

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070318\
 Data File : VF059412.D
 Acq On : 3 Jul 2018 15:17
 Operator : VA/AP
 Sample : J3774-09RE
 Misc : 5.25g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-3(4-6)

Quant Time: Jul 04 00:11:26 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	78	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	256	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	187	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	1479	1467.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2935.26%	
35) Dibromofluoromethane	4.26	113	175	93.56	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	187.12%	
50) Toluene-d8	7.68	98	195	42.11	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	84.22%	
62) 4-Bromofluorobenzene	11.48	95	290	111.01	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	222.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.98	85	111	155.759	ug/l #	40
3) Chloromethane	1.09	50	468	977.525	ug/l #	41
4) Vinyl Chloride	1.12	62	83	176.125	ug/l #	42
5) Bromomethane	1.31	94	536	932.909	ug/l #	39
6) Chloroethane	1.39	64	67	282.276	ug/l #	45
9) 1,1,2-Trichlorotrifluoroet	1.97	101	83	152.585	ug/l #	18
11) Tert butyl alcohol	2.69	59	66	983.761	ug/l #	66
12) 1,1-Dichloroethene	1.83	96	130	282.696	ug/l #	1
13) Acrolein	2.04	56	71	2384.523	ug/l #	10
14) Allyl chloride	2.20	41	197	228.212	ug/l #	1
15) Acrylonitrile	3.15	53	63	533.250	ug/l #	9
16) Acetone	2.34	43	111	449.158	ug/l #	65
17) Carbon Disulfide	1.82	76	69	63.787	ug/l #	71
18) Methyl Acetate	2.39	43	127	284.675	ug/l #	61
19) Methyl tert-butyl Ether	2.60	73	198	115.434	ug/l #	63
20) Methylene Chloride	2.27	84	332	680.654	ug/l #	42
21) trans-1,2-Dichloroethene	2.37	96	72	146.775	ug/l #	1
22) Diisopropyl ether	2.89	45	83	43.420	ug/l #	37
23) Vinyl Acetate	3.33	43	214	175.785	ug/l #	79
24) 1,1-Dichloroethane	2.99	63	81	68.344	ug/l #	90
25) 2-Butanone	4.50	43	379	1254.252	ug/l #	59
26) 2,2-Dichloropropane	3.74	77	206	252.003	ug/l #	62
27) cis-1,2-Dichloroethene	3.61	96	60	80.560	ug/l #	1
28) Bromochloromethane	3.78	49	106	249.858	ug/l #	6
29) Tetrahydrofuran	4.10	42	82	646.691	ug/l #	36
30) Chloroform	3.86	83	130	75.768	ug/l #	18
31) Cyclohexane	3.78	56	60	77.279	ug/l #	13
36) 1,1-Dichloropropene	4.28	75	66	29.512	ug/l #	44
37) Ethyl Acetate	4.28	43	277	198.009	ug/l #	26
39) Methylcyclohexane	5.46	83	63	31.790	ug/l #	15
40) Benzene	4.76	78	62	12.504	ug/l #	51
41) Methacrylonitrile	4.89	41	67	87.828	ug/l #	1
42) 1,2-Dichloroethane	5.14	62	70	24.159	ug/l #	83
43) Isopropyl Acetate	7.08	43	195	104.682	ug/l #	52

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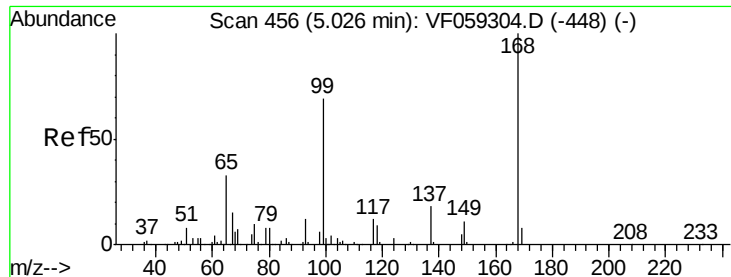
Instrument :
 MSVOA_F
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,2-Dichloropropane	6.26	63	60	42.352	ug/l #	43
48) Methyl methacrylate	6.85	41	140	112.137	ug/l #	11
51) 4-Methyl-2-Pentanone	8.39	43	89	64.491	ug/l #	39
53) t-1,3-Dichloropropene	8.43	75	111	40.912	ug/l #	43
54) cis-1,3-Dichloropropene	7.26	75	79	26.807	ug/l #	23
56) Ethyl methacrylate	8.71	69	88	49.312	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.85	63	69	515.537	ug/l	100
59) 2-Hexanone	9.59	43	67	51.185	ug/l #	30
60) Dibromochloromethane	8.73	129	63	28.327	ug/l #	9
61) 1,2-Dibromoethane	9.19	107	61	34.915	ug/l #	1
64) Tetrachloroethene	8.27	164	83	100.766	ug/l #	1
67) Ethyl Benzene	10.01	91	137	34.316	ug/l #	44
68) m/p-Xylenes	10.23	106	146	102.748	ug/l #	60
70) Styrene	10.87	104	72	29.739	ug/l #	29
73) Isopropylbenzene	11.22	105	60	5.508	ug/l #	51
74) N-amyl acetate	11.46	43	403	101.938	ug/l #	46
76) 1,2,3-Trichloropropane	11.75	75	72	34.691	ug/l #	39
78) n-propylbenzene	11.66	91	72	5.503	ug/l #	52
79) 2-Chlorotoluene	11.78	91	66	8.257	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.89	105	63	6.602	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.04	75	144	116.575	ug/l #	14
83) tert-Butylbenzene	12.17	119	75	7.858	ug/l #	31
84) 1,2,4-Trimethylbenzene	12.26	105	86	8.557	ug/l #	31
85) sec-Butylbenzene	12.36	105	77	6.086	ug/l #	58
86) p-Isopropyltoluene	12.52	119	67	6.310	ug/l #	50
89) n-Butylbenzene	12.89	91	209	19.391	ug/l #	29
90) Hexachloroethane	13.10	117	60	22.674	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.61	75	127	208.226	ug/l #	1
95) Naphthalene	14.51	128	468	55.131	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.55	180	63	16.391	ug/l #	12

(#) = 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

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ClientSampleId :

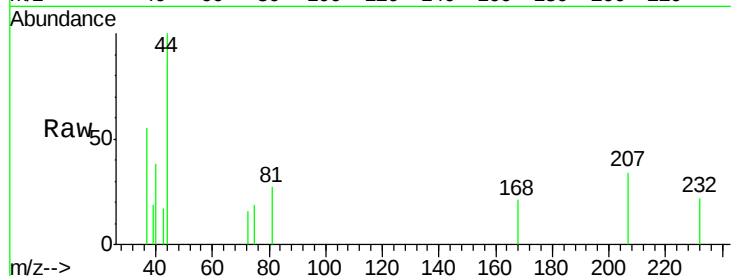
SB-3(4-6)

Tot Ion:168 Resp: 78

Ion Ratio Lower Upper

168 100

99 0.0 54.9 82.3#

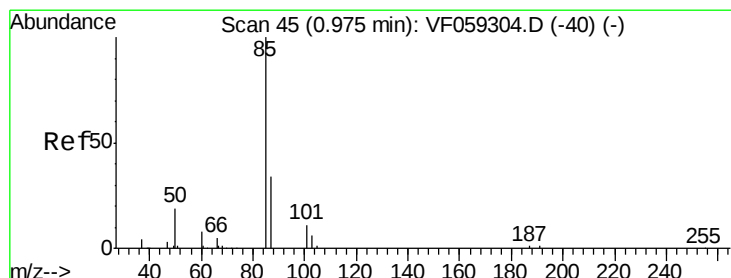
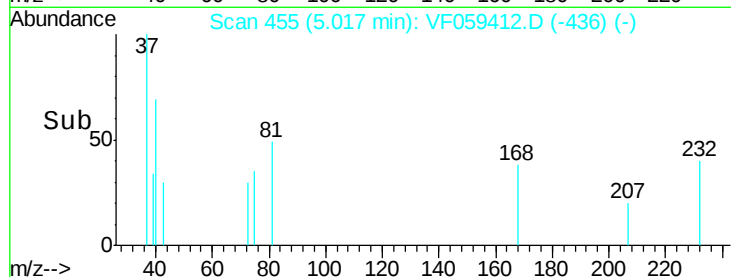


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

Time--> 4.98 5.00 5.02 5.04



#2

Dichlorodifluoromethane

Concen: 155.759 ug/l

RT: 0.98 min Scan# 45

Delta R.T. 0.00 min

Lab File: VF059412.D

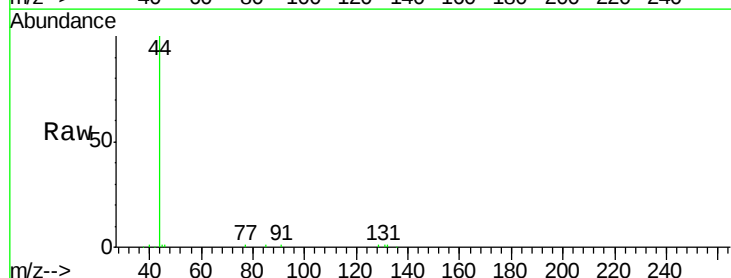
Acq: 3 Jul 2018 15:17

Tgt Ion: 85 Resp: 111

Ion Ratio Lower Upper

85 100

87 0.0 17.1 51.3#

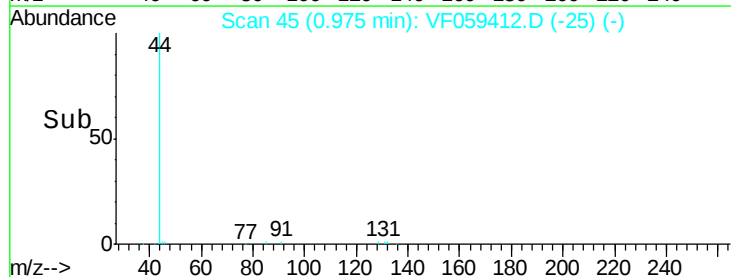


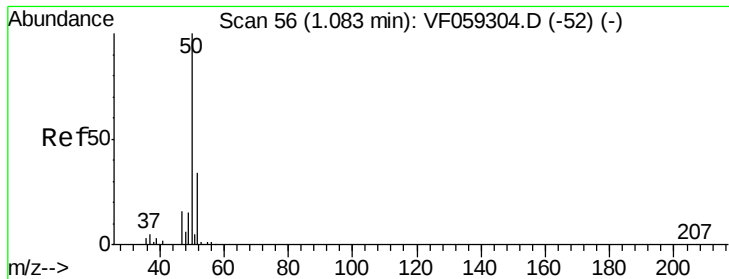
Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.98

Time--> 0.94 0.96 0.98 1.00





#3

Chloromethane

Concen: 977.525 ug/l

RT: 1.09 min Scan# 57

Delta R.T. 0.01 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

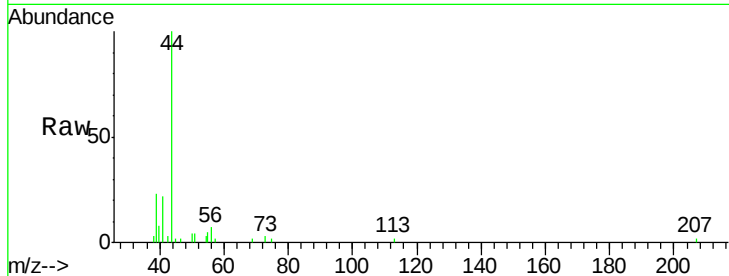
SB-3(4-6)

Tot Ion: 50 Resp: 468

Ion Ratio Lower Upper

50 100

52 0.0 26.7 40.1#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

1.09

200

150

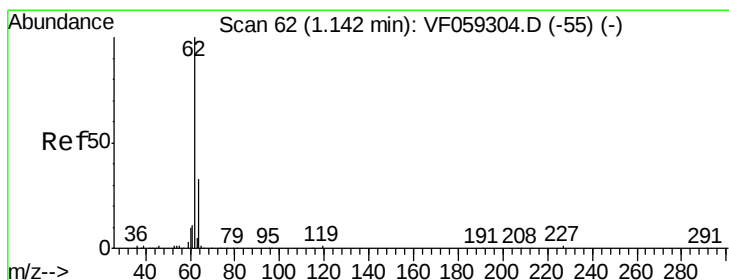
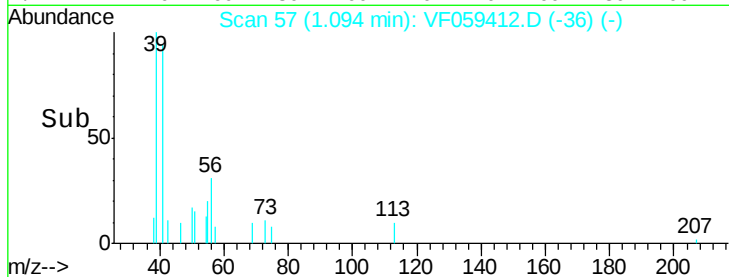
100

50

0

1.05 1.10 1.15

Time-->



#4

Vinyl Chloride

Concen: 176.125 ug/l

RT: 1.12 min Scan# 60

Delta R.T. -0.02 min

Lab File: VF059412.D

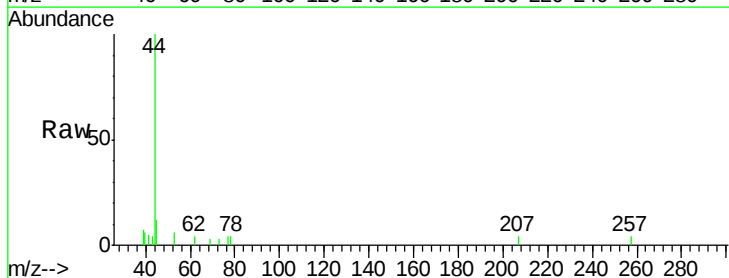
Acq: 3 Jul 2018 15:17

Tgt Ion: 62 Resp: 83

Ion Ratio Lower Upper

62 100

64 0.0 26.3 39.5#



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0

1.12

150

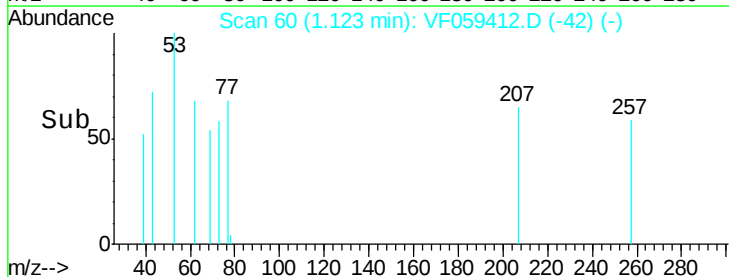
100

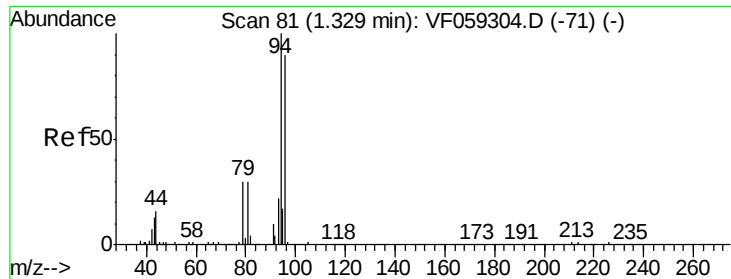
50

0

1.10 1.12 1.14

Time-->





#5

Bromomethane

Concen: 932.909 ug/l

RT: 1.31 min Scan# 79

Delta R.T. -0.02 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

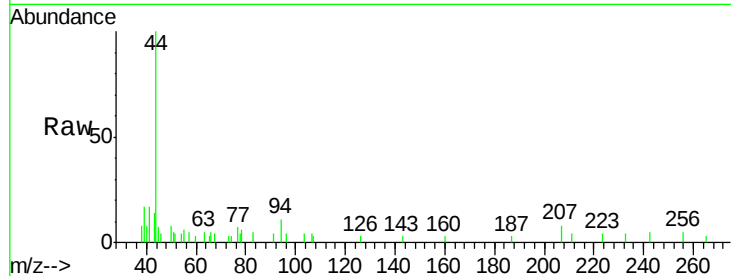
SB-3(4-6)

Tot Ion: 94 Resp: 536

Ion Ratio Lower Upper

94 100

96 33.3 73.4 110.0#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0

1.31

300

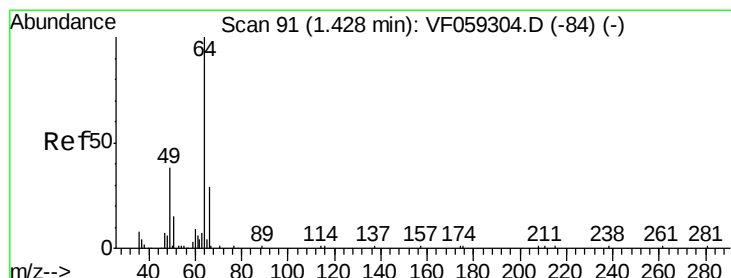
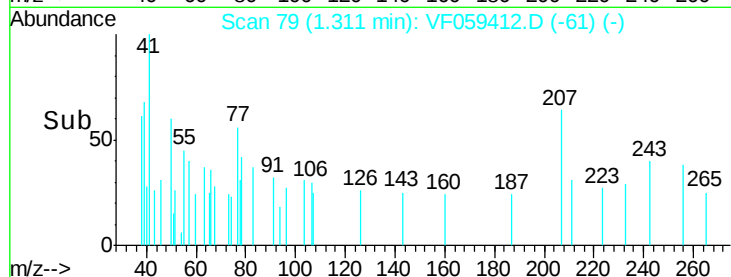
200

100

0

1.28 1.30 1.32 1.34

Time-->



#6

Chloroethane

Concen: 282.276 ug/l

RT: 1.39 min Scan# 87

Delta R.T. -0.04 min

Lab File: VF059412.D

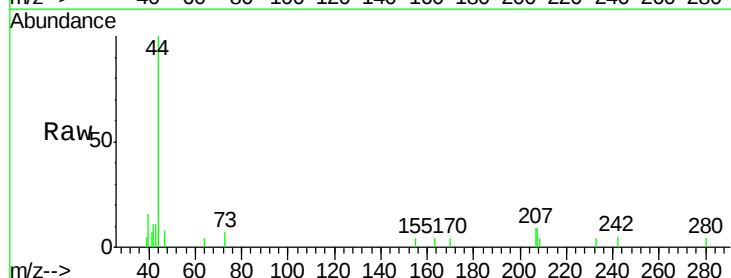
Acq: 3 Jul 2018 15:17

Tgt Ion: 64 Resp: 67

Ion Ratio Lower Upper

64 100

66 0.0 23.9 35.9#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

1.39

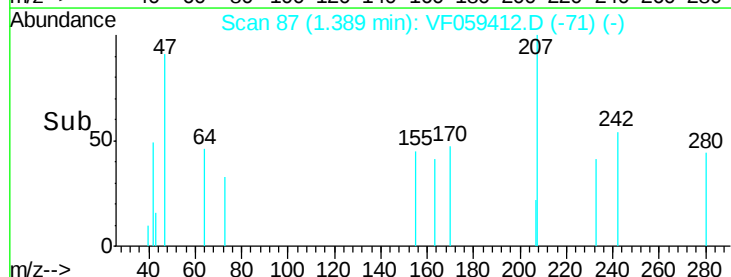
100

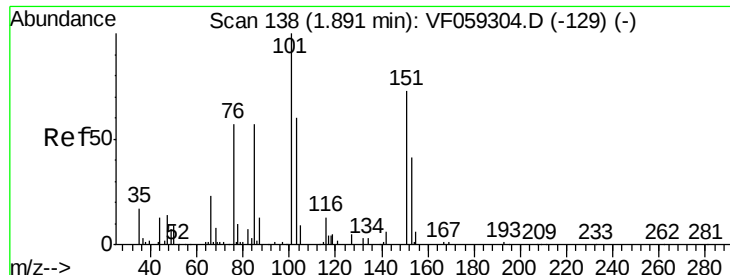
50

0

1.38 1.40

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 152.585 ug/l

RT: 1.97 min Scan# 146

Delta R.T. 0.08 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

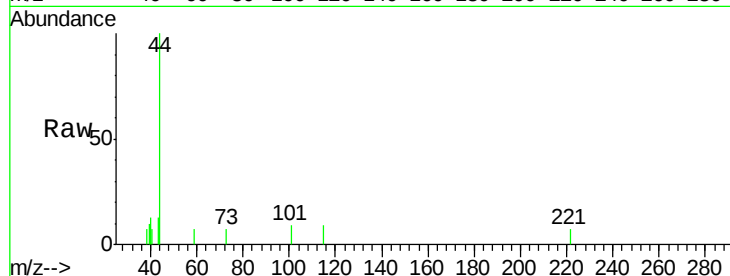
Instrument :

MSVOA_F

ClientSampleId :

SB-3(4-6)

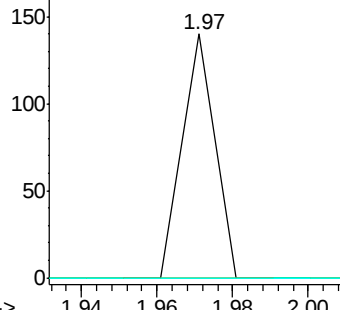
Tot Ion:	101	Resp:	83
Ion	Ratio	Lower	Upper
101	100		
85	0.0	44.5	66.7#
151	0.0	56.8	85.2#



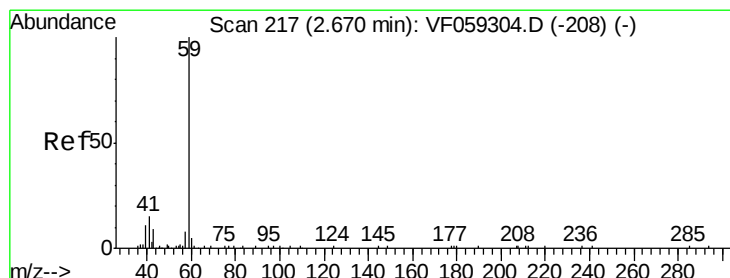
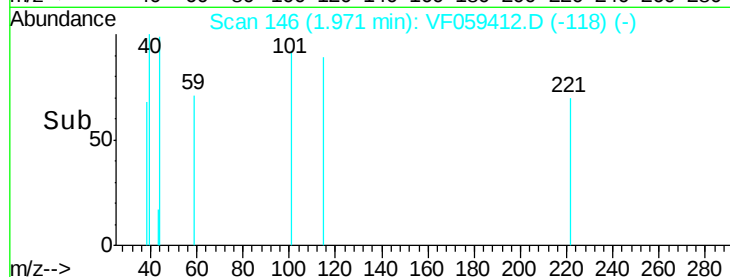
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



Time-->



#11

Tert butyl alcohol

Concen: 983.761 ug/l

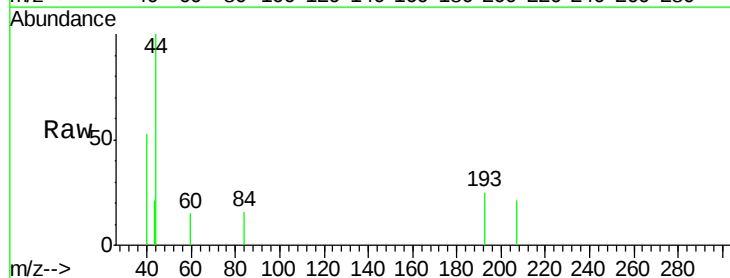
RT: 2.69 min Scan# 219

Delta R.T. 0.02 min

Lab File: VF059412.D

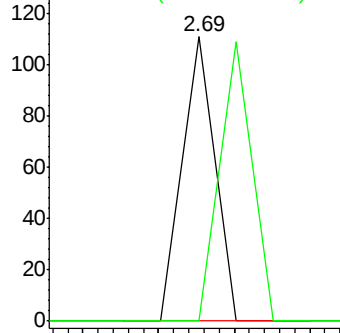
Acq: 3 Jul 2018 15:17

Tgt Ion:	59	Resp:	66
Ion	Ratio	Lower	Upper
59	100		
57	0.0	11.0	16.4#

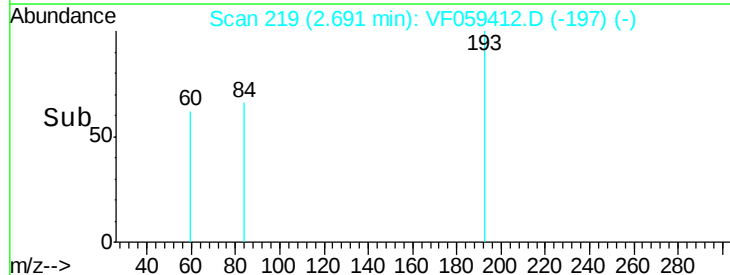


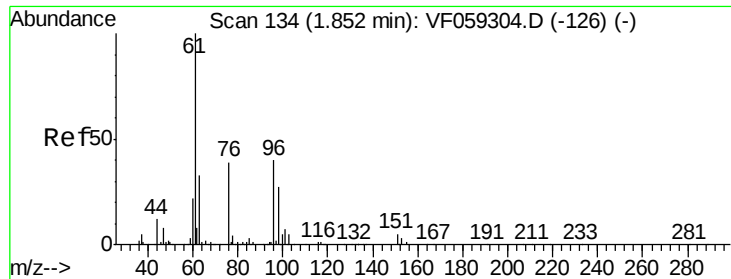
Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0



Time-->

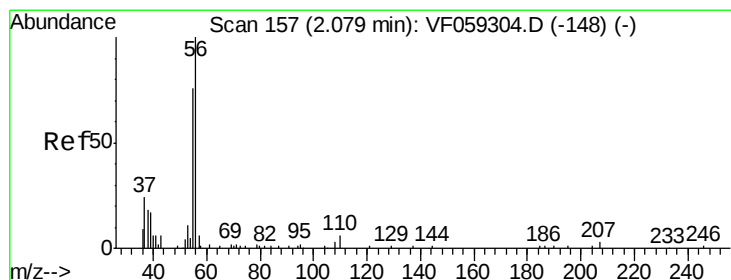
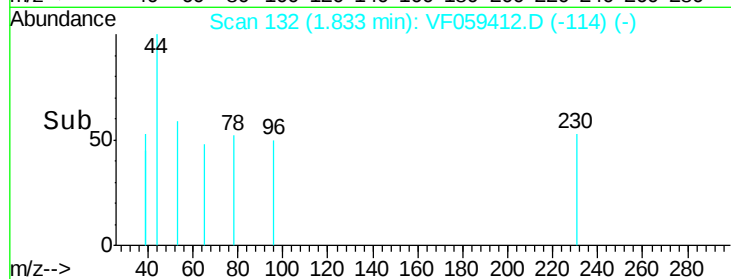
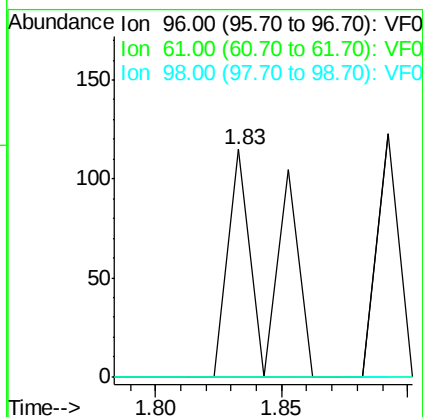
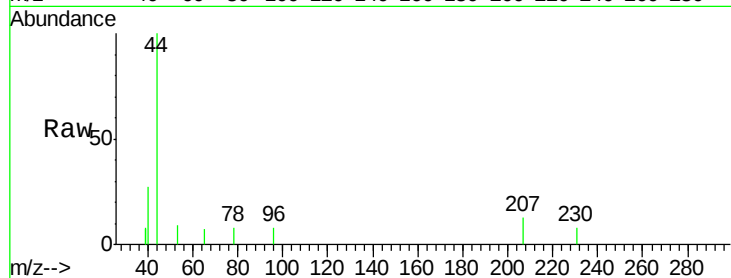




#12
 1,1-Dichloroethene
 Concen: 282.696 ug/l
 RT: 1.83 min Scan# 132
 Delta R.T. -0.02 min
 Lab File: VF059412.D
 Acq: 3 Jul 2018 15:17

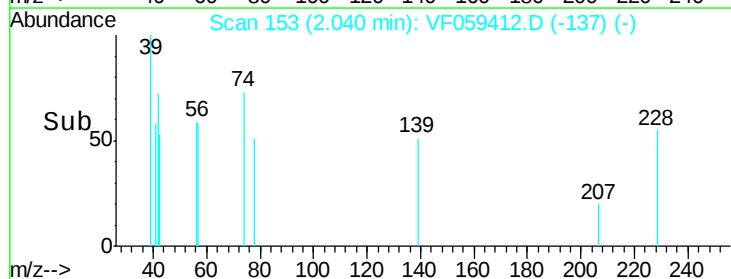
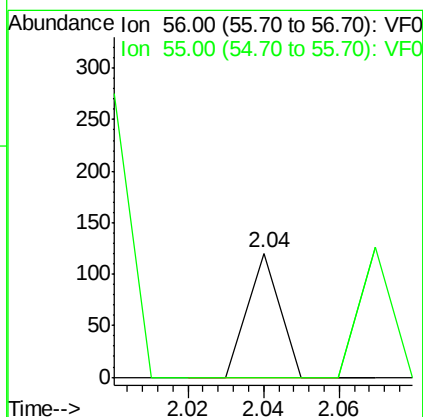
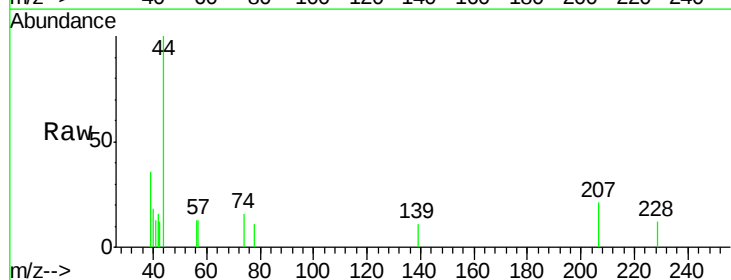
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-3(4-6)

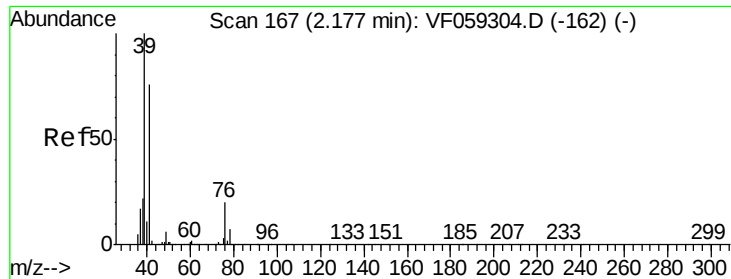
Tot Ion: 96 Resp: 130
 Ion Ratio Lower Upper
 96 100
 61 0.0 201.1 301.7#
 98 0.0 53.9 80.9#



#13
 Acrolein
 Concen: 2384.523 ug/l
 RT: 2.04 min Scan# 153
 Delta R.T. -0.04 min
 Lab File: VF059412.D
 Acq: 3 Jul 2018 15:17

Tgt Ion: 56 Resp: 71
 Ion Ratio Lower Upper
 56 100
 55 0.0 62.4 93.6#

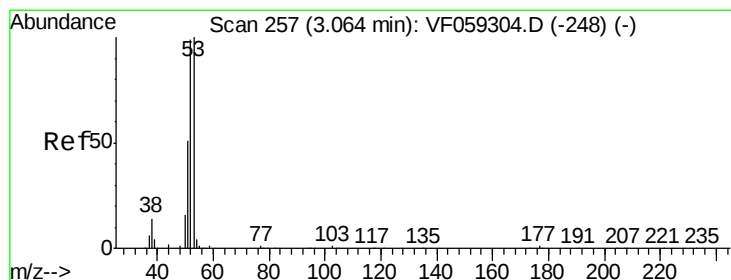
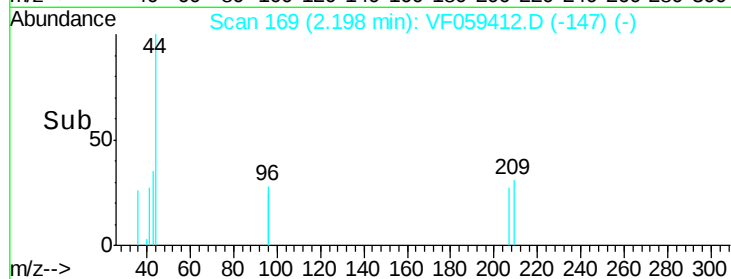
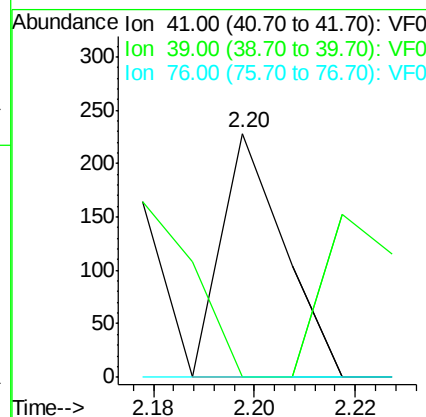
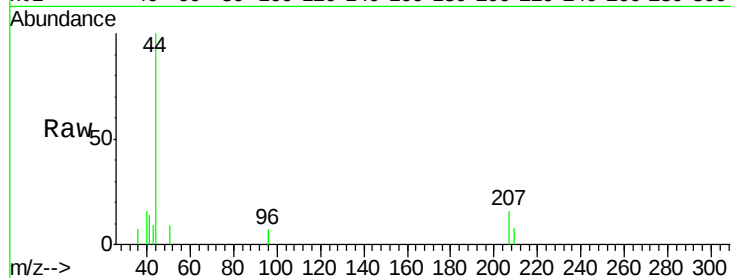




#14
Allvl chloride
Concen: 228.212 ug/l
RT: 2.20 min Scan# 169
Delta R.T. 0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

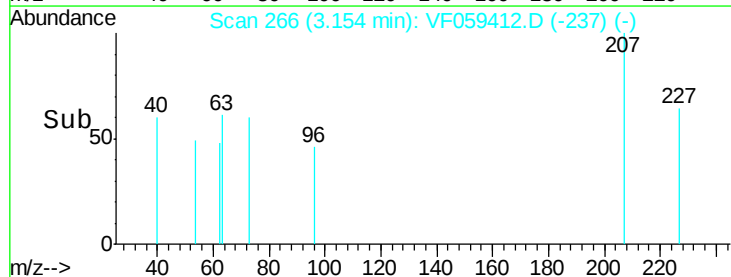
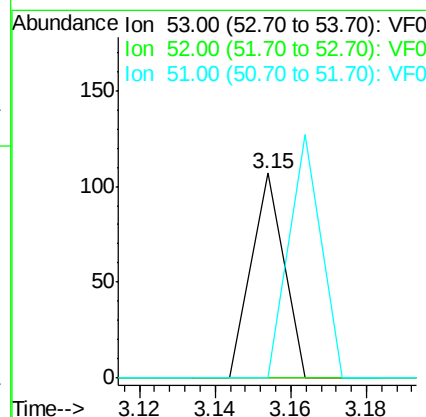
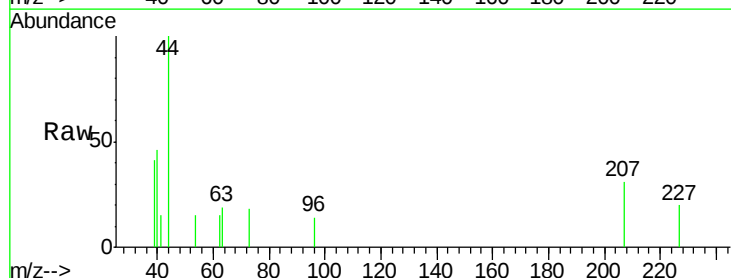
Instrument :
MSVOA_F
ClientSampled :
SB-3(4-6)

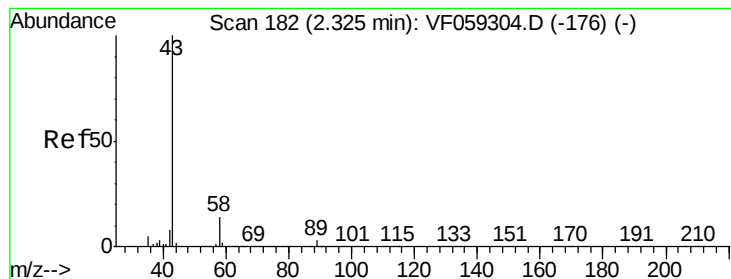
Tot Ion: 41 Resp: 197
Ion Ratio Lower Upper
41 100
39 0.0 105.6 158.4#
76 0.0 21.6 32.4#



#15
Acrylonitrile
Concen: 533.250 ug/l
RT: 3.15 min Scan# 266
Delta R.T. 0.09 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 53 Resp: 63
Ion Ratio Lower Upper
53 100
52 0.0 79.2 118.8#
51 0.0 40.9 61.3#





#16

Acetone

Concen: 449.158 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

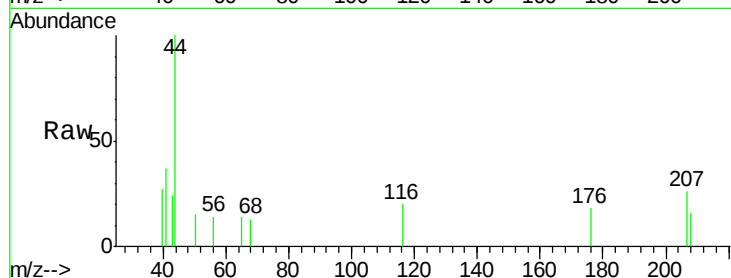
SB-3(4-6)

Tot Ion: 43 Resp: 111

Ion Ratio Lower Upper

43 100

58 0.0 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.34

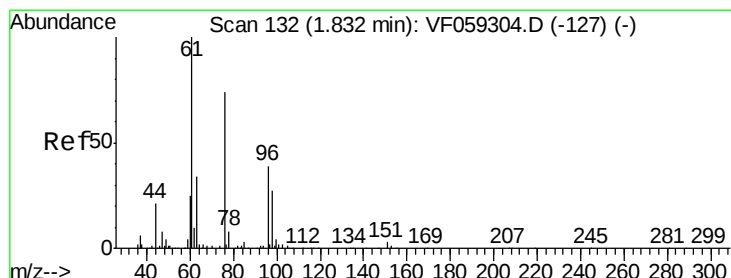
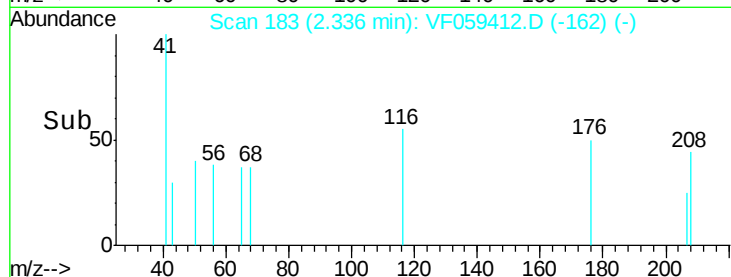
150

100

50

0

Time--> 2.30 2.32 2.34 2.36



#17

Carbon Disulfide

Concen: 63.787 ug/l

RT: 1.82 min Scan# 131

Delta R.T. -0.01 min

Lab File: VF059412.D

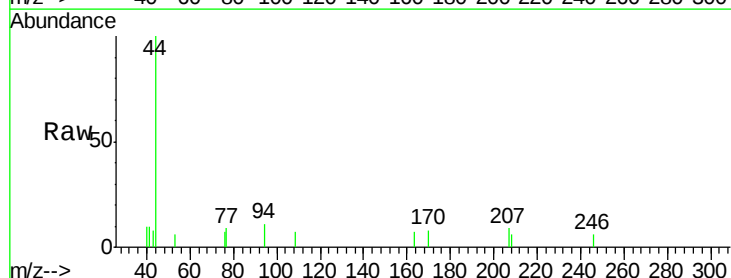
Acq: 3 Jul 2018 15:17

Tgt Ion: 76 Resp: 69

Ion Ratio Lower Upper

76 100

78 0.0 8.9 13.3#



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

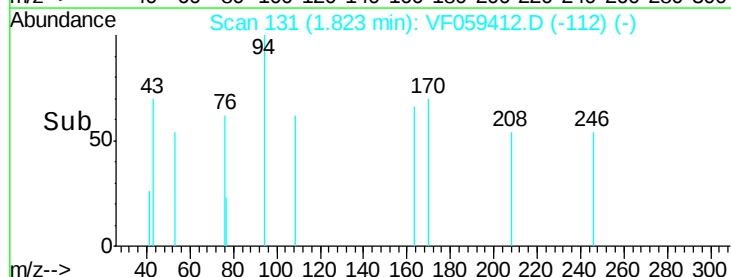
1.82

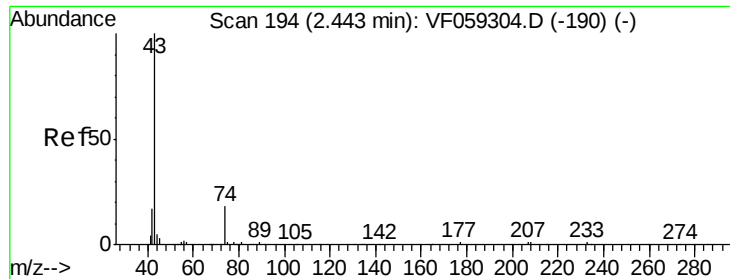
100

50

0

Time--> 1.80 1.82 1.84

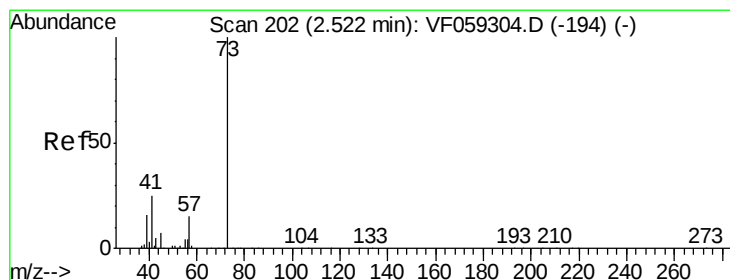
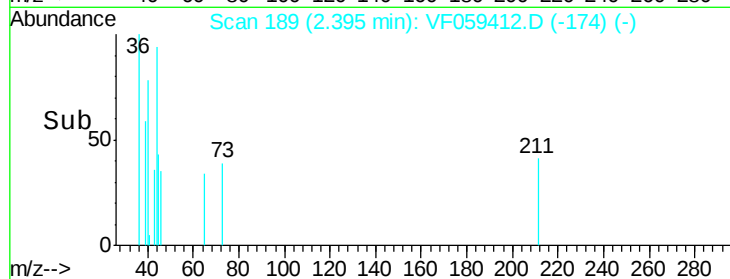
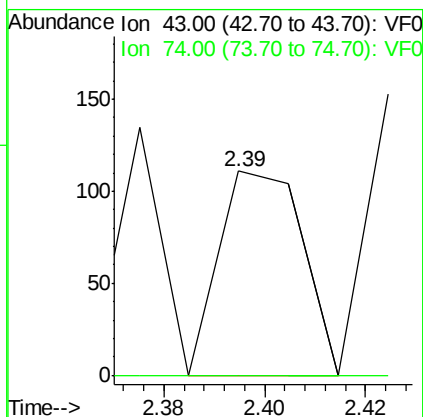
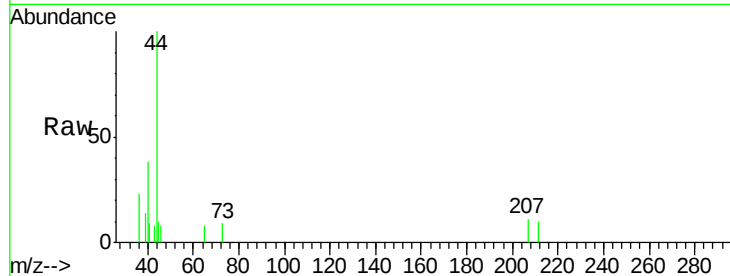




#18
Methyl Acetate
Concen: 284.675 ug/l
RT: 2.39 min Scan# 189
Delta R.T. -0.05 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

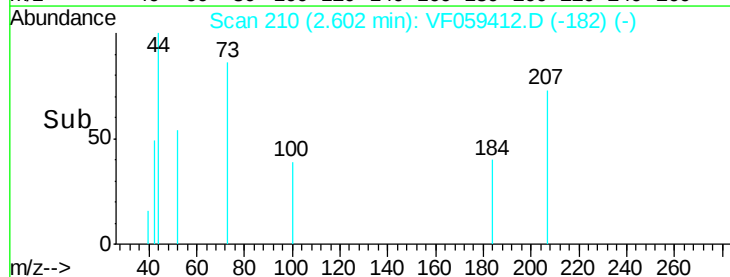
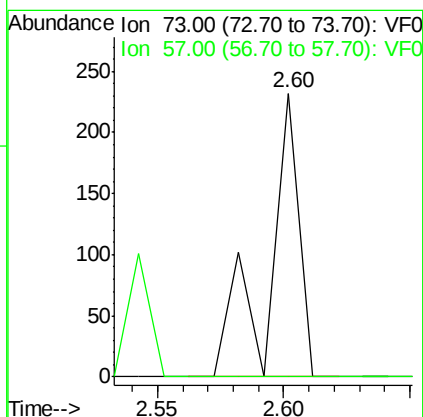
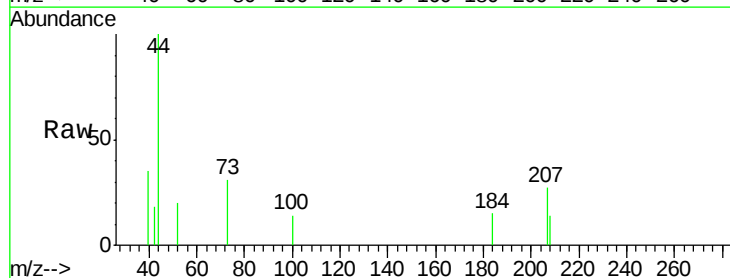
Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

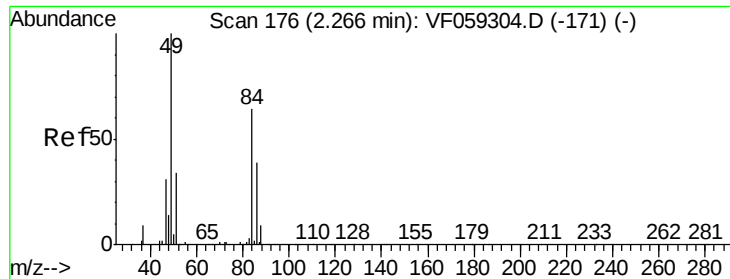
Tot Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
74 0.0 13.3 19.9#



#19
Methyl tert-butyl Ether
Concen: 115.434 ug/l
RT: 2.60 min Scan# 210
Delta R.T. 0.08 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 73 Resp: 198
Ion Ratio Lower Upper
73 100
57 0.0 12.3 18.5#

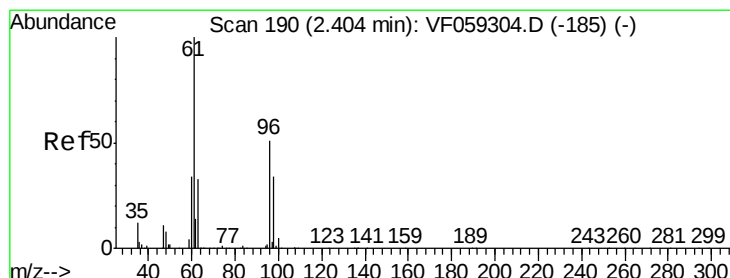
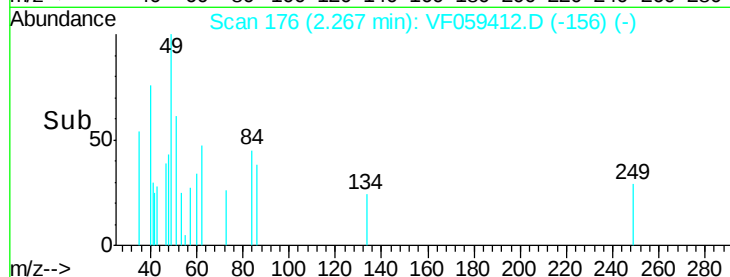
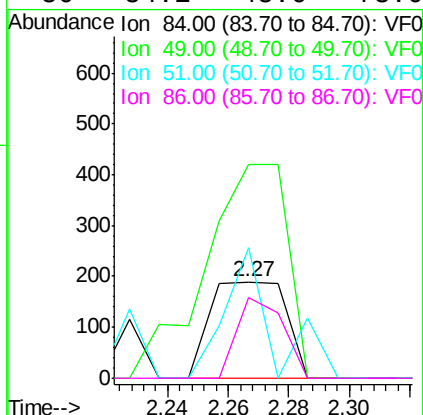
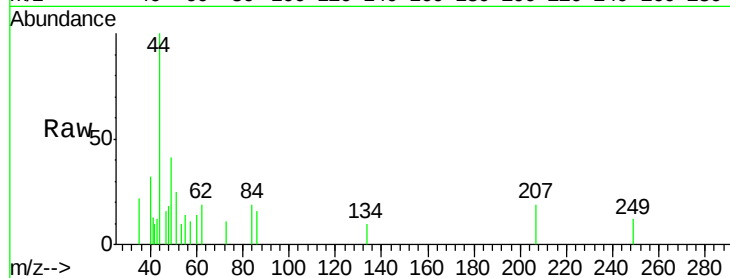




#20
Methvlene Chloride
Concen: 680.654 ug/l
RT: 2.27 min Scan# 176
Delta R.T. 0.00 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

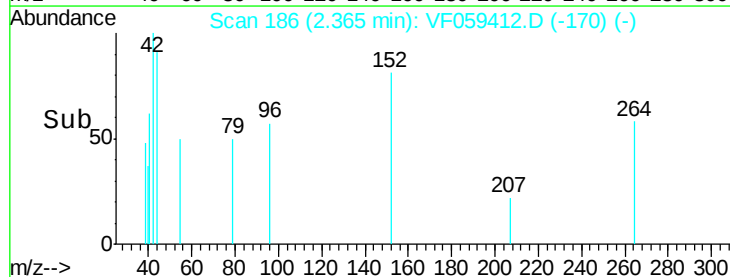
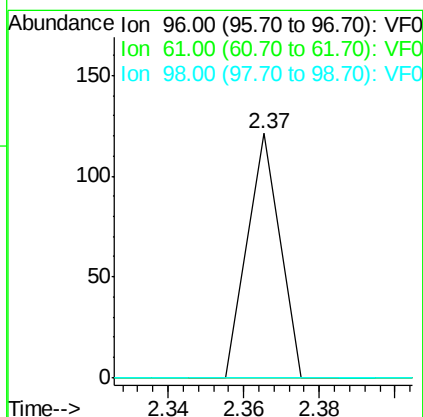
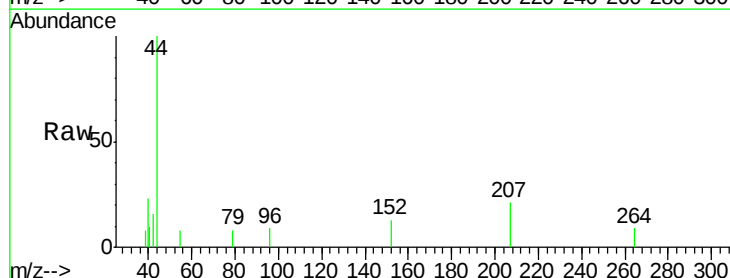
Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

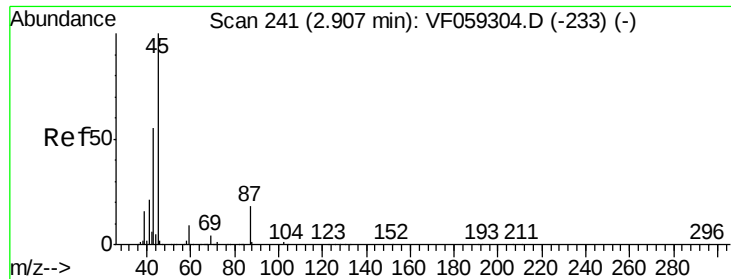
Tot Ion:	84	Resp:	332
Ion	Ratio	Lower	Upper
84	100		
49	221.7	126.5	189.7#
51	136.0	42.9	64.3#
86	84.1	48.6	73.0#



#21
trans-1,2-Dichloroethene
Concen: 146.775 ug/l
RT: 2.37 min Scan# 186
Delta R.T. -0.04 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion:	96	Resp:	72
Ion	Ratio	Lower	Upper
96	100		
61	0.0	157.4	236.2#
98	0.0	53.7	80.5#





#22

Diisopropyl ether

Concen: 43.420 ug/l

RT: 2.89 min Scan# 239

Delta R.T. -0.02 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

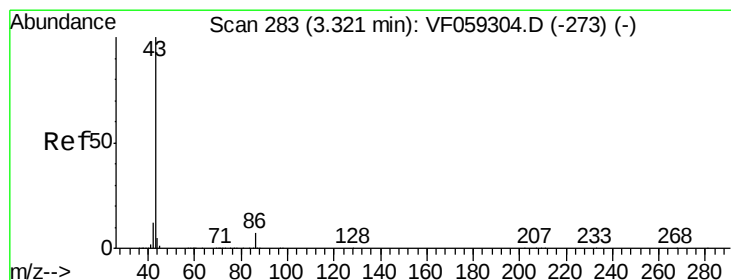
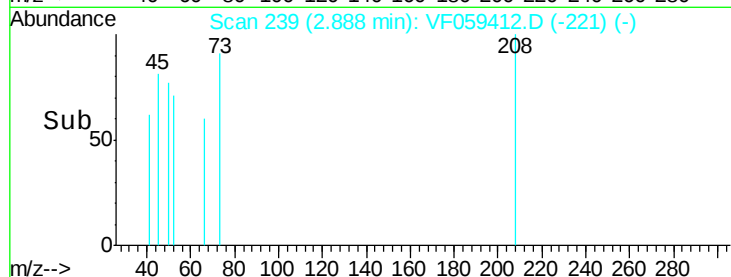
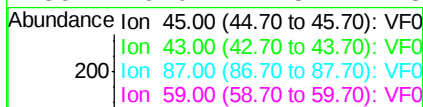
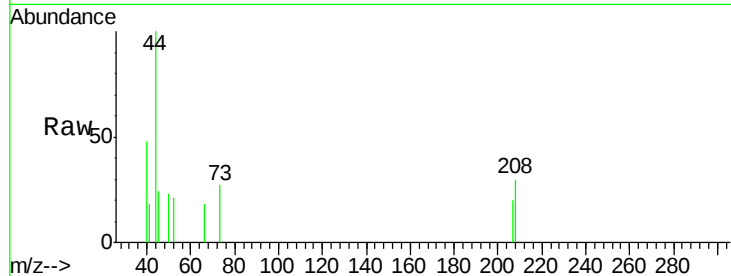
MSVOA_F

ClientSampleId :

SB-3(4-6)

Tot Ion: 45 Resp: 83

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#



#23

Vinyl Acetate

Concen: 175.785 ug/l

RT: 3.33 min Scan# 284

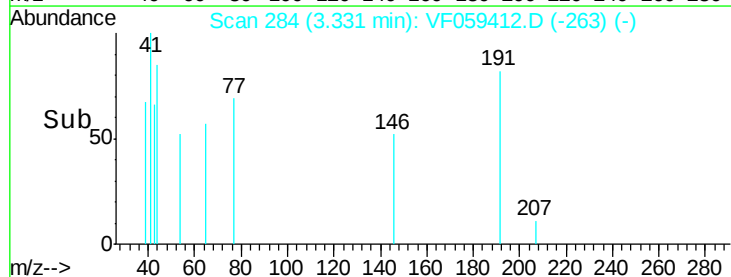
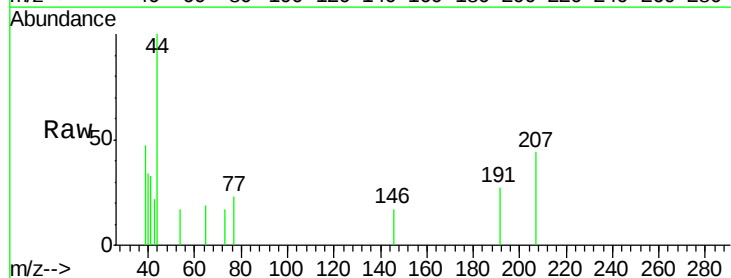
Delta R.T. 0.01 min

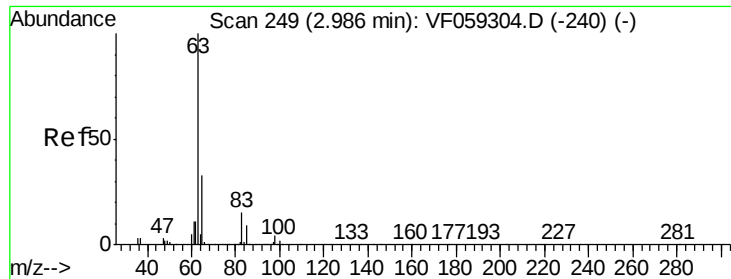
Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Tgt Ion: 43 Resp: 214

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.8	8.6#





#24

1,1-Dichloroethane

Concen: 68.344 ug/l

RT: 2.99 min Scan# 249

Delta R.T. 0.00 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

SB-3(4-6)

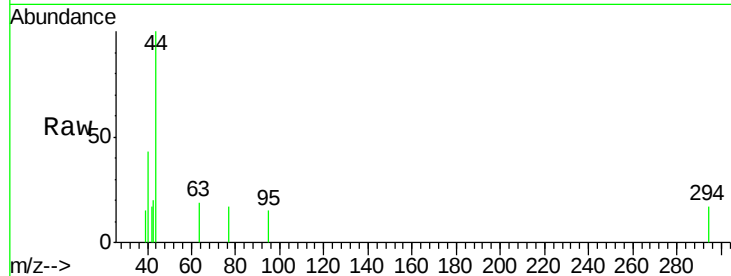
Tot Ion: 63 Resp: 81

Ion Ratio Lower Upper

63 100

98 0.0 2.0 6.0#

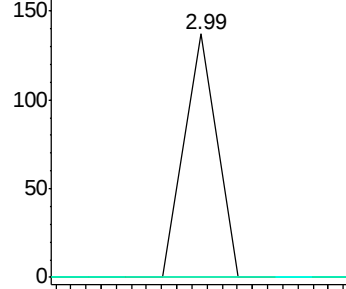
100 0.0 1.3 3.9#



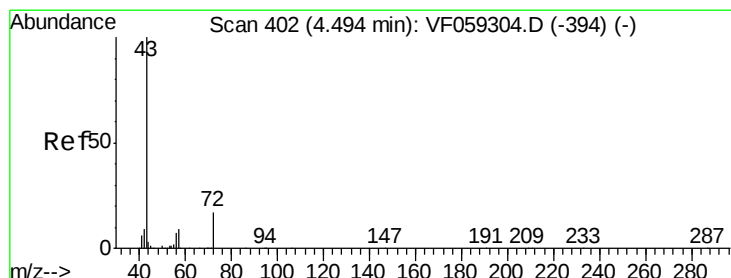
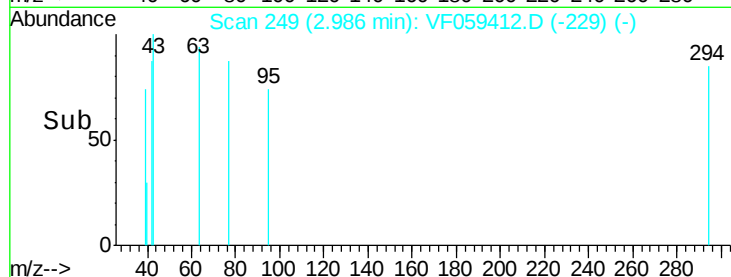
Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



Time-->



#25

2-Butanone

Concen: 1254.252 ug/l

RT: 4.50 min Scan# 403

Delta R.T. 0.01 min

Lab File: VF059412.D

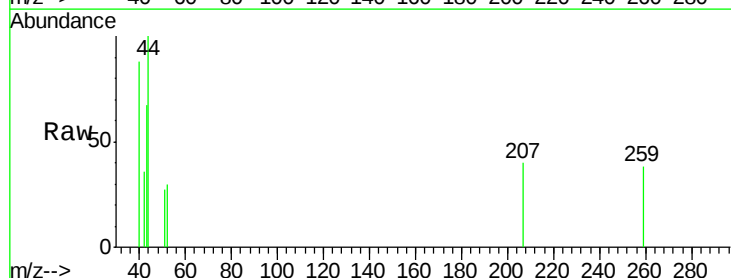
Acq: 3 Jul 2018 15:17

Tgt Ion: 43 Resp: 379

Ion Ratio Lower Upper

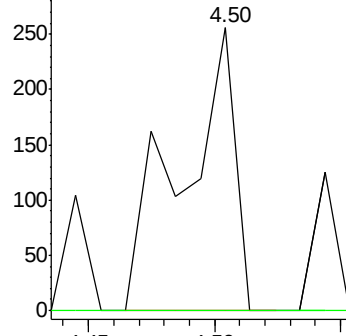
43 100

72 0.0 14.4 21.6#

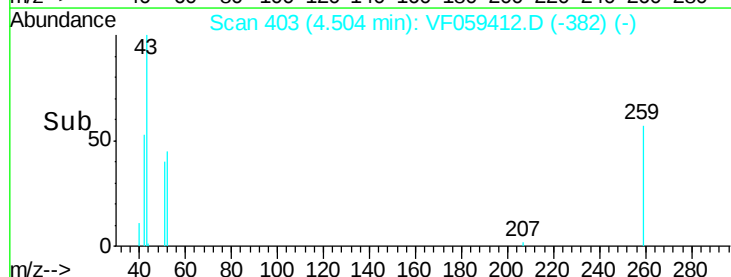


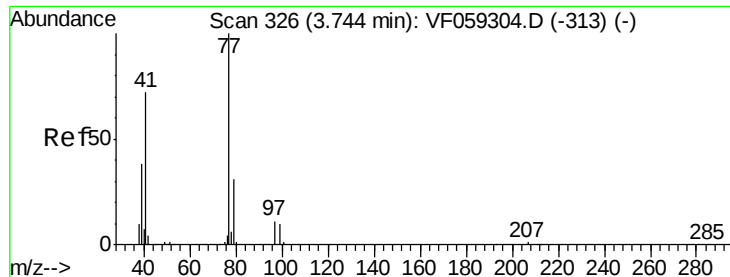
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



Time-->





#26

2,2-Dichloropropane

Concen: 252.003 ug/l

RT: 3.74 min Scan# 325

Delta R.T. -0.01 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampled :

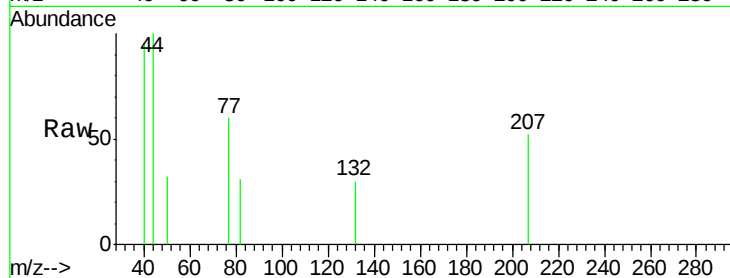
SB-3(4-6)

Tot Ion: 77 Resp: 206

Ion Ratio Lower Upper

77 100

97 0.0 8.0 23.8#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0

3.74

250

200

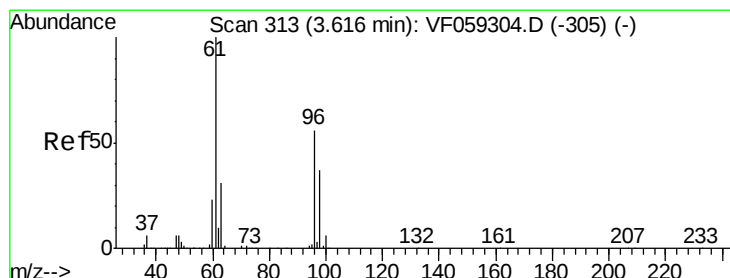
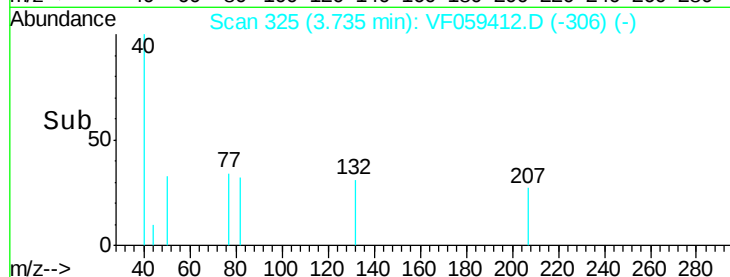
150

100

50

0

Time--> 3.70 3.72 3.74 3.76 3.78



#27

cis-1,2-Dichloroethene

Concen: 80.560 ug/l

RT: 3.61 min Scan# 312

Delta R.T. -0.01 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

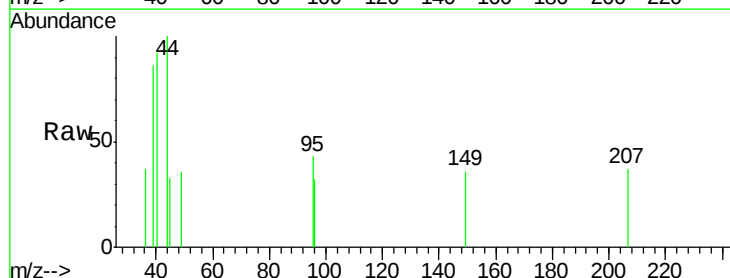
Tgt Ion: 96 Resp: 60

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

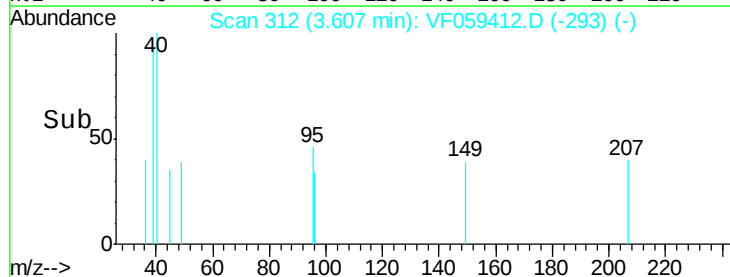
3.61

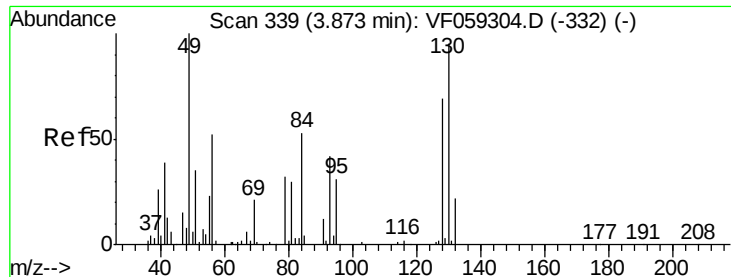
100

50

0

Time--> 3.58 3.60 3.62 3.64





#28

Bromochloromethane

Concen: 249.858 ug/l

RT: 3.78 min Scan# 330

Delta R.T. -0.09 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampled :

SB-3(4-6)

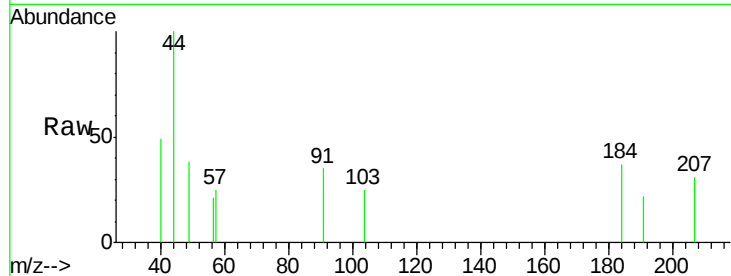
Tot Ion: 49 Resp: 106

Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.4

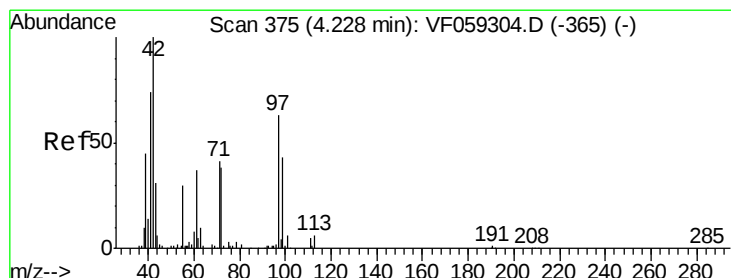
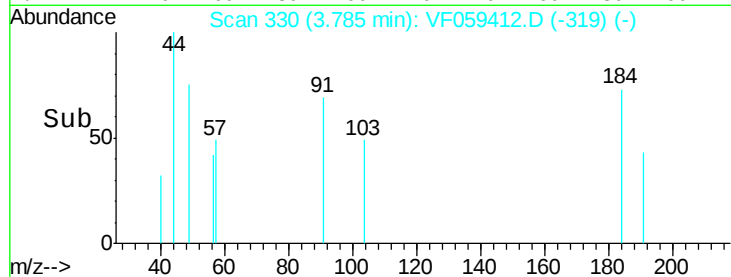
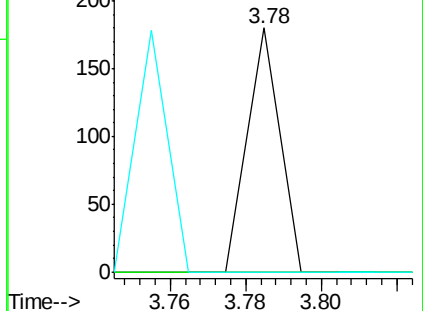
130 0.0 75.1 112.7#



Abundance Ion 49.00 (48.70 to 49.70): VF0

Ion 129.00 (128.70 to 129.70): VF0

Ion 130.00 (129.70 to 130.70): VF0



#29

Tetrahydrofuran

Concen: 646.691 ug/l

RT: 4.10 min Scan# 362

Delta R.T. -0.13 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

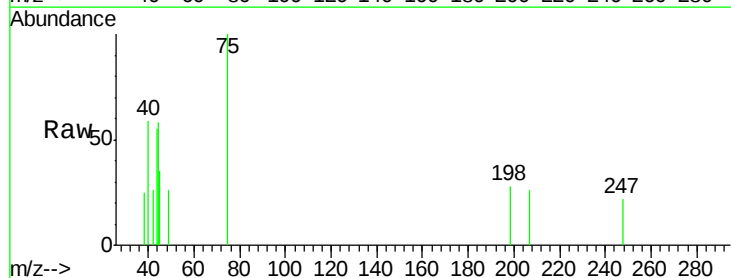
Tgt Ion: 42 Resp: 82

Ion Ratio Lower Upper

42 100

72 0.0 30.5 45.7#

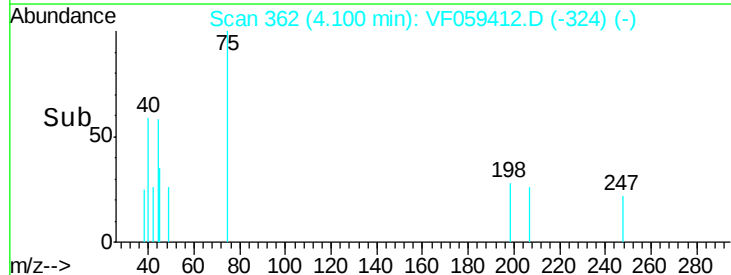
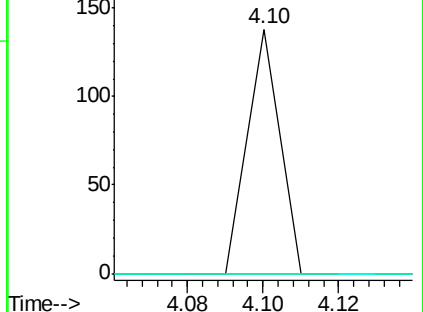
71 0.0 32.5 48.7#

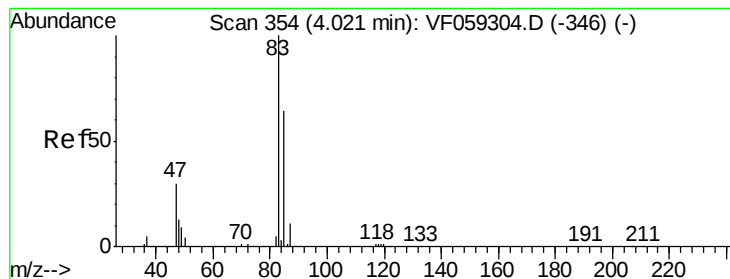


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0





#30

Chloroform

Concen: 75.768 ug/l

RT: 3.86 min Scan# 338

Delta R.T. -0.16 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

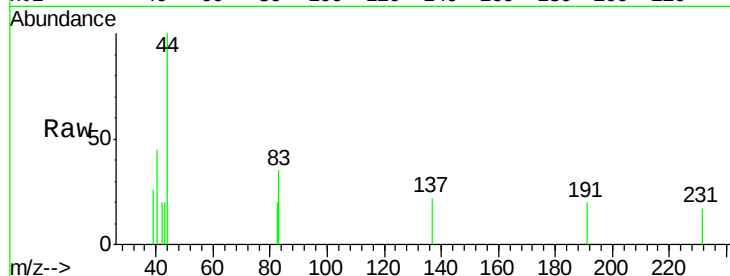
SB-3(4-6)

Tot Ion: 83 Resp: 130

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

3.86

250

200

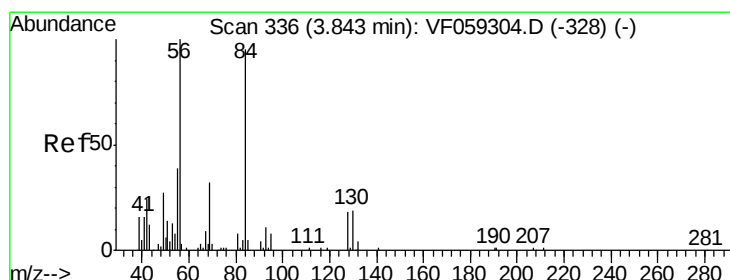
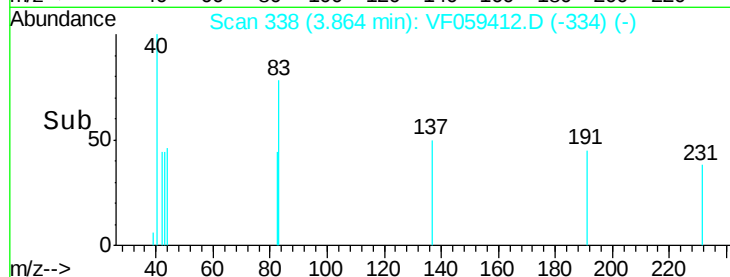
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 77.279 ug/l

RT: 3.78 min Scan# 330

Delta R.T. -0.06 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

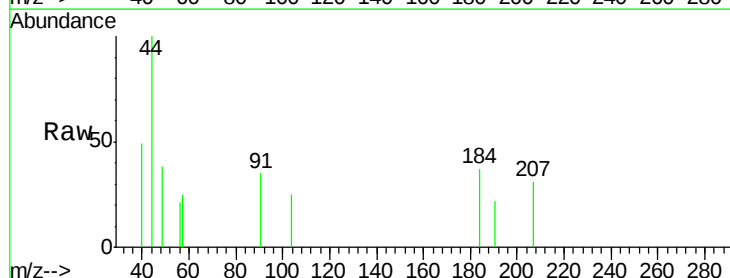
Tgt Ion: 56 Resp: 60

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

250

200

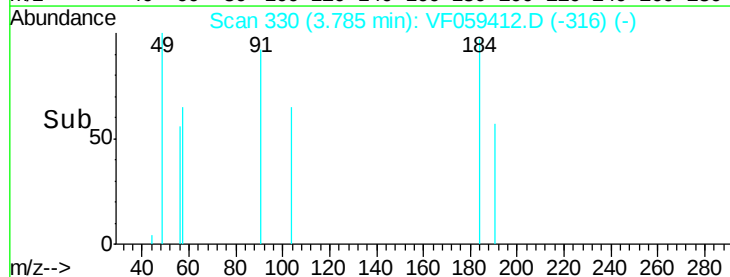
150

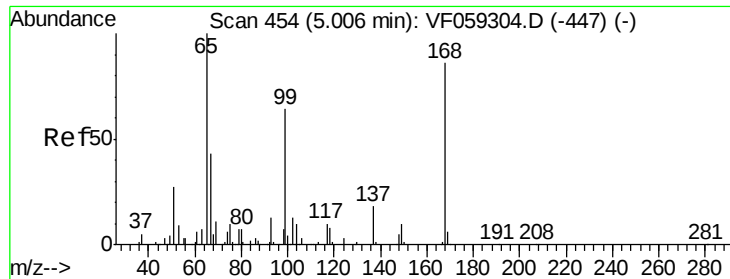
100

50

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 1467.626 ug/l

RT: 5.00 min Scan# 453

Delta R.T. -0.01 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

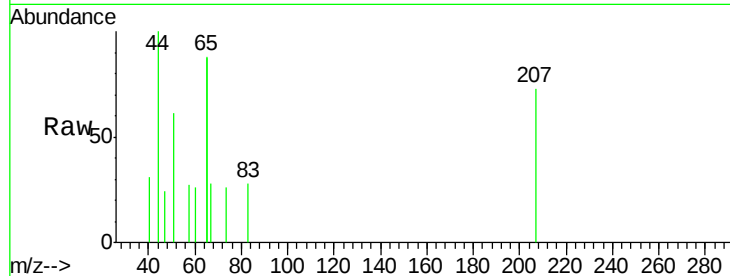
SB-3(4-6)

Tot Ion: 65 Resp: 1479

Ion Ratio Lower Upper

65 100

67 16.0 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

800

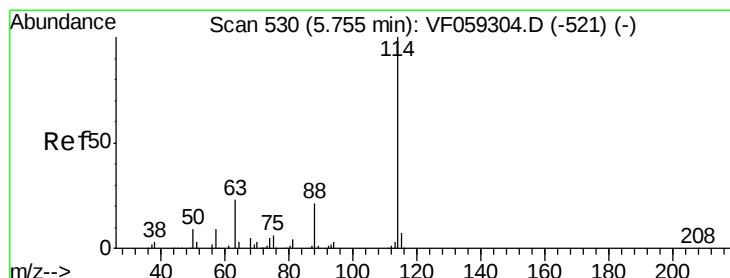
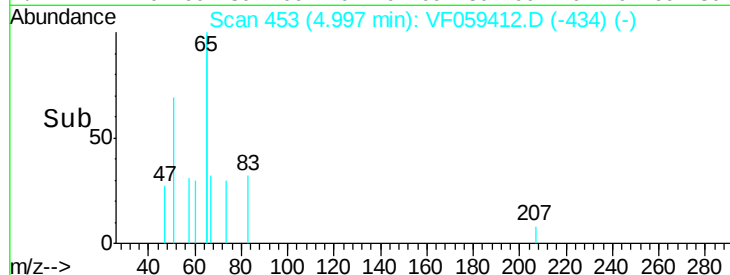
600

400

200

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.01 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

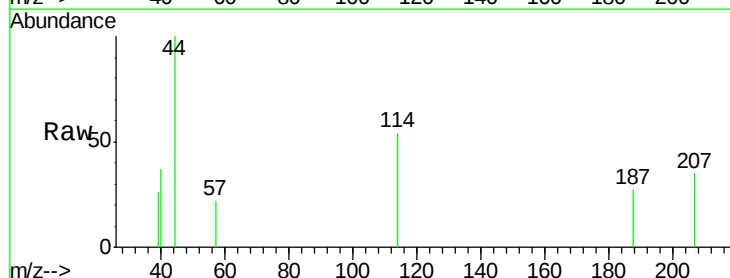
Tgt Ion: 114 Resp: 256

Ion Ratio Lower Upper

114 100

63 0.0 0.0 45.8

88 0.0 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

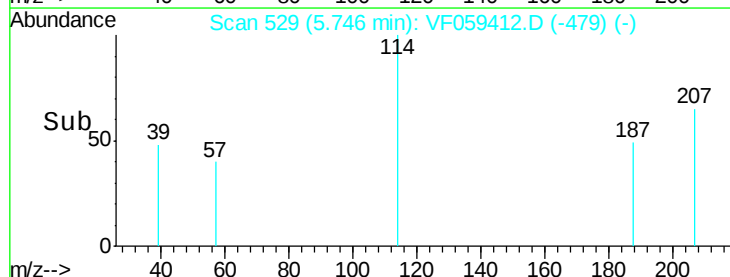
300

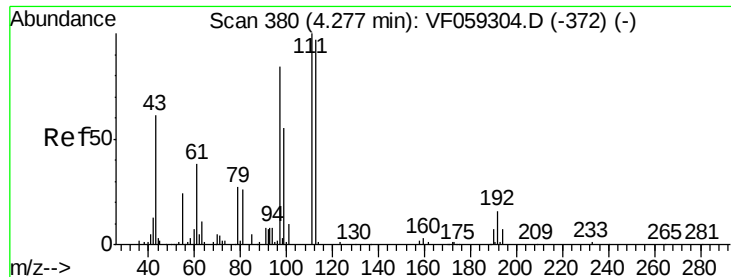
200

100

0

Time-->





#35

Dibromofluoromethane

Concen: 93.557 ug/l

RT: 4.26 min Scan# 378

Delta R.T. -0.02 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampled :

SB-3(4-6)

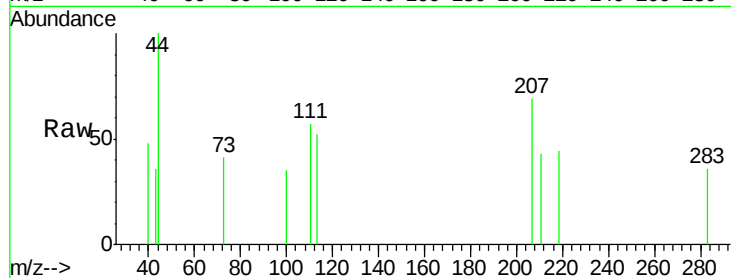
Tot Ion:113 Resp: 175

Ion Ratio Lower Upper

113 100

111 109.3 82.1 123.1

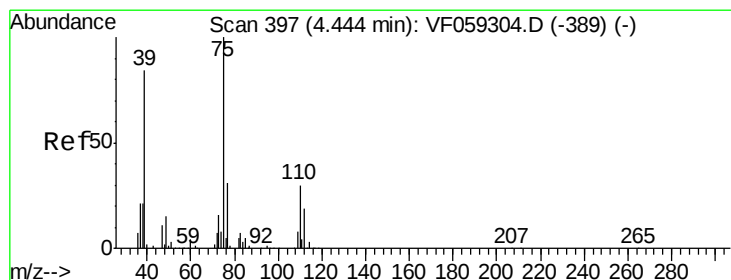
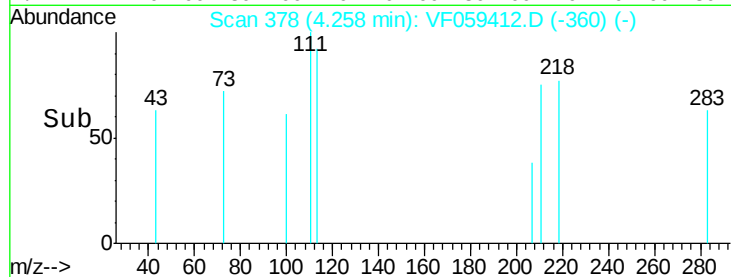
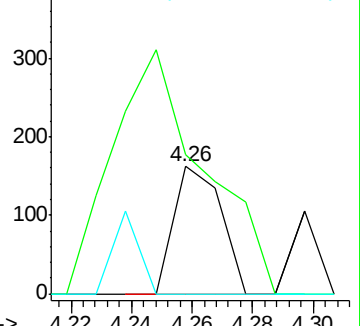
192 0.0 13.0 19.6#



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: 29.512 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.17 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

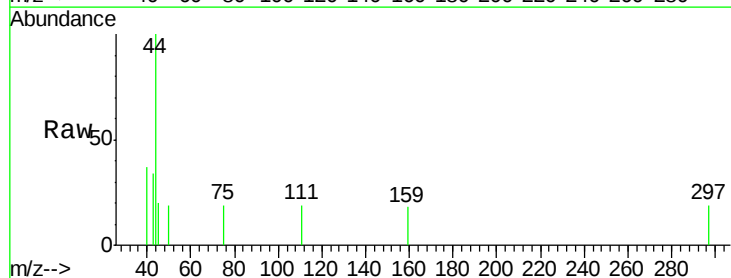
Tgt Ion: 75 Resp: 66

Ion Ratio Lower Upper

75 100

110 0.0 14.8 44.4#

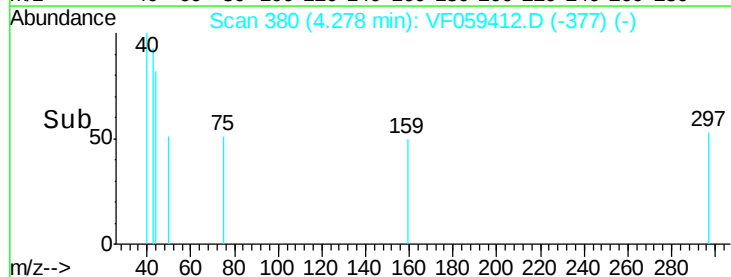
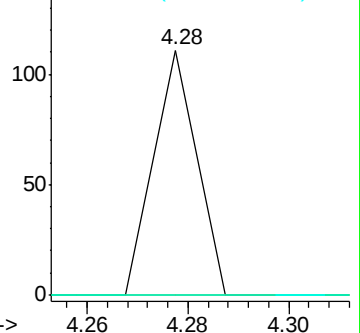
77 0.0 25.2 37.8#

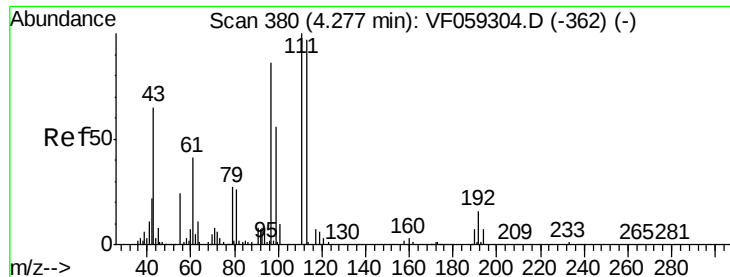


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0

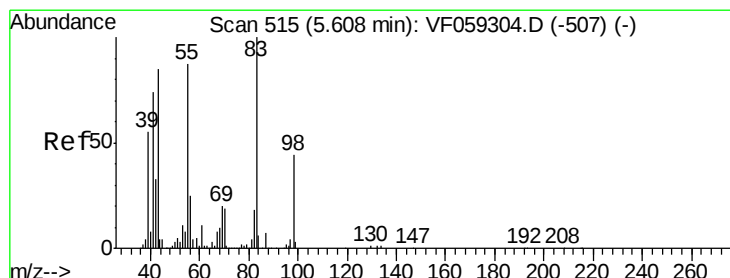
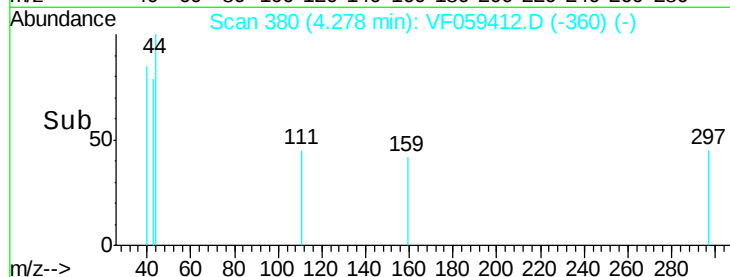
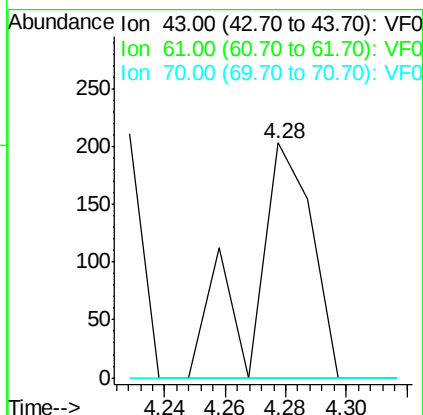
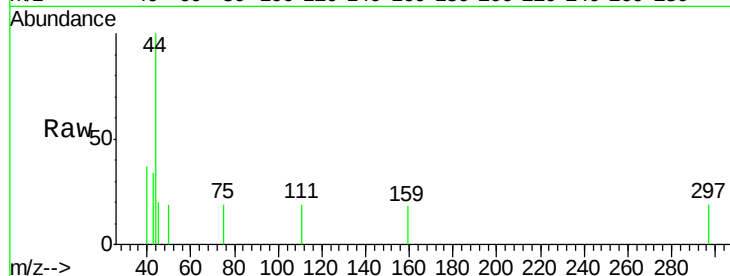




#37
Ethyl Acetate
Concen: 198.009 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.00 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

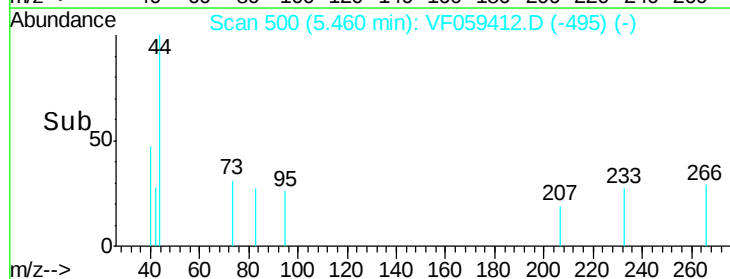
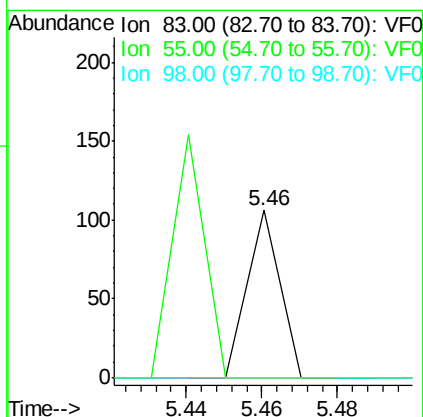
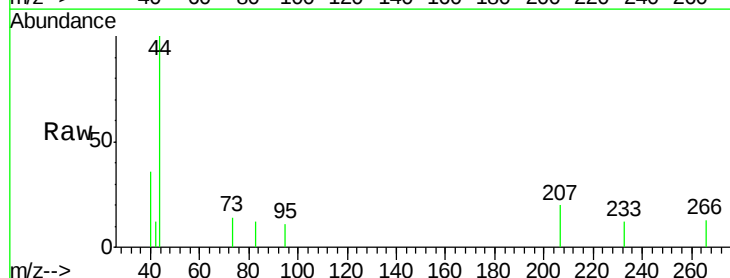
Instrument :
MSVOA_F
ClientSampled :
SB-3(4-6)

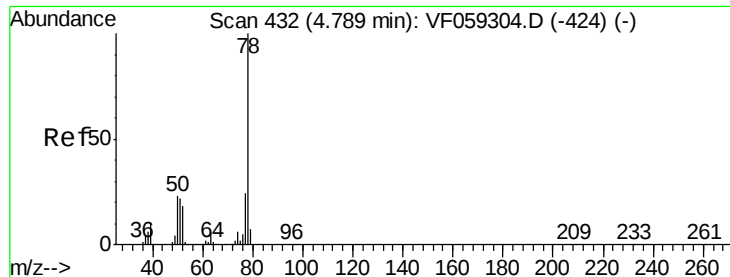
Tot Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
61 0.0 50.1 75.1#
70 0.0 6.2 9.4#



#39
Methylcyclohexane
Concen: 31.790 ug/l
RT: 5.46 min Scan# 500
Delta R.T. -0.15 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 83 Resp: 63
Ion Ratio Lower Upper
83 100
55 0.0 69.2 103.8#
98 0.0 35.0 52.6#





#40

Benzene

Concen: 12.504 ug/l

RT: 4.76 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

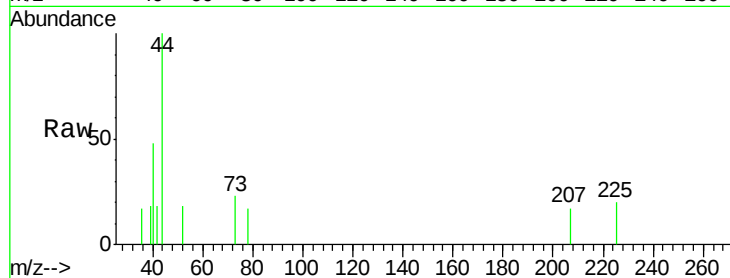
SB-3(4-6)

Tot Ion: 78 Resp: 62

Ion Ratio Lower Upper

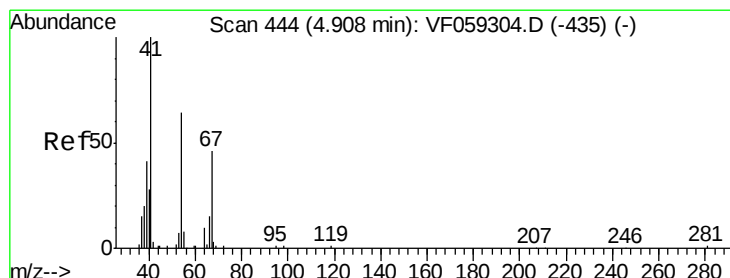
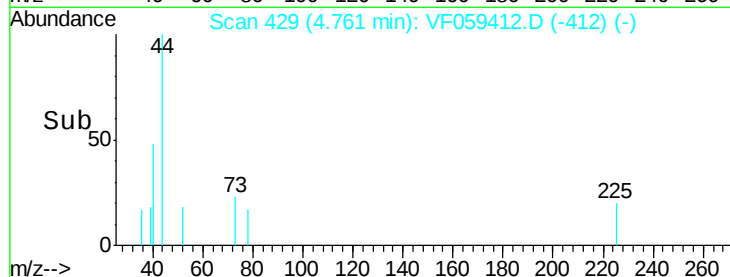
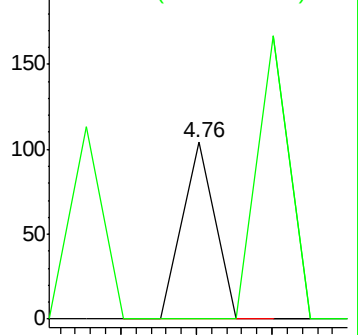
78 100

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



#41

Methacrylonitrile

Concen: 87.828 ug/l

RT: 4.89 min Scan# 442

Delta R.T. -0.02 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Tgt Ion: 41 Resp: 67

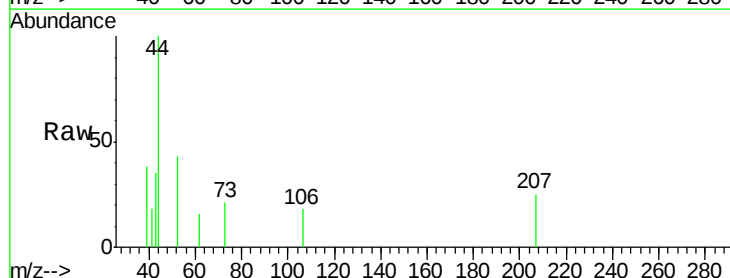
Ion Ratio Lower Upper

41 100

39 208.8 50.0 75.0#

67 0.0 37.0 55.6#

52 236.3 37.1 55.7#

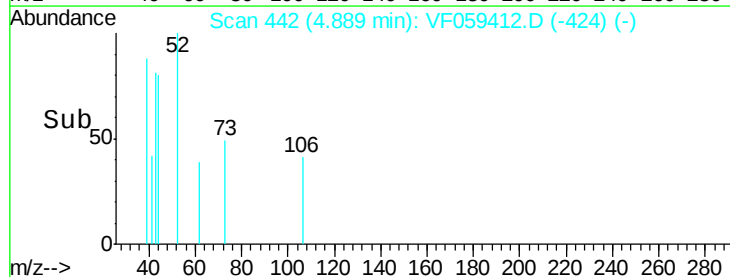
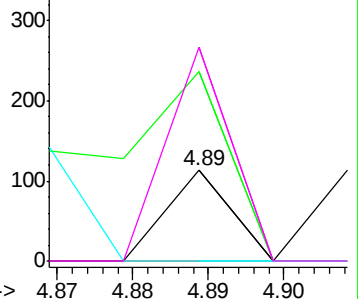


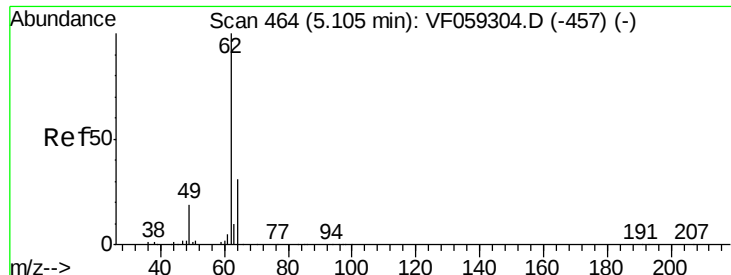
Abundance Ion 41.00 (40.70 to 41.70): VF0

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





#42

1,2-Dichloroethane

Concen: 24.159 ug/l

RT: 5.14 min Scan# 468

Delta R.T. 0.04 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

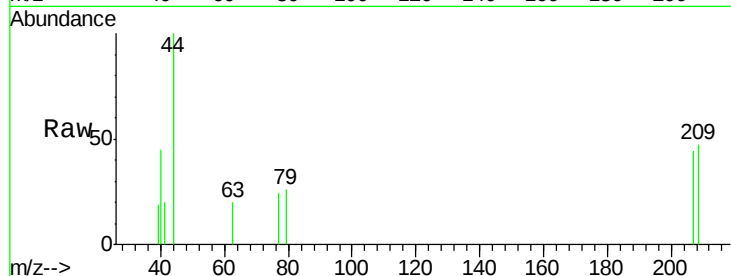
SB-3(4-6)

Tot Ion: 62 Resp: 70

Ion Ratio Lower Upper

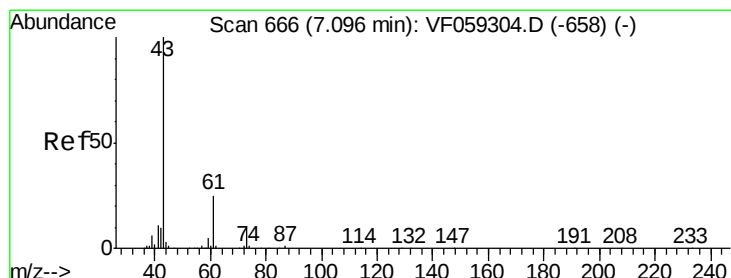
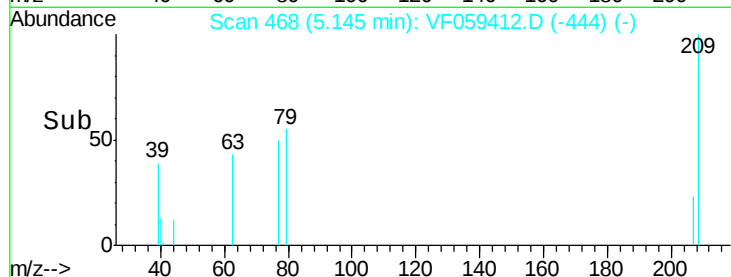
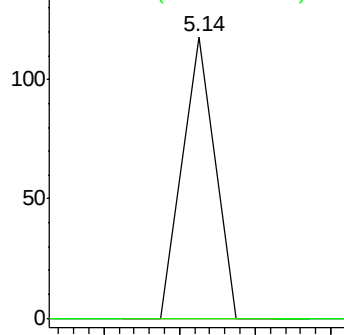
62 100

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



#43

Isopropyl Acetate

Concen: 104.682 ug/l

RT: 7.08 min Scan# 664

Delta R.T. -0.02 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

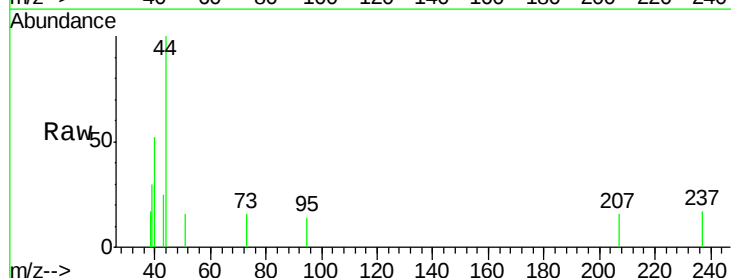
Tgt Ion: 43 Resp: 195

Ion Ratio Lower Upper

43 100

61 0.0 19.7 29.5#

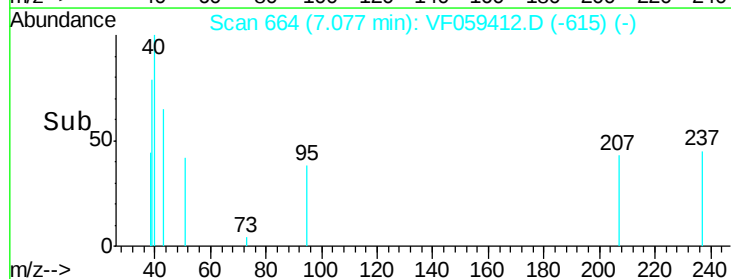
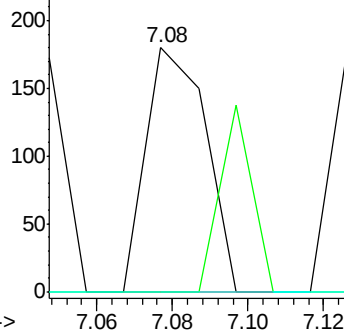
87 0.0 0.5 0.7#

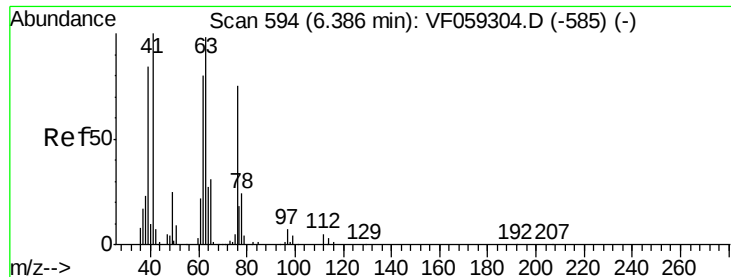


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#45

1,2-Dichloropropane

Concen: 42.352 ug/l

RT: 6.26 min Scan# 581

Delta R.T. -0.13 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

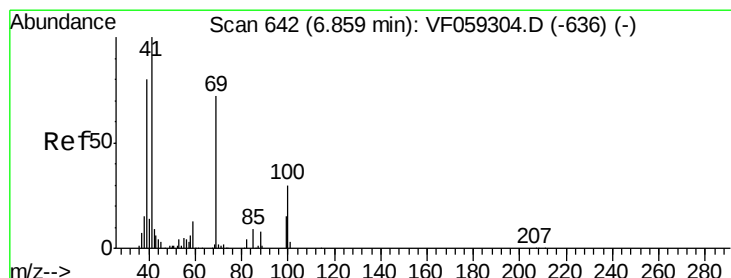
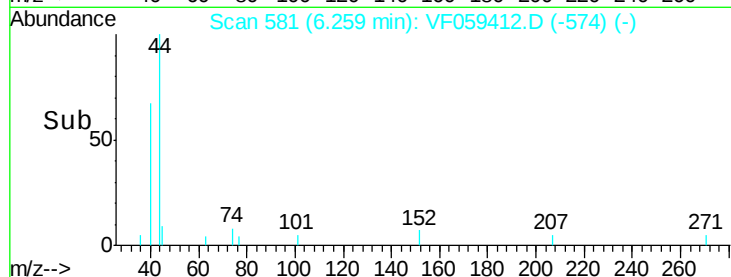
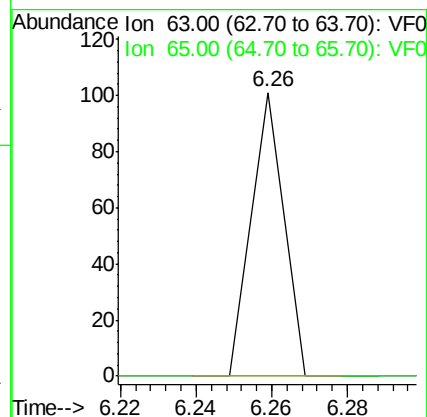
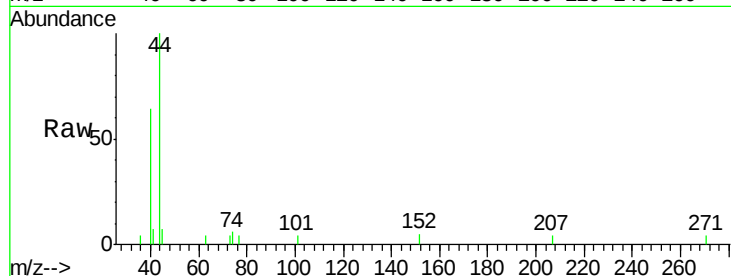
SB-3(4-6)

Tot Ion: 63 Resp: 60

Ion Ratio Lower Upper

63 100

65 0.0 25.3 37.9#



#48

Methyl methacrylate

Concen: 112.137 ug/l

RT: 6.85 min Scan# 641

Delta R.T. -0.01 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

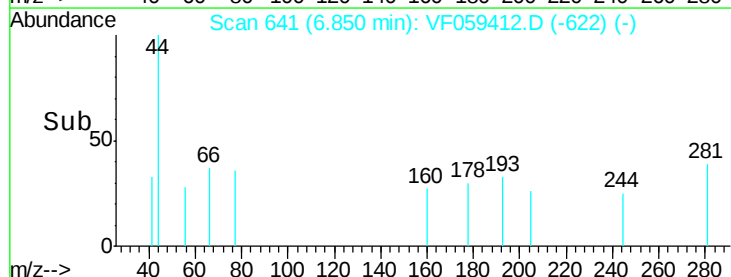
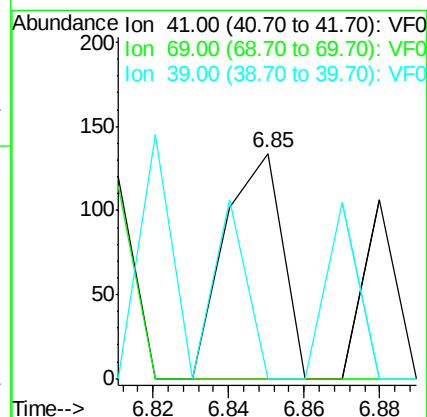
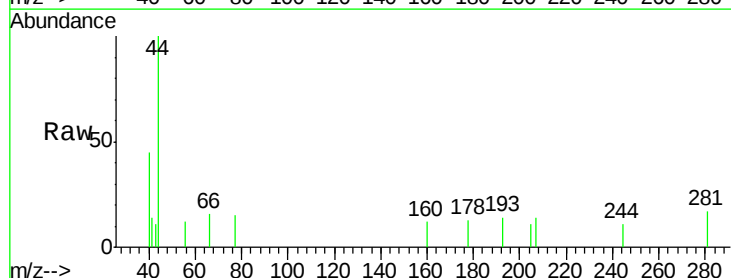
Tgt Ion: 41 Resp: 140

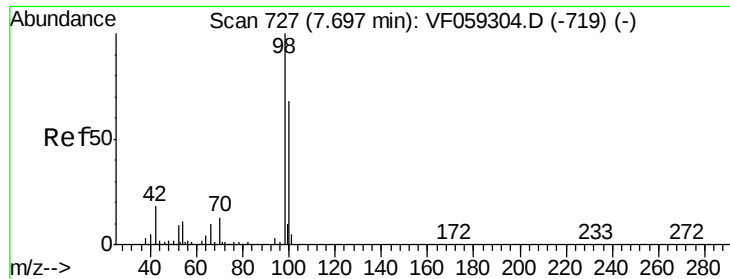
Ion Ratio Lower Upper

41 100

69 0.0 57.3 85.9#

39 0.0 64.4 96.6#

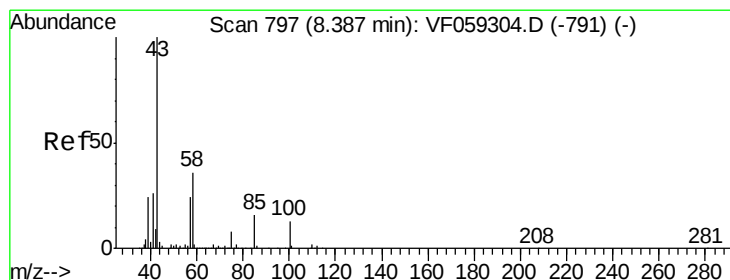
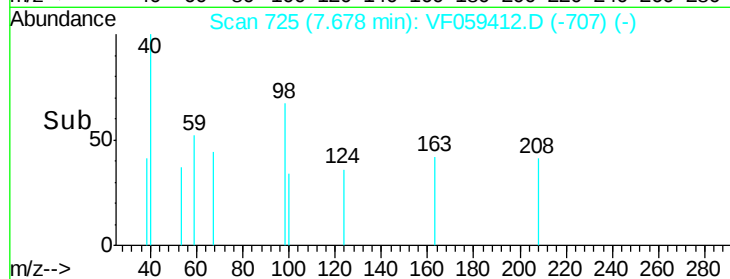
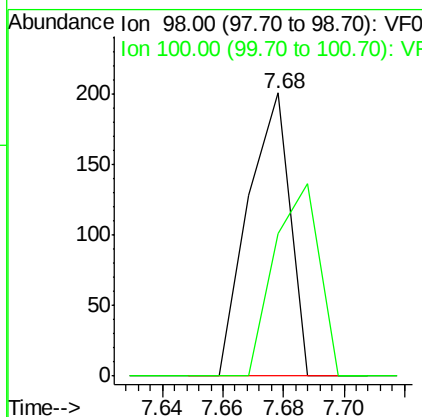
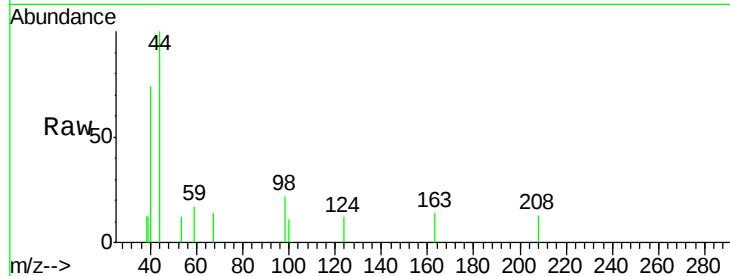




#50
Toluene-d8
Concen: 42.106 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

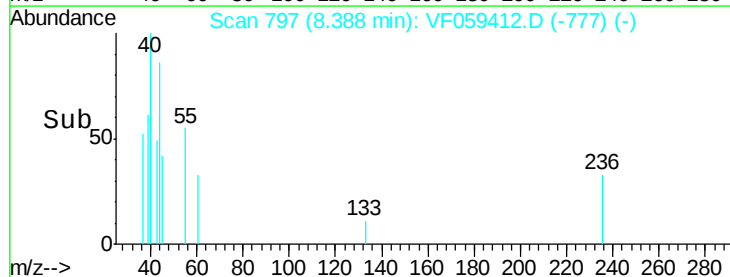
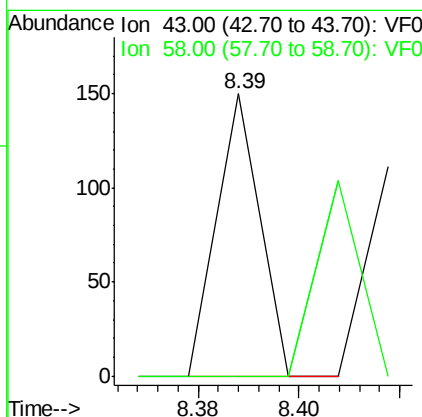
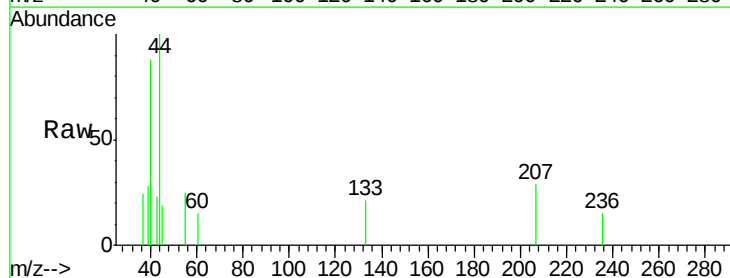
Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

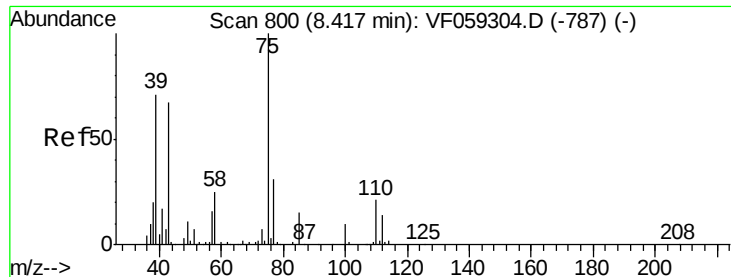
Tot Ion: 98 Resp: 195
Ion Ratio Lower Upper
98 100
100 50.2 54.6 82.0#



#51
4-Methyl-2-Pentanone
Concen: 64.491 ug/l
RT: 8.39 min Scan# 797
Delta R.T. 0.00 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion: 43 Resp: 89
Ion Ratio Lower Upper
43 100
58 0.0 28.4 42.6#





#53

t-1,3-Dichloropropene

Concen: 40.912 ug/l

RT: 8.43 min Scan# 801

Delta R.T. 0.01 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

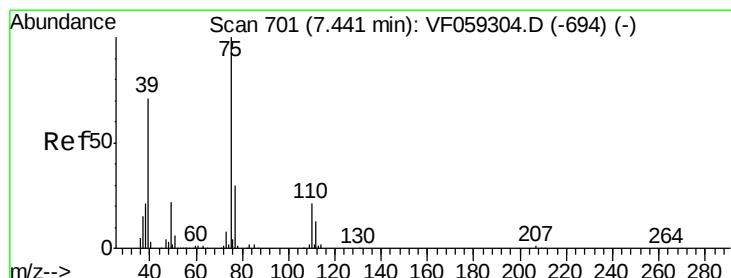
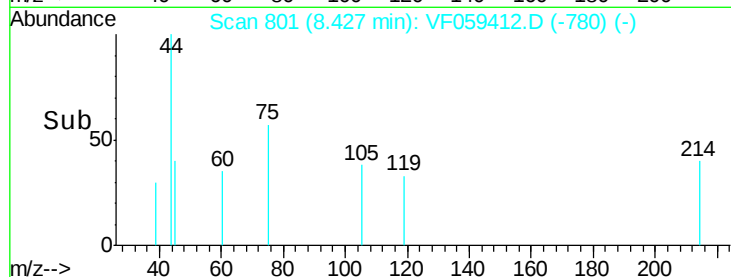
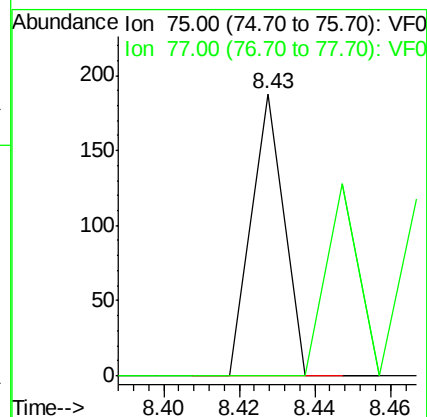
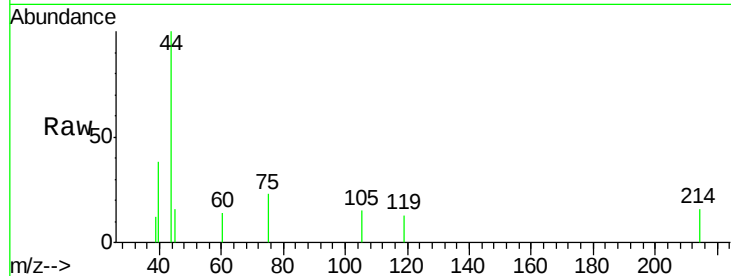
SB-3(4-6)

Tot Ion: 75 Resp: 111

Ion Ratio Lower Upper

75 100

77 0.0 25.3 37.9#



#54

cis-1,3-Dichloropropene

Concen: 26.807 ug/l

RT: 7.26 min Scan# 683

Delta R.T. -0.18 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

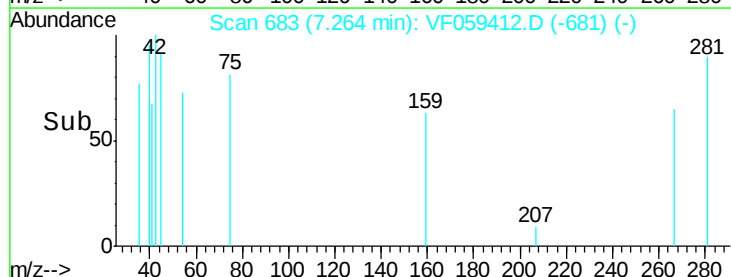
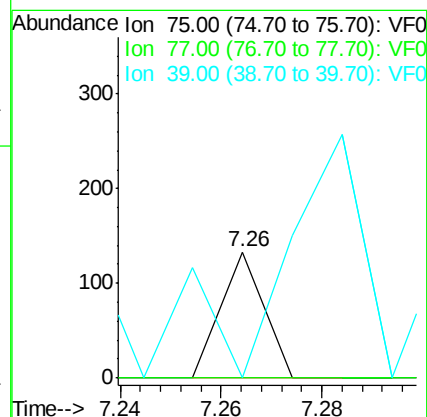
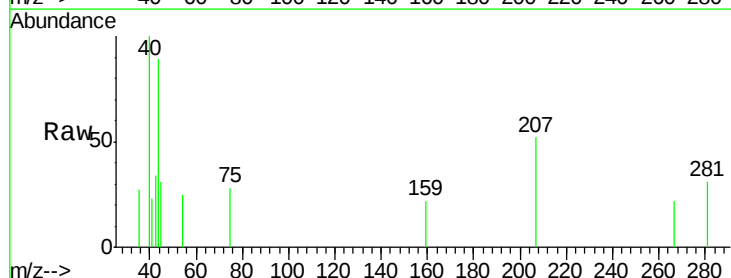
Tgt Ion: 75 Resp: 79

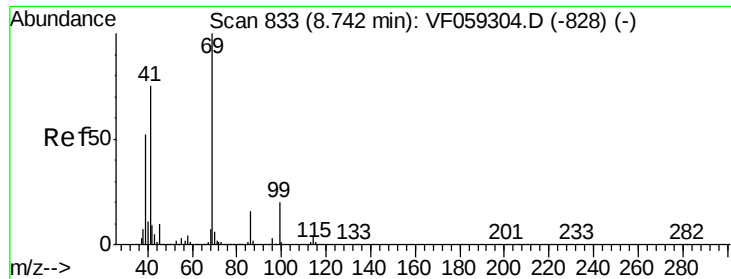
Ion Ratio Lower Upper

75 100

77 0.0 24.3 36.5#

39 0.0 57.2 85.8#





#56

Ethyl methacrylate

Concen: 49.312 ug/l

RT: 8.71 min Scan# 830

Delta R.T. -0.03 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampled :

SB-3(4-6)

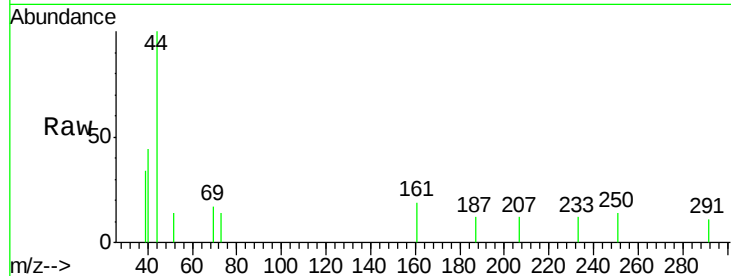
Tot Ion: 69 Resp: 88

Ion Ratio Lower Upper

69 100

41 0.0 60.3 90.5#

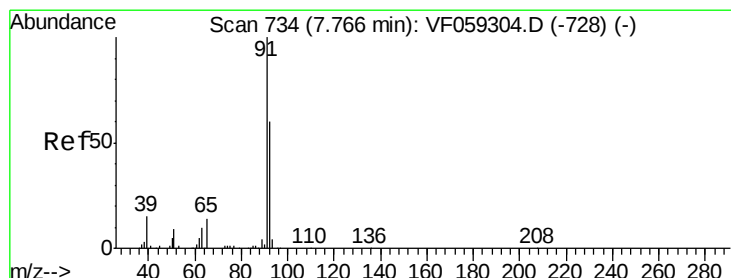
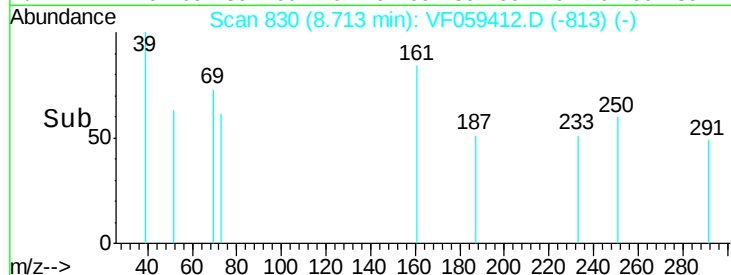
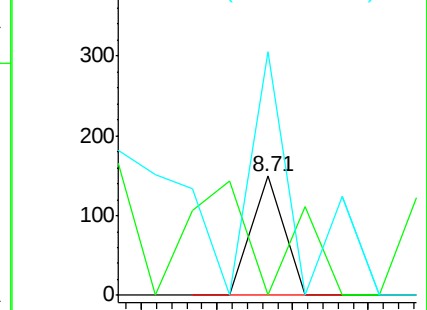
39 204.7 42.2 63.4#



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: 515.537 ug/l

RT: 7.85 min Scan# 742

Delta R.T. 0.08 min

Lab File: VF059412.D

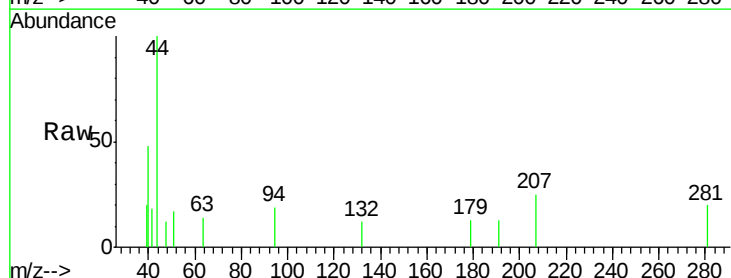
Acq: 3 Jul 2018 15:17

Tgt Ion: 63 Resp: 69

Ion Ratio Lower Upper

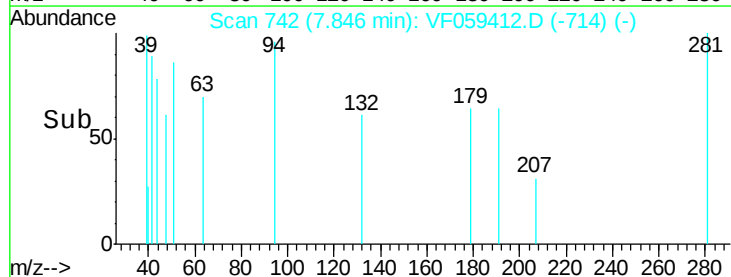
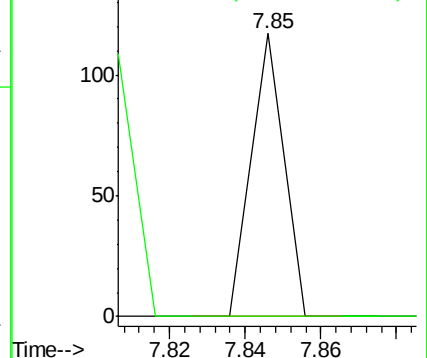
63 100

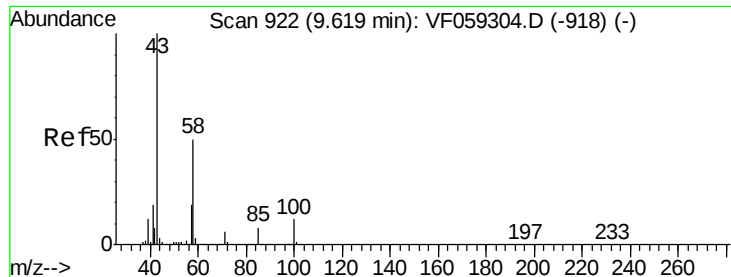
106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

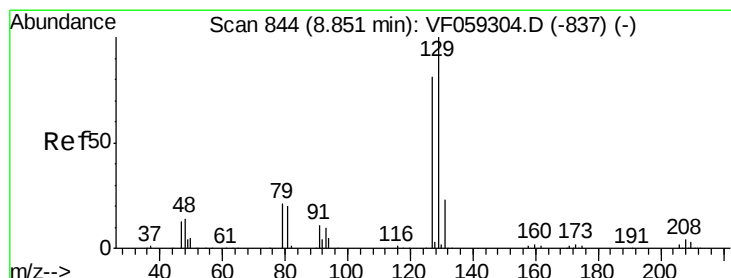
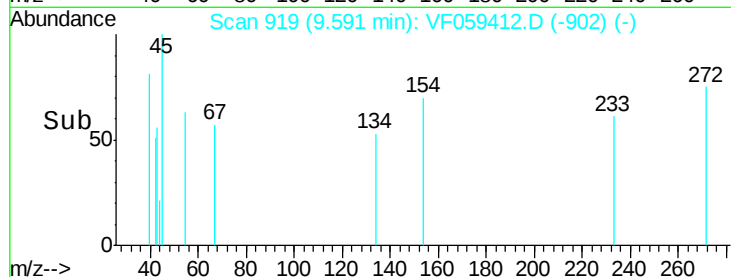
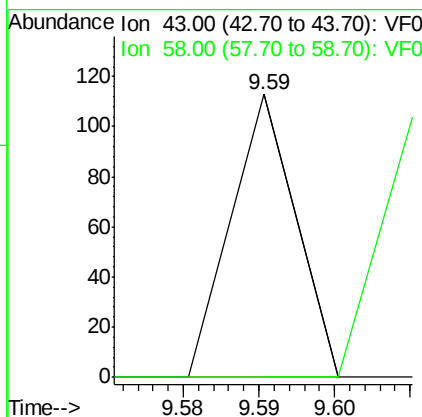
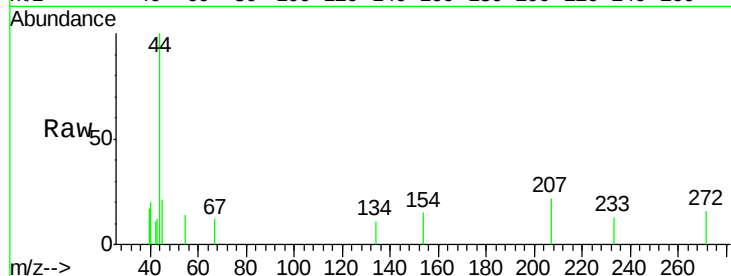




#59
 2-Hexanone
 Concen: 51.185 ug/l
 RT: 9.59 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: VF059412.D
 Acq: 3 Jul 2018 15:17

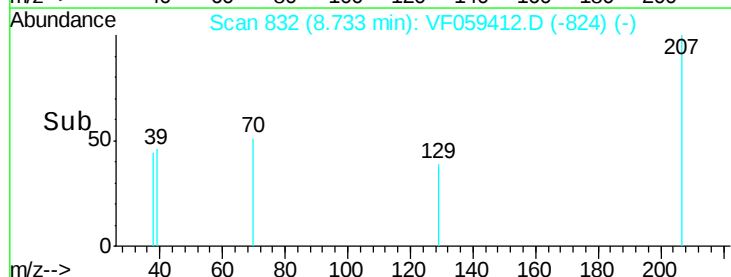
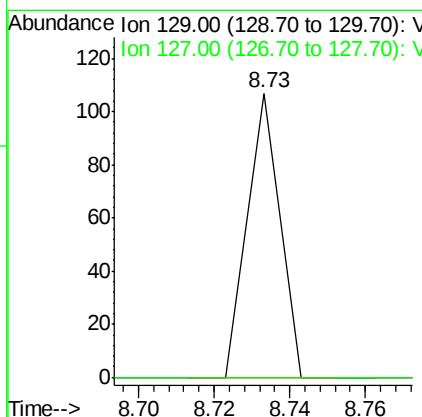
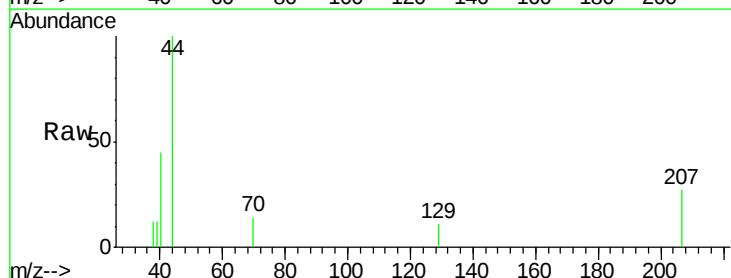
Instrument :
 MSVOA_F
 ClientSampled :
 SB-3(4-6)

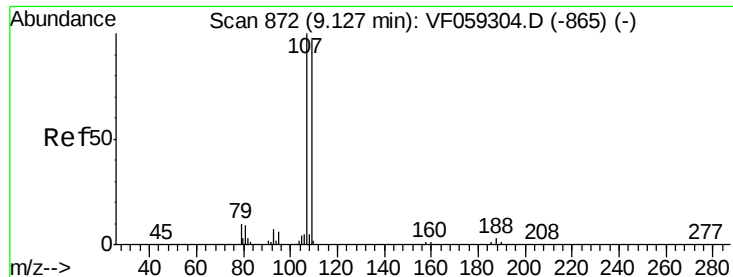
Tot Ion: 43 Resp: 67
 Ion Ratio Lower Upper
 43 100
 58 0.0 23.3 69.9#



#60
 Dibromochloromethane
 Concen: 28.327 ug/l
 RT: 8.73 min Scan# 832
 Delta R.T. -0.12 min
 Lab File: VF059412.D
 Acq: 3 Jul 2018 15:17

Tgt Ion: 129 Resp: 63
 Ion Ratio Lower Upper
 129 100
 127 0.0 40.7 122.1#





#61

1,2-Dibromoethane

Concen: 34.915 ug/l

RT: 9.19 min Scan# 878

Delta R.T. 0.06 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

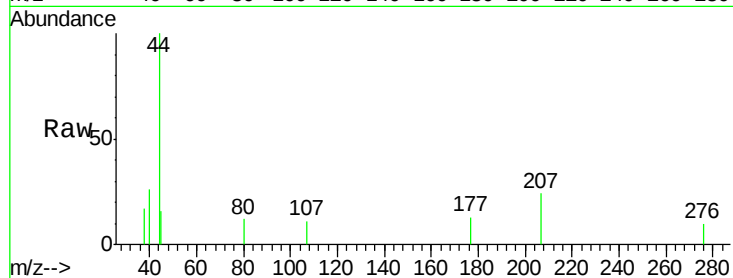
SB-3(4-6)

Tot Ion:107 Resp: 61

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

100

80

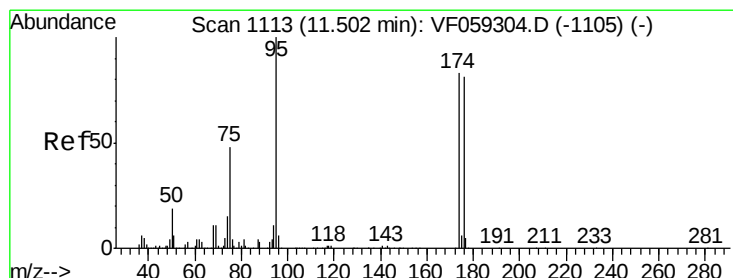
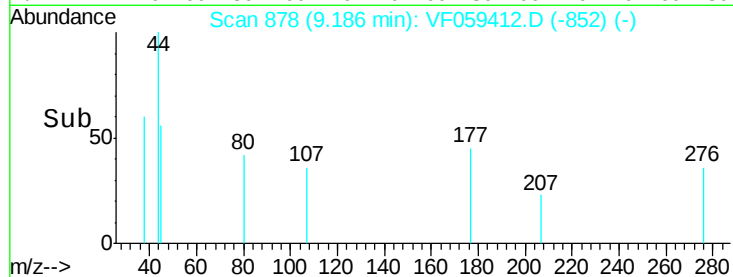
60

40

20

0

Time-->



#62

4-Bromofluorobenzene

Concen: 111.008 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.02 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

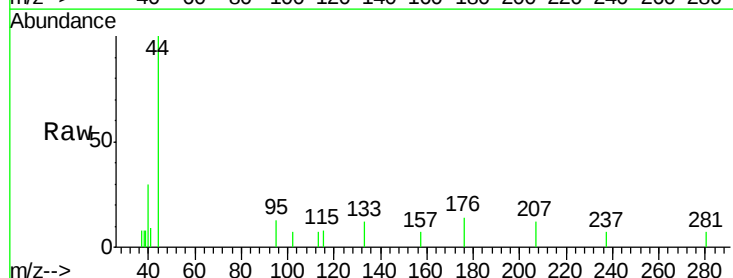
Tgt Ion: 95 Resp: 290

Ion Ratio Lower Upper

95 100

174 0.0 0.0 165.2

176 105.4 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

11.48

200

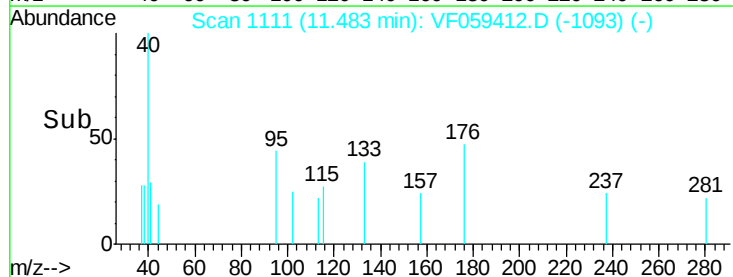
150

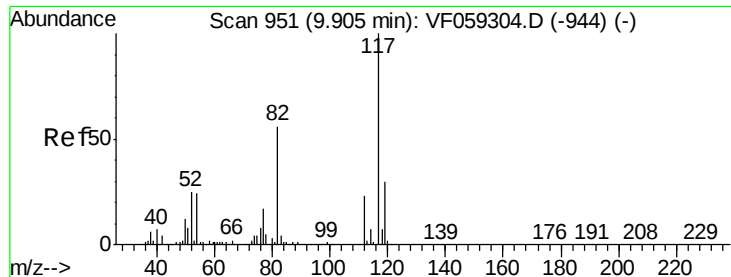
100

50

0

Time-->

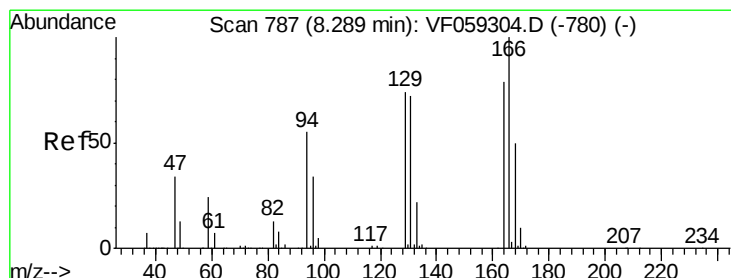
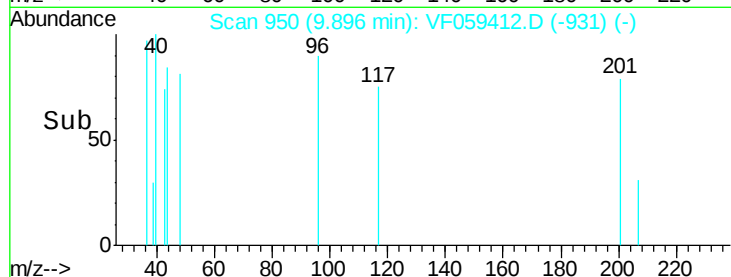
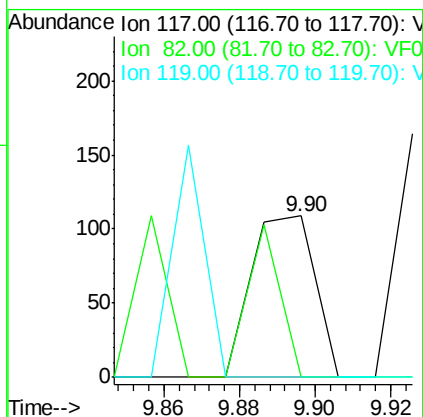
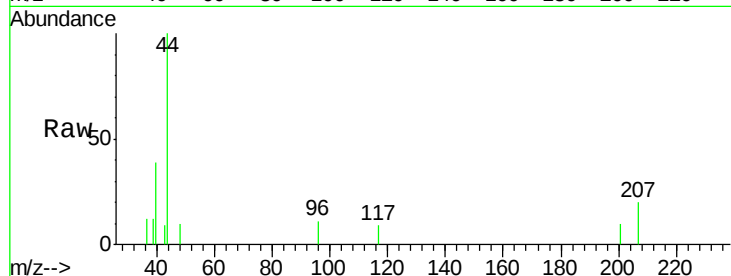




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

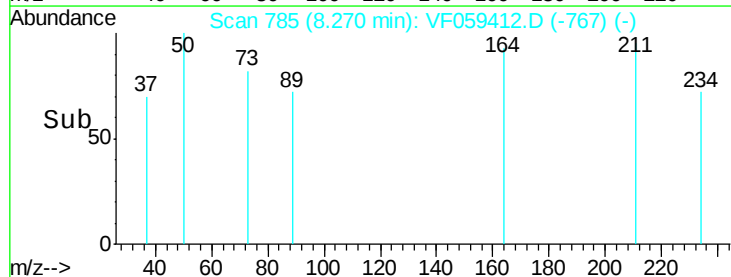
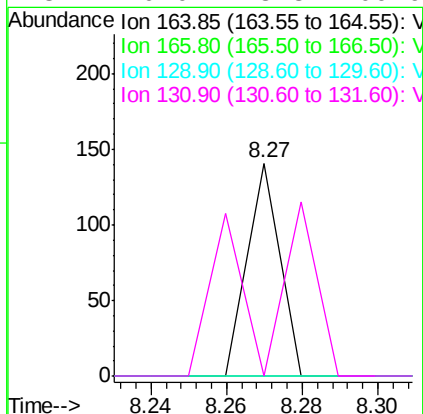
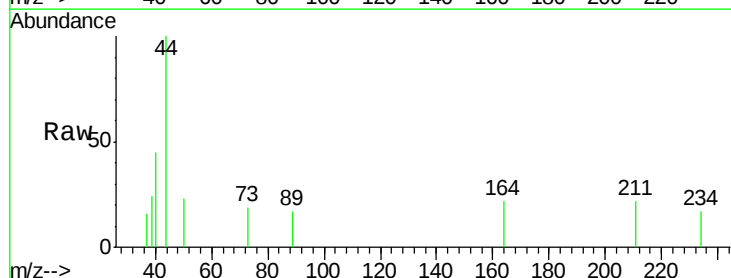
Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

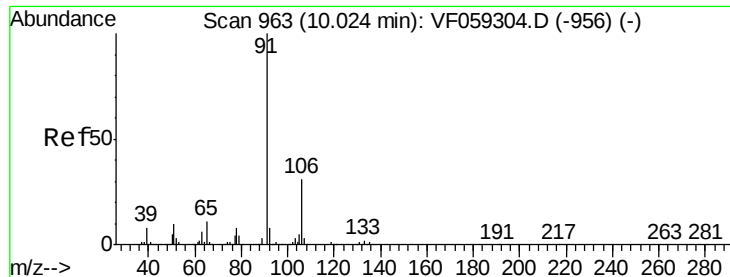
Tot Ion:117 Resp: 127
Ion Ratio Lower Upper
117 100
82 0.0 44.6 66.8#
119 0.0 24.1 36.1#



#64
Tetrachloroethene
Concen: 100.766 ug/l
RT: 8.27 min Scan# 785
Delta R.T. -0.02 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion:164 Resp: 83
Ion Ratio Lower Upper
164 100
166 0.0 101.1 151.7#
129 0.0 75.0 112.4#
131 0.0 73.3 109.9#

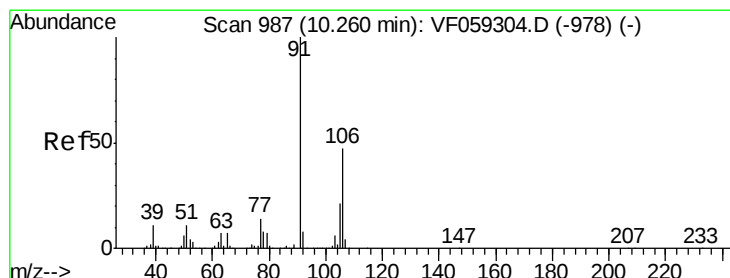
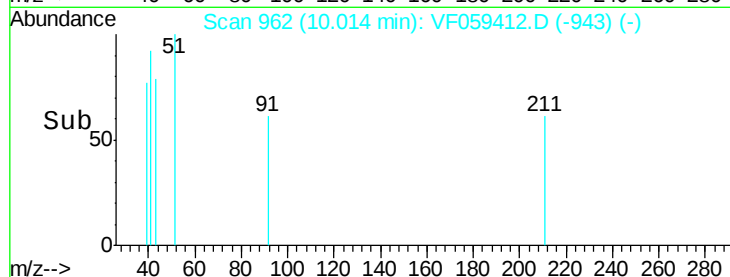
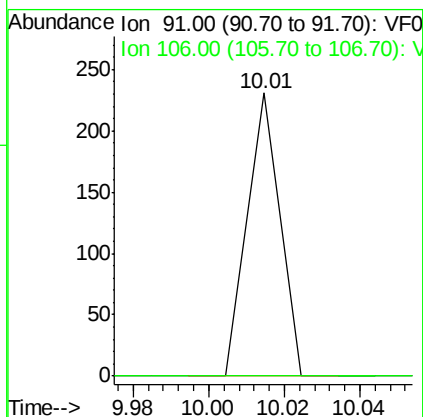
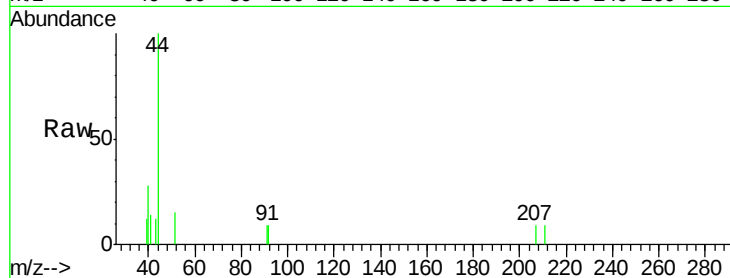




#67
Ethyl Benzene
Concen: 34.316 ug/l
RT: 10.01 min Scan# 962
Delta R.T. -0.01 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

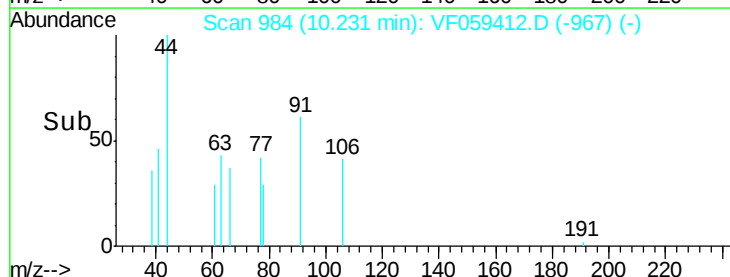
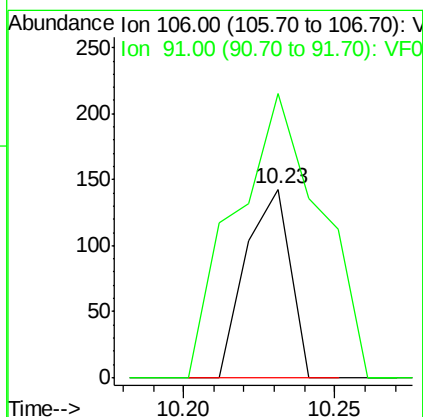
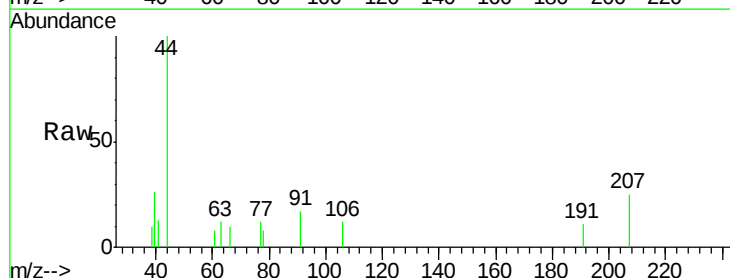
Instrument :
MSVOA_F
ClientSampleId :
SB-3(4-6)

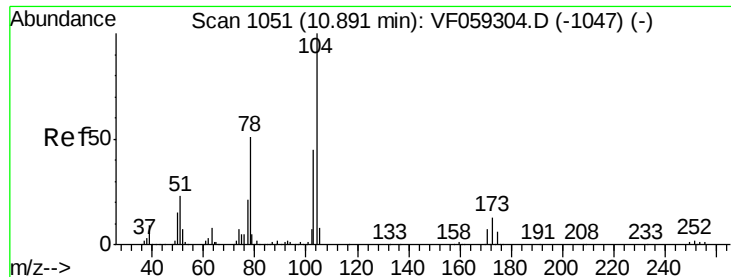
Tot Ion: 91 Resp: 137
Ion Ratio Lower Upper
91 100
106 0.0 24.8 37.2#



#68
m/p-Xylenes
Concen: 102.748 ug/l
RT: 10.23 min Scan# 984
Delta R.T. -0.03 min
Lab File: VF059412.D
Acq: 3 Jul 2018 15:17

Tgt Ion:106 Resp: 146
Ion Ratio Lower Upper
106 100
91 150.3 170.8 256.2#





#70

Stvrene

Concen: 29.739 ug/l

RT: 10.87 min Scan# 1049

Delta R.T. -0.02 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

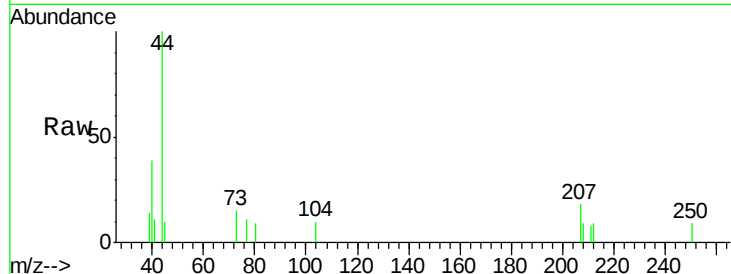
Instrument :

MSVOA_F

ClientSampled :

SB-3(4-6)

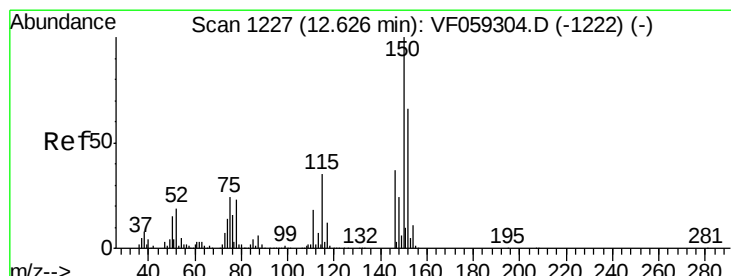
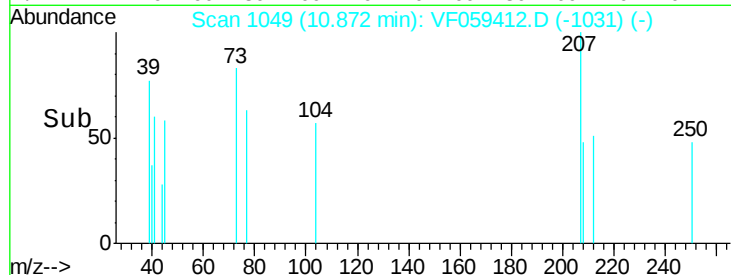
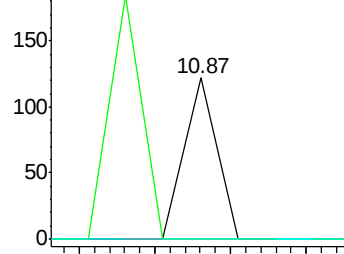
Tot Ion:	104	Resp:	72
Ion	Ratio	Lower	Upper
104	100		
78	0.0	40.9	61.3#
103	0.0	36.5	54.7#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

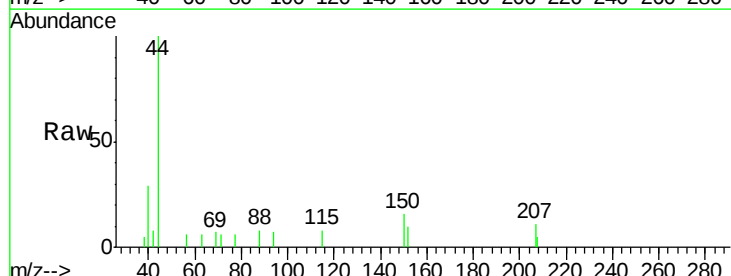
RT: 12.61 min Scan# 1225

Delta R.T. -0.02 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

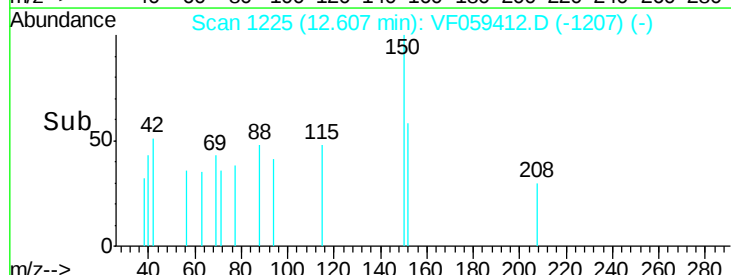
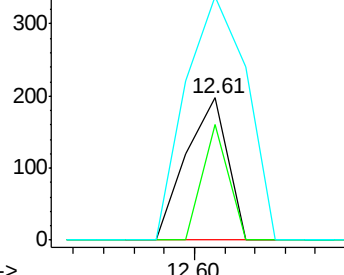
Tgt Ion:	152	Resp:	187
Ion	Ratio	Lower	Upper
152	100		
115	81.7	27.1	81.3#
150	171.6	0.0	305.2

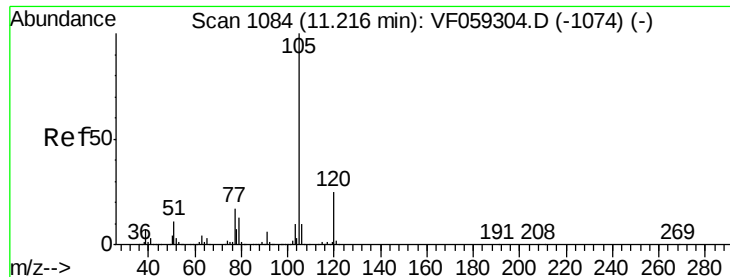


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 5.508 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

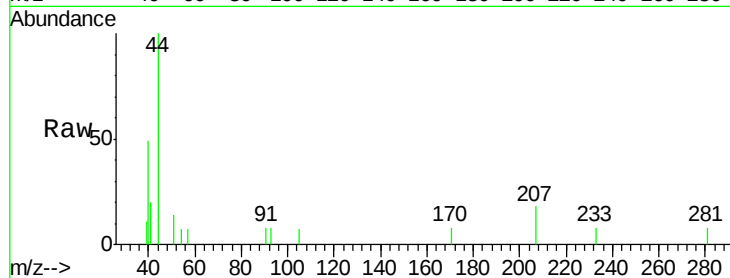
SB-3(4-6)

Tot Ion:105 Resp: 60

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

11.22

100

80

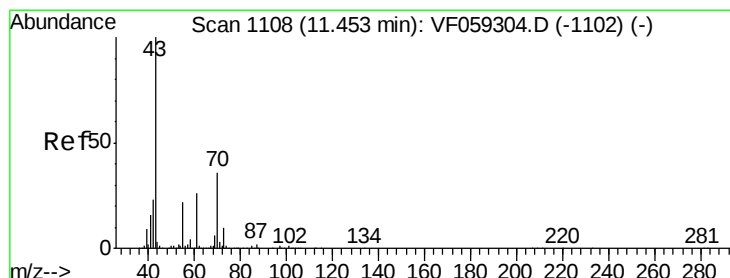
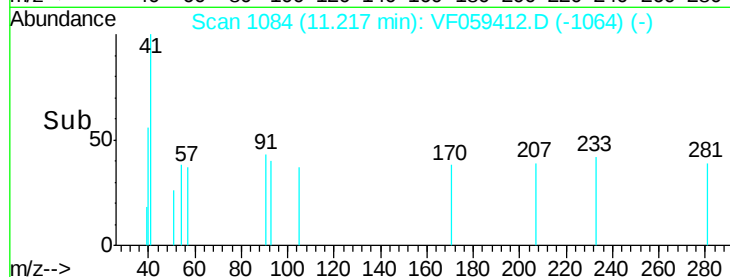
60

40

20

0

Time--> 11.18 11.20 11.22 11.24



#74

N-ethyl acetate

Concen: 101.938 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. 0.01 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Tgt Ion: 43 Resp: 403

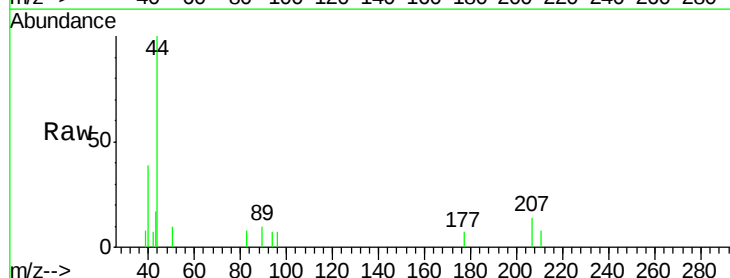
Ion Ratio Lower Upper

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

400

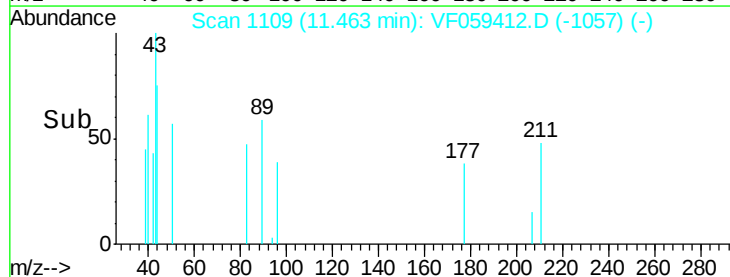
300

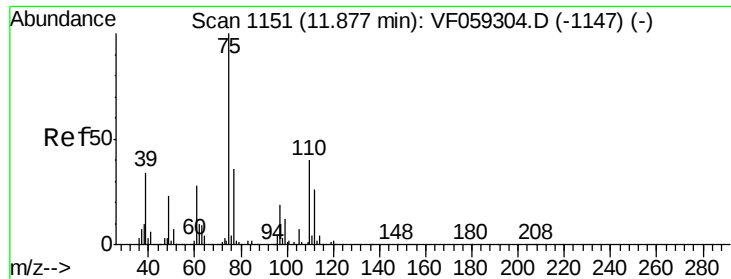
200

100

0

Time--> 11.45 11.50

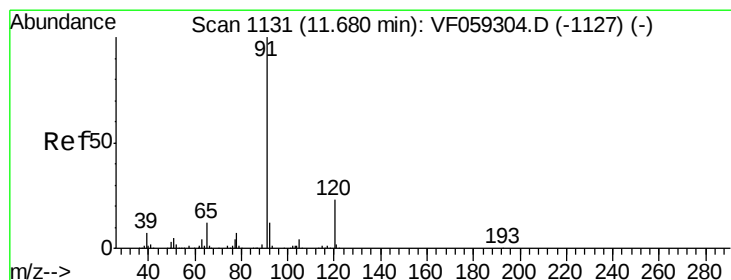
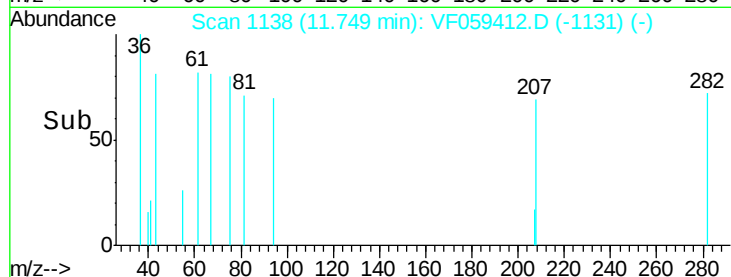
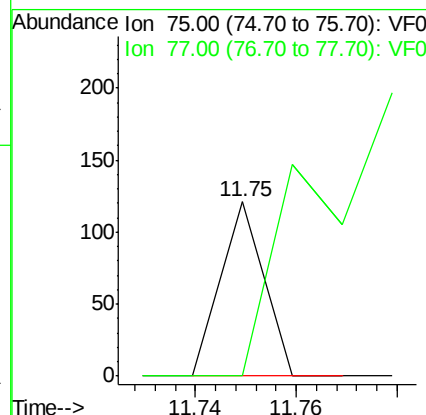
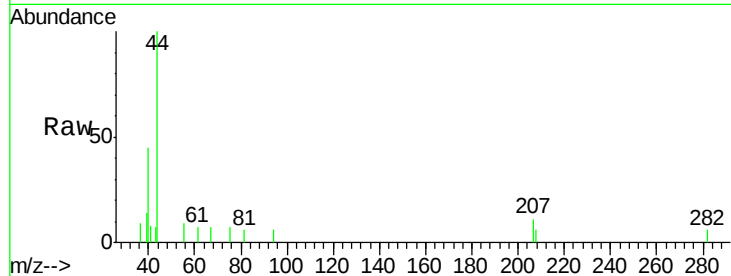




#76
 1,2,3-Trichloropropane
 Concen: 34.691 ug/l
 RT: 11.75 min Scan# 1138
 Delta R.T. -0.13 min
 Lab File: VF059412.D
 Acq: 3 Jul 2018 15:17

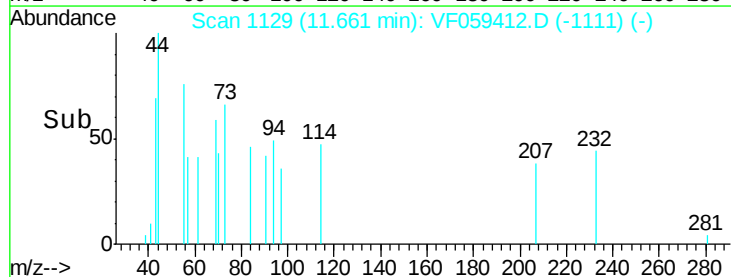
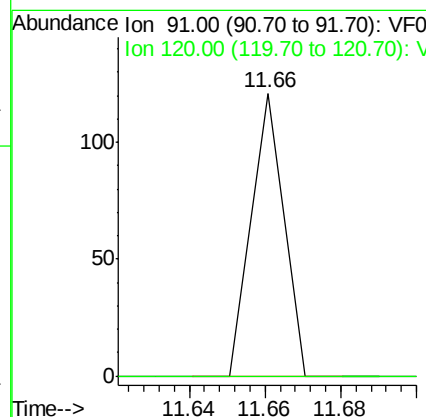
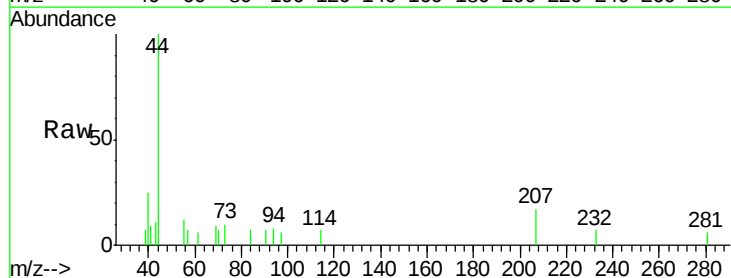
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-3(4-6)

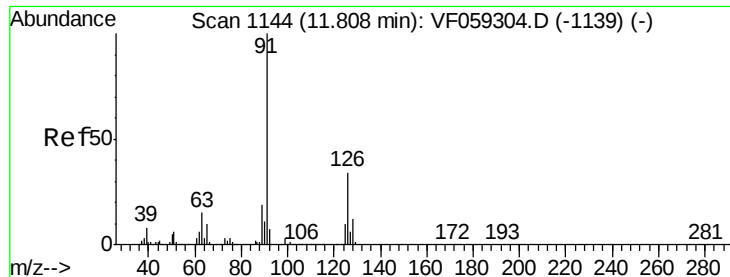
Tot Ion: 75 Resp: 72
 Ion Ratio Lower Upper
 75 100
 77 0.0 18.0 54.0#



#78
 n-propylbenzene
 Concen: 5.503 ug/l
 RT: 11.66 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: VF059412.D
 Acq: 3 Jul 2018 15:17

Tgt Ion: 91 Resp: 72
 Ion Ratio Lower Upper
 91 100
 120 0.0 11.7 35.0#





#79

2-Chlorotoluene

Concen: 8.257 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.03 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampled :

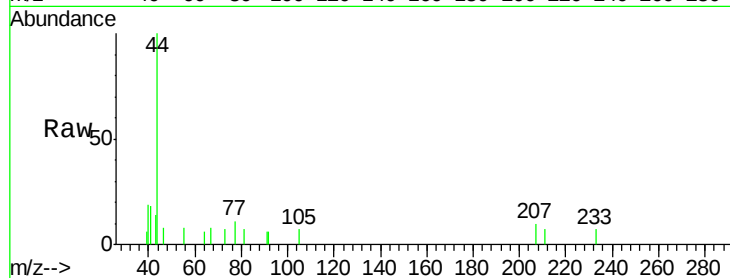
SB-3(4-6)

Tot Ion: 91 Resp: 66

Ion Ratio Lower Upper

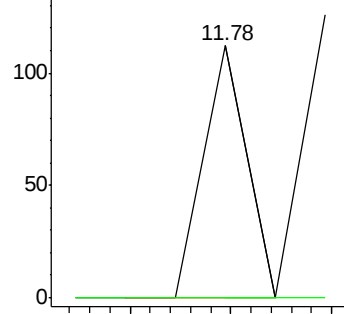
91 100

126 0.0 17.2 51.5#

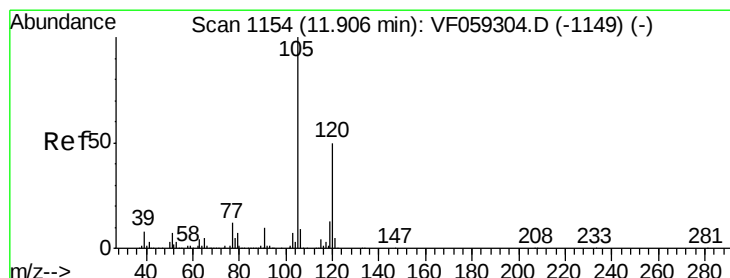
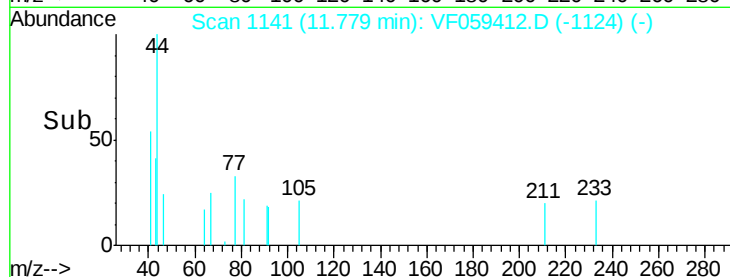


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 6.602 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. -0.02 min

Lab File: VF059412.D

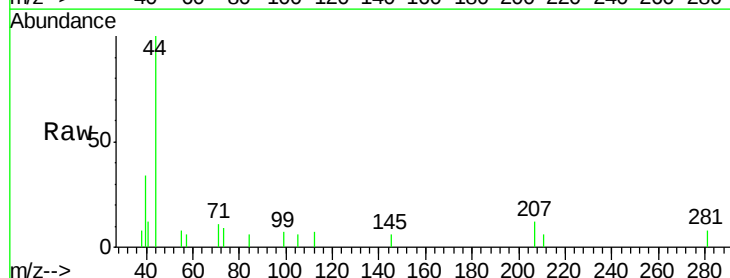
Acq: 3 Jul 2018 15:17

Tgt Ion: 105 Resp: 63

Ion Ratio Lower Upper

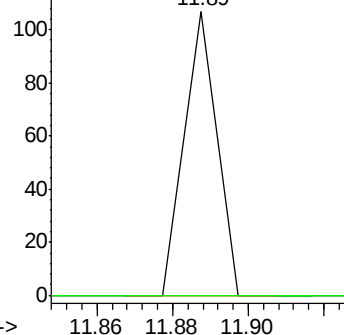
105 100

120 0.0 24.9 74.7#

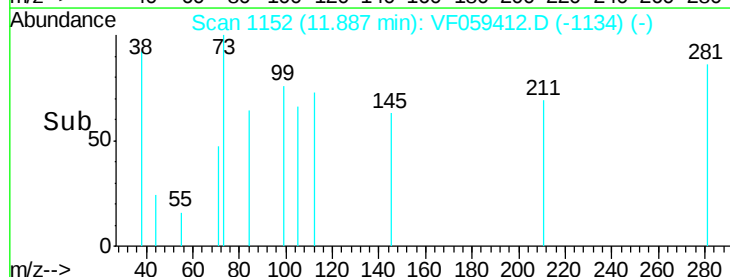


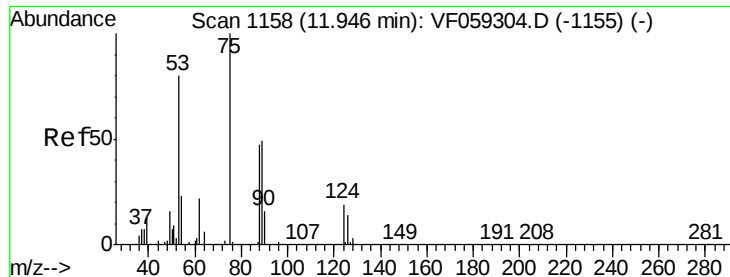
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 116.575 ug/l

RT: 12.04 min Scan# 1167

Delta R.T. 0.09 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

SB-3(4-6)

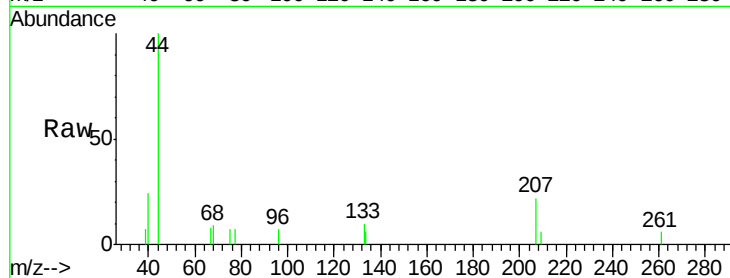
Tot Ion: 75 Resp: 144

Ion Ratio Lower Upper

75 100

53 0.0 68.8 103.2#

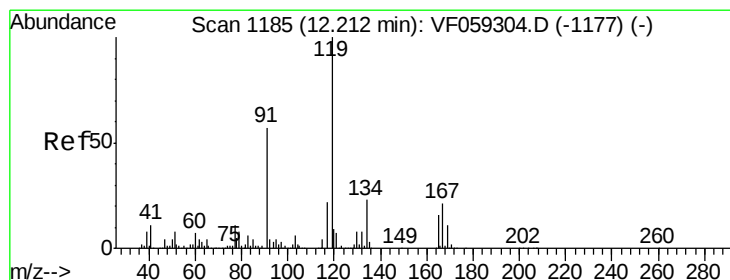
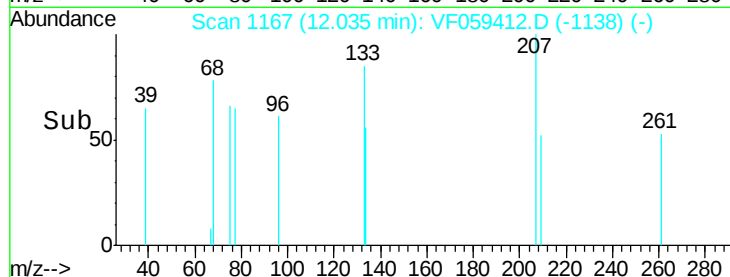
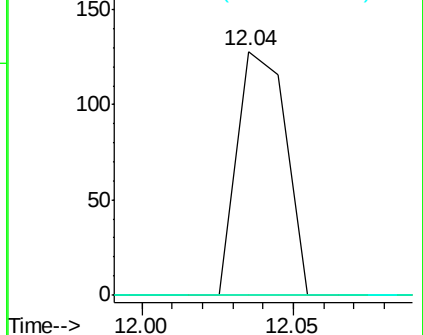
89 0.0 42.0 63.0#



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



#83

tert-Butylbenzene

Concen: 7.858 ug/l

RT: 12.17 min Scan# 1181

Delta R.T. -0.04 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

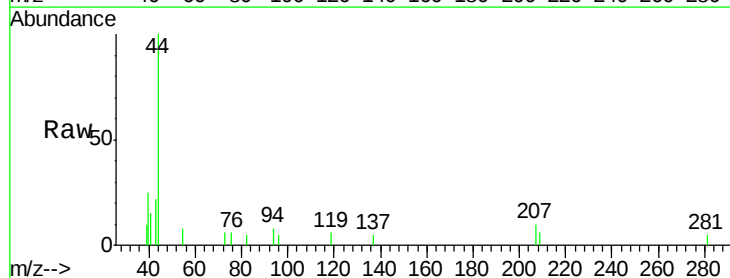
Tgt Ion: 119 Resp: 75

Ion Ratio Lower Upper

119 100

91 0.0 28.4 85.2#

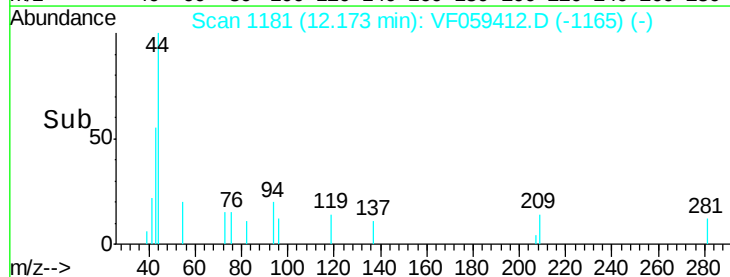
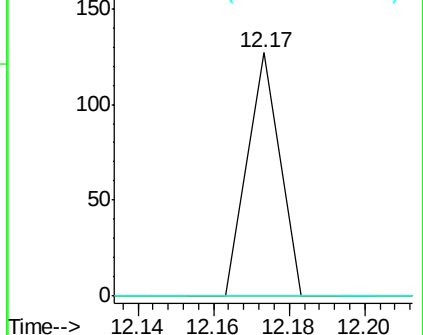
134 0.0 11.7 35.1#

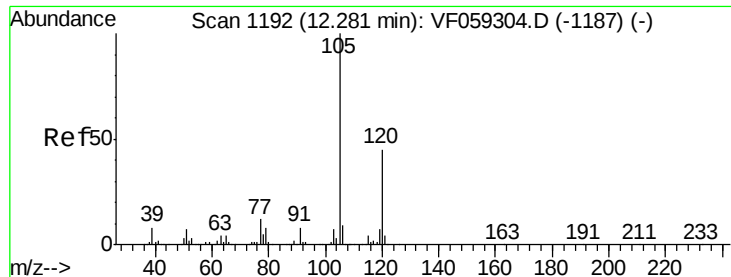


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 8.557 ug/l

RT: 12.26 min Scan# 1190

Delta R.T. -0.02 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

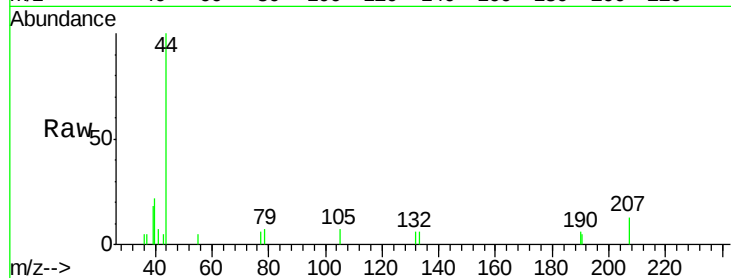
SB-3(4-6)

Tot Ion:105 Resp: 86

Ion Ratio Lower Upper

105 100

120 0.0 22.8 68.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.26

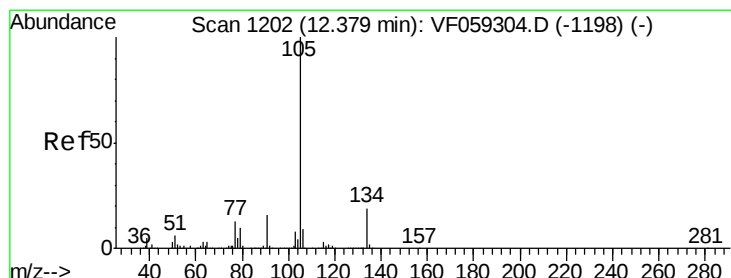
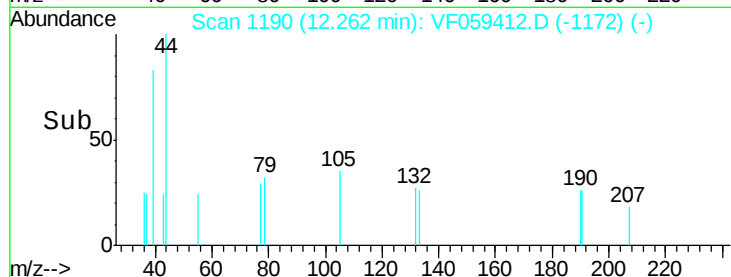
150

100

50

0

Time-->



#85

sec-Butylbenzene

Concen: 6.086 ug/l

RT: 12.36 min Scan# 1200

Delta R.T. -0.02 min

Lab File: VF059412.D

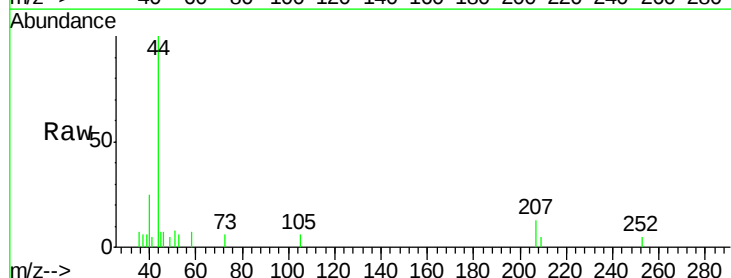
Acq: 3 Jul 2018 15:17

Tgt Ion:105 Resp: 77

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

12.36

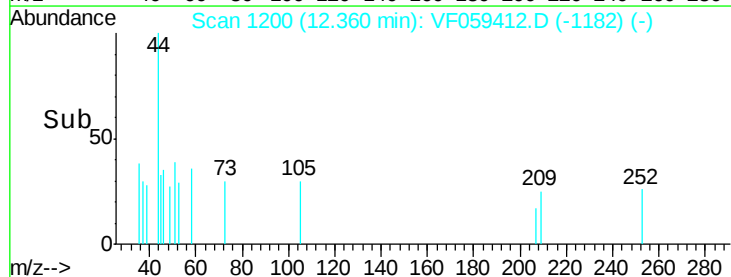
150

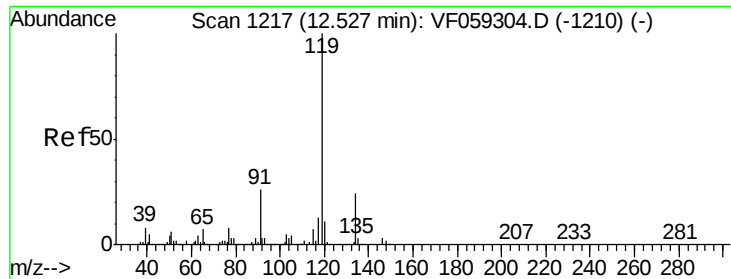
100

50

0

Time-->





#86

p-Isopropyltoluene

Concen: 6.310 ug/l

RT: 12.52 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

SB-3(4-6)

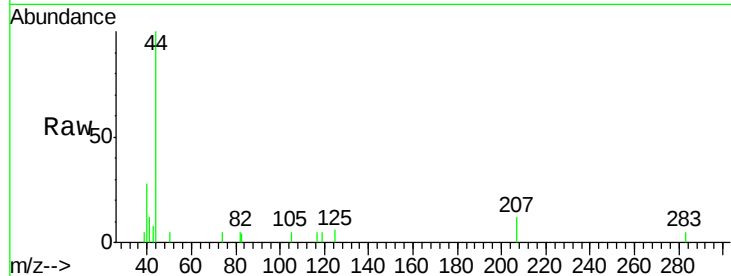
Tot Ion:119 Resp: 67

Ion Ratio Lower Upper

119 100

134 0.0 12.2 36.4#

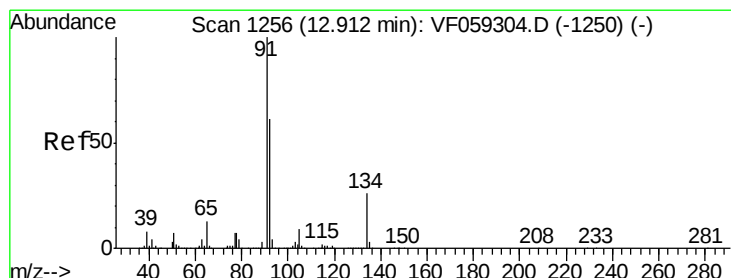
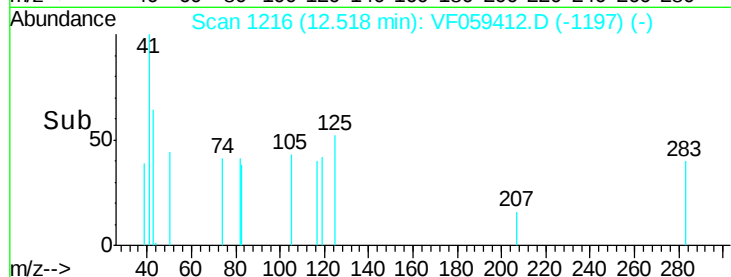
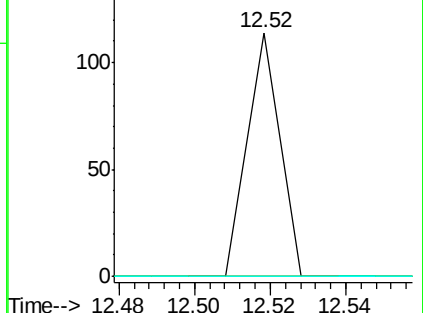
91 0.0 12.9 38.6#



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): V



#89

n-Butylbenzene

Concen: 19.391 ug/l

RT: 12.89 min Scan# 1254

Delta R.T. -0.02 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

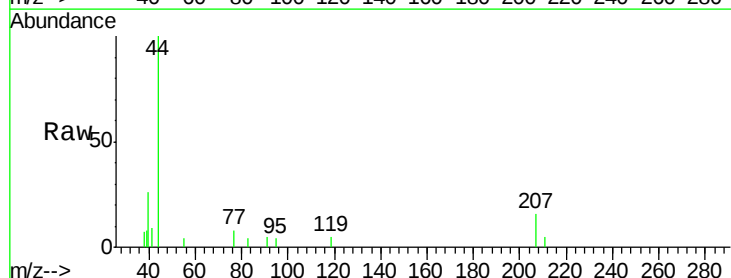
Tgt Ion: 91 Resp: 209

Ion Ratio Lower Upper

91 100

92 0.0 30.3 91.0#

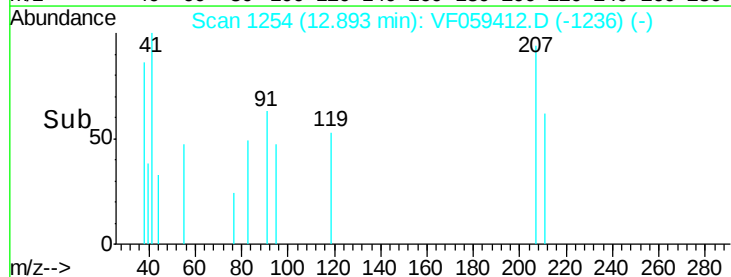
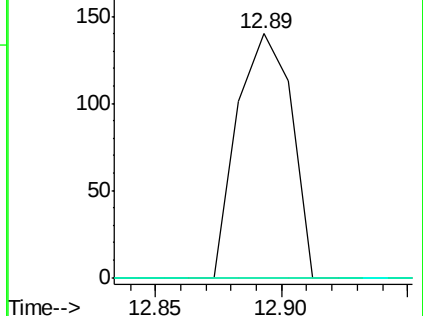
134 0.0 12.9 38.7#

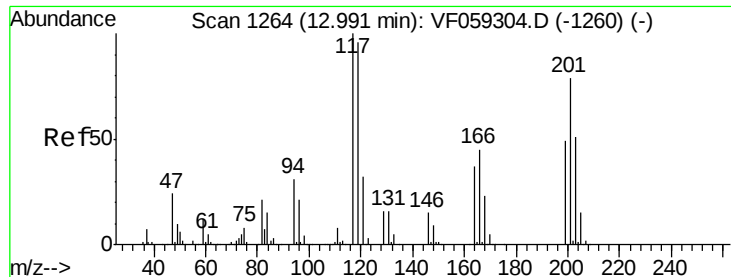


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 22.674 ug/l

RT: 13.10 min Scan# 1275

Delta R.T. 0.11 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

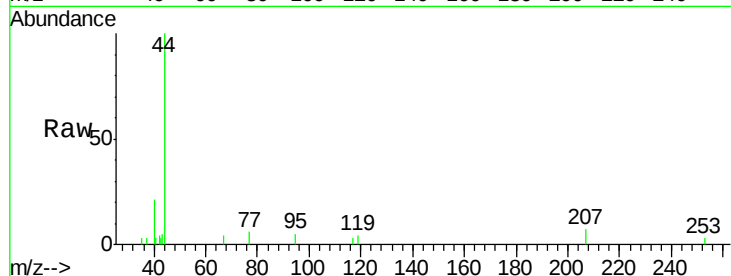
SB-3(4-6)

Tot Ion:117 Resp: 60

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#

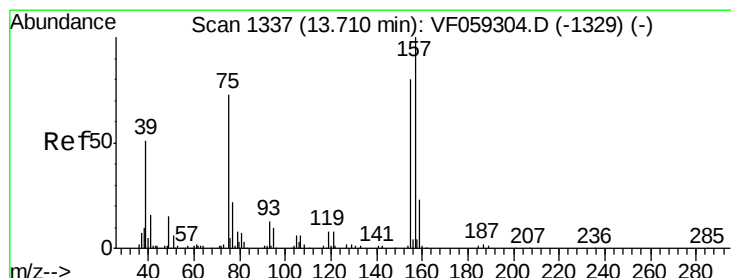
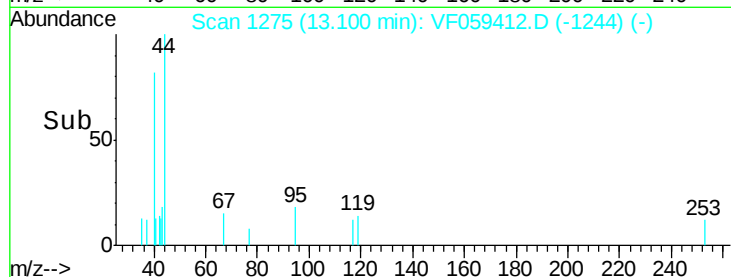


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

13.10

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 208.226 ug/l

RT: 13.61 min Scan# 1327

Delta R.T. -0.10 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

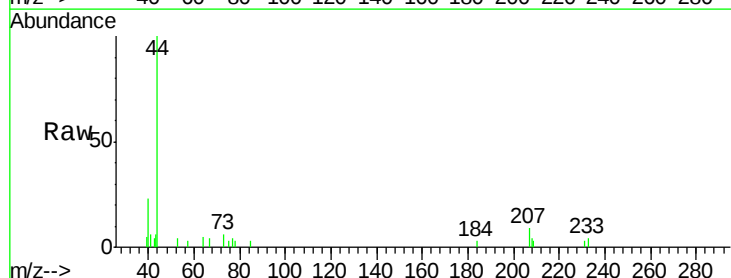
Tgt Ion: 75 Resp: 127

Ion Ratio Lower Upper

75 100

155 0.0 54.6 163.8#

157 0.0 68.7 205.9#



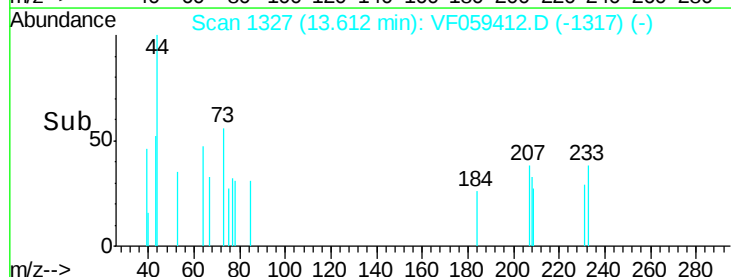
Abundance Ion 75.00 (74.70 to 75.70): VF0

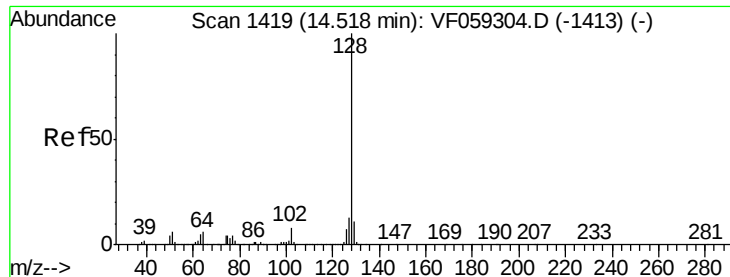
Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

13.61

Time-->





#95

Naphthalene

Concen: 55.131 ug/l

RT: 14.51 min Scan# 1418

Delta R.T. -0.01 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

Instrument :

MSVOA_F

ClientSampleId :

SB-3(4-6)

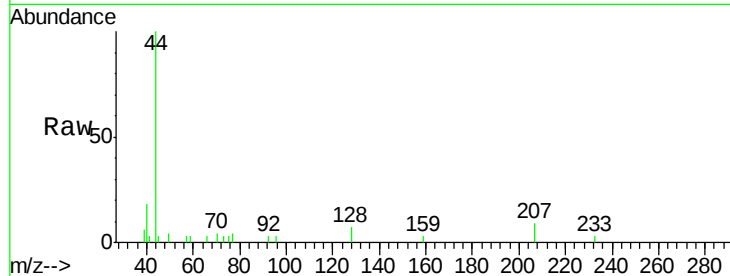
Tot Ion:128 Resp: 468

Ion Ratio Lower Upper

128 100

127 0.0 10.1 15.1#

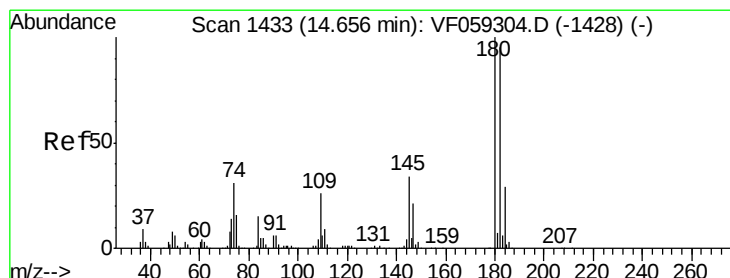
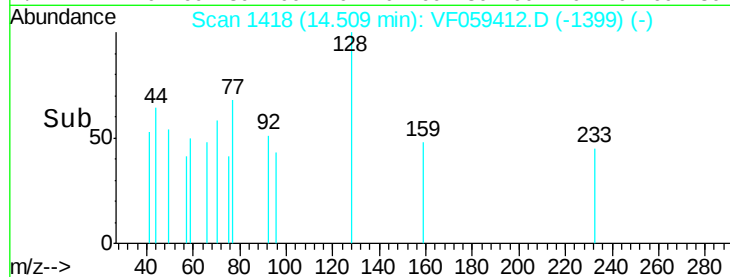
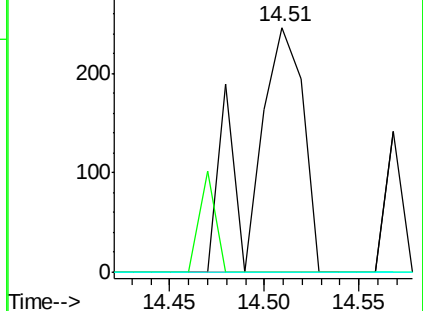
129 0.0 8.8 13.2#



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



#96

1,2,3-Trichlorobenzene

Concen: 16.391 ug/l

RT: 14.55 min Scan# 1422

Delta R.T. -0.11 min

Lab File: VF059412.D

Acq: 3 Jul 2018 15:17

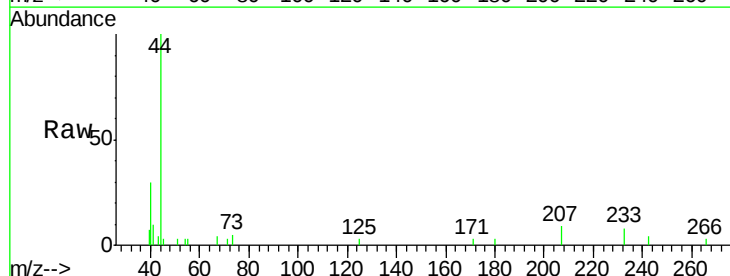
Tgt Ion:180 Resp: 63

Ion Ratio Lower Upper

180 100

182 0.0 47.5 142.5#

145 0.0 17.0 50.9#



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

