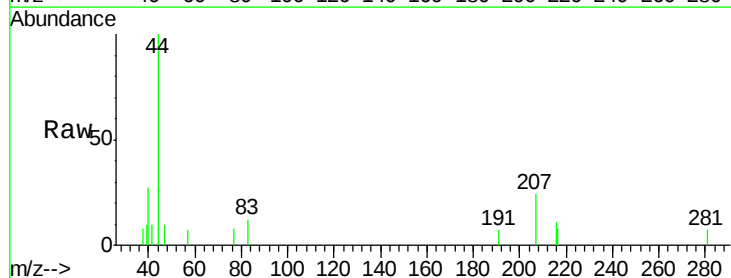
Delta R.T. 0.03 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Tgt Ion: 83 Resp: 98

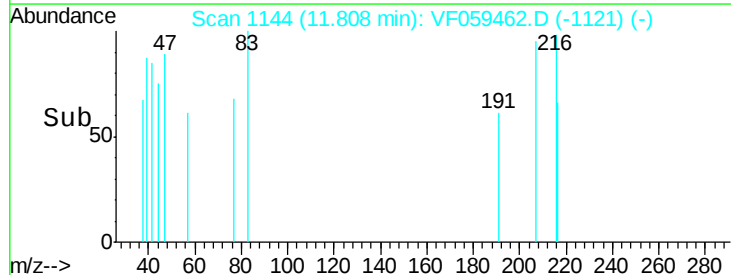
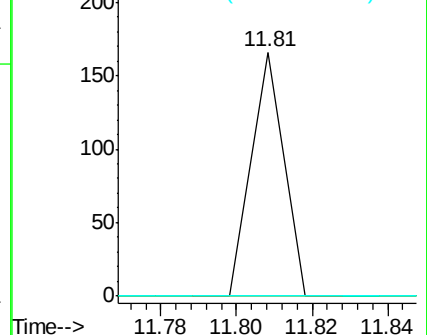
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.9	14.6#
85	0.0	32.8	98.4#

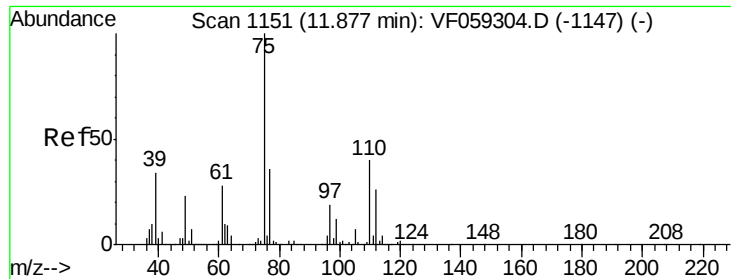


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0

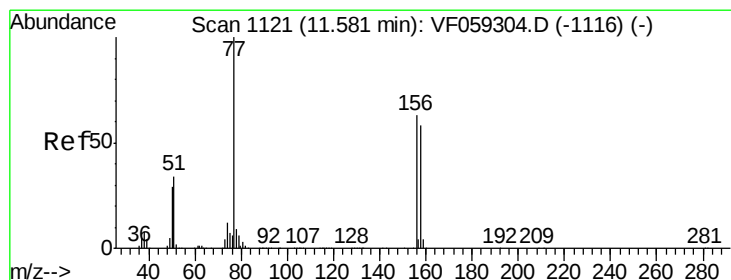
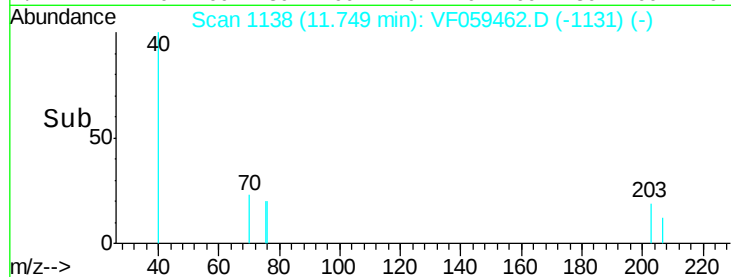
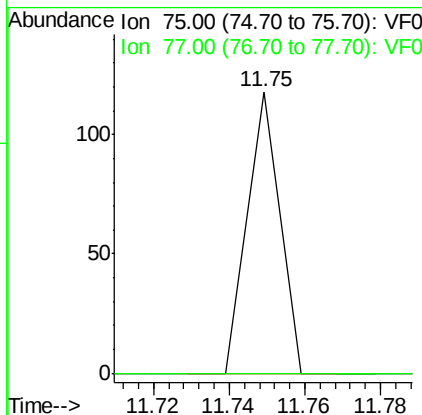
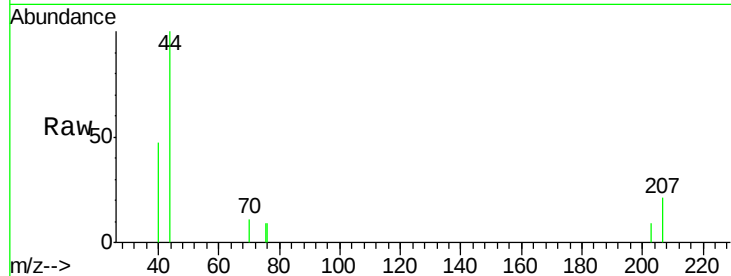




#76
 1,2,3-Trichloropropane
 Concen: 23.273 ug/l
 RT: 11.75 min Scan# 1138
 Delta R.T. -0.13 min
 Lab File: VF059462.D
 Acq: 6 Jul 2018 21:03

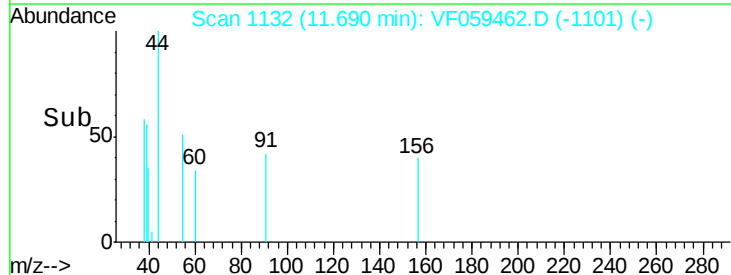
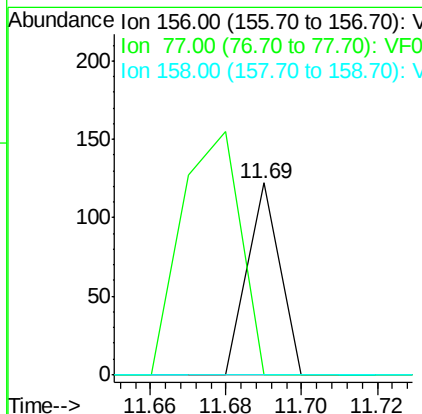
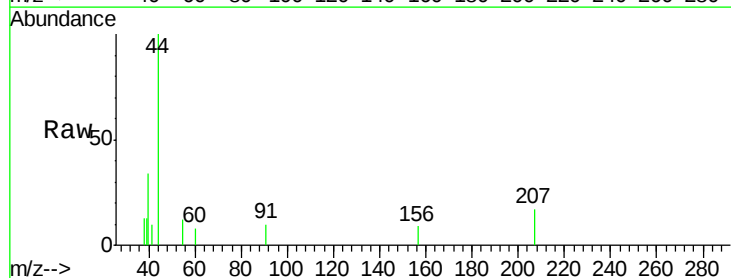
Instrument :
 MSVOA_F
 ClientSampled :
 S-8(5.5-6)

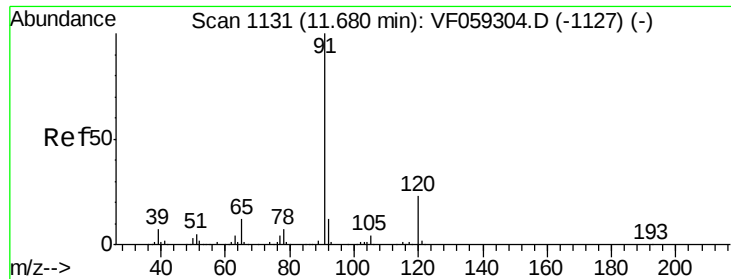
Tot Ion: 75 Resp: 70
 Ion Ratio Lower Upper
 75 100
 77 0.0 18.0 54.0#



#77
 Bromobenzene
 Concen: 16.438 ug/l
 RT: 11.69 min Scan# 1132
 Delta R.T. 0.11 min
 Lab File: VF059462.D
 Acq: 6 Jul 2018 21:03

Tgt Ion: 156 Resp: 72
 Ion Ratio Lower Upper
 156 100
 77 0.0 79.7 238.9#
 158 0.0 46.2 138.6#





#78

n-propylbenzene

Concen: 4.008 ug/l

RT: 11.69 min Scan# 1132

Delta R.T. 0.01 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampled :

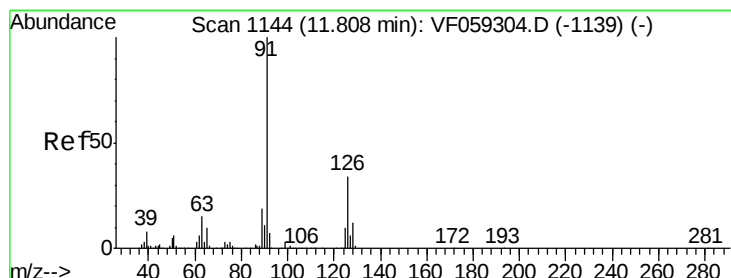
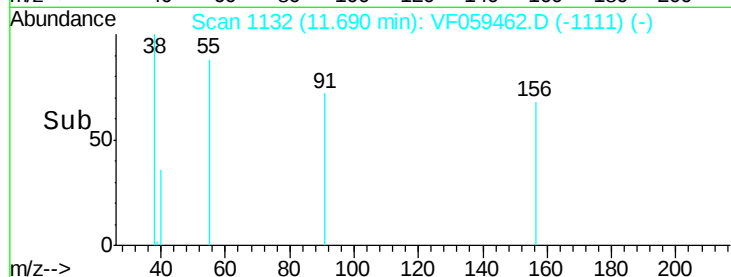
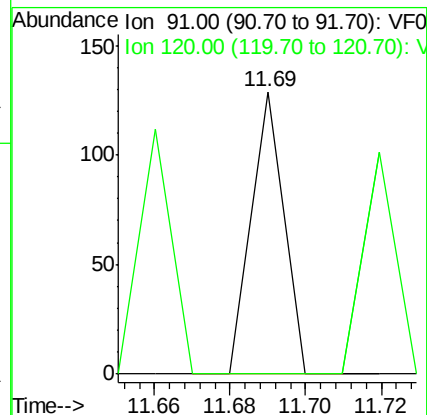
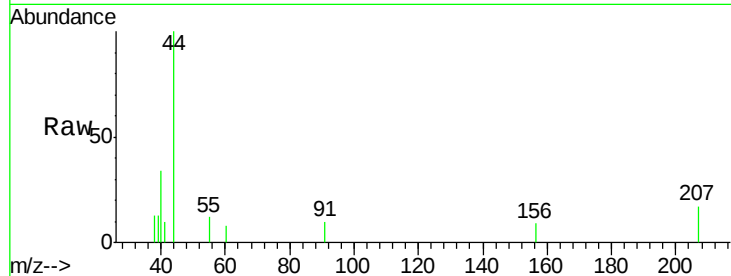
S-8(5.5-6)

Tot Ion: 91 Resp: 76

Ion Ratio Lower Upper

91 100

120 0.0 11.7 35.0#



#79

2-Chlorotoluene

Concen: 13.553 ug/l

RT: 11.84 min Scan# 1147

Delta R.T. 0.03 min

Lab File: VF059462.D

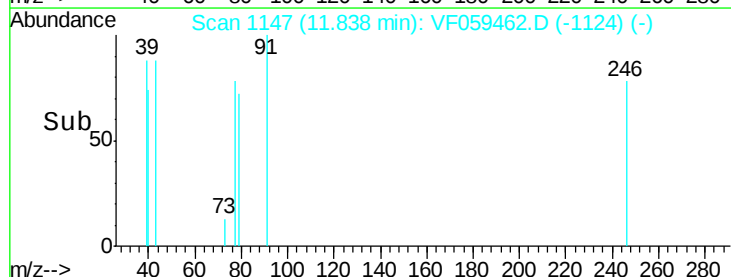
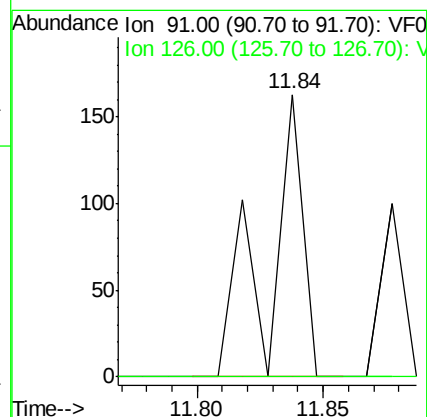
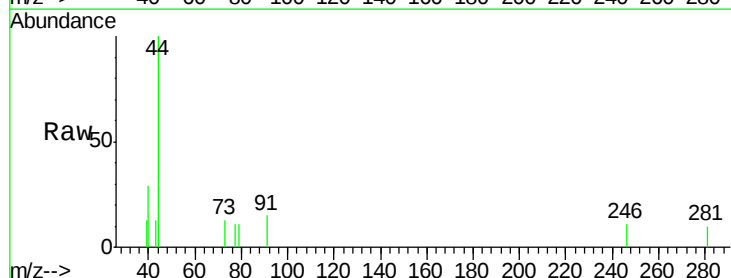
Acq: 6 Jul 2018 21:03

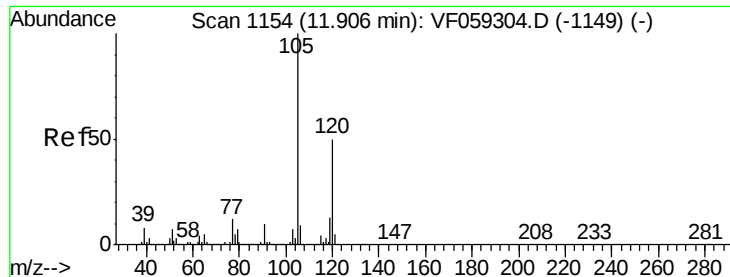
Tgt Ion: 91 Resp: 157

Ion Ratio Lower Upper

91 100

126 0.0 17.2 51.5#





#80

1,3,5-Trimethylbenzene

Concen: 4.483 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. -0.02 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

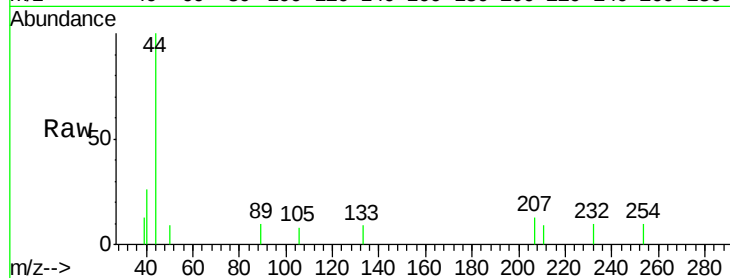
S-8(5.5-6)

Tot Ion:105 Resp: 62

Ion Ratio Lower Upper

105 100

120 0.0 24.9 74.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.89

100

80

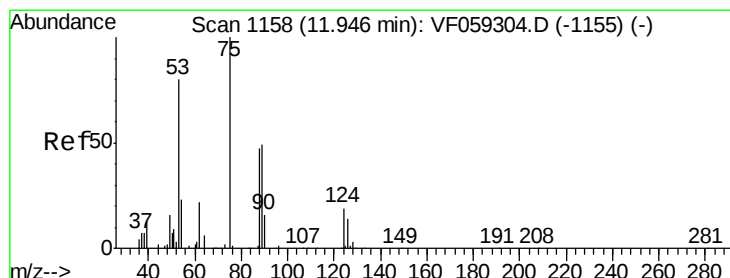
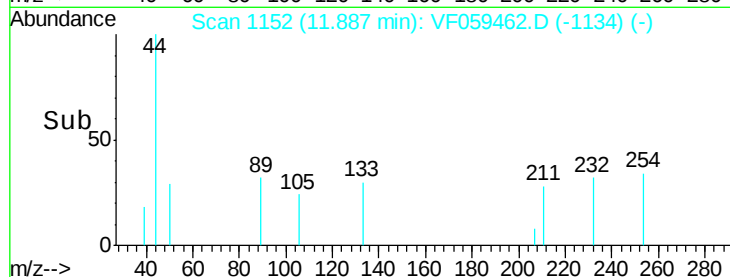
60

40

20

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 50.834 ug/l

RT: 12.02 min Scan# 1165

Delta R.T. 0.07 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

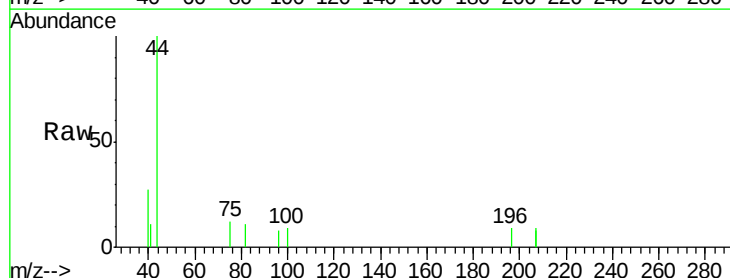
Tgt Ion: 75 Resp: 91

Ion Ratio Lower Upper

75 100

53 0.0 68.8 103.2#

89 0.0 42.0 63.0#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0

200

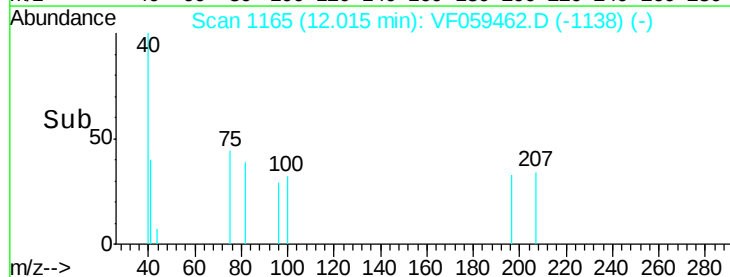
150

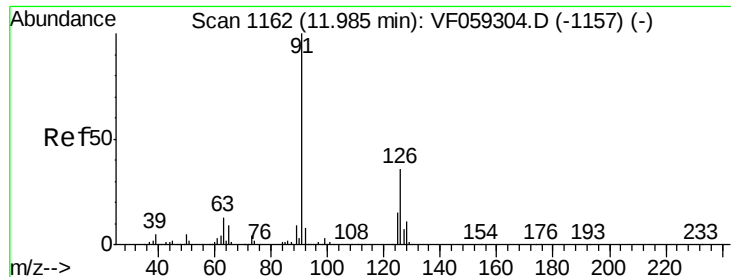
100

50

0

Time-->

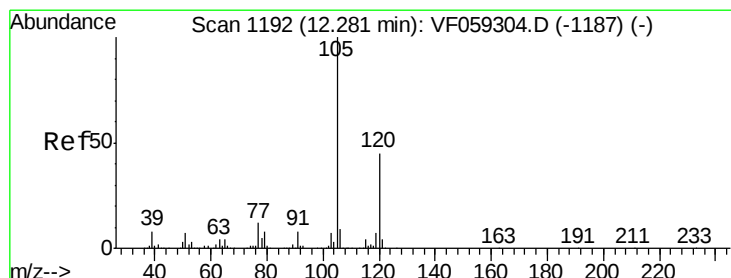
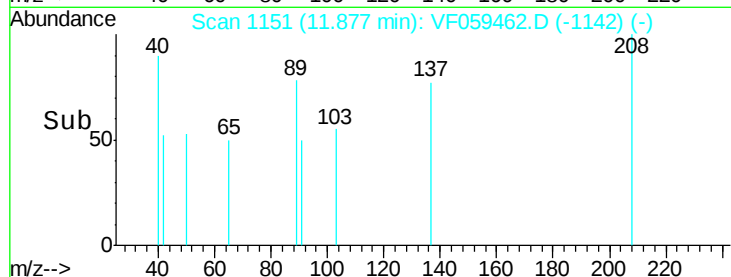
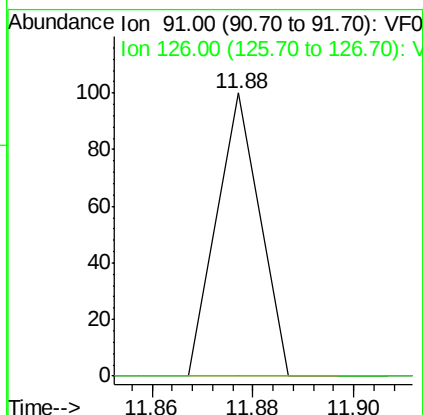
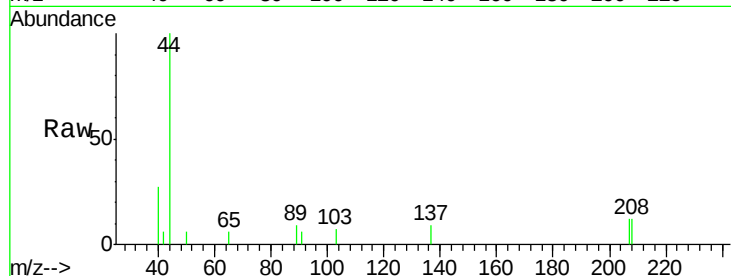




#82
4-Chlorotoluene
Concen: 4.755 ug/l
RT: 11.88 min Scan# 1151
Delta R.T. -0.11 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

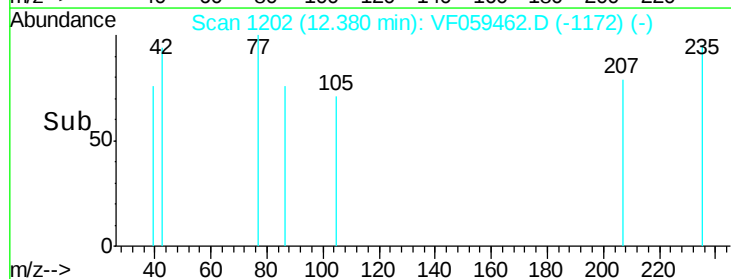
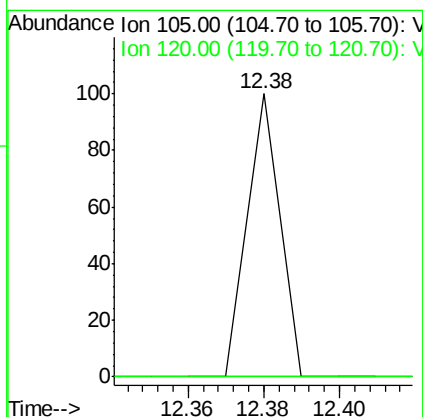
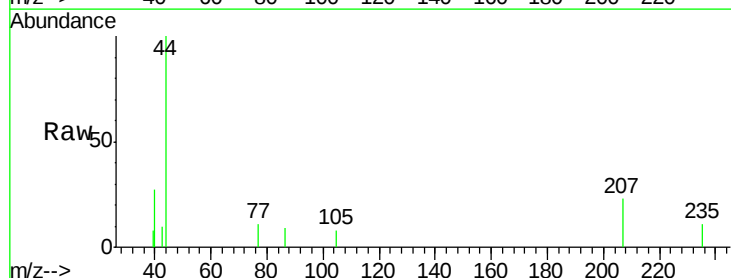
Instrument :
MSVOA_F
ClientSampleId :
S-8(5.5-6)

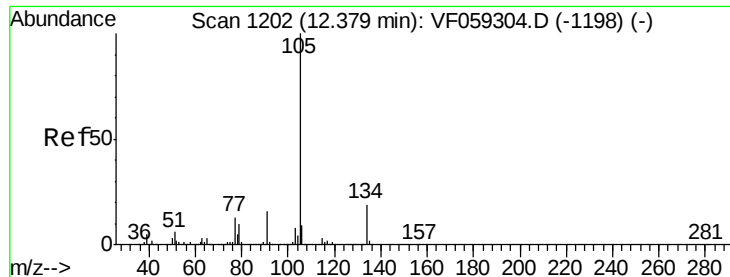
Tot Ion: 91 Resp: 59
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#84
1,2,4-Trimethylbenzene
Concen: 4.051 ug/l
RT: 12.38 min Scan# 1202
Delta R.T. 0.10 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

Tgt Ion:105 Resp: 59
Ion Ratio Lower Upper
105 100
120 0.0 22.8 68.4#





#85

sec-Butylbenzene

Concen: 3.218 ug/l

RT: 12.38 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

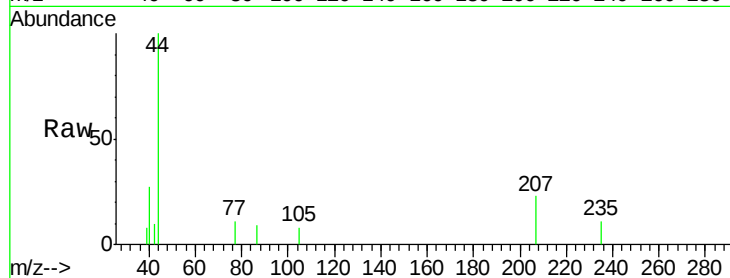
S-8(5.5-6)

Tot Ion:105 Resp: 59

Ion Ratio Lower Upper

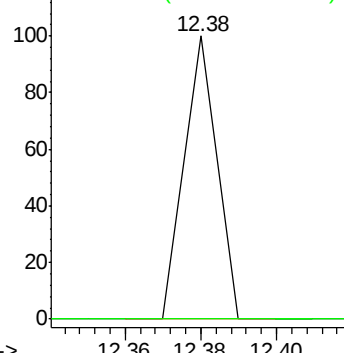
105 100

134 0.0 9.4 28.3#

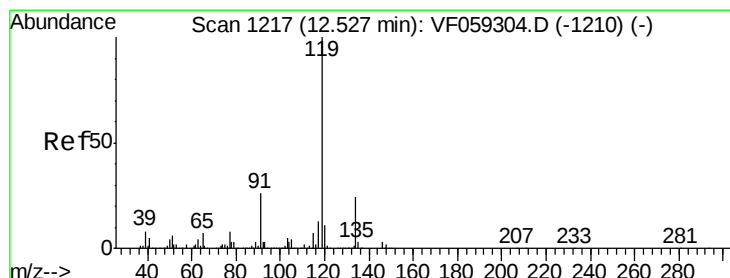
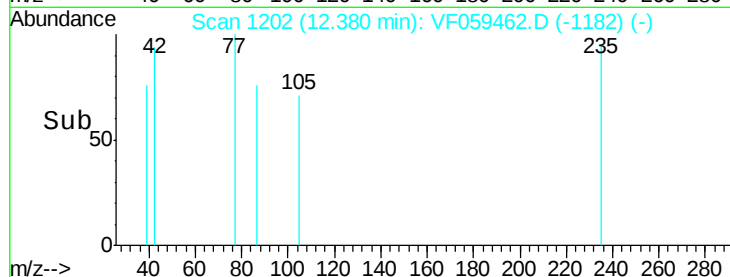


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 4.030 ug/l

RT: 12.55 min Scan# 1219

Delta R.T. 0.02 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

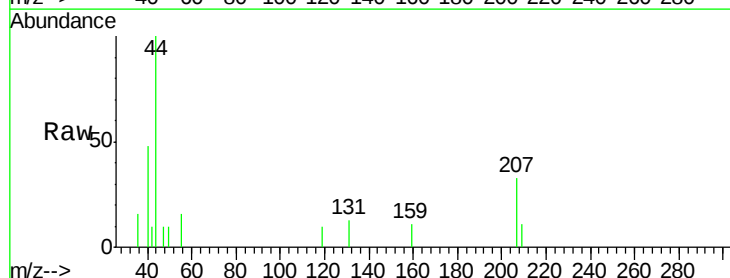
Tgt Ion:119 Resp: 62

Ion Ratio Lower Upper

119 100

134 0.0 12.2 36.4#

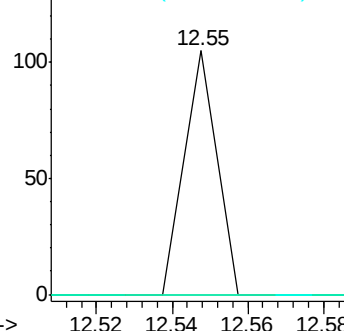
91 0.0 12.9 38.6#



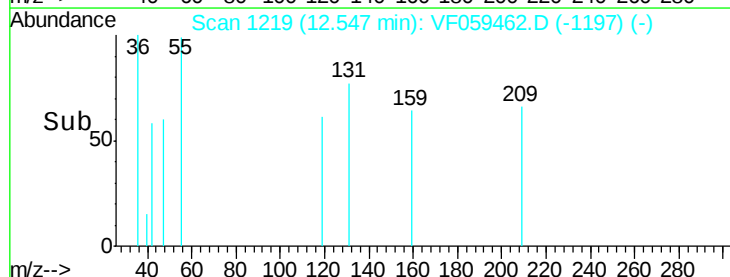
Abundance Ion 119.00 (118.70 to 119.70): V

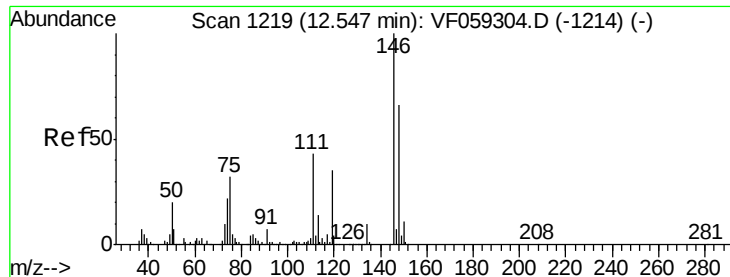
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0



Time-->

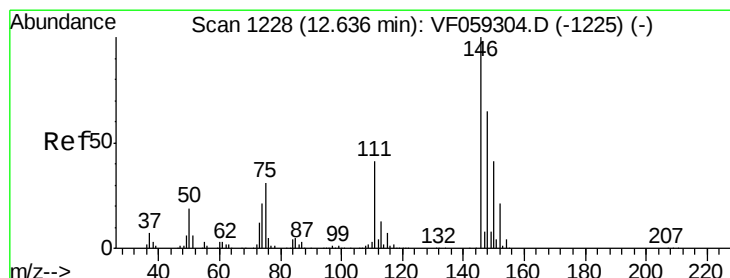
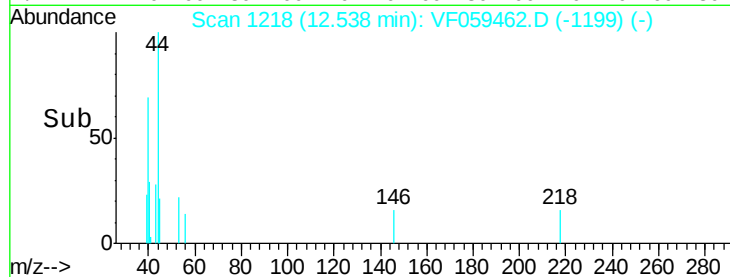
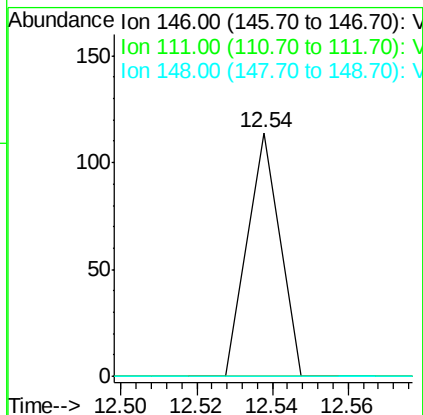
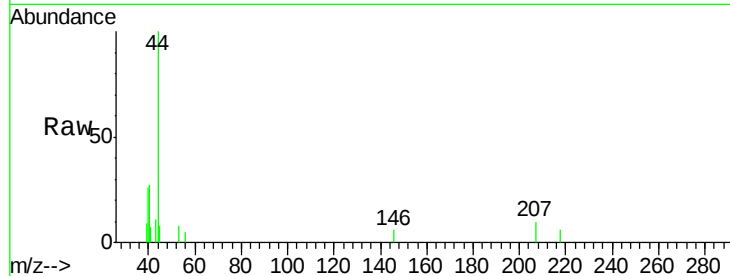




#87
 1,3-Dichlorobenzene
 Concen: 5.137 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VF059462.D
 Acq: 6 Jul 2018 21:03

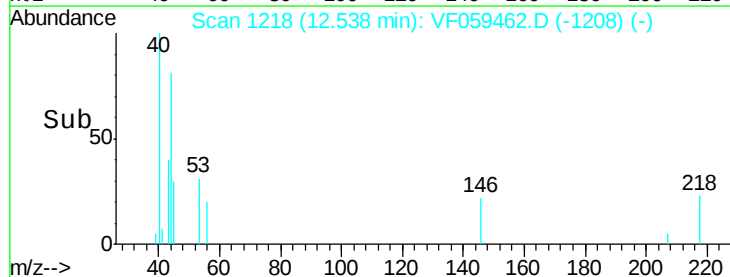
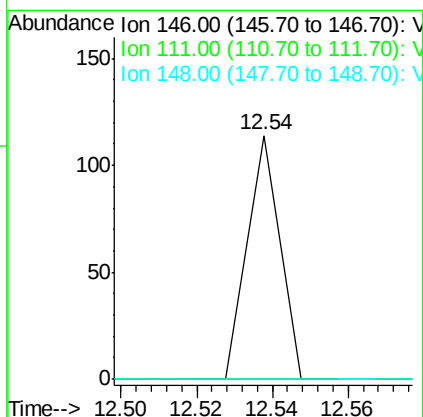
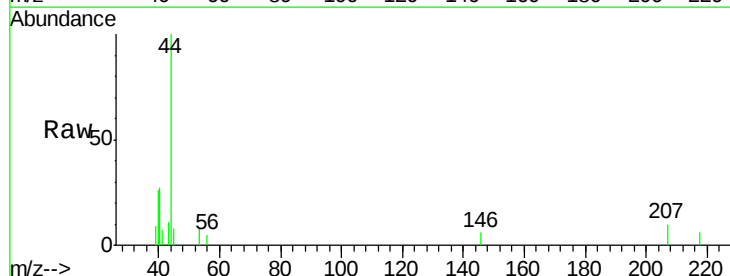
Instrument :
 MSVOA_F
 ClientSampleId :
 S-8(5.5-6)

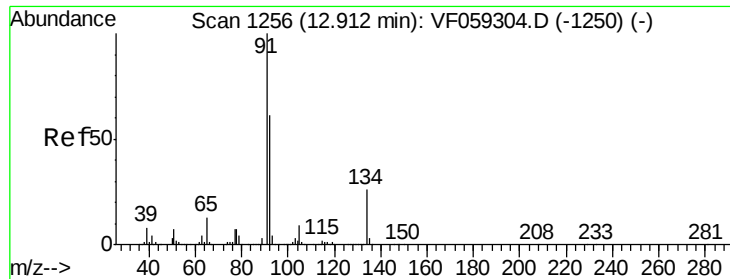
Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.4	64.2#
148	0.0	32.8	98.4#



#88
 1,4-Dichlorobenzene
 Concen: 8.565 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. -0.10 min
 Lab File: VF059462.D
 Acq: 6 Jul 2018 21:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.7	62.1#
148	0.0	32.8	98.3#





#89

n-Butylbenzene

Concen: 3.969 ug/l

RT: 12.98 min Scan# 1263

Delta R.T. 0.07 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

S-8(5.5-6)

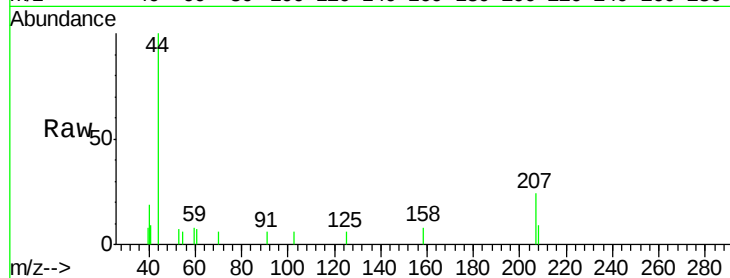
Tot Ion: 91 Resp: 62

Ion Ratio Lower Upper

91 100

92 0.0 30.3 91.0#

134 0.0 12.9 38.7#



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

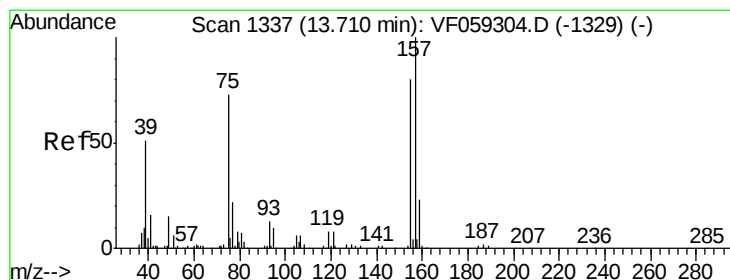
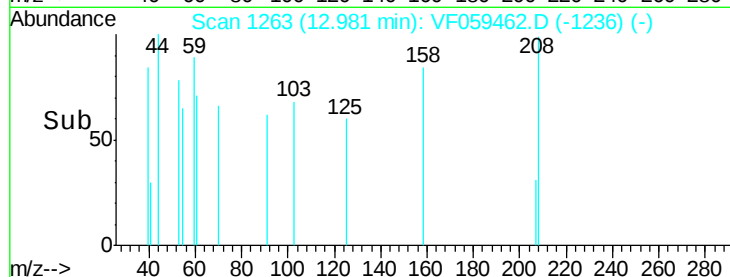
12.98

100

50

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 71.276 ug/l

RT: 13.72 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

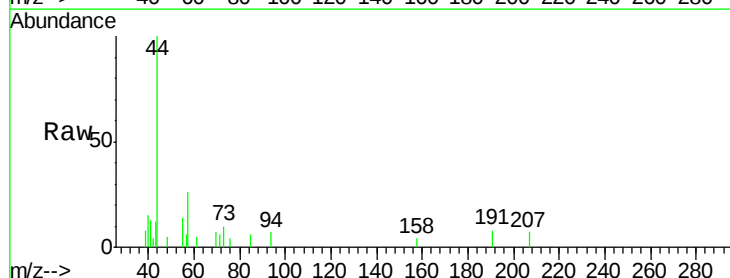
Tgt Ion: 75 Resp: 63

Ion Ratio Lower Upper

75 100

155 0.0 54.6 163.8#

157 0.0 68.7 205.9#



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

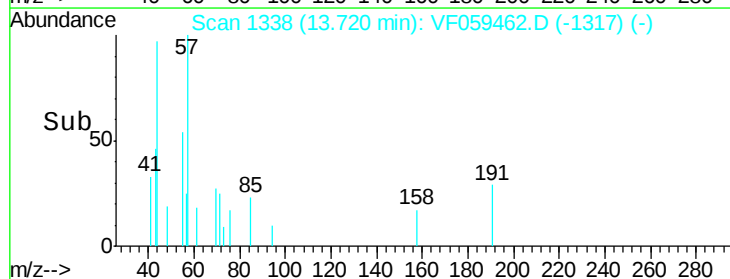
13.72

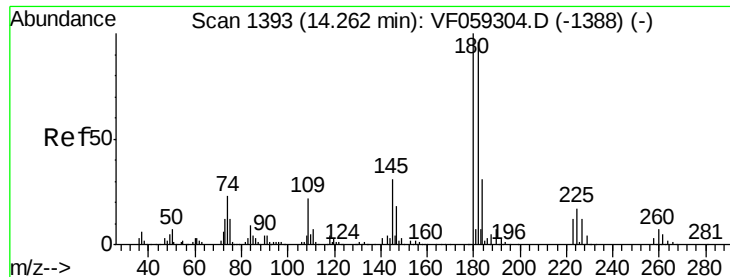
100

50

0

Time-->

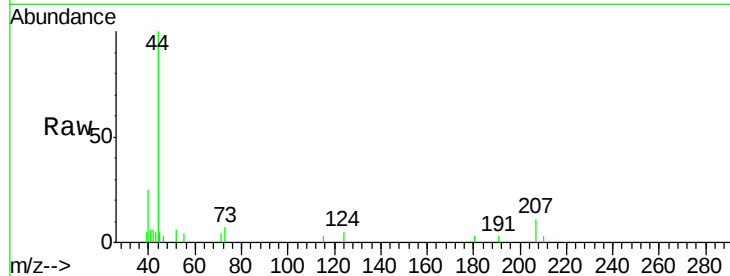




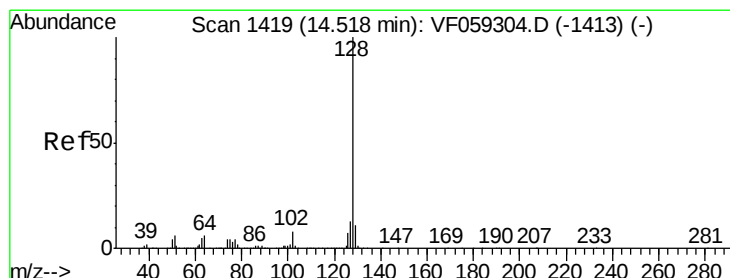
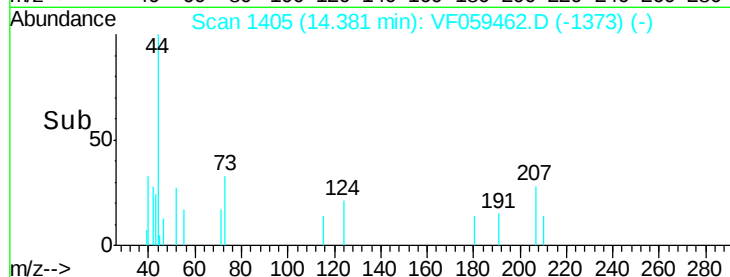
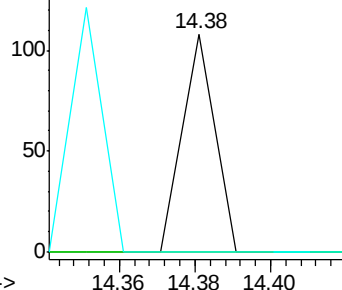
#93
 1,2,4-Trichlorobenzene
 Concen: 10.885 ug/l
 RT: 14.38 min Scan# 1405
 Delta R.T. 0.12 min
 Lab File: VF059462.D
 Acq: 6 Jul 2018 21:03

Instrument :
 MSVOA_F
 ClientSampleId :
 S-8(5.5-6)

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.3#
145	0.0	15.3	45.8#

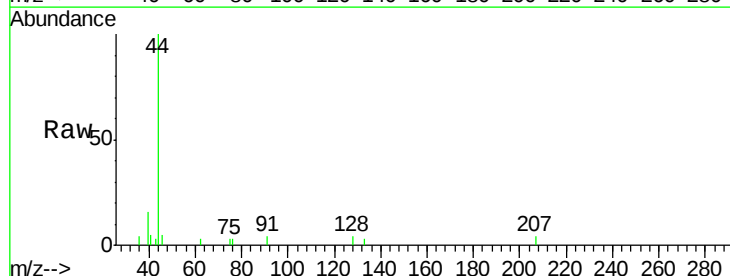


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#95
 Naphthalene
 Concen: 7.397 ug/l
 RT: 14.47 min Scan# 1414
 Delta R.T. -0.05 min
 Lab File: VF059462.D
 Acq: 6 Jul 2018 21:03

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.1	15.1#
129	0.0	8.8	13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

