

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059218.D
 Acq On : 20 Jun 2018 6:45
 Operator : VA/AP
 Sample : J3575-06
 Misc : 11.43g/5mL/MSVOA-F/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-10

Quant Time: Jun 20 07:46:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	1203	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	1299	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	69	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	140	9.60	ug/l	0.00
Spiked Amount 50.000			Recovery =	19.20%		
35) Dibromofluoromethane	4.28	113	367	40.26	ug/l	-0.01
Spiked Amount 50.000			Recovery =	80.52%		
50) Toluene-d8	7.70	98	1271	47.47	ug/l	-0.01
Spiked Amount 50.000			Recovery =	94.94%		
62) 4-Bromofluorobenzene	11.52	95	444	32.33	ug/l	0.00
Spiked Amount 50.000			Recovery =	64.66%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.97	85	135	9.91	ug/l #	42
3) Chloromethane	1.09	50	162	15.36	ug/l #	41
4) Vinyl Chloride	0.99	62	71	7.46	ug/l #	43
6) Chloroethane	1.39	64	64	16.21	ug/l #	44
7) Trichlorofluoromethane	1.48	101	60	4.06	ug/l #	17
11) Tert butyl alcohol	2.62	59	62	66.32	ug/l #	71
12) 1,1-Dichloroethene	1.94	96	86	10.85	ug/l #	1
13) Acrolein	1.98	56	61	75.39	ug/l #	12
14) Allyl chloride	2.20	41	115	7.39	ug/l #	4
15) Acrylonitrile	3.11	53	141	75.94	ug/l #	13
16) Acetone	2.35	43	76	21.82	ug/l #	59
18) Methyl Acetate	2.45	43	145	24.21	ug/l #	66
19) Methyl tert-butyl Ether	2.55	73	84	3.41	ug/l #	58
20) Methylene Chloride	2.26	84	84	10.07	ug/l #	1
21) trans-1,2-Dichloroethene	2.43	96	141	16.22	ug/l #	1
22) Diisopropyl ether	2.95	45	77	2.52	ug/l #	1
23) Vinyl Acetate	3.31	43	167	8.28	ug/l #	78
25) 2-Butanone	4.49	43	171	31.66	ug/l #	56
26) 2,2-Dichloropropane	3.63	77	79	5.87	ug/l #	1
27) cis-1,2-Dichloroethene	3.59	96	59	4.41	ug/l #	1
28) Bromochloromethane	3.76	49	85	10.19	ug/l #	2
29) Tetrahydrofuran	4.23	42	71	29.84	ug/l #	36
32) 1,1,1-Trichloroethane	4.39	97	79	3.99	ug/l #	20
37) Ethyl Acetate	4.22	43	117	15.04	ug/l #	17
39) Methylcyclohexane	5.66	83	62	4.83	ug/l #	13
40) Benzene	4.69	78	67	2.29	ug/l #	50
41) Methacrylonitrile	4.94	41	533	139.45	ug/l #	24
42) 1,2-Dichloroethane	5.00	62	60	4.58	ug/l #	82
43) Isopropyl Acetate	7.12	43	82	7.87	ug/l #	44
45) 1,2-Dichloropropane	6.32	63	89	10.56	ug/l #	44
48) Methyl methacrylate	6.89	41	229	35.65	ug/l #	15
49) 1,4-Dioxane	7.00	88	85	2117.41	ug/l #	16
51) 4-Methyl-2-Pentanone	8.40	43	243	34.03	ug/l #	38
52) Toluene	7.90	92	68	3.23	ug/l #	1

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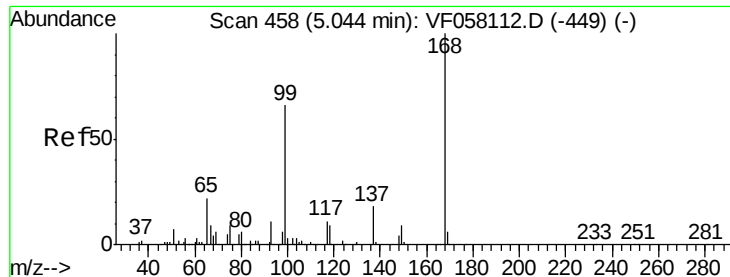
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

53) t-1,3-Dichloropropene	8.43	75	67	4.80	ug/l #	43
54) cis-1,3-Dichloropropene	7.51	75	91	5.67	ug/l #	26
55) 1,1,2-Trichloroethane	8.66	97	61	8.00	ug/l #	16
56) Ethyl methacrylate	8.69	69	74	7.70	ug/l #	20
57) 1,3-Dichloropropane	9.05	76	95	7.28	ug/l #	42
59) 2-Hexanone	9.66	43	261	46.21	ug/l	67
60) Dibromochloromethane	9.00	129	62	5.66	ug/l #	12
67) Ethyl Benzene	9.99	91	60	2.50	ug/l #	44
69) o-Xylene	10.82	106	60	6.18	ug/l #	1
70) Styrene	10.87	104	85	5.79	ug/l #	30
73) Isopropylbenzene	11.24	105	147	30.77	ug/l #	50
74) N-amyl acetate	11.44	43	408	239.09	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.91	83	61	53.86	ug/l #	24
76) 1,2,3-Trichloropropane	11.88	75	80	95.64	ug/l #	1
78) n-propylbenzene	11.67	91	66	11.67	ug/l #	53
79) 2-Chlorotoluene	11.67	91	66	19.76	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.97	105	63	15.93	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.88	75	80	147.51	ug/l #	19
82) 4-Chlorotoluene	12.09	91	64	18.00	ug/l #	40
83) tert-Butylbenzene	12.20	119	85	21.65	ug/l #	29
84) 1,2,4-Trimethylbenzene	12.16	105	74	18.06	ug/l #	28
85) sec-Butylbenzene	12.53	105	63	11.81	ug/l #	58
86) p-Isopropyltoluene	12.65	119	90	20.54	ug/l #	50
89) n-Butylbenzene	12.93	91	93	18.52	ug/l #	28
90) Hexachloroethane	13.04	117	60	55.61	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	13.71	75	71	319.59	ug/l #	8
95) Naphthalene	14.54	128	76	23.79	ug/l #	70

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

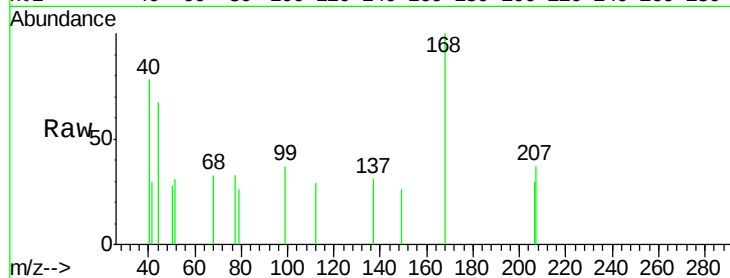
TP-10

Tot Ion:168 Resp: 1203

Ion Ratio Lower Upper

168 100

99 36.9 52.9 79.3#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

400

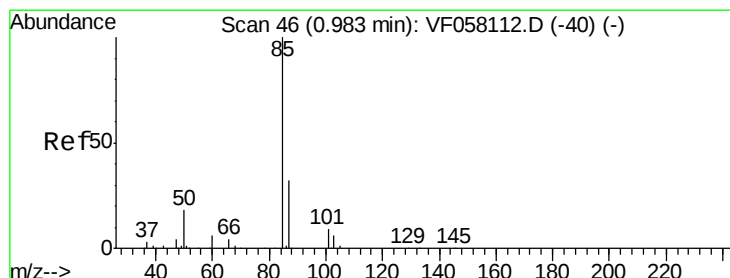
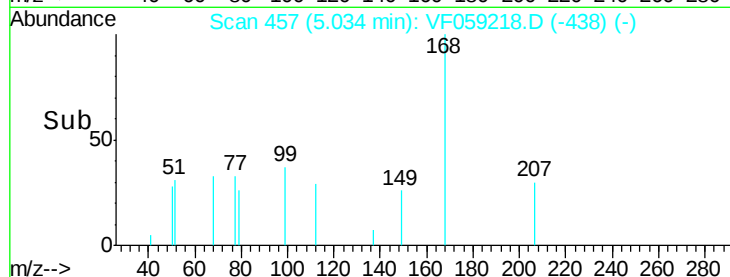
300

200

100

0

Time--> 4.95 5.00 5.05 5.10



#2

Dichlorodifluoromethane

Concen: 9.91 ug/l

RT: 0.97 min Scan# 45

Delta R.T. -0.01 min

Lab File: VF059218.D

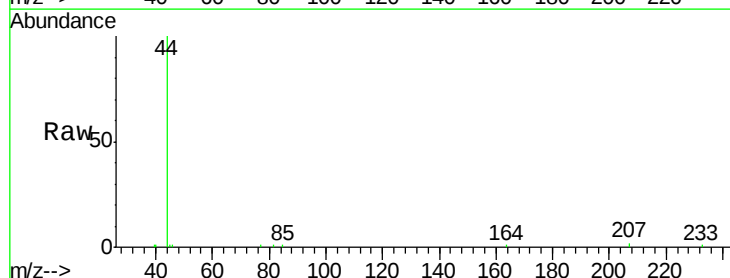
Acq: 20 Jun 2018 6:45

Tgt Ion: 85 Resp: 135

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.6#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

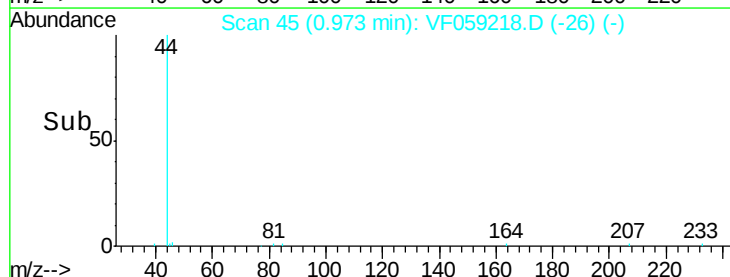
150

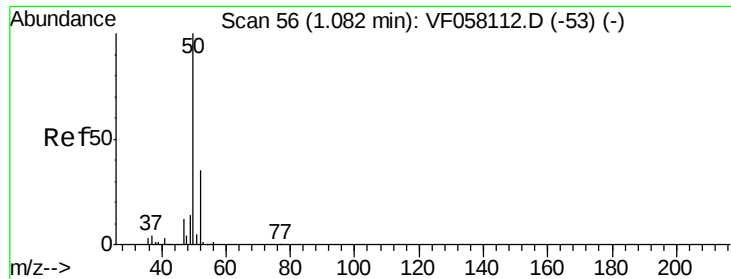
100

50

0

Time--> 0.92 0.94 0.96 0.98 1.00





#3

Chloromethane

Concen: 15.36 ug/l

RT: 1.09 min Scan# 57

Delta R.T. 0.01 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

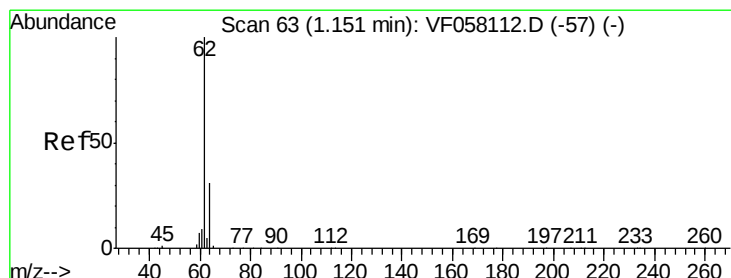
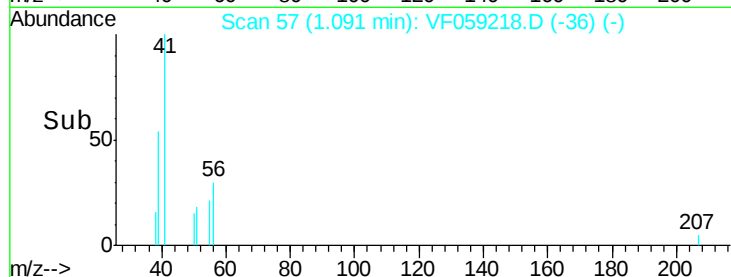
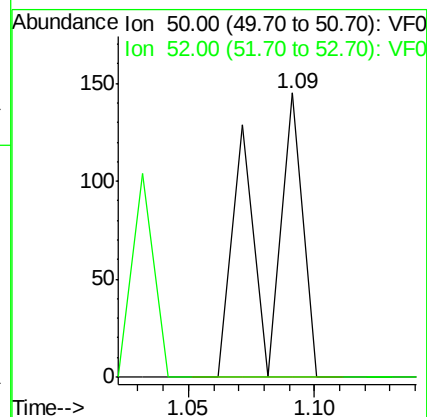
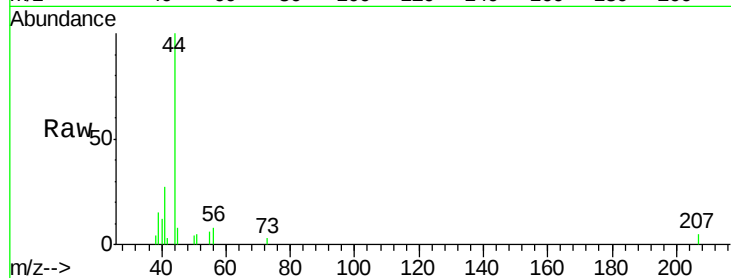
TP-10

Tot Ion: 50 Resp: 162

Ion Ratio Lower Upper

50 100

52 0.0 27.3 40.9#



#4

Vinyl Chloride

Concen: 7.46 ug/l

RT: 0.99 min Scan# 47

Delta R.T. -0.16 min

Lab File: VF059218.D

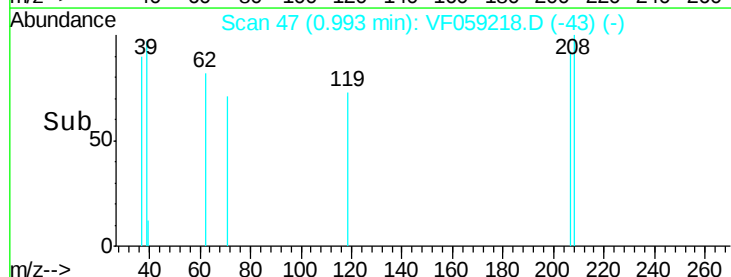
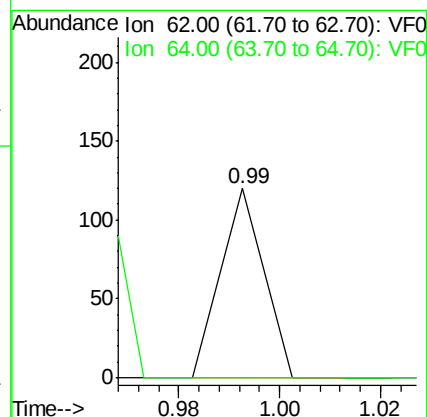
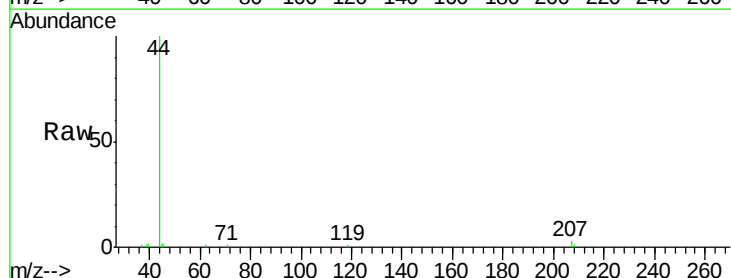
Acq: 20 Jun 2018 6:45

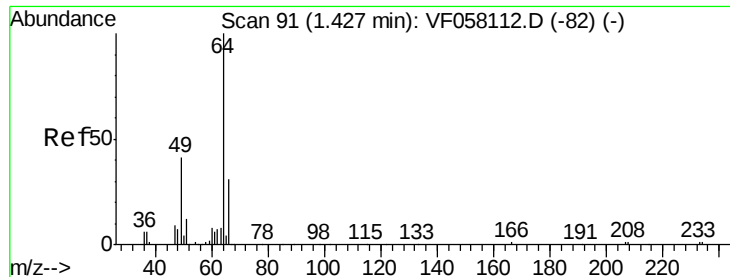
Tgt Ion: 62 Resp: 71

Ion Ratio Lower Upper

62 100

64 0.0 25.0 37.6#





#6

Chloroethane

Concen: 16.21 ug/l

RT: 1.39 min Scan# 87

Delta R.T. -0.04 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

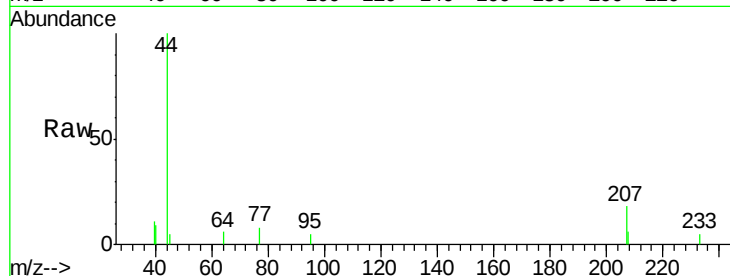
TP-10

Tot Ion: 64 Resp: 64

Ion Ratio Lower Upper

64 100

66 0.0 24.9 37.3#



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

1.39

120

100

80

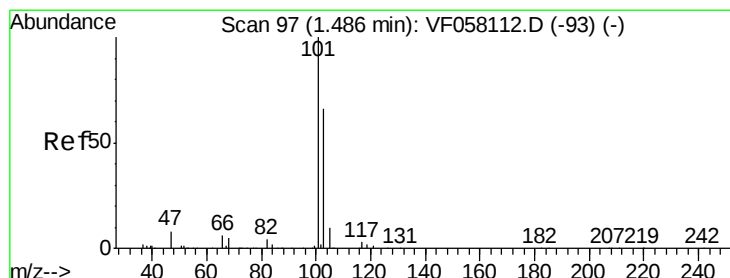
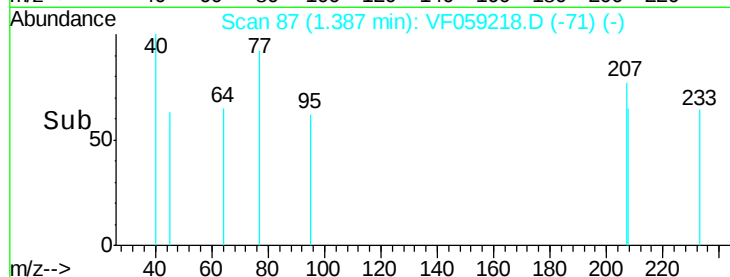
60

40

20

0

Time--> 1.36 1.38 1.40 1.42



#7

Trichlorofluoromethane

Concen: 4.06 ug/l

RT: 1.48 min Scan# 96

Delta R.T. -0.01 min

Lab File: VF059218.D

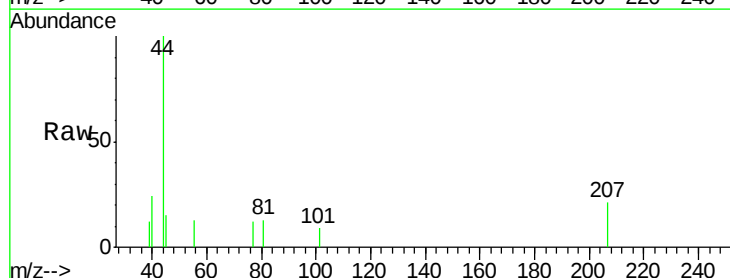
Acq: 20 Jun 2018 6:45

Tgt Ion: 101 Resp: 60

Ion Ratio Lower Upper

101 100

103 0.0 53.4 80.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.48

120

100

80

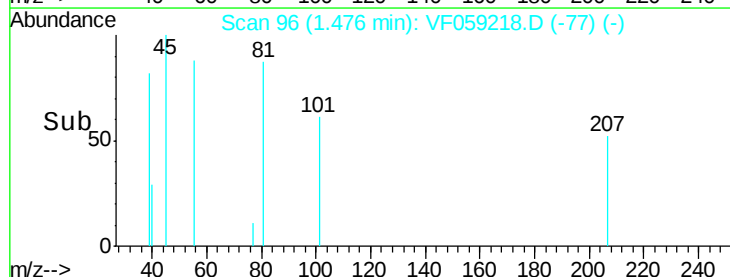
60

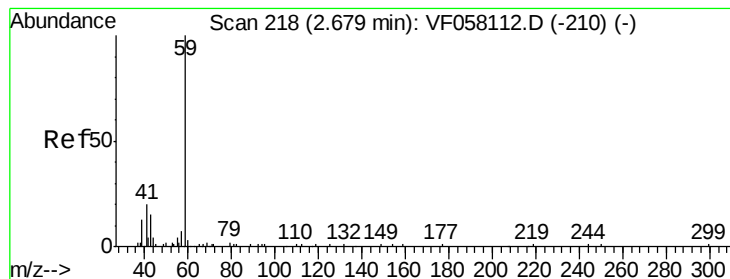
40

20

0

Time--> 1.44 1.46 1.48 1.50





#11

Tert butyl alcohol

Concen: 66.32 ug/l

RT: 2.62 min Scan# 212

Delta R.T. -0.06 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

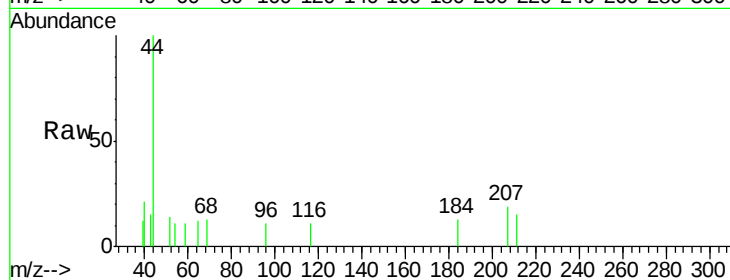
TP-10

Tot Ion: 59 Resp: 62

Ion Ratio Lower Upper

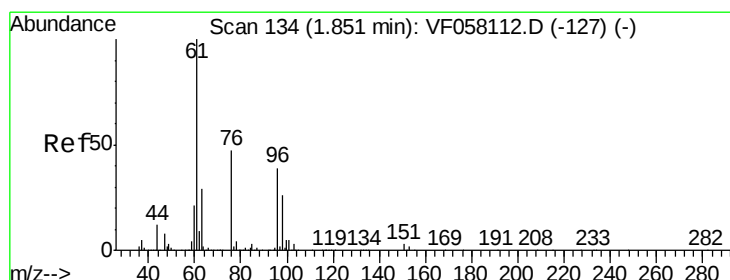
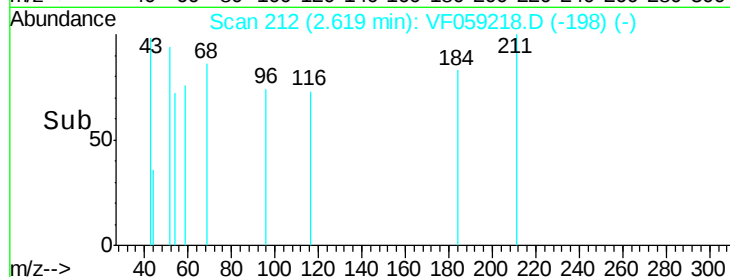
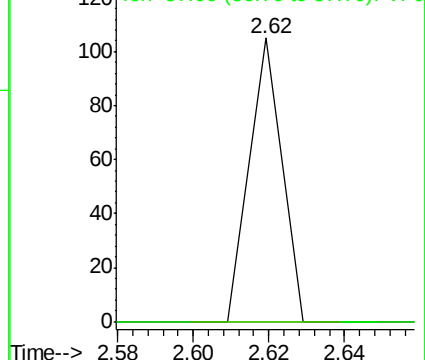
59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0



#12

1,1-Dichloroethene

Concen: 10.85 ug/l

RT: 1.94 min Scan# 143

Delta R.T. 0.09 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

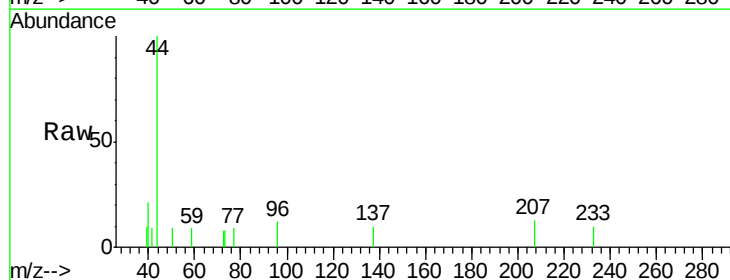
Tgt Ion: 96 Resp: 86

Ion Ratio Lower Upper

96 100

61 0.0 203.0 304.4#

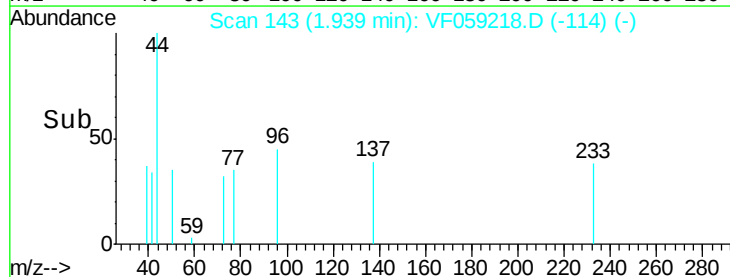
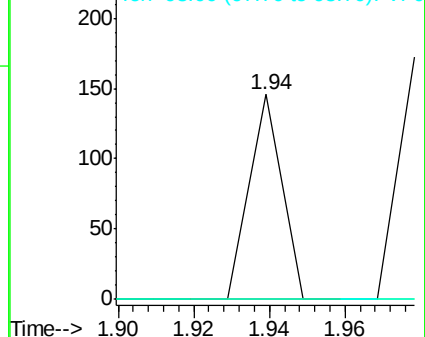
98 0.0 52.7 79.1#

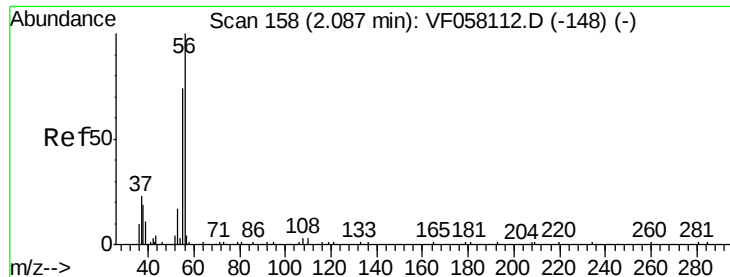


Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#13

Acrolein

Concen: 75.39 ug/l

RT: 1.98 min Scan# 147

Delta R.T. -0.11 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

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ClientSampleId :

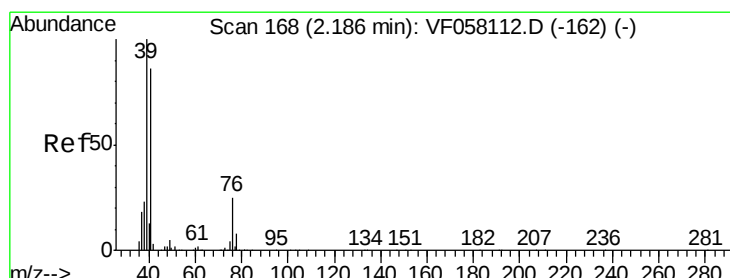
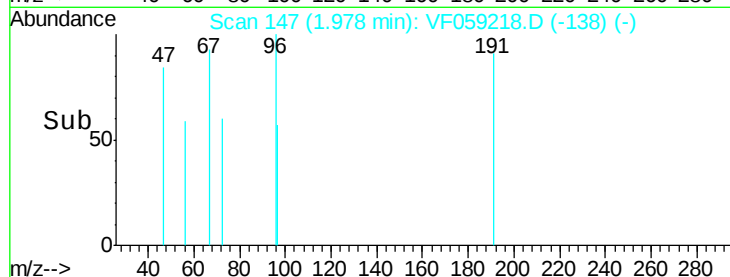
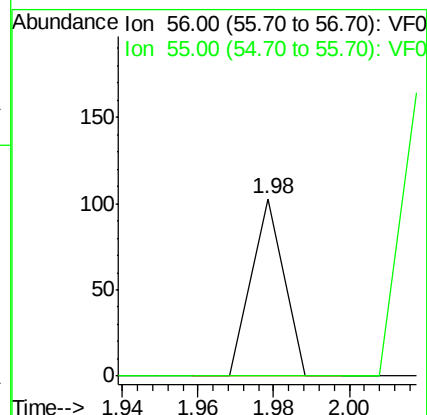
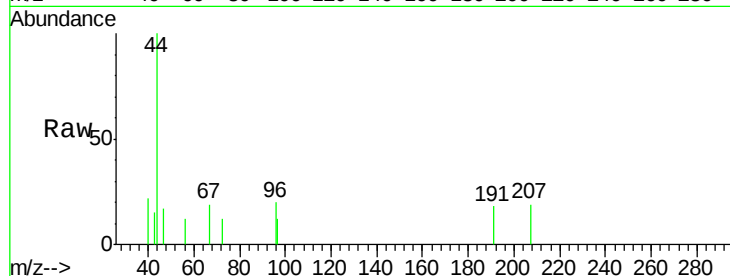
TP-10

Tot Ion: 56 Resp: 61

Ion Ratio Lower Upper

56 100

55 0.0 60.0 90.0#



#14

Allyl chloride

Concen: 7.39 ug/l

RT: 2.20 min Scan# 169

Delta R.T. 0.01 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

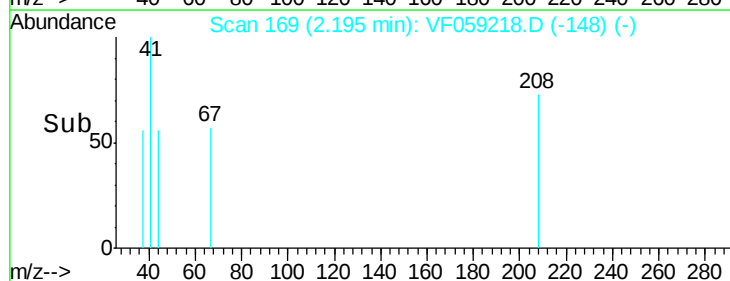
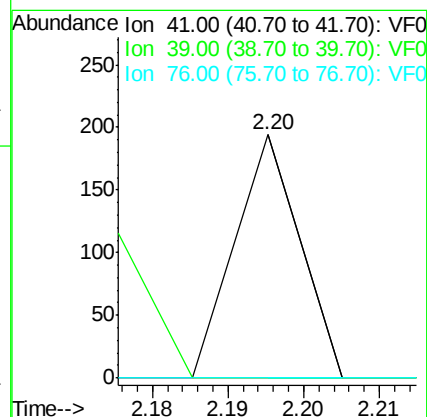
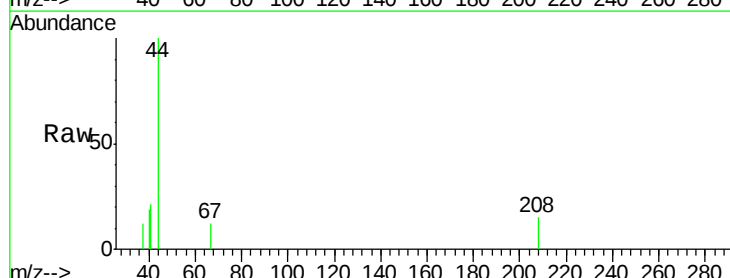
Tgt Ion: 41 Resp: 115

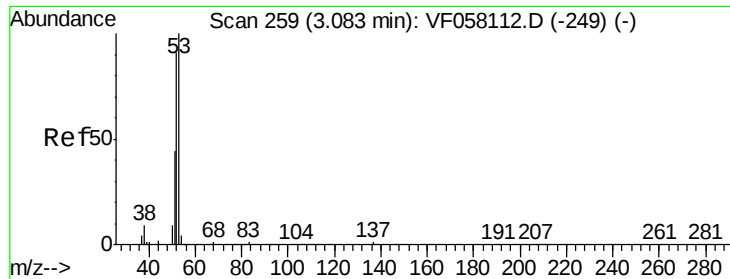
Ion Ratio Lower Upper

41 100

39 0.0 93.5 140.3#

76 0.0 23.9 35.9#





#15

Acrylonitrile

Concen: 75.94 ug/l

RT: 3.11 min Scan# 262

Delta R.T. 0.03 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

TP-10

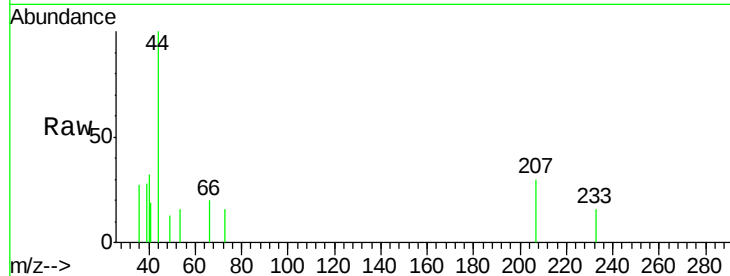
Tot Ion: 53 Resp: 141

Ion Ratio Lower Upper

53 100

52 0.0 73.2 109.8#

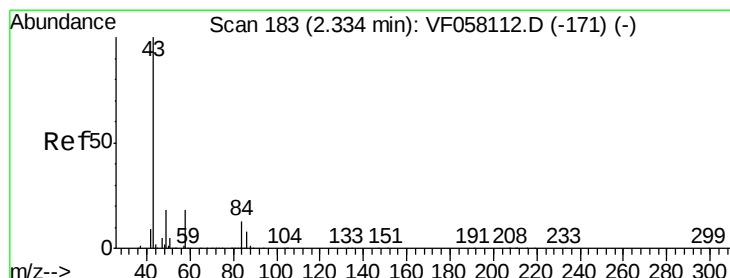
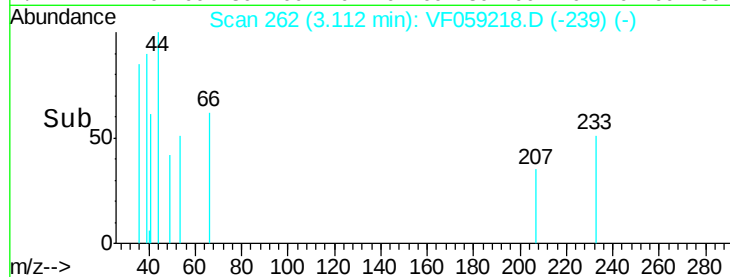
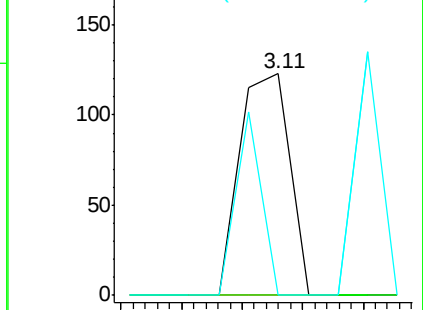
51 0.0 35.6 53.4#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 21.82 ug/l

RT: 2.35 min Scan# 185

Delta R.T. 0.02 min

Lab File: VF059218.D

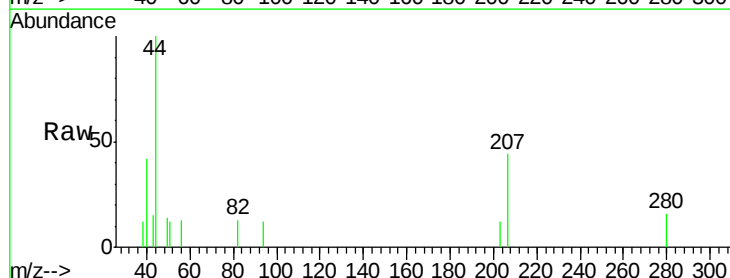
Acq: 20 Jun 2018 6:45

Tgt Ion: 43 Resp: 76

Ion Ratio Lower Upper

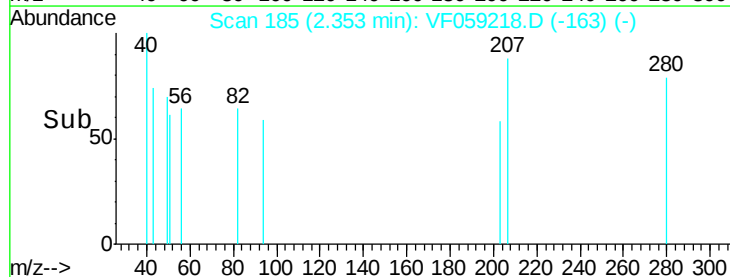
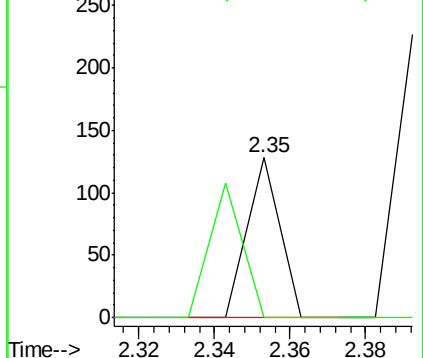
43 100

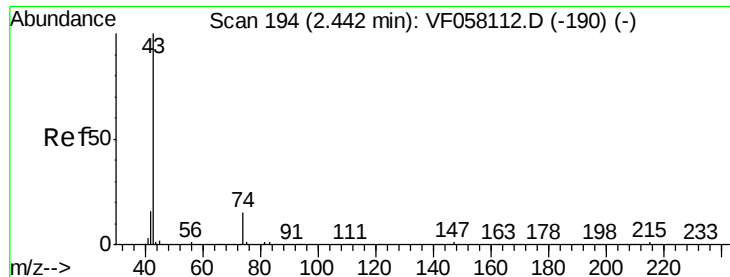
58 0.0 14.4 21.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#18

Methyl Acetate

Concen: 24.21 ug/l

RT: 2.45 min Scan# 195

Delta R.T. 0.01 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampled :

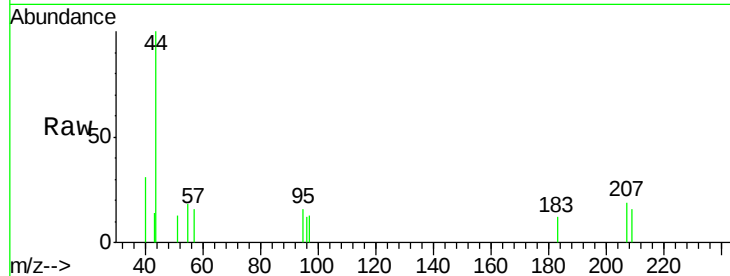
TP-10

Tot Ion: 43 Resp: 145

Ion Ratio Lower Upper

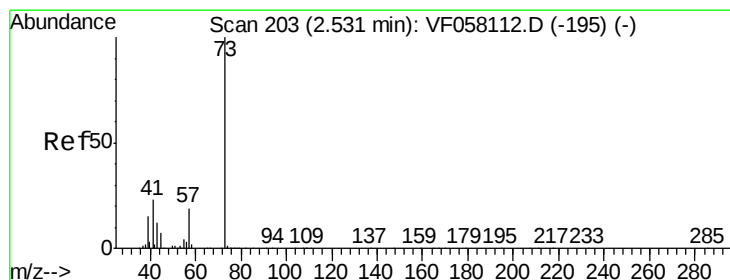
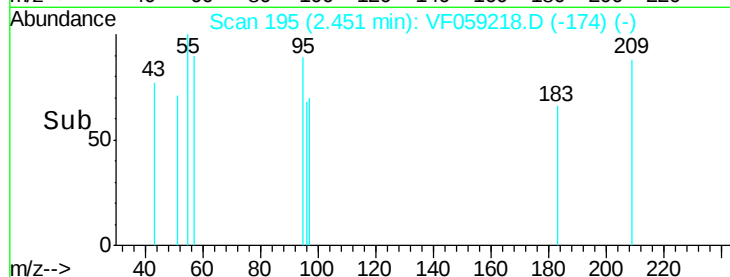
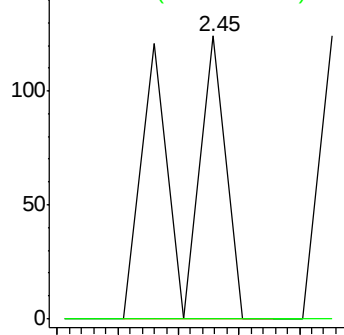
43 100

74 0.0 10.9 16.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0



#19

Methyl tert-butyl Ether

Concen: 3.41 ug/l

RT: 2.55 min Scan# 205

Delta R.T. 0.02 min

Lab File: VF059218.D

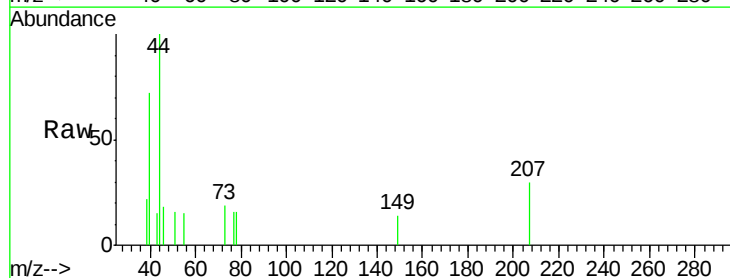
Acq: 20 Jun 2018 6:45

Tgt Ion: 73 Resp: 84

Ion Ratio Lower Upper

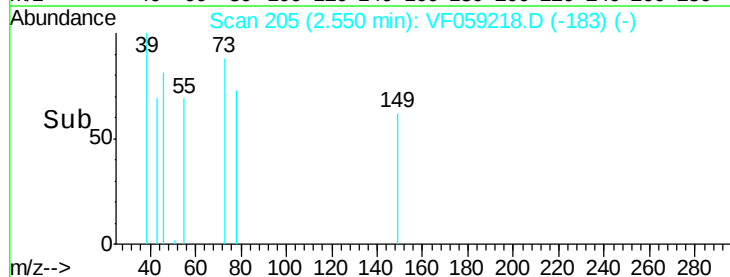
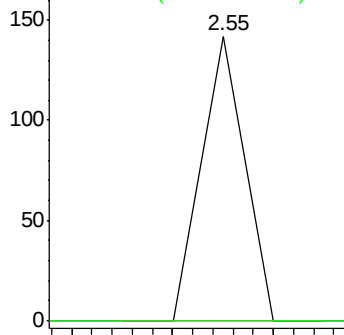
73 100

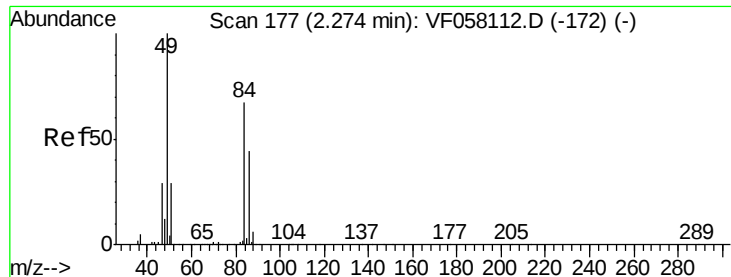
57 0.0 15.0 22.4#



Abundance Ion 73.00 (72.70 to 73.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

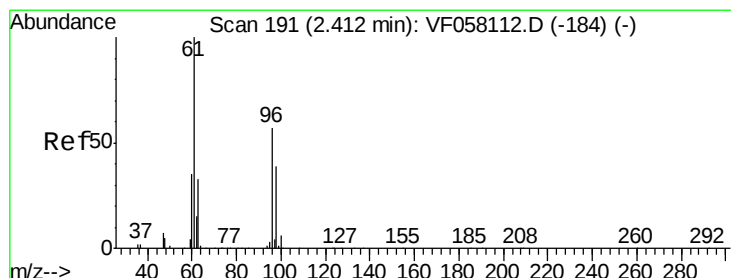
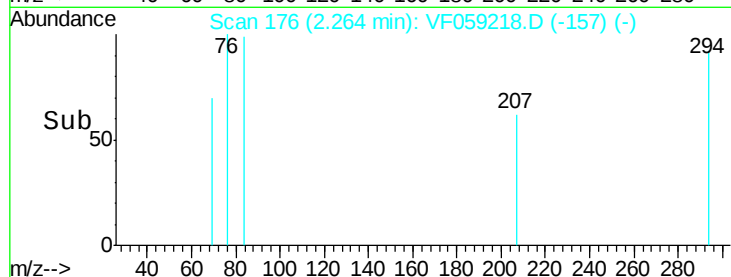
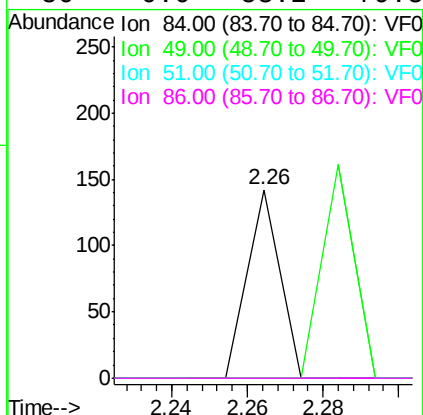
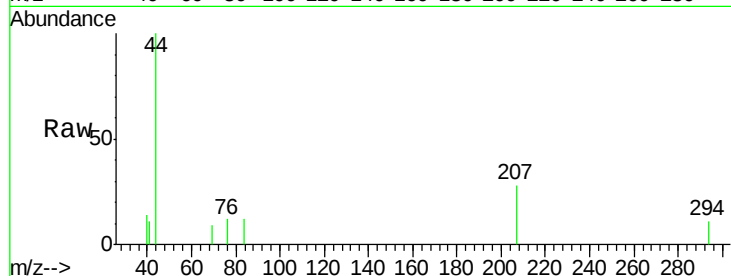




#20
Methvlene Chloride
Concen: 10.07 ug/l
RT: 2.26 min Scan# 176
Delta R.T. -0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

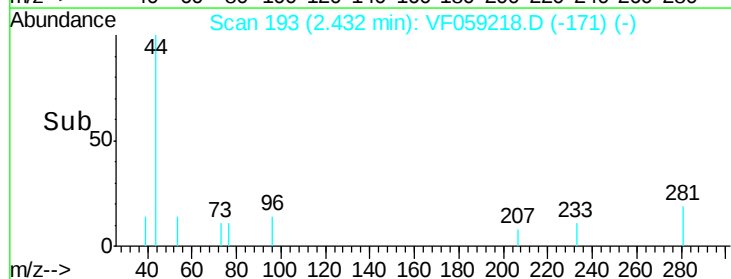
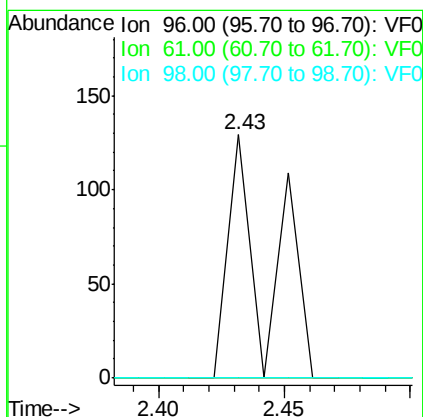
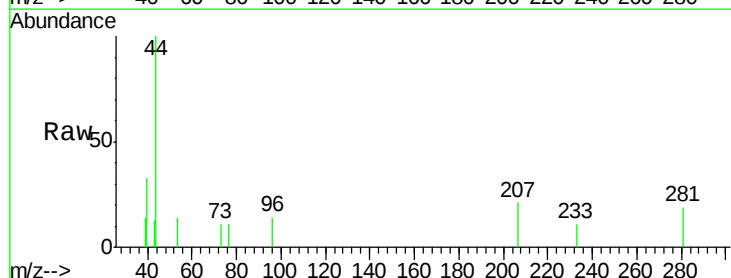
Instrument :
MSVOA_F
ClientSampleId :
TP-10

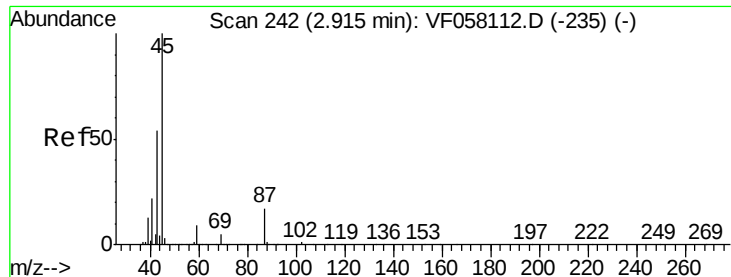
Tot Ion:	84	Resp:	84
Ion	Ratio	Lower	Upper
84	100		
49	0.0	121.0	181.4#
51	0.0	35.8	53.6#
86	0.0	53.2	79.8#



#21
trans-1,2-Dichloroethene
Concen: 16.22 ug/l
RT: 2.43 min Scan# 193
Delta R.T. 0.02 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion:	96	Resp:	141
Ion	Ratio	Lower	Upper
96	100		
61	0.0	139.4	209.2#
98	0.0	54.0	81.0#

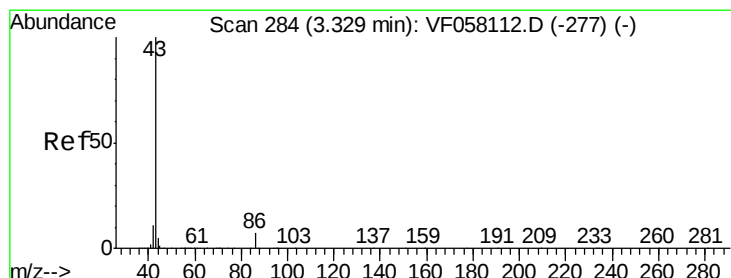
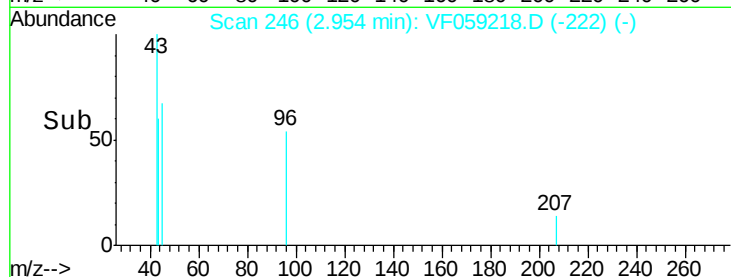
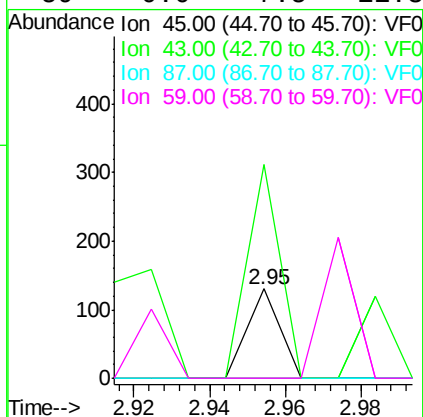
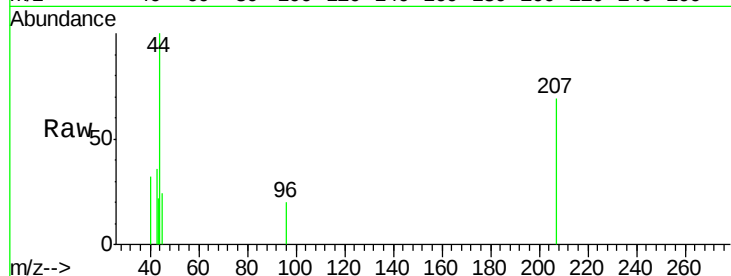




#22
Diisopropyl ether
Concen: 2.52 ug/l
RT: 2.95 min Scan# 246
Delta R.T. 0.04 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

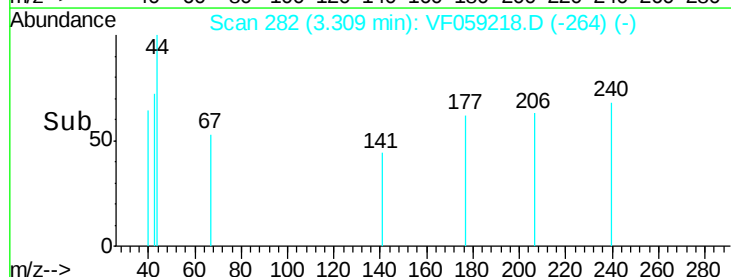
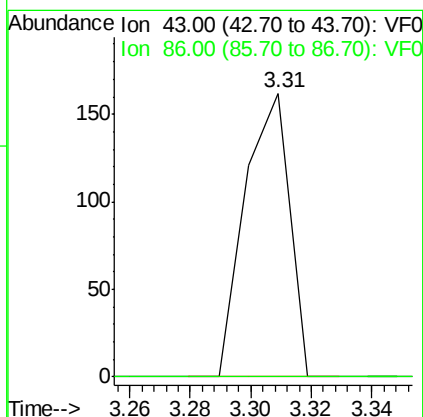
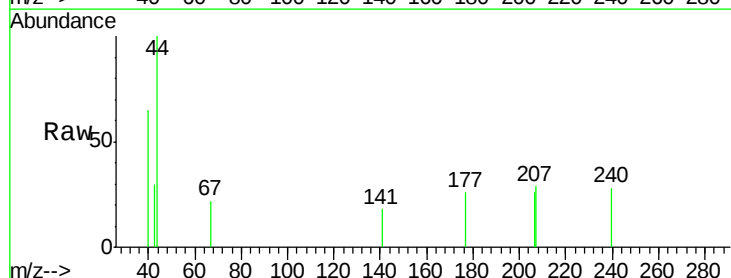
Instrument :
MSVOA_F
ClientSampled :
TP-10

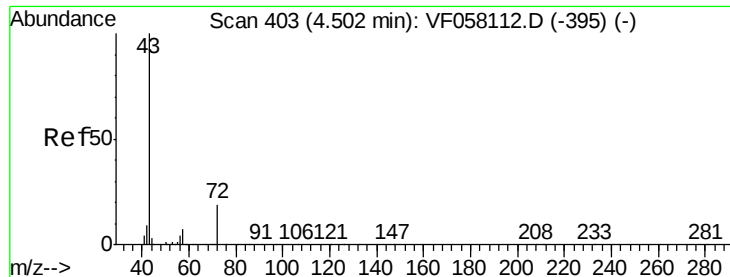
Tot Ion:	45	Resp:	77
Ion	Ratio	Lower	Upper
45	100		
43	239.2	43.2	64.8#
87	0.0	13.8	20.6#
59	0.0	7.5	11.3#



#23
Vinyl Acetate
Concen: 8.28 ug/l
RT: 3.31 min Scan# 282
Delta R.T. -0.02 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion:	43	Resp:	167
Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.0	9.0#





#25

2-Butanone

Concen: 31.66 ug/l

RT: 4.49 min Scan# 402

Delta R.T. -0.01 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampled :

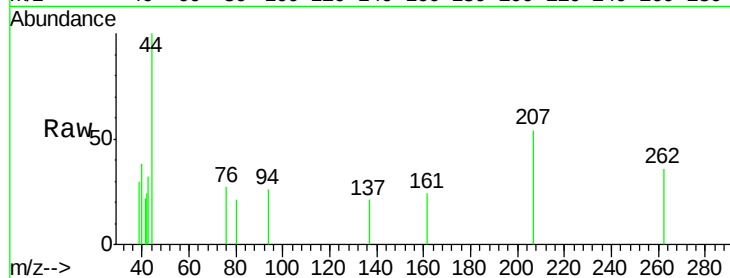
TP-10

Tot Ion: 43 Resp: 171

Ion Ratio Lower Upper

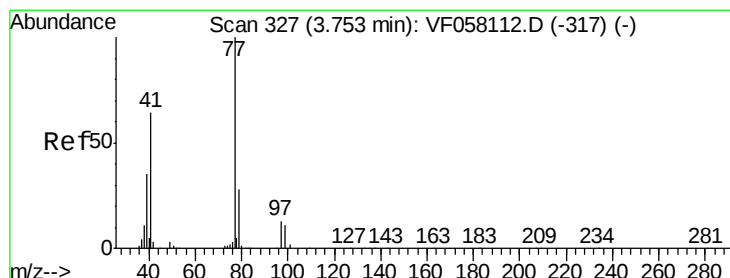
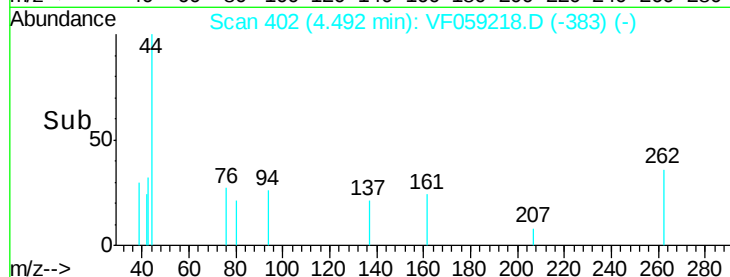
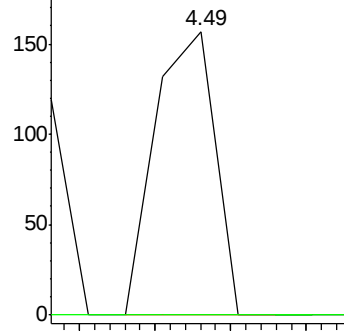
43 100

72 0.0 16.1 24.1#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 5.87 ug/l

RT: 3.63 min Scan# 315

Delta R.T. -0.12 min

Lab File: VF059218.D

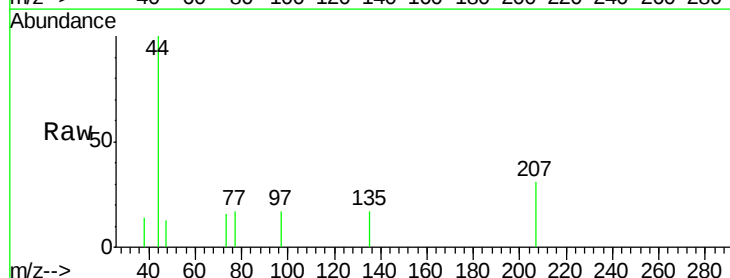
Acq: 20 Jun 2018 6:45

Tgt Ion: 77 Resp: 79

Ion Ratio Lower Upper

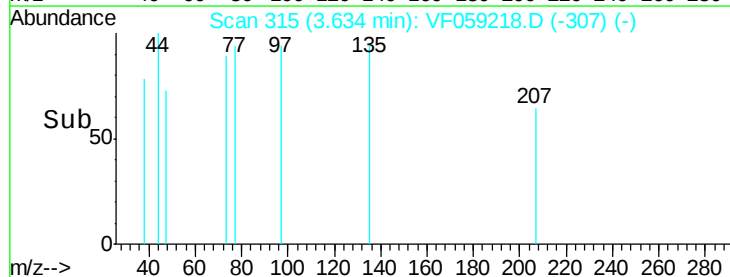
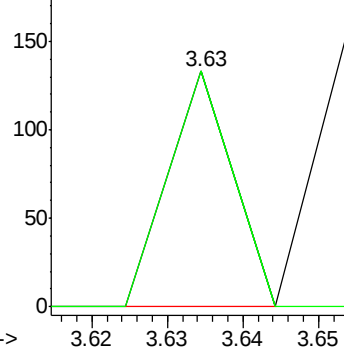
77 100

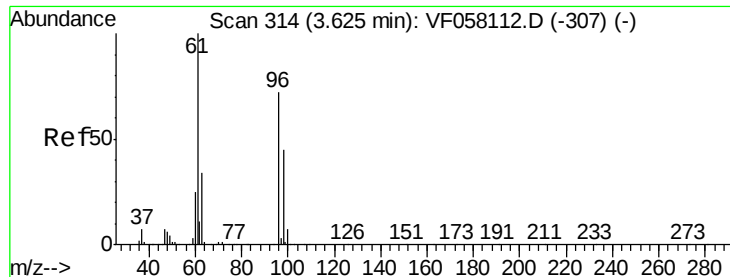
97 100.0 7.2 21.6#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



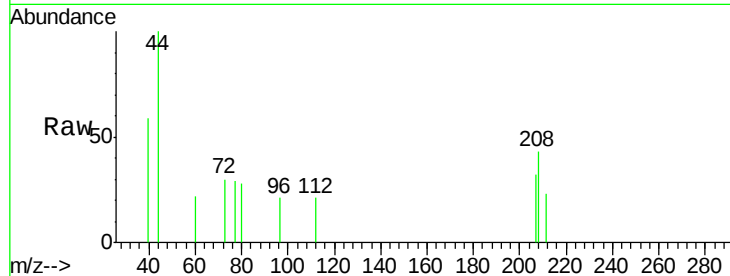


#27

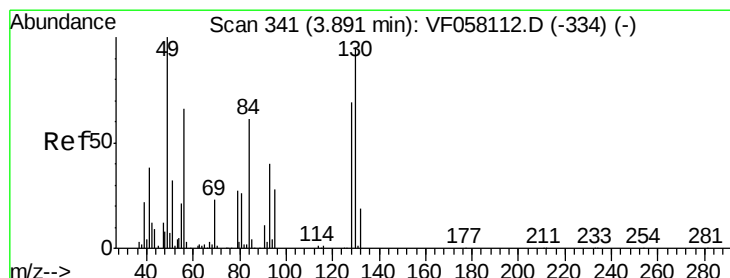
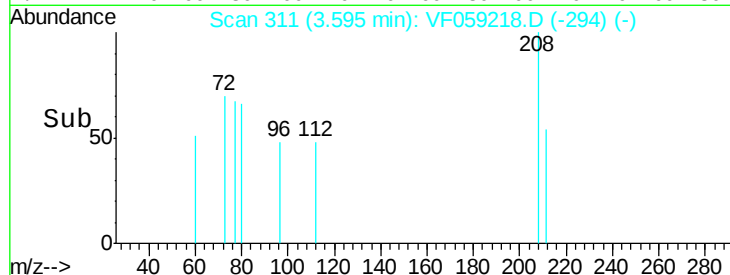
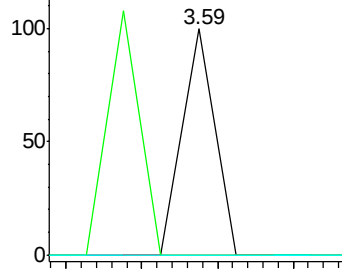
cis-1,2-Dichloroethene
Concen: 4.41 ug/l
RT: 3.59 min Scan# 311
Delta R.T. -0.03 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampled :
TP-10

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	278.6
98	0.0	0.0	125.2



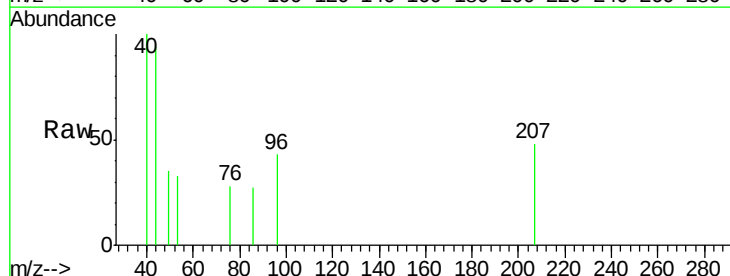
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



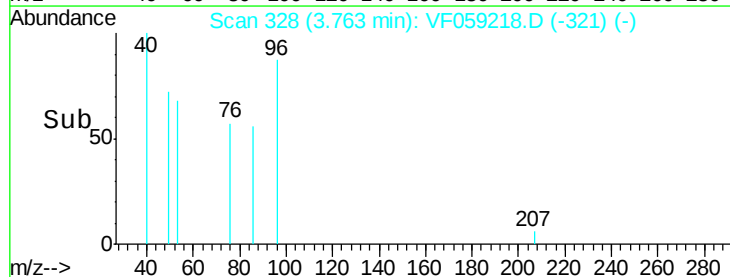
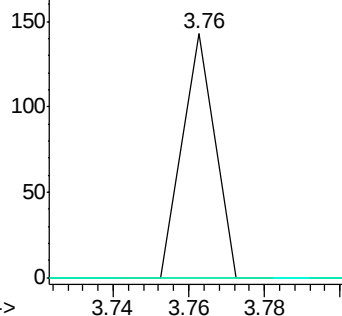
#28

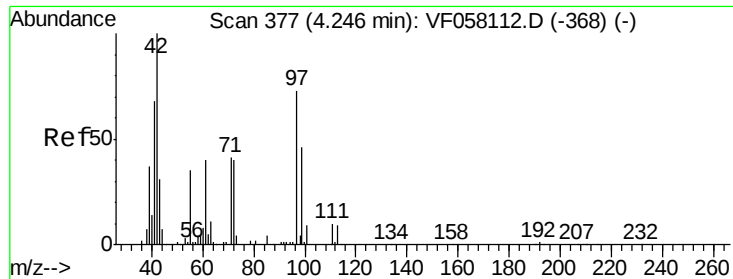
Bromochloromethane
Concen: 10.19 ug/l
RT: 3.76 min Scan# 328
Delta R.T. -0.13 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	0.0	75.8	113.8#



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: 29.84 ug/l

RT: 4.23 min Scan# 375

Delta R.T. -0.02 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

TP-10

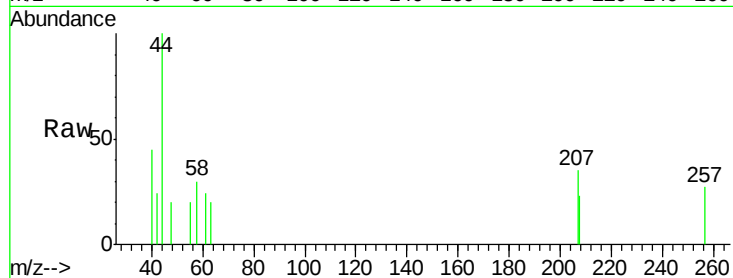
Tot Ion: 42 Resp: 71

Ion Ratio Lower Upper

42 100

72 0.0 30.5 45.7#

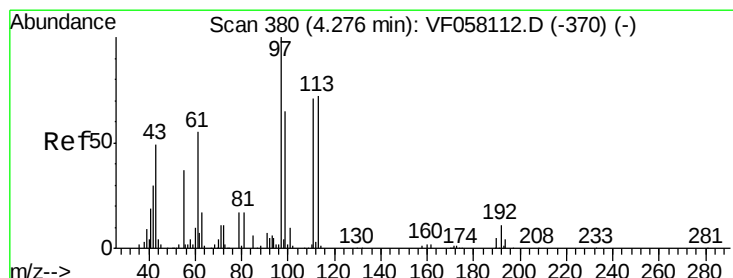
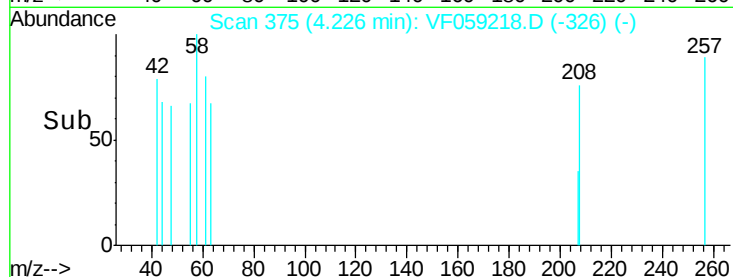
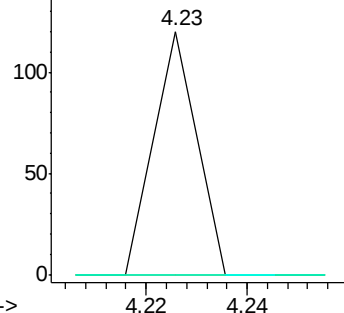
71 0.0 31.5 47.3#



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



#32

1,1,1-Trichloroethane

Concen: 3.99 ug/l

RT: 4.39 min Scan# 392

Delta R.T. 0.12 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

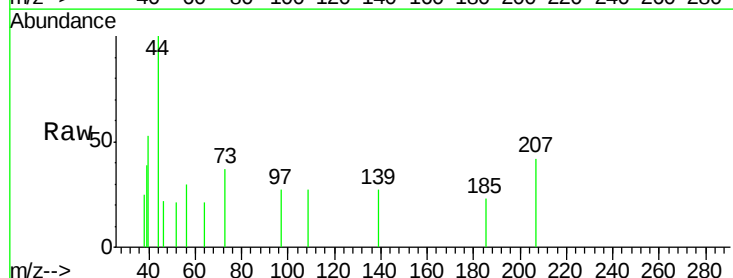
Tgt Ion: 97 Resp: 79

Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

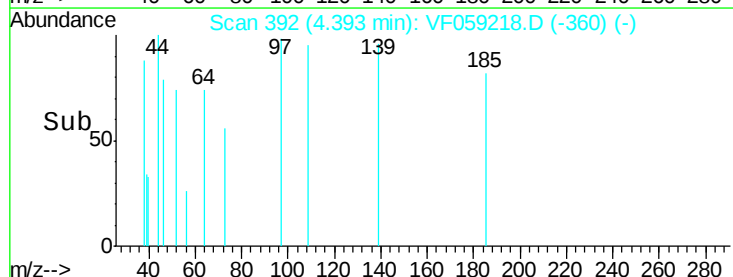
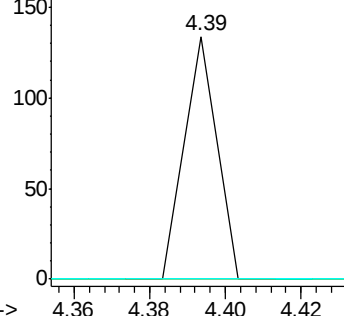
61 0.0 44.3 66.5#

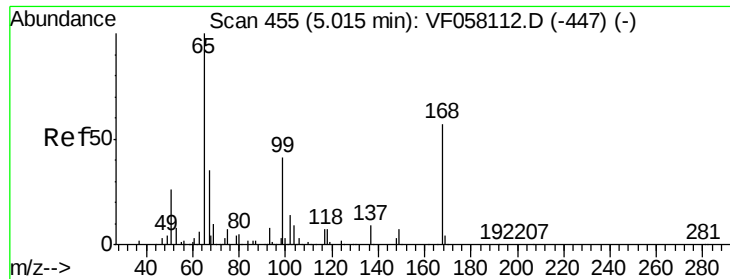


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

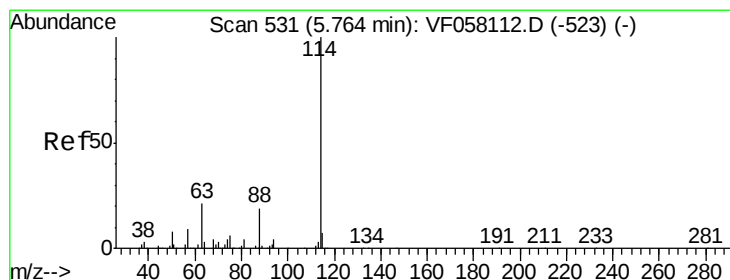
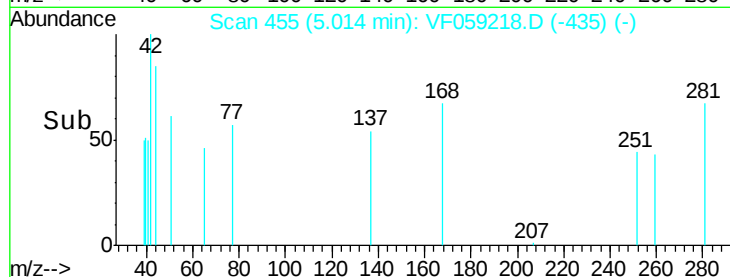
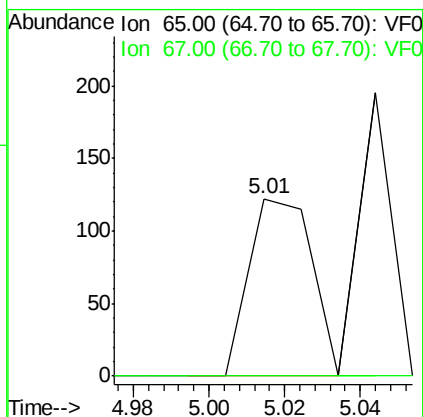
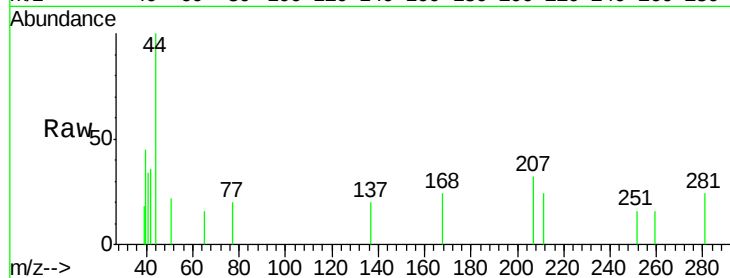




#33
 1,2-Dichloroethane-d4
 Concen: 9.60 ug/l
 RT: 5.01 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: VF059218.D
 Acq: 20 Jun 2018 6:45

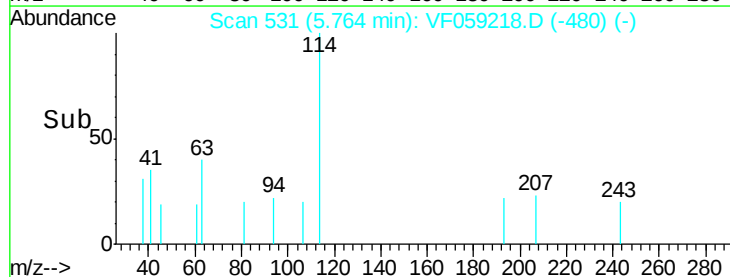
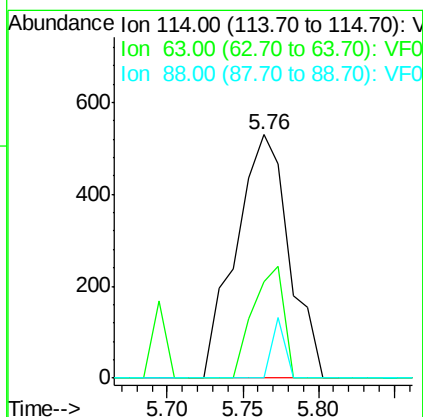
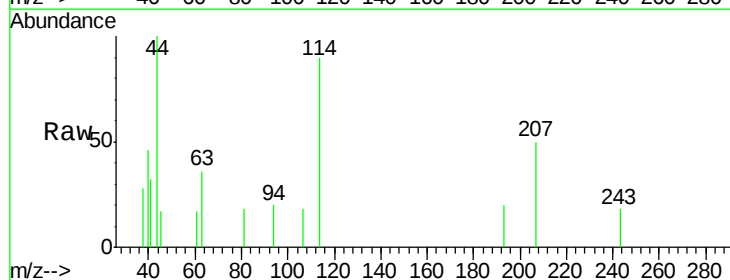
Instrument :
 MSVOA_F
 ClientSampled :
 TP-10

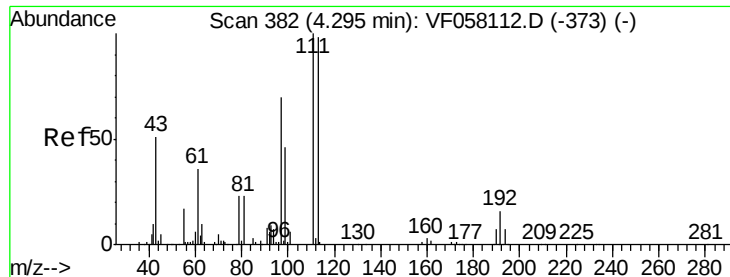
Tot Ion: 65 Resp: 140
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VF059218.D
 Acq: 20 Jun 2018 6:45

Tgt Ion: 114 Resp: 1299
 Ion Ratio Lower Upper
 114 100
 63 39.8 0.0 41.6
 88 0.0 0.0 38.8





#35

Dibromofluoromethane

Concen: 40.26 ug/l

RT: 4.28 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampled :

TP-10

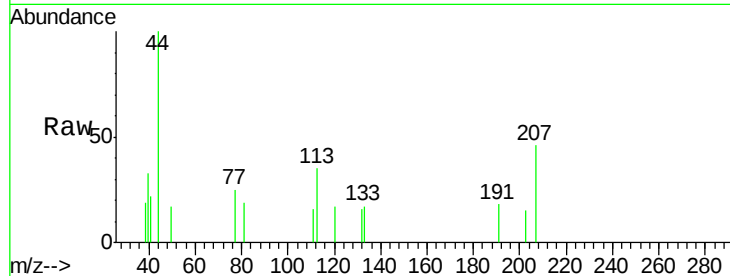
Tot Ion:113 Resp: 367

Ion Ratio Lower Upper

113 100

111 44.7 81.3 121.9#

192 0.0 12.7 19.1#



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

4.28

250

200

150

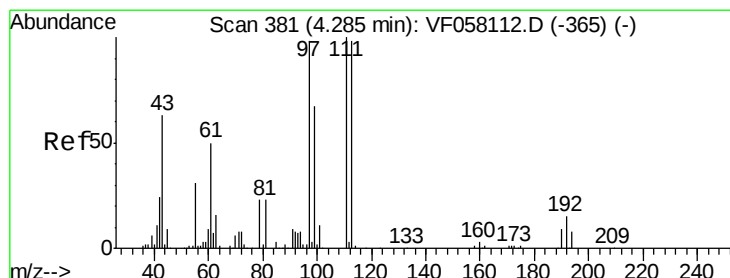
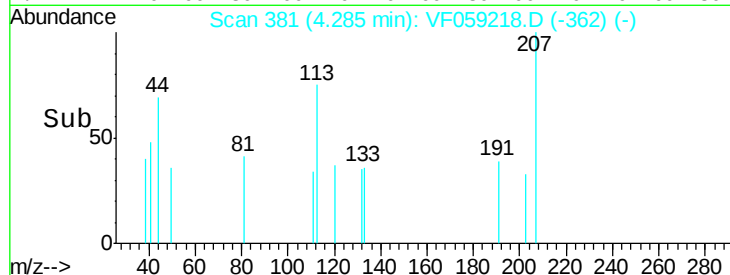
100

50

0

4.25 4.30 4.35

Time-->



#37

Ethyl Acetate

Concen: 15.04 ug/l

RT: 4.22 min Scan# 374

Delta R.T. -0.07 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

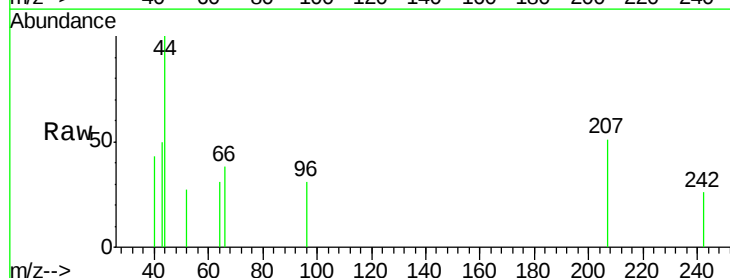
Tgt Ion: 43 Resp: 117

Ion Ratio Lower Upper

43 100

61 0.0 63.0 94.4#

70 0.0 7.5 11.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

4.22

250

200

150

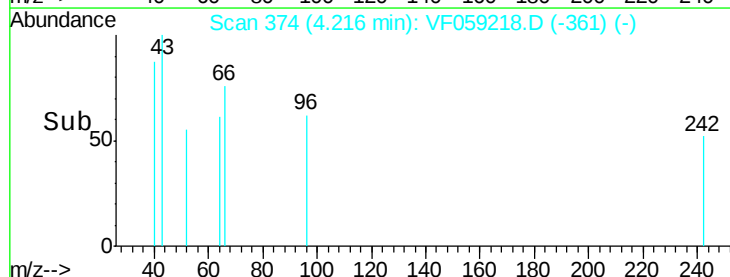
100

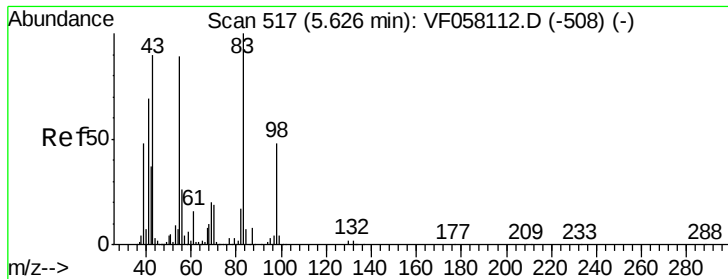
50

0

4.20 4.22 4.24

Time-->

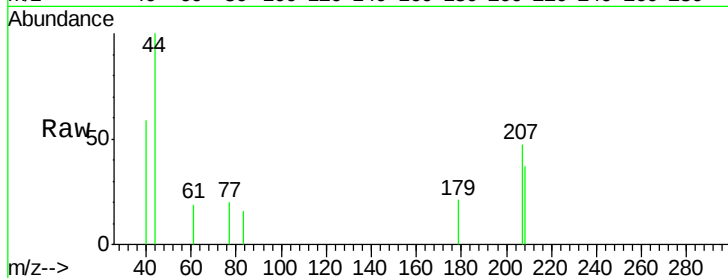




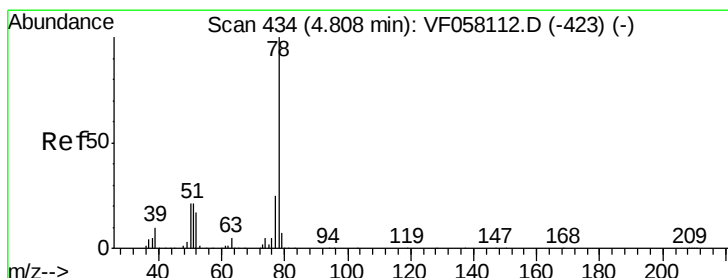
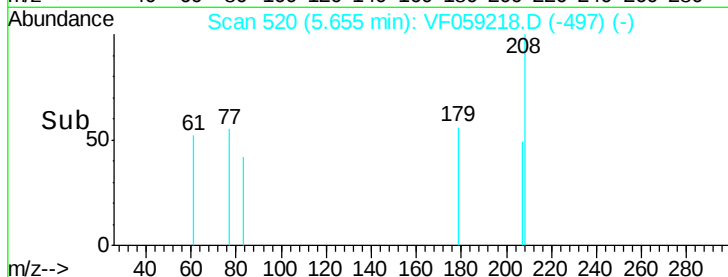
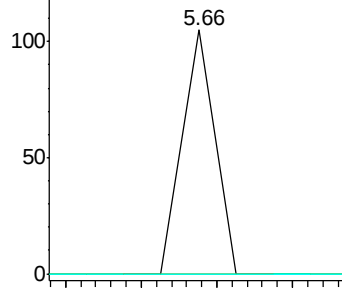
#39
Methvlcvclohexane
Concen: 4.83 ug/l
RT: 5.66 min Scan# 520
Delta R.T. 0.03 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Instrument :
MSVOA_F
ClientSampleId :
TP-10

Tot Ion: 83 Resp: 62
Ion Ratio Lower Upper
83 100
55 0.0 71.0 106.4#
98 0.0 38.1 57.1#

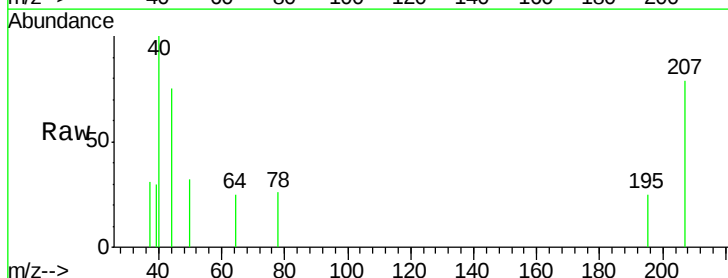


Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 98.00 (97.70 to 98.70): VF0

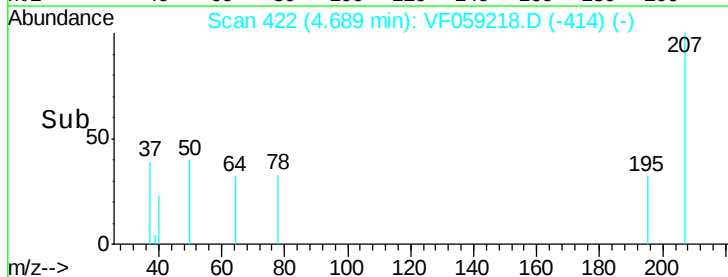
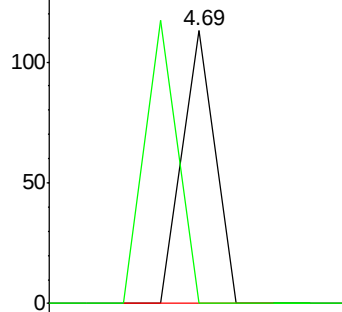


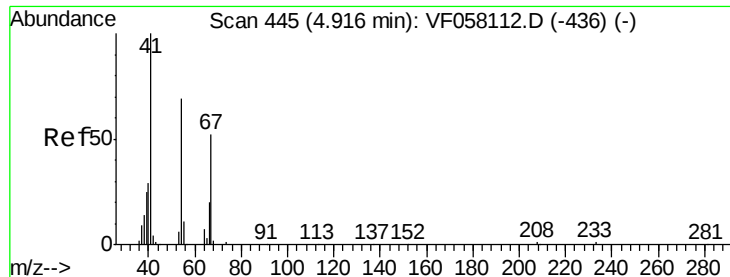
#40
Benzene
Concen: 2.29 ug/l
RT: 4.69 min Scan# 422
Delta R.T. -0.12 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 78 Resp: 67
Ion Ratio Lower Upper
78 100
77 0.0 20.2 30.2#



Abundance Ion 78.10 (77.80 to 78.80): VF0
Ion 77.00 (76.70 to 77.70): VF0





#41

Methacrylonitrile

Concen: 139.45 ug/l

RT: 4.94 min Scan# 447

Delta R.T. 0.02 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

TP-10

Tot Ion: 41 Resp: 533

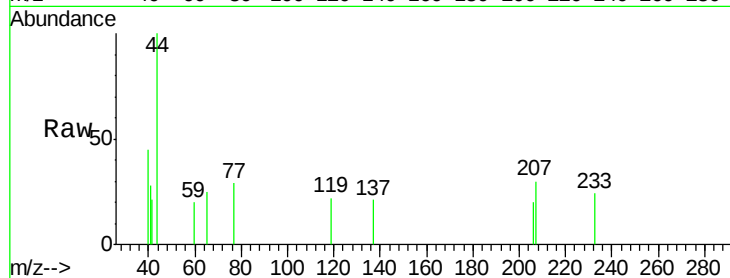
Ion Ratio Lower Upper

41 100

39 0.0 53.0 79.4#

67 0.0 41.0 61.6#

52 0.0 36.8 55.2#

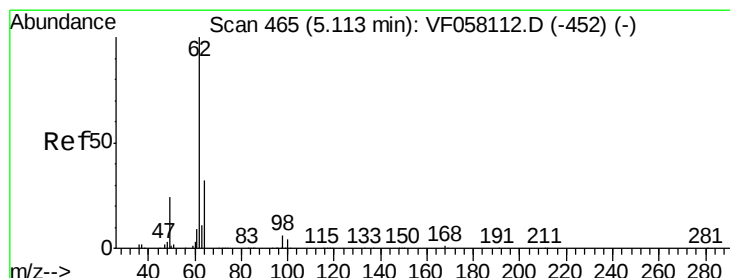
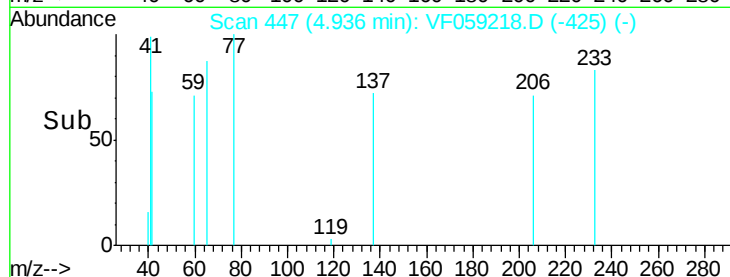
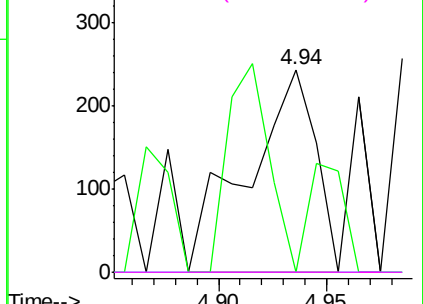


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 4.58 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.11 min

Lab File: VF059218.D

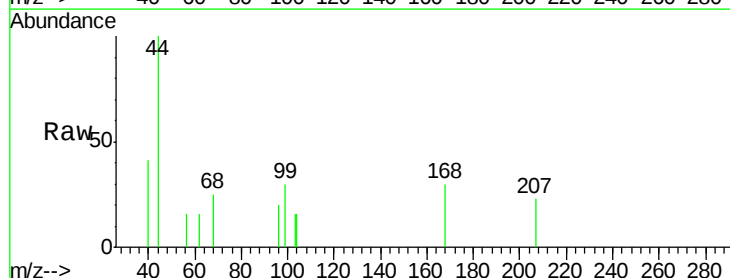
Acq: 20 Jun 2018 6:45

Tgt Ion: 62 Resp: 60

Ion Ratio Lower Upper

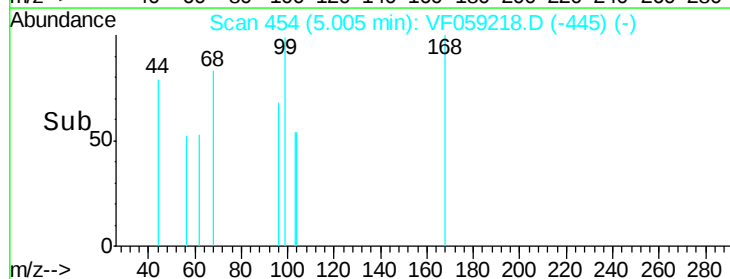
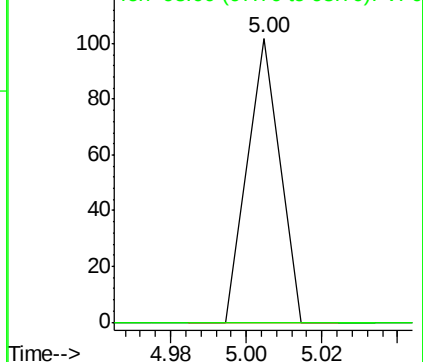
62 100

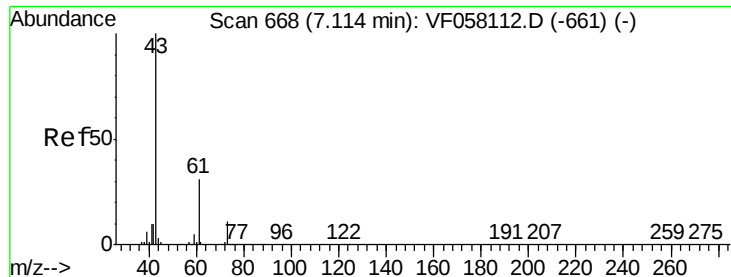
98 0.0 0.0 11.8



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 7.87 ug/l

RT: 7.12 min Scan# 669

Delta R.T. 0.01 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

TP-10

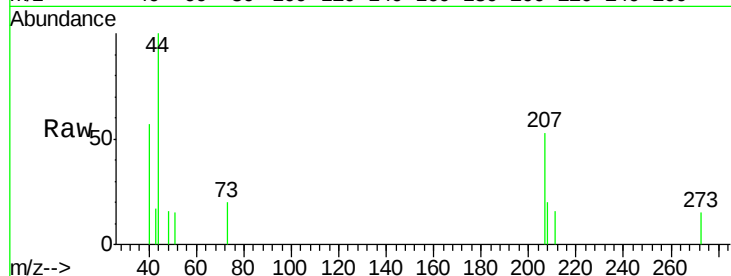
Tot Ion: 43 Resp: 82

Ion Ratio Lower Upper

43 100

61 0.0 25.1 37.7#

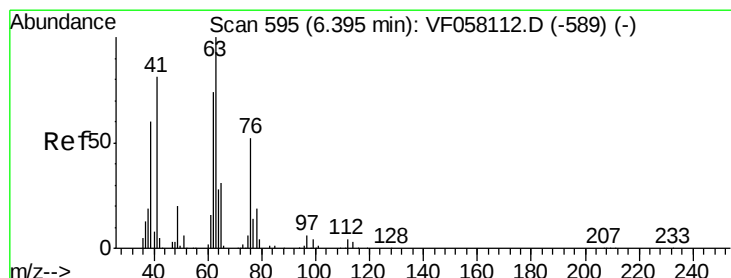
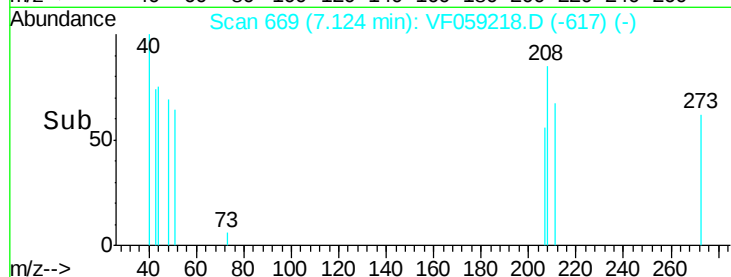
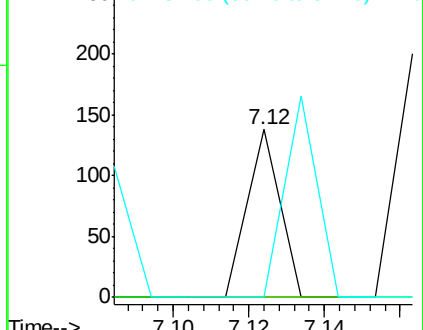
87 0.0 0.2 0.4#



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: 10.56 ug/l

RT: 6.32 min Scan# 587

Delta R.T. -0.08 min

Lab File: VF059218.D

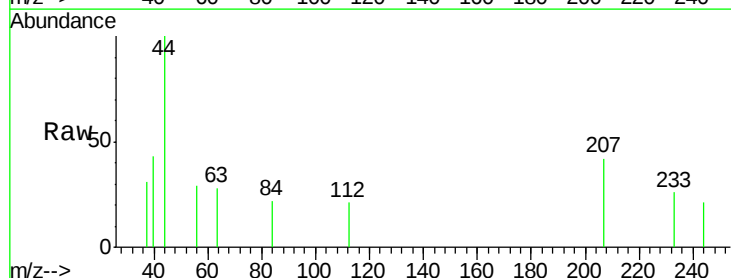
Acq: 20 Jun 2018 6:45

Tgt Ion: 63 Resp: 89

Ion Ratio Lower Upper

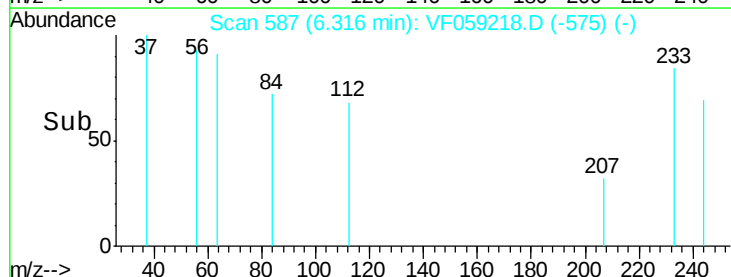
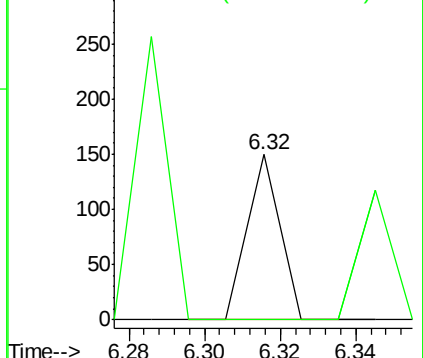
63 100

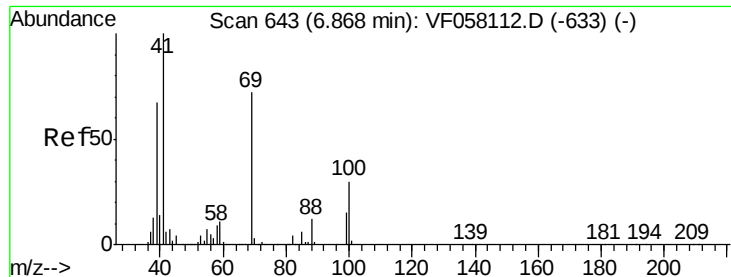
65 0.0 24.6 37.0#



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

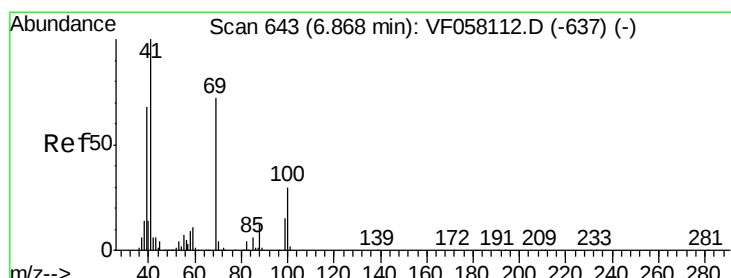
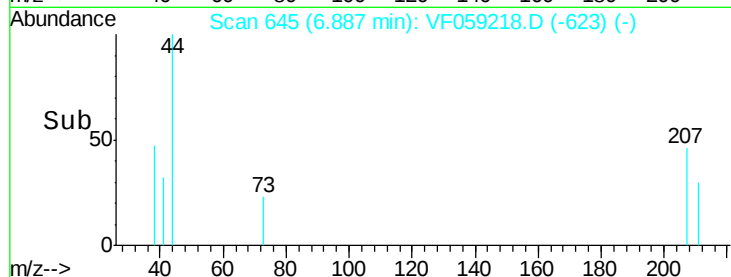
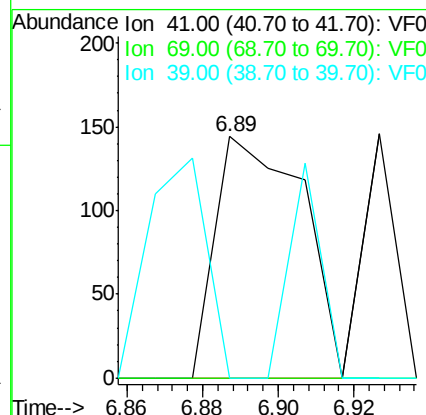
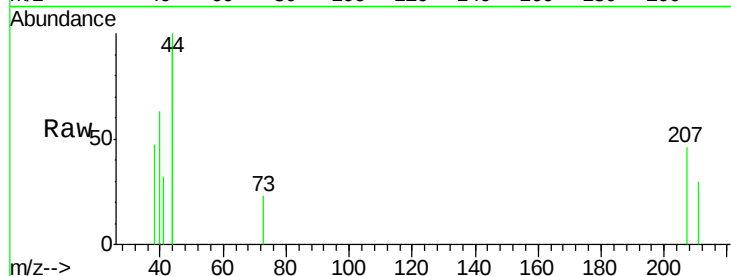




#48
Methvl methacrylate
Concen: 35.65 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.02 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

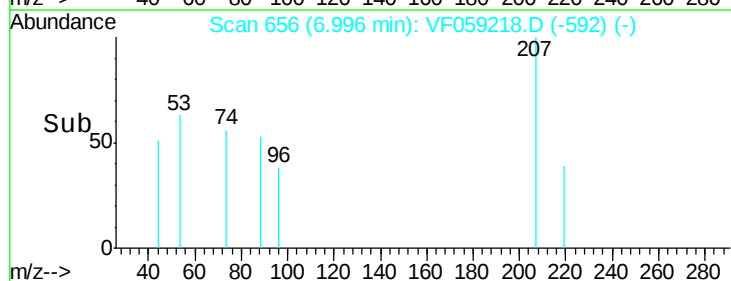
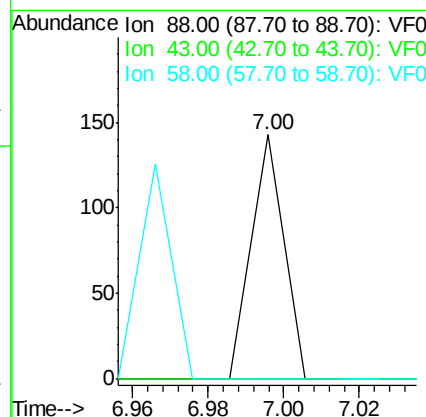
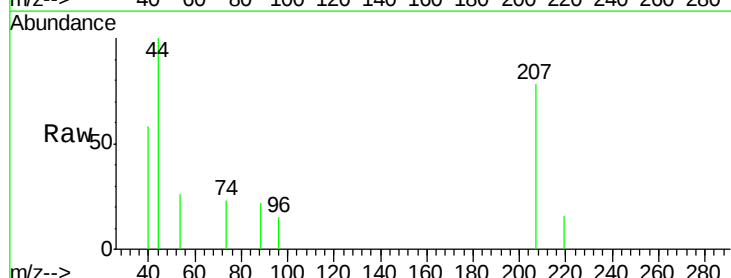
Instrument :
MSVOA_F
ClientSampled :
TP-10

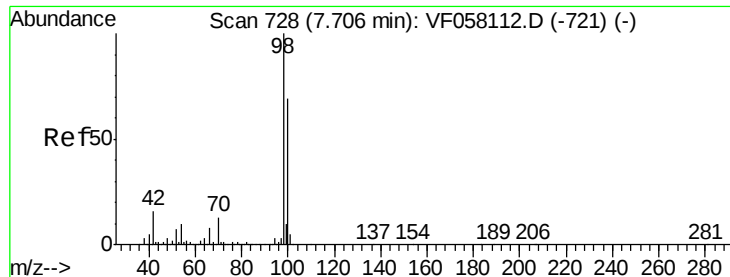
Tot Ion: 41 Resp: 229
Ion Ratio Lower Upper
41 100
69 0.0 57.2 85.8#
39 0.0 54.3 81.5#



#49
1,4-Dioxane
Concen: 2117.41 ug/l
RT: 7.00 min Scan# 656
Delta R.T. 0.13 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 88 Resp: 85
Ion Ratio Lower Upper
88 100
43 0.0 47.8 71.8#
58 0.0 59.4 89.0#





#50

Toluene-d8

Concen: 47.47 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.01 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

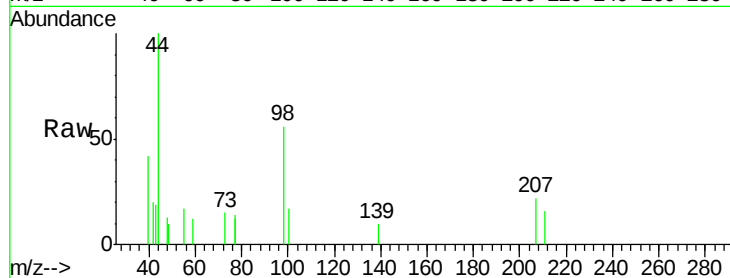
TP-10

Tot Ion: 98 Resp: 1271

Ion Ratio Lower Upper

98 100

100 29.6 55.6 83.4#



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.70

600

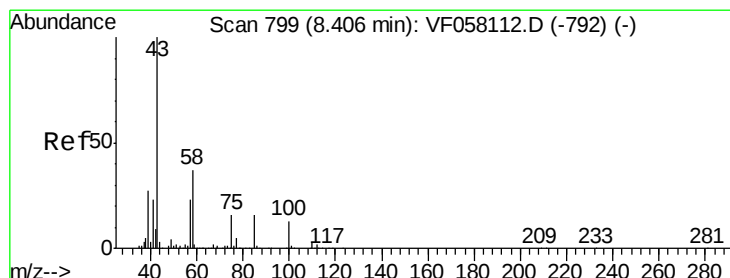
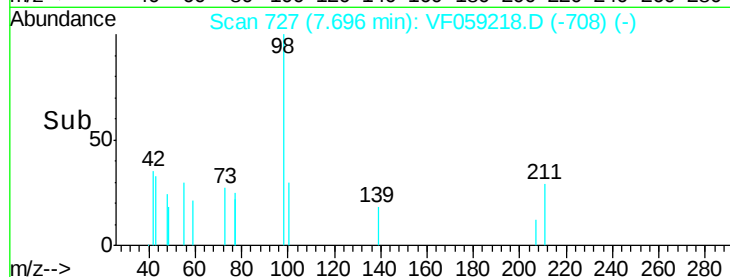
400

200

0

7.65 7.70 7.75 7.80

Time-->



#51

4-Methyl-2-Pentanone

Concen: 34.03 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.01 min

Lab File: VF059218.D

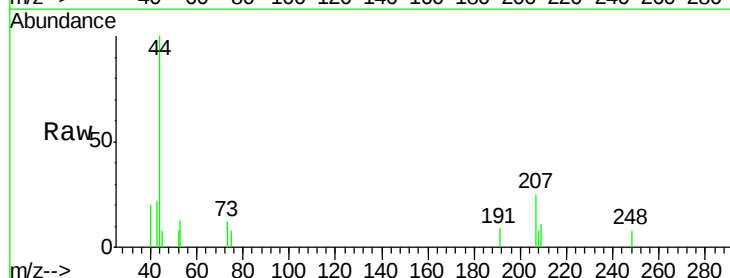
Acq: 20 Jun 2018 6:45

Tgt Ion: 43 Resp: 243

Ion Ratio Lower Upper

43 100

58 0.0 29.4 44.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.40

300

250

200

150

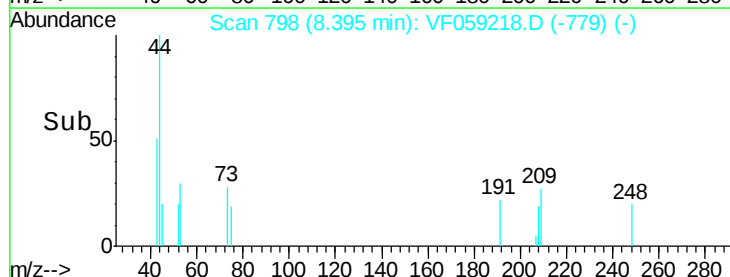
100

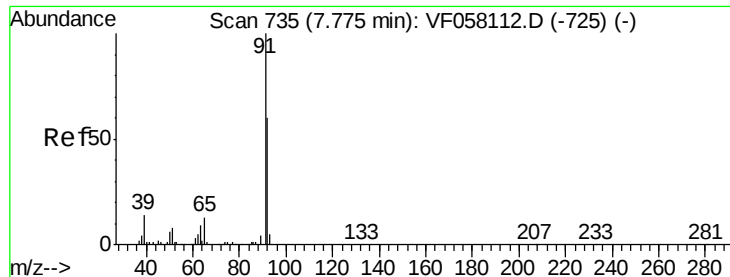
50

0

8.38 8.40 8.42 8.44

Time-->





#52

Toluene

Concen: 3.23 ug/l

RT: 7.90 min Scan# 748

Delta R.T. 0.13 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampled :

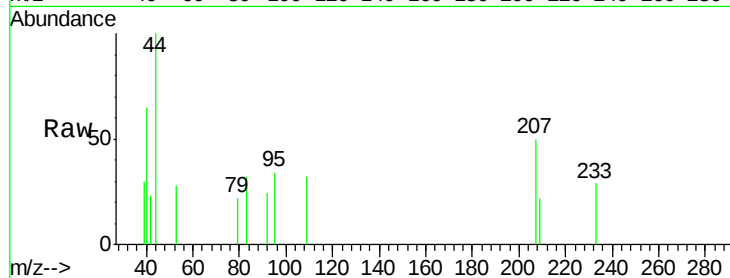
TP-10

Tot Ion: 92 Resp: 68

Ion Ratio Lower Upper

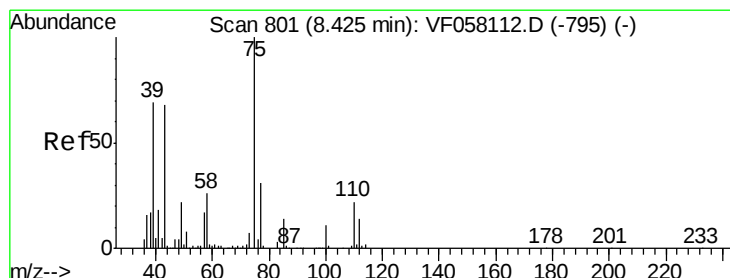
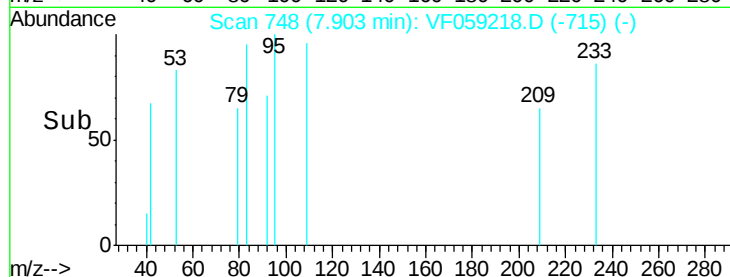
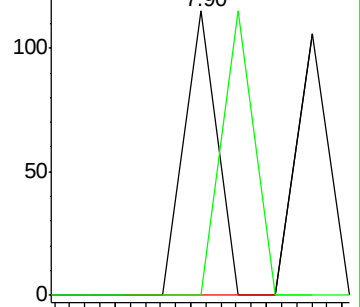
92 100

91 0.0 132.9 199.3#



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0



#53

t-1,3-Dichloropropene

Concen: 4.80 ug/l

RT: 8.43 min Scan# 801

Delta R.T. -0.00 min

Lab File: VF059218.D

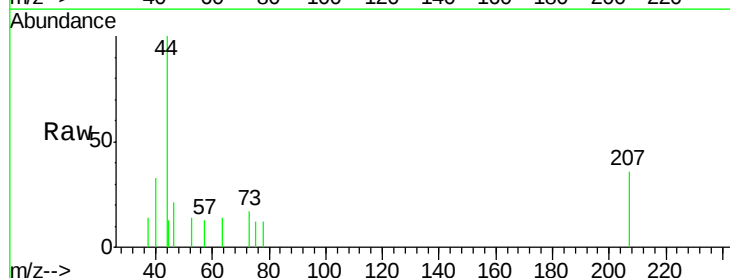
Acq: 20 Jun 2018 6:45

Tgt Ion: 75 Resp: 67

Ion Ratio Lower Upper

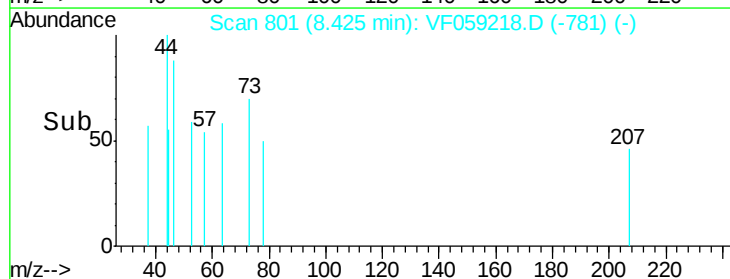
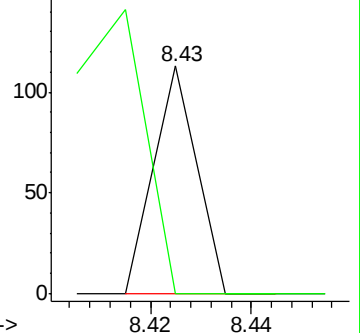
75 100

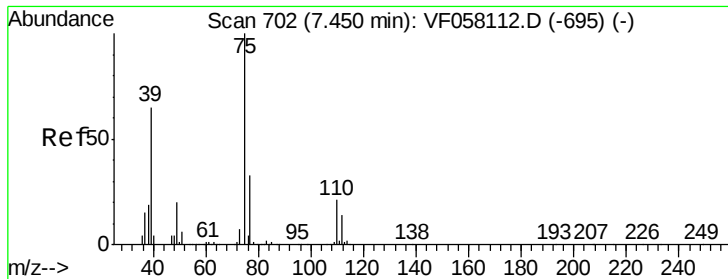
77 0.0 25.1 37.7#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#54

cis-1,3-Dichloropropene

Concen: 5.67 ug/l

RT: 7.51 min Scan# 708

Delta R.T. 0.06 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampled :

TP-10

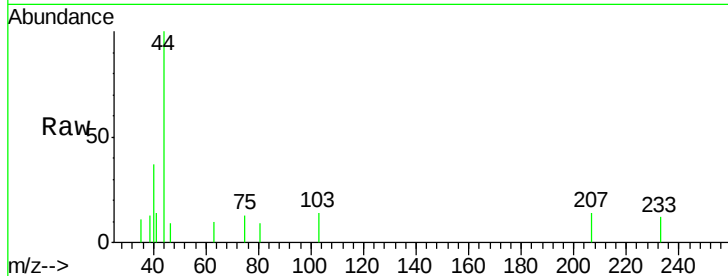
Tot Ion: 75 Resp: 91

Ion Ratio Lower Upper

75 100

77 0.0 26.3 39.5#

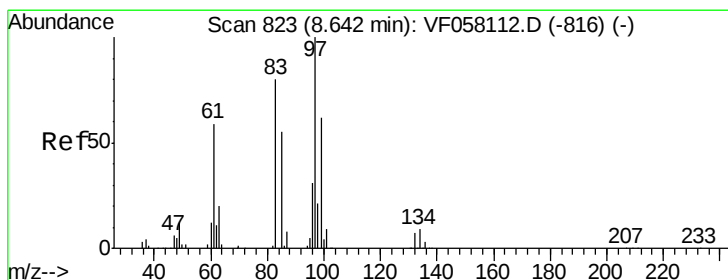
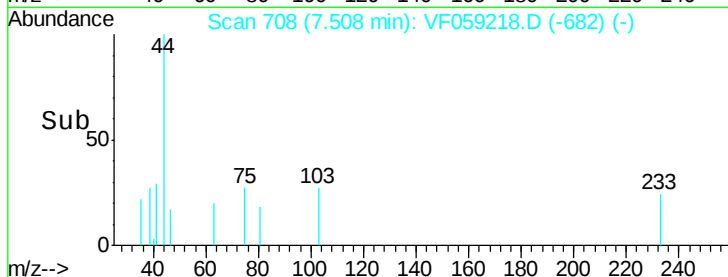
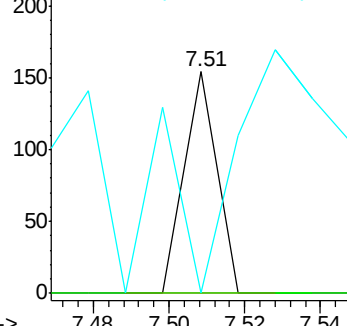
39 0.0 52.1 78.1#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#55

1,1,2-Trichloroethane

Concen: 8.00 ug/l

RT: 8.66 min Scan# 825

Delta R.T. 0.02 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Tgt Ion: 97 Resp: 61

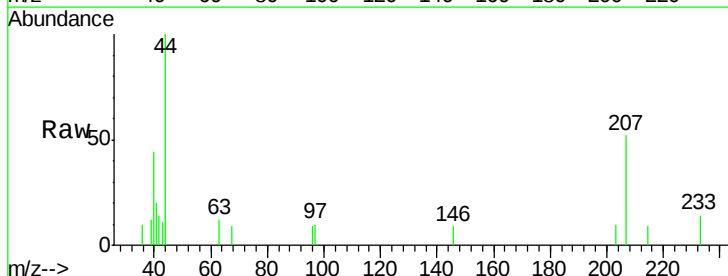
Ion Ratio Lower Upper

97 100

83 0.0 64.3 96.5#

85 0.0 43.8 65.8#

99 0.0 49.8 74.8#

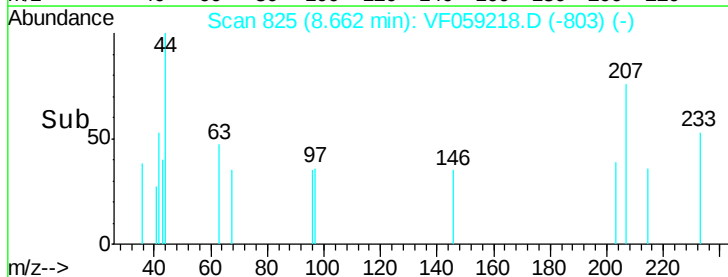
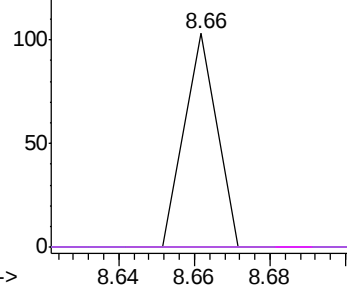


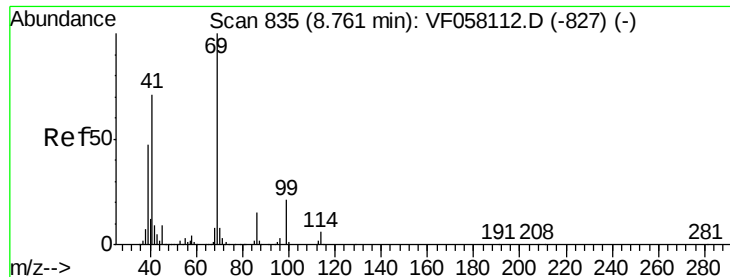
Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0





#56

Ethyl methacrylate

Concen: 7.70 ug/l

RT: 8.69 min Scan# 828

Delta R.T. -0.07 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampled :

TP-10

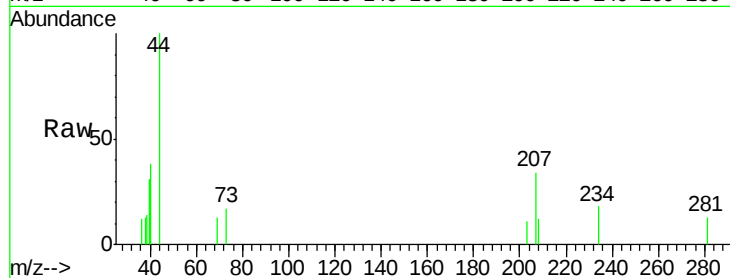
Tot Ion: 69 Resp: 74

Ion Ratio Lower Upper

69 100

41 0.0 56.9 85.3#

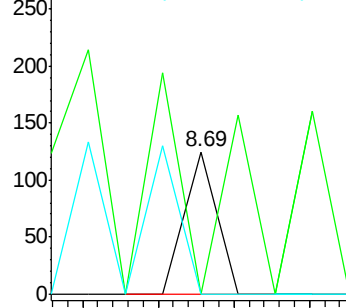
39 0.0 38.0 57.0#



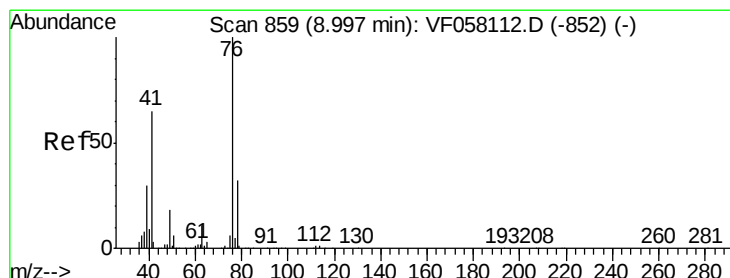
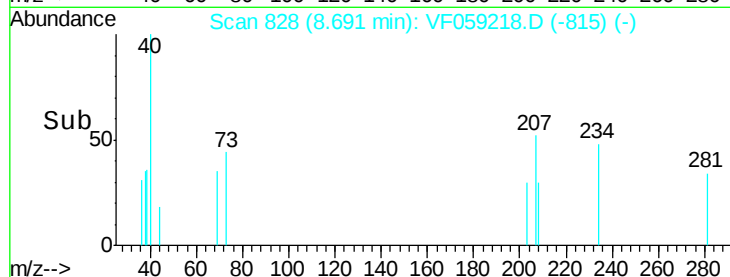
Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



Time-->



#57

1,3-Dichloropropane

Concen: 7.28 ug/l

RT: 9.05 min Scan# 864

Delta R.T. 0.05 min

Lab File: VF059218.D

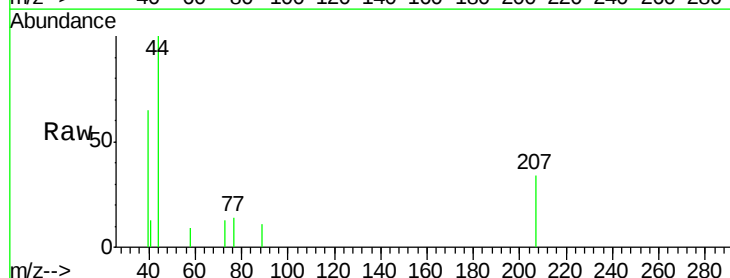
Acq: 20 Jun 2018 6:45

Tgt Ion: 76 Resp: 95

Ion Ratio Lower Upper

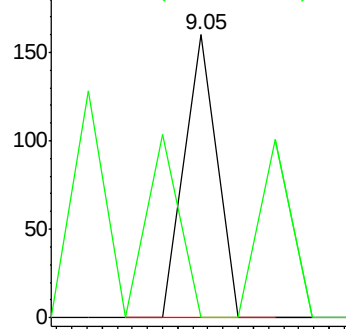
76 100

78 0.0 25.8 38.6#

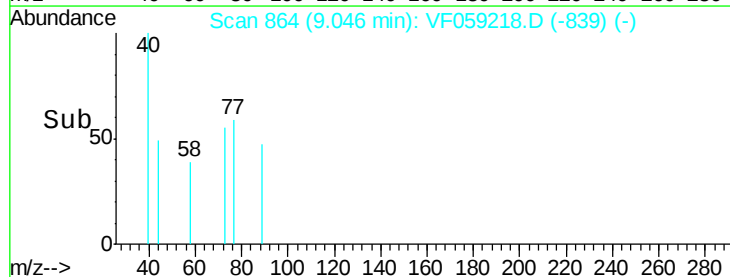


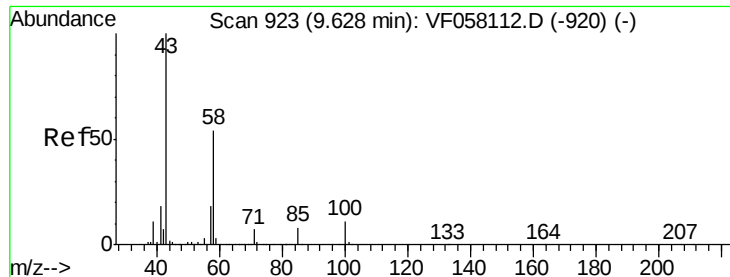
Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



Time-->

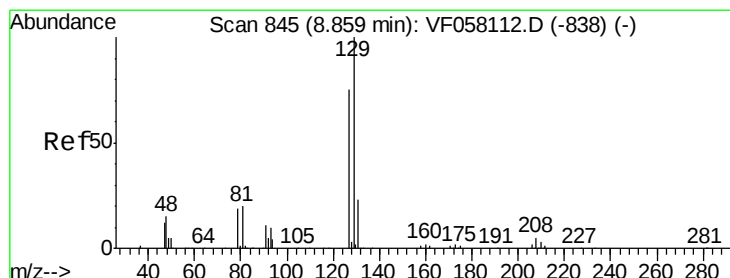
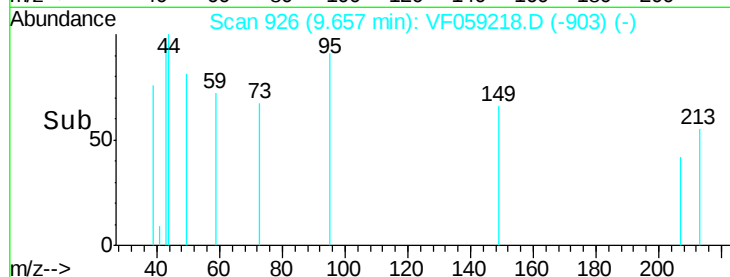
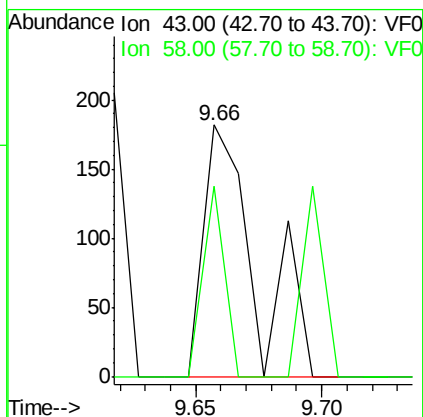
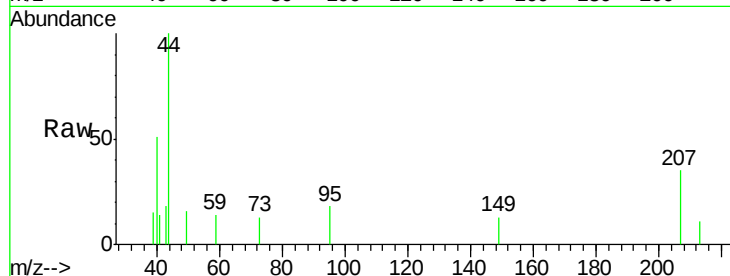




#59
2-Hexanone
Concen: 46.21 ug/l
RT: 9.66 min Scan# 926
Delta R.T. 0.03 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

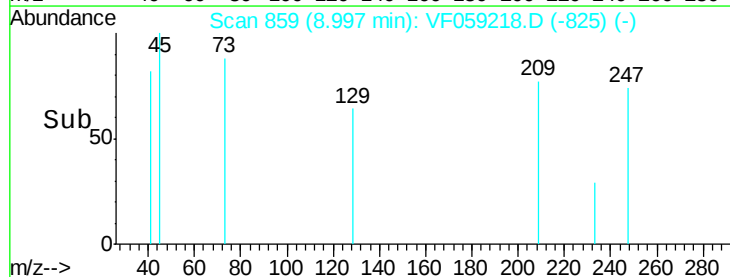
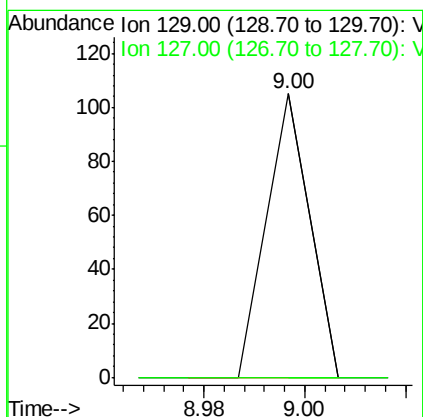
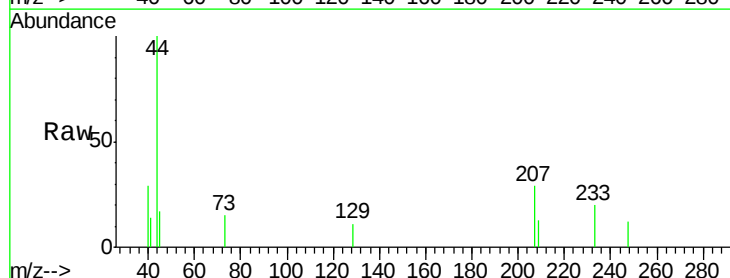
Instrument :
MSVOA_F
ClientSampled :
TP-10

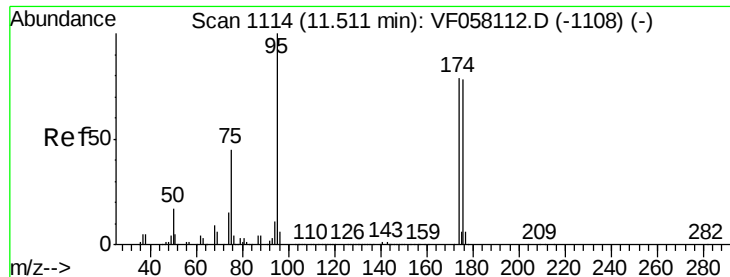
Tot Ion: 43 Resp: 261
Ion Ratio Lower Upper
43 100
58 75.8 26.3 78.8



#60
Dibromochloromethane
Concen: 5.66 ug/l
RT: 9.00 min Scan# 859
Delta R.T. 0.14 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 129 Resp: 62
Ion Ratio Lower Upper
129 100
127 0.0 37.6 112.9#

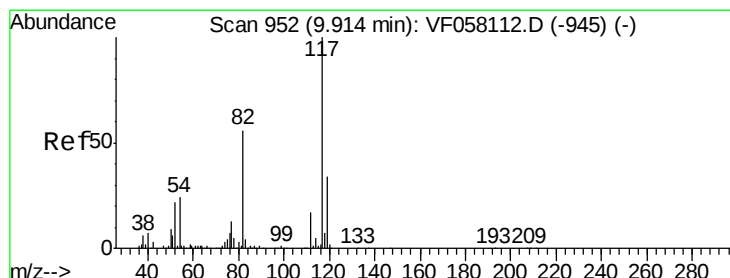
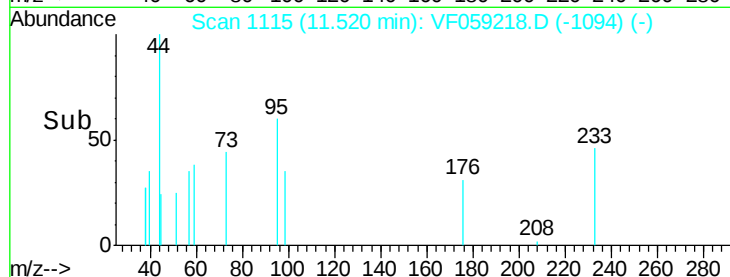
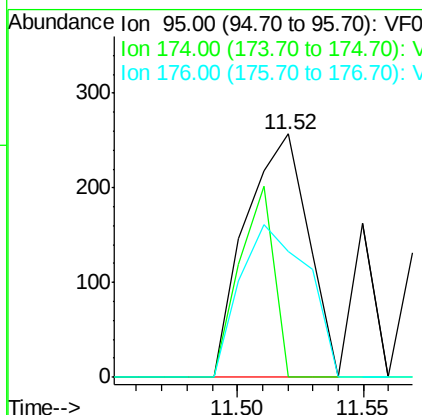
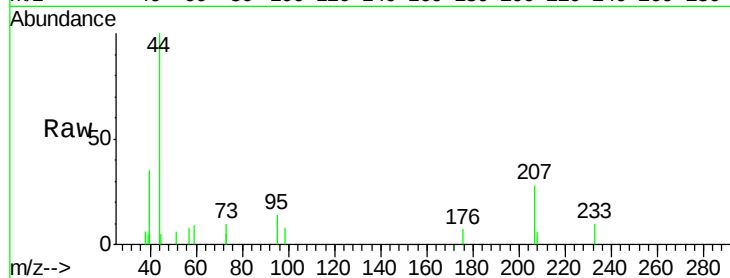




#62
4-Bromofluorobenzene
Concen: 32.33 ug/l
RT: 11.52 min Scan# 1115
Delta R.T. 0.01 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

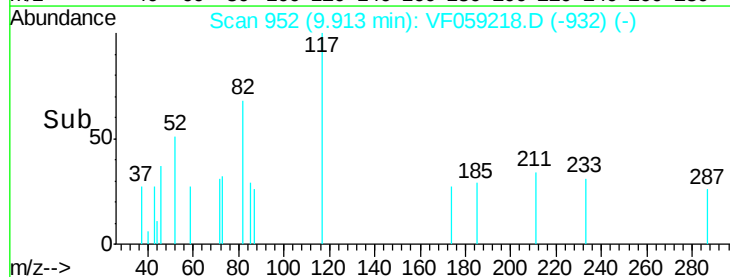
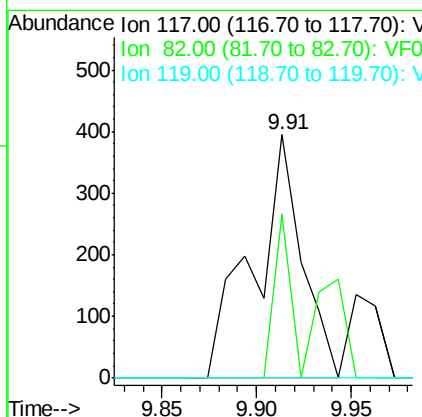
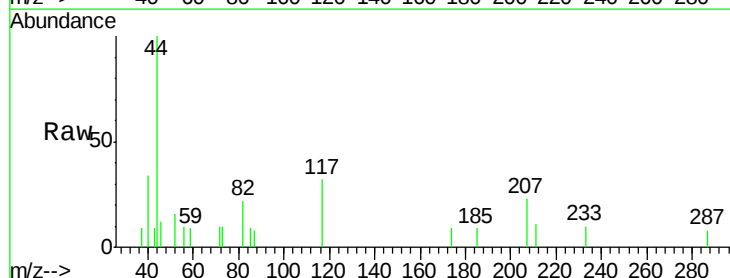
Instrument :
MSVOA_F
ClientSampled :
TP-10

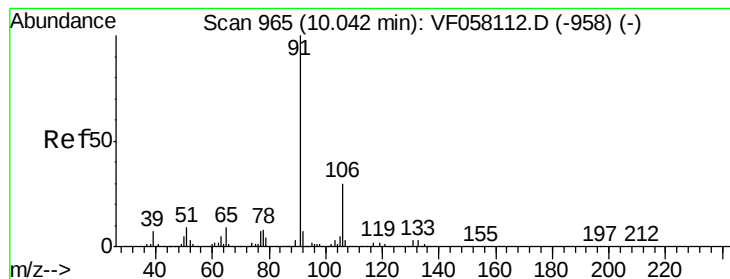
Tot Ion: 95 Resp: 444
Ion Ratio Lower Upper
95 100
174 0.0 0.0 157.8
176 51.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 117 Resp: 697
Ion Ratio Lower Upper
117 100
82 67.6 45.2 67.8
119 0.0 27.5 41.3#





#67

Ethyl Benzene

Concen: 2.50 ug/l

RT: 9.99 min Scan# 960

Delta R.T. -0.05 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

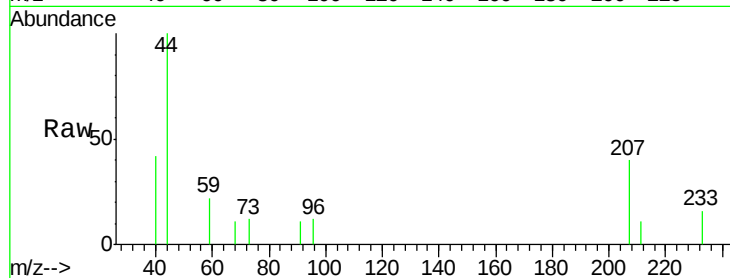
TP-10

Tot Ion: 91.00 Resp: 60

Ion Ratio Lower Upper

91 100

106 0.0 24.2 36.4#

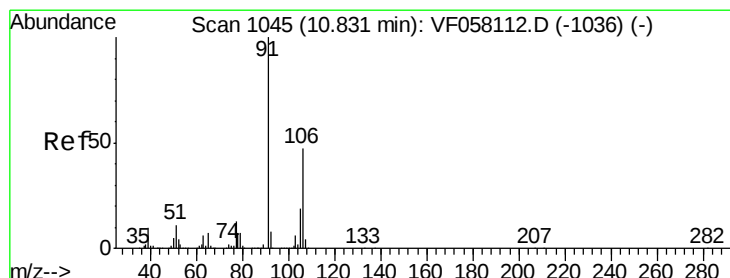
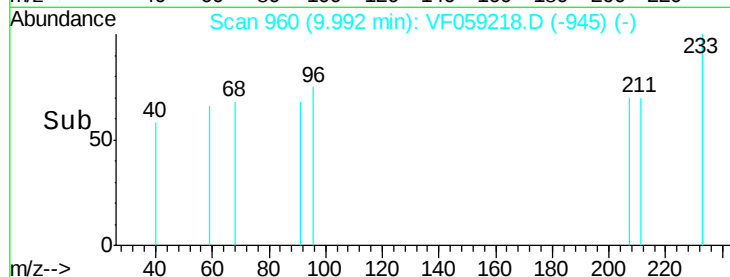


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

9.99

Time-->



#69

o-Xylene

Concen: 6.18 ug/l

RT: 10.82 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VF059218.D

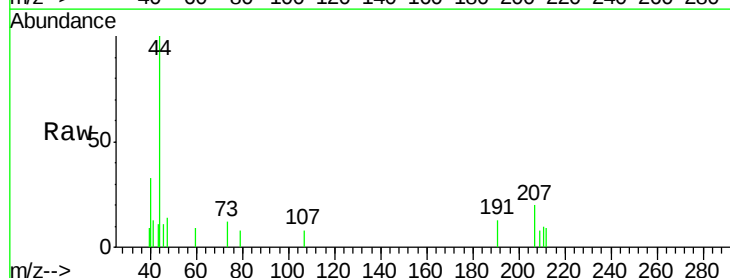
Acq: 20 Jun 2018 6:45

Tgt Ion: 106 Resp: 60

Ion Ratio Lower Upper

106 100

91 0.0 107.0 321.0#

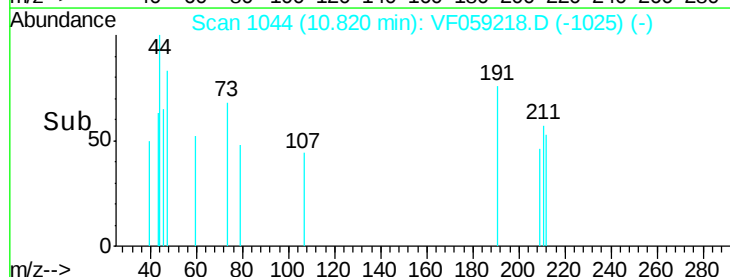


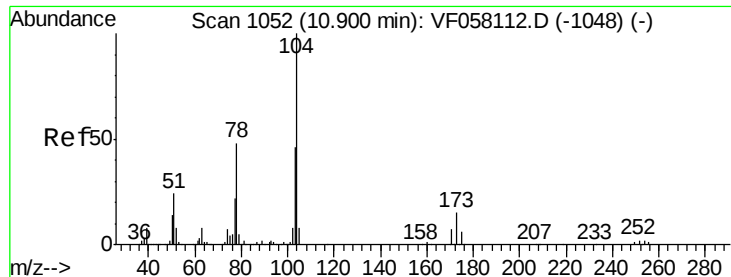
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

10.82

Time-->





#70

Stvrene

Concen: 5.79 ug/l

RT: 10.87 min Scan# 1049

Delta R.T. -0.03 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

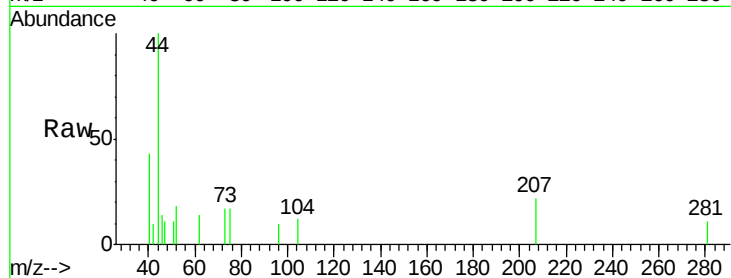
Instrument :

MSVOA_F

ClientSampleId :

TP-10

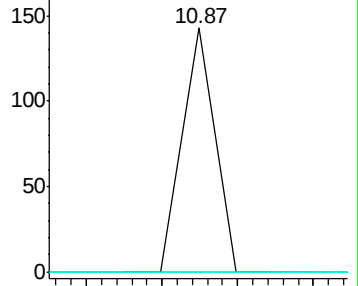
Tot Ion:104	Resp:	85
Ion Ratio	Lower	Upper
104	100	
78	0.0	38.4 57.6#
103	0.0	37.0 55.6#



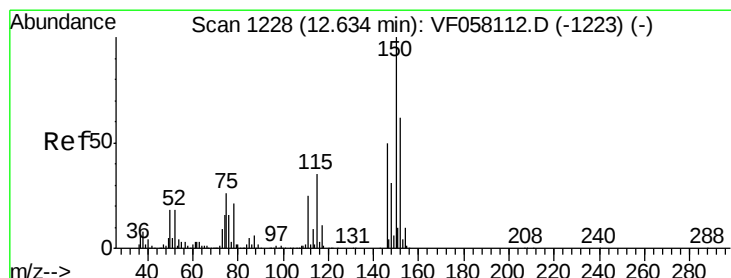
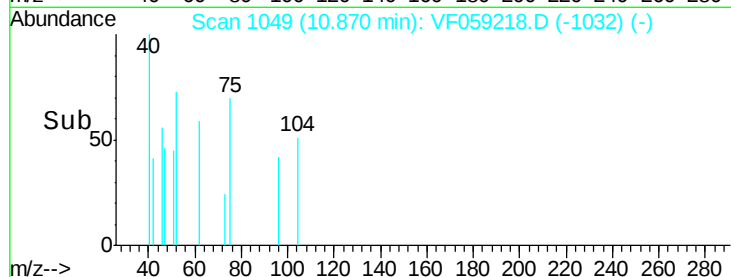
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

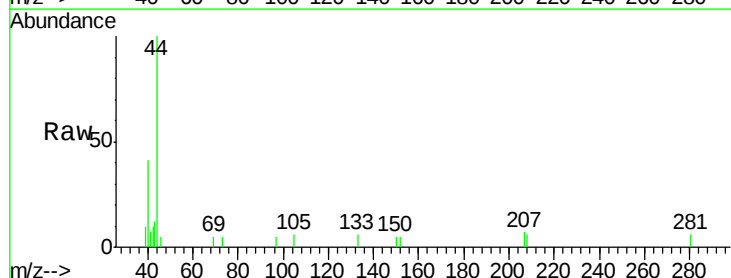
RT: 12.62 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

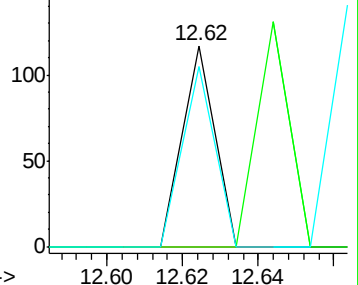
Tgt Ion:152	Resp:	69
Ion Ratio	Lower	Upper
152	100	
115	0.0	28.5 85.5#
150	89.7	0.0 323.8



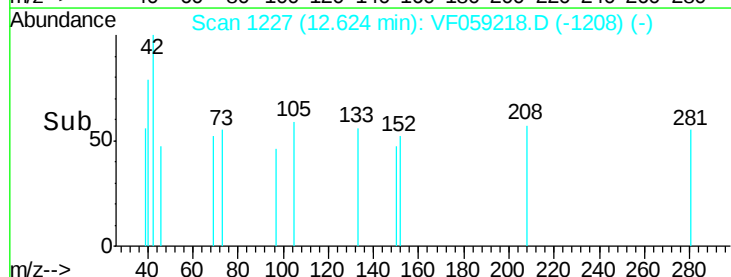
Abundance Ion 152.00 (151.70 to 152.70): V

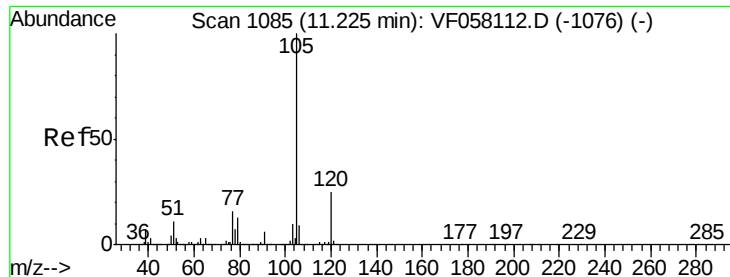
Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



Time-->





#73

Isopropylbenzene

Concen: 30.77 ug/l

RT: 11.24 min Scan# 1087

Delta R.T. 0.02 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

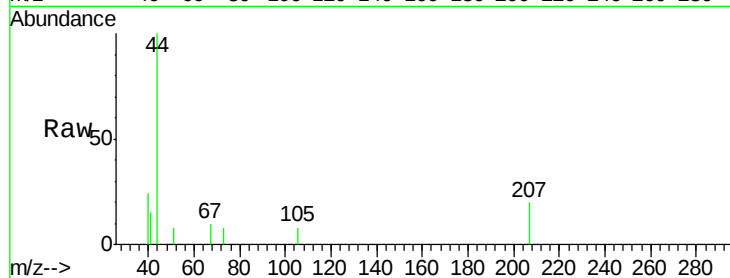
TP-10

Tot Ion:105 Resp: 147

Ion Ratio Lower Upper

105 100

120 0.0 12.7 38.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

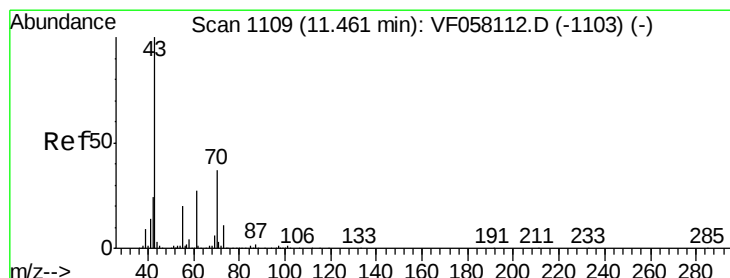
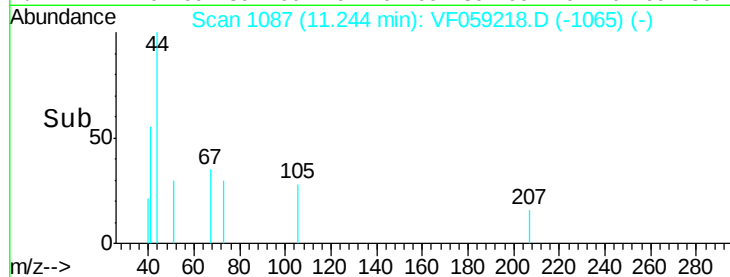
11.24

100

50

0

Time-->



#74

N-ethyl acetate

Concen: 239.09 ug/l

RT: 11.44 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Tgt Ion: 43 Resp: 408

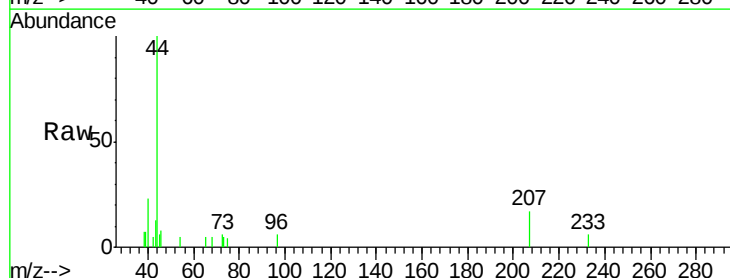
Ion Ratio Lower Upper

43 100

70 0.0 29.2 43.8#

55 0.0 15.8 23.6#

61 0.0 21.3 31.9#



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

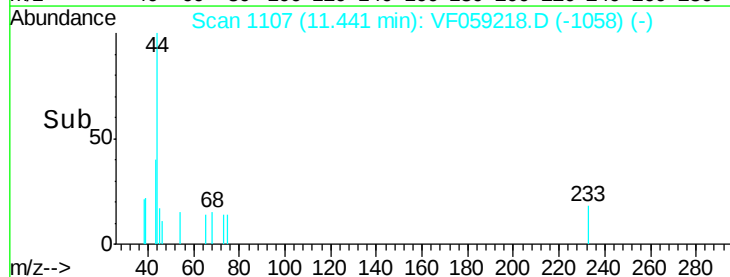
300

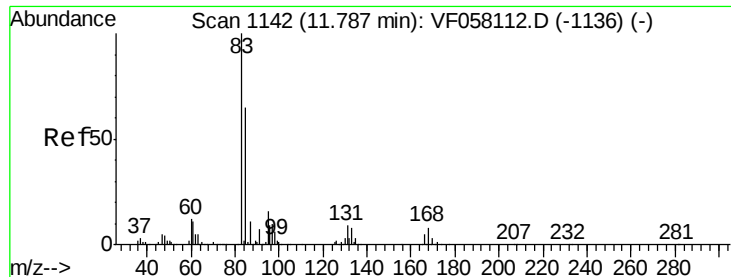
200

100

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.86 ug/l

RT: 11.91 min Scan# 1155

Delta R.T. 0.13 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

TP-10

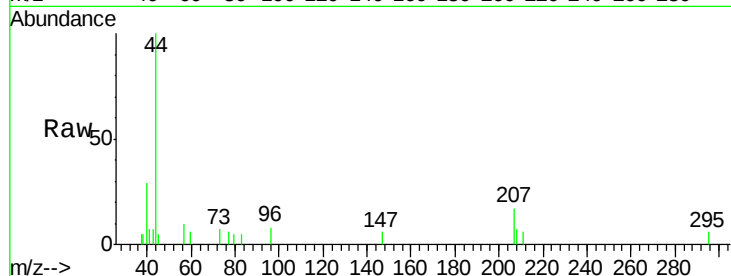
Tot Ion: 83 Resp: 61

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.7#

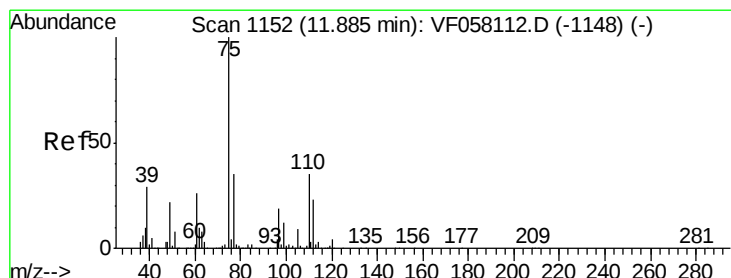
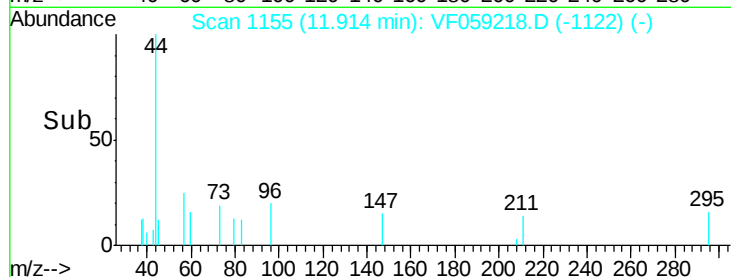
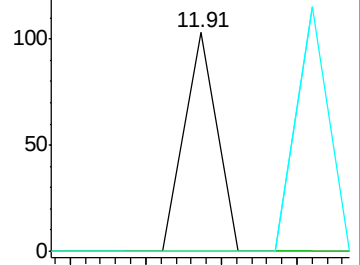
85 0.0 32.8 98.3#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 95.64 ug/l

RT: 11.88 min Scan# 1151

Delta R.T. -0.01 min

Lab File: VF059218.D

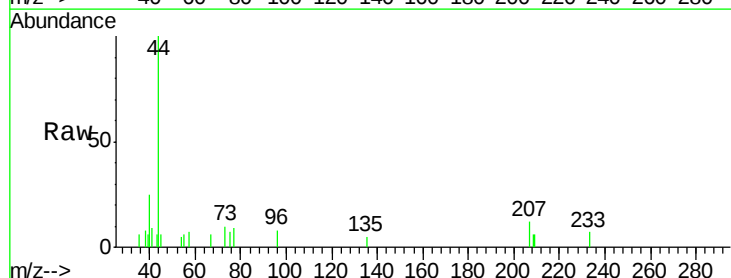
Acq: 20 Jun 2018 6:45

Tgt Ion: 75 Resp: 80

Ion Ratio Lower Upper

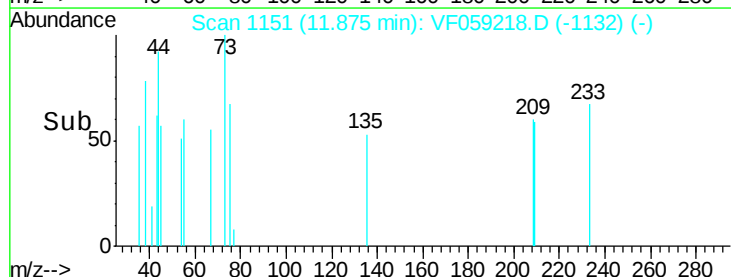
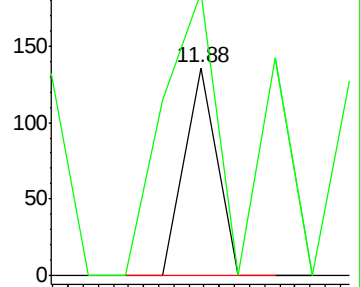
75 100

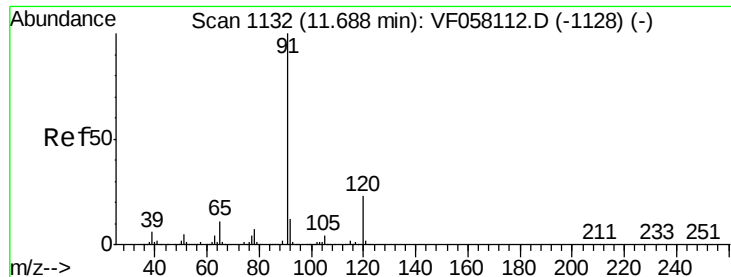
77 136.0 17.5 52.5#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0

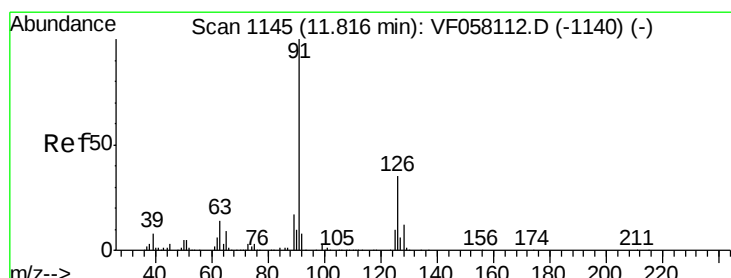
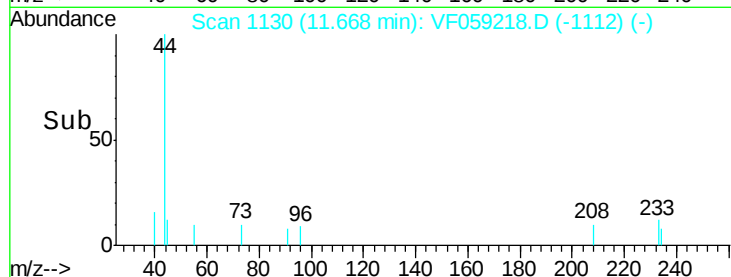
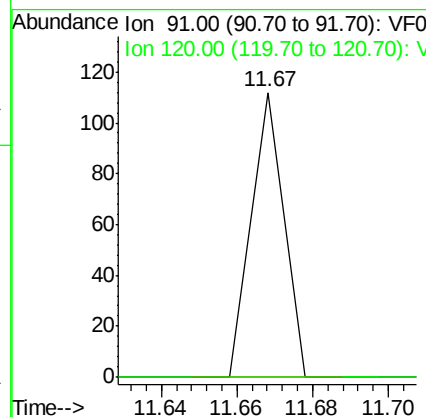
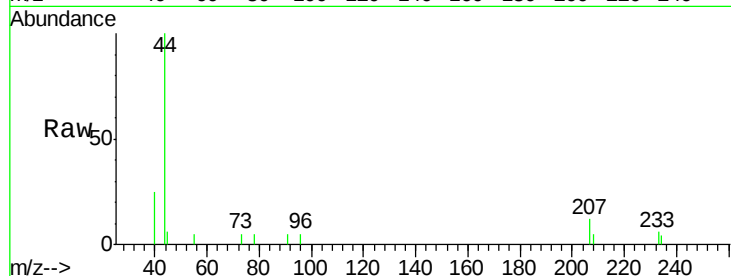




#78
n-propylbenzene
Concen: 11.67 ug/l
RT: 11.67 min Scan# 1130
Delta R.T. -0.02 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

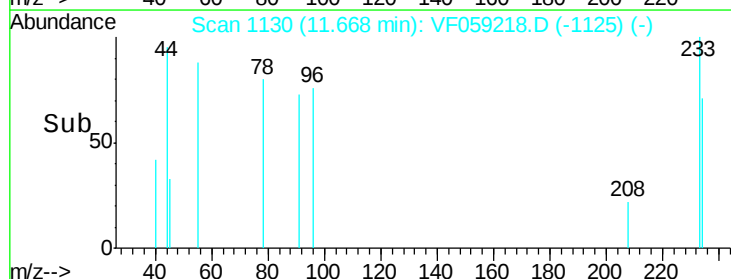
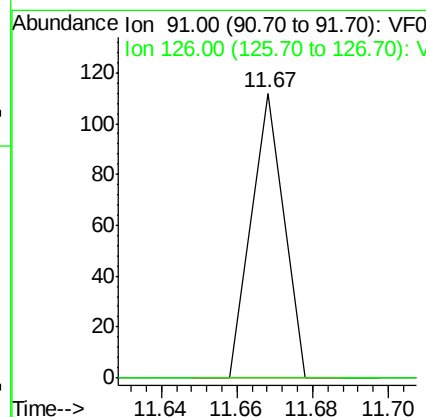
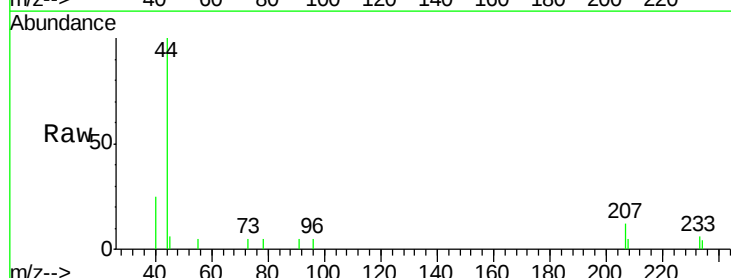
Instrument :
MSVOA_F
ClientSampled :
TP-10

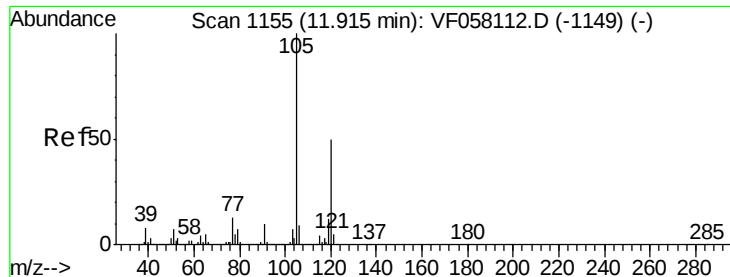
Tot Ion: 91 Resp: 66
Ion Ratio Lower Upper
91 100
120 0.0 11.5 34.5#



#79
2-Chlorotoluene
Concen: 19.76 ug/l
RT: 11.67 min Scan# 1130
Delta R.T. -0.15 min
Lab File: VF059218.D
Acq: 20 Jun 2018 6:45

Tgt Ion: 91 Resp: 66
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#





#80

1,3,5-Trimethylbenzene

Concen: 15.93 ug/l

RT: 11.97 min Scan# 1161

Delta R.T. 0.06 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

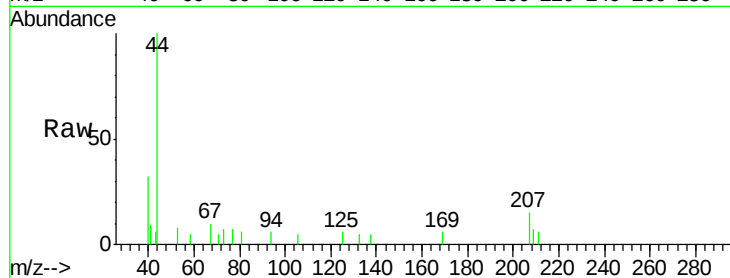
TP-10

Tot Ion:105 Resp: 63

Ion Ratio Lower Upper

105 100

120 0.0 24.9 74.6#

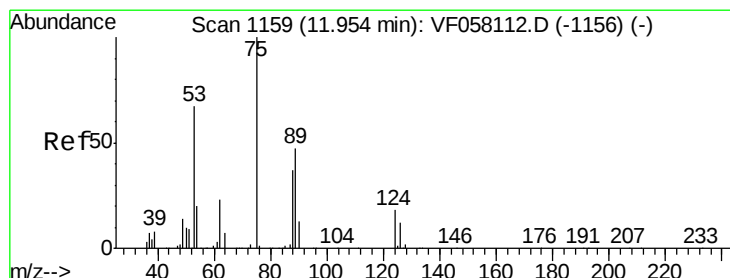
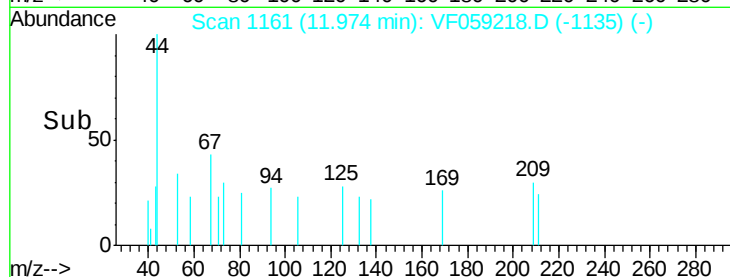


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.97

Time--> 11.94 11.96 11.98 12.00



#81

trans-1,4-Dichloro-2-butene

Concen: 147.51 ug/l

RT: 11.88 min Scan# 1151

Delta R.T. -0.08 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

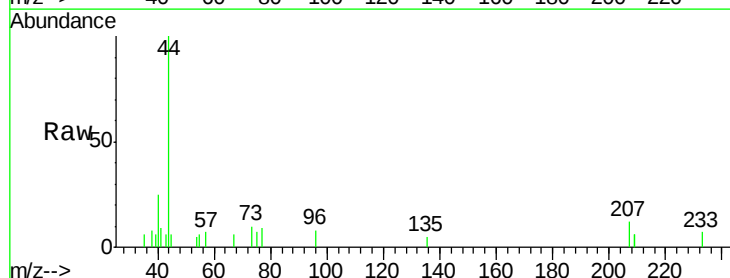
Tgt Ion: 75 Resp: 80

Ion Ratio Lower Upper

75 100

53 0.0 58.7 88.1#

89 0.0 39.8 59.6#



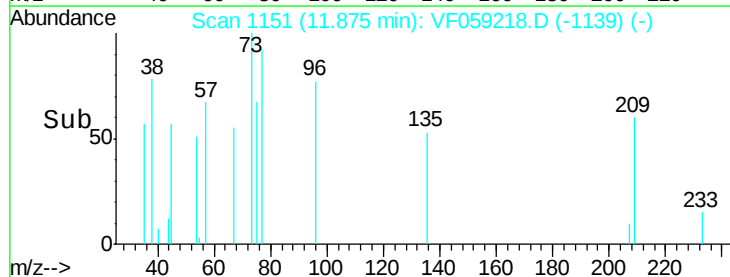
Abundance Ion 75.00 (74.70 to 75.70): VF0

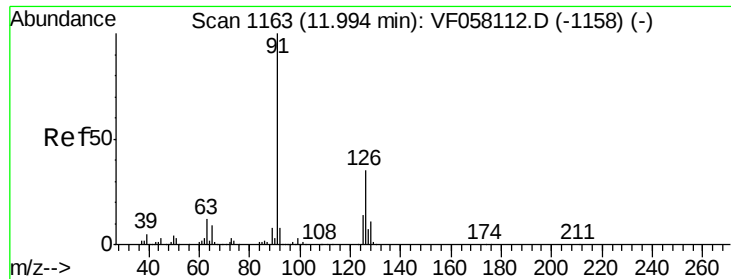
Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0

11.88

Time--> 11.84 11.86 11.88 11.90





#82

4-Chlorotoluene

Concen: 18.00 ug/l

RT: 12.09 min Scan# 1173

Delta R.T. 0.10 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

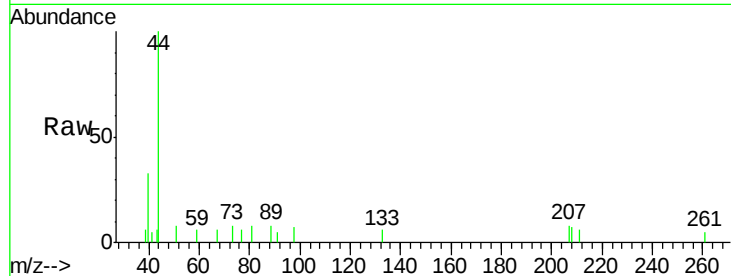
TP-10

Tot Ion: 91 Resp: 64

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.2#

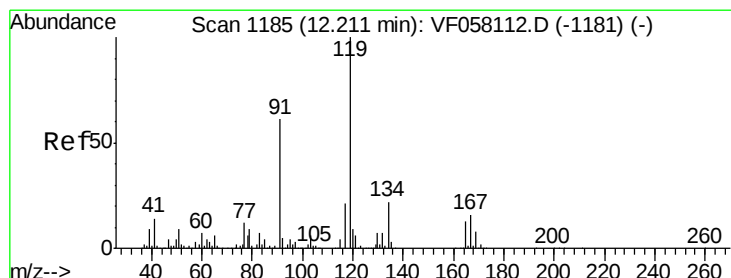
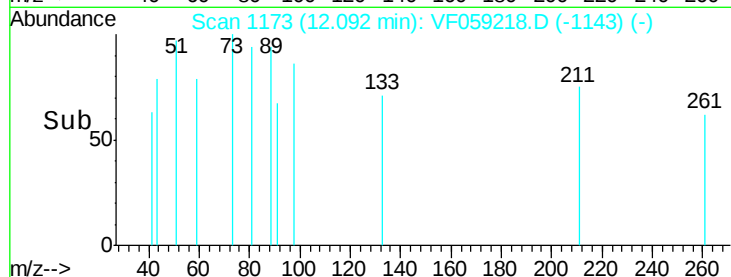


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

12.09

Time-->



#83

tert-Butylbenzene

Concen: 21.65 ug/l

RT: 12.20 min Scan# 1184

Delta R.T. -0.01 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

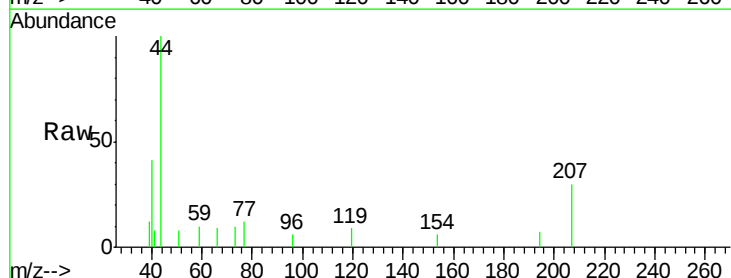
Tgt Ion: 119 Resp: 85

Ion Ratio Lower Upper

119 100

91 0.0 30.4 91.3#

134 0.0 11.2 33.5#



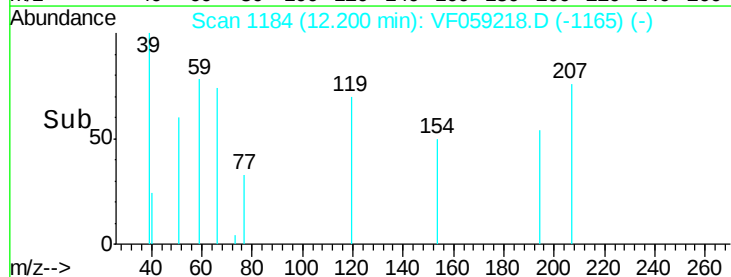
Abundance Ion 119.00 (118.70 to 119.70): V

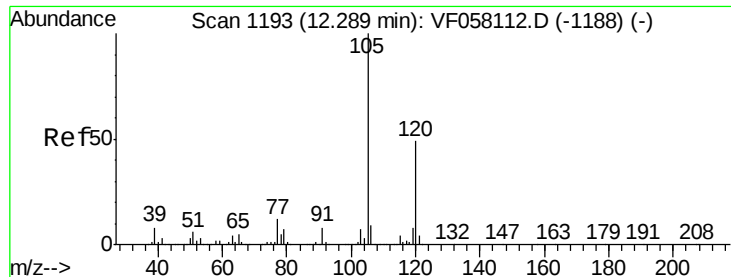
Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V

12.20

Time-->

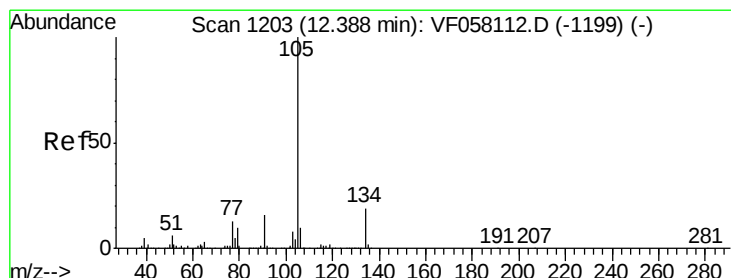
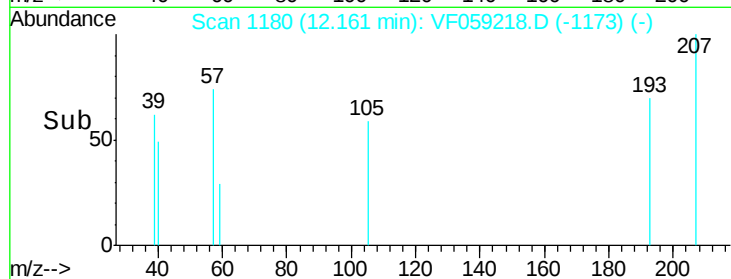
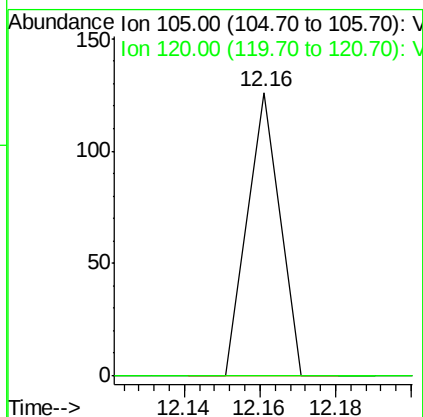
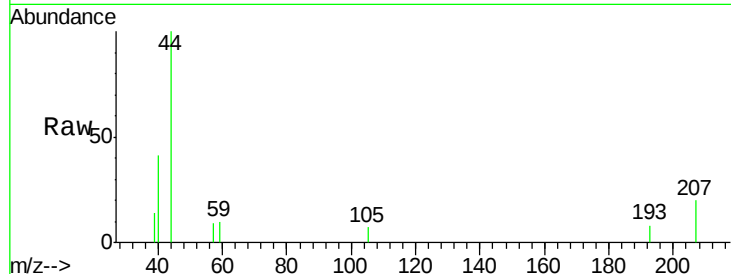




#84
 1,2,4-Trimethylbenzene
 Concen: 18.06 ug/l
 RT: 12.16 min Scan# 1180
 Delta R.T. -0.13 min
 Lab File: VF059218.D
 Acq: 20 Jun 2018 6:45

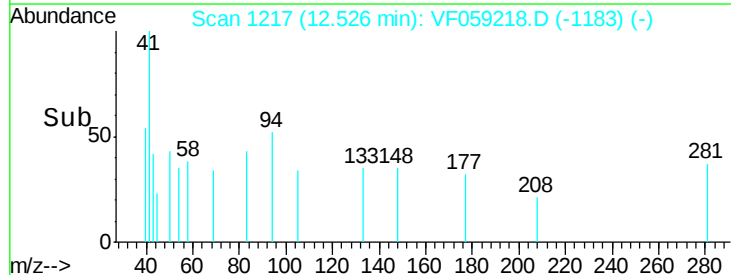
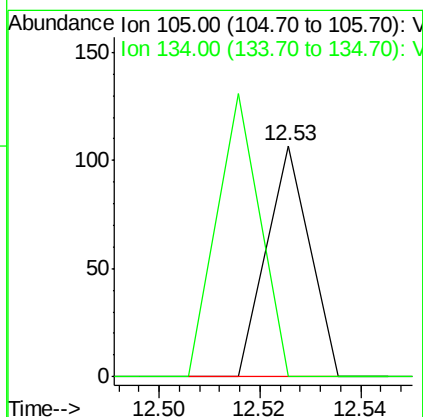
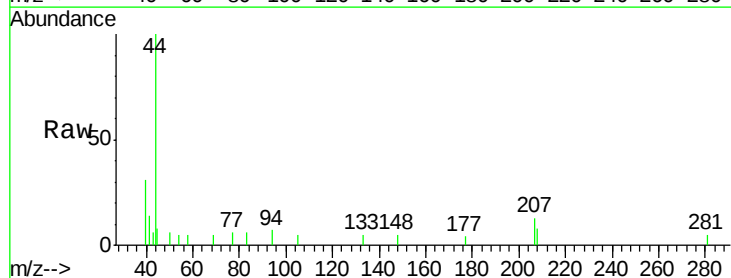
Instrument :
 MSVOA_F
 ClientSampled :
 TP-10

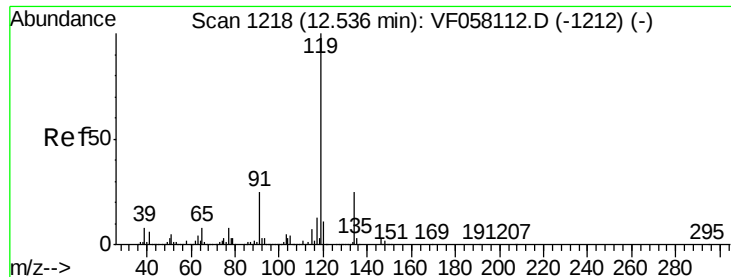
Tot Ion:105 Resp: 74
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.7 74.1#



#85
 sec-Butylbenzene
 Concen: 11.81 ug/l
 RT: 12.53 min Scan# 1217
 Delta R.T. 0.14 min
 Lab File: VF059218.D
 Acq: 20 Jun 2018 6:45

Tgt Ion:105 Resp: 63
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#





#86

p-Isopropyltoluene

Concen: 20.54 ug/l

RT: 12.65 min Scan# 1230

Delta R.T. 0.12 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampled :

TP-10

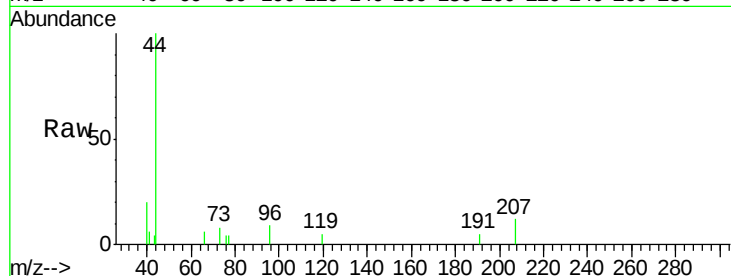
Tot Ion:119 Resp: 90

Ion Ratio Lower Upper

119 100

134 0.0 12.7 38.0#

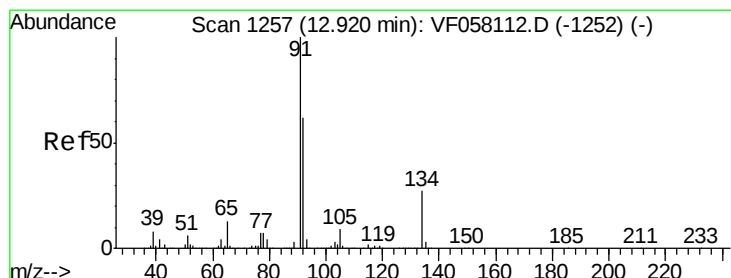
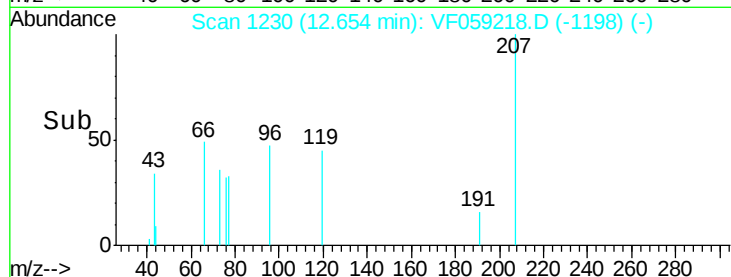
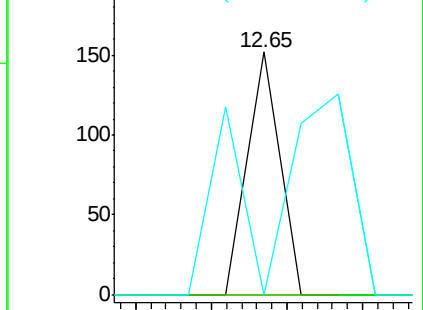
91 0.0 12.6 37.6#



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: 18.52 ug/l

RT: 12.93 min Scan# 1258

Delta R.T. 0.01 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

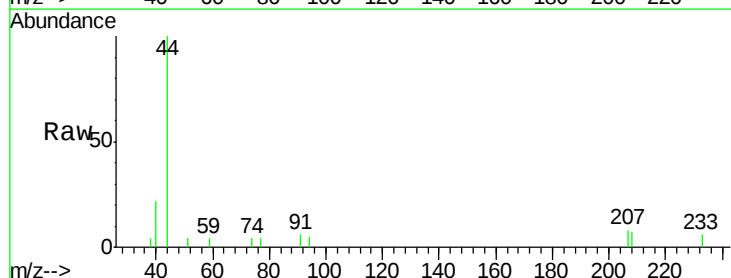
Tgt Ion: 91 Resp: 93

Ion Ratio Lower Upper

91 100

92 0.0 31.1 93.5#

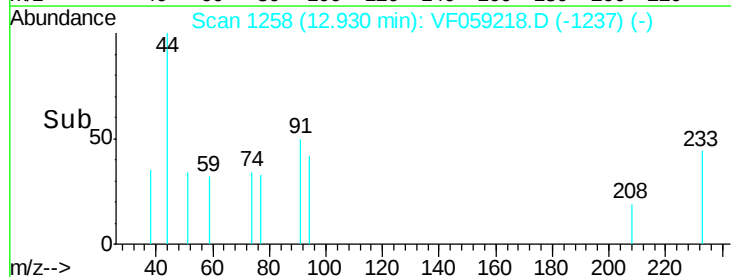
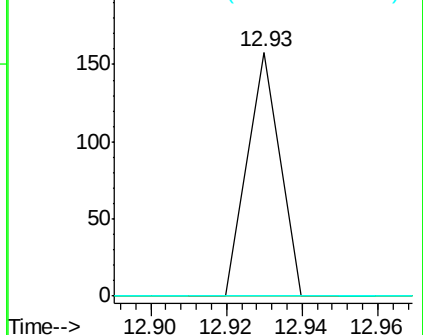
134 0.0 13.6 40.8#

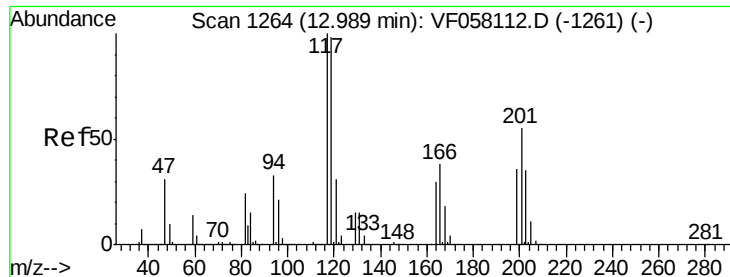


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 55.61 ug/l

RT: 13.04 min Scan# 1269

Delta R.T. 0.05 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

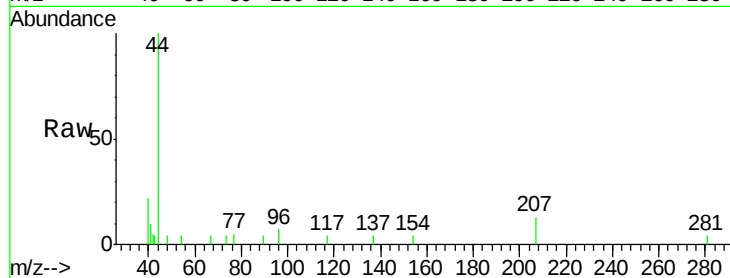
TP-10

Tot Ion:117 Resp: 60

Ion Ratio Lower Upper

117 100

201 0.0 27.5 82.4#

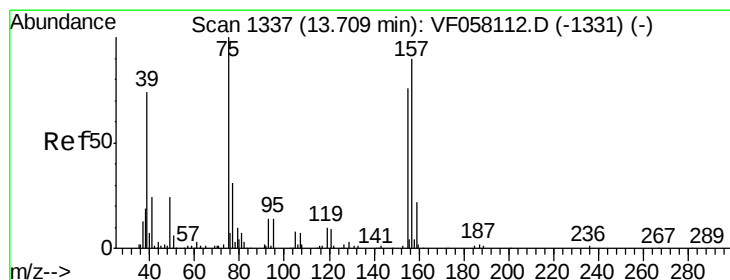
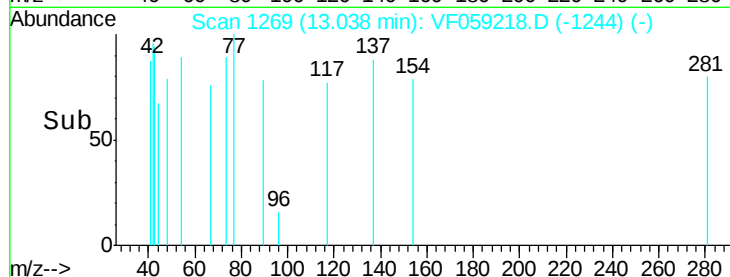


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

13.04

Time--> 13.00 13.02 13.04 13.06



#92

1,2-Dibromo-3-Chloropropane

Concen: 319.59 ug/l

RT: 13.71 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

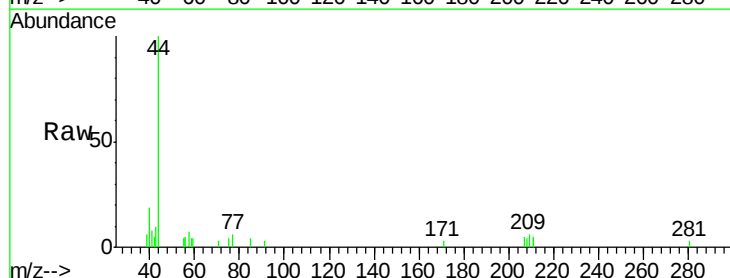
Tgt Ion: 75 Resp: 71

Ion Ratio Lower Upper

75 100

155 0.0 38.0 114.0#

157 0.0 45.1 135.5#



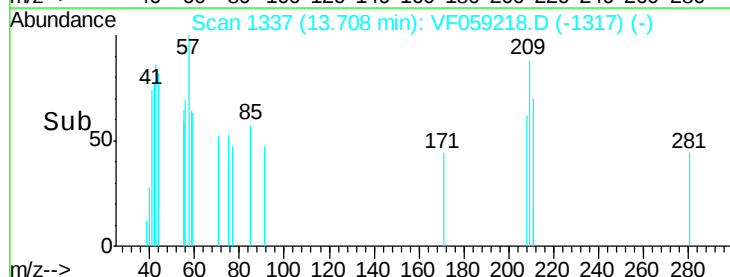
Abundance Ion 75.00 (74.70 to 75.70): VF0

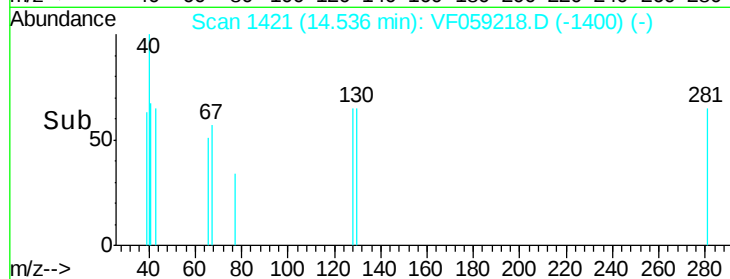
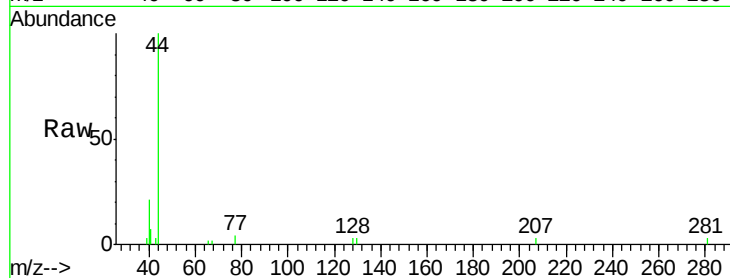
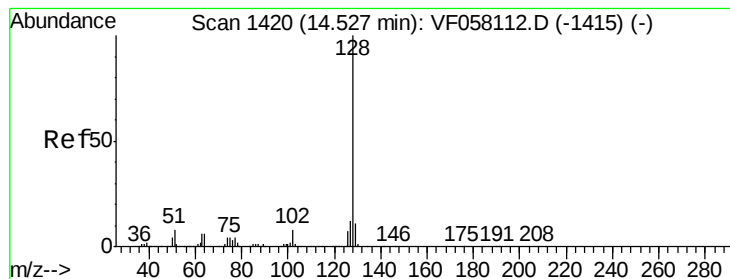
Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

13.71

Time--> 13.70 13.72





#95

Naphthalene

Concen: 23.79 ug/l

RT: 14.54 min Scan# 1421

Delta R.T. 0.01 min

Lab File: VF059218.D

Acq: 20 Jun 2018 6:45

Instrument :

MSVOA_F

ClientSampleId :

TP-10

Tot Ion:128 Resp: 76

Ion Ratio Lower Upper

128 100

127 0.0 9.9 14.9#

129 0.0 8.7 13.1#

