

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008777.D
 Acq On : 21 Feb 2019 18:37
 Operator : SY/VA
 Sample : K1538-07
 Misc : 5.97G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-11-A-D

Quant Time: Feb 22 01:17:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	361910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	556317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	482057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	235443	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	189838	55.93	ug/l	0.00
Spiked Amount			Recovery	=	111.86%	
35) Dibromofluoromethane	7.88	113	173039	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
50) Toluene-d8	10.32	98	655202	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	223594	44.29	ug/l	0.00
Spiked Amount			Recovery	=	88.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	226	0.062	ug/l #	42
3) Chloromethane	2.22	50	632	0.143	ug/l	90
4) Vinyl Chloride	2.36	62	76	0.016	ug/l #	44
5) Bromomethane	2.76	94	470	0.135	ug/l	94
6) Chloroethane	2.90	64	144	0.043	ug/l #	17
7) Trichlorofluoromethane	3.25	101	225	0.038	ug/l #	31
9) 1,1,2-Trichlorotrifluoroet	3.81	101	20	0.006	ug/l #	16
10) Methyl Iodide	4.28	142	773	0.172	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	30	0.009	ug/l #	1
14) Allyl chloride	4.67	41	231	0.042	ug/l #	63
15) Acrylonitrile	5.37	53	247	0.308	ug/l #	54
16) Acetone	4.13	43	44825	56.972	ug/l	94
17) Carbon Disulfide	4.37	76	790	0.075	ug/l #	73
19) Methyl tert-butyl Ether	5.43	73	325	0.038	ug/l #	1
21) trans-1,2-Dichloroethene	5.43	96	100	0.027	ug/l #	1
22) Diisopropyl ether	6.31	45	143	0.013	ug/l #	52
23) Vinyl Acetate	6.26	43	299	0.044	ug/l #	73
24) 1,1-Dichloroethane	6.21	63	26	0.004	ug/l #	82
26) 2,2-Dichloropropane	7.15	77	514	0.090	ug/l #	74
27) cis-1,2-Dichloroethene	7.18	96	41	0.010	ug/l #	1
28) Bromochloromethane	7.49	49	52	0.020	ug/l #	11
29) Tetrahydrofuran	7.52	42	628	0.896	ug/l #	9
30) Chloroform	7.45	83	37	0.006	ug/l	94
32) 1,1,1-Trichloroethane	7.92	97	27	0.005	ug/l #	24
39) Methylcyclohexane	9.34	83	3890	0.576	ug/l #	87
40) Benzene	8.32	78	42773	2.893	ug/l	96
41) Methacrylonitrile	7.49	41	187	0.126	ug/l #	1
42) 1,2-Dichloroethane	8.40	62	735	0.157	ug/l #	75
43) Isopropyl Acetate	8.42	43	536	0.107	ug/l #	52
44) Trichloroethene	9.09	130	67	0.016	ug/l	3
45) 1,2-Dichloropropane	9.35	63	26	0.007	ug/l #	43
46) Dibromomethane	9.55	93	38	0.019	ug/l #	12
47) Bromodichloromethane	9.64	83	335	0.068	ug/l #	24
48) Methyl methacrylate	9.43	41	233	0.097	ug/l #	13

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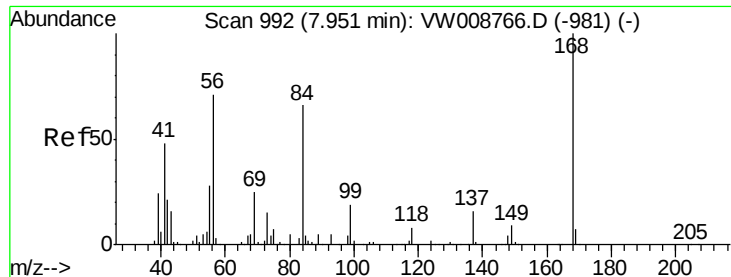
Instrument :
 MSVOA_W
 ClientSampleId :
 M-11-A-D

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

49) 1,4-Dioxane	9.40	88	29	0.891	ug/l #	1
51) 4-Methyl-2-Pentanone	10.19	43	286	0.112	ug/l #	38
52) Toluene	10.39	92	112099	11.171	ug/l	99
53) t-1,3-Dichloropropene	10.68	75	68	0.013	ug/l #	21
54) cis-1,3-Dichloropropene	10.08	75	79	0.014	ug/l #	17
55) 1,1,2-Trichloroethane	10.77	97	1359	0.493	ug/l #	23
56) Ethyl methacrylate	10.67	69	394	0.110	ug/l #	68
57) 1,3-Dichloropropane	10.93	76	83	0.017	ug/l #	61
58) 2-Chloroethyl Vinyl ether	9.87	63	191	0.106	ug/l #	45
59) 2-Hexanone	11.21	43	86	0.047	ug/l	67
60) Dibromochloromethane	11.19	129	28	0.008	ug/l #	10
61) 1,2-Dibromoethane	11.43	107	23	0.008	ug/l #	2
65) Chlorobenzene	11.66	112	61	0.006	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	11.77	131	22	0.006	ug/l #	27
67) Ethyl Benzene	11.73	91	23679	1.307	ug/l	95
68) m/p-Xylenes	11.83	106	17557	2.425	ug/l	100
69) o-Xylene	12.16	106	7423	1.092	ug/l	96
70) Styrene	12.18	104	504	0.046	ug/l #	1
71) Bromoform	12.62	173	1050	0.570	ug/l #	29
73) Isopropylbenzene	12.47	105	1525	0.094	ug/l	96
74) N-amyl acetate	12.26	43	869	0.214	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.69	83	75	0.028	ug/l #	25
77) Bromobenzene	12.75	156	82	0.021	ug/l #	1
78) n-propylbenzene	12.80	91	4141	0.210	ug/l	95
79) 2-Chlorotoluene	12.87	91	2957	0.264	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.94	105	3690	0.263	ug/l	97
82) 4-Chlorotoluene	13.00	91	315	0.027	ug/l #	69
83) tert-Butylbenzene	13.21	119	165	0.014	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.26	105	11756	0.810	ug/l	97
85) sec-Butylbenzene	13.39	105	939	0.054	ug/l	82
86) p-Isopropyltoluene	13.44	119	797	0.050	ug/l	96
87) 1,3-Dichlorobenzene	13.49	146	298	0.038	ug/l #	55
88) 1,4-Dichlorobenzene	13.57	146	989	0.127	ug/l #	1
89) n-Butylbenzene	13.83	91	803	0.054	ug/l #	77
90) Hexachloroethane	14.10	117	324	0.124	ug/l #	25
91) 1,2-Dichlorobenzene	13.87	146	340	0.048	ug/l	74
92) 1,2-Dibromo-3-Chloropropan	14.49	75	33	0.069	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.13	180	566	0.111	ug/l	96
94) Hexachlorobutadiene	15.25	225	87	0.029	ug/l #	68
95) Naphthalene	15.37	128	4062	0.470	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	381	0.087	ug/l #	61

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

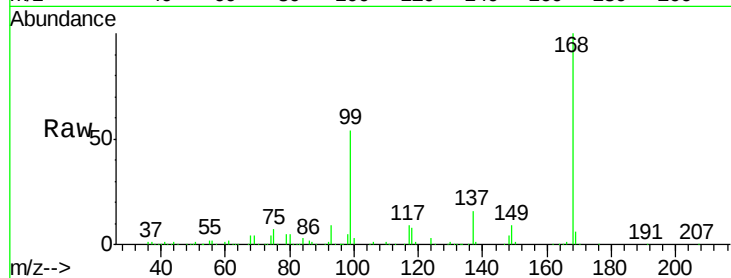
M-11-A-D

Tot Ion:168 Resp: 361910

Ion Ratio Lower Upper

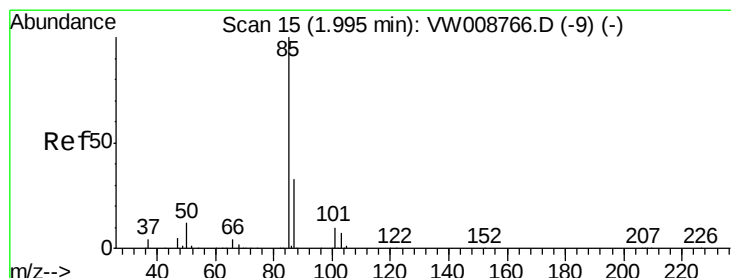
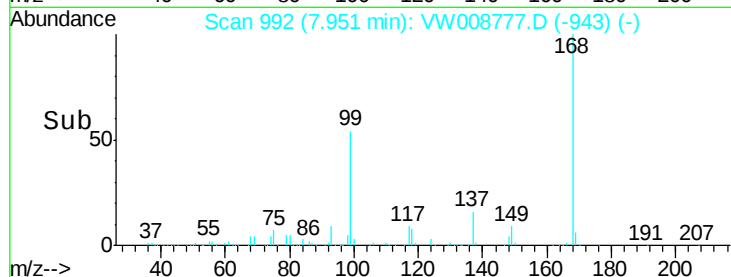
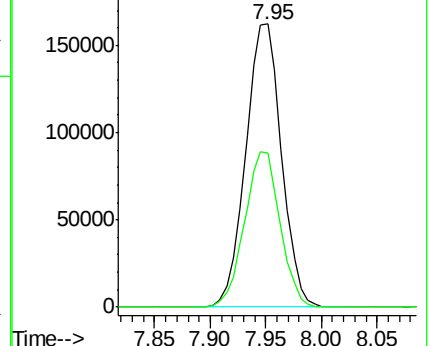
168 100

99 54.5 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 0.062 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008777.D

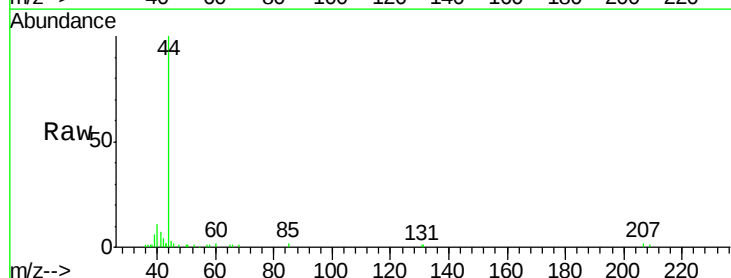
Acq: 21 Feb 2019 18:37

Tgt Ion: 85 Resp: 226

Ion Ratio Lower Upper

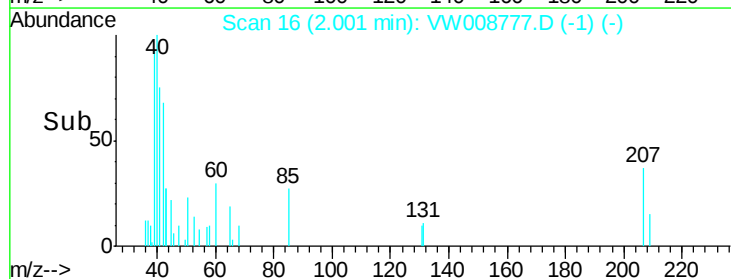
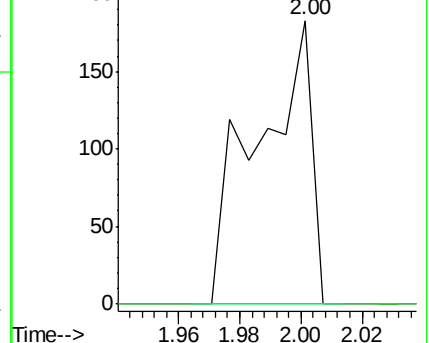
85 100

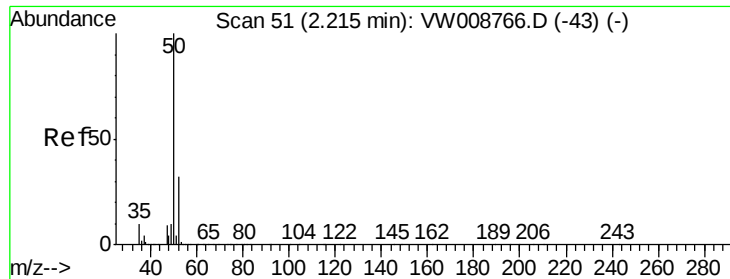
87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 0.143 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

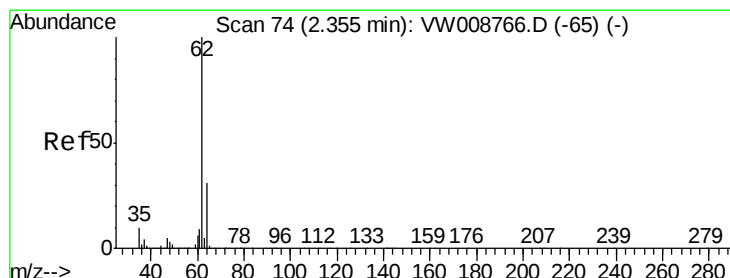
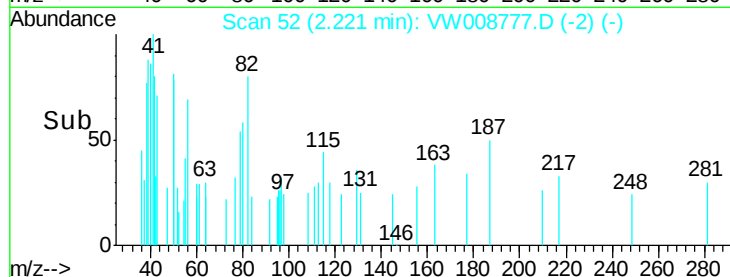
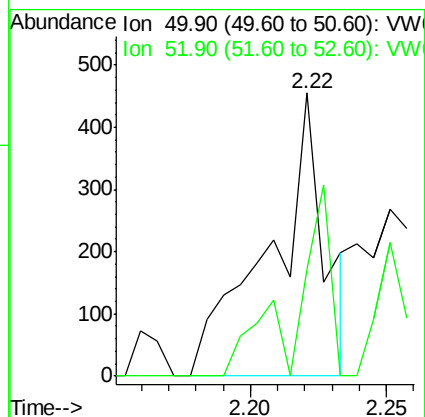
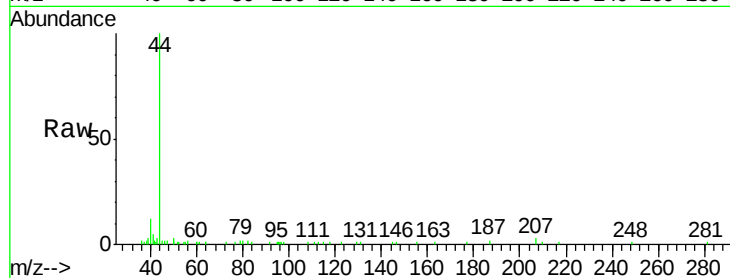
M-11-A-D

Tot Ion: 50 Resp: 632

Ion Ratio Lower Upper

50 100

52 37.8 25.9 38.9



#4

Vinyl Chloride

Concen: 0.016 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW008777.D

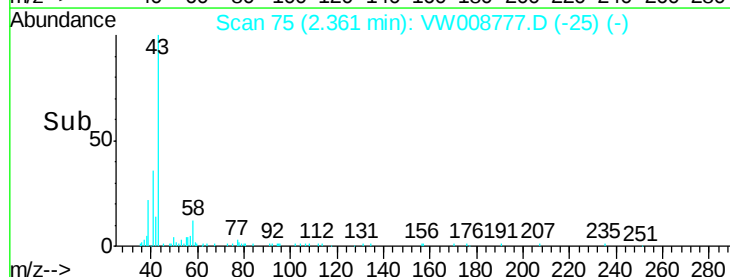
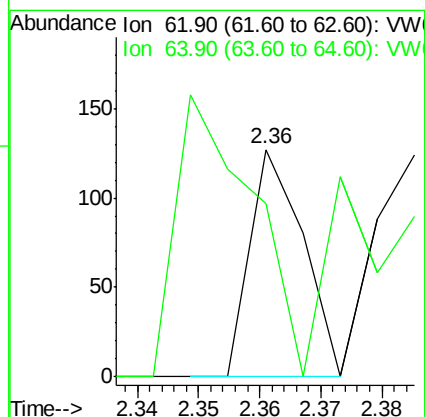
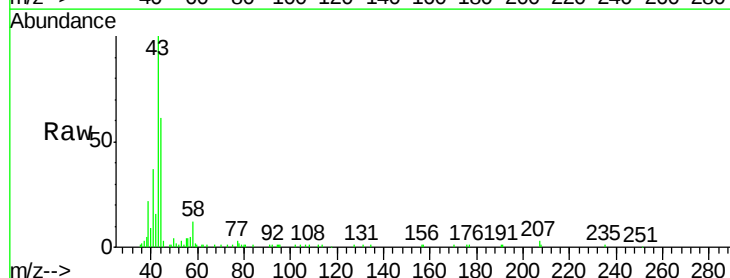
Acq: 21 Feb 2019 18:37

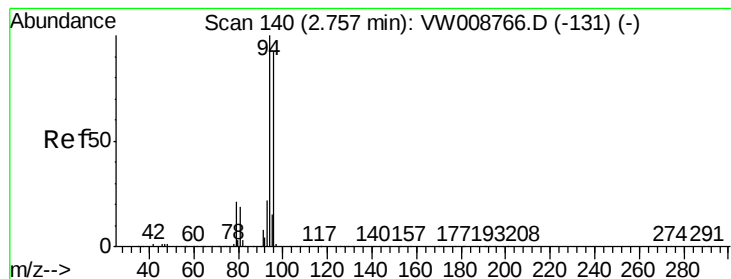
Tgt Ion: 62 Resp: 76

Ion Ratio Lower Upper

62 100

64 0.0 24.9 37.3#





#5

Bromomethane

Concen: 0.135 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.00 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

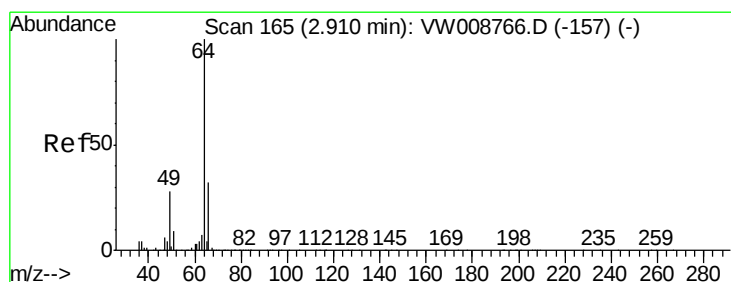
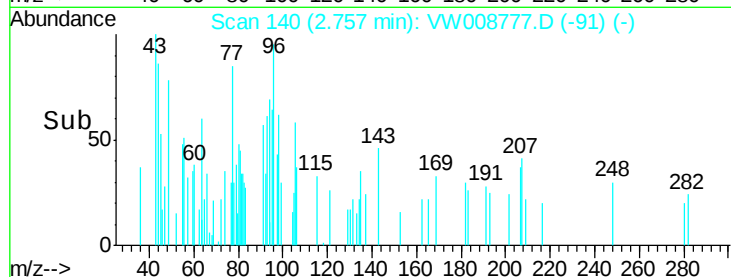
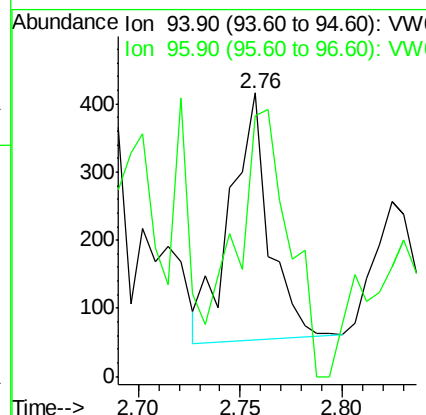
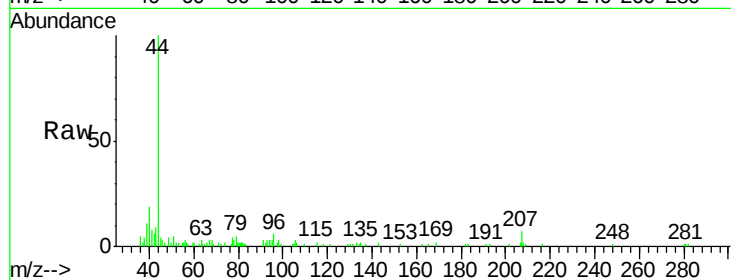
M-11-A-D

Tot Ion: 94 Resp: 470

Ion Ratio Lower Upper

94 100

96 86.4 73.4 110.2



#6

Chloroethane

Concen: 0.043 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW008777.D

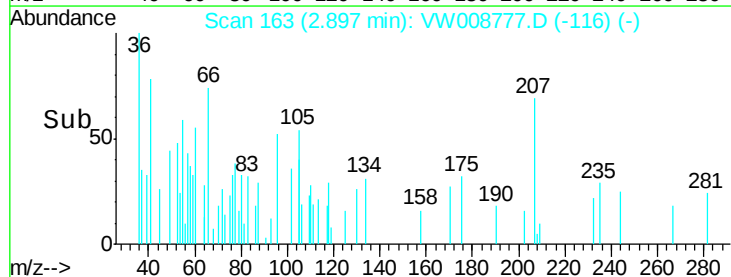
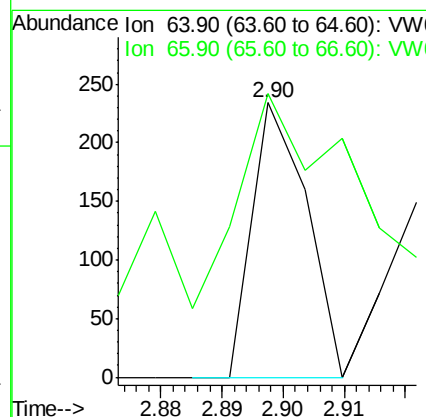
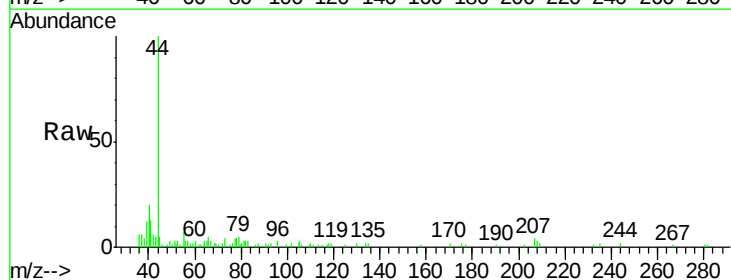
Acq: 21 Feb 2019 18:37

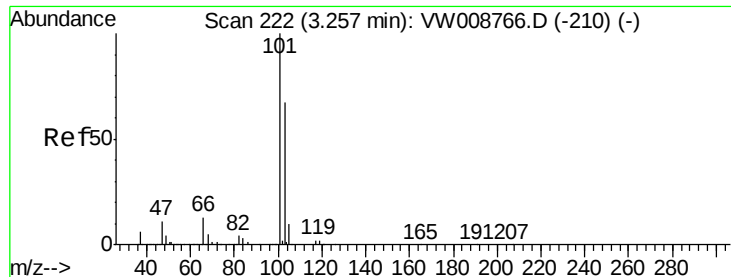
Tgt Ion: 64 Resp: 144

Ion Ratio Lower Upper

64 100

66 78.2 25.5 38.3#





#7

Trichlorofluoromethane

Concen: 0.038 ug/l

RT: 3.25 min Scan# 221

Delta R.T. -0.01 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

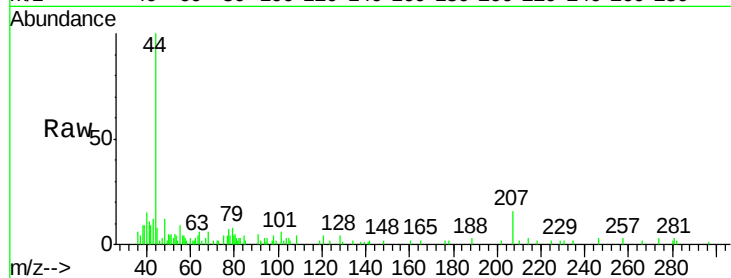
M-11-A-D

Tot Ion:101 Resp: 225

Ion Ratio Lower Upper

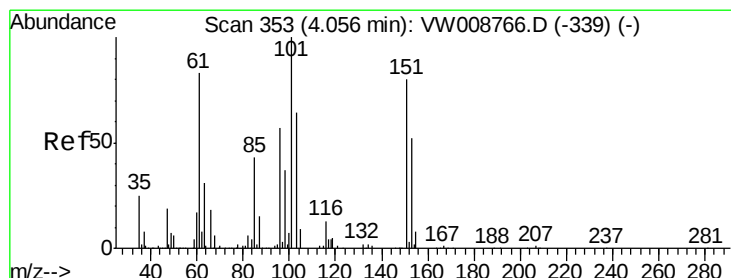
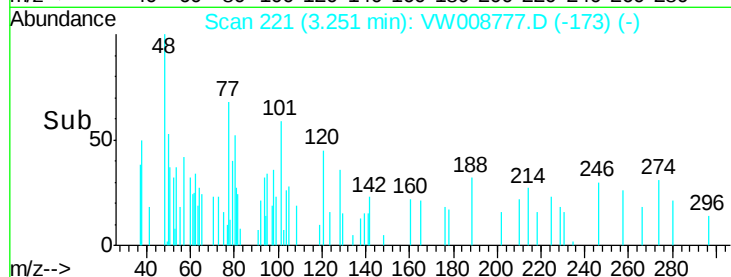
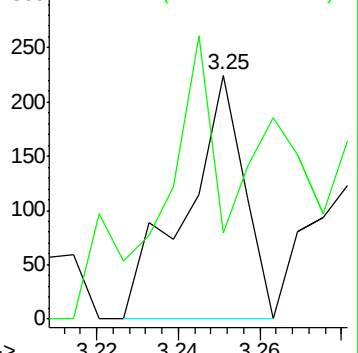
101 100

103 11.6 53.9 80.9#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.006 ug/l

RT: 3.81 min Scan# 313

Delta R.T. -0.24 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

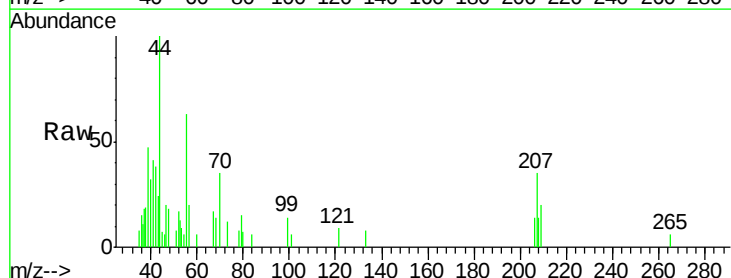
Tgt Ion:101 Resp: 20

Ion Ratio Lower Upper

101 100

85 0.0 36.0 54.0#

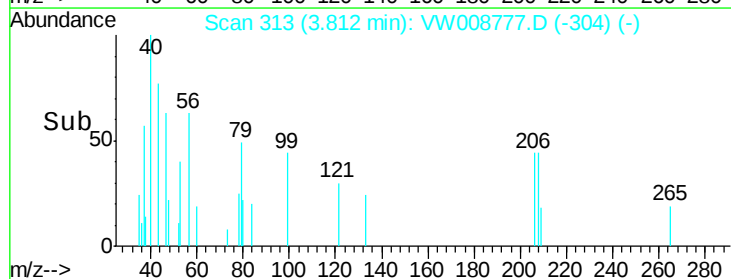
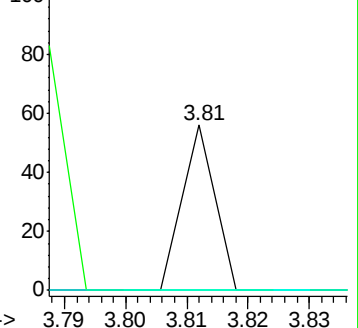
151 0.0 65.5 98.3#

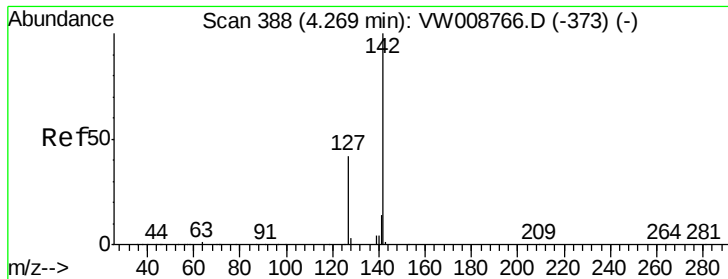


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV

Ion 150.80 (150.50 to 151.50): V

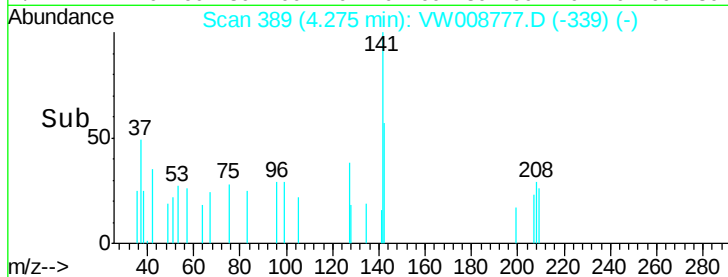
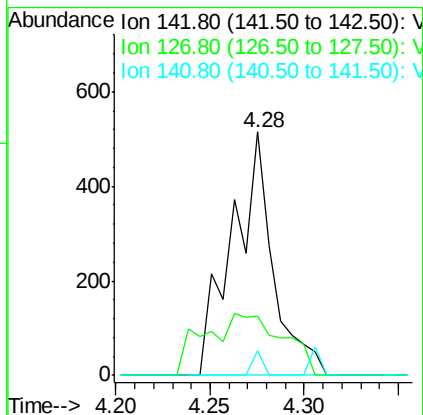
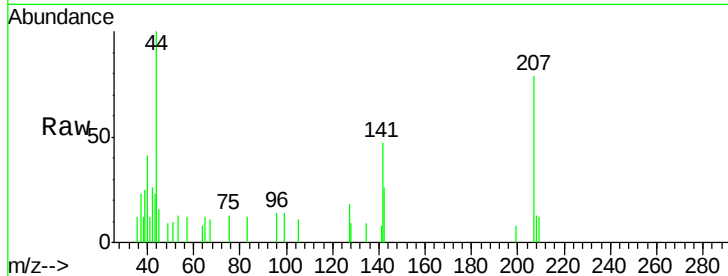




#10
Methvl Iodide
Concen: 0.172 ug/l
RT: 4.28 min Scan# 389
Delta R.T. 0.01 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

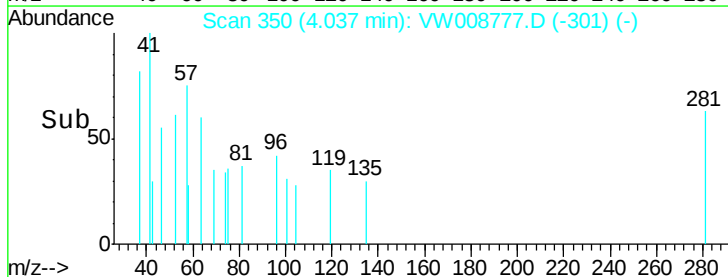
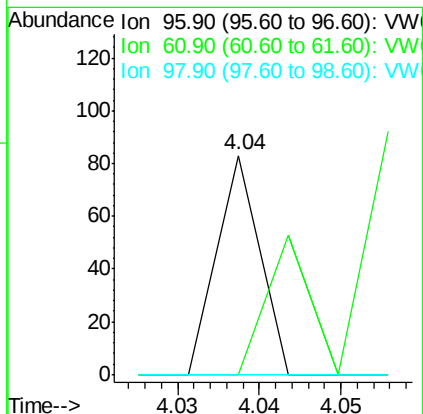
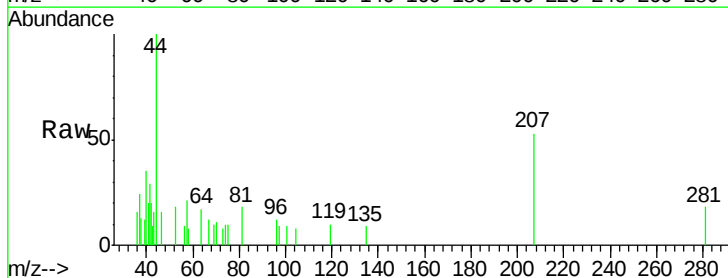
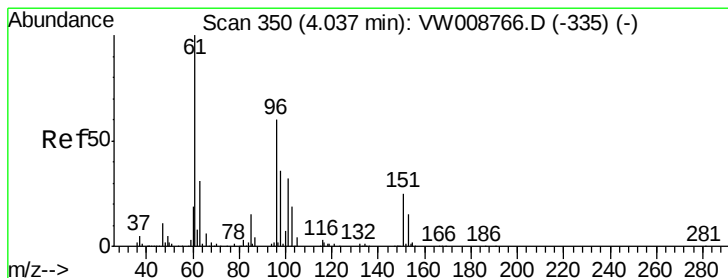
Instrument :
MSVOA_W
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M-11-A-D

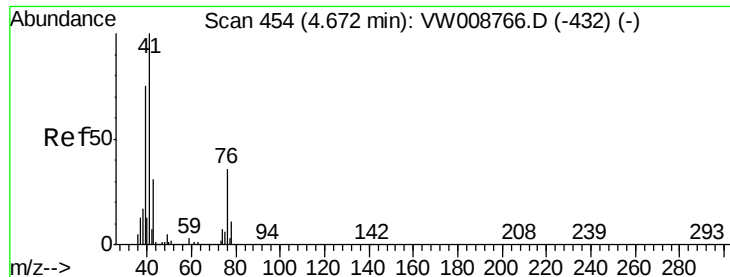
Tot Ion:142 Resp: 773
Ion Ratio Lower Upper
142 100
127 49.2 35.3 52.9
141 2.5 11.7 17.5#



#12
1,1-Dichloroethene
Concen: 0.009 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Tgt Ion: 96 Resp: 30
Ion Ratio Lower Upper
96 100
61 0.0 132.5 198.7#
98 0.0 48.2 72.4#

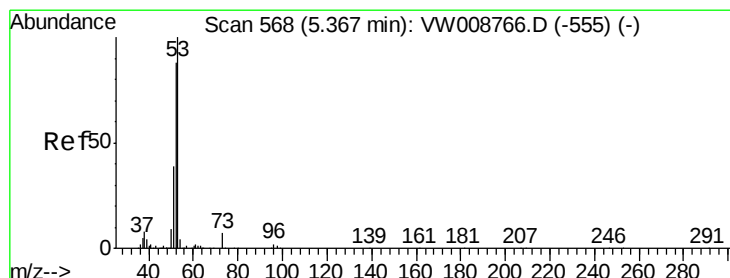
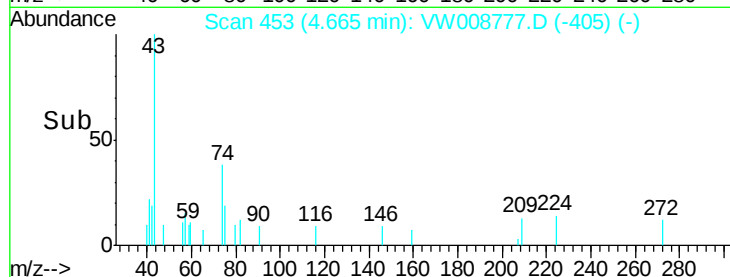
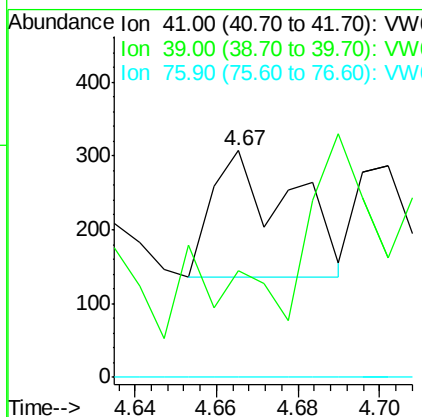
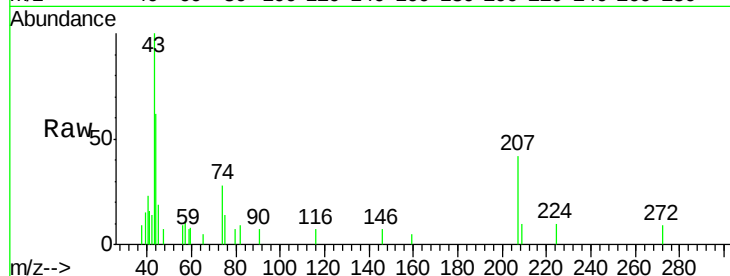




#14
Allvl chloride
Concen: 0.042 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

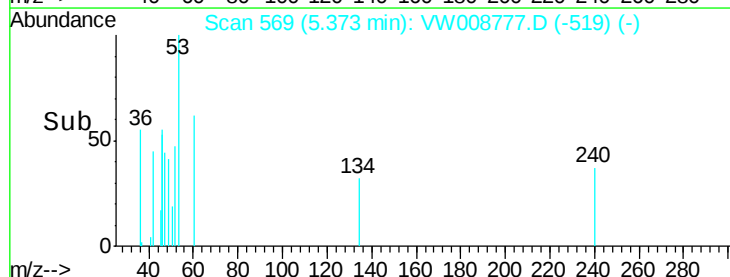
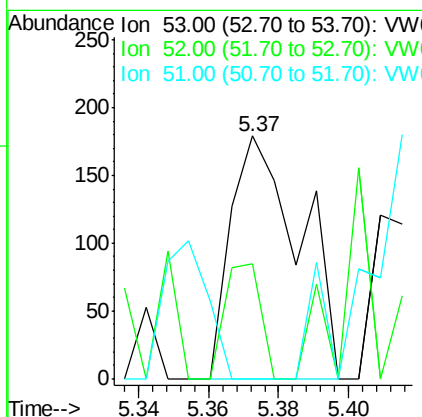
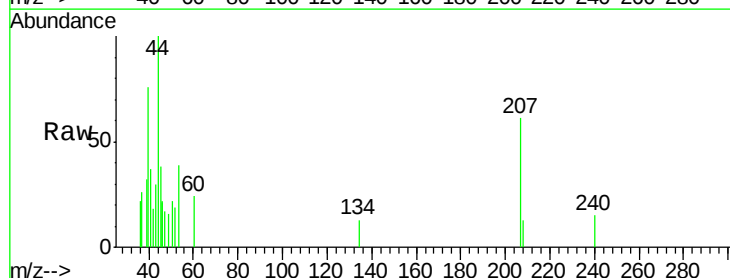
Instrument :
MSVOA_W
ClientSampled :
M-11-A-D

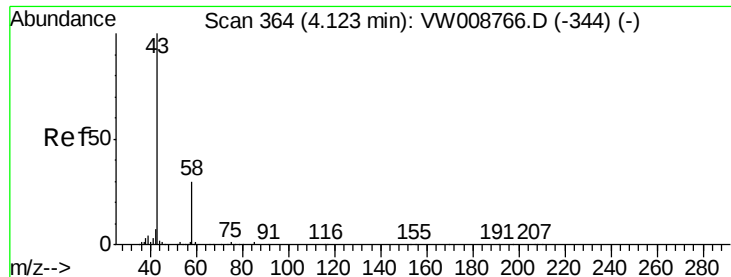
Tot Ion: 41 Resp: 231
Ion Ratio Lower Upper
41 100
39 53.2 60.6 91.0#
76 0.0 28.6 42.8#



#15
Acrylonitrile
Concen: 0.308 ug/l
RT: 5.37 min Scan# 569
Delta R.T. 0.01 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Tgt Ion: 53 Resp: 247
Ion Ratio Lower Upper
53 100
52 24.7 67.2 100.8#
51 36.4 31.1 46.7





#16

Acetone

Concen: 56.972 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

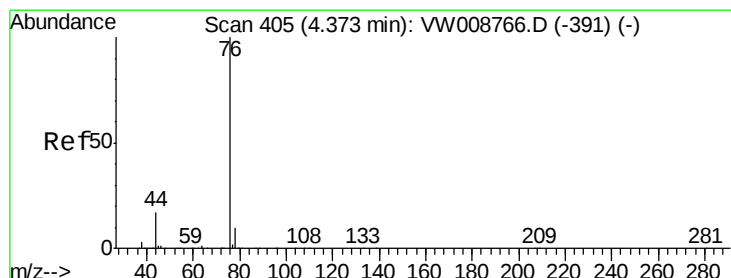
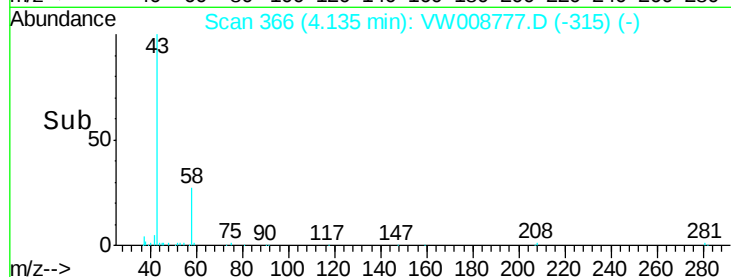
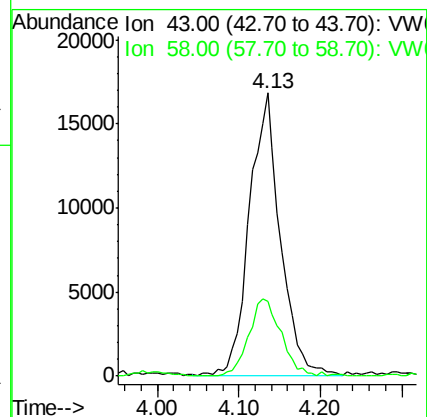
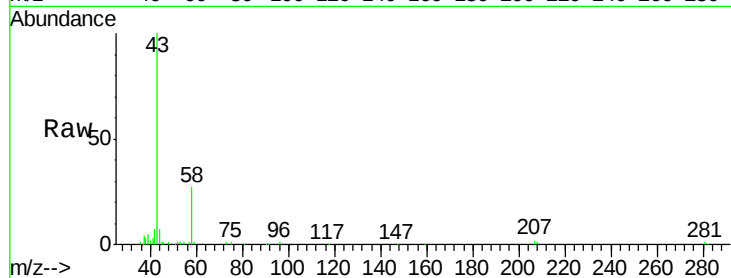
M-11-A-D

Tot Ion: 43 Resp: 44825

Ion Ratio Lower Upper

43 100

58 26.2 23.8 35.6



#17

Carbon Disulfide

Concen: 0.075 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008777.D

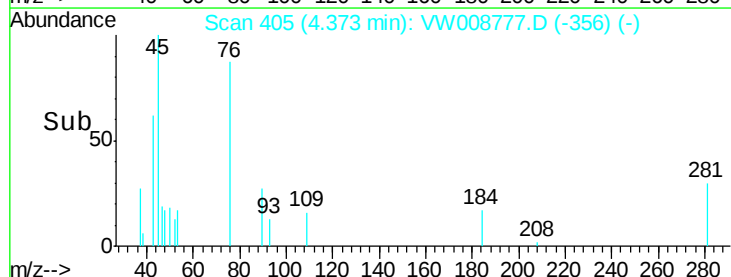
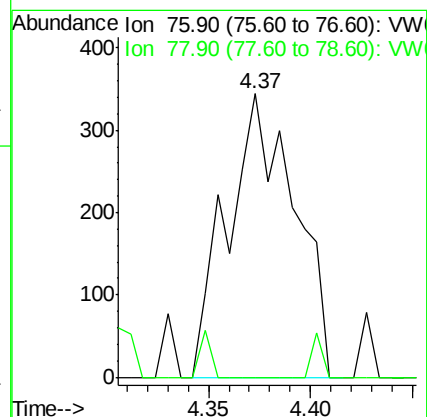
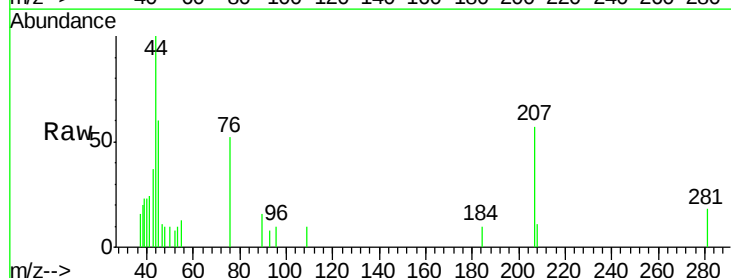
Acq: 21 Feb 2019 18:37

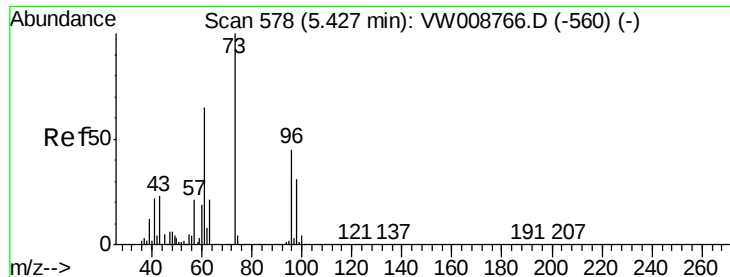
Tgt Ion: 76 Resp: 790

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.8#



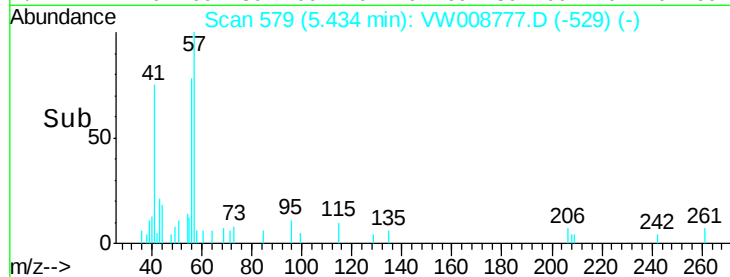
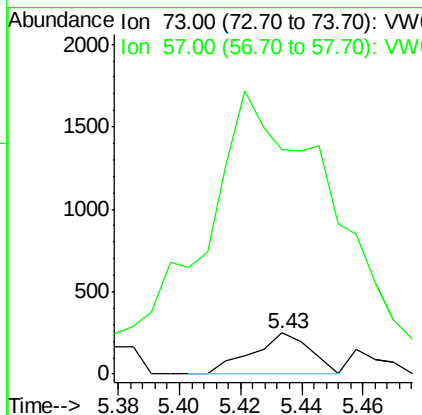
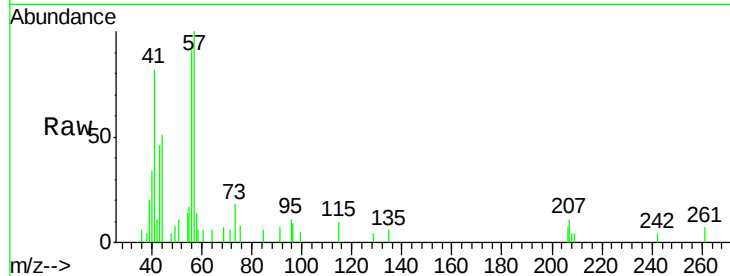


#19

Methvl tert-butvl Ether
 Concen: 0.038 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW008777.D
 Acq: 21 Feb 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 M-11-A-D

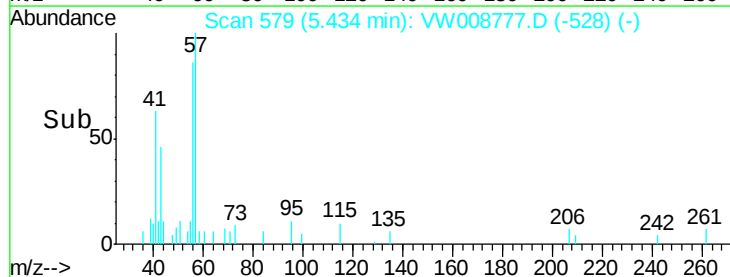
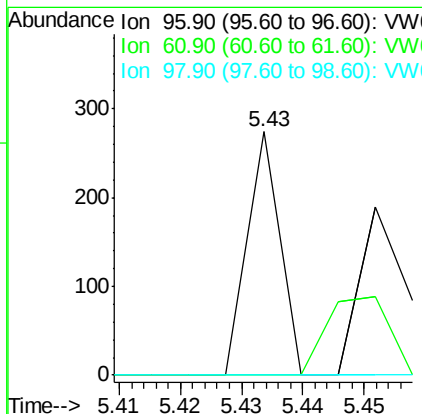
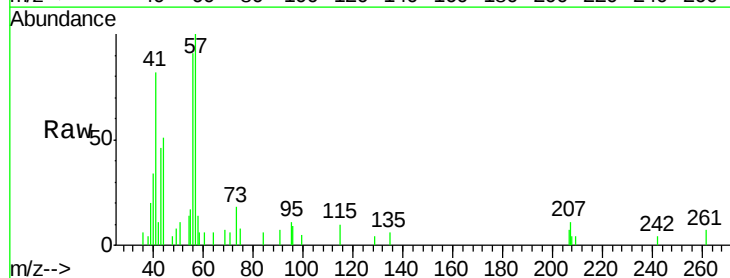
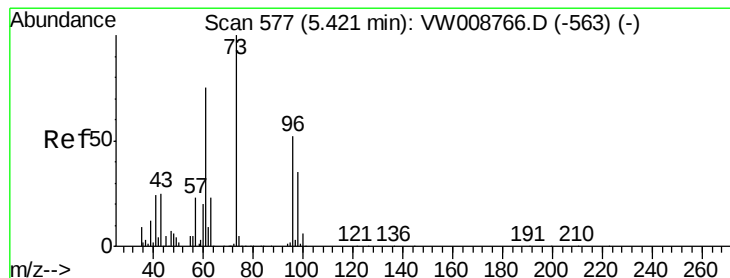
Tot Ion: 73 Resp: 325
 Ion Ratio Lower Upper
 73 100
 57 285.3 16.8 25.2#

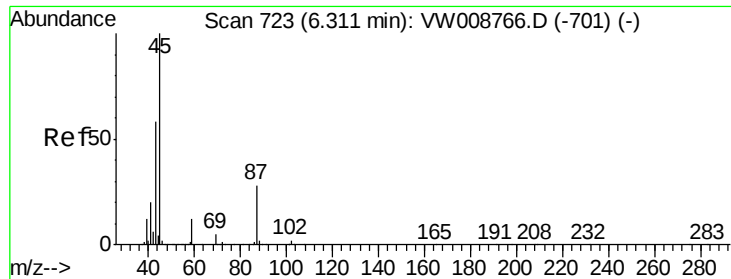


#21

trans-1,2-Dichloroethene
 Concen: 0.027 ug/l
 RT: 5.43 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: VW008777.D
 Acq: 21 Feb 2019 18:37

Tgt Ion: 96 Resp: 100
 Ion Ratio Lower Upper
 96 100
 61 0.0 114.6 171.8#
 98 0.0 54.0 81.0#

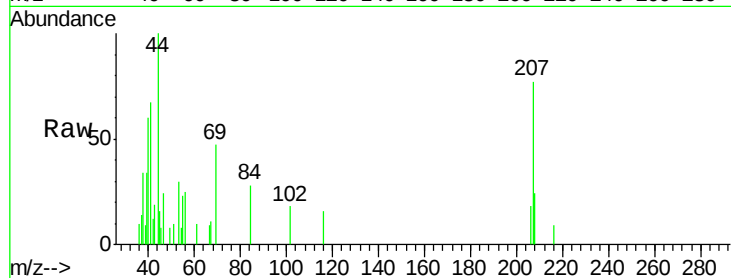




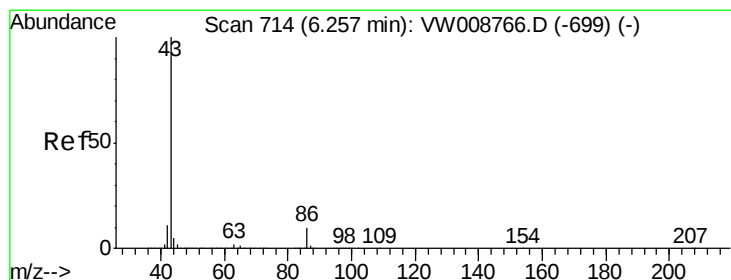
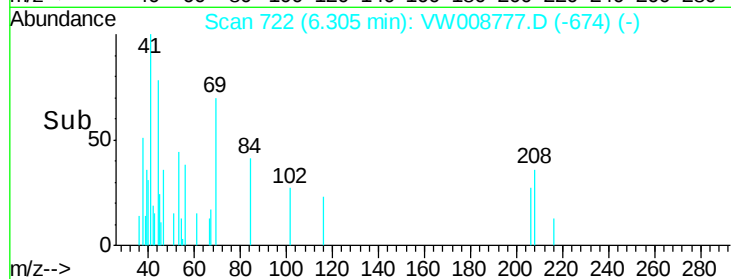
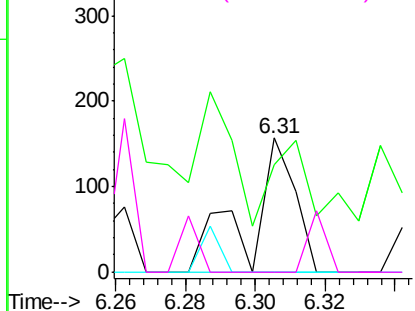
#22
Diisopropyl ether
Concen: 0.013 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.01 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
M-11-A-D

Tot Ion: 45 Resp: 143
Ion Ratio Lower Upper
45 100
43 21.0 46.1 69.1#
87 0.0 22.2 33.4#
59 0.0 10.0 15.0#

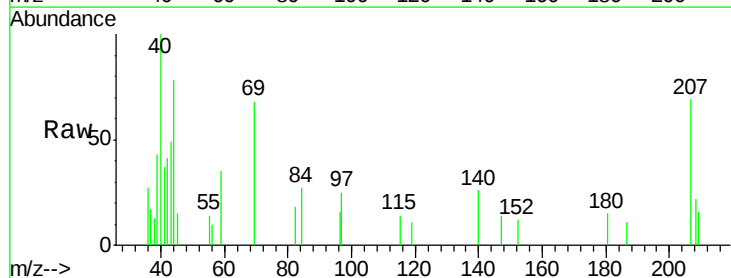


Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW

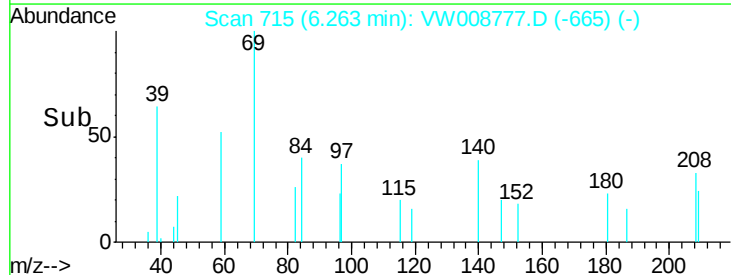
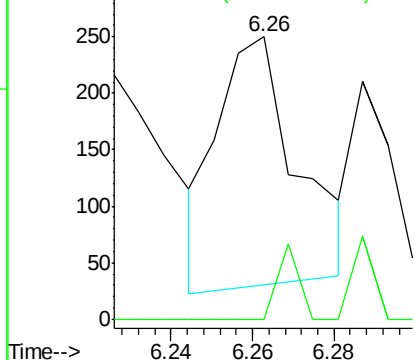


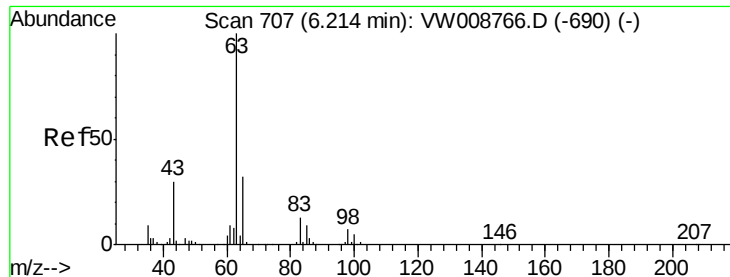
#23
Vinyl Acetate
Concen: 0.044 ug/l
RT: 6.26 min Scan# 715
Delta R.T. 0.01 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Tgt Ion: 43 Resp: 299
Ion Ratio Lower Upper
43 100
86 0.0 8.1 12.1#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW





#24

1,1-Dichloroethane

Concen: 0.004 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

M-11-A-D

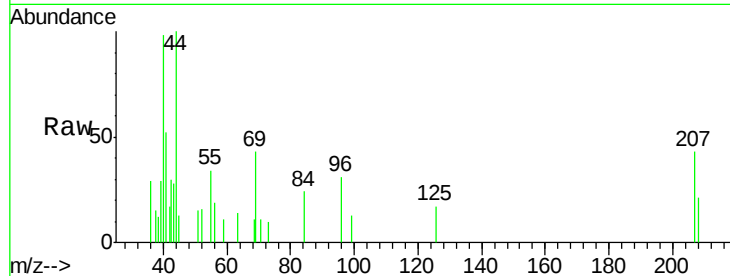
Tot Ion: 63 Resp: 26

Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.6#

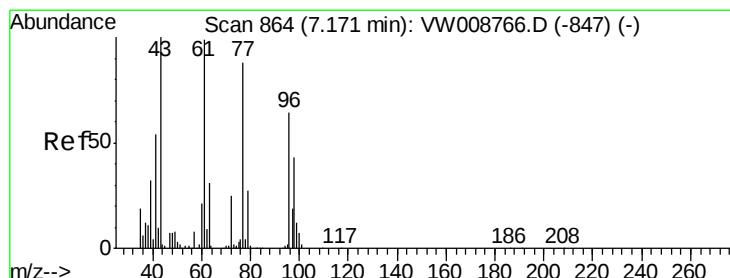
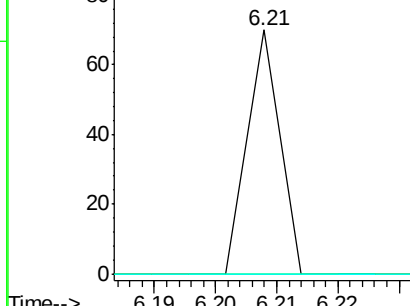
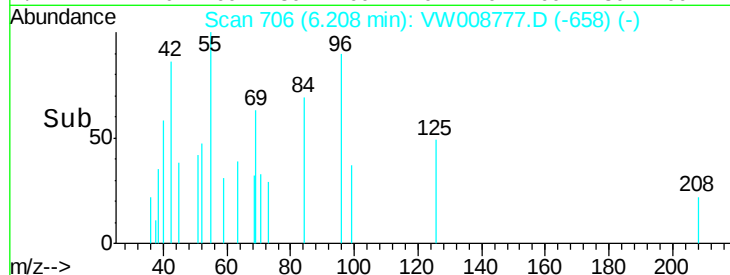
100 0.0 2.4 7.2#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



#26

2,2-Dichloropropane

Concen: 0.090 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW008777.D

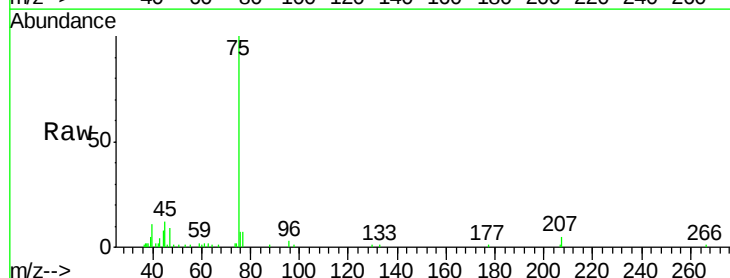
Acq: 21 Feb 2019 18:37

Tgt Ion: 77 Resp: 514

Ion Ratio Lower Upper

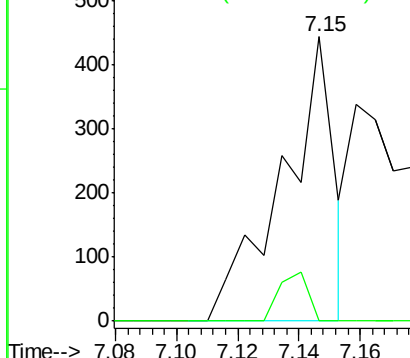
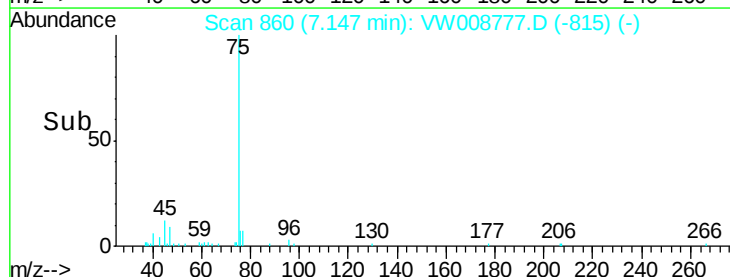
77 100

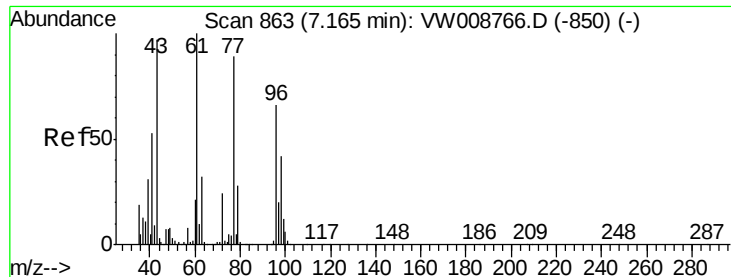
97 9.5 11.0 33.0#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



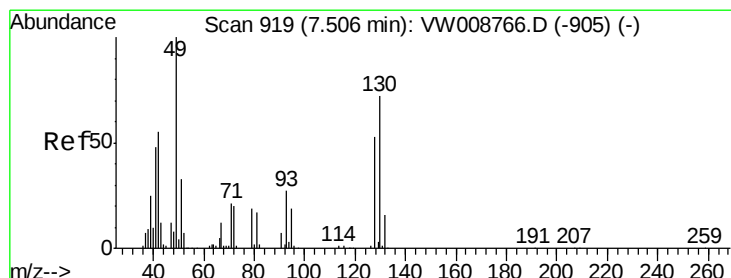
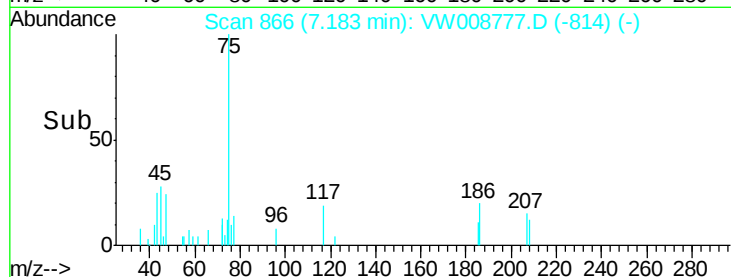
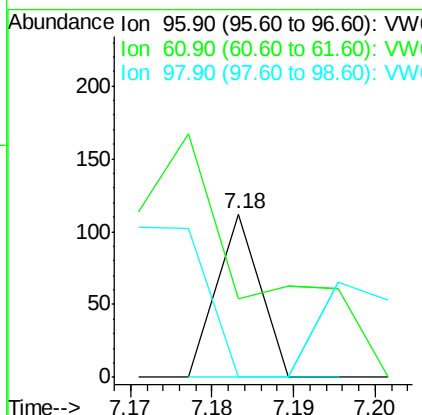
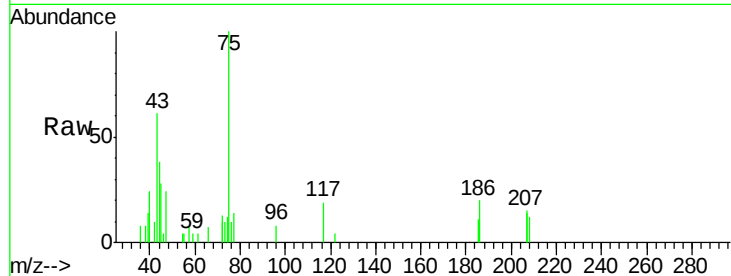


#27

cis-1,2-Dichloroethene
Concen: 0.010 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.02 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Instrument :
MSVOA_W
ClientSampled :
M-11-A-D

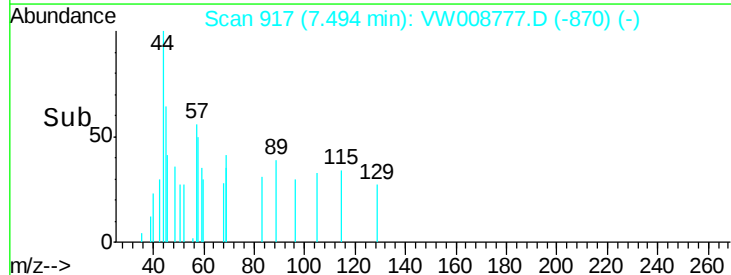
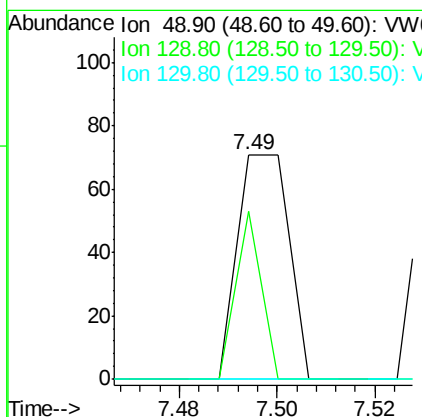
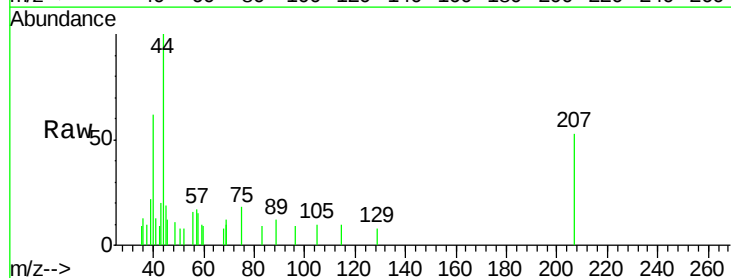
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	302.6
98	182.9	0.0	130.0#

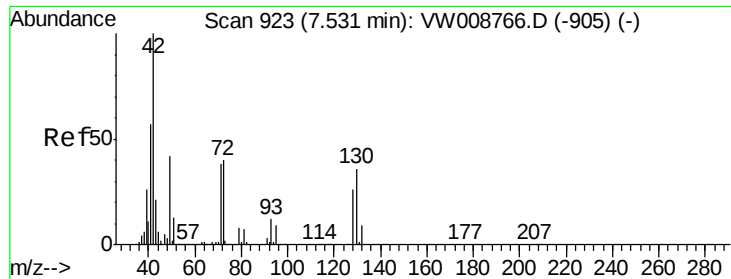


#28

Bromochloromethane
Concen: 0.020 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	36.5	0.0	2.6#
130	0.0	61.3	91.9#

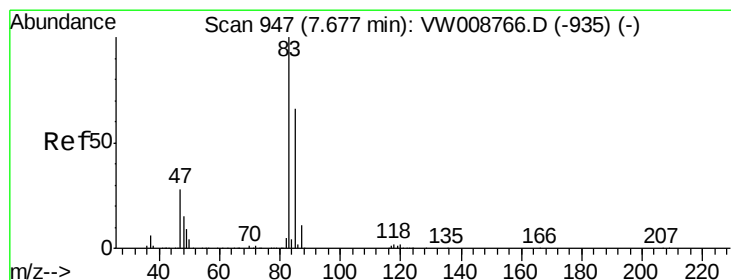
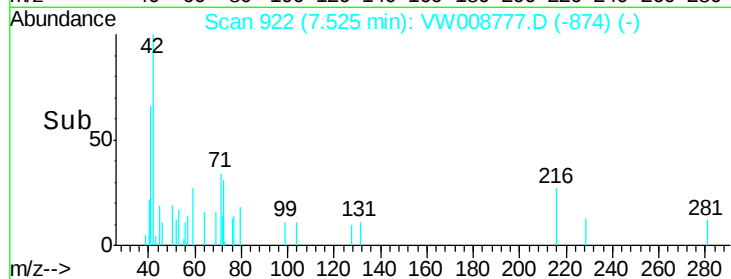
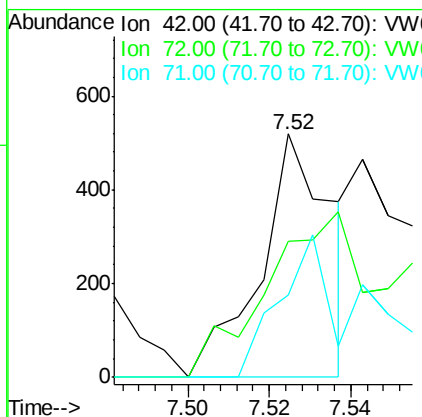
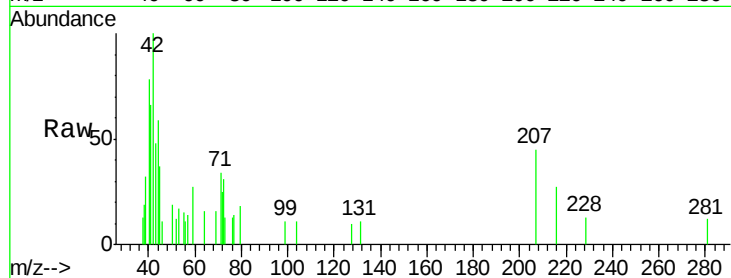




#29
Tetrahydrofuran
Concen: 0.896 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

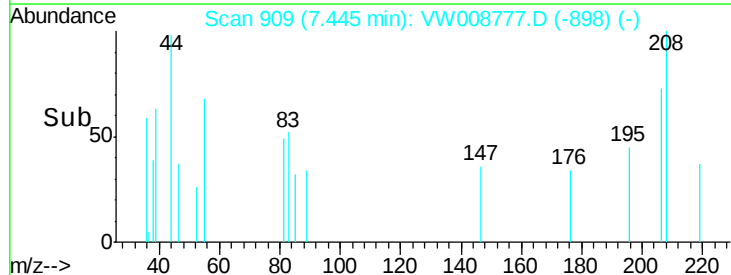
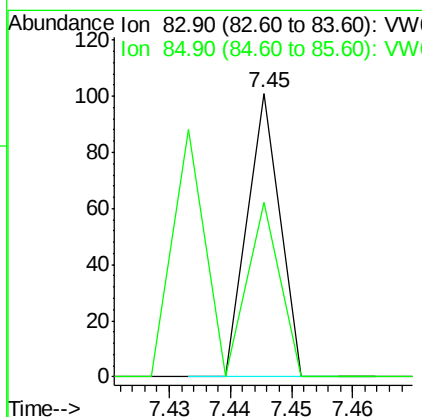
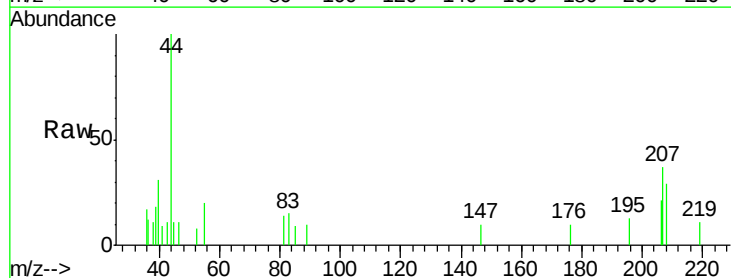
Instrument :
MSVOA_W
ClientSampled :
M-11-A-D

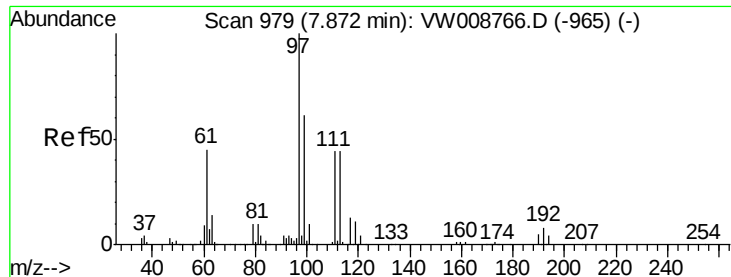
Tot Ion: 42 Resp: 628
Ion Ratio Lower Upper
42 100
72 119.6 32.7 49.1#
71 72.1 31.3 46.9#



#30
Chloroform
Concen: 0.006 ug/l
RT: 7.45 min Scan# 909
Delta R.T. -0.23 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Tgt Ion: 83 Resp: 37
Ion Ratio Lower Upper
83 100
85 61.4 52.6 79.0





#32

1,1,1-Trichloroethane

Concen: 0.005 ug/l

RT: 7.92 min Scan# 987

Delta R.T. 0.05 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

M-11-A-D

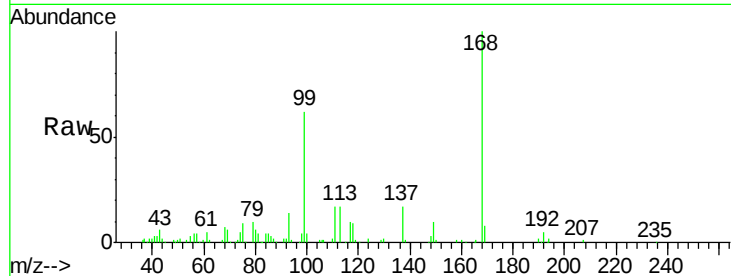
Tot Ion: 97 Resp: 27

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

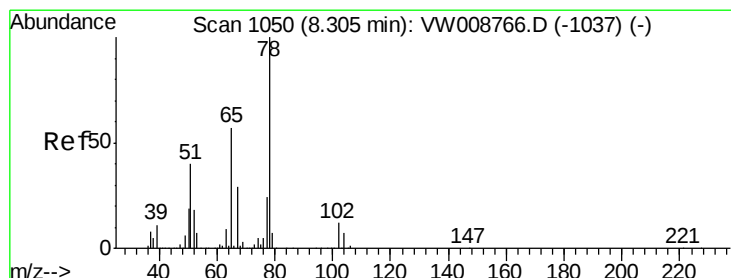
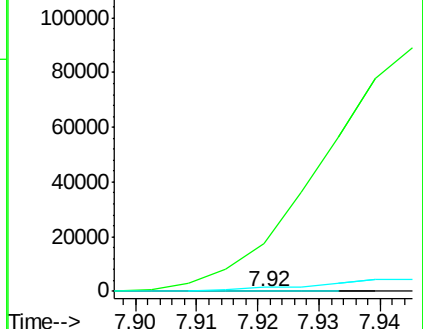
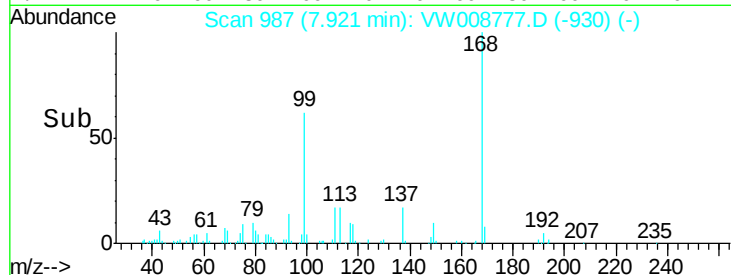
61 0.0 36.0 54.0#



Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW



#33

1,2-Dichloroethane-d4

Concen: 55.927 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008777.D

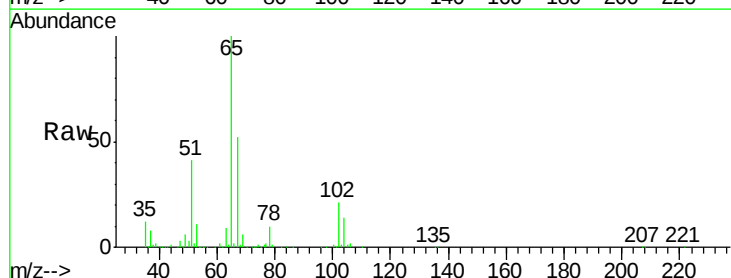
Acq: 21 Feb 2019 18:37

Tgt Ion: 65 Resp: 189838

Ion Ratio Lower Upper

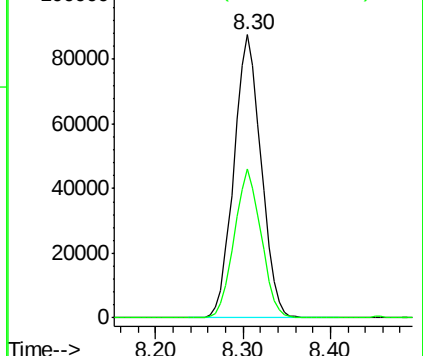
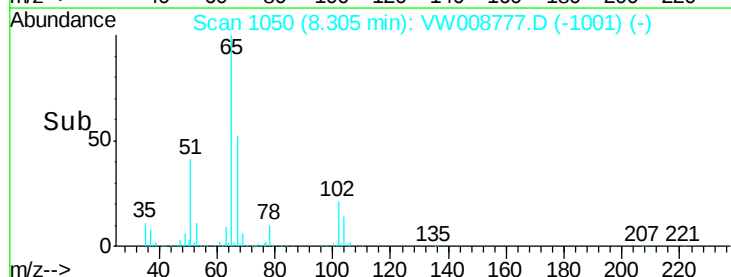
65 100

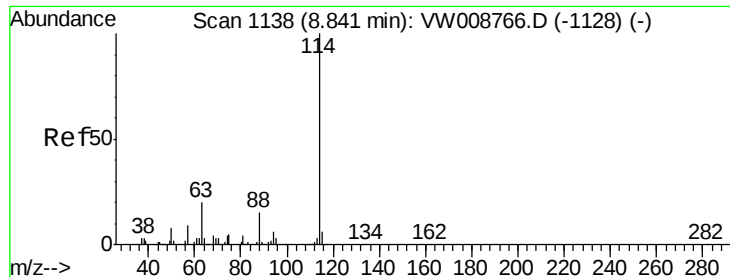
67 51.8 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

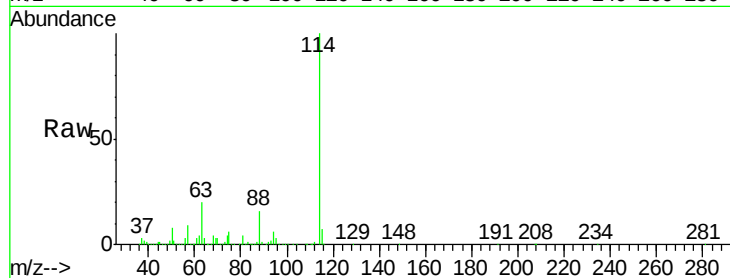




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
M-11-A-D

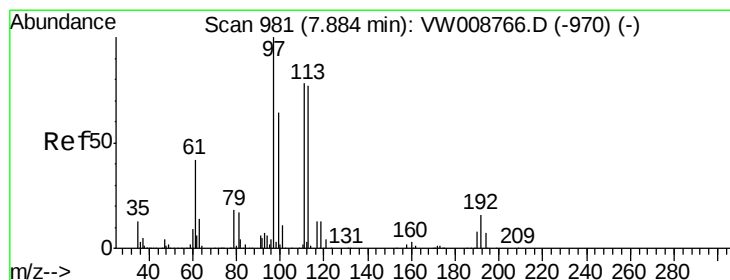
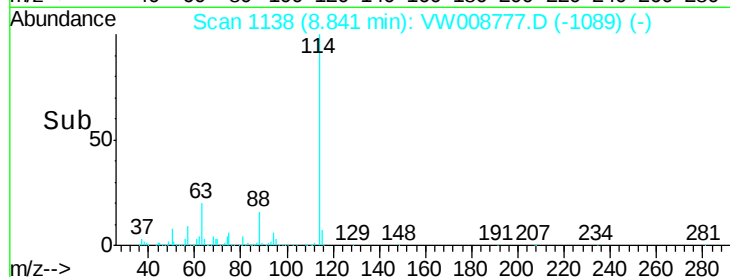
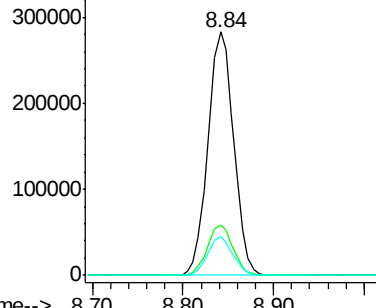
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	16.0	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

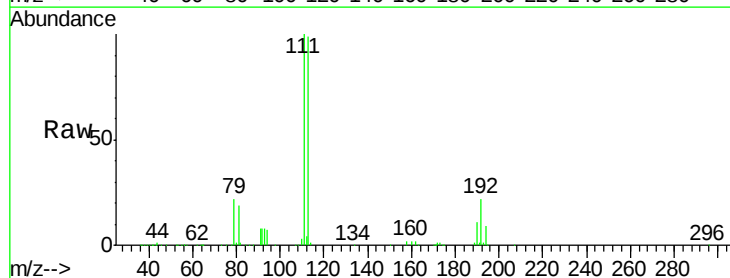
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
Dibromofluoromethane
Concen: 51.805 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

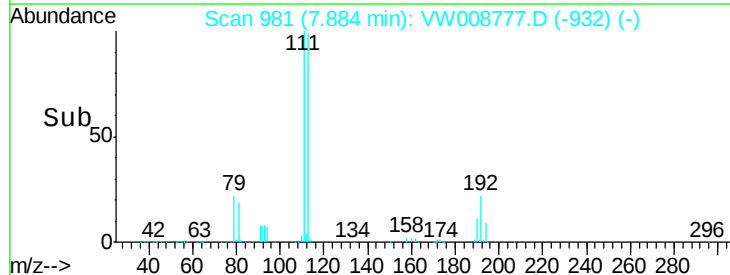
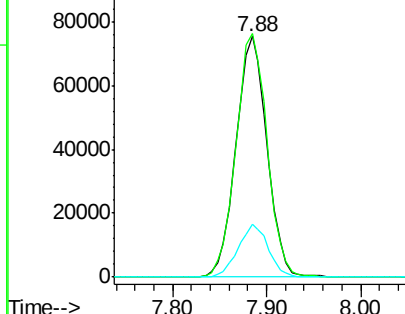
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	21.4	17.1	25.7

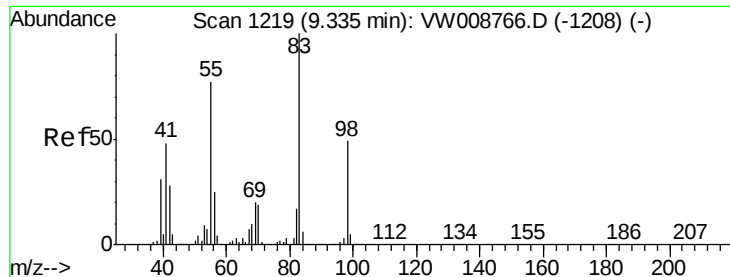


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

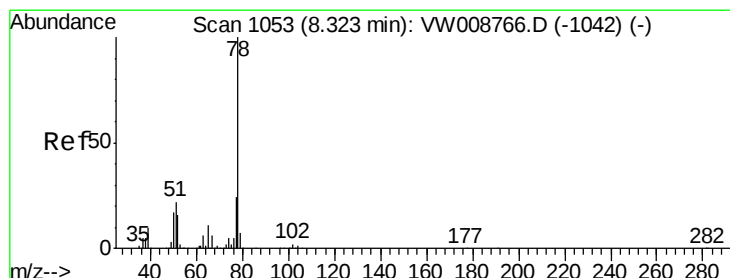
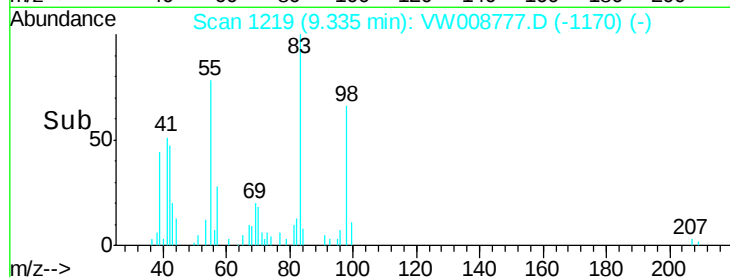
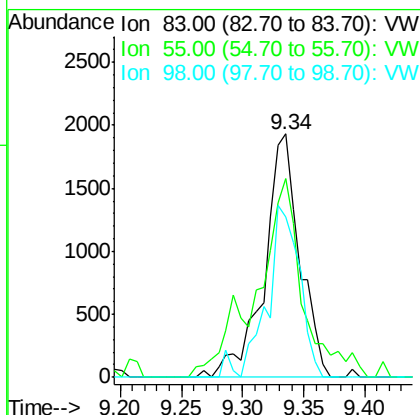
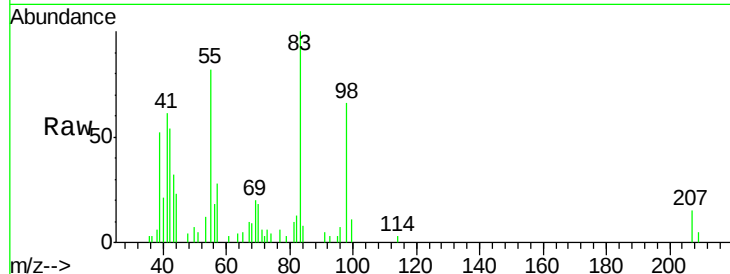




#39
Methvlcvclohexane
Concen: 0.576 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

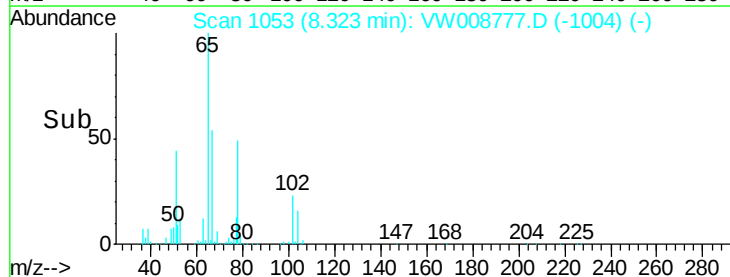
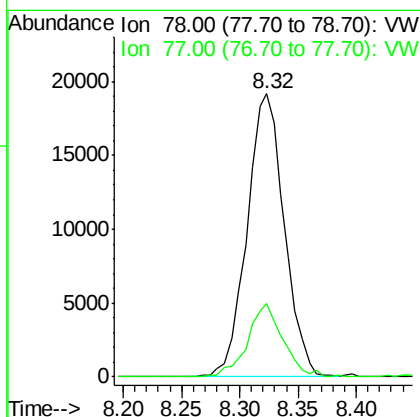
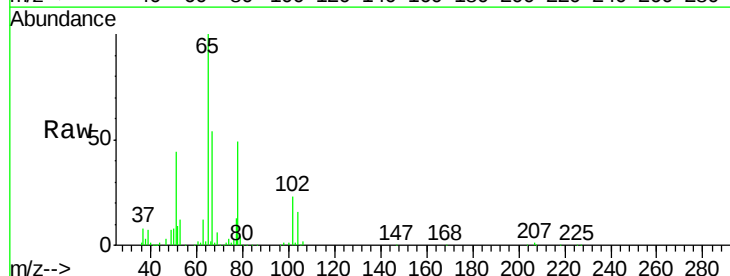
Instrument :
MSVOA_W
ClientSampleId :
M-11-A-D

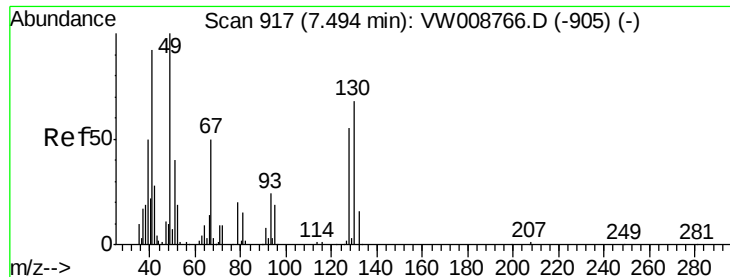
Tot Ion: 83 Resp: 3890
Ion Ratio Lower Upper
83 100
55 81.5 61.2 91.8
98 66.1 39.4 59.2#



#40
Benzene
Concen: 2.893 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Tgt Ion: 78 Resp: 42773
Ion Ratio Lower Upper
78 100
77 26.1 19.3 28.9

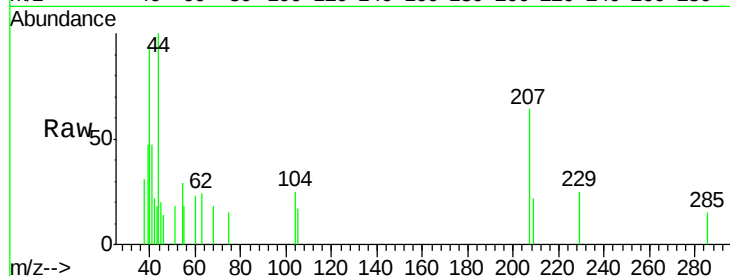




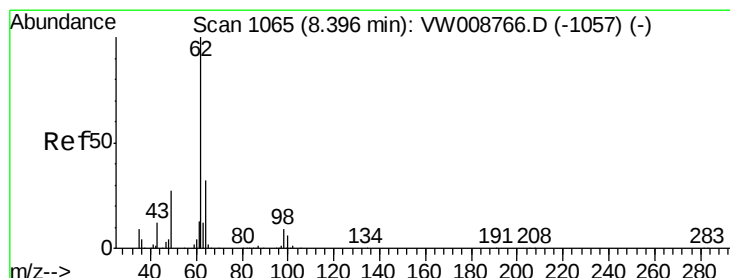
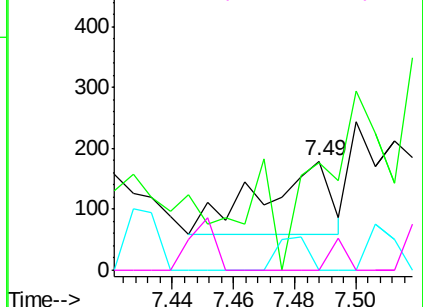
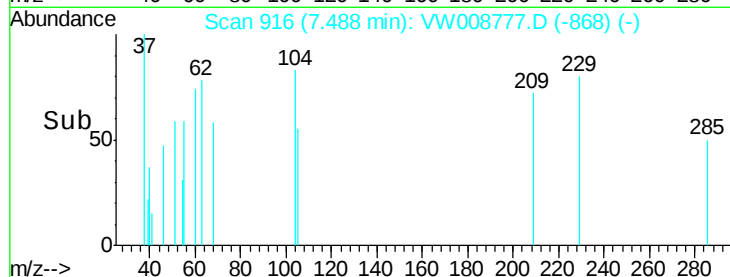
#41
Methacrylonitrile
Concen: 0.126 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.01 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Instrument :
MSVOA_W
ClientSampled :
M-11-A-D

Tot Ion: 41 Resp: 187
Ion Ratio Lower Upper
41 100
39 223.0 52.5 78.7#
67 0.0 55.0 82.6#
52 10.2 26.9 40.3#

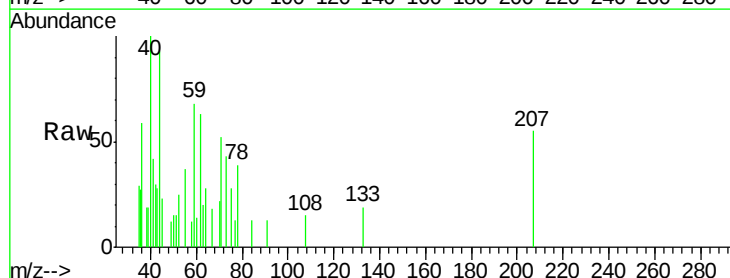


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

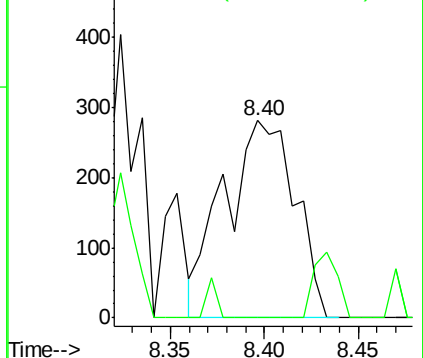
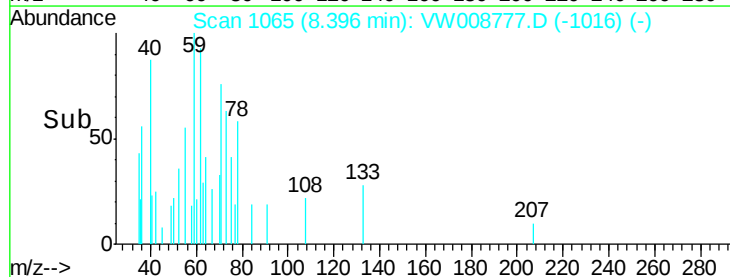


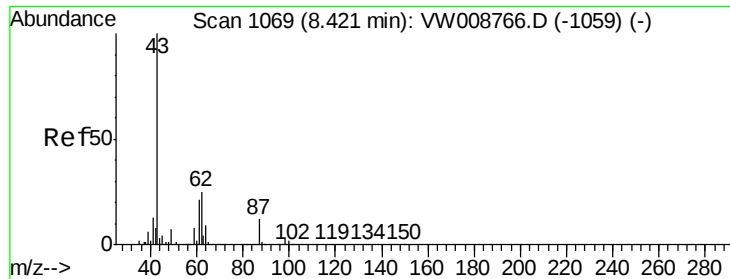
#42
1,2-Dichloroethane
Concen: 0.157 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Tgt Ion: 62 Resp: 735
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 0.107 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

M-11-A-D

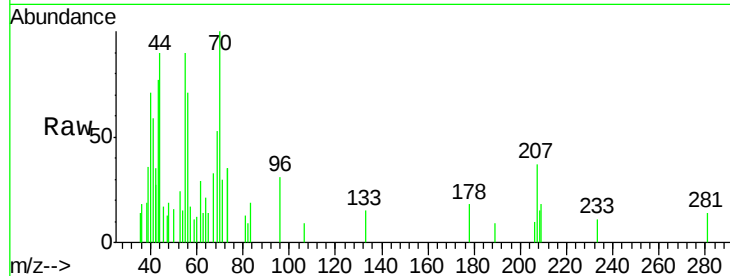
Tot Ion: 43 Resp: 536

Ion Ratio Lower Upper

43 100

61 0.0 23.2 34.8#

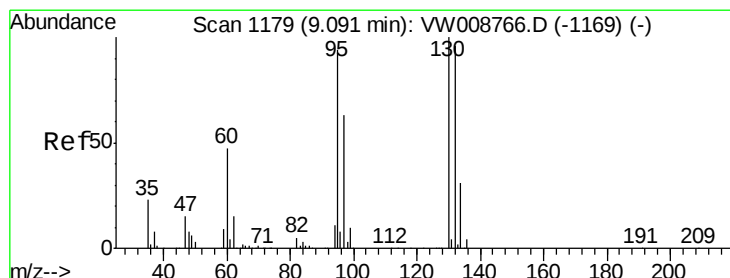
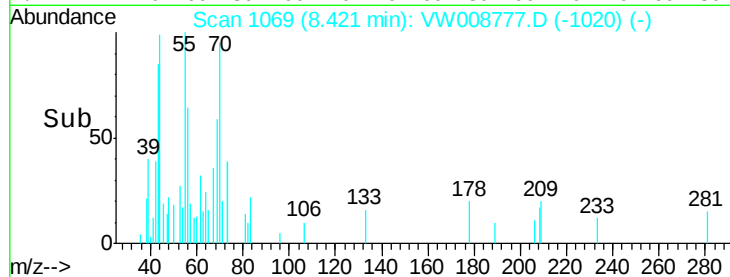
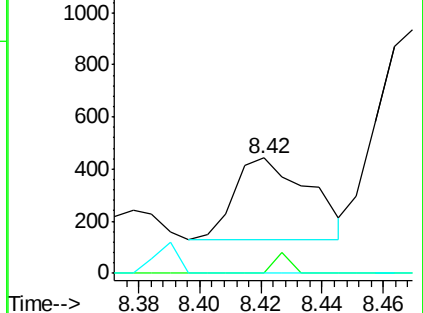
87 0.0 9.9 14.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 0.016 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW008777.D

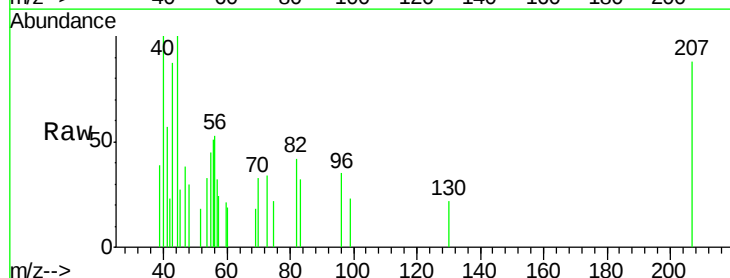
Acq: 21 Feb 2019 18:37

Tgt Ion: 130 Resp: 67

Ion Ratio Lower Upper

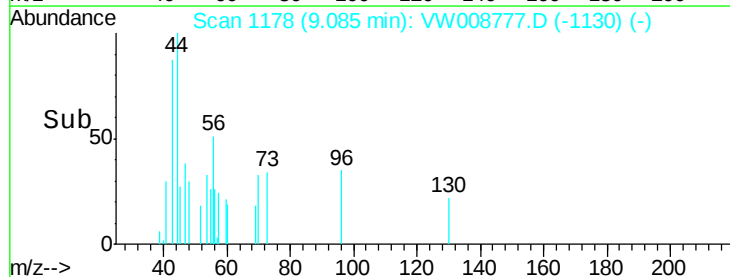
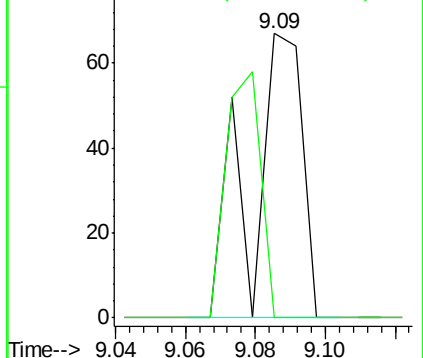
130 100

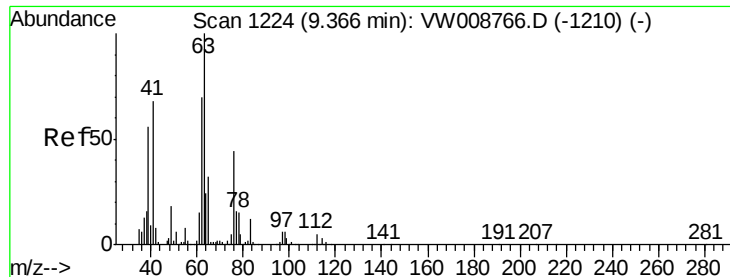
95 0.0 0.0 188.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 0.007 ug/l

RT: 9.35 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

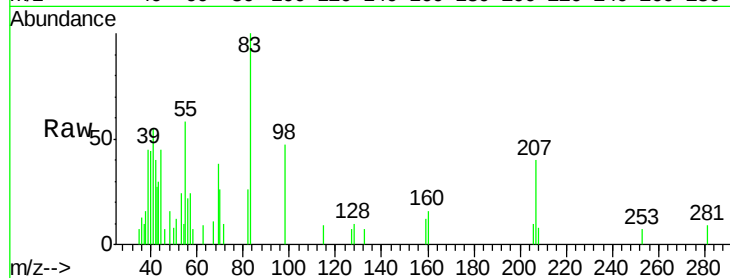
M-11-A-D

Tot Ion: 63 Resp: 26

Ion Ratio Lower Upper

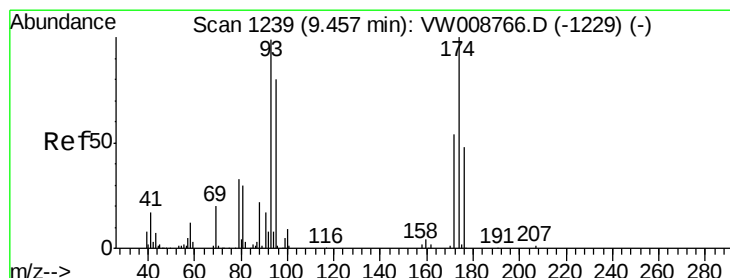
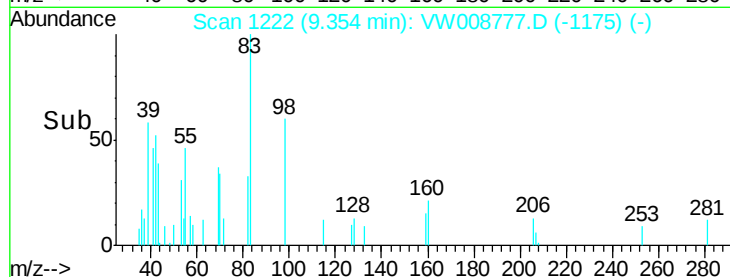
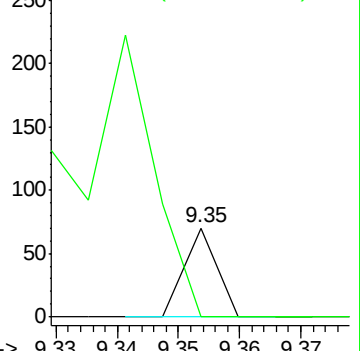
63 100

65 0.0 25.5 38.3#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 0.019 ug/l

RT: 9.55 min Scan# 1255

Delta R.T. 0.10 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

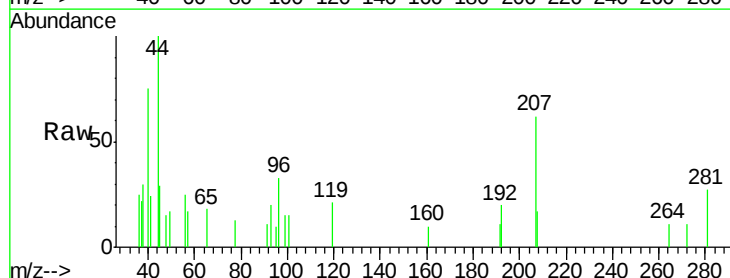
Tgt Ion: 93 Resp: 38

Ion Ratio Lower Upper

93 100

95 147.4 67.7 101.5#

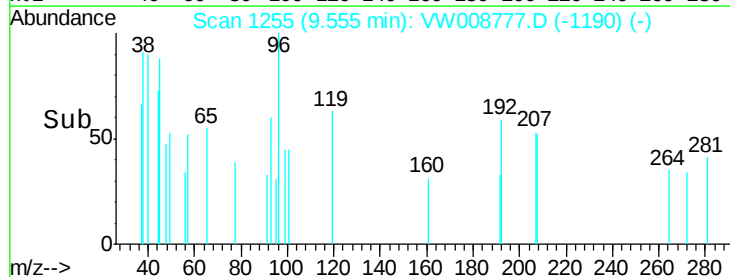
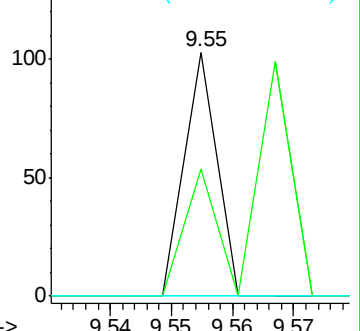
174 0.0 86.7 130.1#

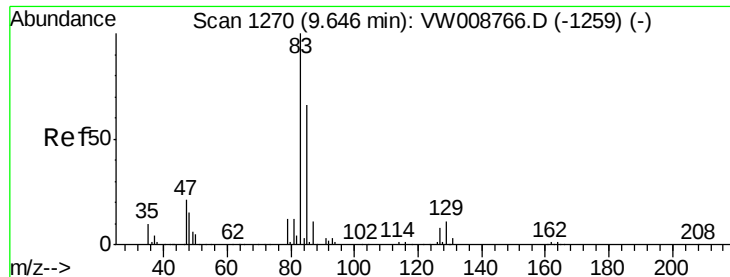


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.068 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

M-11-A-D

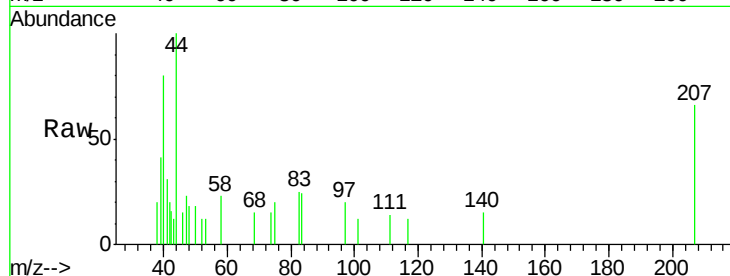
Tot Ion: 83 Resp: 335

Ion Ratio Lower Upper

83 100

85 0.0 52.5 78.7#

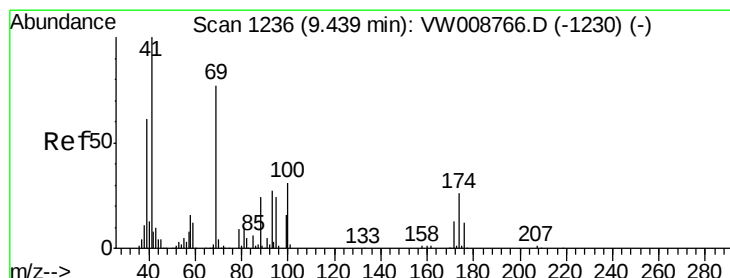
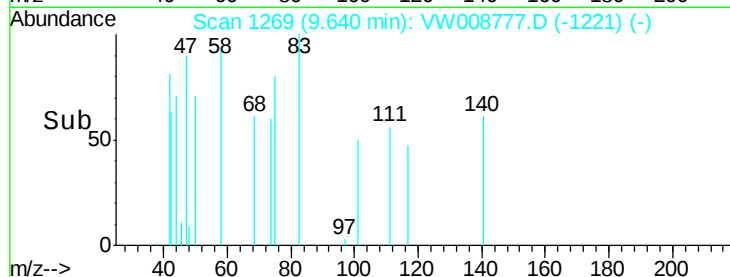
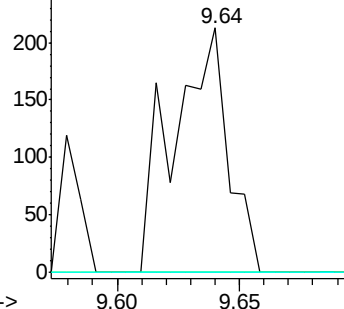
127 0.0 6.7 10.1#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.097 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

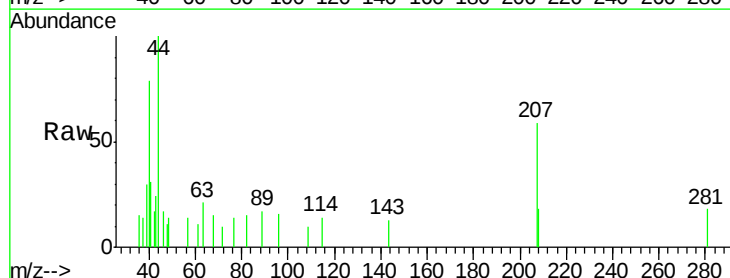
Tgt Ion: 41 Resp: 233

Ion Ratio Lower Upper

41 100

69 0.0 63.6 95.4#

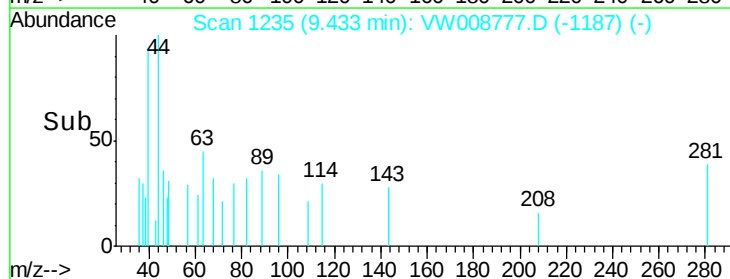
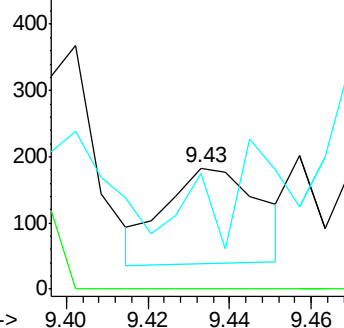
39 0.0 52.1 78.1#

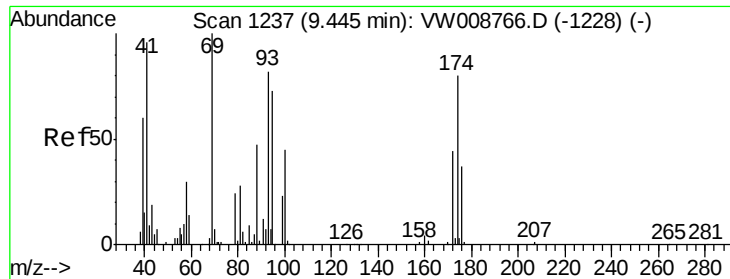


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

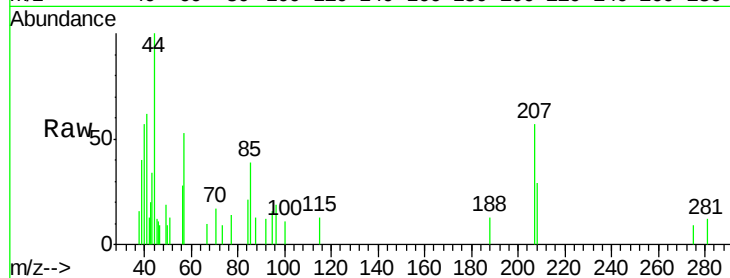




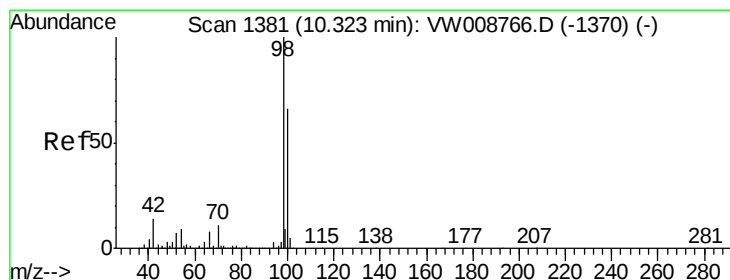
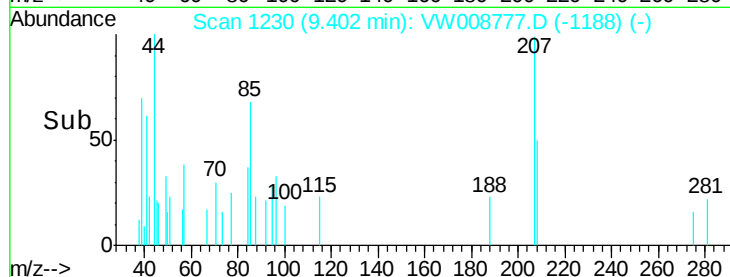
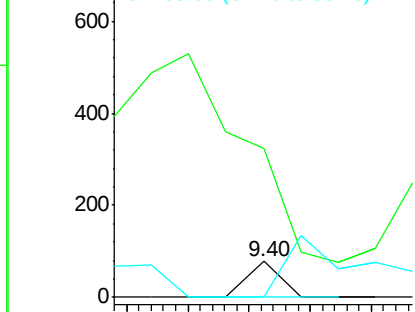
#49
1,4-Dioxane
Concen: 0.891 ug/l
RT: 9.40 min Scan# 1230
Delta R.T. -0.04 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
M-11-A-D

Tot Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 413.8 52.0 78.0#

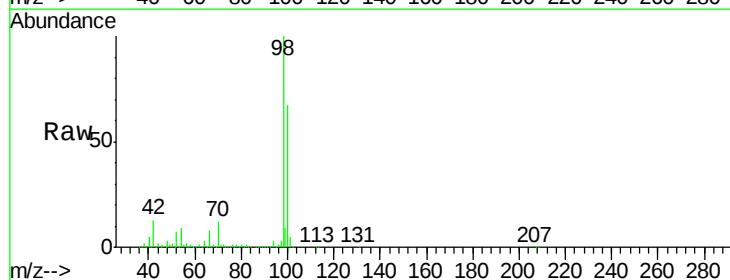


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

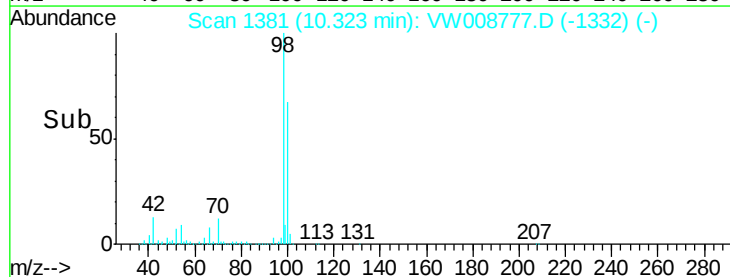
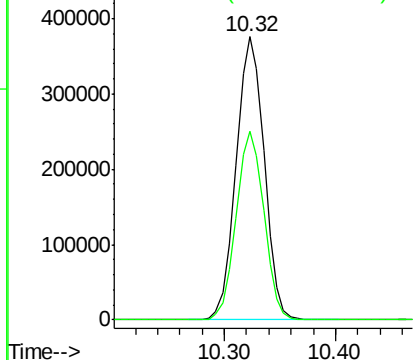


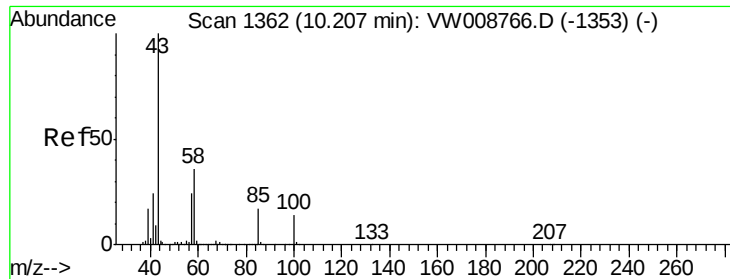
#50
Toluene-d8
Concen: 50.814 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Tgt Ion: 98 Resp: 655202
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 0.112 ug/l

RT: 10.19 min Scan# 1359

Delta R.T. -0.02 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

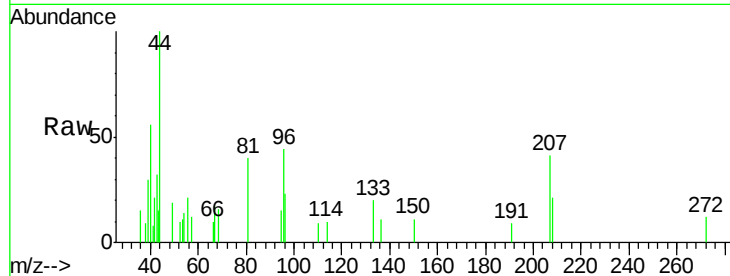
M-11-A-D

Tot Ion: 43 Resp: 286

Ion Ratio Lower Upper

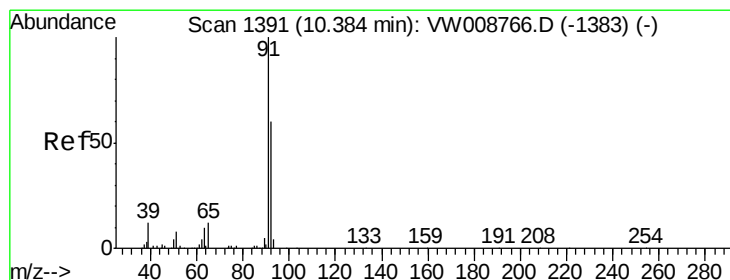
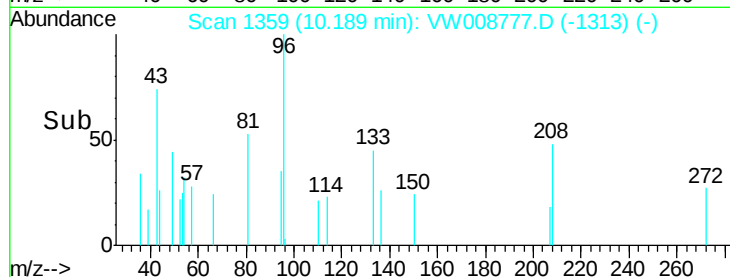
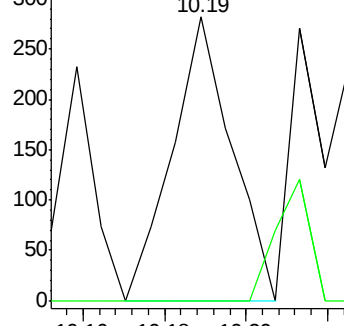
43 100

58 0.0 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 11.171 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008777.D

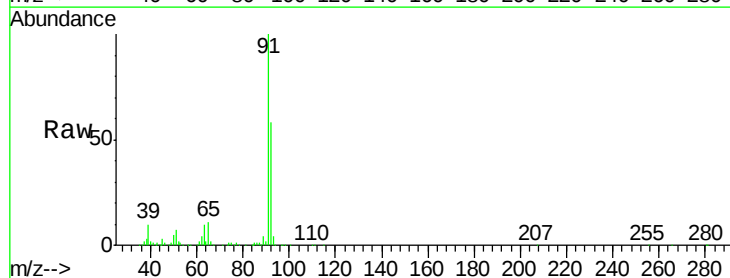
Acq: 21 Feb 2019 18:37

Tgt Ion: 92 Resp: 112099

Ion Ratio Lower Upper

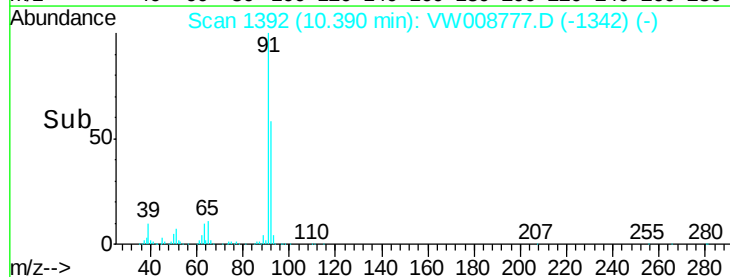
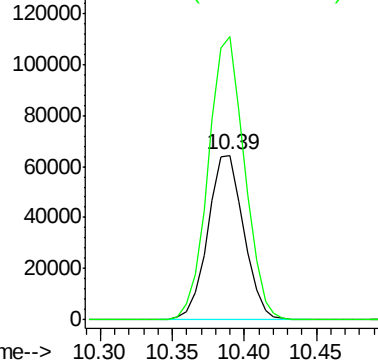
92 100

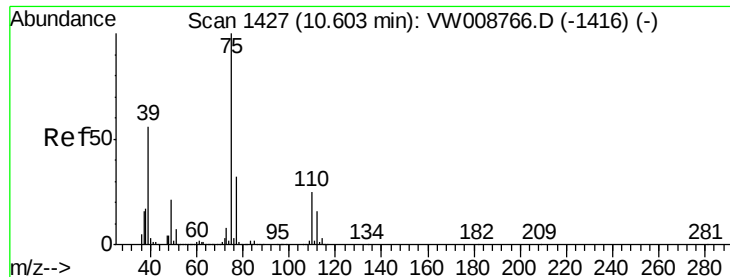
91 172.2 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 0.013 ug/l

RT: 10.68 min Scan# 1439

Delta R.T. 0.07 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

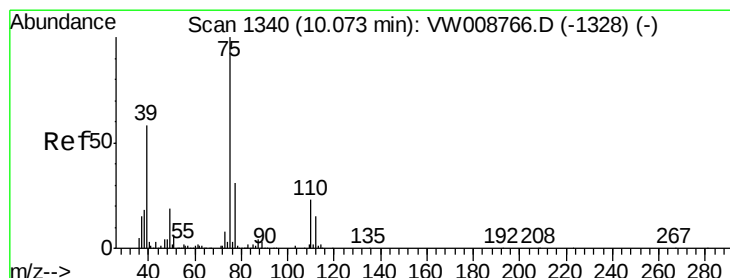
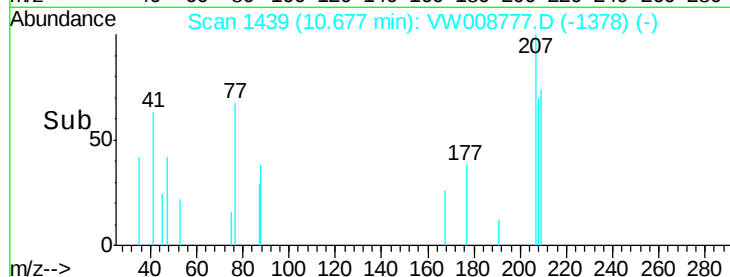
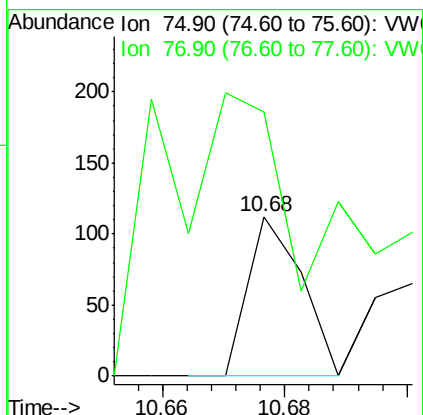
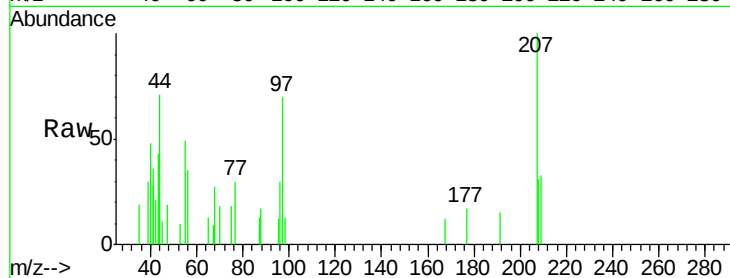
M-11-A-D

Tot Ion: 75 Resp: 68

Ion Ratio Lower Upper

75 100

77 76.8 26.1 39.1#



#54

cis-1,3-Dichloropropene

Concen: 0.014 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

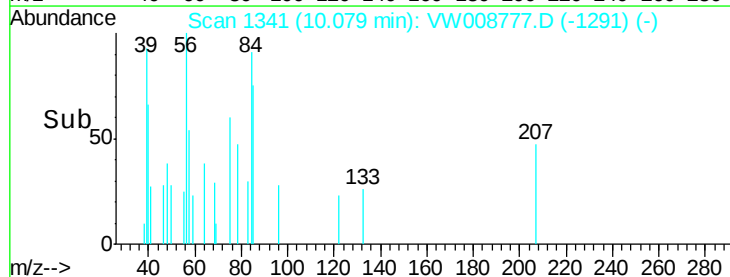
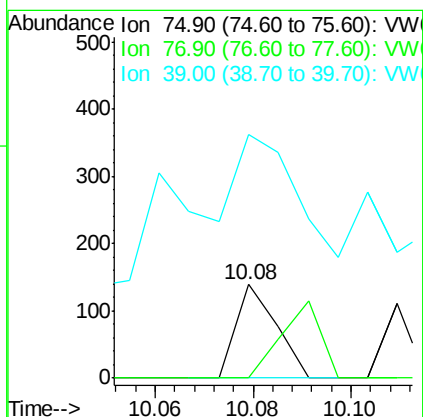
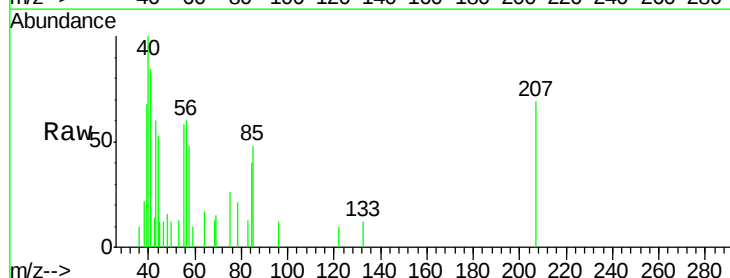
Tgt Ion: 75 Resp: 79

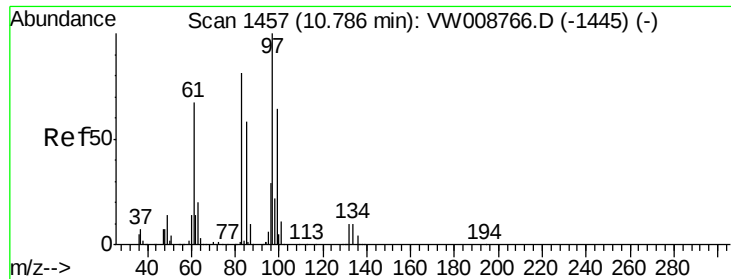
Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

39 130.9 46.6 70.0#

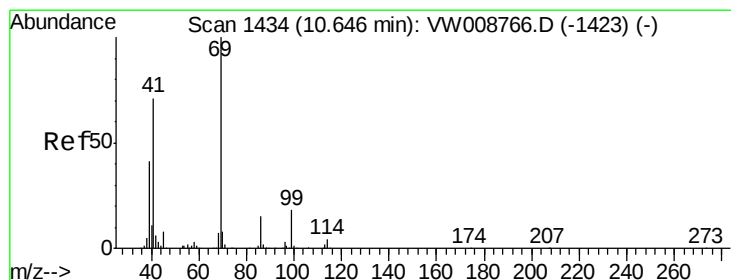
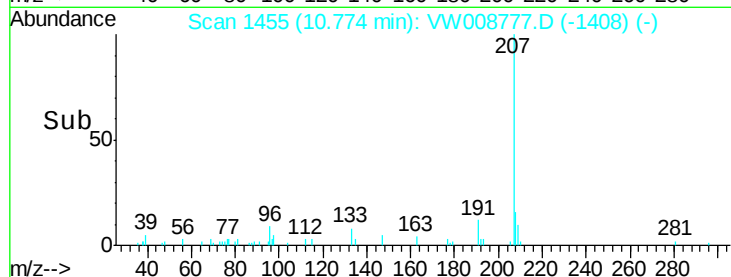
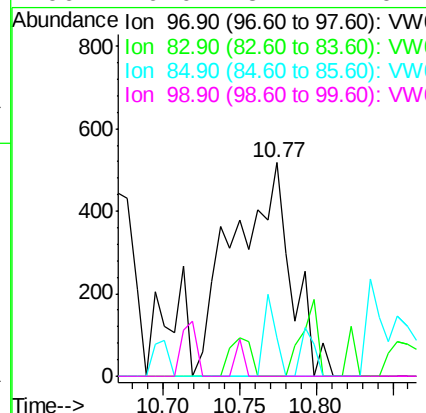
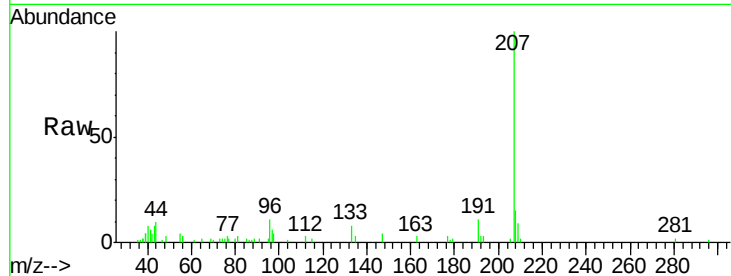




#55
 1,1,2-Trichloroethane
 Concen: 0.493 ug/l
 RT: 10.77 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: VW008777.D
 Acq: 21 Feb 2019 18:37

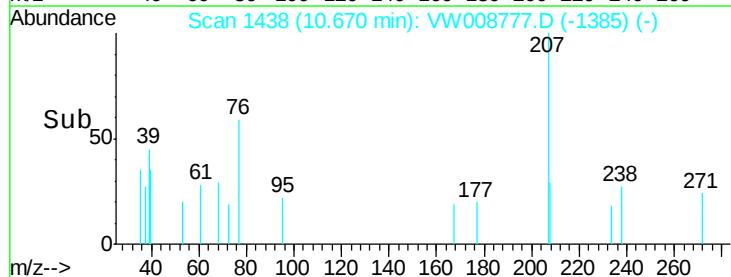
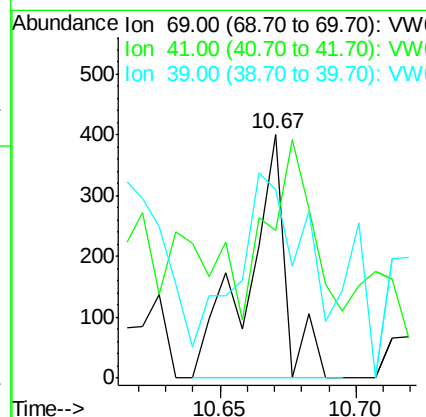
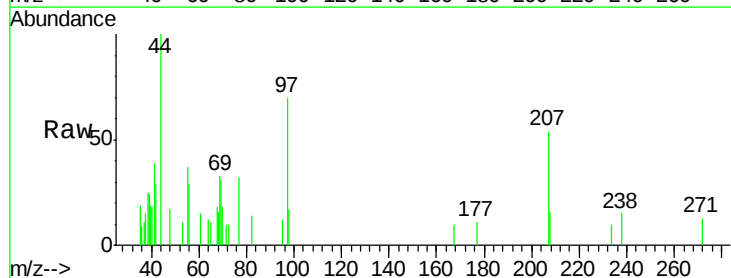
Instrument :
 MSVOA_W
 ClientSampleId :
 M-11-A-D

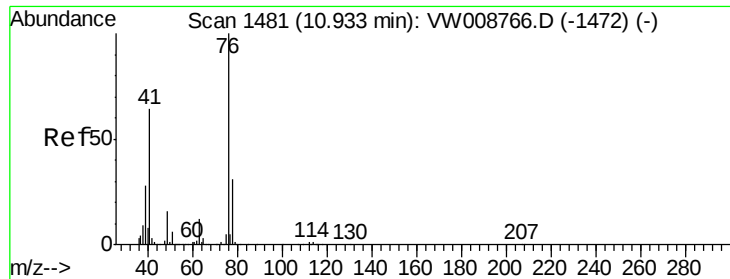
Tot Ion:	97	Resp:	1359
Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.0	97.6#
85	18.1	46.0	69.0#
99	0.0	51.1	76.7#



#56
 Ethyl methacrylate
 Concen: 0.110 ug/l
 RT: 10.67 min Scan# 1438
 Delta R.T. 0.02 min
 Lab File: VW008777.D
 Acq: 21 Feb 2019 18:37

Tgt Ion:	69	Resp:	394
Ion	Ratio	Lower	Upper
69	100		
41	81.0	57.4	86.0
39	0.0	34.8	52.2#

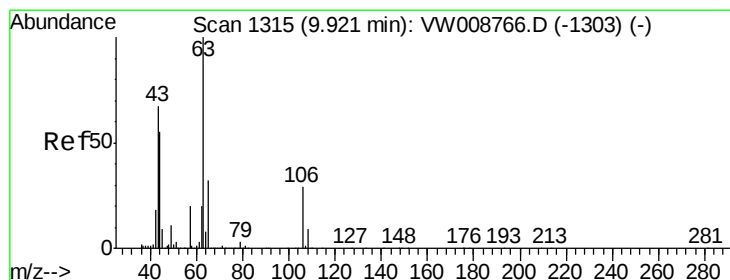
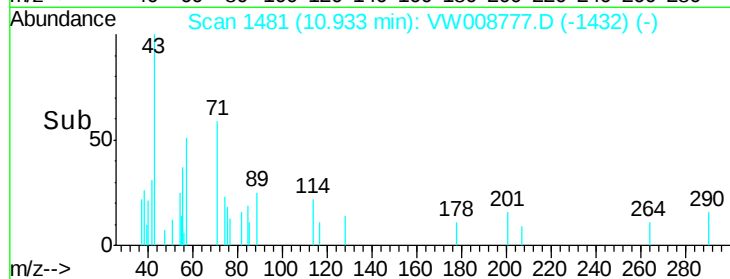
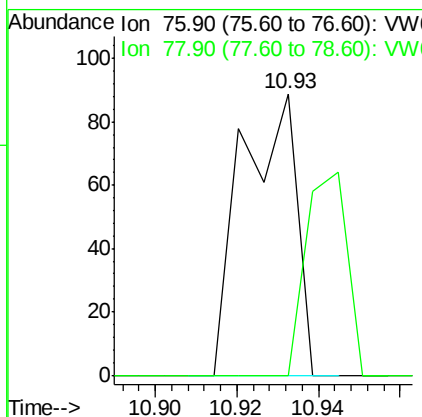
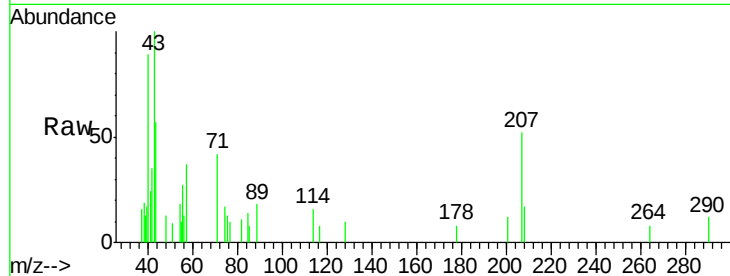




#57
1,3-Dichloropropane
Concen: 0.017 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.00 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

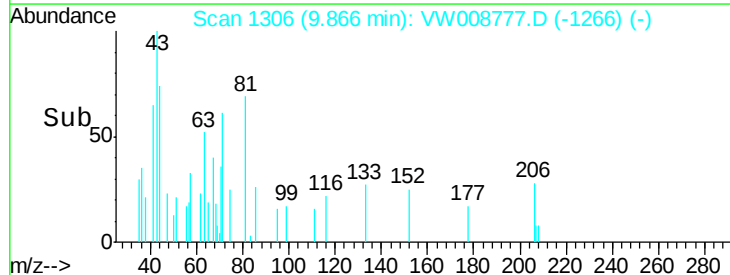
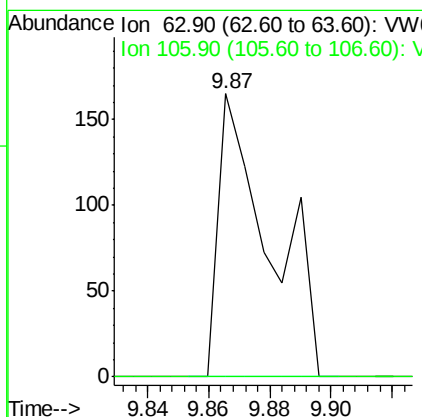
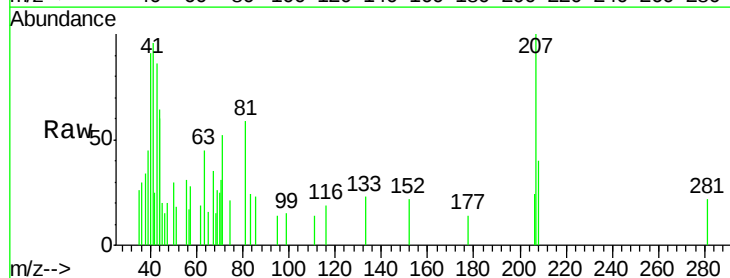
Instrument :
MSVOA_W
ClientSampleId :
M-11-A-D

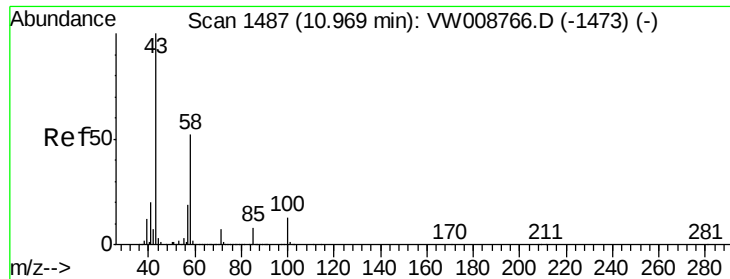
Tot Ion: 76 Resp: 83
Ion Ratio Lower Upper
76 100
78 54.2 25.8 38.8#



#58
2-Chloroethyl Vinyl ether
Concen: 0.106 ug/l
RT: 9.87 min Scan# 1306
Delta R.T. -0.05 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Tgt Ion: 63 Resp: 191
Ion Ratio Lower Upper
63 100
106 0.0 24.0 36.0#





#59

2-Hexanone

Concen: 0.047 ug/l

RT: 11.21 min Scan# 1526

Delta R.T. 0.24 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

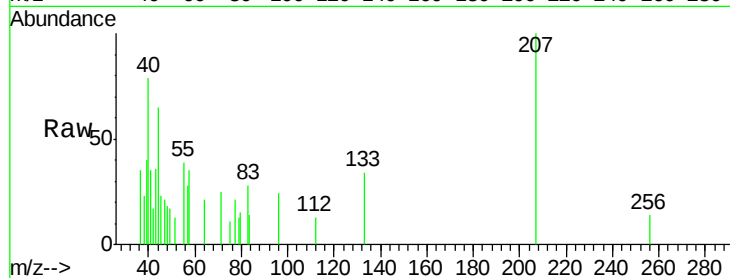
M-11-A-D

Tot Ion: 43 Resp: 86

Ion Ratio Lower Upper

43 100

58 73.3 25.3 75.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

11.21

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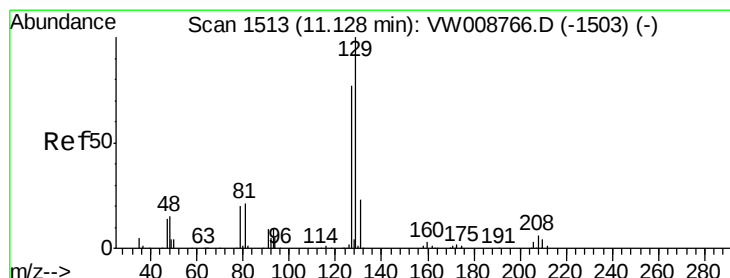
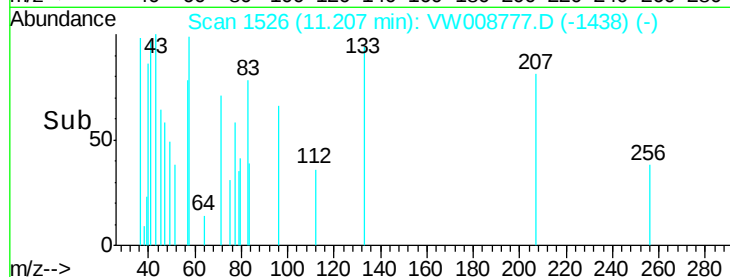
11.21

11.21

11.21

11.21

11.21



#60

Dibromochloromethane

Concen: 0.008 ug/l

RT: 11.19 min Scan# 1523

Delta R.T. 0.06 min

Lab File: VW008777.D

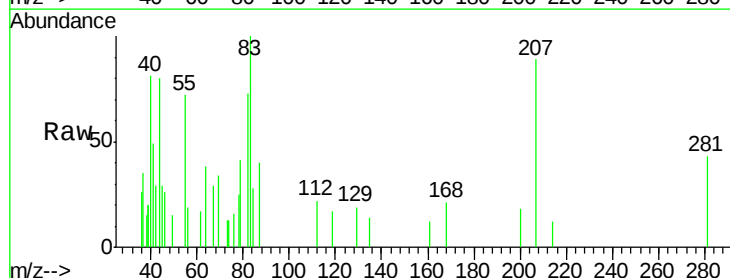
Acq: 21 Feb 2019 18:37

Tgt Ion: 129 Resp: 28

Ion Ratio Lower Upper

129 100

127 0.0 39.0 116.9#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

11.19

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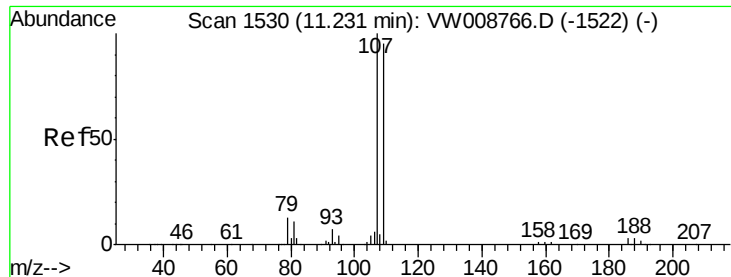
11.19

11.19

11.19

11.19

11.19



#61

1,2-Dibromoethane

Concen: 0.008 ug/l

RT: 11.43 min Scan# 1562

Delta R.T. 0.20 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

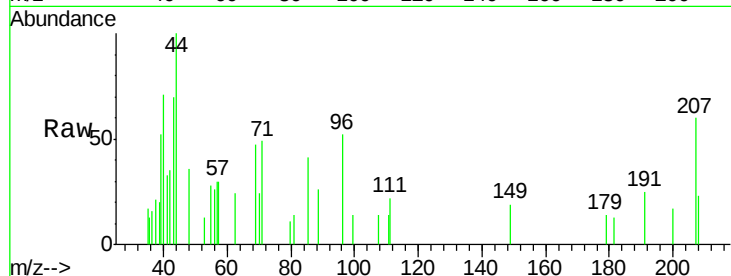
M-11-A-D

Tot Ion:107 Resp: 23

Ion Ratio Lower Upper

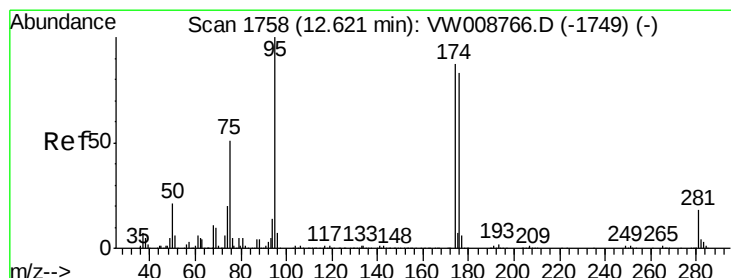
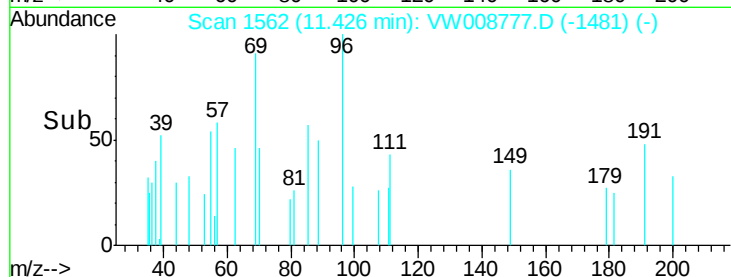
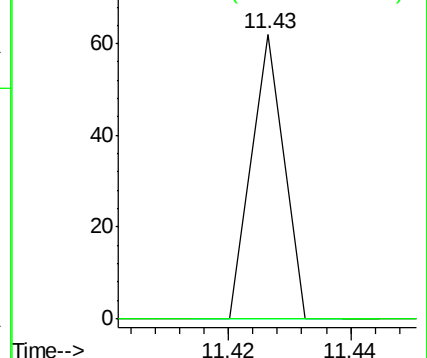
107 100

109 0.0 75.6 113.4#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.288 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

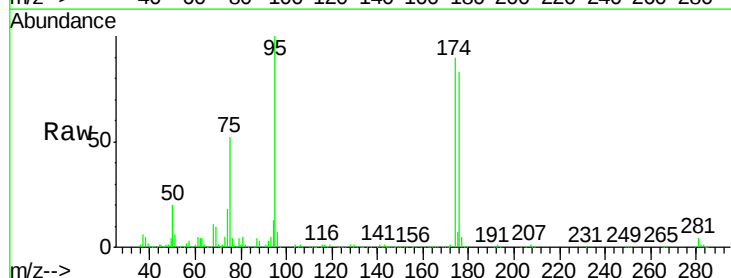
Tgt Ion: 95 Resp: 223594

Ion Ratio Lower Upper

95 100

174 86.8 0.0 169.2

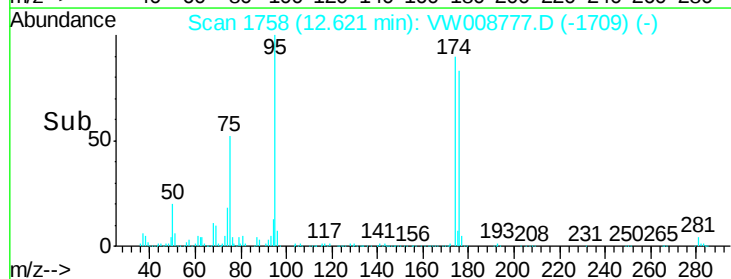
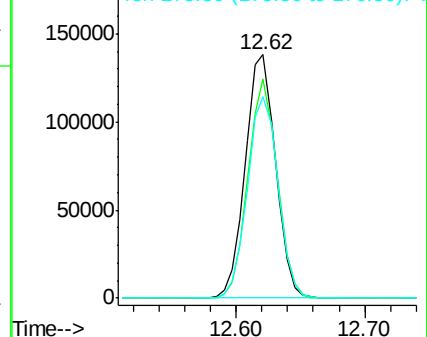
176 83.9 0.0 163.6

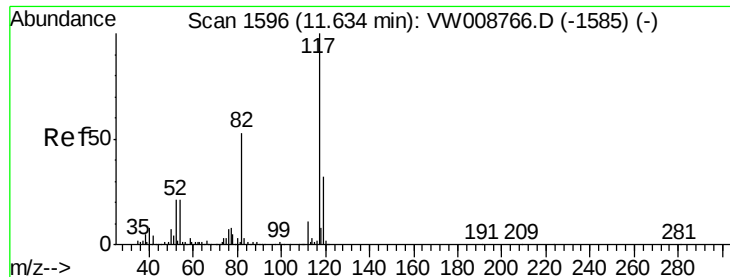


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

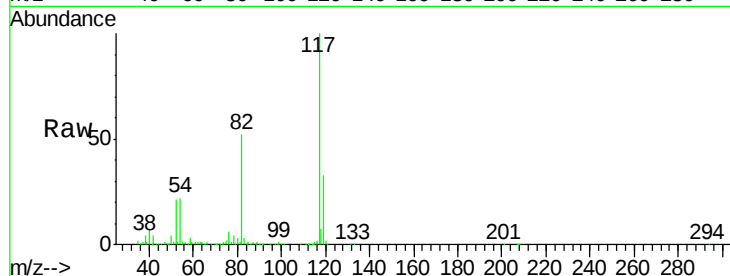




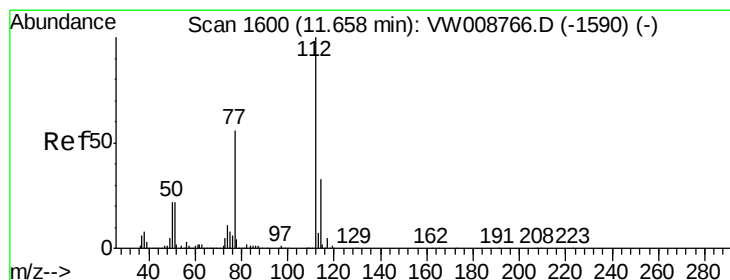
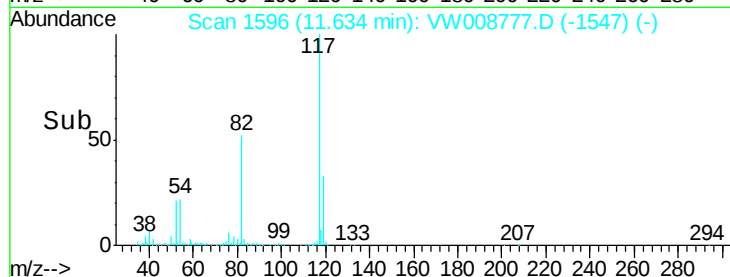
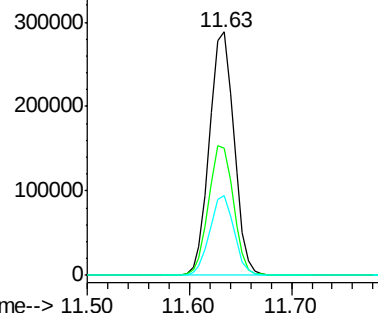
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Instrument :
MSVOA_W
ClientSampleId :
M-11-A-D

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.2	63.4
119	32.8	25.9	38.9

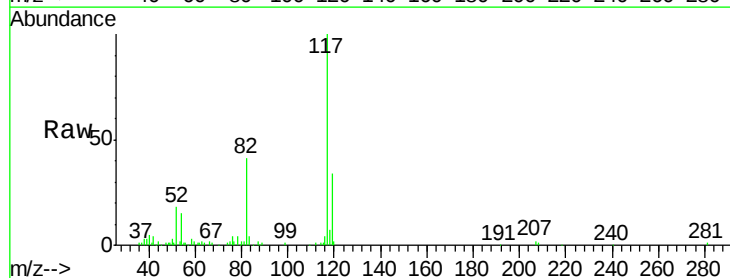


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

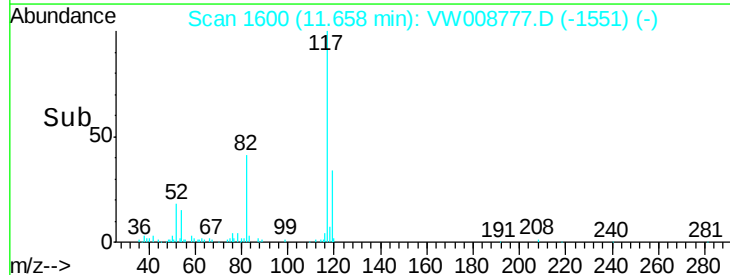
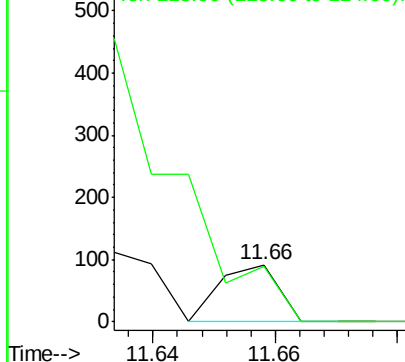


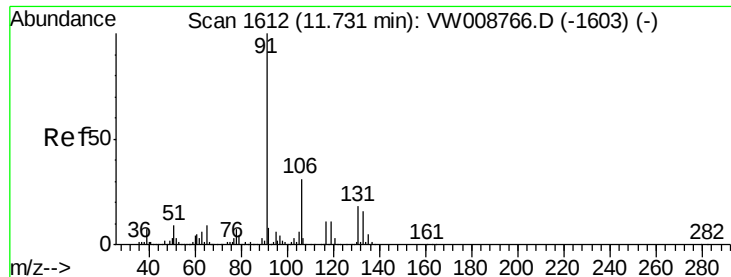
#65
Chlorobenzene
Concen: 0.006 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Tgt Ion	Ratio	Lower	Upper
112	100		
114	95.7	26.6	40.0#



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 0.006 ug/l

RT: 11.77 min Scan# 1618

Delta R.T. 0.04 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

M-11-A-D

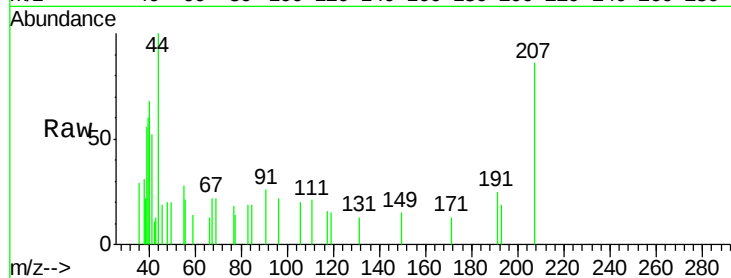
Tot Ion:131 Resp: 22

Ion Ratio Lower Upper

131 100

133 159.1 46.7 140.0#

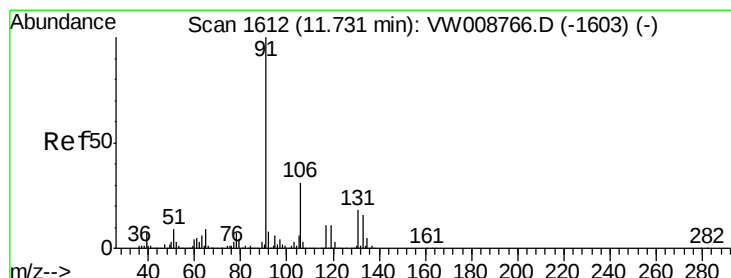
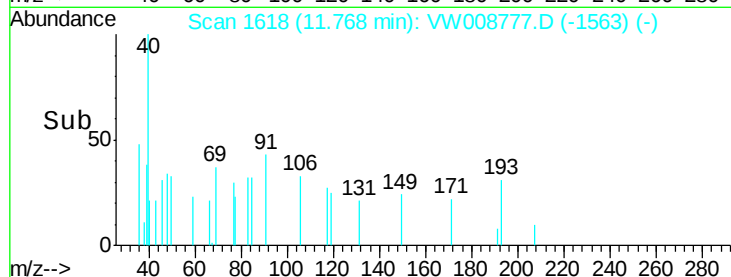
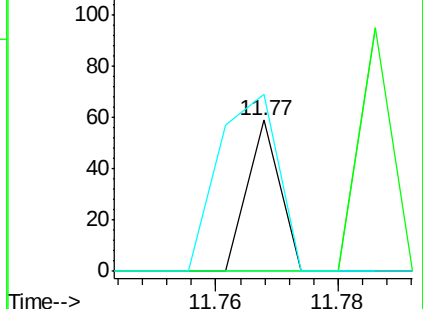
119 0.0 30.8 92.4#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 1.307 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008777.D

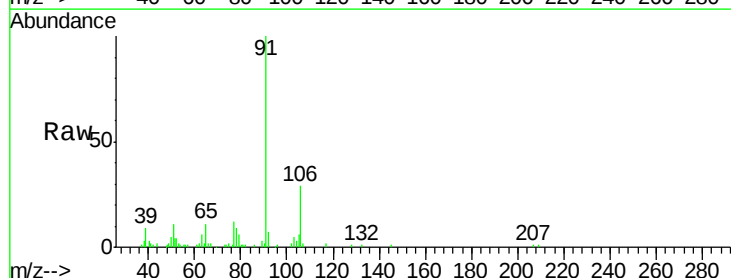
Acq: 21 Feb 2019 18:37

Tgt Ion: 91 Resp: 23679

Ion Ratio Lower Upper

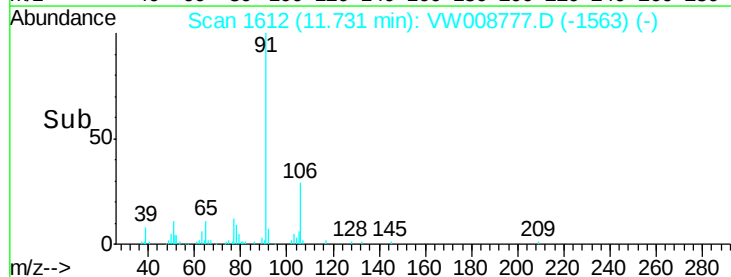
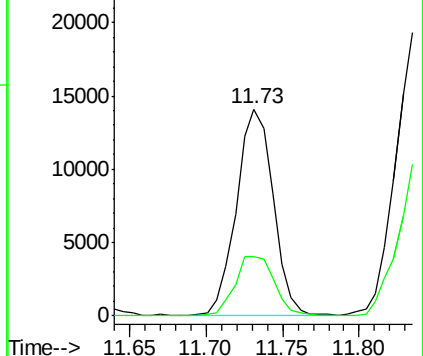
91 100

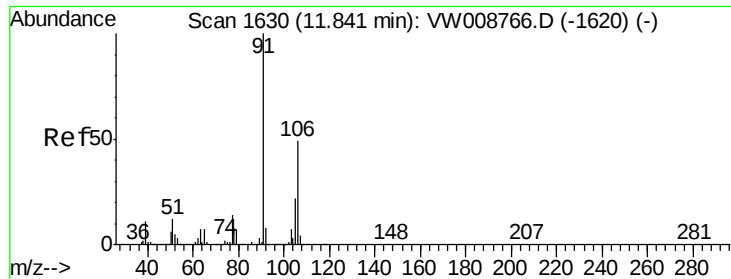
106 28.7 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V

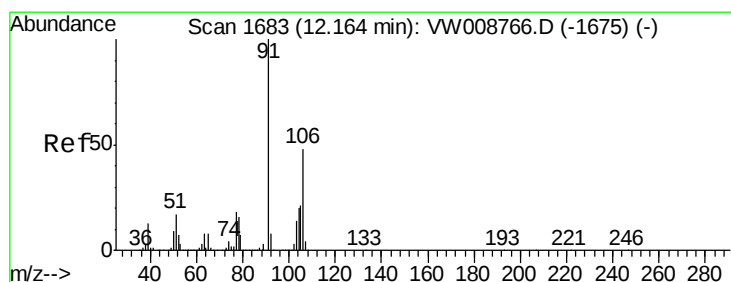
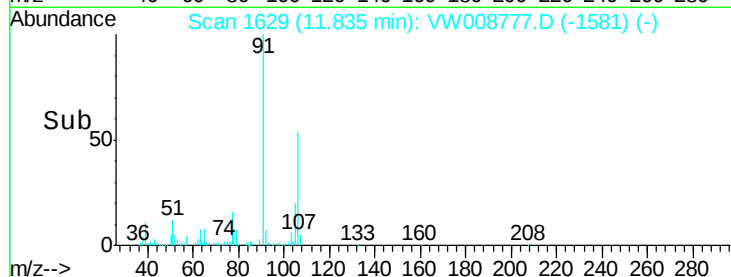
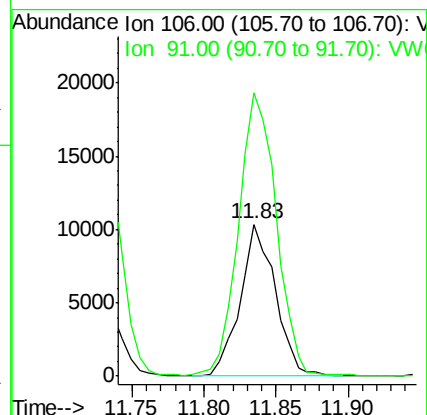
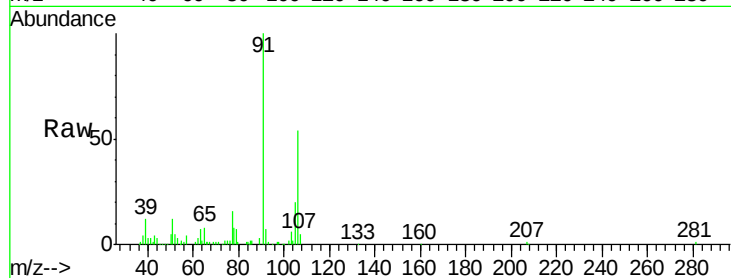




#68
m/p-Xylenes
Concen: 2.425 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

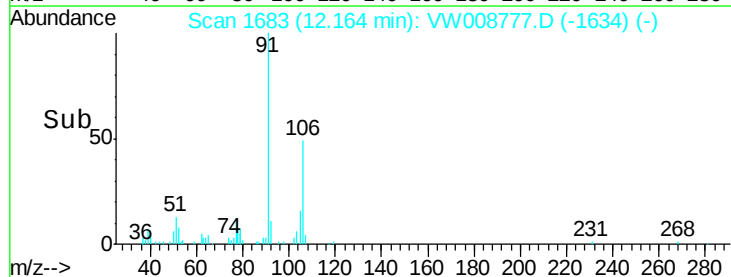
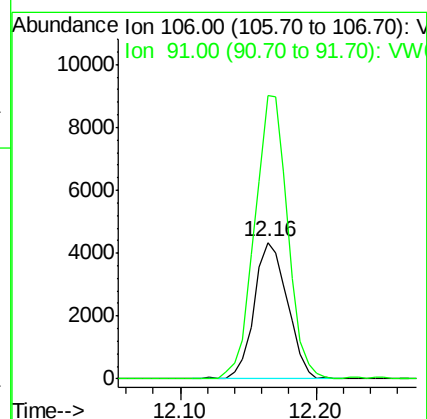
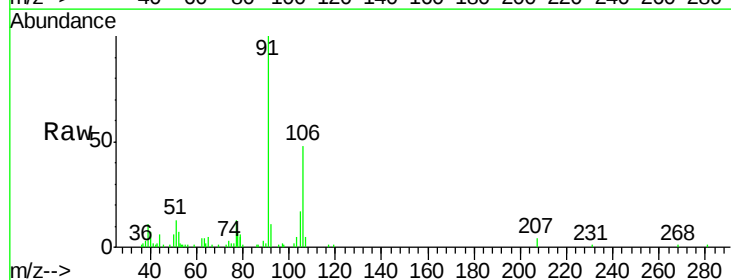
Instrument :
MSVOA_W
ClientSampled :
M-11-A-D

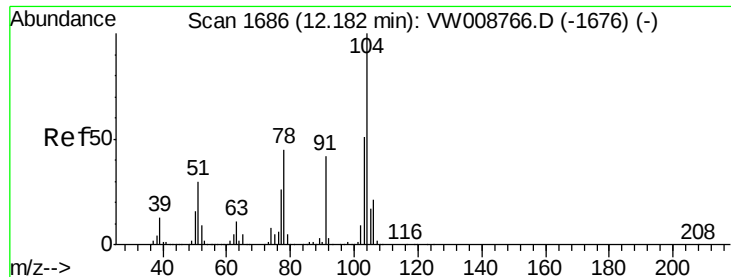
Tot Ion:106 Resp: 17557
Ion Ratio Lower Upper
106 100
91 201.4 161.5 242.3



#69
o-Xylene
Concen: 1.092 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Tgt Ion:106 Resp: 7423
Ion Ratio Lower Upper
106 100
91 206.3 106.2 318.6





#70

Stvrene

Concen: 0.046 ug/l

RT: 12.18 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

M-11-A-D

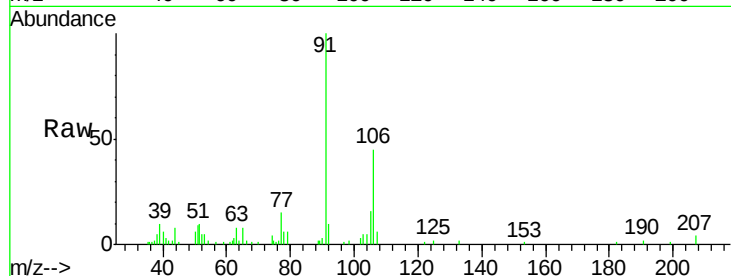
Tot Ion:104 Resp: 504

Ion Ratio Lower Upper

104 100

78 305.0 40.8 61.2#

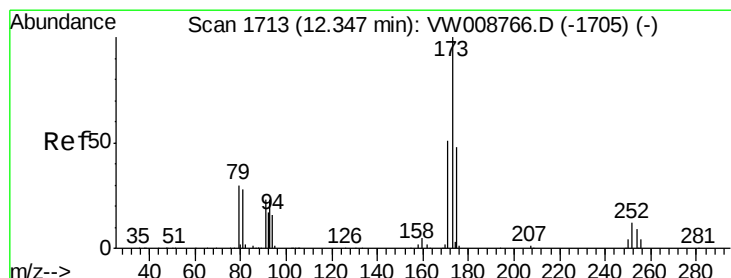
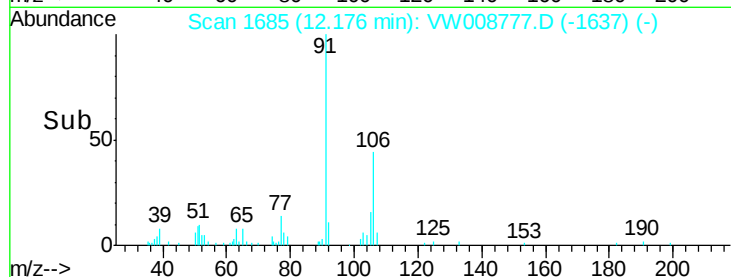
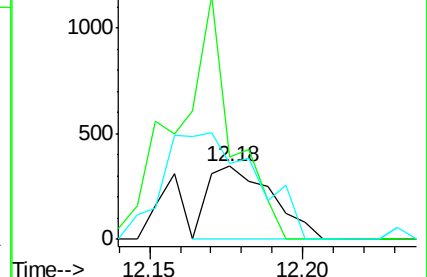
103 212.1 44.2 66.2#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.570 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.27 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

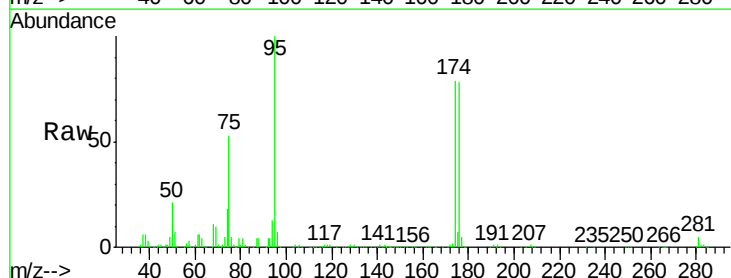
Tgt Ion:173 Resp: 1050

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

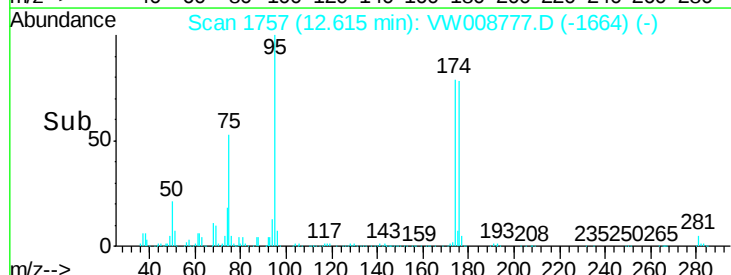
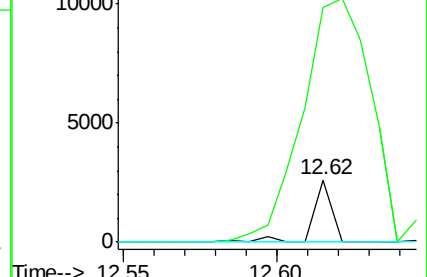
254 0.0 0.2 0.4#

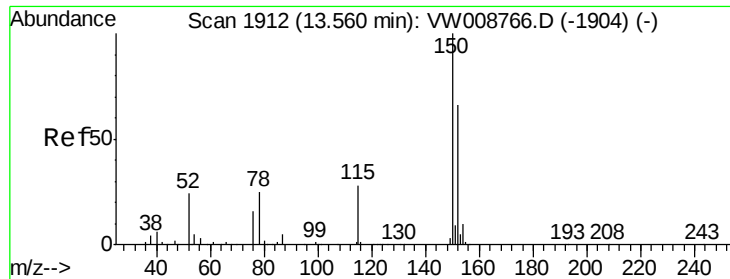


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



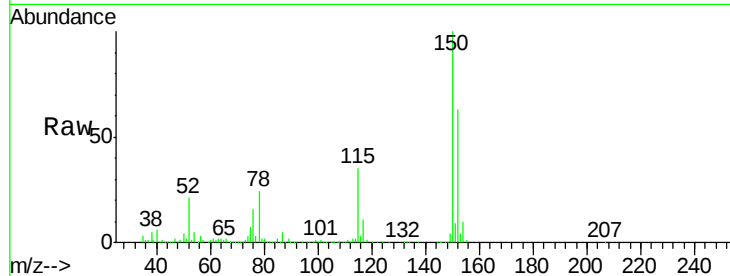


#72

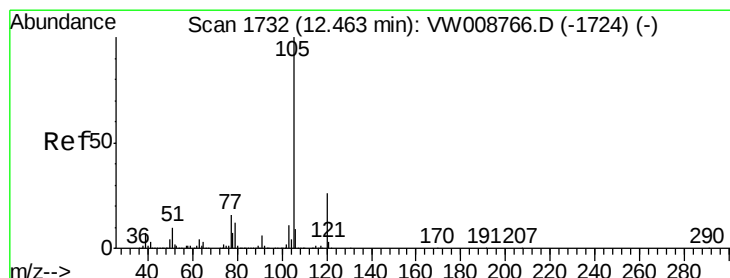
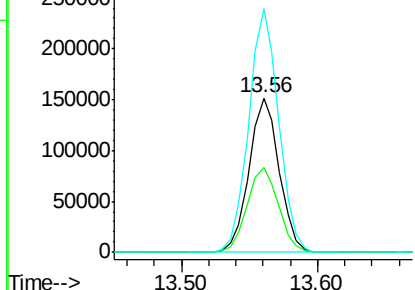
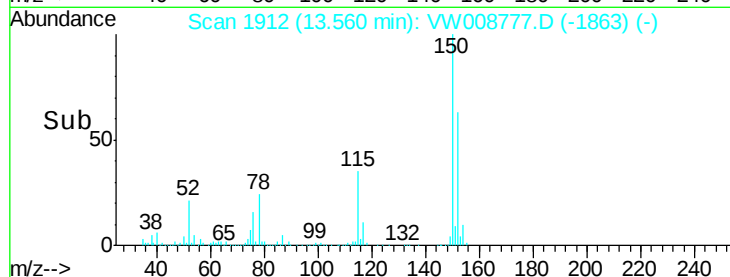
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Instrument :
MSVOA_W
ClientSampled :
M-11-A-D

Tot Ion:152 Resp: 235443
Ion Ratio Lower Upper
152 100
115 56.9 28.6 85.8
150 156.9 0.0 348.0



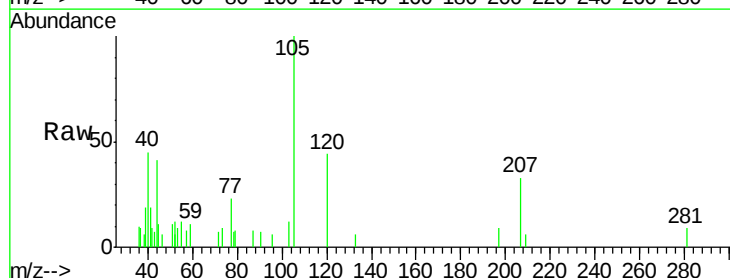
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



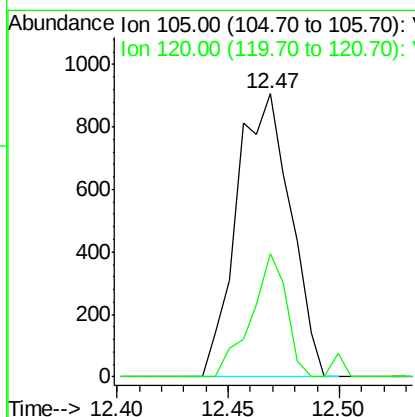
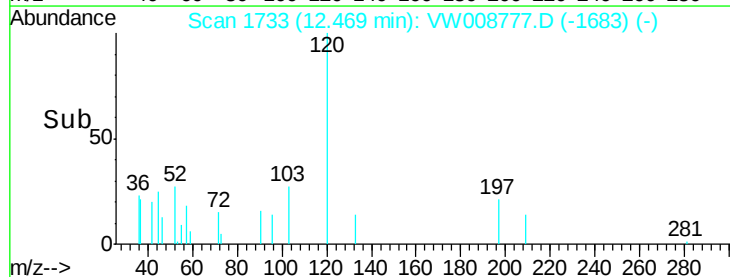
#73

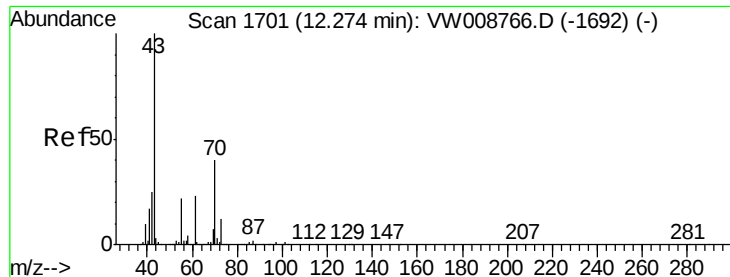
Isopropylbenzene
Concen: 0.094 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Tgt Ion:105 Resp: 1525
Ion Ratio Lower Upper
105 100
120 28.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.214 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

M-11-A-D

Tot Ion: 43 Resp: 869

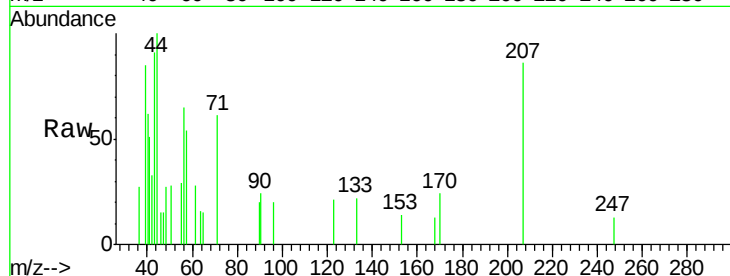
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 20.4 18.7 28.1

61 7.2 18.1 27.1#

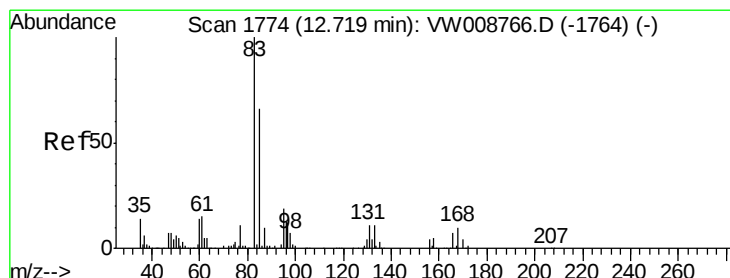
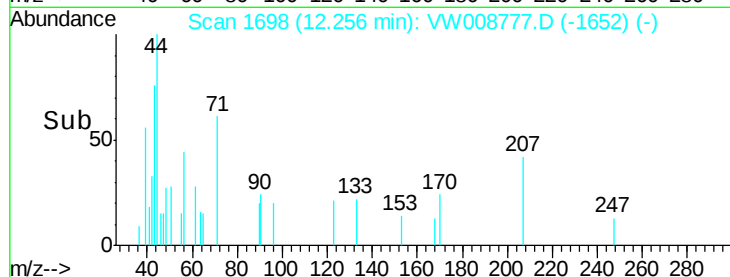
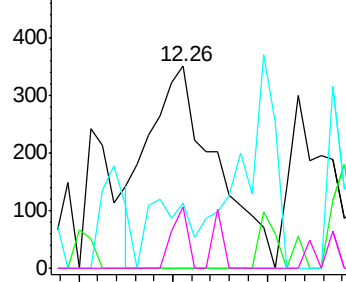


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#75

1,1,2,2-Tetrachloroethane

Concen: 0.028 ug/l

RT: 12.69 min Scan# 1769

Delta R.T. -0.03 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

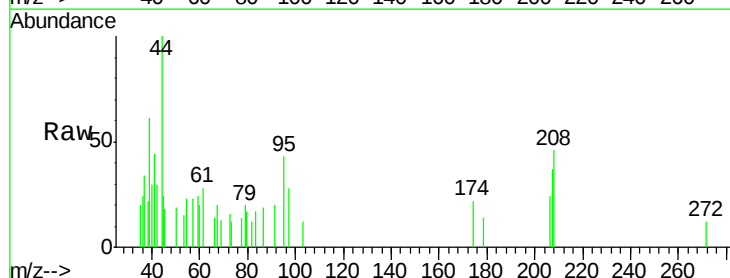
Tgt Ion: 83 Resp: 75

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

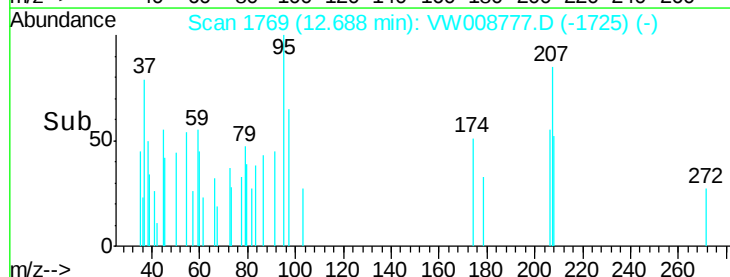
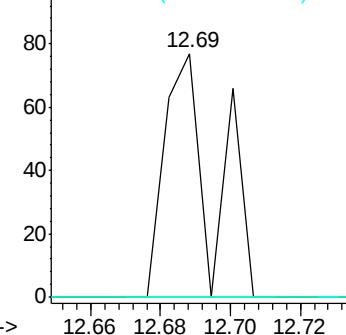
85 0.0 33.0 98.9#

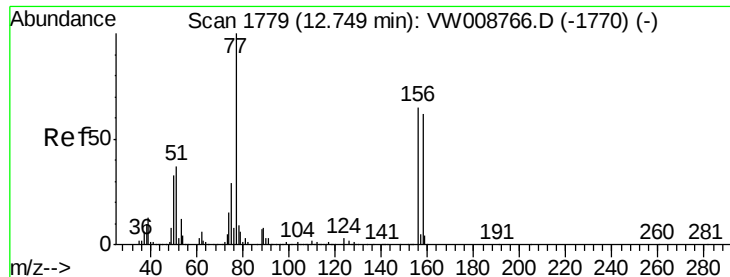


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW





#77

Bromobenzene

Concen: 0.021 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

M-11-A-D

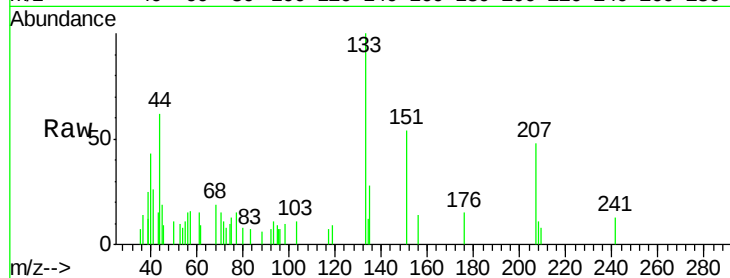
Tot Ion:156 Resp: 82

Ion Ratio Lower Upper

156 100

77 576.8 89.1 267.4#

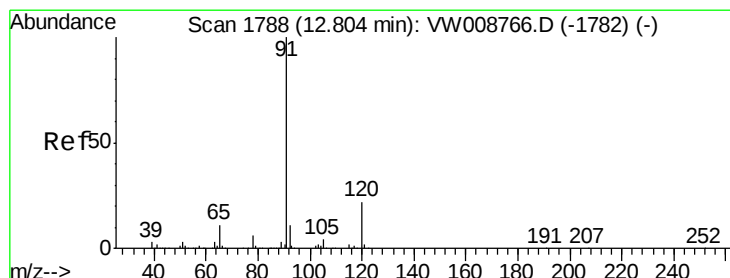
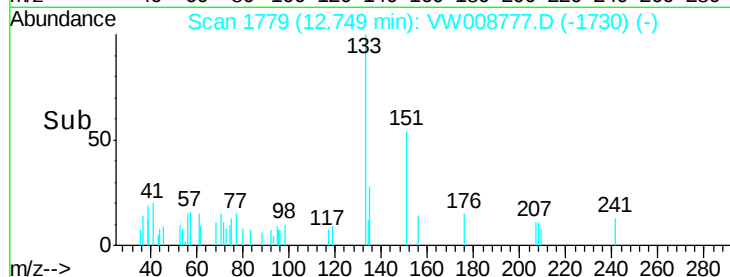
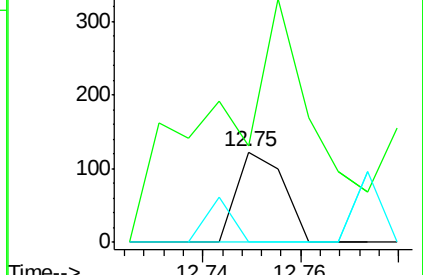
158 28.0 49.2 147.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.210 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008777.D

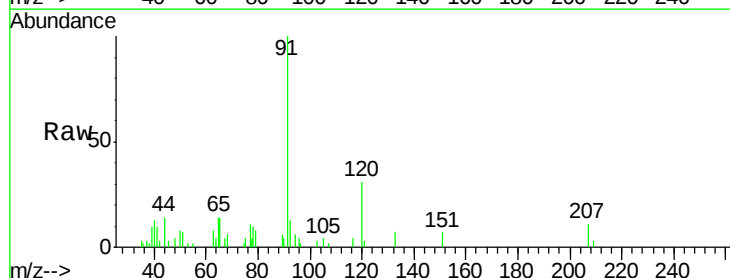
Acq: 21 Feb 2019 18:37

Tgt Ion: 91 Resp: 4141

Ion Ratio Lower Upper

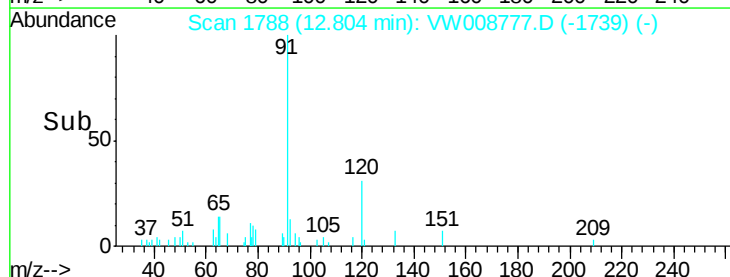
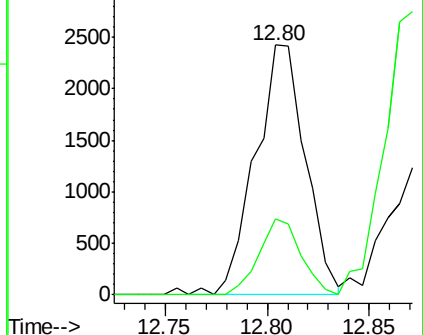
91 100

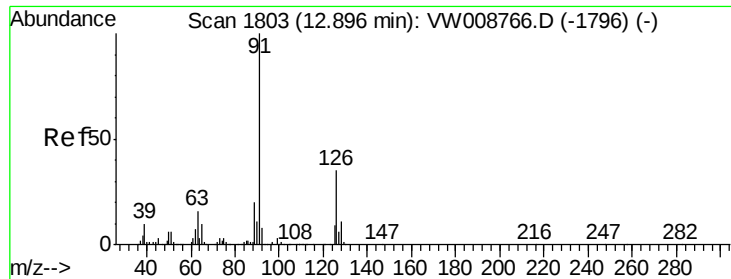
120 25.5 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

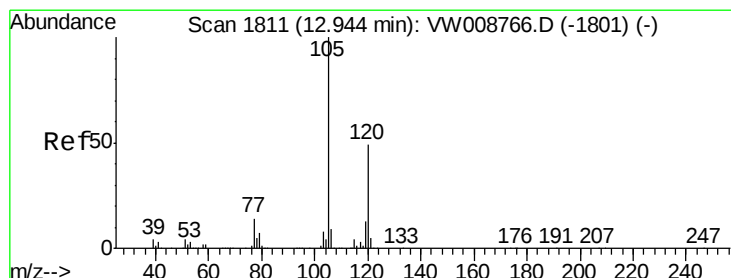
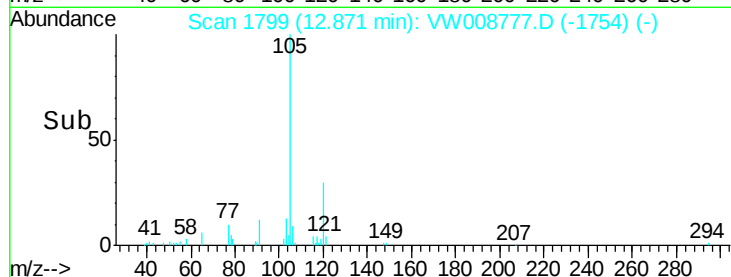
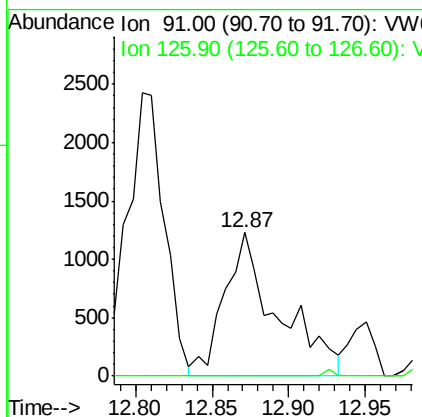
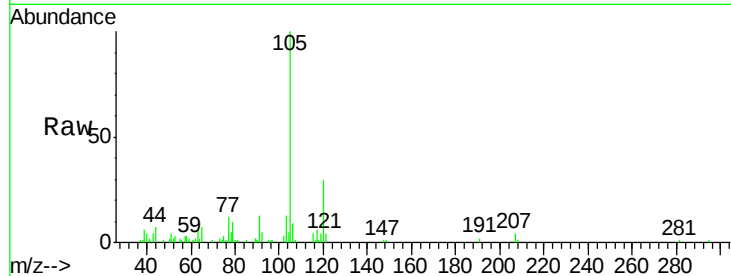




#79
 2-Chlorotoluene
 Concen: 0.264 ug/l
 RT: 12.87 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: VW008777.D
 Acq: 21 Feb 2019 18:37

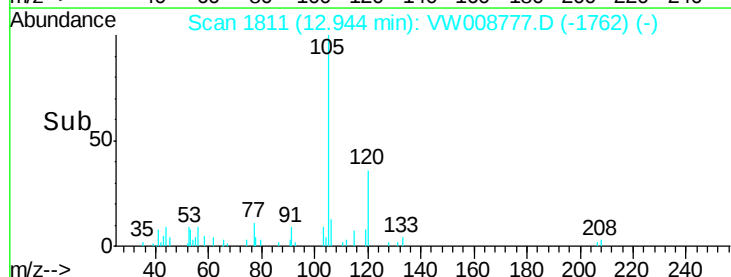
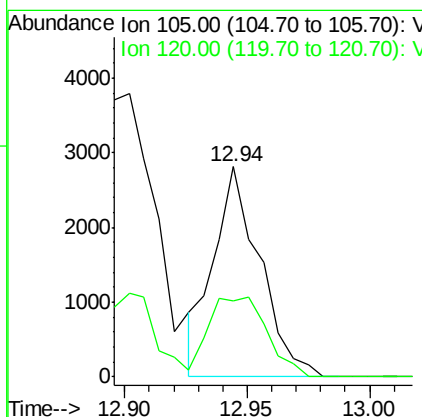
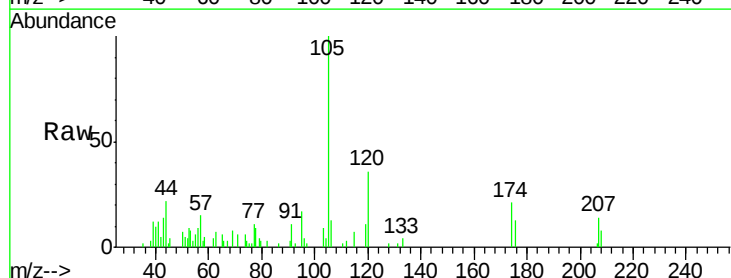
Instrument :
 MSVOA_W
 ClientSampled :
 M-11-A-D

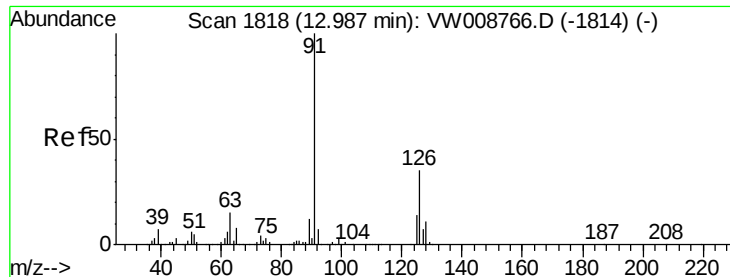
Tot Ion: 91 Resp: 2957
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.0 51.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.263 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008777.D
 Acq: 21 Feb 2019 18:37

Tgt Ion: 105 Resp: 3690
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.8 74.4

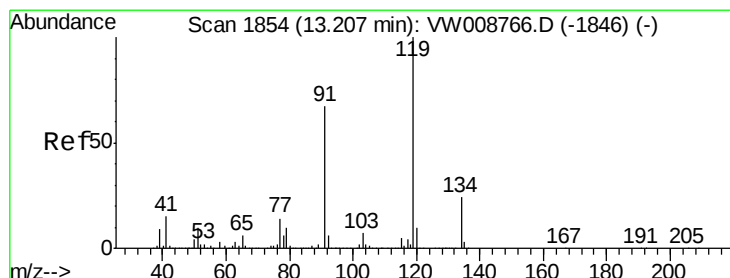
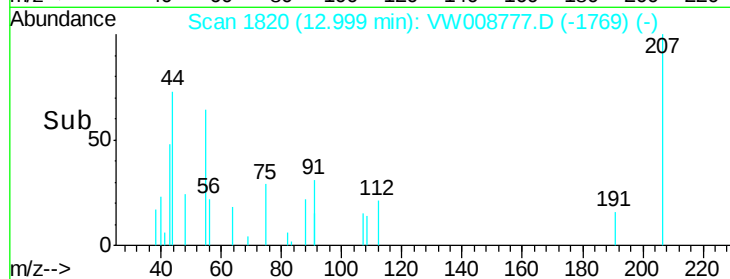
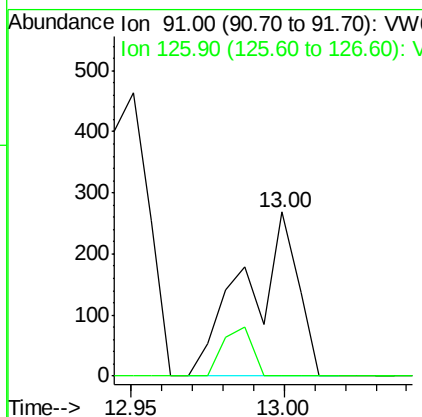
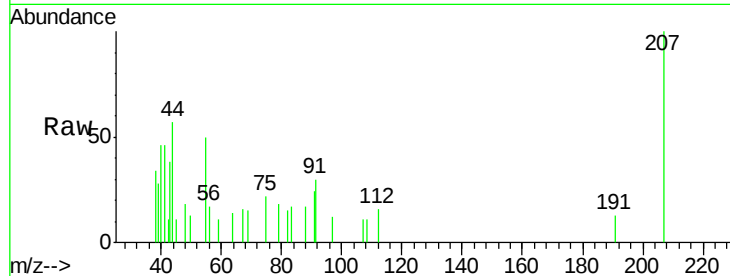




#82
4-Chlorotoluene
Concen: 0.027 ug/l
RT: 13.00 min Scan# 1820
Delta R.T. 0.01 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

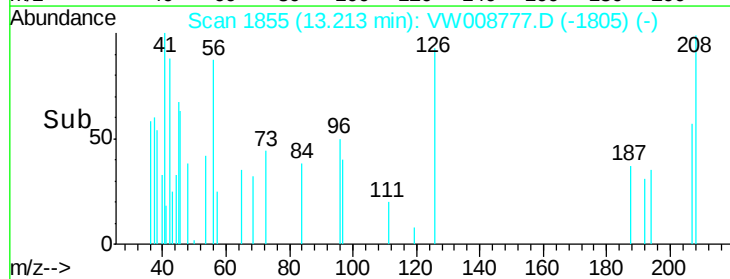
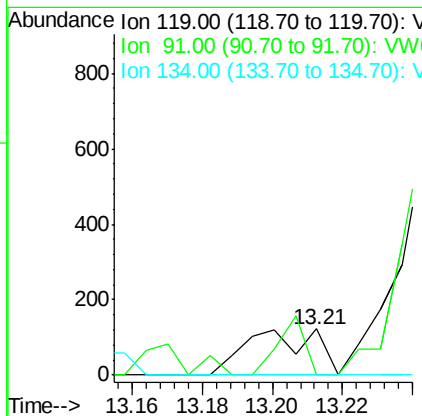
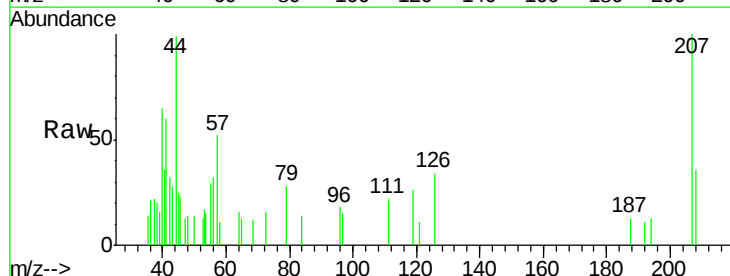
Instrument :
MSVOA_W
ClientSampled :
M-11-A-D

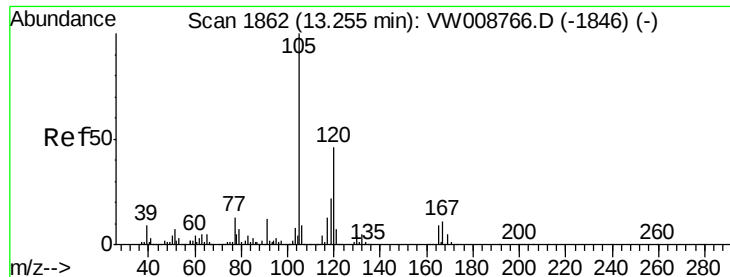
Tot Ion: 91 Resp: 315
Ion Ratio Lower Upper
91 100
126 16.5 17.2 51.6#



#83
tert-Butylbenzene
Concen: 0.014 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.01 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Tgt Ion: 119 Resp: 165
Ion Ratio Lower Upper
119 100
91 50.9 33.6 100.8
134 0.0 13.7 41.1#

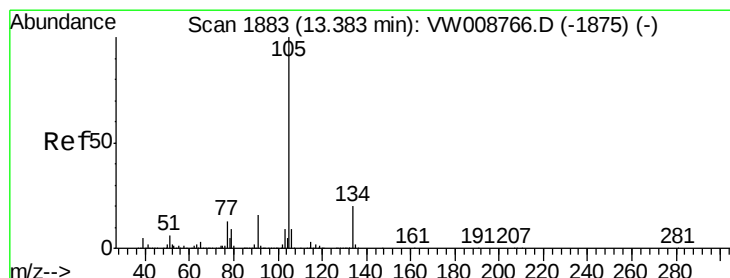
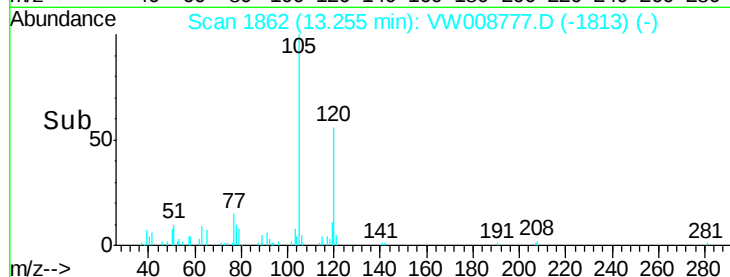
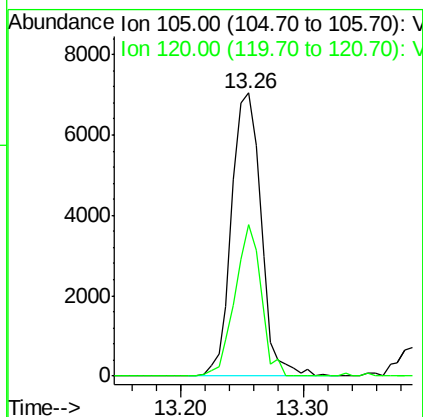
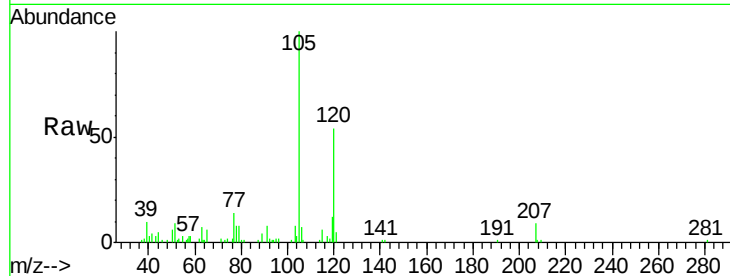




#84
 1,2,4-Trimethylbenzene
 Concen: 0.810 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008777.D
 Acq: 21 Feb 2019 18:37

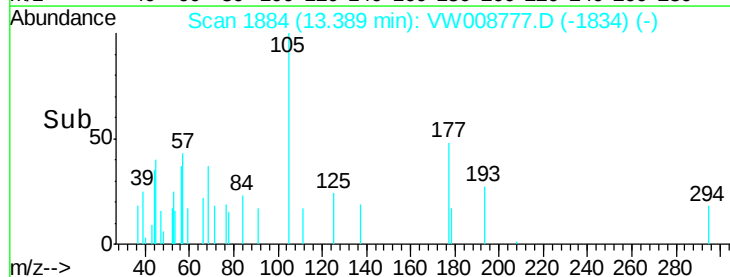
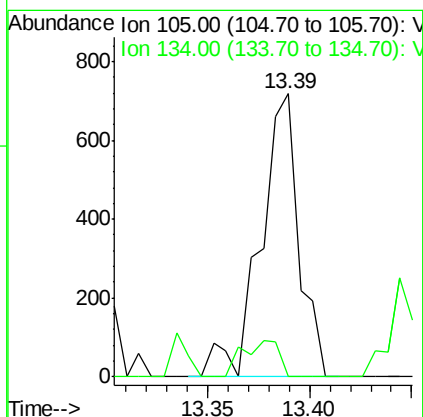
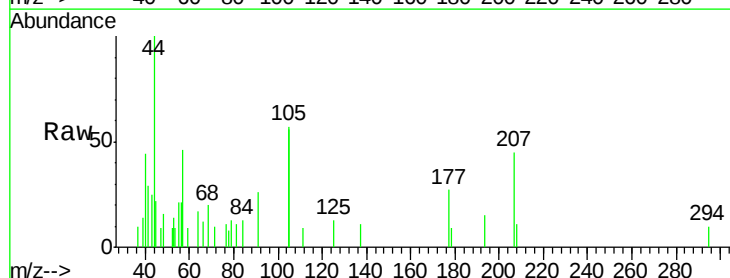
Instrument :
 MSVOA_W
 ClientSampleId :
 M-11-A-D

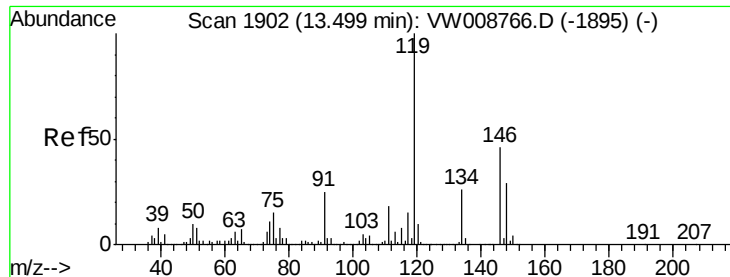
Tot Ion:105 Resp: 11756
 Ion Ratio Lower Upper
 105 100
 120 47.3 22.8 68.4



#85
 sec-Butylbenzene
 Concen: 0.054 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW008777.D
 Acq: 21 Feb 2019 18:37

Tgt Ion:105 Resp: 939
 Ion Ratio Lower Upper
 105 100
 134 12.2 10.4 31.1

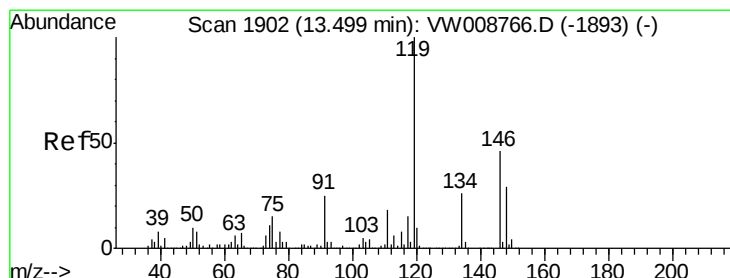
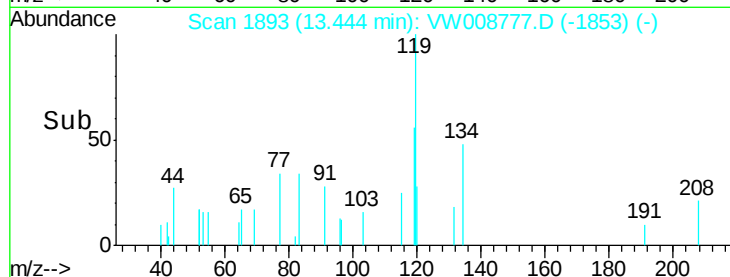
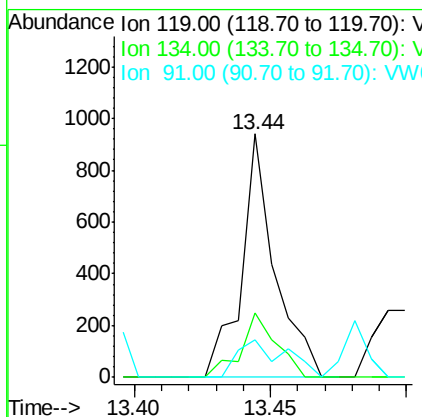
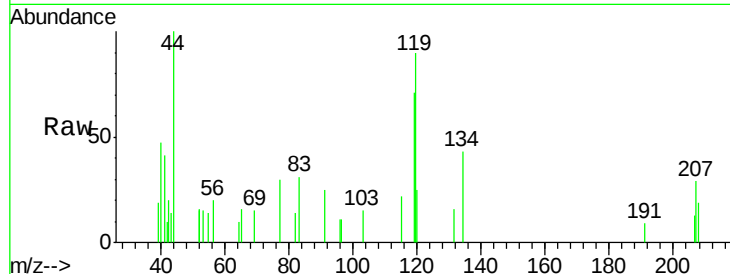




#86
p-Isopropyltoluene
Concen: 0.050 ug/l
RT: 13.44 min Scan# 1893
Delta R.T. -0.05 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

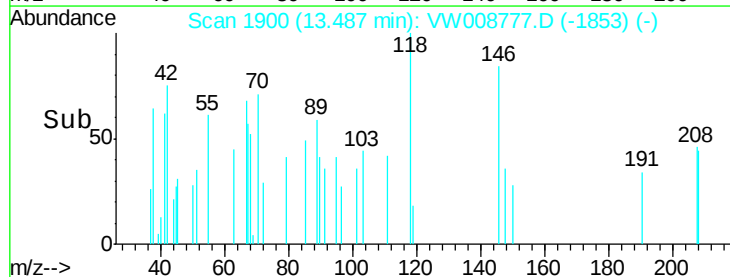
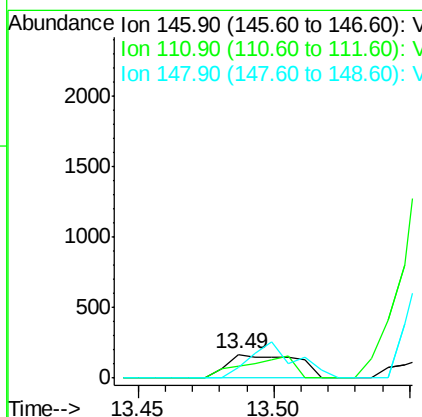
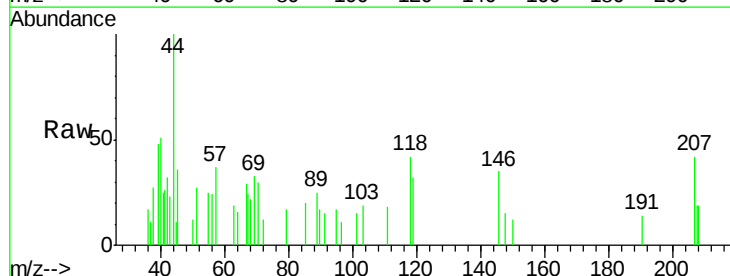
Instrument :
MSVOA_W
ClientSampled :
M-11-A-D

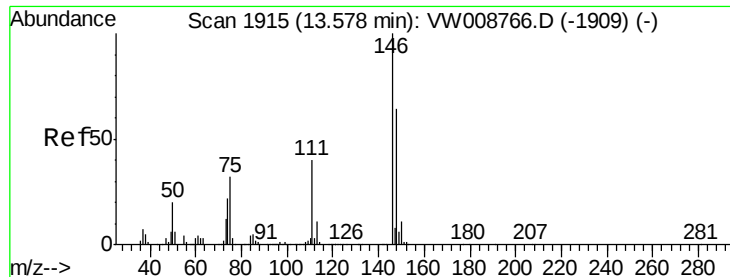
Tot Ion:119 Resp: 797
Ion Ratio Lower Upper
119 100
134 28.1 13.1 39.3
91 22.2 12.1 36.3



#87
1,3-Dichlorobenzene
Concen: 0.038 ug/l
RT: 13.49 min Scan# 1900
Delta R.T. -0.01 min
Lab File: VW008777.D
Acq: 21 Feb 2019 18:37

Tgt Ion:146 Resp: 298
Ion Ratio Lower Upper
146 100
111 65.1 19.9 59.7#
148 99.7 31.6 94.8#

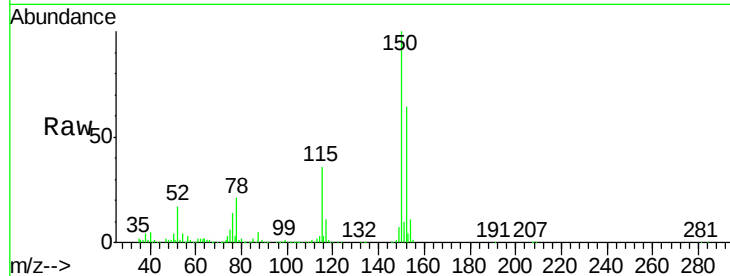




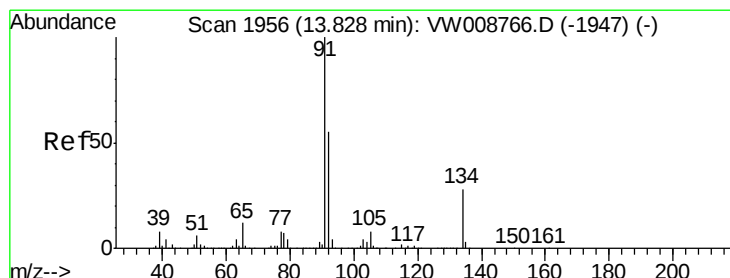
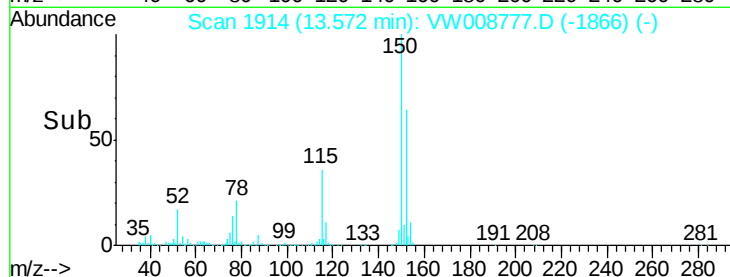
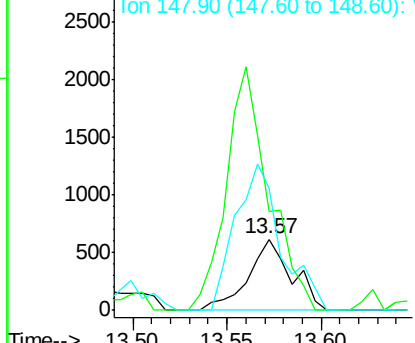
#88
 1,4-Dichlorobenzene
 Concen: 0.127 ug/l
 RT: 13.57 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW008777.D
 Acq: 21 Feb 2019 18:37

Instrument :
 MSVOA_W
 ClientSampled :
 M-11-A-D

Tot Ion:146 Resp: 989
 Ion Ratio Lower Upper
 146 100
 111 333.6 19.3 57.9#
 148 215.5 31.9 95.9#

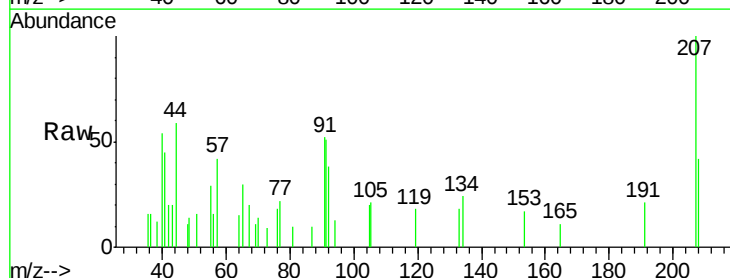


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

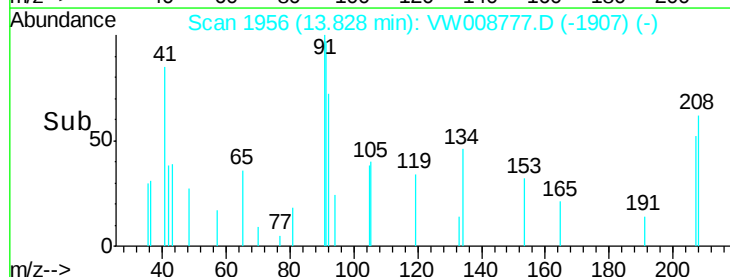
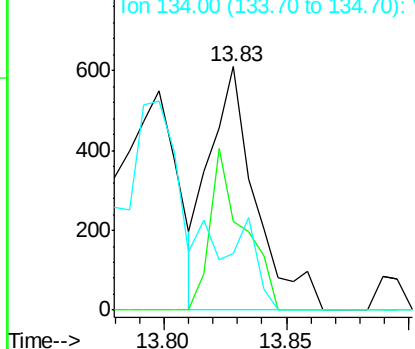


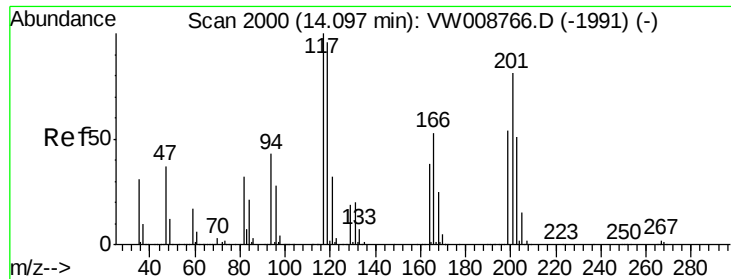
#89
 n-Butylbenzene
 Concen: 0.054 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW008777.D
 Acq: 21 Feb 2019 18:37

Tgt Ion: 91 Resp: 803
 Ion Ratio Lower Upper
 91 100
 92 47.9 26.8 80.4
 134 0.0 13.5 40.4#



Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 92.00 (91.70 to 92.70): VW
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.124 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.01 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

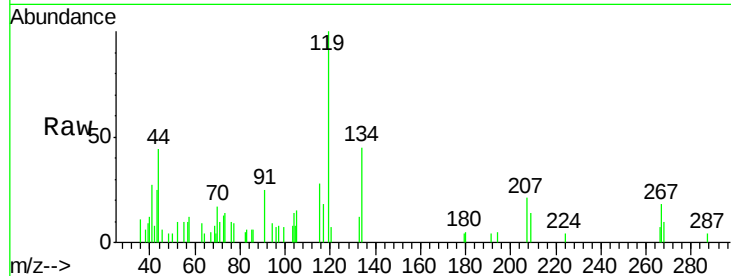
M-11-A-D

Tot Ion:117 Resp: 324

Ion Ratio Lower Upper

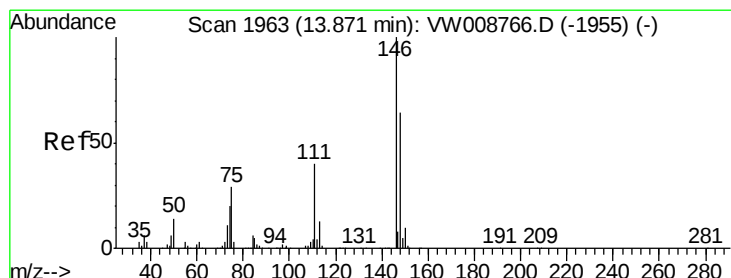
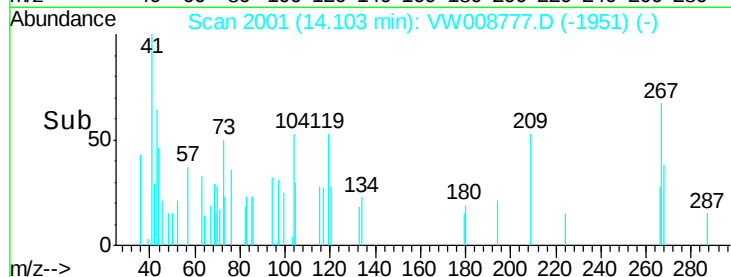
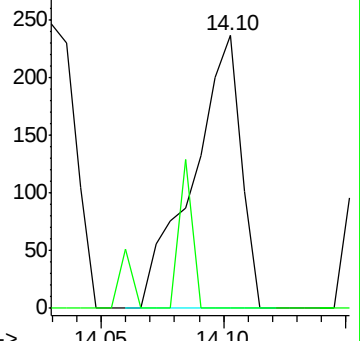
117 100

201 14.5 40.3 120.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.048 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

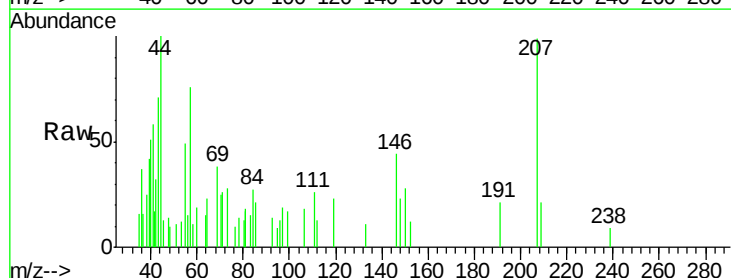
Tgt Ion:146 Resp: 340

Ion Ratio Lower Upper

146 100

111 31.5 20.3 60.8

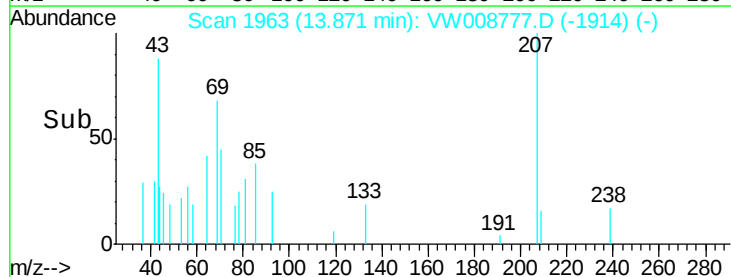
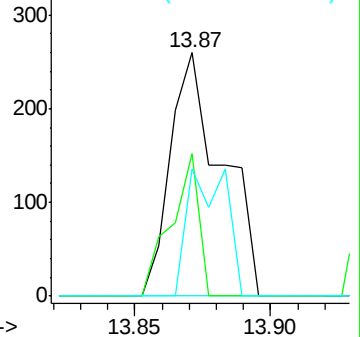
148 39.4 32.5 97.5

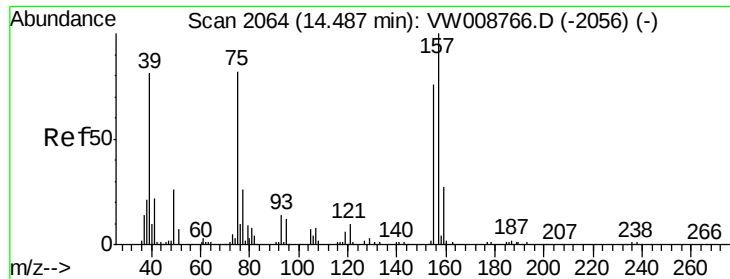


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.069 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.01 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampleId :

M-11-A-D

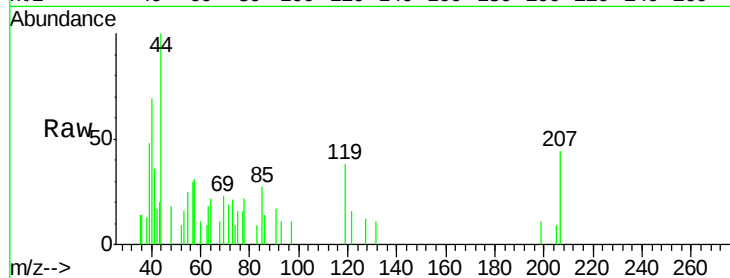
Tot Ion: 75 Resp: 33

Ion Ratio Lower Upper

75 100

155 0.0 41.8 125.4#

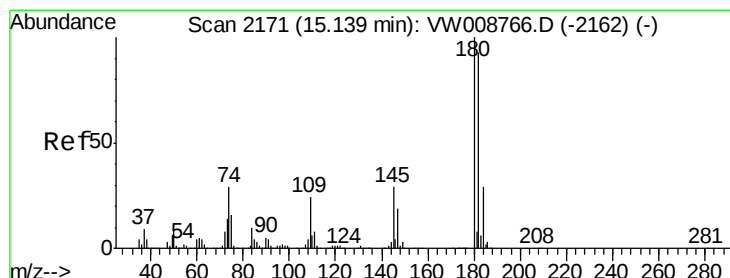
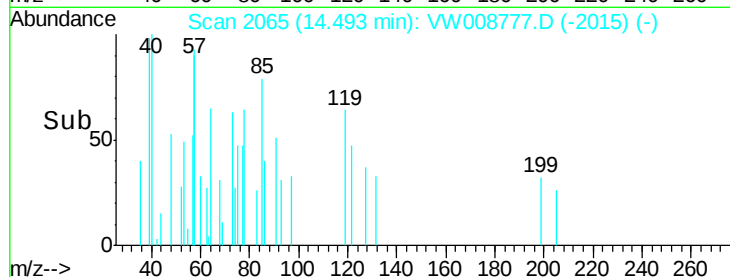
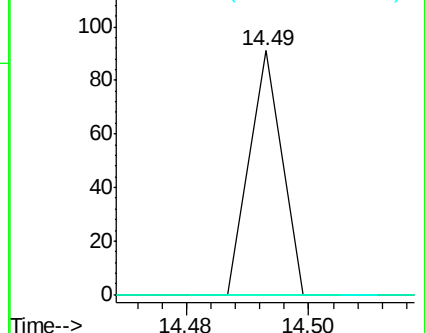
157 0.0 56.6 169.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.111 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.01 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

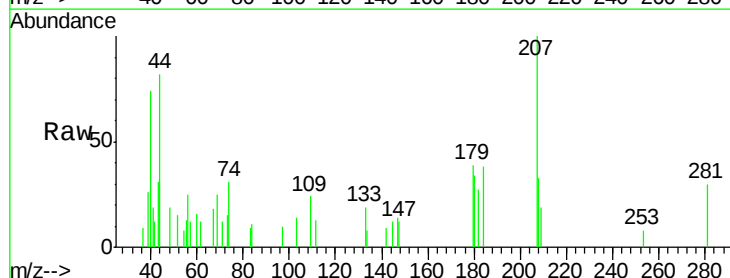
Tgt Ion: 180 Resp: 566

Ion Ratio Lower Upper

180 100

182 99.5 47.2 141.6

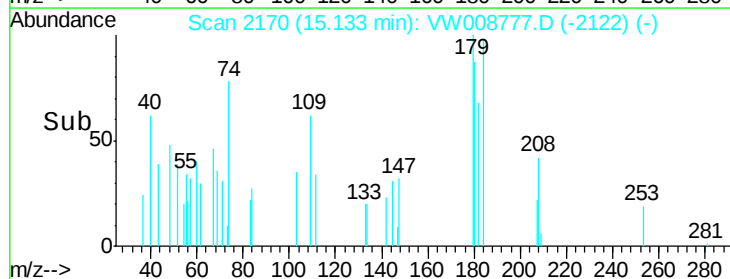
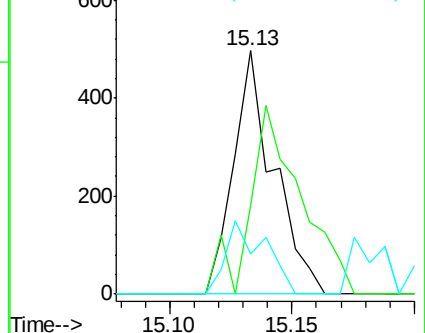
145 29.5 14.4 43.0

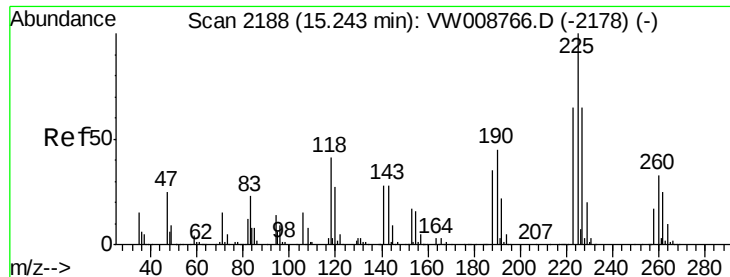


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.029 ug/l

RT: 15.25 min Scan# 2189

Delta R.T. 0.01 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

Instrument :

MSVOA_W

ClientSampled :

M-11-A-D

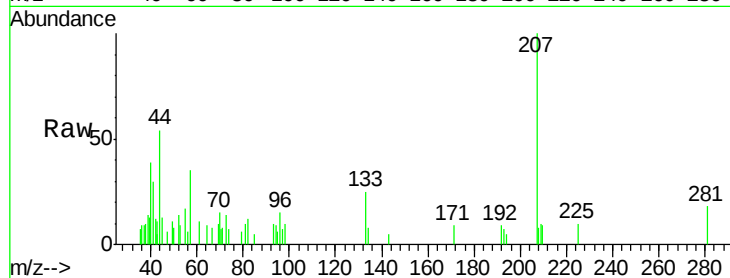
Tot Ion:225 Resp: 87

Ion Ratio Lower Upper

225 100

223 24.1 31.5 94.5#

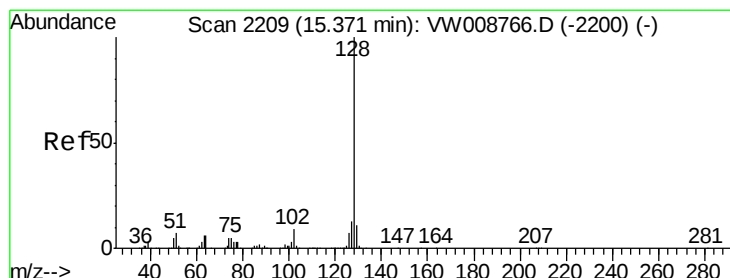
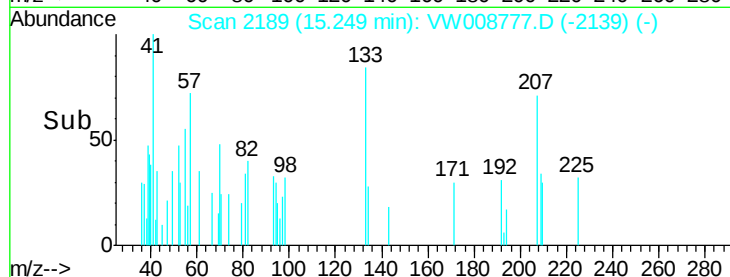
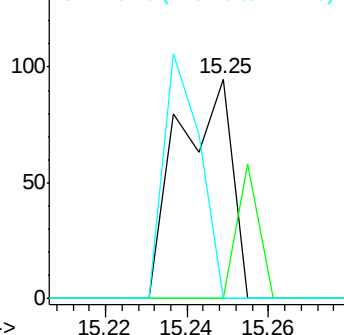
227 74.7 31.6 94.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.470 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008777.D

Acq: 21 Feb 2019 18:37

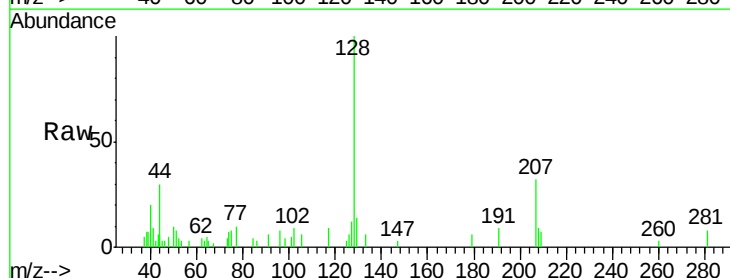
Tgt Ion:128 Resp: 4062

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

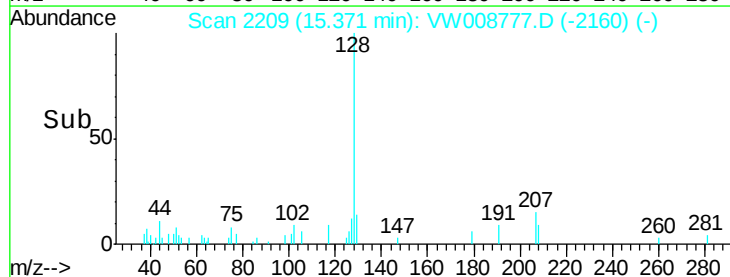
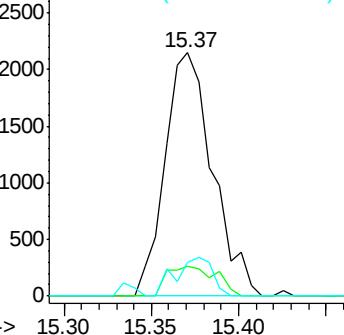
129 12.3 8.7 13.1

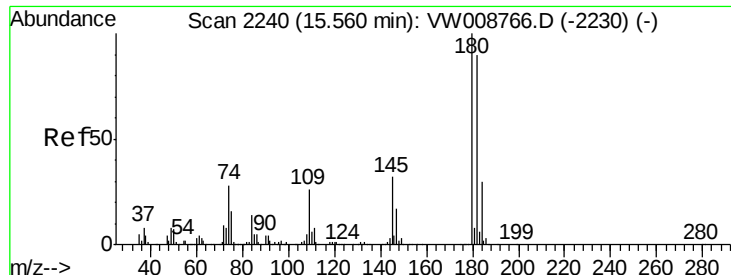


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

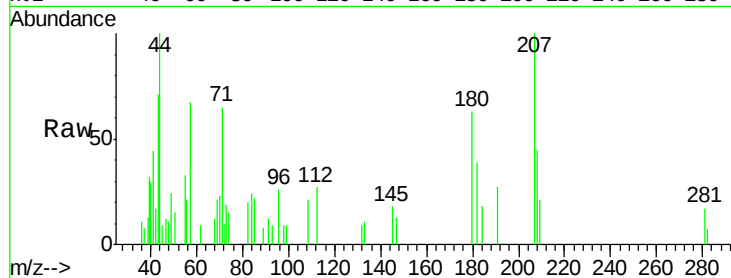




#96
 1,2,3-Trichlorobenzene
 Concen: 0.087 ug/l
 RT: 15.57 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW008777.D
 Acq: 21 Feb 2019 18:37

Instrument :
 MSVOA_W
 ClientSampleId :
 M-11-A-D

Tot Ion	Ratio	Lower	Upper
180	100		
182	141.7	46.9	140.8#
145	35.2	15.9	47.6



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

