

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059251.D
 Acq On : 21 Jun 2018 4:51
 Operator : VA/AP
 Sample : J3570-01
 Misc : 5.07µ/5mL/MSVOA-F/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 21 08:04:02 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	5.04	168	5166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	7150	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	3564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	1402	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	1423	22.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.42%	
35) Dibromofluoromethane	4.28	113	1704	33.96	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	67.92%	
50) Toluene-d8	7.71	98	5721	38.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.64%	
62) 4-Bromofluorobenzene	11.51	95	1775	23.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.01	85	83	1.420	ug/l #	42
3) Chloromethane	1.08	50	98	2.164	ug/l #	41
5) Bromomethane	1.32	94	63	2.646	ug/l #	69
6) Chloroethane	1.50	64	64	3.775	ug/l #	44
8) Diethyl Ether	1.73	74	61	3.817	ug/l #	1
11) Tert butyl alcohol	2.66	59	74	18.434	ug/l #	71
12) 1,1-Dichloroethene	1.93	96	96	2.820	ug/l #	1
14) Allyl chloride	2.19	41	269	4.026	ug/l #	65
15) Acrylonitrile	3.08	53	161	20.193	ug/l #	60
16) Acetone	2.33	43	667	44.589	ug/l #	59
17) Carbon Disulfide	1.85	76	8123	84.994	ug/l	99
18) Methyl Acetate	2.45	43	64	2.489	ug/l #	66
20) Methylene Chloride	2.41	84	76	2.122	ug/l #	1
21) trans-1,2-Dichloroethene	2.39	96	76	2.036	ug/l #	1
23) Vinyl Acetate	3.32	43	190	2.194	ug/l #	78
25) 2-Butanone	4.50	43	651	28.071	ug/l #	56
26) 2,2-Dichloropropane	3.79	77	114	1.974	ug/l #	65
27) cis-1,2-Dichloroethene	3.55	96	88	1.532	ug/l	1
28) Bromochloromethane	3.84	49	67	1.870	ug/l #	2
29) Tetrahydrofuran	4.26	42	157	15.364	ug/l #	36
31) Cyclohexane	3.86	56	72	1.035	ug/l #	15
37) Ethyl Acetate	4.27	43	148	3.456	ug/l #	17
38) Carbon Tetrachloride	4.24	117	95	1.265	ug/l #	13
39) Methylcyclohexane	5.62	83	177	2.506	ug/l #	13
41) Methacrylonitrile	4.92	41	86	4.088	ug/l #	36
42) 1,2-Dichloroethane	5.08	62	79	1.095	ug/l	82
43) Isopropyl Acetate	7.11	43	685	11.944	ug/l #	44
45) 1,2-Dichloropropane	6.40	63	86	1.854	ug/l #	44
48) Methyl methacrylate	6.87	41	301	8.514	ug/l #	15
49) 1,4-Dioxane	6.60	88	63	234.991	ug/l #	16
51) 4-Methyl-2-Pentanone	8.40	43	900	22.896	ug/l #	82
53) t-1,3-Dichloropropene	8.43	75	118	1.535	ug/l #	59
55) 1,1,2-Trichloroethane	8.64	97	73	1.739	ug/l #	16
56) Ethyl methacrylate	8.77	69	813	15.362	ug/l #	56

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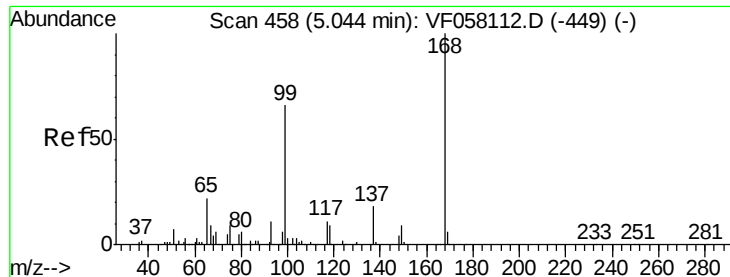
Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Jun 21 08:04:02 2018
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 Response via : Initial Calibration

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

58) 2-Chloroethyl Vinyl ether	7.89	63	78	20.612	ug/l	100
59) 2-Hexanone	9.62	43	2485	79.924	ug/l	94
60) Dibromochloromethane	8.72	129	77	1.276	ug/l #	12
61) 1,2-Dibromoethane	9.12	107	64	1.312	ug/l #	2
66) 1,1,1,2-Tetrachloroethane	10.09	131	69	2.458	ug/l #	7
67) Ethyl Benzene	10.04	91	193	1.574	ug/l #	44
70) Styrene	10.89	104	777	10.349	ug/l #	30
71) Bromoform	10.87	173	83	4.353	ug/l #	35
73) Isopropylbenzene	11.29	105	102	1.051	ug/l #	50
74) N-amyl acetate	11.46	43	749	21.601	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.81	83	186	8.082	ug/l #	24
76) 1,2,3-Trichloropropane	11.87	75	222	13.062	ug/l #	40
77) Bromobenzene	11.59	156	92	3.766	ug/l #	55
78) n-propylbenzene	11.68	91	249	2.167	ug/l #	53
79) 2-Chlorotoluene	11.81	91	262	3.860	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.92	105	83	1.033	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.94	75	62	5.626	ug/l #	4
82) 4-Chlorotoluene	11.99	91	774	10.712	ug/l #	40
83) tert-Butylbenzene	12.21	119	163	2.043	ug/l #	29
84) 1,2,4-Trimethylbenzene	12.28	105	302	3.628	ug/l #	28
86) p-Isopropyltoluene	12.54	119	147	1.651	ug/l #	50
87) 1,3-Dichlorobenzene	12.56	146	65	1.441	ug/l #	1
88) 1,4-Dichlorobenzene	12.65	146	184	4.233	ug/l #	24
89) n-Butylbenzene	12.92	91	587	4.946	ug/l #	78
90) Hexachloroethane	12.86	117	69	3.147	ug/l #	24
91) 1,2-Dichlorobenzene	13.02	146	279	6.421	ug/l #	75
92) 1,2-Dibromo-3-Chloropropan	13.73	75	85	18.830	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.28	180	77	2.534	ug/l #	11
95) Naphthalene	14.52	128	527	8.119	ug/l #	70
96) 1,2,3-Trichlorobenzene	14.67	180	200	7.122	ug/l #	68

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

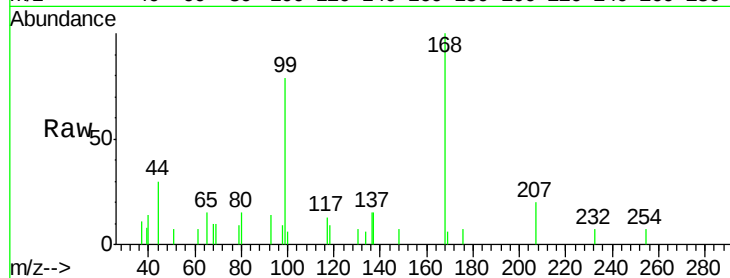
ClientSampleId :

Tot Ion:168 Resp: 5166

Ion Ratio Lower Upper

168 100

99 85.5 52.9 79.3#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

1500

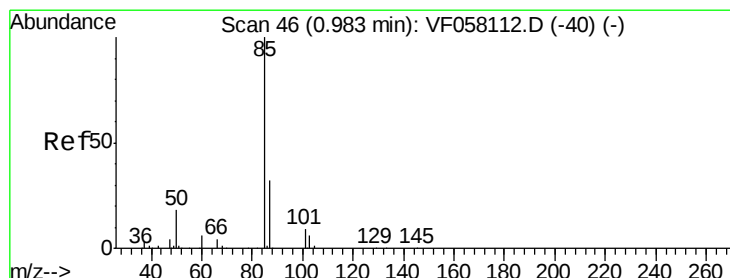
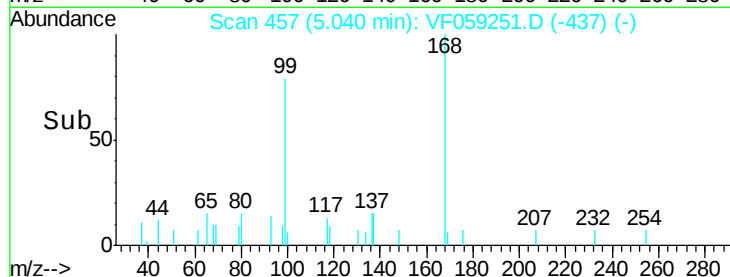
1000

500

0

4.95 5.00 5.05 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 1.420 ug/l

RT: 1.01 min Scan# 48

Delta R.T. 0.03 min

Lab File: VF059251.D

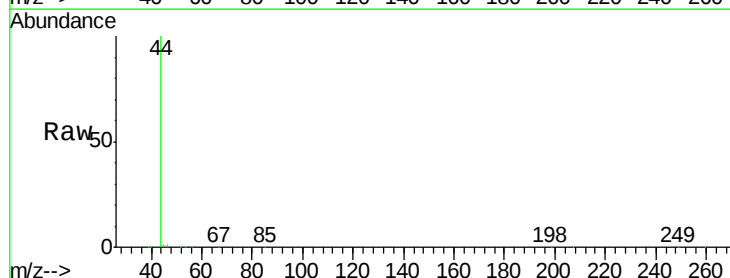
Acq: 21 Jun 2018 4:51

Tgt Ion: 85 Resp: 83

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

1.01

150

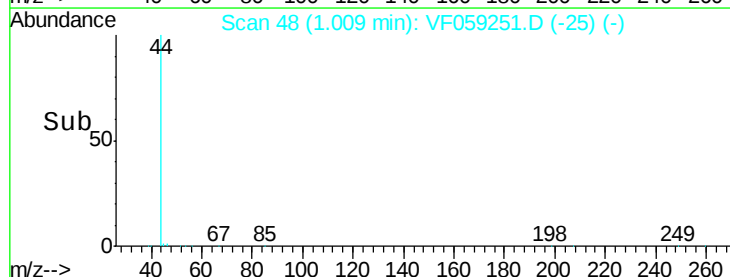
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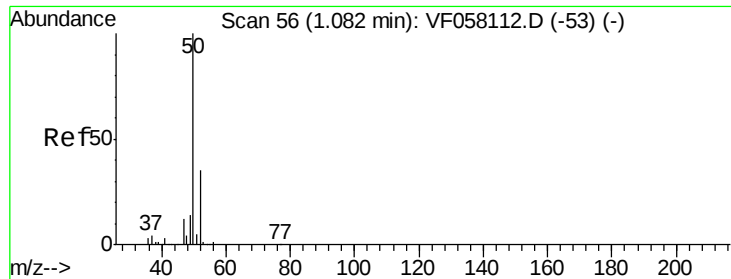
50

0

0.98 1.00 1.02 1.04

Time-->





#3

Chloromethane

Concen: 2.164 ug/l

RT: 1.08 min Scan# 55

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

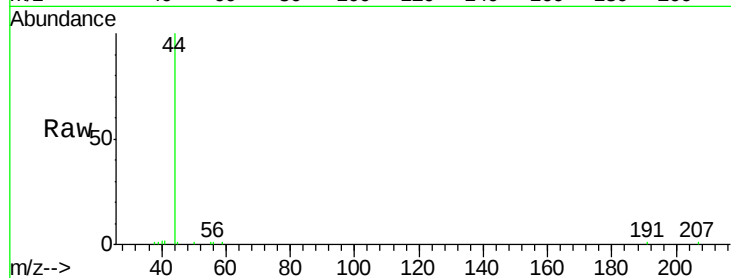
ClientSampleId :

Tot Ion: 50 Resp: 98

Ion Ratio Lower Upper

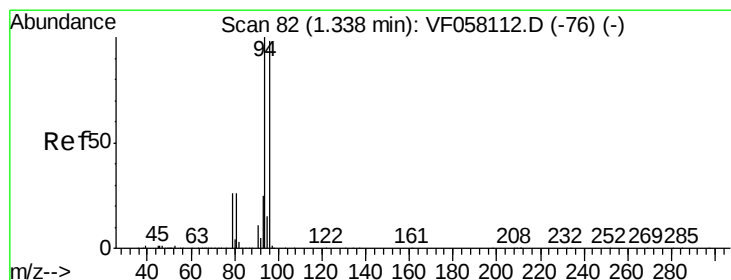
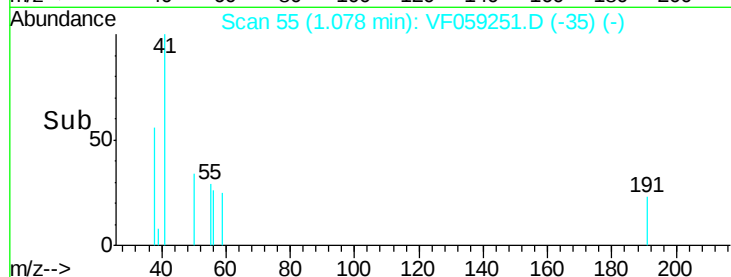
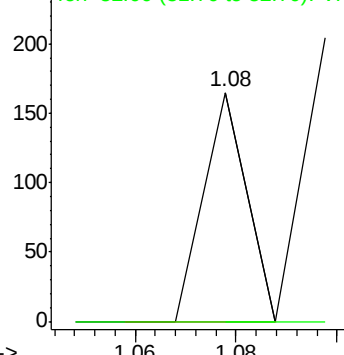
50 100

52 0.0 27.3 40.9#



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#5

Bromomethane

Concen: 2.646 ug/l

RT: 1.32 min Scan# 80

Delta R.T. -0.01 min

Lab File: VF059251.D

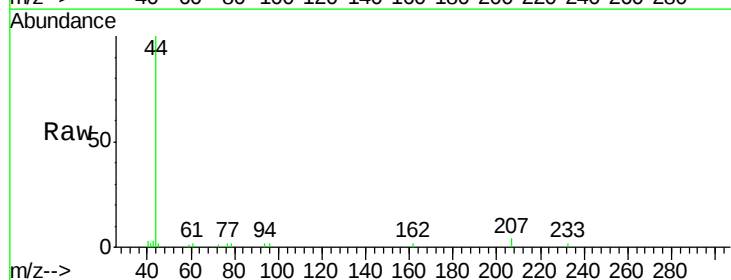
Acq: 21 Jun 2018 4:51

Tgt Ion: 94 Resp: 63

Ion Ratio Lower Upper

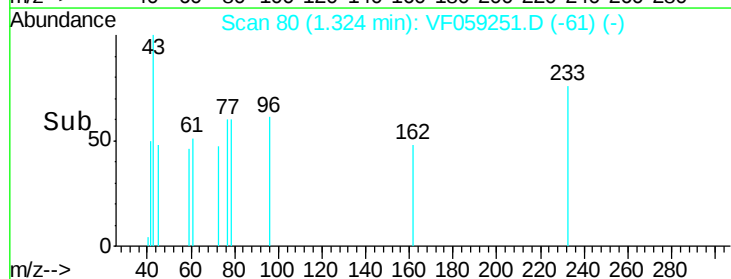
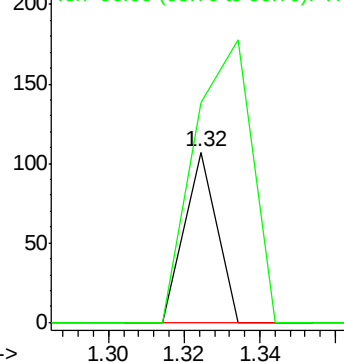
94 100

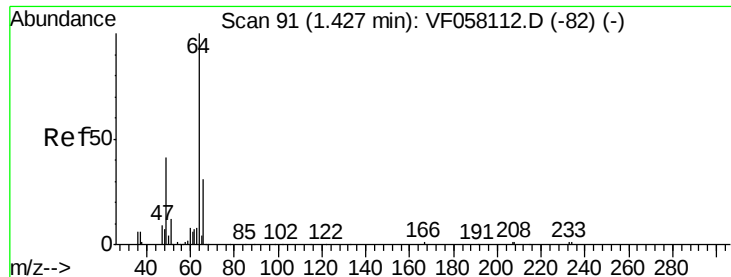
96 129.0 78.6 117.8#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0





#6

Chloroethane

Concen: 3.775 ug/l

RT: 1.50 min Scan# 98

Delta R.T. 0.07 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

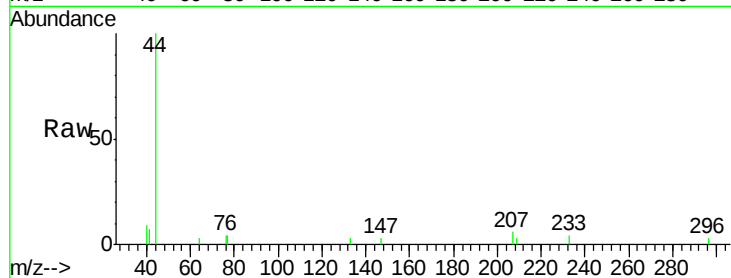
ClientSampleId :

Tot Ion: 64 Resp: 64

Ion Ratio Lower Upper

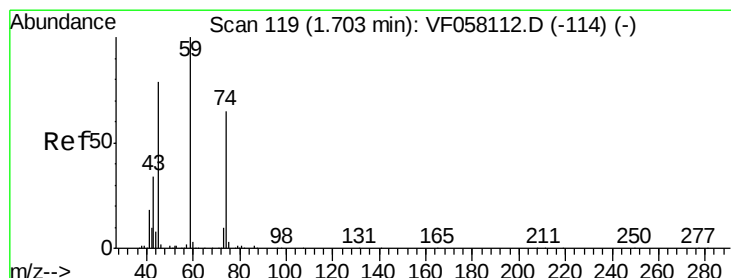
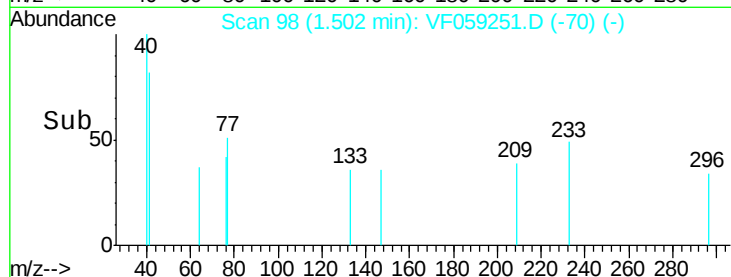
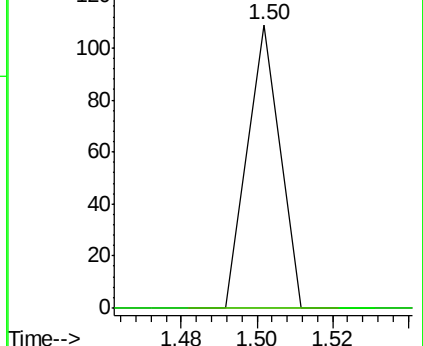
64 100

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



#8

Diethyl Ether

Concen: 3.817 ug/l

RT: 1.73 min Scan# 121

Delta R.T. 0.03 min

Lab File: VF059251.D

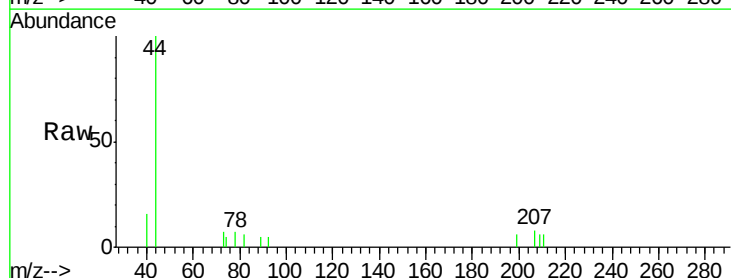
Acq: 21 Jun 2018 4:51

Tgt Ion: 74 Resp: 61

Ion Ratio Lower Upper

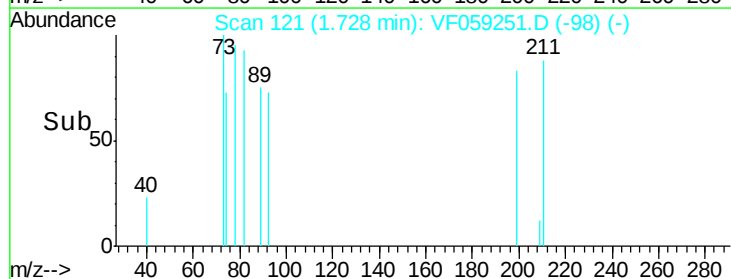
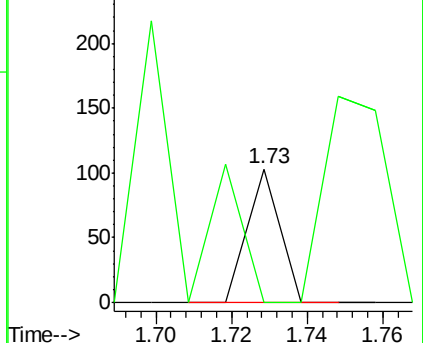
74 100

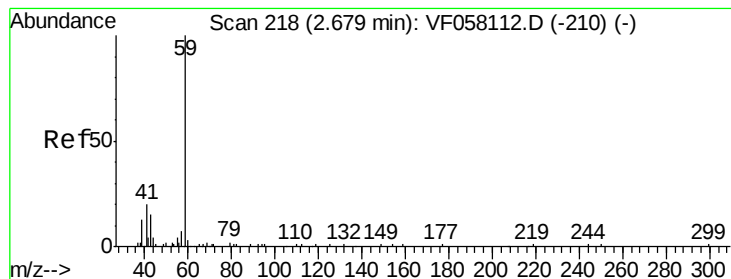
45 0.0 61.5 184.4#



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0



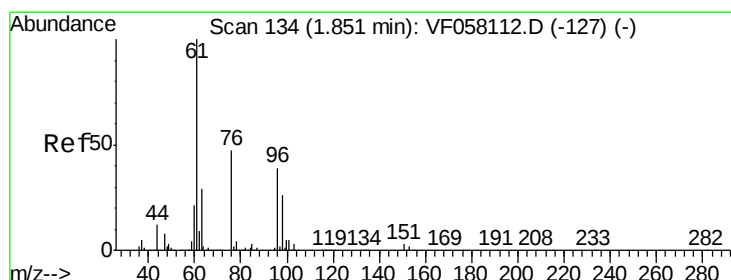
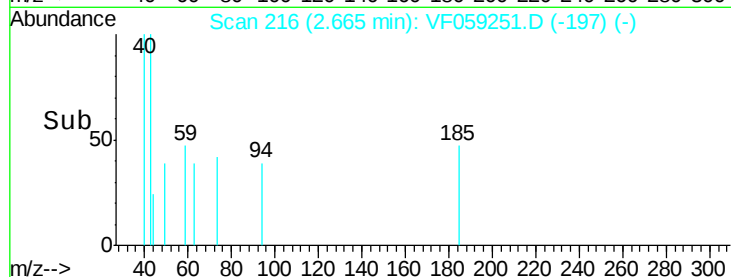
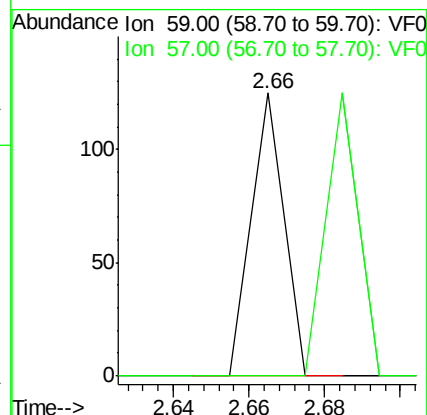
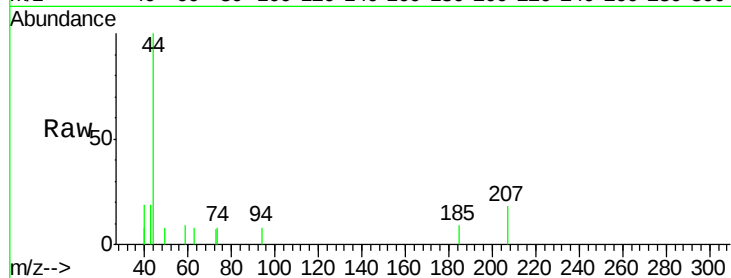


#11

Tert butyl alcohol
Concen: 18.434 ug/l
RT: 2.66 min Scan# 216
Delta R.T. -0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Instrument :
MSVOA_F
ClientSampled :

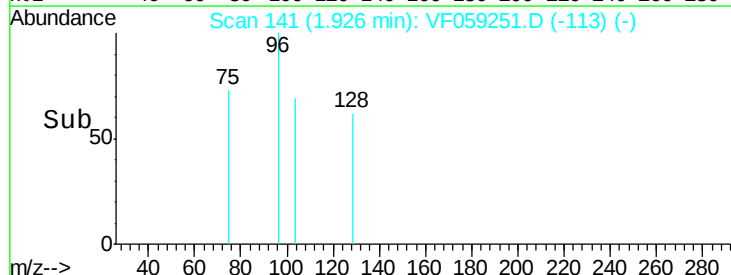
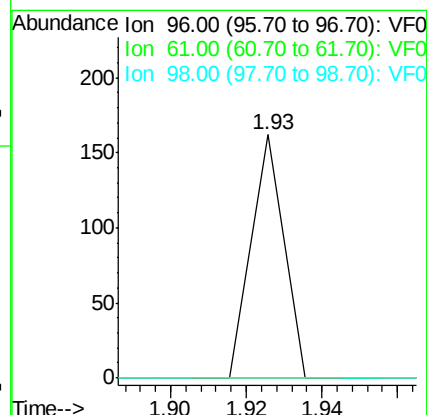
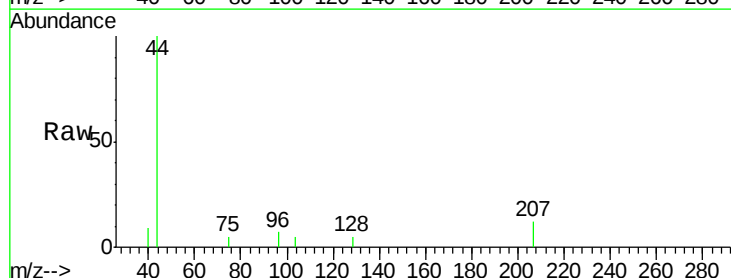
Tot Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

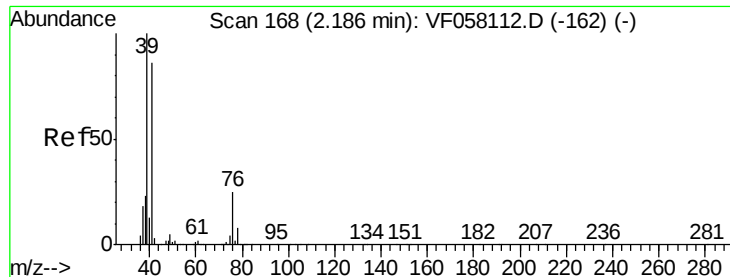


#12

1,1-Dichloroethene
Concen: 2.820 ug/l
RT: 1.93 min Scan# 141
Delta R.T. 0.07 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion: 96 Resp: 96
Ion Ratio Lower Upper
96 100
61 0.0 203.0 304.4#
98 0.0 52.7 79.1#





#14

Allvl chloride

Concen: 4.026 ug/l

RT: 2.19 min Scan# 168

Delta R.T. 0.01 min

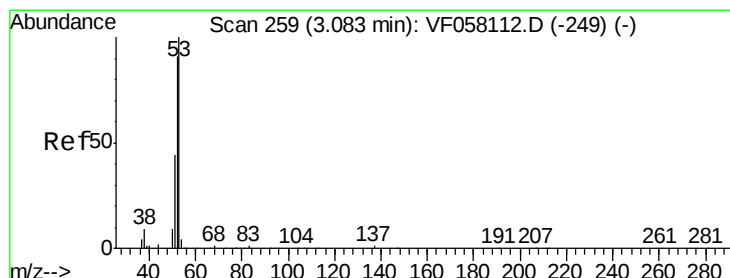
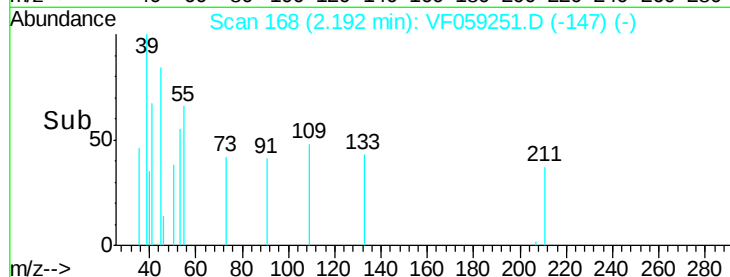
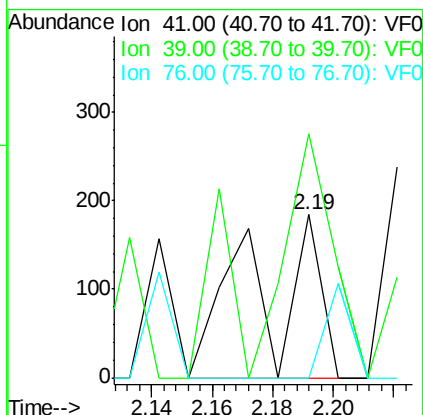
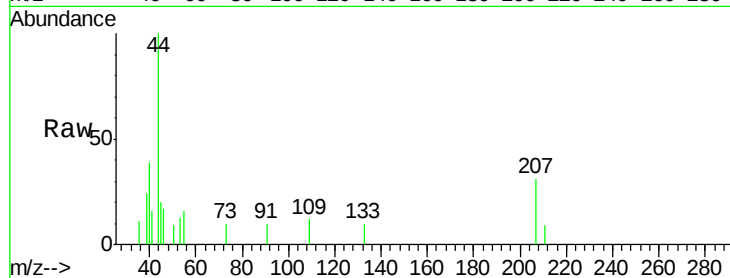
Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 41 Resp: 269

Ion	Ratio	Lower	Upper
41	100		
39	150.0	93.5	140.3#
76	0.0	23.9	35.9#



#15

Acrylonitrile

Concen: 20.193 ug/l

RT: 3.08 min Scan# 258

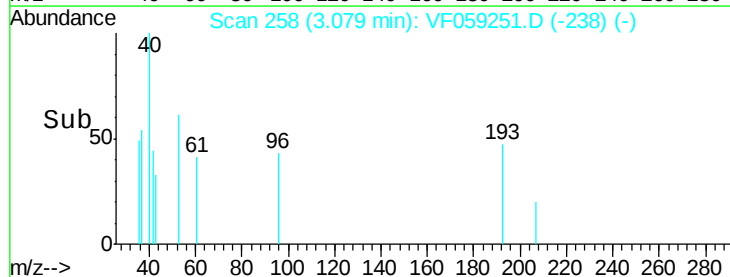
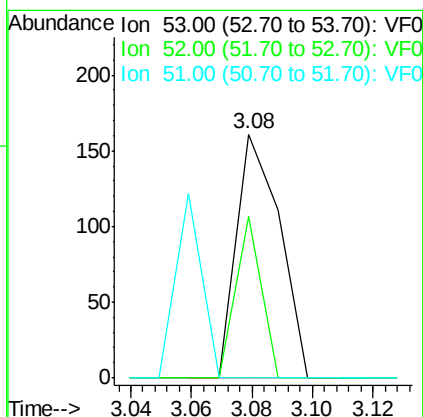
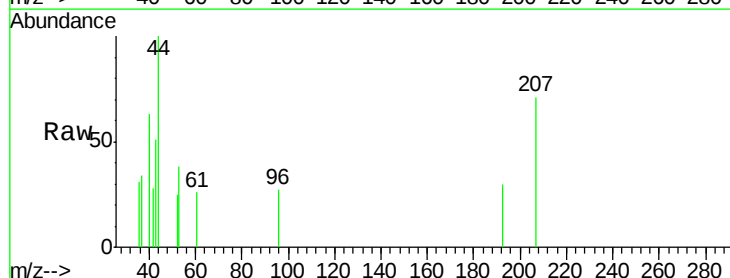
Delta R.T. -0.00 min

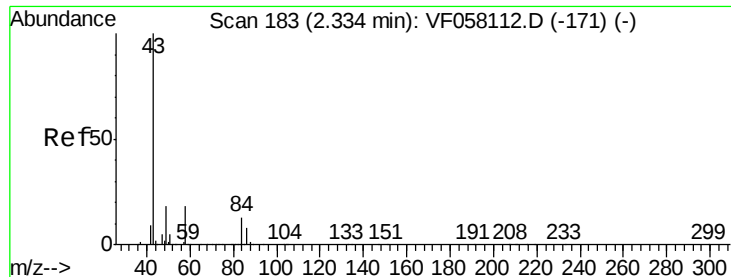
Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Tgt Ion: 53 Resp: 161

Ion	Ratio	Lower	Upper
53	100		
52	66.5	73.2	109.8#
51	0.0	35.6	53.4#





#16

Acetone

Concen: 44.589 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

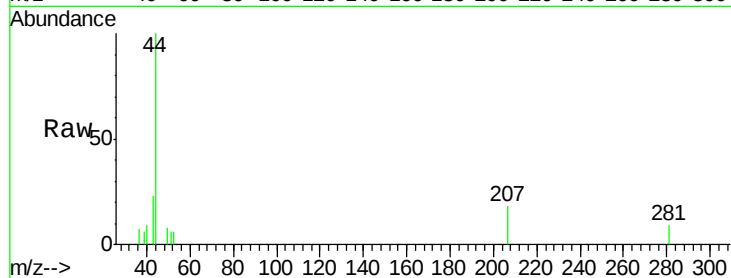
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 667

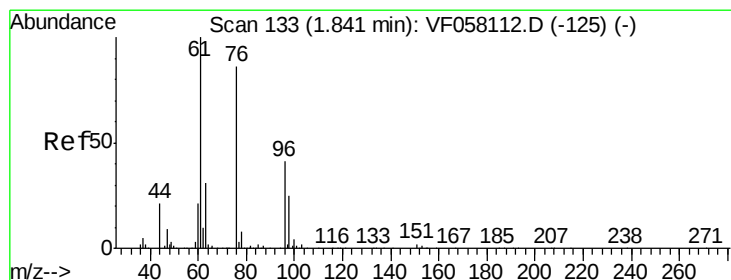
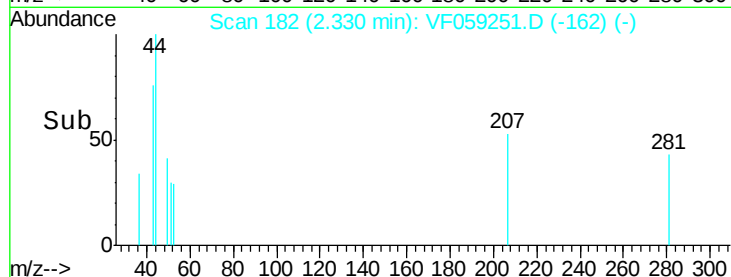
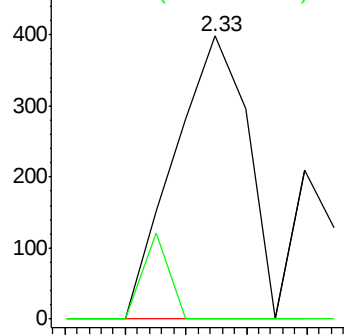
Ion Ratio Lower Upper

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



#17

Carbon Disulfide

Concen: 84.994 ug/l

RT: 1.85 min Scan# 133

Delta R.T. 0.01 min

Lab File: VF059251.D

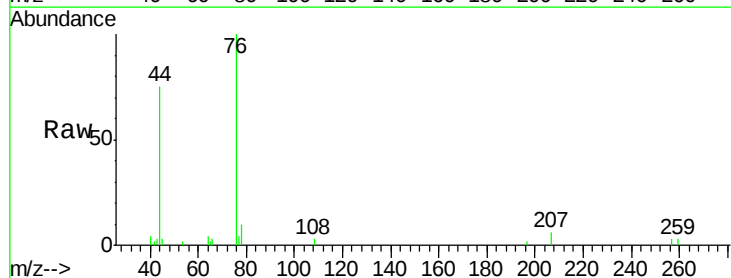
Acq: 21 Jun 2018 4:51

Tgt Ion: 76 Resp: 8123

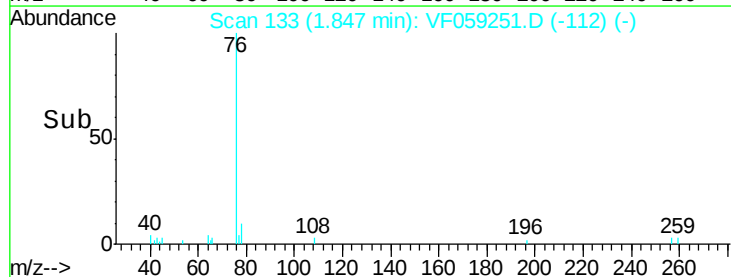
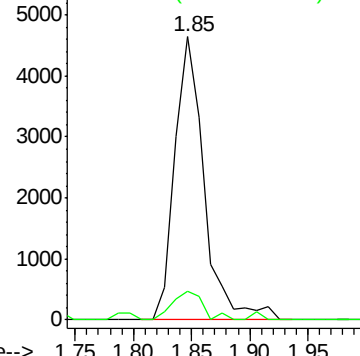
Ion Ratio Lower Upper

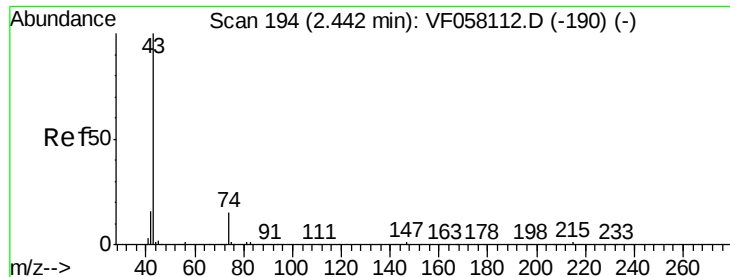
76 100

78 10.0 7.8 11.8



Abundance Ion 76.00 (75.70 to 76.70): VF0
Ion 78.00 (77.70 to 78.70): VF0

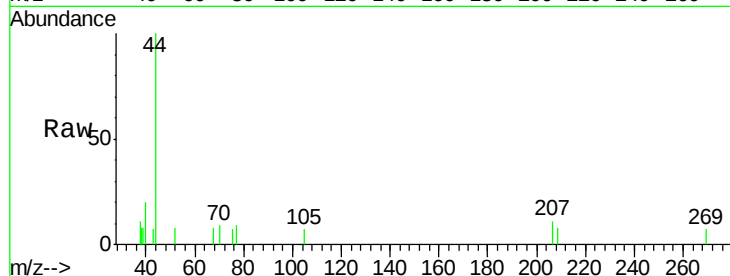




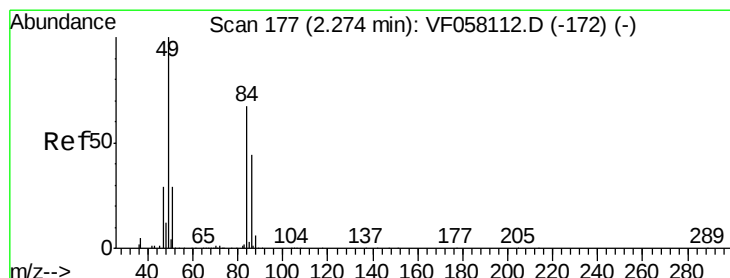
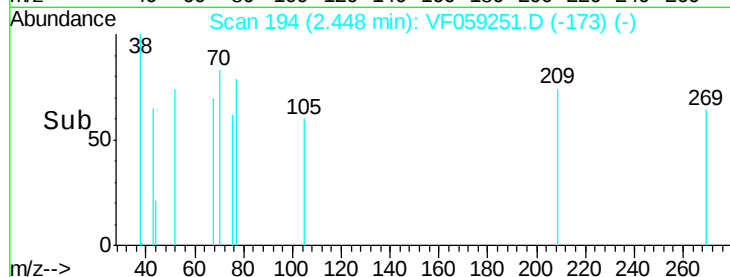
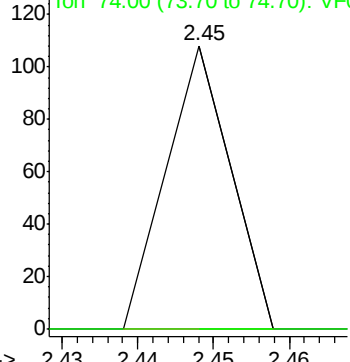
#18
Methyl Acetate
Concen: 2.489 ug/l
RT: 2.45 min Scan# 194
Delta R.T. 0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
74 0.0 10.9 16.3#

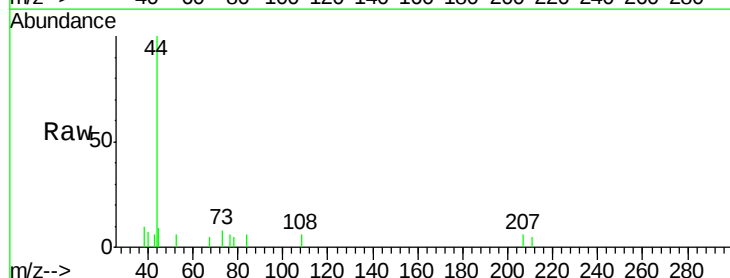


Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 74.00 (73.70 to 74.70): VF0

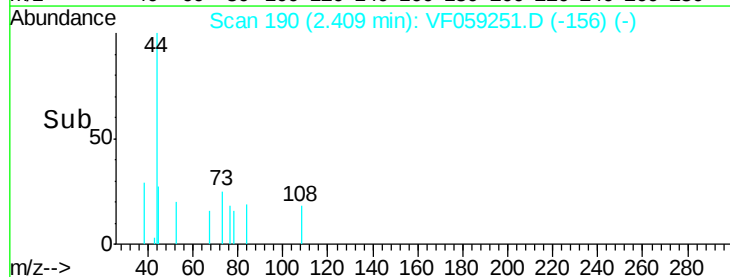
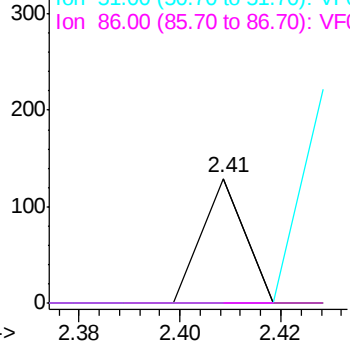


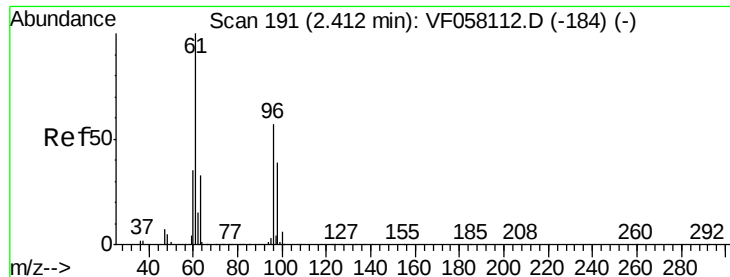
#20
Methylene Chloride
Concen: 2.122 ug/l
RT: 2.41 min Scan# 190
Delta R.T. 0.13 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion: 84 Resp: 76
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#



Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0





#21

trans-1,2-Dichloroethene

Concen: 2.036 ug/l

RT: 2.39 min Scan# 188

Delta R.T. -0.02 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

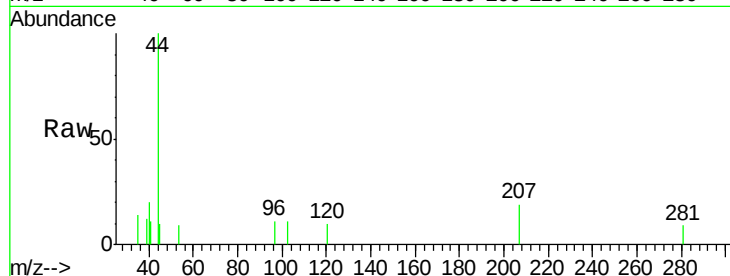
Tot Ion: 96 Resp: 76

Ion Ratio Lower Upper

96 100

61 0.0 139.4 209.2#

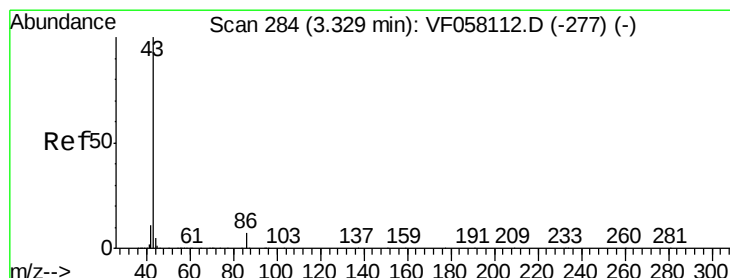
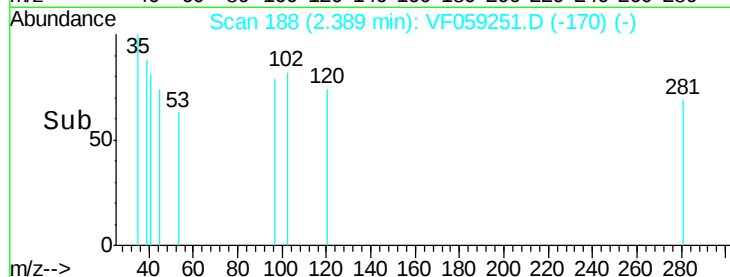
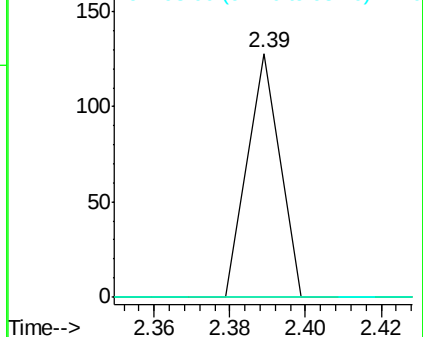
98 0.0 54.0 81.0#



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



#23

Vinyl Acetate

Concen: 2.194 ug/l

RT: 3.32 min Scan# 282

Delta R.T. -0.01 min

Lab File: VF059251.D

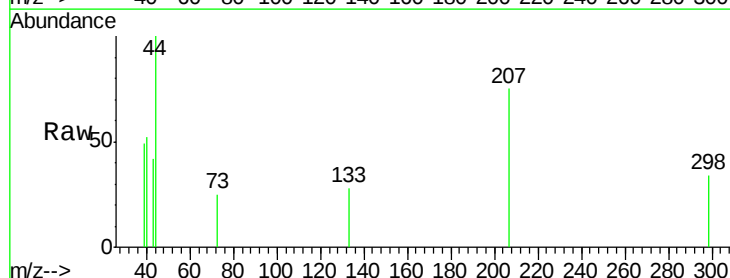
Acq: 21 Jun 2018 4:51

Tgt Ion: 43 Resp: 190

Ion Ratio Lower Upper

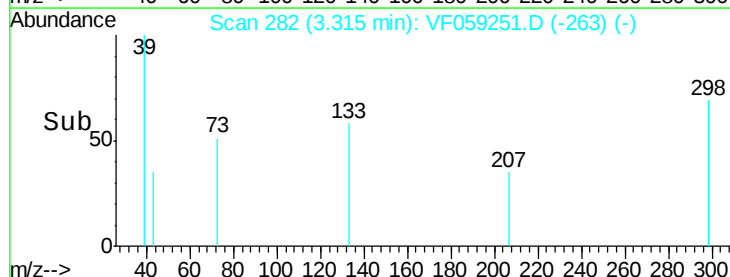
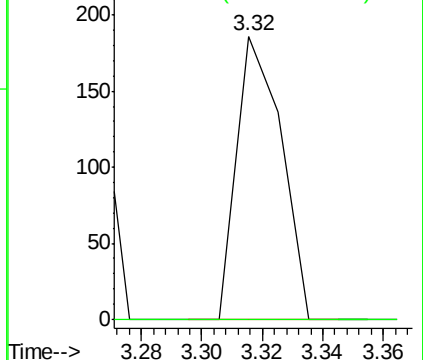
43 100

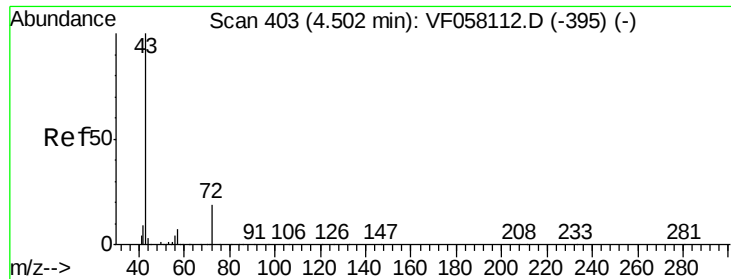
86 0.0 6.0 9.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#25

2-Butanone

Concen: 28.071 ug/l

RT: 4.50 min Scan# 402

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

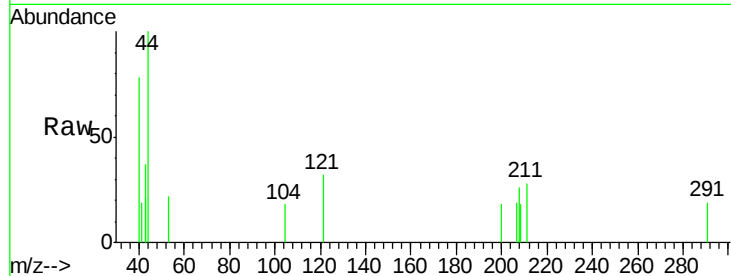
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 43 Resp: 651

Ion Ratio Lower Upper

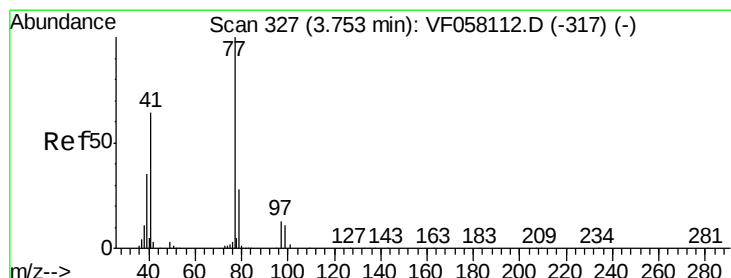
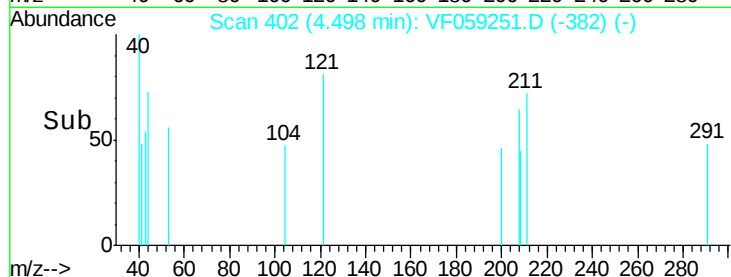
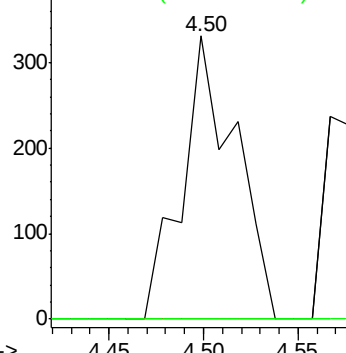
43 100

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: 1.974 ug/l

RT: 3.79 min Scan# 330

Delta R.T. 0.04 min

Lab File: VF059251.D

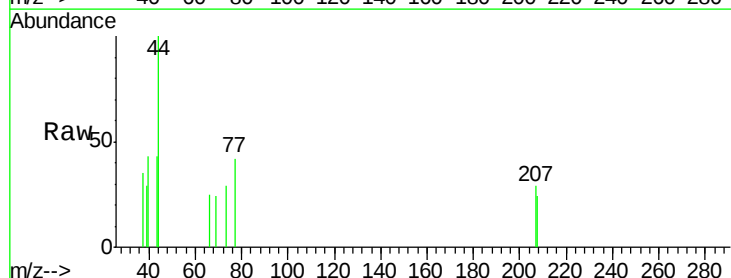
Acq: 21 Jun 2018 4:51

Tgt Ion: 77 Resp: 114

Ion Ratio Lower Upper

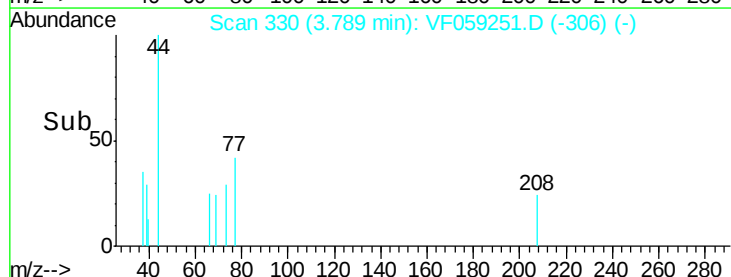
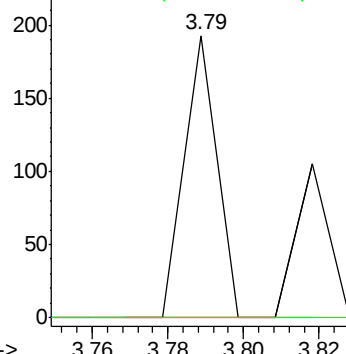
77 100

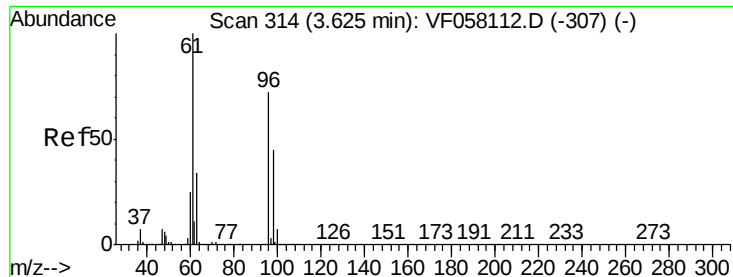
97 0.0 7.2 21.6#



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



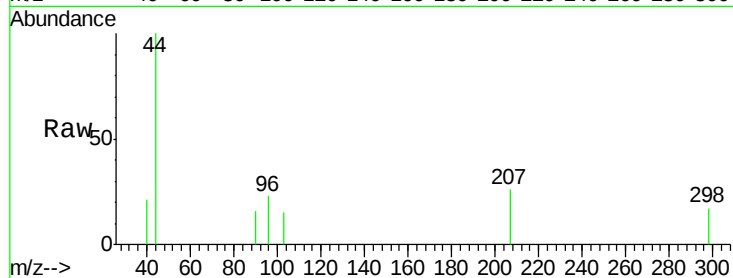


#27

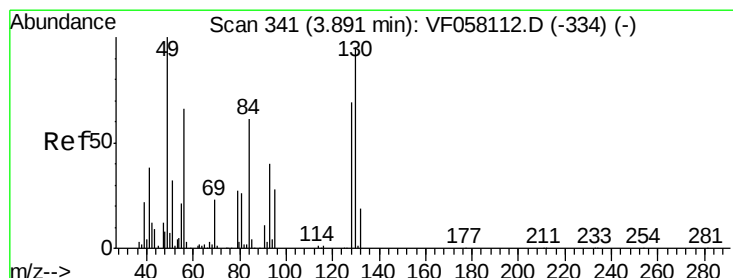
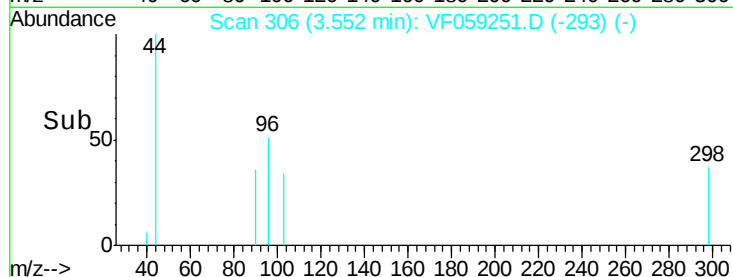
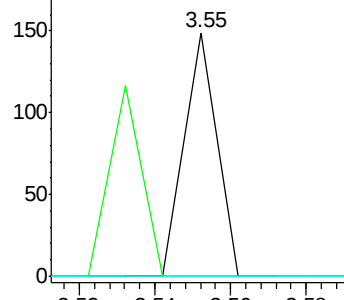
cis-1,2-Dichloroethene
Concen: 1.532 ug/l
RT: 3.55 min Scan# 306
Delta R.T. -0.07 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Instrument :
MSVOA_F
ClientSampleId :

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



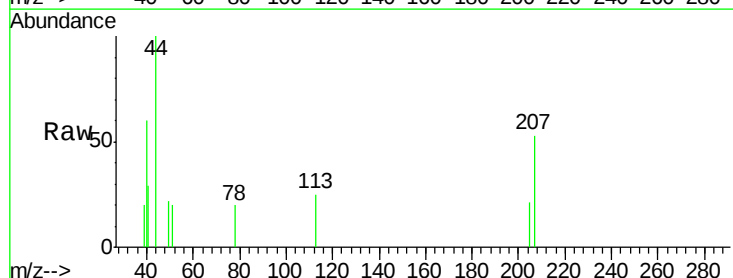
Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



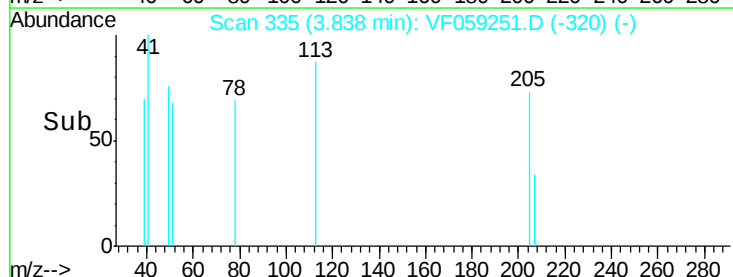
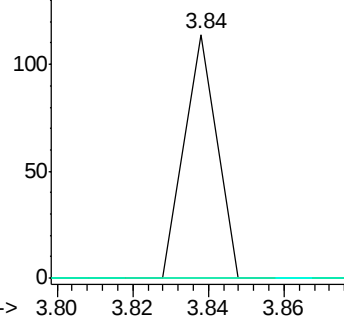
#28

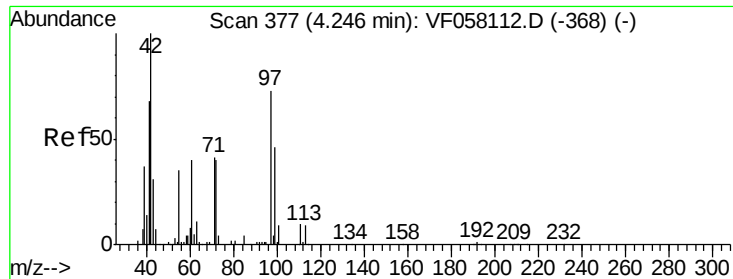
Bromochloromethane
Concen: 1.870 ug/l
RT: 3.84 min Scan# 335
Delta R.T. -0.05 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

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

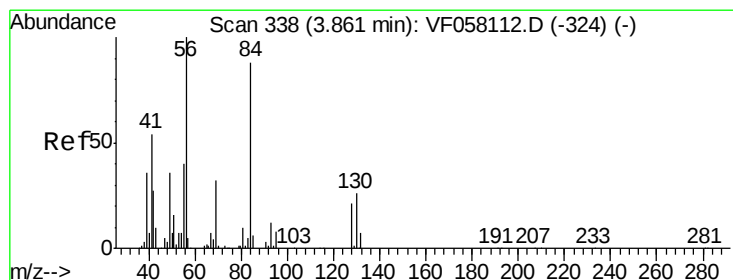
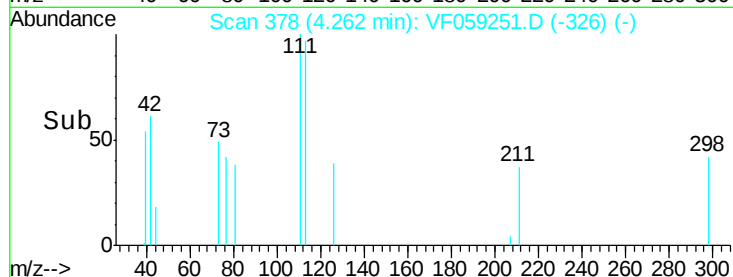
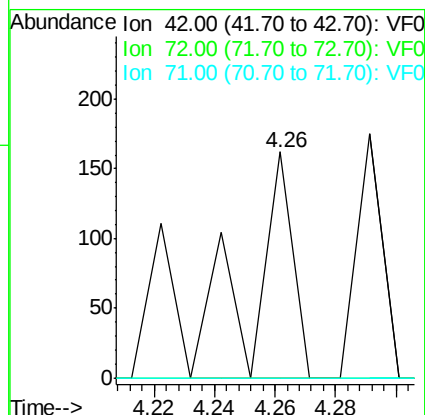
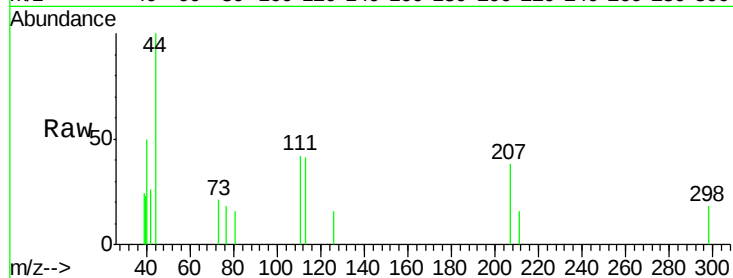




#29
Tetrahydrofuran
Concen: 15.364 ug/l
RT: 4.26 min Scan# 378
Delta R.T. 0.02 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

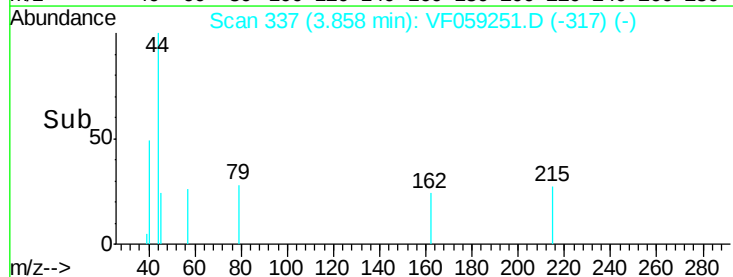
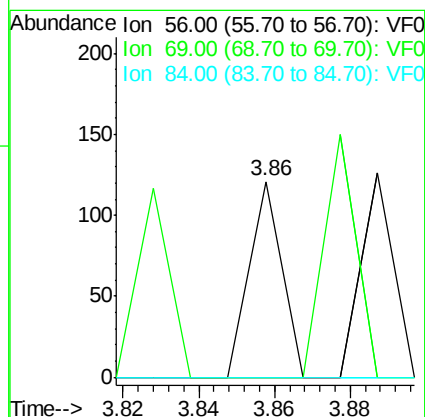
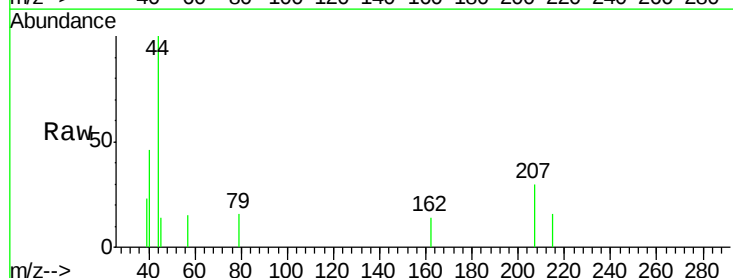
Instrument :
MSVOA_F
ClientSampleId :

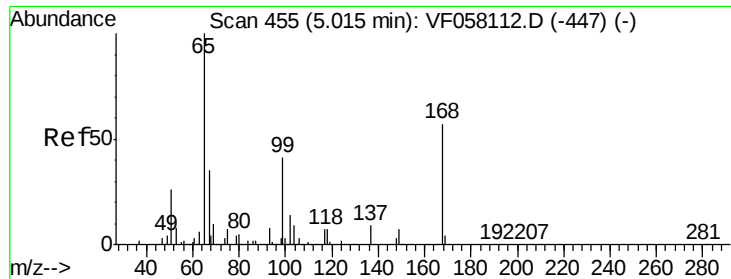
Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.5	45.7#
71	0.0	31.5	47.3#



#31
Cyclohexane
Concen: 1.035 ug/l
RT: 3.86 min Scan# 337
Delta R.T. -0.00 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.9	38.9#
84	0.0	70.3	105.5#





#33

1,2-Dichloroethane-d4

Concen: 22.712 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

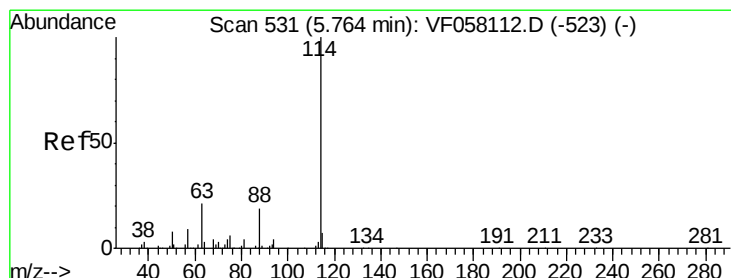
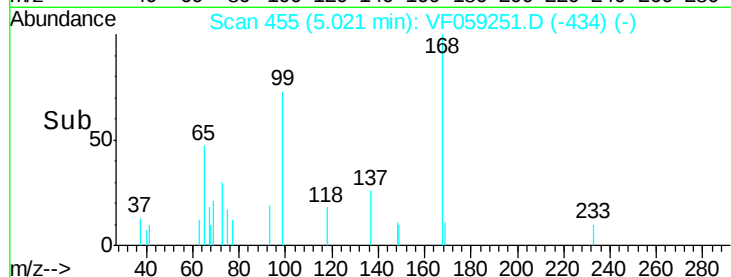
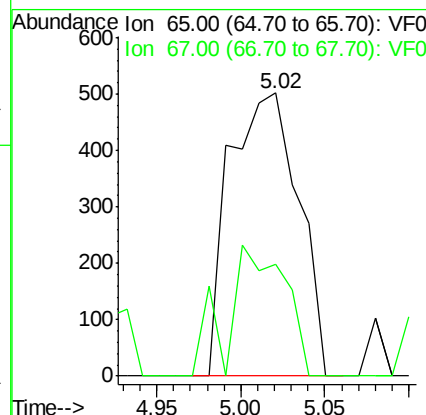
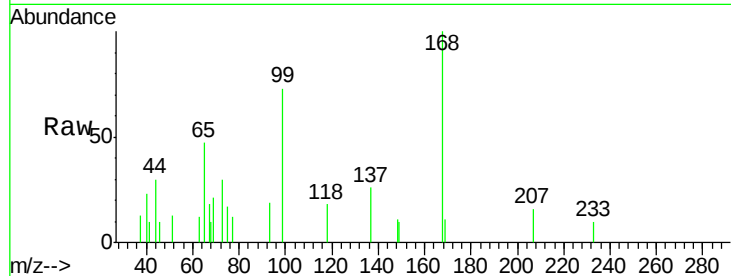
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 65 Resp: 1423

Ion Ratio Lower Upper

65 100

67 39.4 0.0 97.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

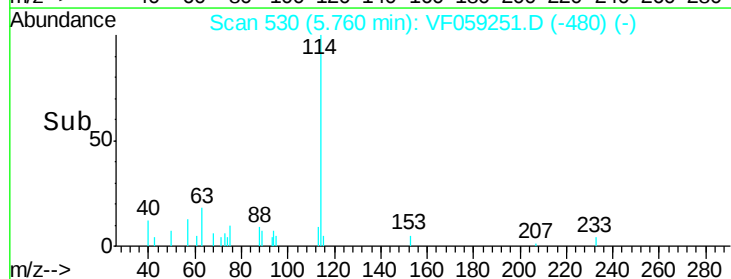
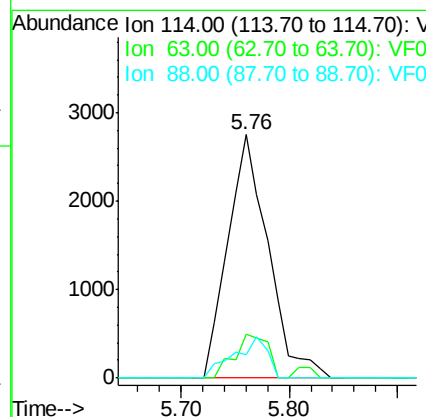
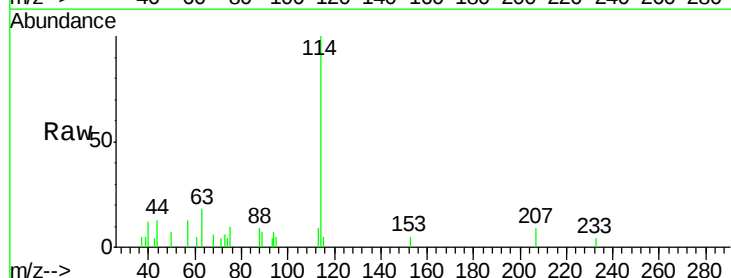
Tgt Ion: 114 Resp: 7150

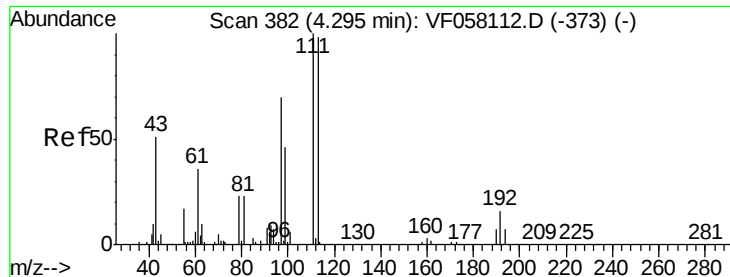
Ion Ratio Lower Upper

114 100

63 17.8 0.0 41.6

88 9.4 0.0 38.8





#35

Dibromofluoromethane

Concen: 33.965 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

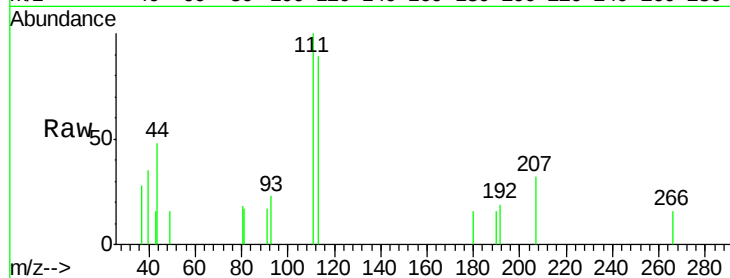
Tot Ion: 113 Resp: 1704

Ion Ratio Lower Upper

113 100

111 112.0 81.3 121.9

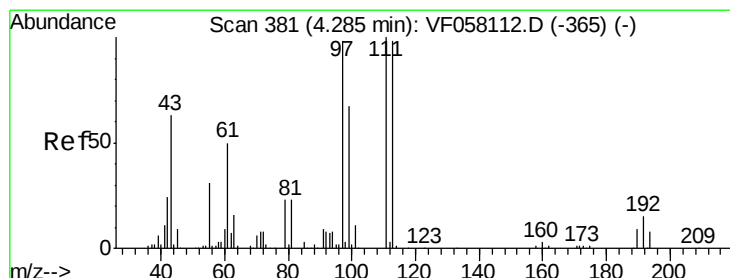
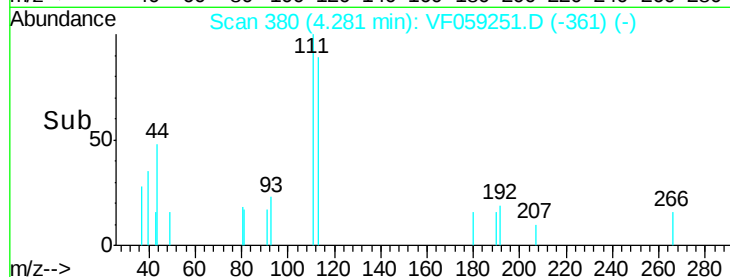
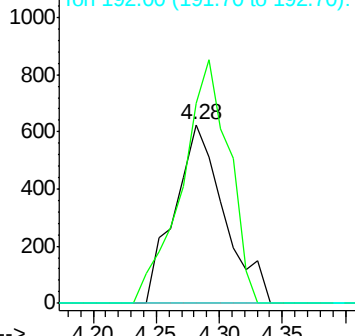
192 0.0 12.7 19.1#



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



#37

Ethyl Acetate

Concen: 3.456 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

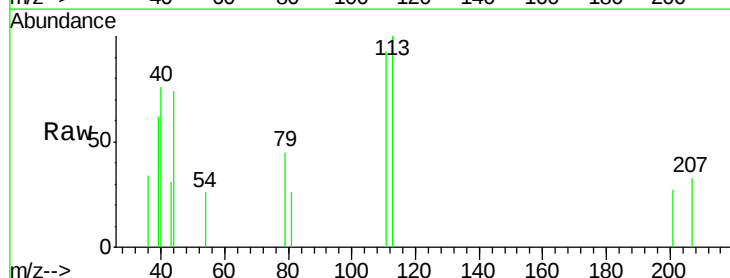
Tgt Ion: 43 Resp: 148

Ion Ratio Lower Upper

43 100

61 0.0 63.0 94.4#

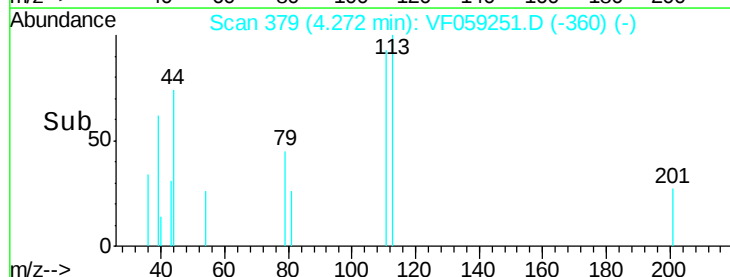
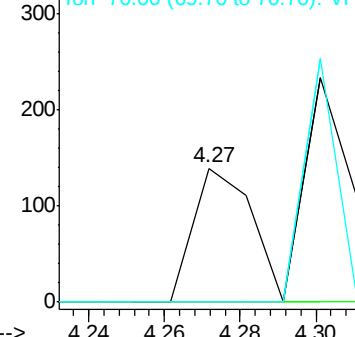
70 0.0 7.5 11.3#

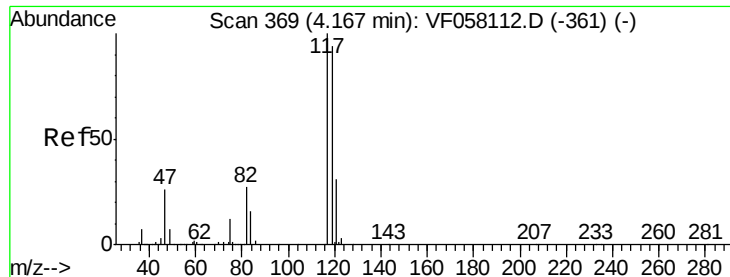


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0





#38

Carbon Tetrachloride

Concen: 1.265 ug/l

RT: 4.24 min Scan# 376

Delta R.T. 0.07 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

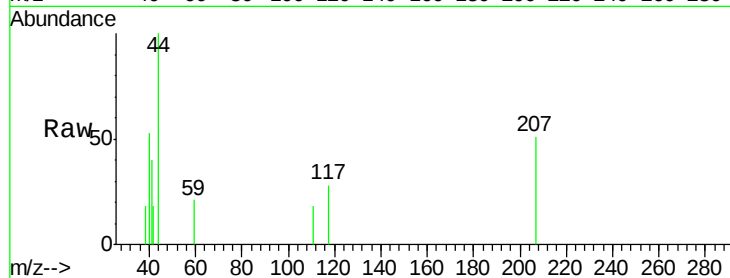
Tot Ion: 117 Resp: 95

Ion Ratio Lower Upper

117 100

119 0.0 75.7 113.5#

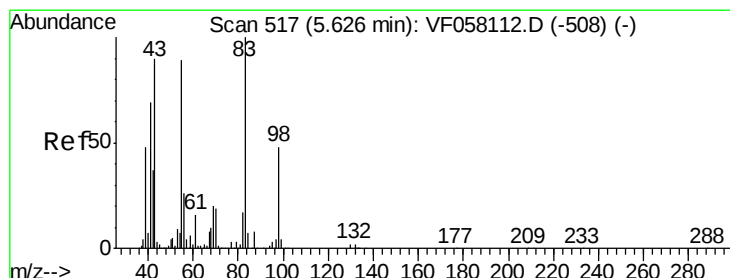
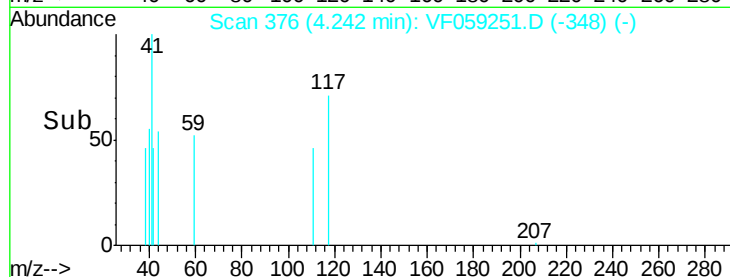
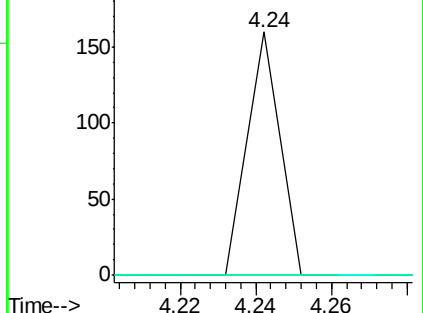
121 0.0 24.8 37.2#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#39

Methylcyclohexane

Concen: 2.506 ug/l

RT: 5.62 min Scan# 516

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

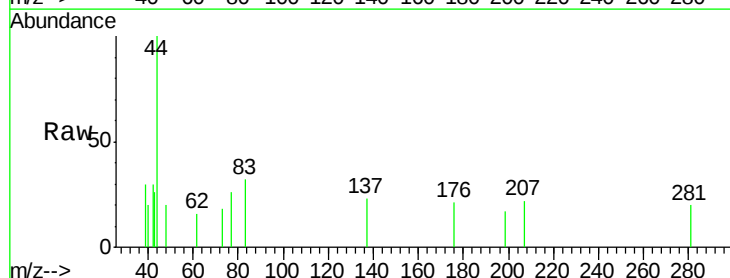
Tgt Ion: 83 Resp: 177

Ion Ratio Lower Upper

83 100

55 0.0 71.0 106.4#

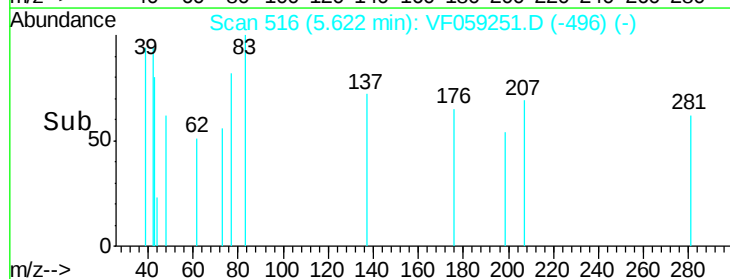
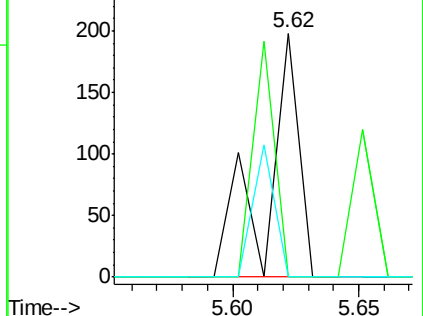
98 0.0 38.1 57.1#

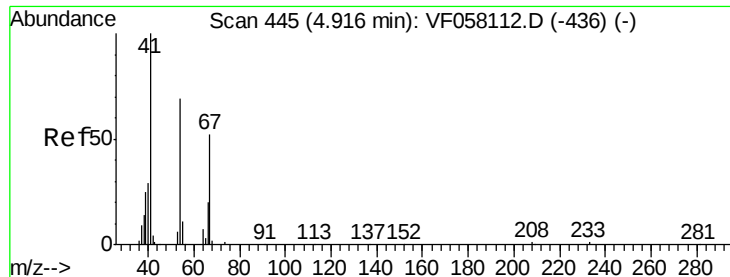


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

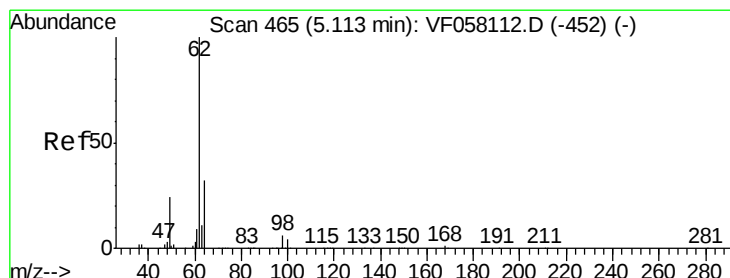
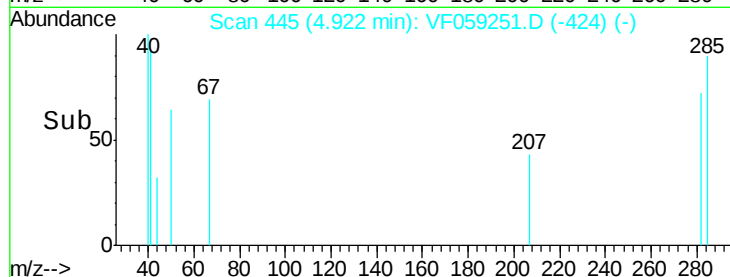
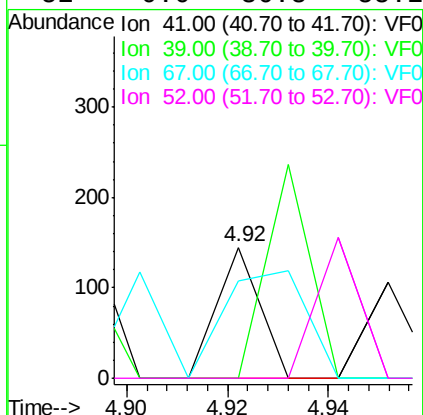
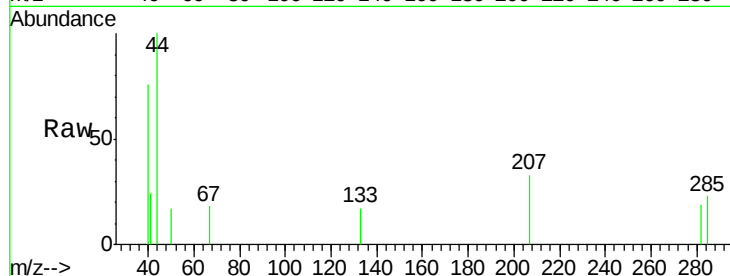




#41
Methacrylonitrile
Concen: 4.088 ug/l
RT: 4.92 min Scan# 445
Delta R.T. 0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

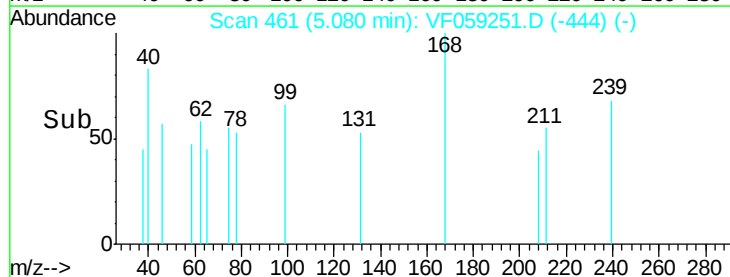
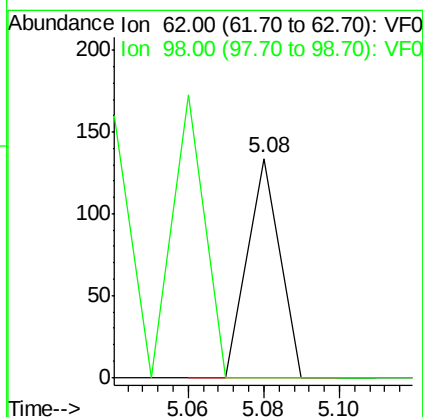
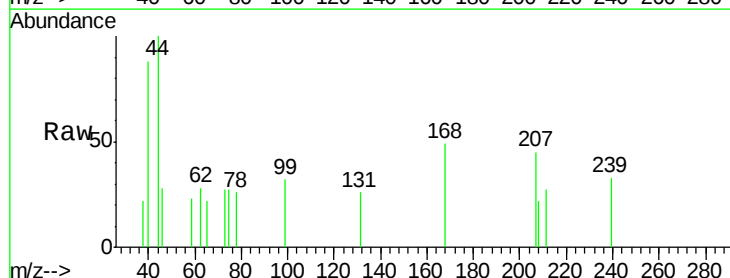
Instrument :
MSVOA_F
ClientSampleId :

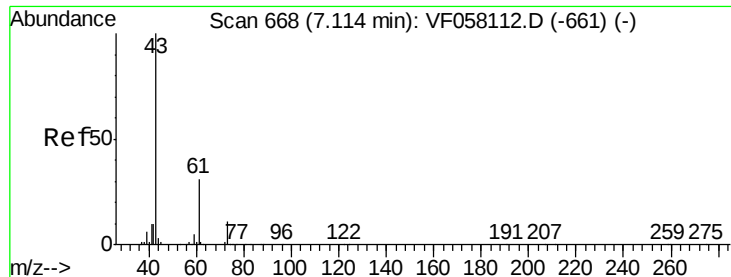
Tot Ion:	41	Resp:	86
Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.0	79.4#
67	74.5	41.0	61.6#
52	0.0	36.8	55.2#



#42
1,2-Dichloroethane
Concen: 1.095 ug/l
RT: 5.08 min Scan# 461
Delta R.T. -0.03 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion:	62	Resp:	79
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	11.8



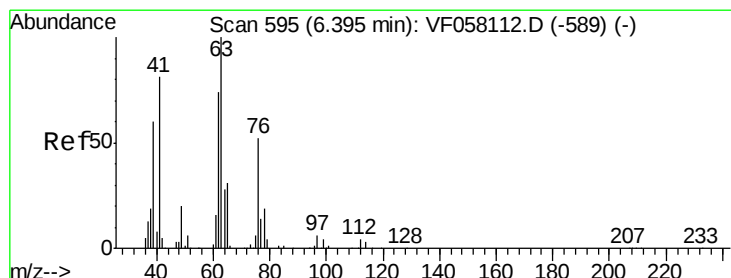
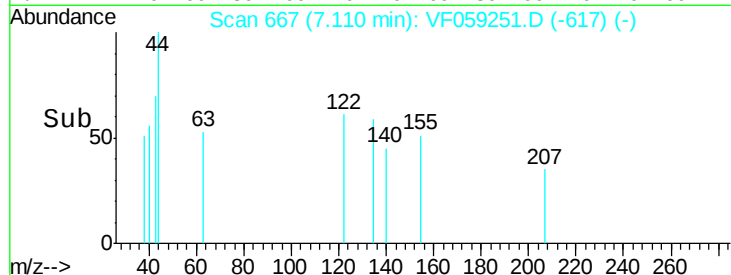
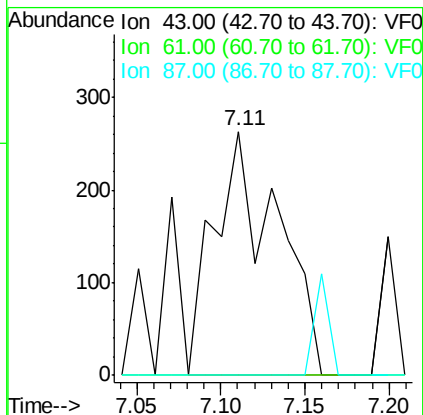
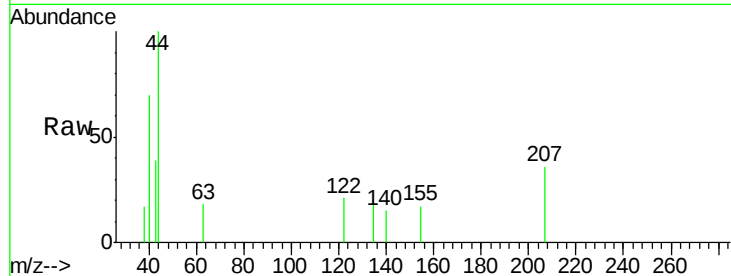


#43

Isopropyl Acetate
 Concen: 11.944 ug/l
 RT: 7.11 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: VF059251.D
 Acq: 21 Jun 2018 4:51

Instrument :
 MSVOA_F
 ClientSampled :

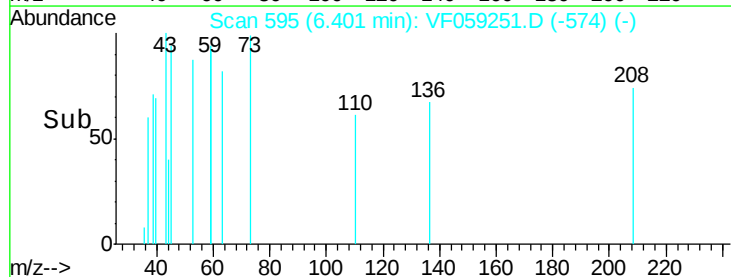
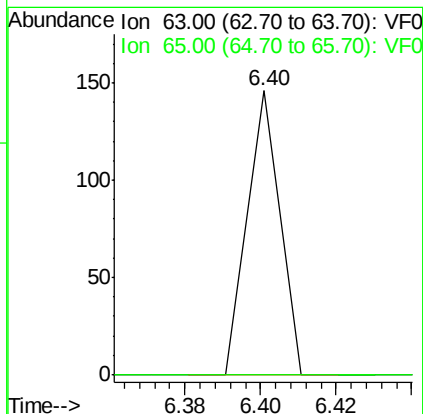
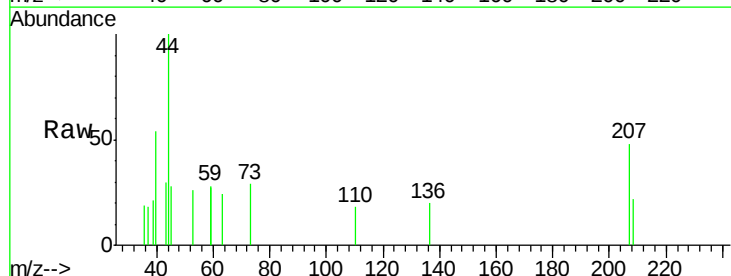
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.1	37.7#
87	0.0	0.2	0.4#

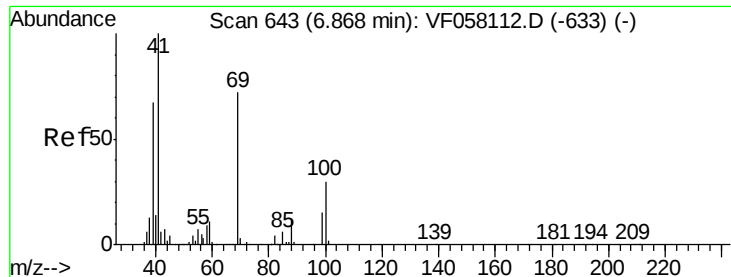


#45

1,2-Dichloropropane
 Concen: 1.854 ug/l
 RT: 6.40 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: VF059251.D
 Acq: 21 Jun 2018 4:51

Tgt Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	37.0#

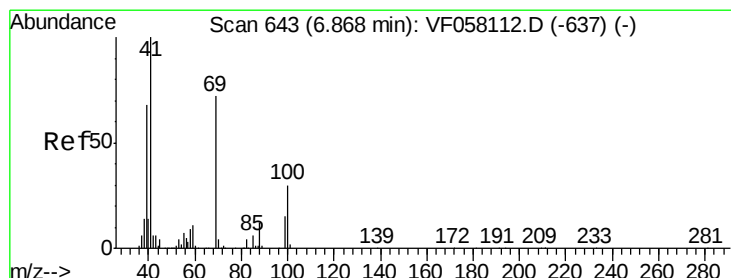
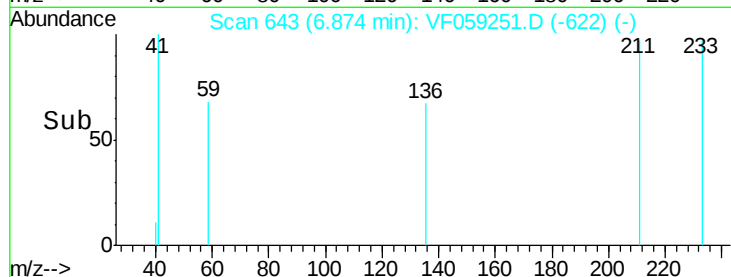
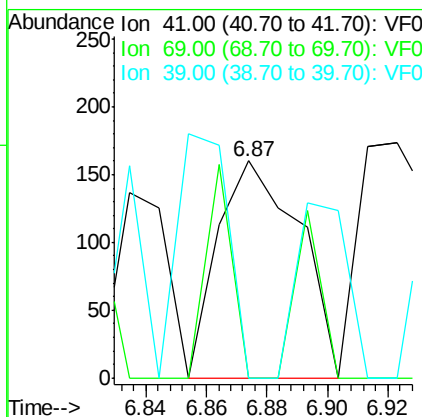
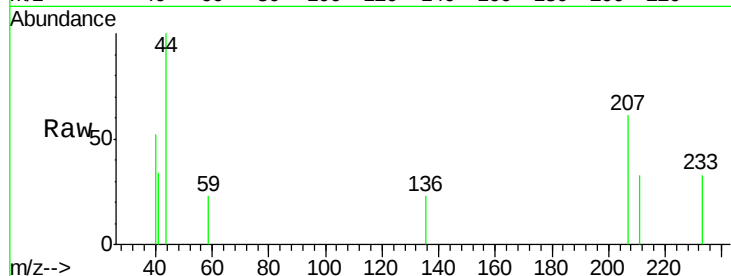




#48
Methvl methacrylate
Concen: 8.514 ug/l
RT: 6.87 min Scan# 643
Delta R.T. 0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

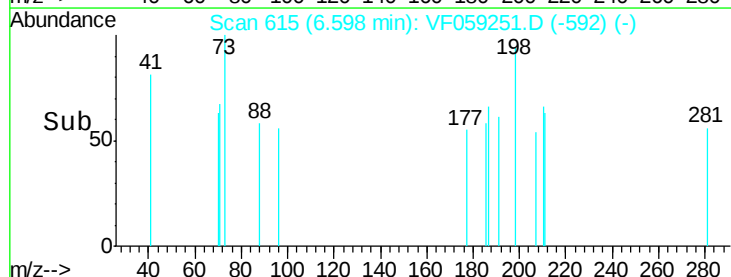
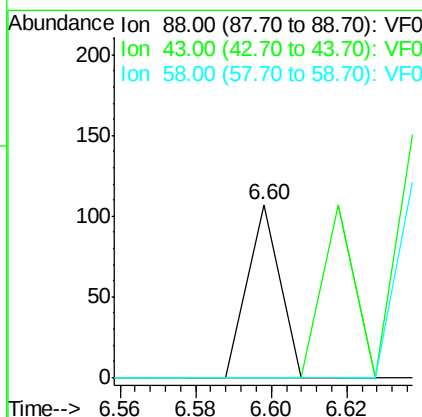
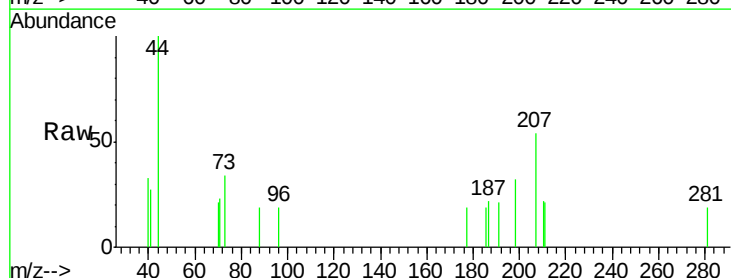
Instrument :
MSVOA_F
ClientSampleId :

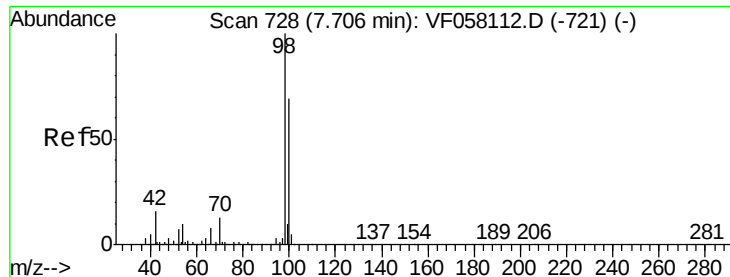
Tot Ion: 41 Resp: 301
Ion Ratio Lower Upper
41 100
69 0.0 57.2 85.8#
39 0.0 54.3 81.5#



#49
1,4-Dioxane
Concen: 234.991 ug/l
RT: 6.60 min Scan# 615
Delta R.T. -0.27 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 0.0 47.8 71.8#
58 0.0 59.4 89.0#





#50

Toluene-d8

Concen: 38.816 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

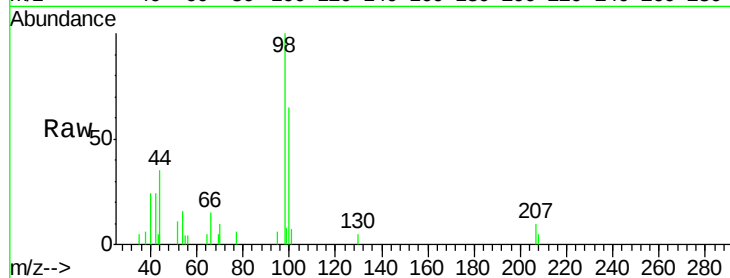
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion: 98 Resp: 5721

Ion Ratio Lower Upper

98 100

100 65.0 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.71

2500

2000

1500

1000

500

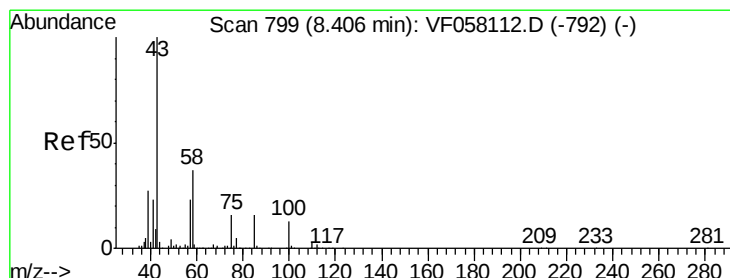
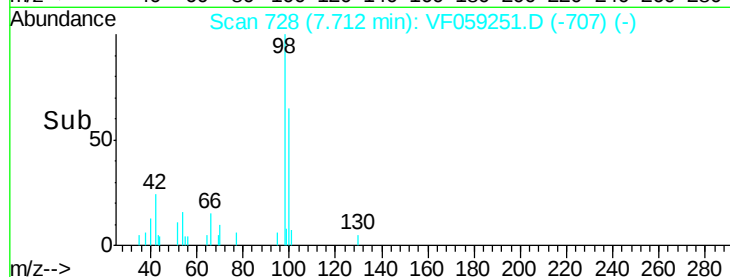
0

Time-->

7.60

7.70

7.80



#51

4-Methyl-2-Pentanone

Concen: 22.896 ug/l

RT: 8.40 min Scan# 798

Delta R.T. -0.00 min

Lab File: VF059251.D

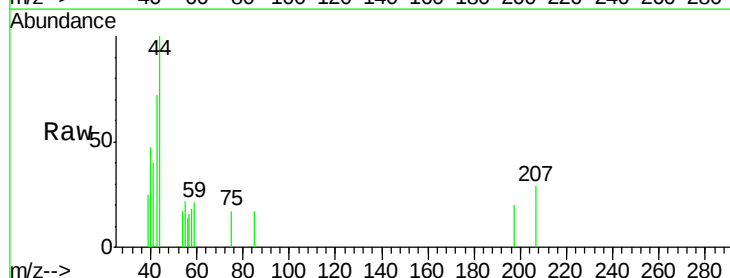
Acq: 21 Jun 2018 4:51

Tgt Ion: 43 Resp: 900

Ion Ratio Lower Upper

43 100

58 25.8 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

600

400

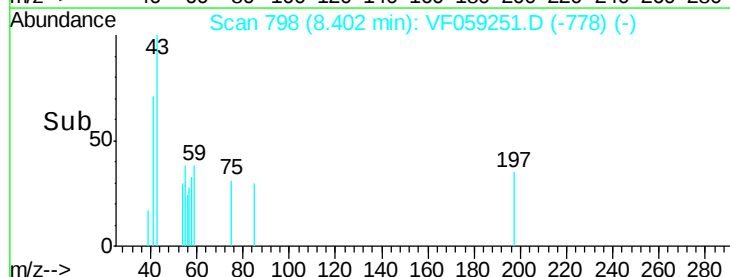
200

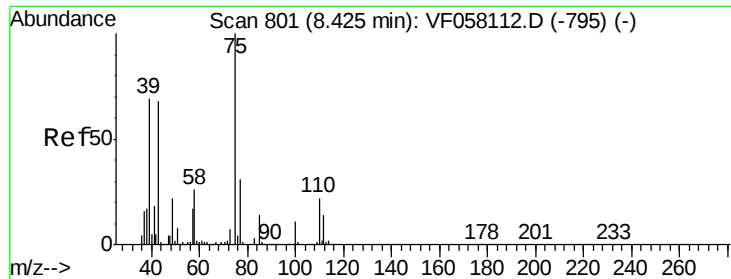
0

Time-->

8.35

8.40





#53

t-1,3-Dichloropropene

Concen: 1.535 ug/l

RT: 8.43 min Scan# 801

Delta R.T. 0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

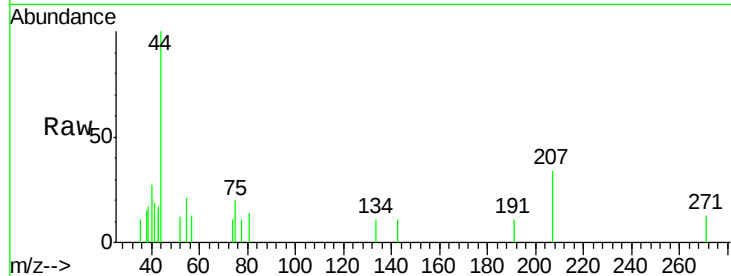
Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 75 Resp: 118

Ion Ratio Lower Upper

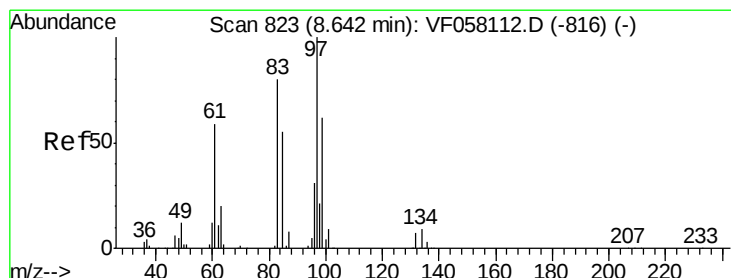
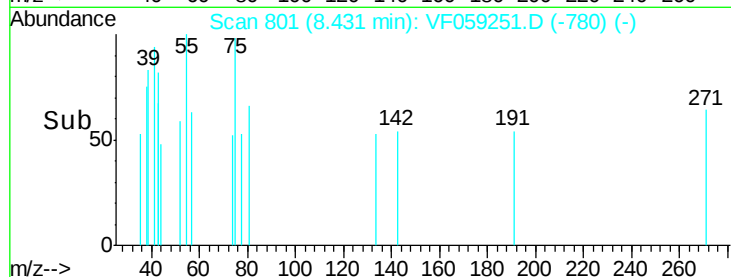
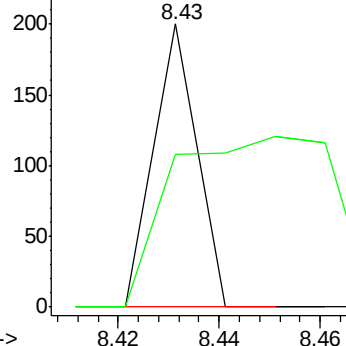
75 100

77 54.0 25.1 37.7#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0



#55

1,1,2-Trichloroethane

Concen: 1.739 ug/l

RT: 8.64 min Scan# 822

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Tgt Ion: 97 Resp: 73

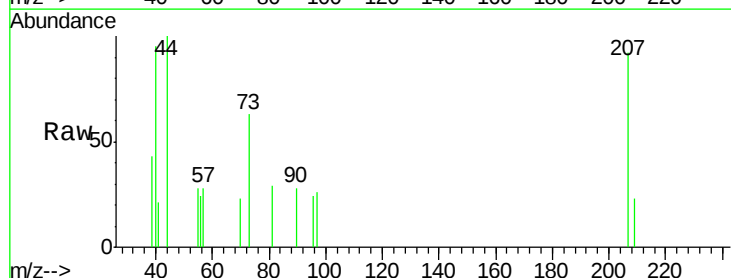
Ion Ratio Lower Upper

97 100

83 0.0 64.3 96.5#

85 0.0 43.8 65.8#

99 0.0 49.8 74.8#

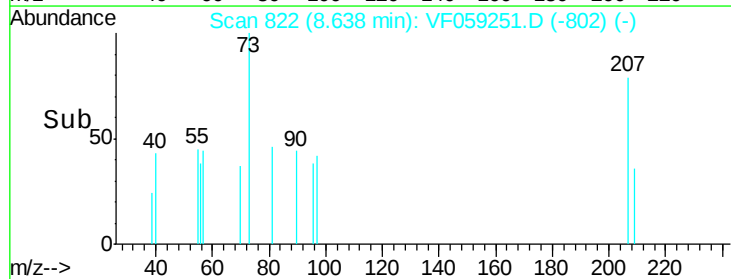
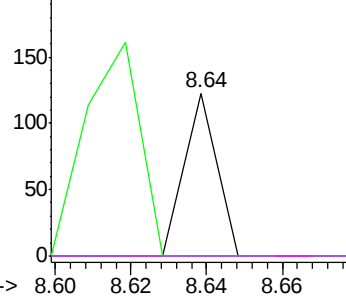


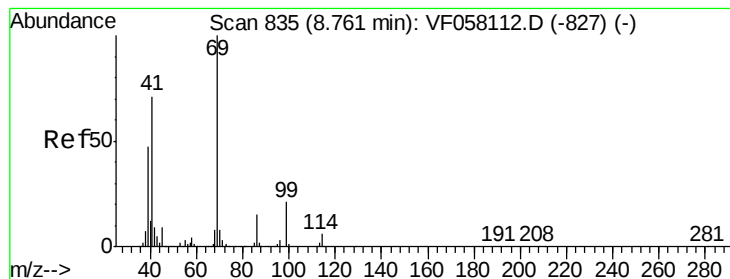
Abundance Ion 97.00 (96.70 to 97.70): VF0

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: 15.362 ug/l

RT: 8.77 min Scan# 835

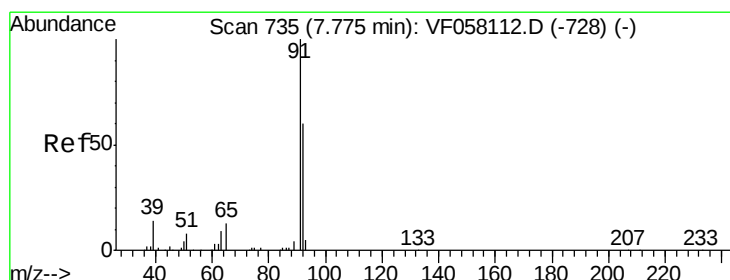
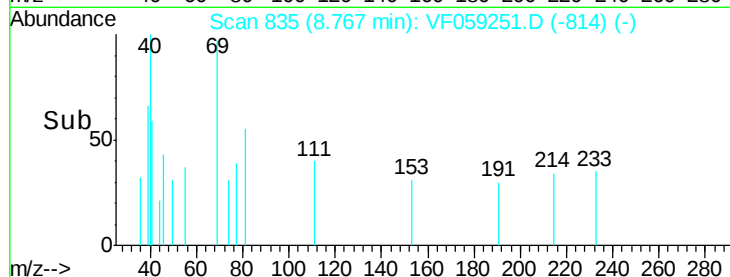
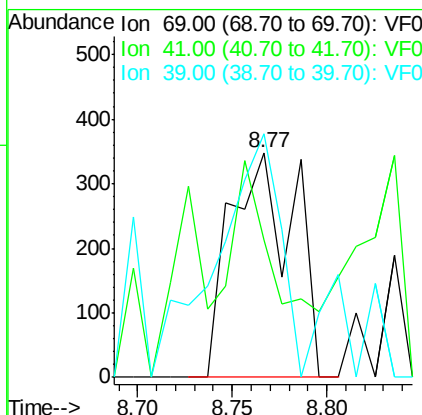
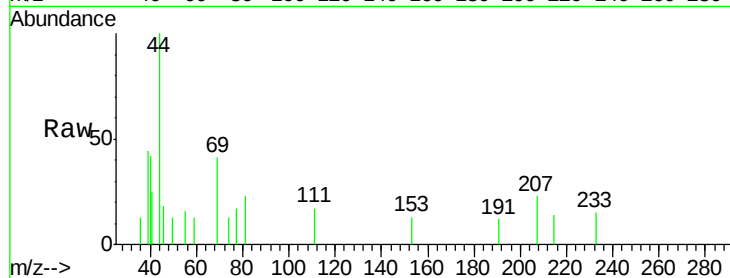
Delta R.T. 0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :
MSVOA_F
ClientSampled :

Tot Ion:	69.00	Resp:	813
Ion	Ratio	Lower	Upper
69	100		
41	60.9	56.9	85.3
39	108.3	38.0	57.0#



#58

2-Chloroethyl Vinyl ether

Concen: 20.612 ug/l

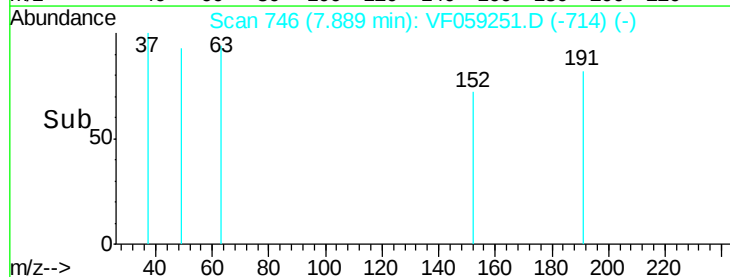
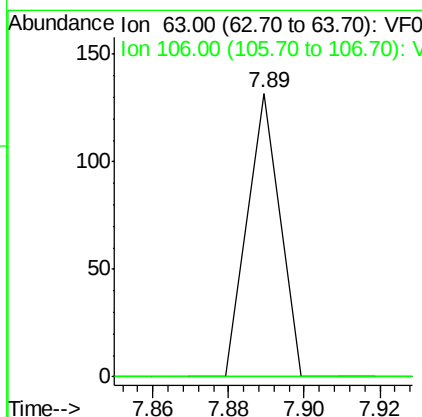
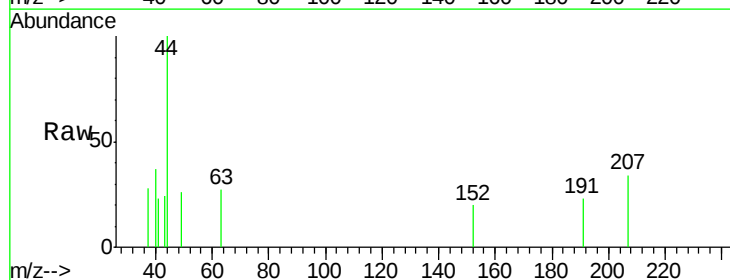
RT: 7.89 min Scan# 746

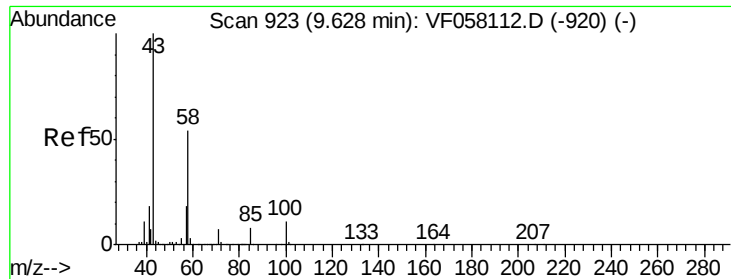
Delta R.T. 0.11 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Tgt Ion:	63.00	Resp:	78
Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0

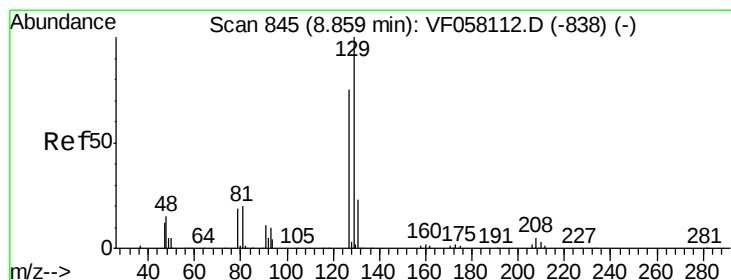
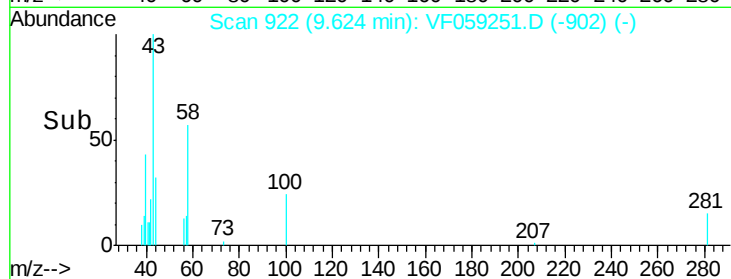
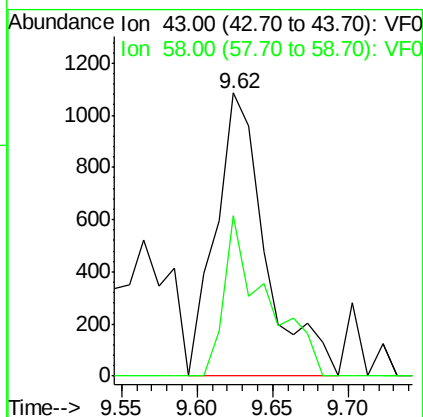
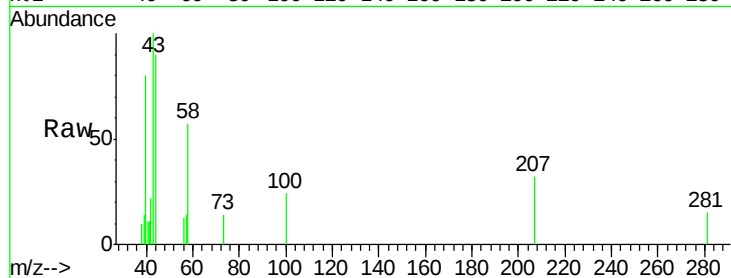




#59
2-Hexanone
Concen: 79.924 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.00 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

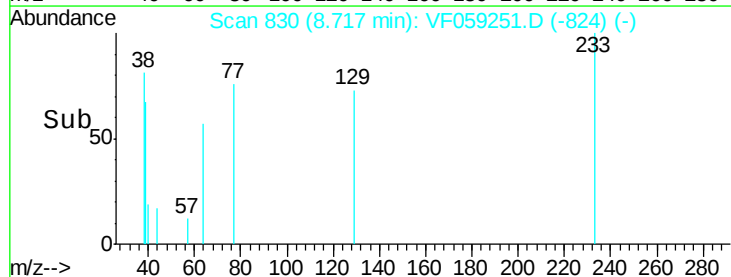
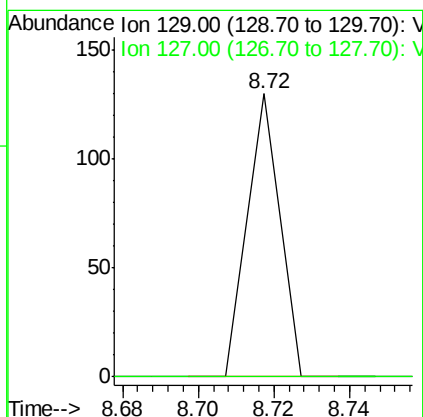
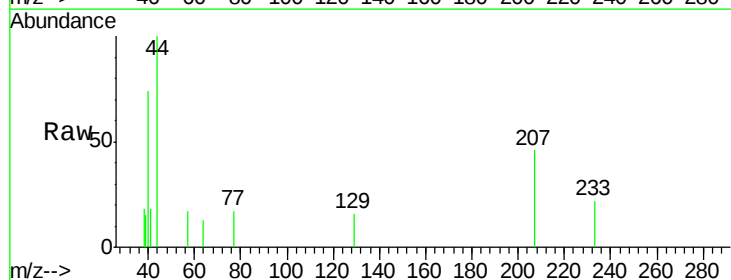
Instrument :
MSVOA_F
ClientSampled :

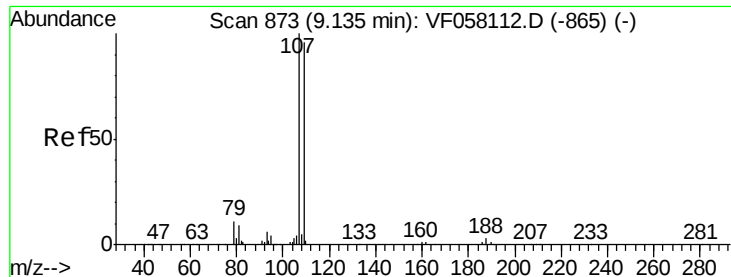
Tot Ion: 43 Resp: 2485
Ion Ratio Lower Upper
43 100
58 56.7 26.3 78.8



#60
Dibromochloromethane
Concen: 1.276 ug/l
RT: 8.72 min Scan# 830
Delta R.T. -0.14 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion: 129 Resp: 77
Ion Ratio Lower Upper
129 100
127 0.0 37.6 112.9#





#61

1,2-Dibromoethane

Concen: 1.312 ug/l

RT: 9.12 min Scan# 871

Delta R.T. -0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

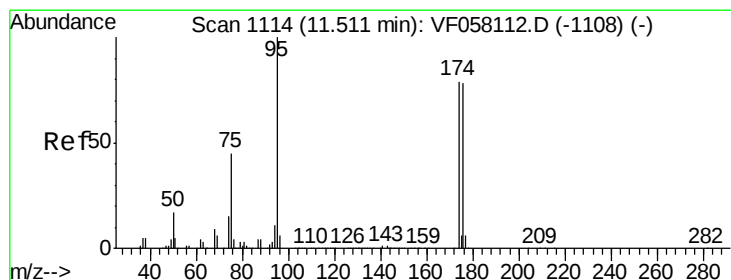
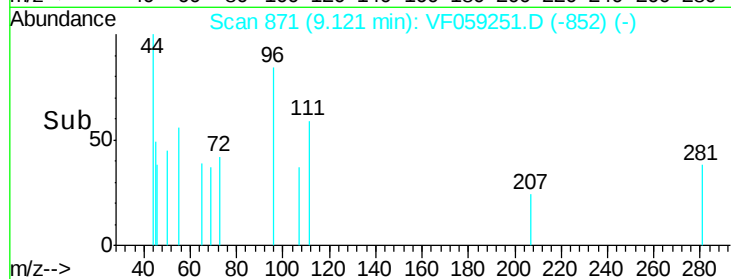
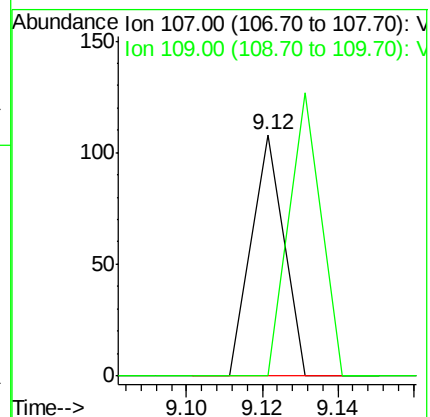
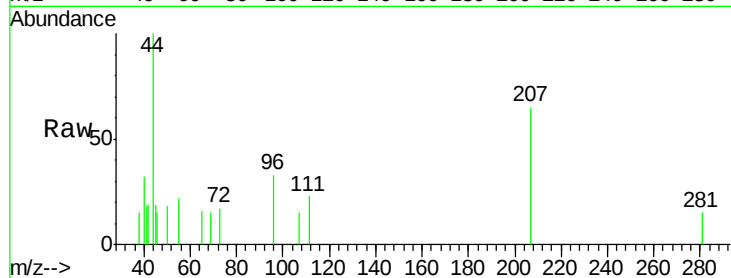
Instrument :
MSVOA_F
ClientSampled :

Tot Ion:107 Resp: 64

Ion Ratio Lower Upper

107 100

109 0.0 76.6 115.0#



#62

4-Bromofluorobenzene

Concen: 23.480 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

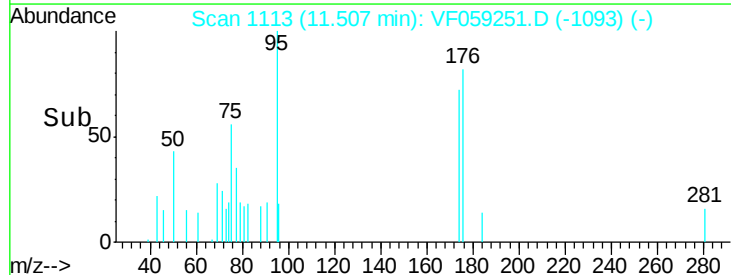
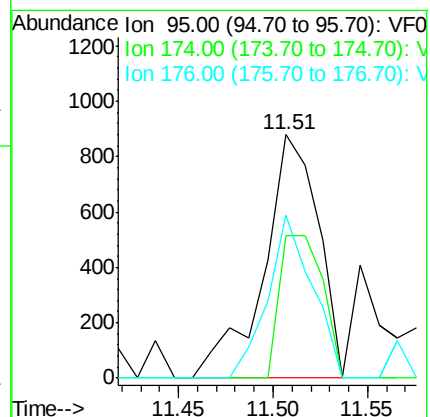
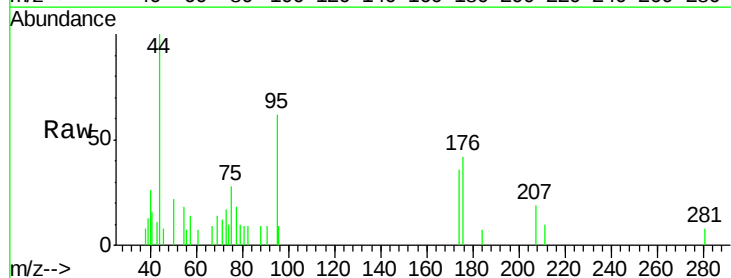
Tgt Ion: 95 Resp: 1775

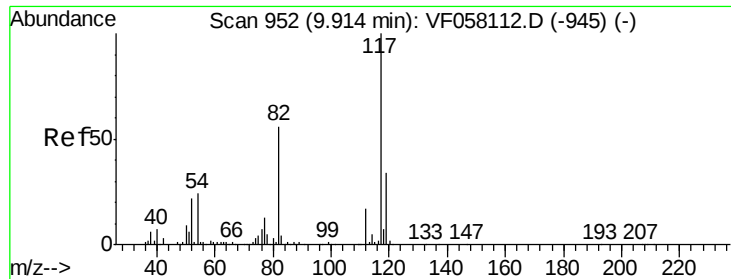
Ion Ratio Lower Upper

95 100

174 58.7 0.0 157.8

176 67.2 0.0 155.8

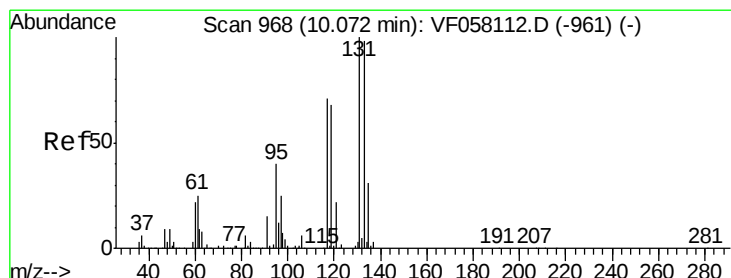
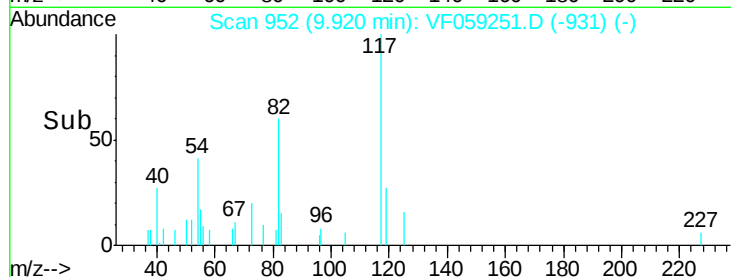
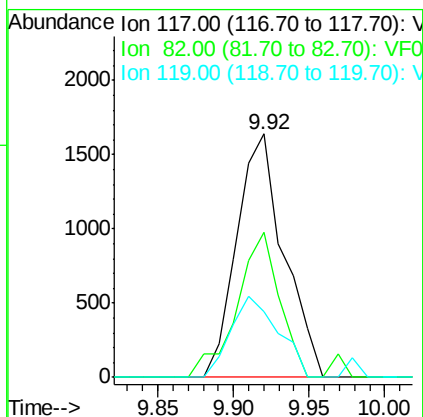
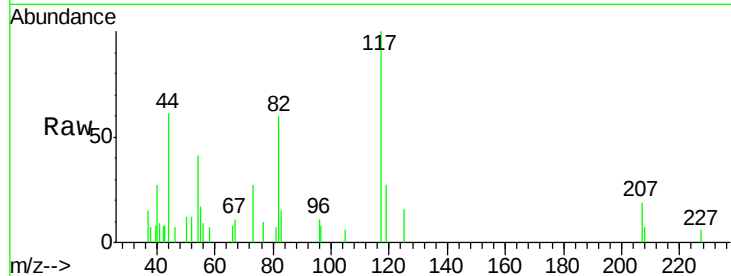




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

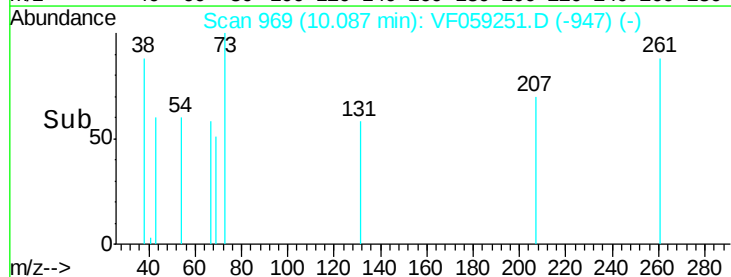
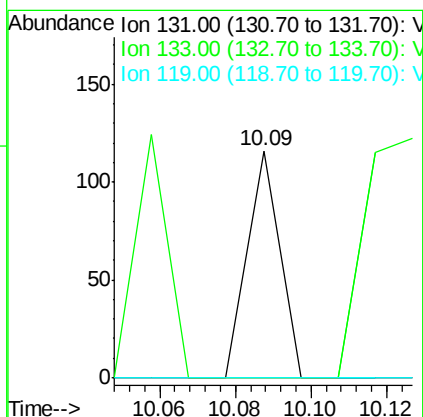
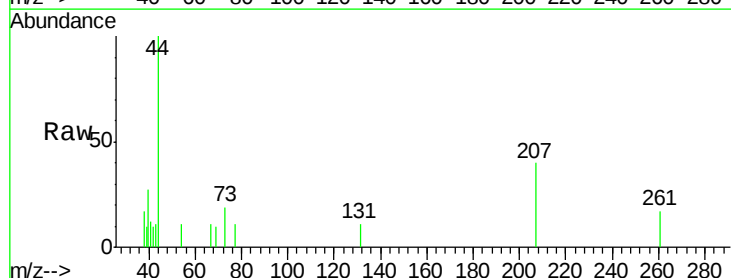
Instrument :
MSVOA_F
ClientSampled :

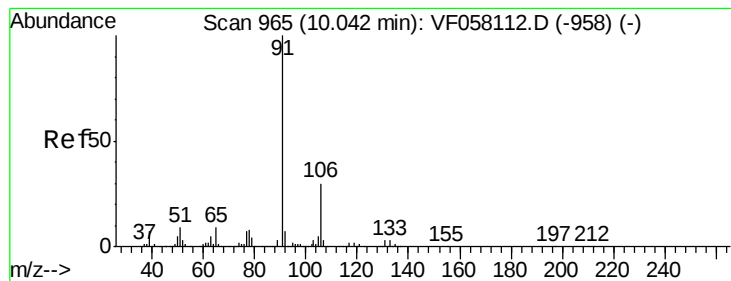
Tot Ion:117 Resp: 3564
Ion Ratio Lower Upper
117 100
82 59.5 45.2 67.8
119 27.1 27.5 41.3#



#66
1,1,1,2-Tetrachloroethane
Concen: 2.458 ug/l
RT: 10.09 min Scan# 969
Delta R.T. 0.02 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion:131 Resp: 69
Ion Ratio Lower Upper
131 100
133 0.0 49.1 147.4#
119 0.0 34.3 102.8#





#67

Ethyl Benzene

Concen: 1.574 ug/l

RT: 10.04 min Scan# 964

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

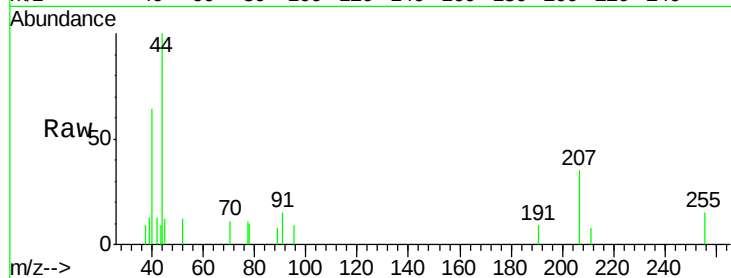
ClientSampled :

Tot Ion: 91 Resp: 193

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

10.04

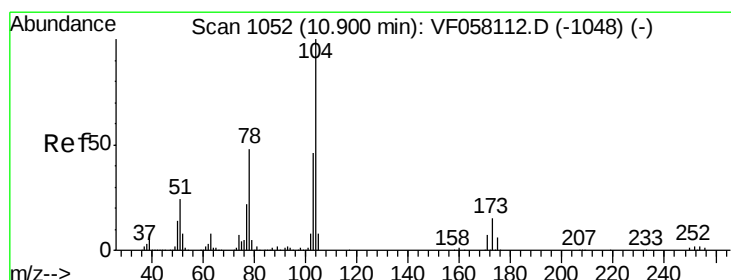
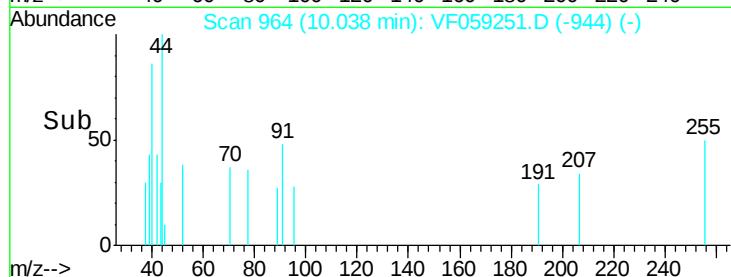
150

100

50

0

Time--> 10.00 10.05



#70

Styrene

Concen: 10.349 ug/l

RT: 10.89 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

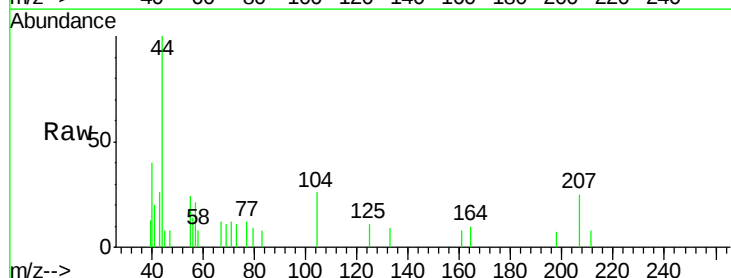
Tgt Ion: 104 Resp: 777

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

500

400

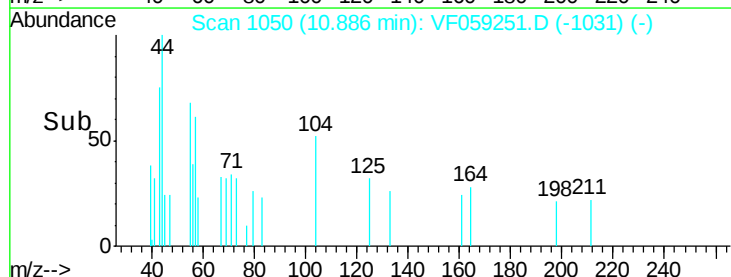
300

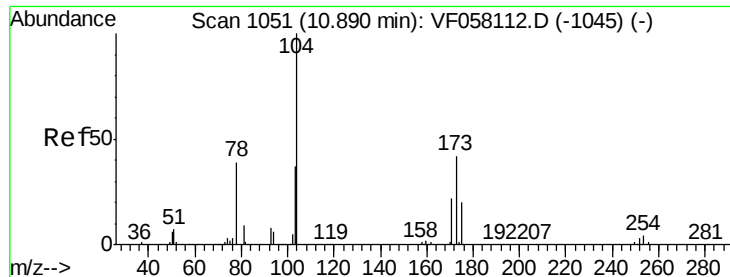
200

100

0

Time--> 10.80 10.85 10.90 10.95





#71

Bromoform

Concen: 4.353 ug/l

RT: 10.87 min Scan# 1048

Delta R.T. -0.02 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

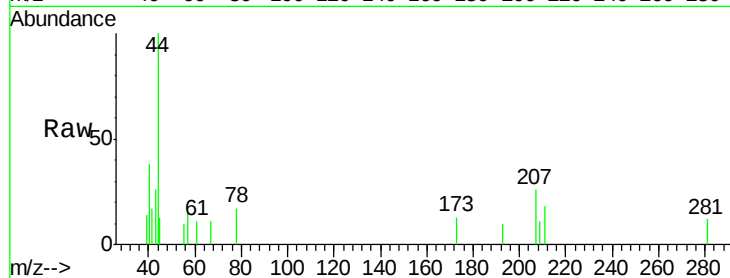
Tot Ion:173 Resp: 83

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

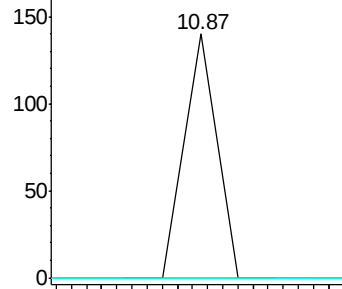
254 0.0 7.8 11.8#



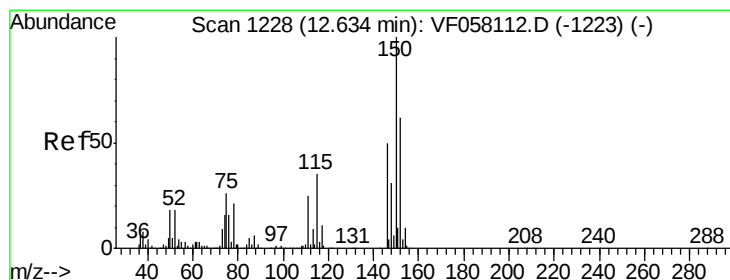
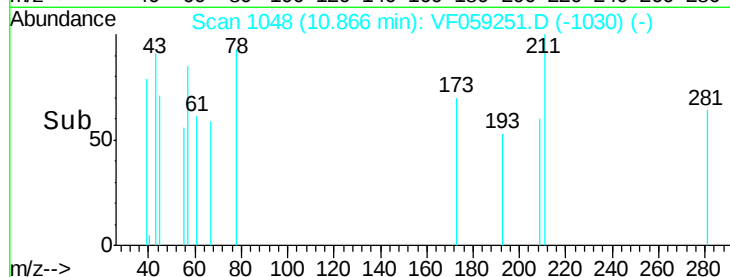
Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

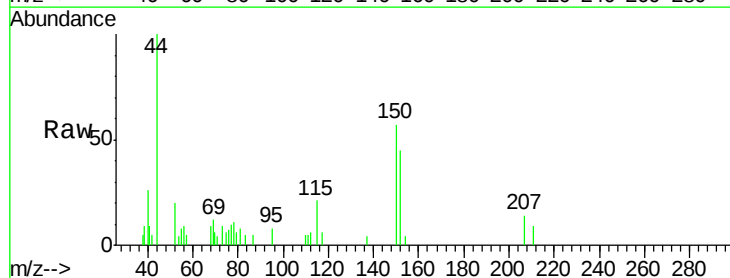
Tgt Ion:152 Resp: 1402

Ion Ratio Lower Upper

152 100

115 46.0 28.5 85.5

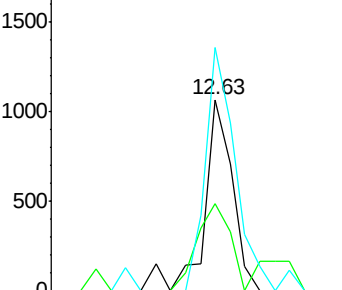
150 127.2 0.0 323.8



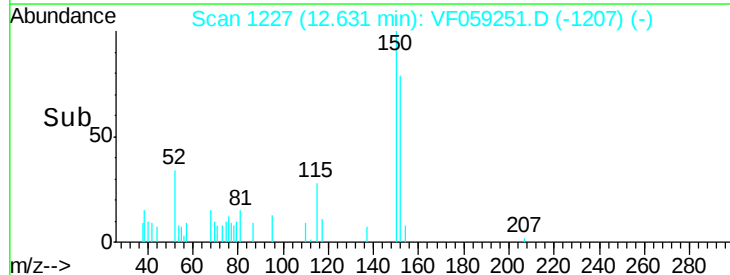
Abundance Ion 152.00 (151.70 to 152.70): V

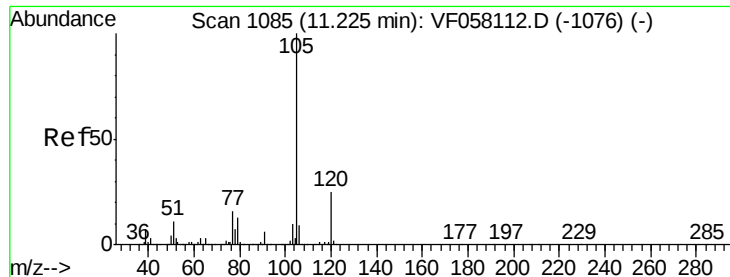
Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



Time-->





#73

Isopropylbenzene

Concen: 1.051 ug/l

RT: 11.29 min Scan# 1091

Delta R.T. 0.07 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

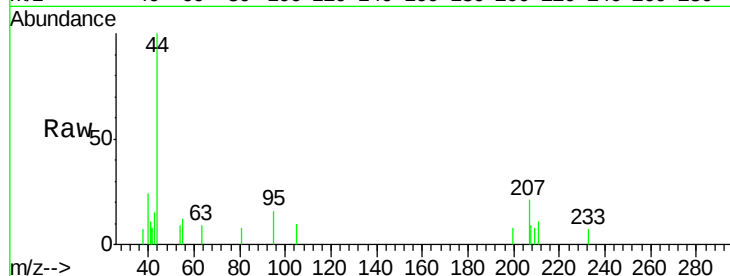
ClientSampleId :

Tot Ion: 105 Resp: 102

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

11.29

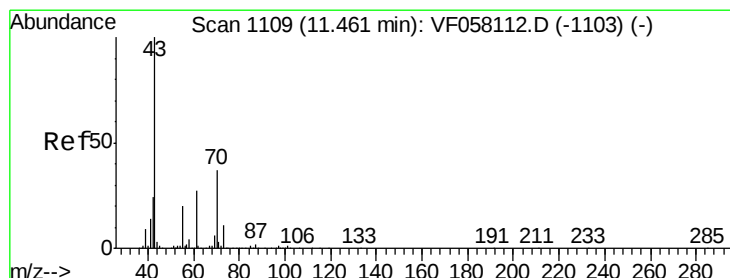
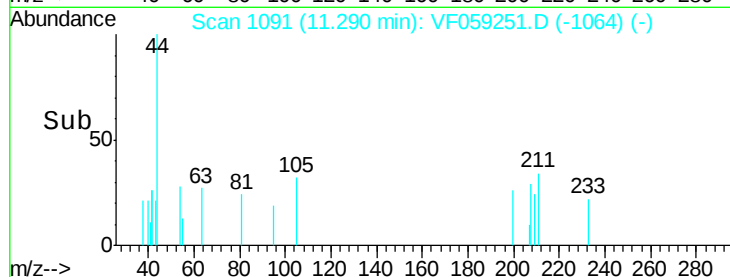
150

100

50

0

Time-->



#74

N-ethyl acetate

Concen: 21.601 ug/l

RT: 11.46 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Tgt Ion: 43 Resp: 749

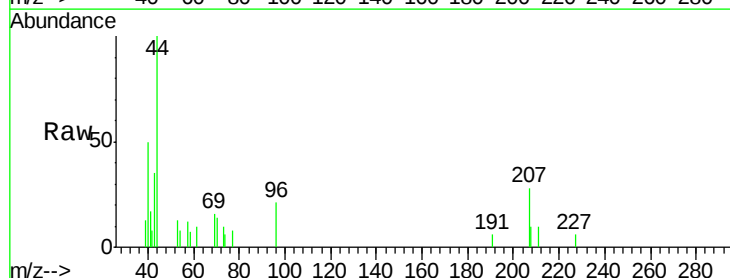
Ion Ratio Lower Upper

43 100

70 39.2 29.2 43.8

55 0.0 15.8 23.6#

61 29.3 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

800

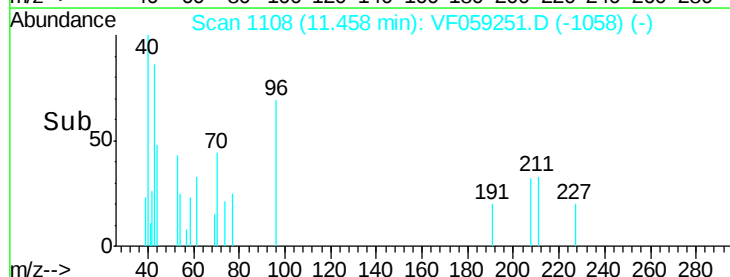
600

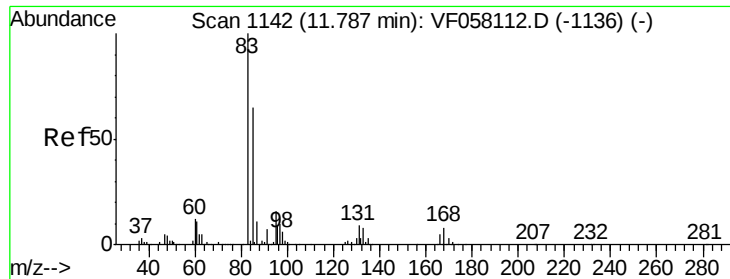
400

200

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 8.082 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. 0.03 min

Lab File: VF059251.D

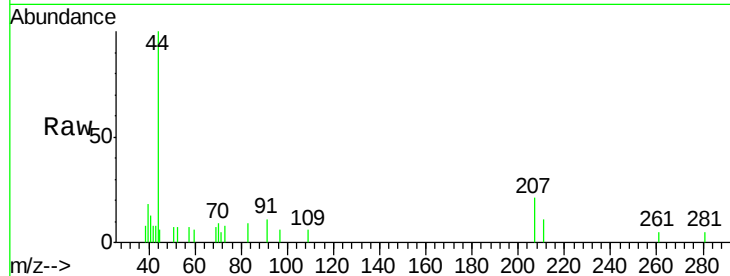
Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

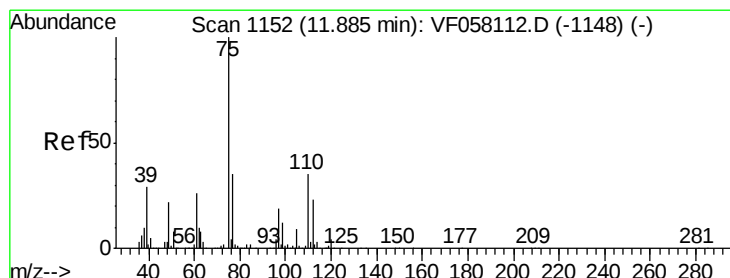
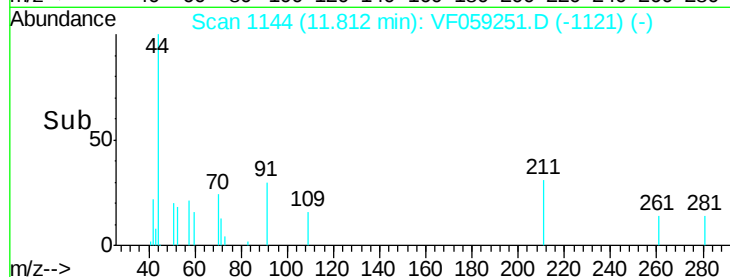
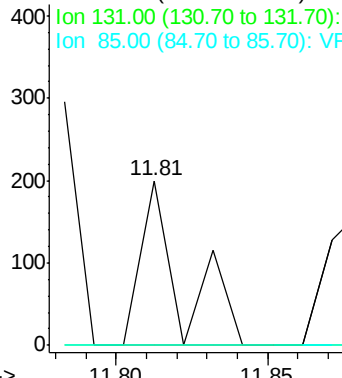
Tot Ion	83	Resp	186
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.7#
85	0.0	32.8	98.3#



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 13.062 ug/l

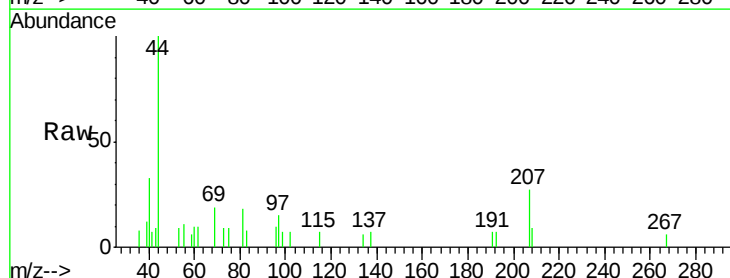
RT: 11.87 min Scan# 1150

Delta R.T. -0.01 min

Lab File: VF059251.D

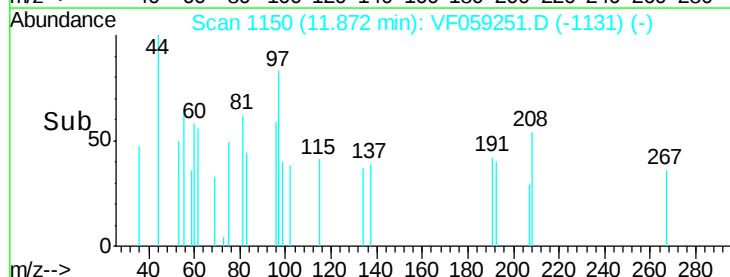
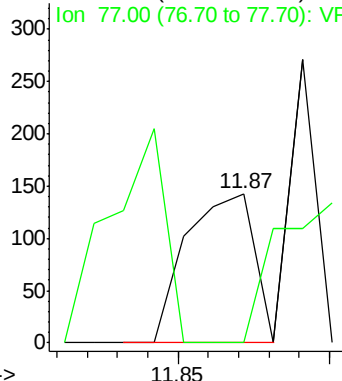
Acq: 21 Jun 2018 4:51

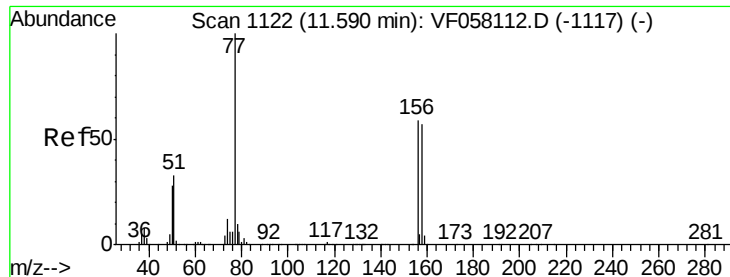
Tgt Ion	75	Resp	222
Ion	Ratio	Lower	Upper
75	100		
77	0.0	17.5	52.5#



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 3.766 ug/l

RT: 11.59 min Scan# 1121

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

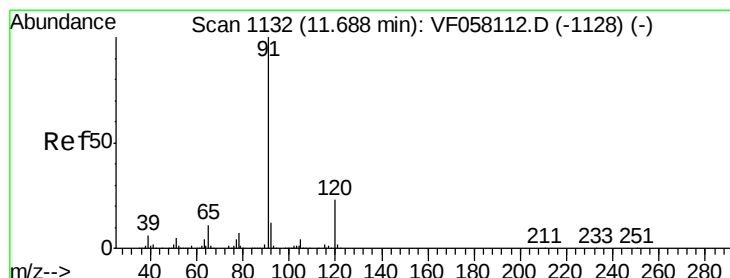
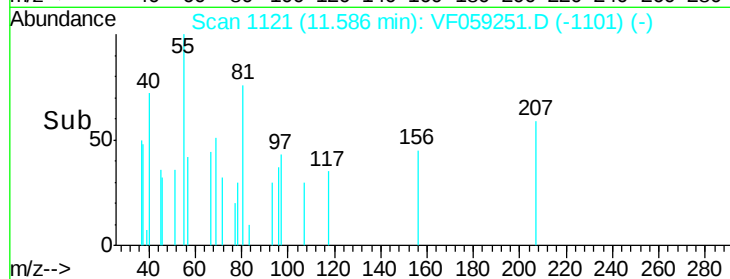
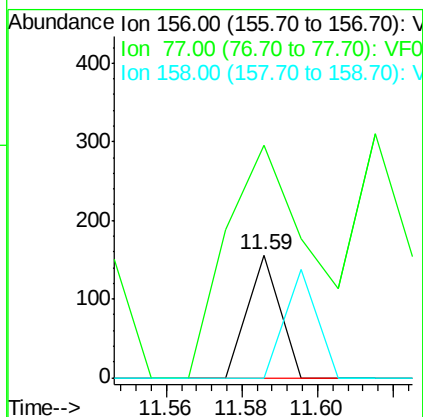
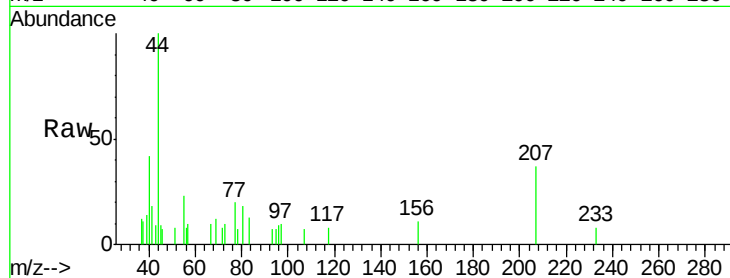
Instrument :

MSVOA_F

ClientSampled :

Tot Ion:156 Resp: 92

Ion	Ratio	Lower	Upper
156	100		
77	189.7	84.8	254.4
158	0.0	47.9	143.7#



#78

n-propylbenzene

Concen: 2.167 ug/l

RT: 11.68 min Scan# 1131

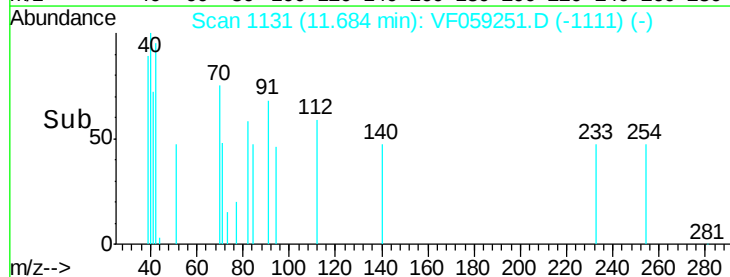
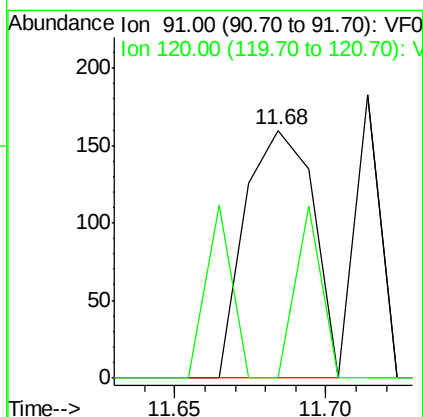
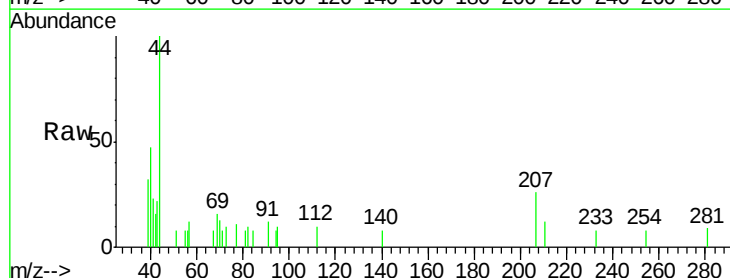
Delta R.T. -0.00 min

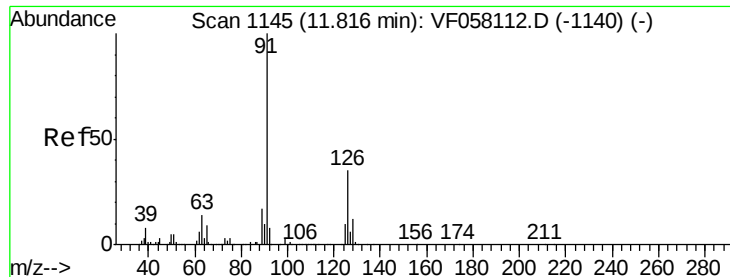
Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Tgt Ion: 91 Resp: 249

Ion	Ratio	Lower	Upper
91	100		
120	0.0	11.5	34.5#





#79

2-Chlorotoluene

Concen: 3.860 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

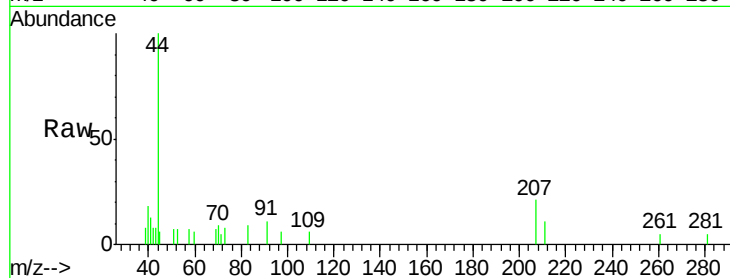
ClientSampled :

Tot Ion: 91.00 Resp: 262

Ion Ratio Lower Upper

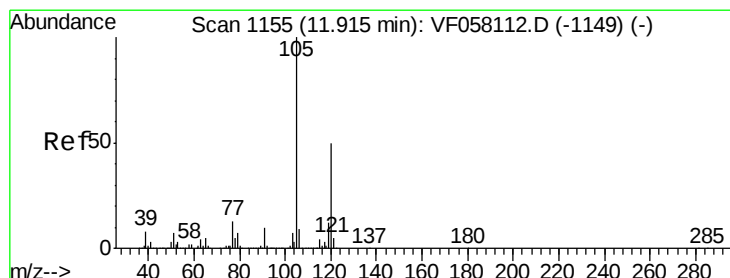
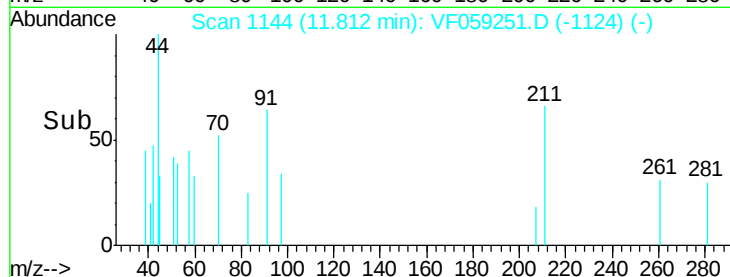
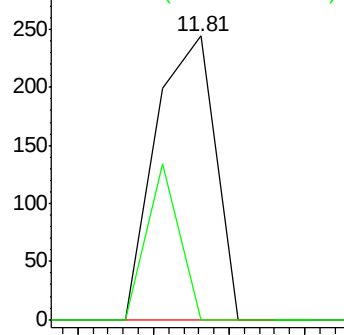
91 100

126 0.0 17.6 52.9#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 1.033 ug/l

RT: 11.92 min Scan# 1155

Delta R.T. 0.01 min

Lab File: VF059251.D

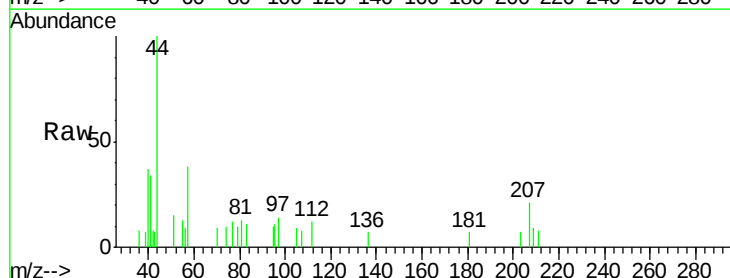
Acq: 21 Jun 2018 4:51

Tgt Ion: 105 Resp: 83

Ion Ratio Lower Upper

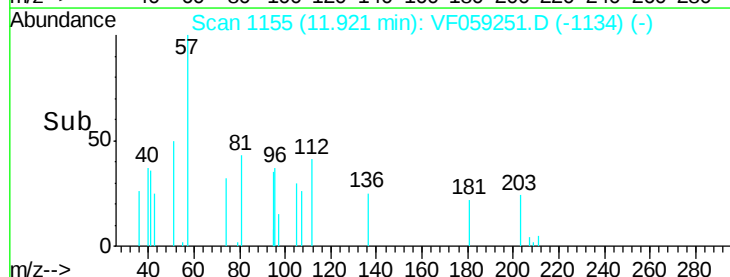
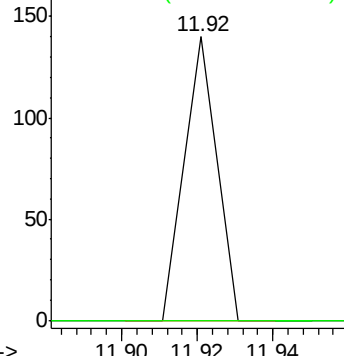
105 100

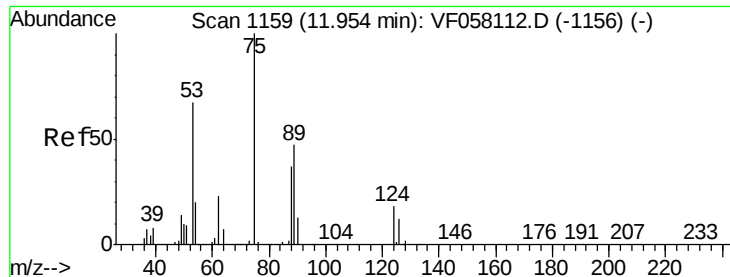
120 0.0 24.9 74.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 5.626 ug/l

RT: 11.94 min Scan# 1157

Delta R.T. -0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

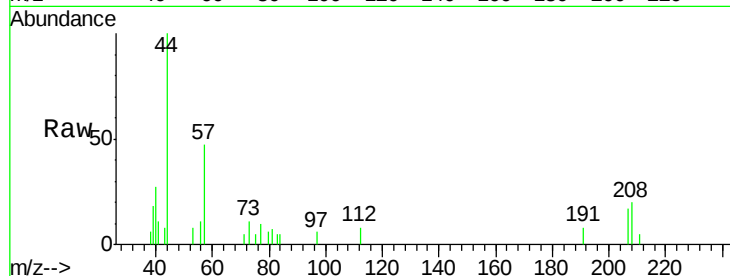
Tot Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

53 167.6 58.7 88.1#

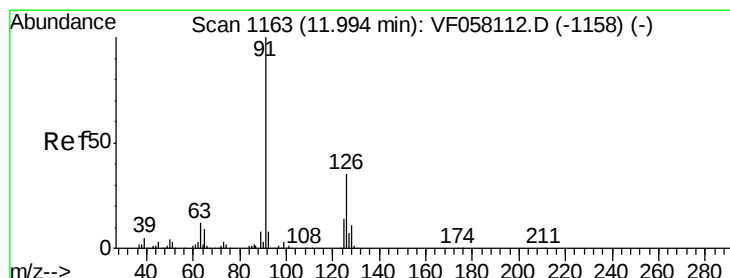
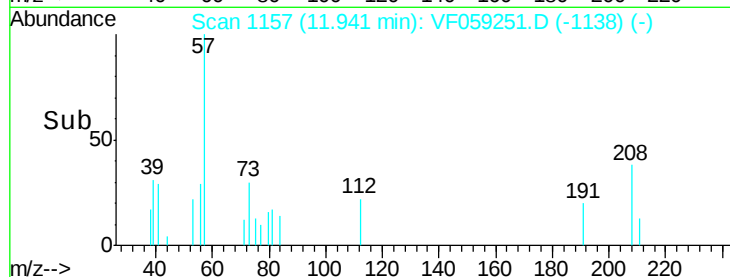
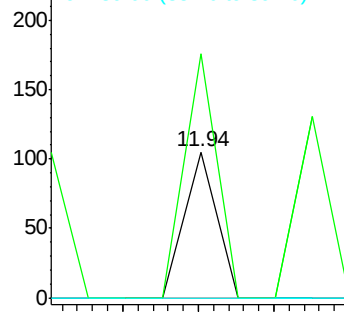
89 0.0 39.8 59.6#



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



#82

4-Chlorotoluene

Concen: 10.712 ug/l

RT: 11.99 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VF059251.D

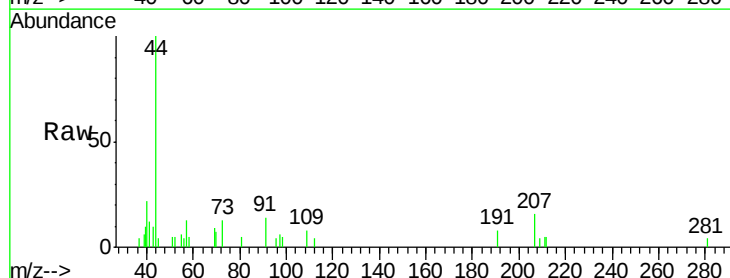
Acq: 21 Jun 2018 4:51

Tgt Ion: 91 Resp: 774

Ion Ratio Lower Upper

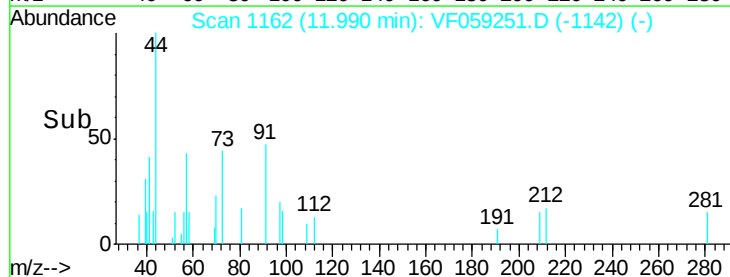
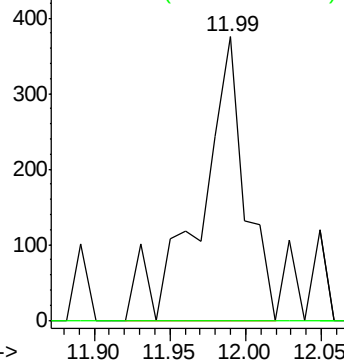
91 100

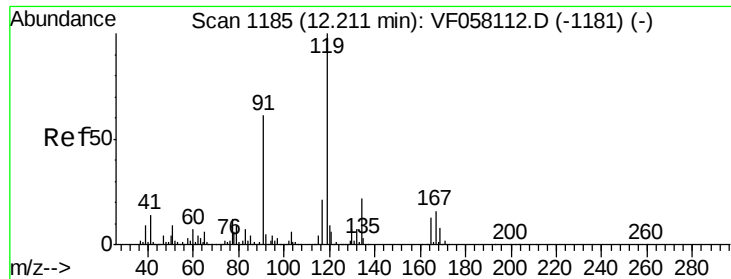
126 0.0 17.4 52.2#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V





#83

tert-Butylbenzene

Concen: 2.043 ug/l

RT: 12.21 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VF059251.D

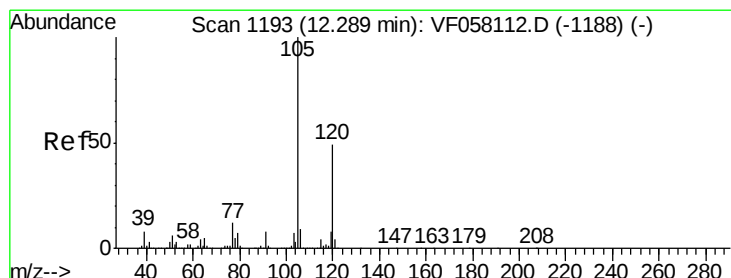
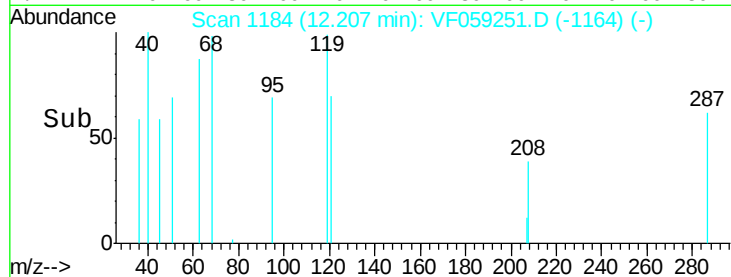
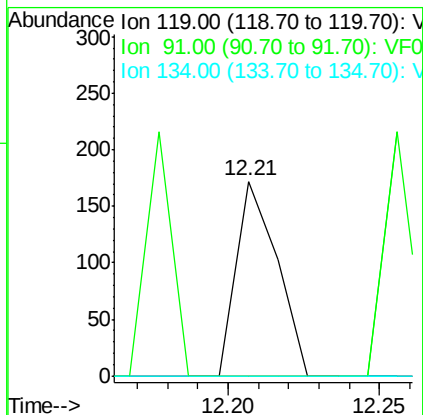
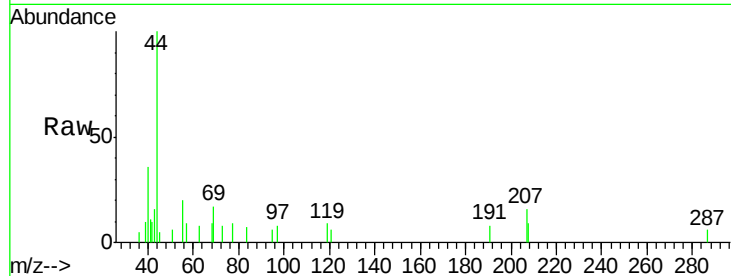
Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	119	Resp:	163
Ion	Ratio	Lower	Upper
119	100		
91	0.0	30.4	91.3#
134	0.0	11.2	33.5#



#84

1,2,4-Trimethylbenzene

Concen: 3.628 ug/l

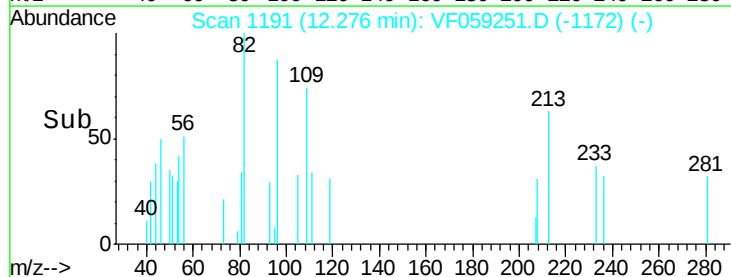
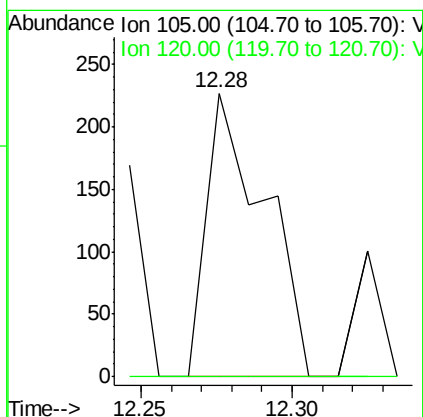
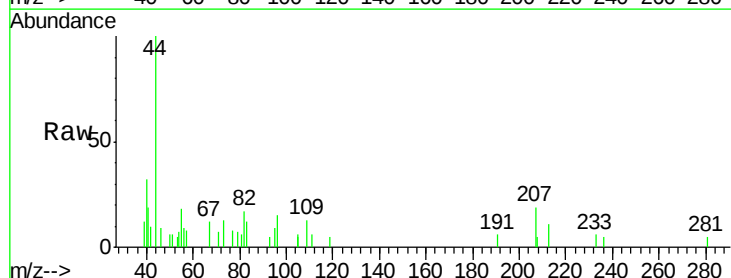
RT: 12.28 min Scan# 1191

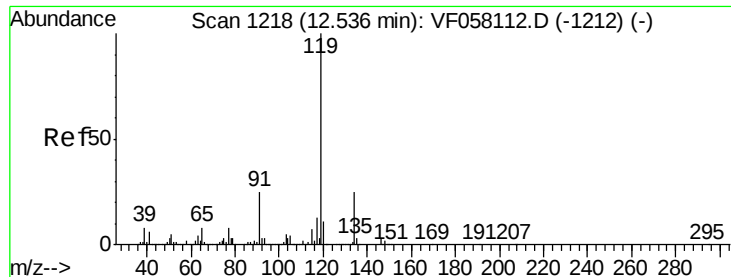
Delta R.T. -0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Tgt Ion:	105	Resp:	302
Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.7	74.1#

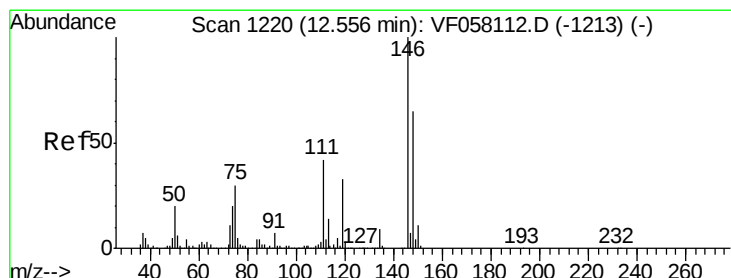
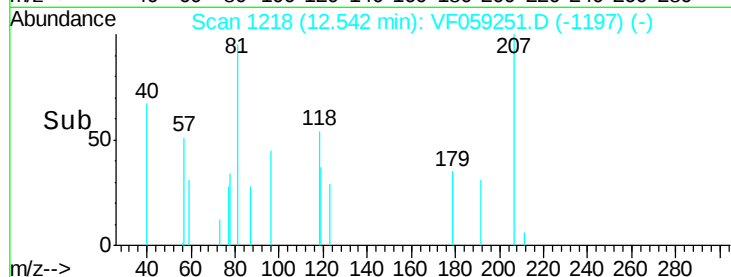
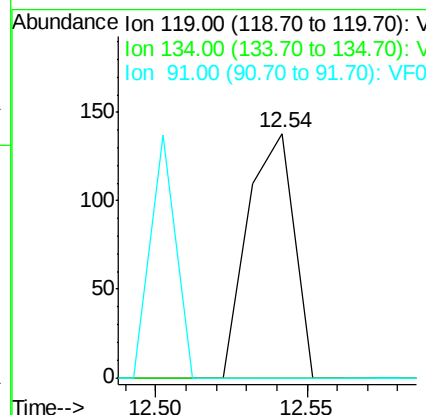
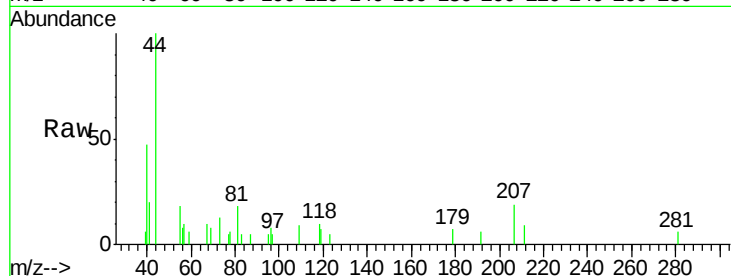




#86
p-Isopropyltoluene
Concen: 1.651 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. 0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

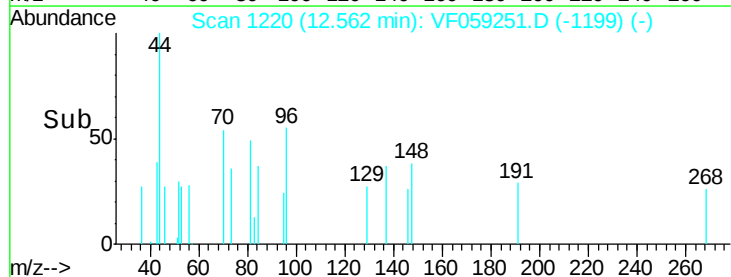
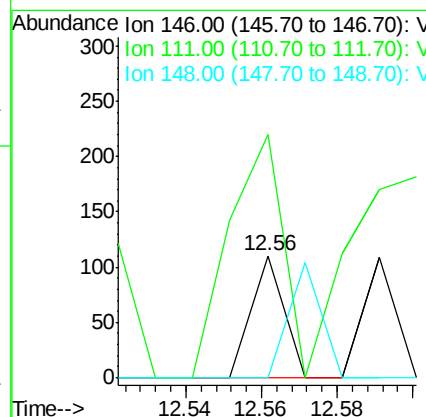
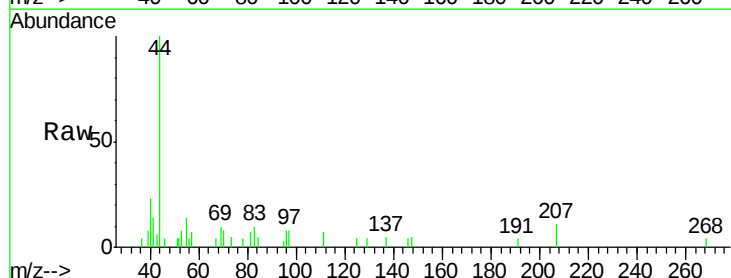
Instrument :
MSVOA_F
ClientSampled :

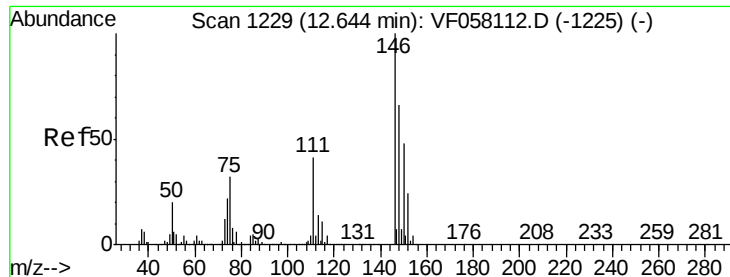
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.7	38.0#
91	0.0	12.6	37.6#



#87
1,3-Dichlorobenzene
Concen: 1.441 ug/l
RT: 12.56 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VF059251.D
Acq: 21 Jun 2018 4:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	200.0	20.8	62.5#
148	0.0	32.3	96.9#

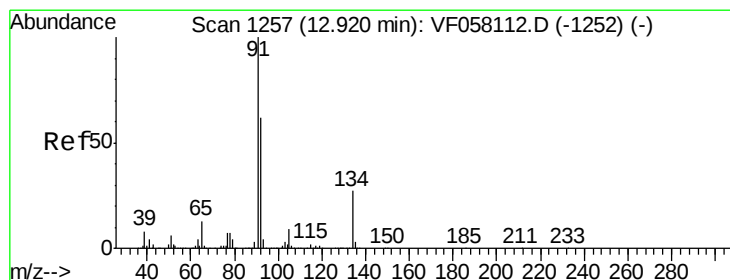
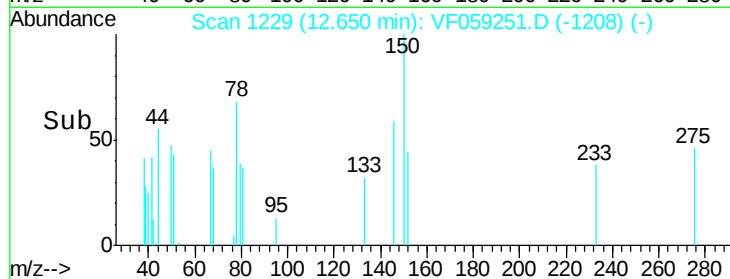
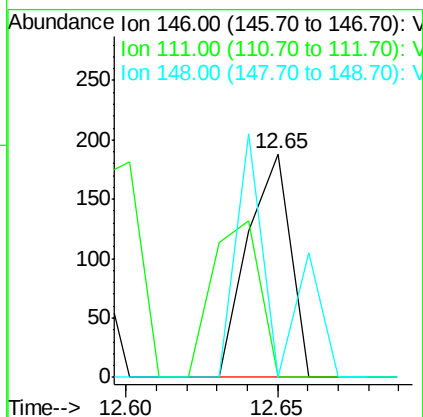
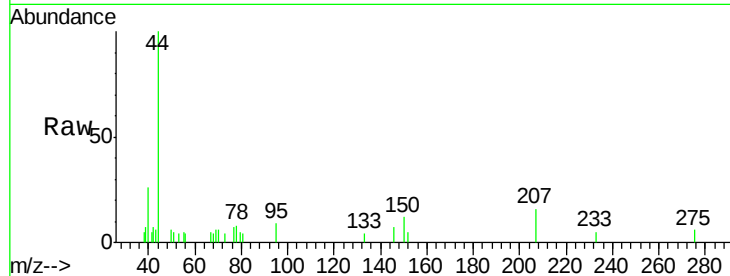




#88
 1,4-Dichlorobenzene
 Concen: 4.233 ug/l
 RT: 12.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VF059251.D
 Acq: 21 Jun 2018 4:51

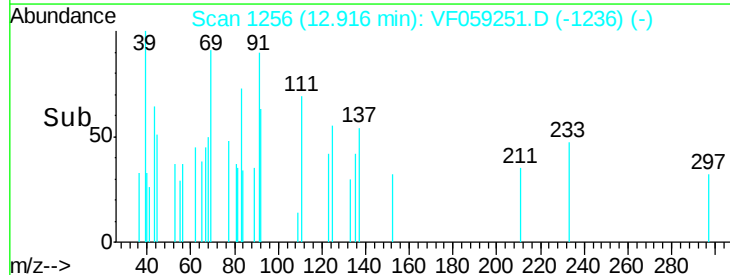
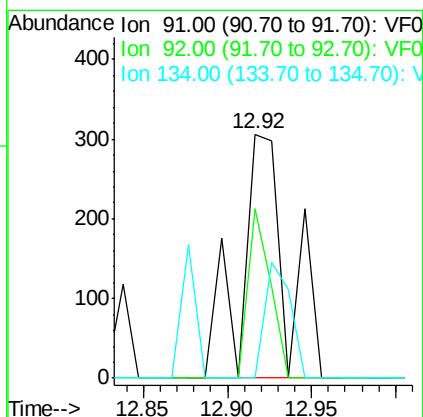
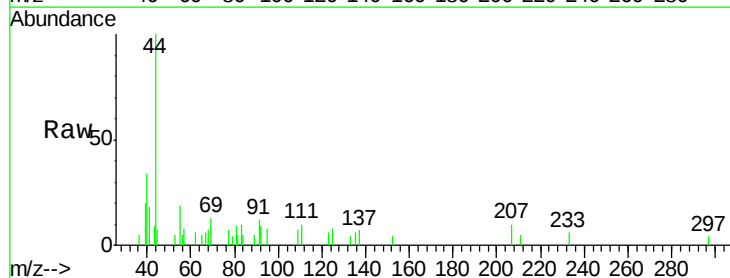
Instrument :
 MSVOA_F
 ClientSampled :

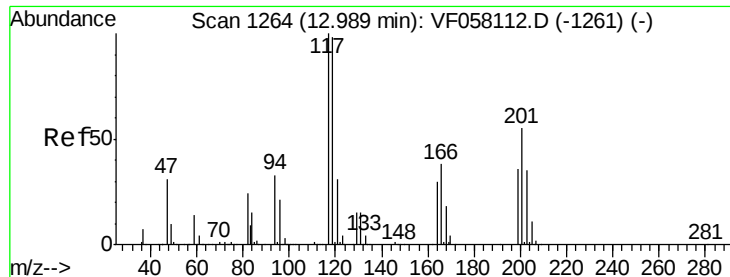
Tot Ion:146 Resp: 184
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.4 61.2#
 148 0.0 33.0 99.0#



#89
 n-Butylbenzene
 Concen: 4.946 ug/l
 RT: 12.92 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VF059251.D
 Acq: 21 Jun 2018 4:51

Tgt Ion: 91 Resp: 587
 Ion Ratio Lower Upper
 91 100
 92 69.3 31.1 93.5
 134 0.0 13.6 40.8#





#90

Hexachloroethane

Concen: 3.147 ug/l

RT: 12.86 min Scan# 1250

Delta R.T. -0.13 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

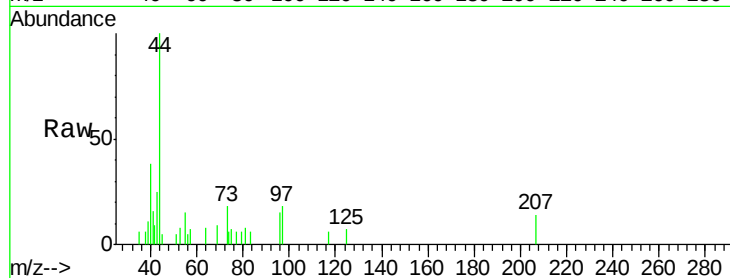
ClientSampled :

Tot Ion:117 Resp: 69

Ion Ratio Lower Upper

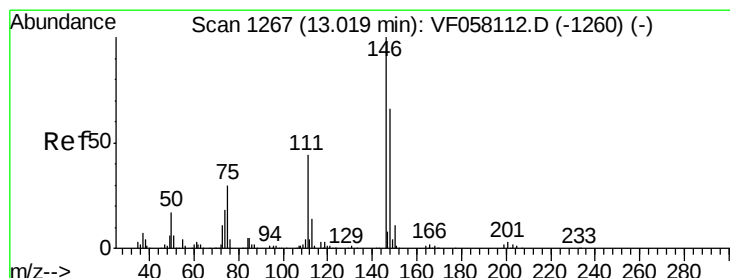
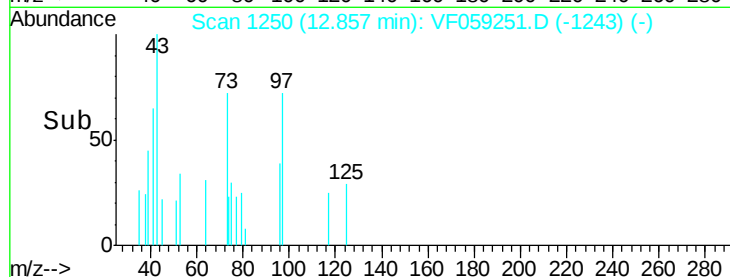
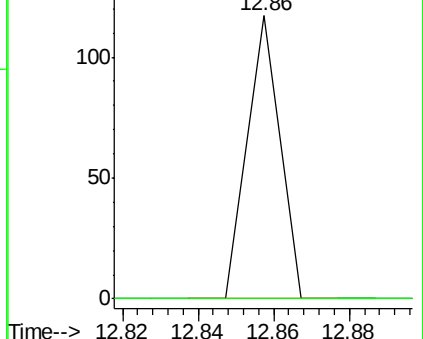
117 100

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



#91

1,2-Dichlorobenzene

Concen: 6.421 ug/l

RT: 13.02 min Scan# 1267

Delta R.T. 0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

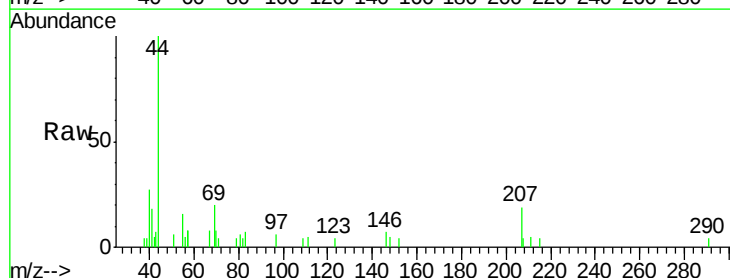
Tgt Ion:146 Resp: 279

Ion Ratio Lower Upper

146 100

111 67.3 22.0 66.0#

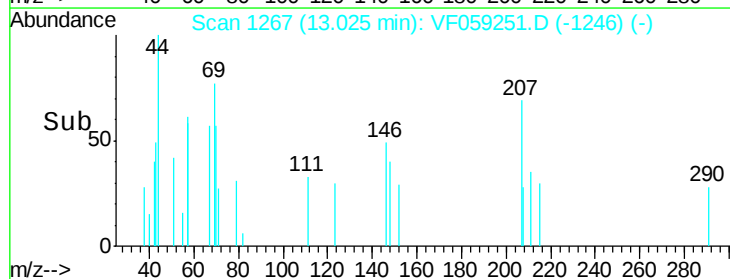
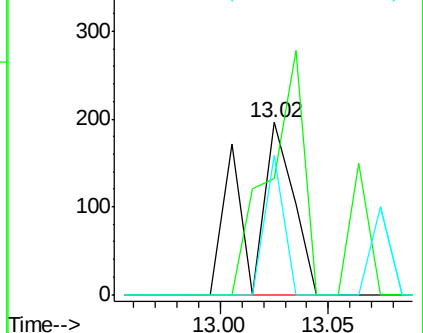
148 80.6 33.1 99.3

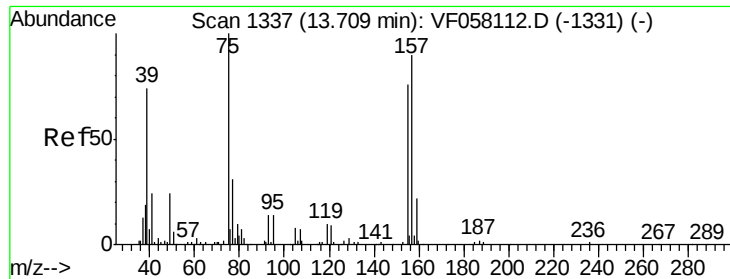


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 18.830 ug/l

RT: 13.73 min Scan# 1339

Delta R.T. 0.03 min

Lab File: VF059251.D

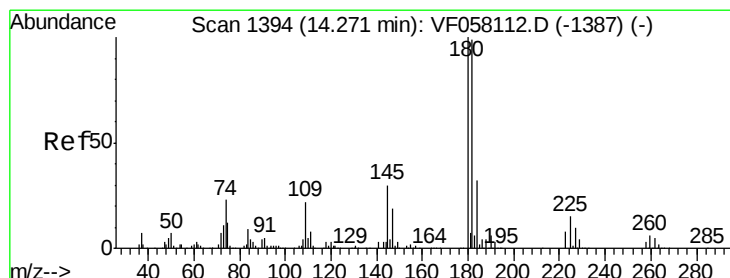
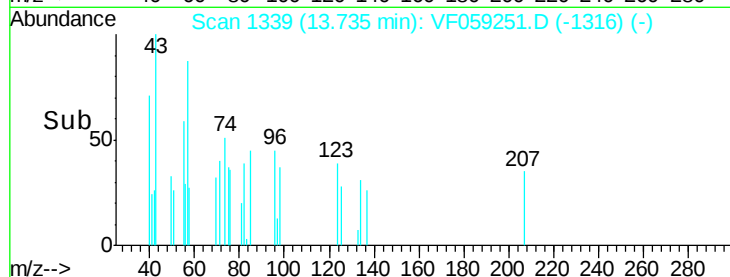
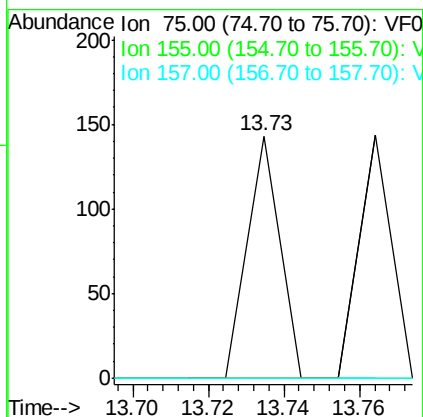
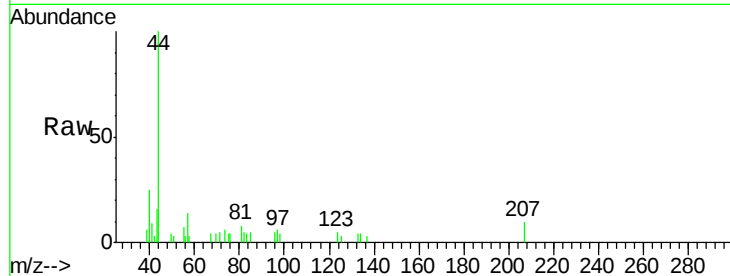
Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampleId :

Tot Ion:	75	Resp:	85
Ion Ratio	Lower	Upper	
75	100		
155	0.0	38.0	114.0#
157	0.0	45.1	135.5#



#93

1,2,4-Trichlorobenzene

Concen: 2.534 ug/l

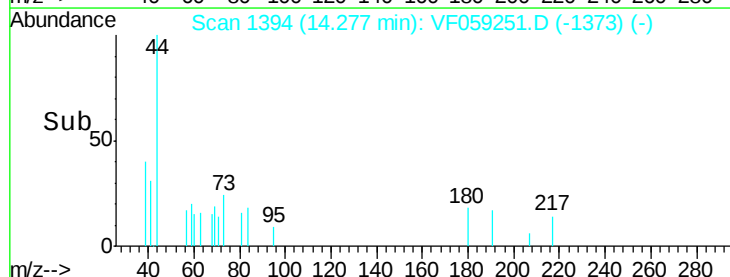
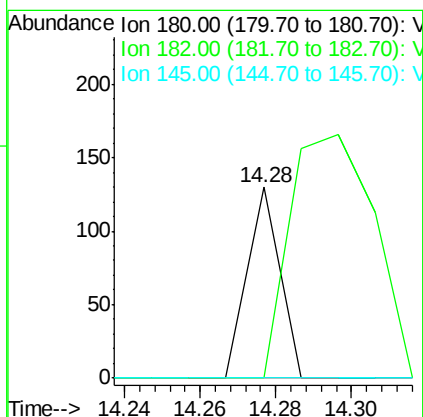
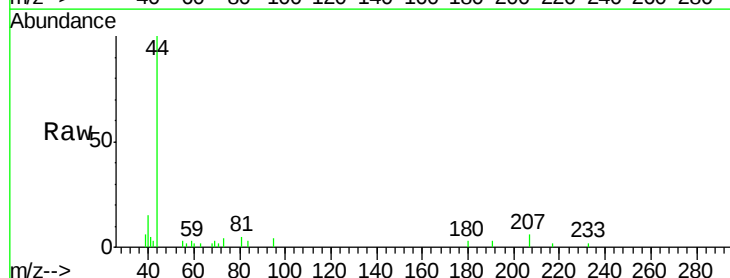
RT: 14.28 min Scan# 1394

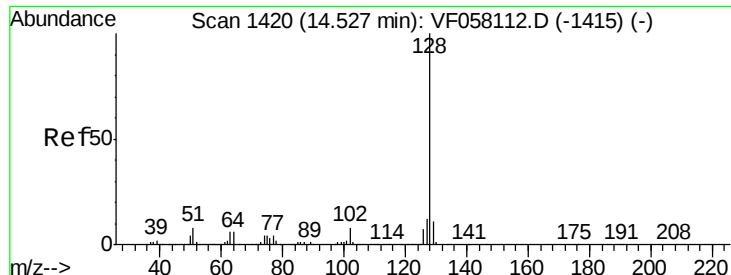
Delta R.T. 0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Tgt Ion:	180	Resp:	77
Ion Ratio	Lower	Upper	
180	100		
182	0.0	49.3	147.9#
145	0.0	14.9	44.9#





#95

Naphthalene

Concen: 8.119 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.00 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

Instrument :

MSVOA_F

ClientSampled :

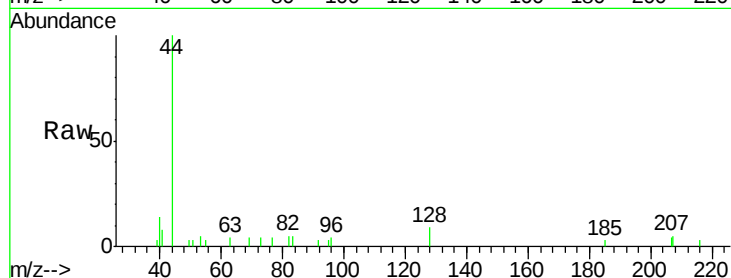
Tot Ion:128 Resp: 527

Ion Ratio Lower Upper

128 100

127 0.0 9.9 14.9#

129 0.0 8.7 13.1#

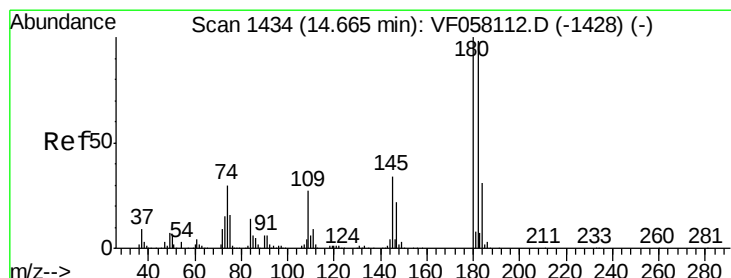
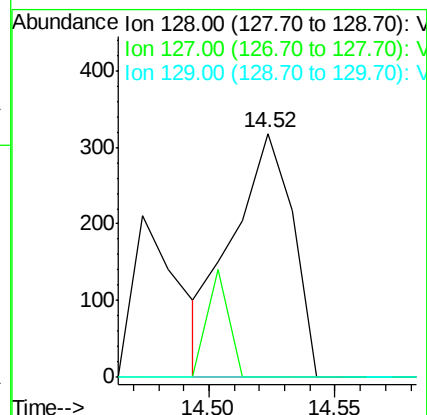
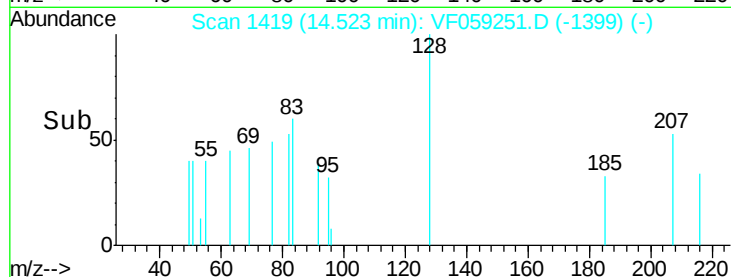


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

14.52



#96

1,2,3-Trichlorobenzene

Concen: 7.122 ug/l

RT: 14.67 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VF059251.D

Acq: 21 Jun 2018 4:51

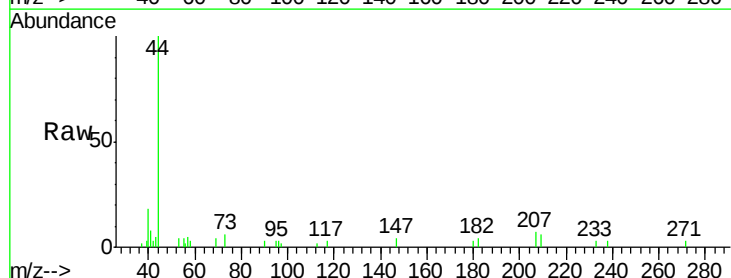
Tgt Ion:180 Resp: 200

Ion Ratio Lower Upper

180 100

182 119.7 48.9 146.6

145 0.0 17.3 51.7#



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

14.67

