

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008776.D
 Acq On : 21 Feb 2019 18:10
 Operator : SY/VA
 Sample : K1538-03
 Misc : 6.30G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 22 01:14:56 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	320428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	484225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	425491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	203895	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	177489	59.06	ug/l	0.00
Spiked Amount			Recovery	=	118.12%	
35) Dibromofluoromethane	7.88	113	148689	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
50) Toluene-d8	10.32	98	571227	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.62	95	199272	45.35	ug/l	0.00
Spiked Amount			Recovery	=	90.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	102	0.032	ug/l #	42
3) Chloromethane	2.21	50	252	0.065	ug/l #	76
4) Vinyl Chloride	2.35	62	45	0.011	ug/l #	1
5) Bromomethane	2.77	94	168	0.055	ug/l #	26
6) Chloroethane	2.89	64	102	0.035	ug/l #	77
7) Trichlorofluoromethane	3.26	101	128	0.024	ug/l #	60
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53	0.017	ug/l #	16
10) Methyl Iodide	4.28	142	382	0.096	ug/l #	75
11) Tert butyl alcohol	5.17	59	193	0.721	ug/l #	1
12) 1,1-Dichloroethene	4.02	96	86	0.031	ug/l #	1
14) Allyl chloride	4.66	41	251	0.052	ug/l #	20
15) Acrylonitrile	5.37	53	203	0.286	ug/l #	71
16) Acetone	4.13	43	32498	46.652	ug/l	96
17) Carbon Disulfide	4.38	76	1253	0.135	ug/l #	34
19) Methyl tert-butyl Ether	5.42	73	316	0.042	ug/l #	1
21) trans-1,2-Dichloroethene	5.42	96	341	0.105	ug/l #	12
22) Diisopropyl ether	6.31	45	104	0.011	ug/l #	35
23) Vinyl Acetate	6.25	43	126	0.021	ug/l #	73
24) 1,1-Dichloroethane	6.17	63	34	0.006	ug/l #	82
26) 2,2-Dichloropropane	7.18	77	23	0.005	ug/l #	54
27) cis-1,2-Dichloroethene	6.92	96	133	0.038	ug/l	11
28) Bromochloromethane	7.50	49	55	0.023	ug/l #	13
30) Chloroform	7.68	83	466	0.081	ug/l #	63
32) 1,1,1-Trichloroethane	7.86	97	53	0.010	ug/l #	24
37) Ethyl Acetate	7.25	43	373	0.170	ug/l #	60
39) Methylcyclohexane	9.34	83	1479	0.252	ug/l #	78
40) Benzene	8.32	78	3938	0.306	ug/l #	90
41) Methacrylonitrile	7.49	41	141	0.109	ug/l #	43
42) 1,2-Dichloroethane	8.39	62	694	0.170	ug/l	84
43) Isopropyl Acetate	8.43	43	248	0.057	ug/l #	62
44) Trichloroethene	9.10	130	48	0.013	ug/l	3
45) 1,2-Dichloropropane	9.41	63	70	0.022	ug/l #	43
46) Dibromomethane	9.52	93	74	0.042	ug/l #	21
47) Bromodichloromethane	9.66	83	40	0.009	ug/l #	24

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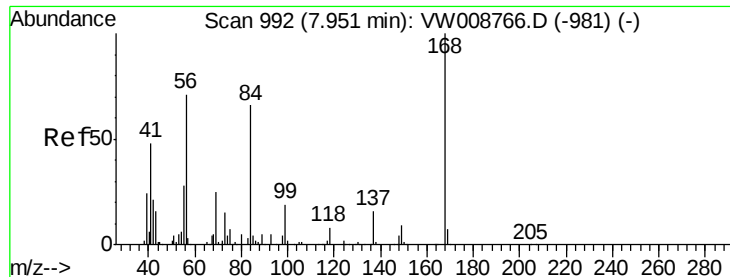
Instrument :
 MSVOA_W
 ClientSampleId :
 M-11-A-S

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

48) Methyl methacrylate	9.43	41	259	0.124	ug/l #	57
49) 1,4-Dioxane	9.44	88	23	0.812	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	319	0.144	ug/l #	34
52) Toluene	10.38	92	5957	0.682	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	59	0.013	ug/l #	88
54) cis-1,3-Dichloropropene	10.10	75	76	0.015	ug/l #	24
55) 1,1,2-Trichloroethane	10.80	97	94	0.039	ug/l #	28
56) Ethyl methacrylate	10.66	69	288	0.092	ug/l #	57
57) 1,3-Dichloropropane	10.93	76	49	0.012	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.93	63	42	0.027	ug/l #	45
59) 2-Hexanone	11.13	43	164	0.104	ug/l	100
60) Dibromochloromethane	10.91	129	46	0.016	ug/l #	10
64) Tetrachloroethene	10.86	164	118	0.039	ug/l #	1
65) Chlorobenzene	11.65	112	248	0.028	ug/l #	30
66) 1,1,1,2-Tetrachloroethane	11.80	131	19	0.006	ug/l #	44
67) Ethyl Benzene	11.73	91	3159	0.198	ug/l	93
68) m/p-Xylenes	11.83	106	3387	0.530	ug/l	88
69) o-Xylene	12.17	106	1702	0.284	ug/l	89
70) Styrene	12.18	104	455	0.047	ug/l #	15
71) Bromoform	12.16	173	48	0.030	ug/l #	29
73) Isopropylbenzene	12.47	105	528	0.038	ug/l #	69
74) N-amyl acetate	12.23	43	375	0.107	ug/l #	72
77) Bromobenzene	12.74	156	45	0.014	ug/l #	1
78) n-propylbenzene	12.81	91	1274	0.075	ug/l	98
79) 2-Chlorotoluene	12.91	91	337	0.035	ug/l	76
80) 1,3,5-Trimethylbenzene	12.95	105	1478	0.122	ug/l	86
82) 4-Chlorotoluene	12.99	91	415	0.041	ug/l	72
83) tert-Butylbenzene	13.21	119	93	0.009	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.26	105	4349	0.346	ug/l	99
85) sec-Butylbenzene	13.40	105	411	0.027	ug/l	93
86) p-Isopropyltoluene	13.44	119	471	0.034	ug/l	91
87) 1,3-Dichlorobenzene	13.50	146	527	0.077	ug/l	94
88) 1,4-Dichlorobenzene	13.50	146	527	0.078	ug/l	93
89) n-Butylbenzene	13.82	91	671	0.052	ug/l #	25
90) Hexachloroethane	14.33	117	52	0.023	ug/l	76
91) 1,2-Dichlorobenzene	13.88	146	403	0.066	ug/l #	80
92) 1,2-Dibromo-3-Chloropropan	14.51	75	121	0.293	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.14	180	511	0.116	ug/l #	55
94) Hexachlorobutadiene	15.23	225	19	0.007	ug/l #	1
95) Naphthalene	15.37	128	4139	0.553	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	644	0.169	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

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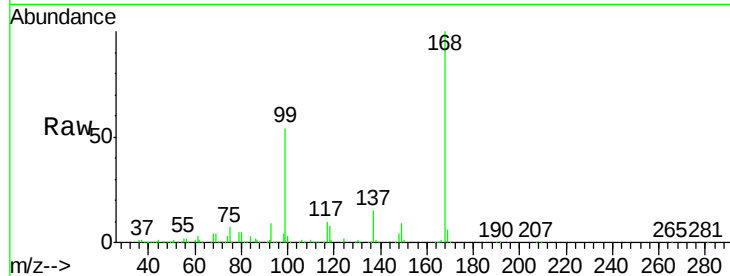
M-11-A-S

Tot Ion:168 Resp: 320428

Ion Ratio Lower Upper

168 100

99 53.9 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

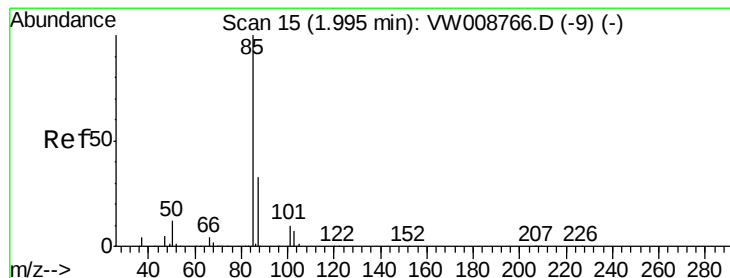
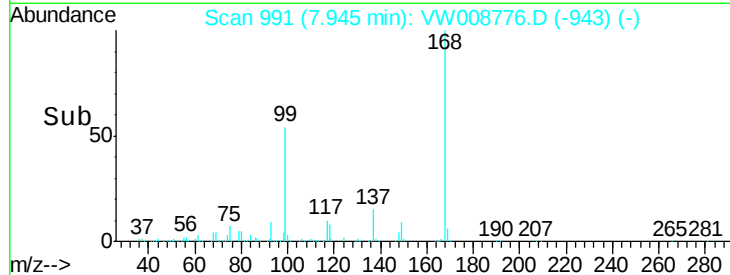
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 0.032 ug/l

RT: 1.99 min Scan# 14

Delta R.T. -0.01 min

Lab File: VW008776.D

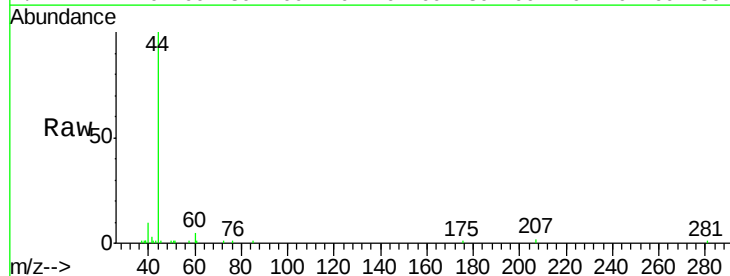
Acq: 21 Feb 2019 18:10

Tgt Ion: 85 Resp: 102

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

200

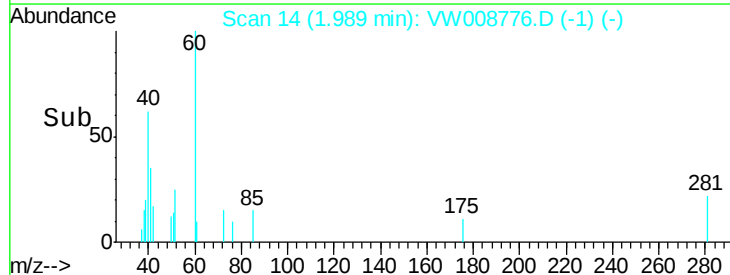
150

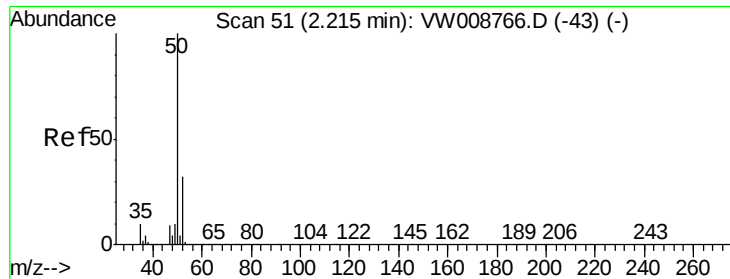
100

50

0

Time--> 1.96 1.98 2.00 2.02





#3

Chloromethane

Concen: 0.065 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

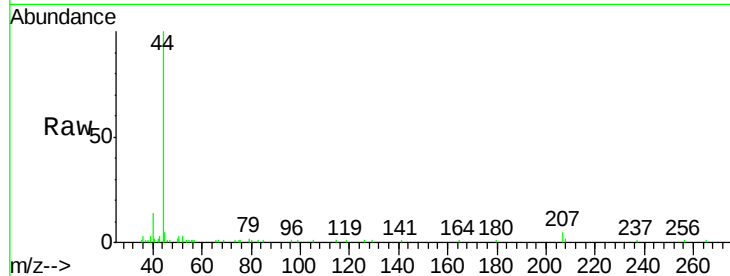
M-11-A-S

Tot Ion: 50 Resp: 252

Ion Ratio Lower Upper

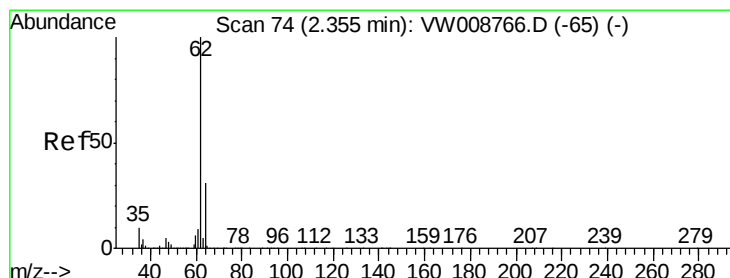
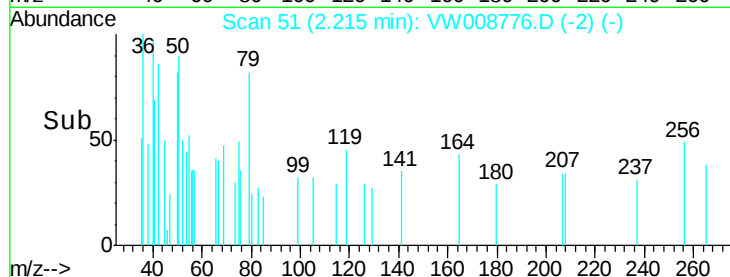
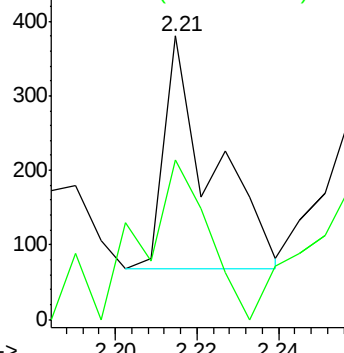
50 100

52 45.8 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 0.011 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008776.D

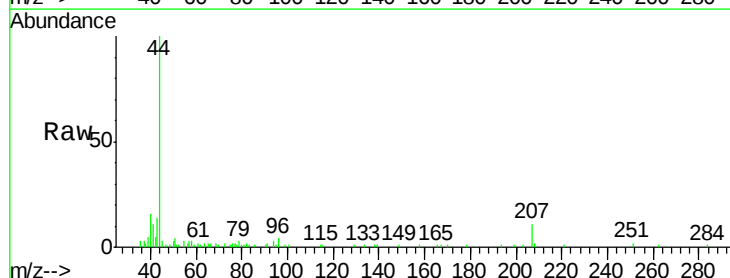
Acq: 21 Feb 2019 18:10

Tgt Ion: 62 Resp: 45

Ion Ratio Lower Upper

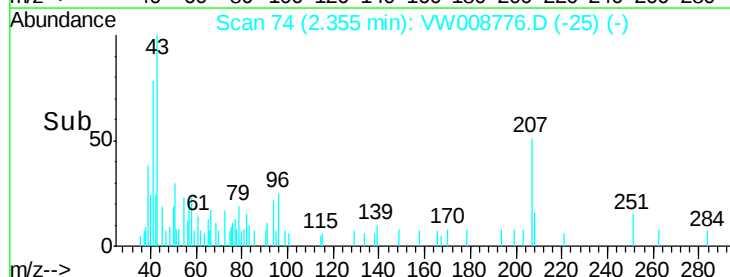
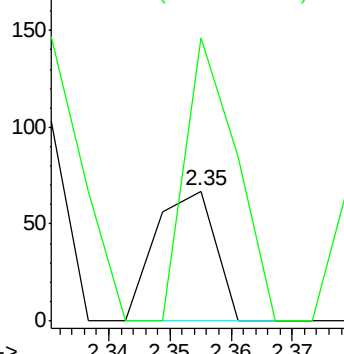
62 100

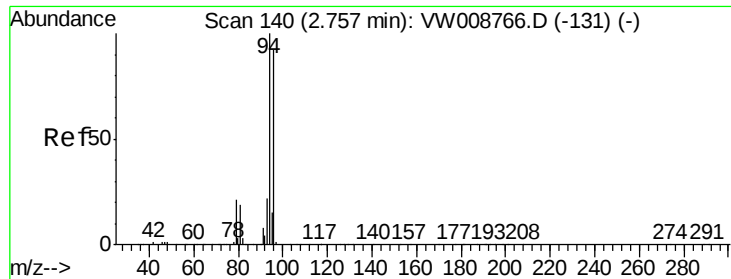
64 217.9 24.9 37.3#



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 0.055 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

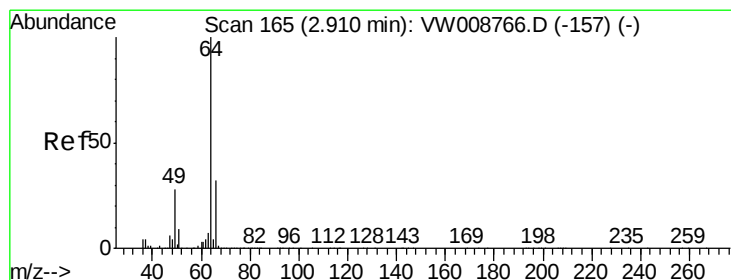
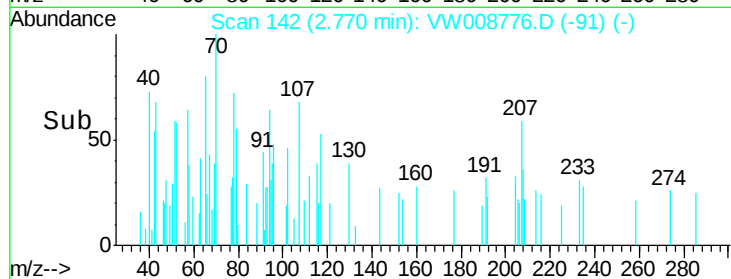
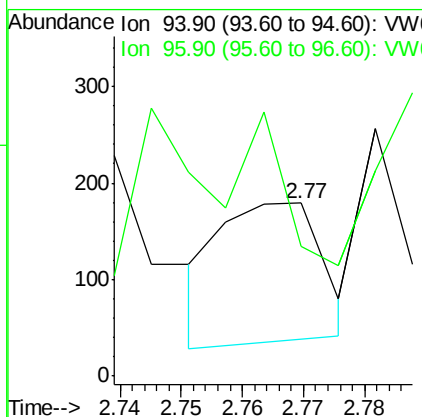
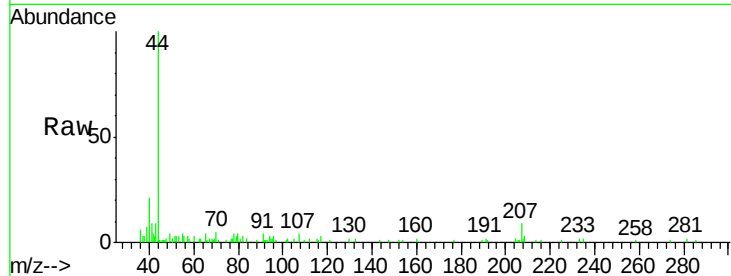
M-11-A-S

Tot Ion: 94 Resp: 168

Ion Ratio Lower Upper

94 100

96 21.2 73.4 110.2#



#6

Chloroethane

Concen: 0.035 ug/l

RT: 2.89 min Scan# 162

Delta R.T. -0.02 min

Lab File: VW008776.D

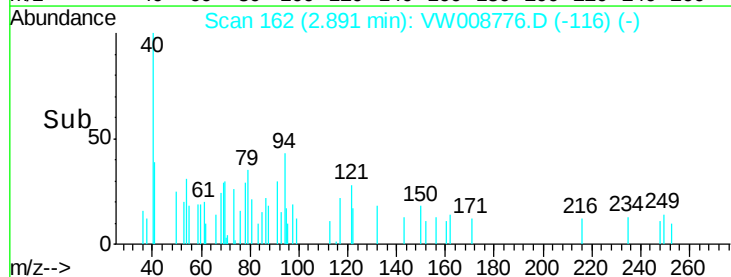
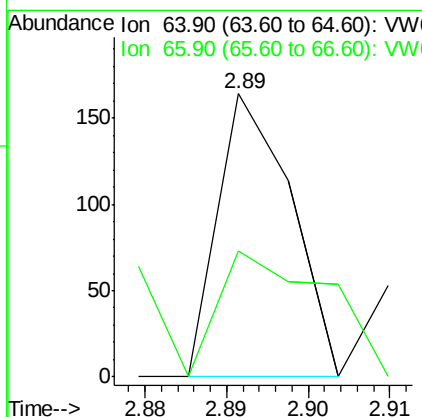
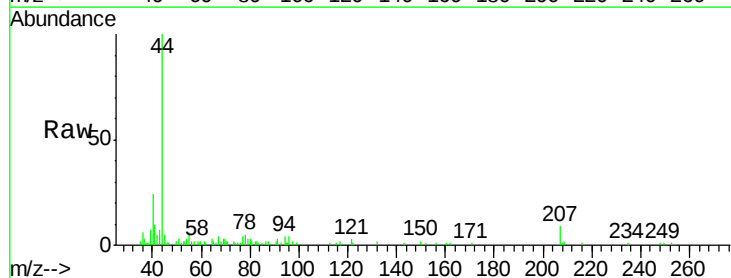
Acq: 21 Feb 2019 18:10

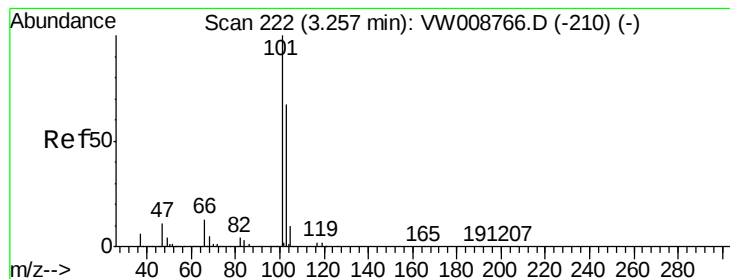
Tgt Ion: 64 Resp: 102

Ion Ratio Lower Upper

64 100

66 44.5 25.5 38.3#



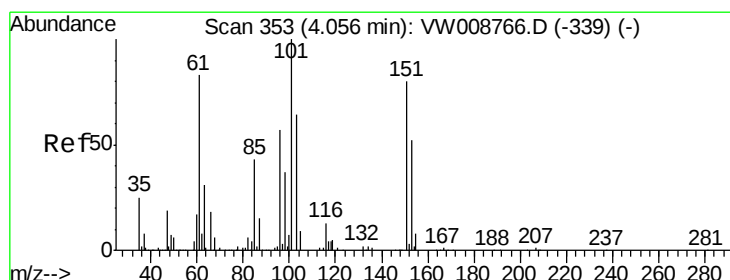
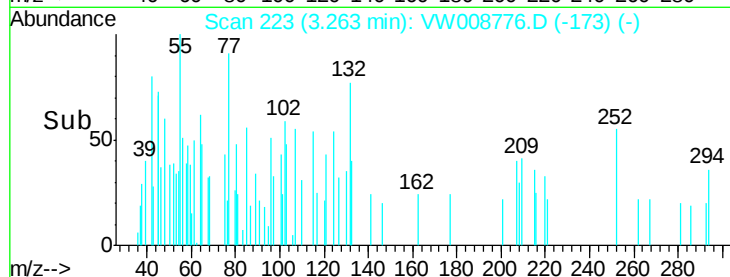
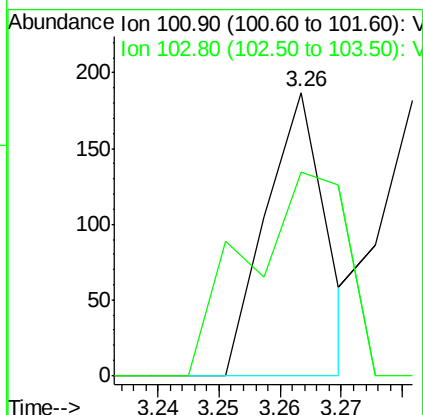
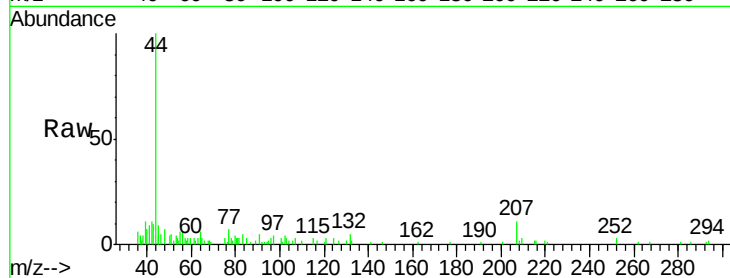


#7

Trichlorofluoromethane
 Concen: 0.024 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: VW008776.D
 Acq: 21 Feb 2019 18:10

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

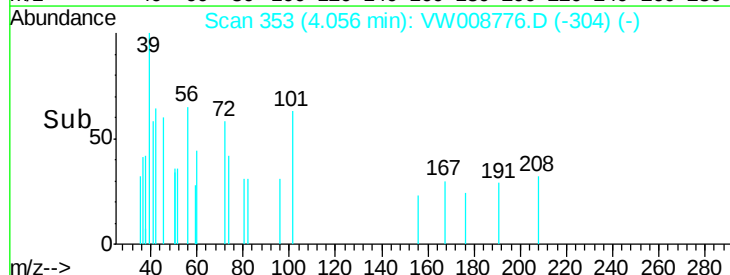
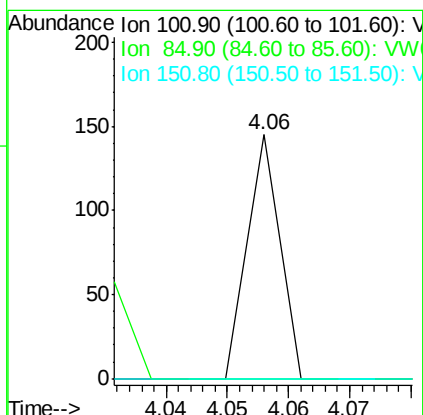
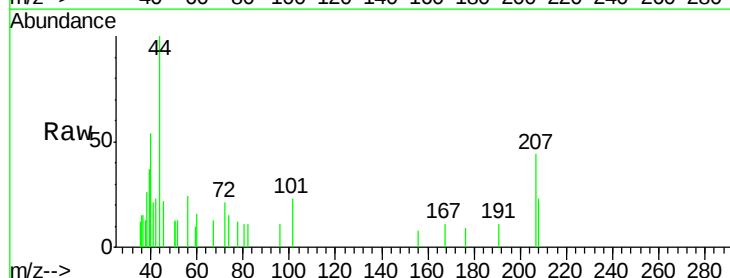
Tot Ion:101 Resp: 128
 Ion Ratio Lower Upper
 101 100
 103 35.3 53.9 80.9#

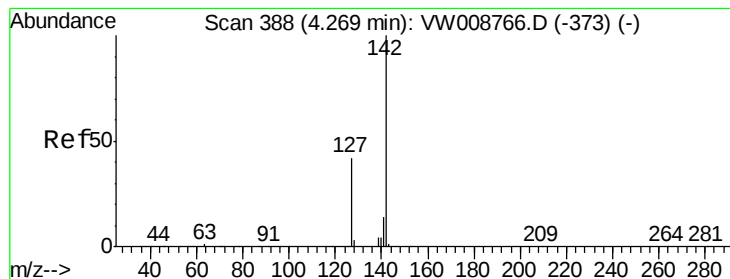


#9

1,1,2-Trichlorotrifluoroethane
 Concen: 0.017 ug/l
 RT: 4.06 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VW008776.D
 Acq: 21 Feb 2019 18:10

Tgt Ion:101 Resp: 53
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.0 54.0#
 151 0.0 65.5 98.3#





#10

Methvl Iodide

Concen: 0.096 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

M-11-A-S

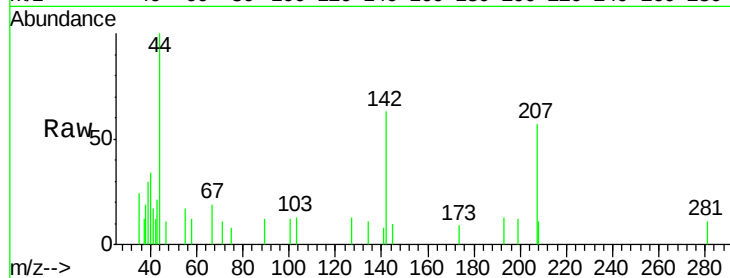
Tot Ion:142 Resp: 382

Ion Ratio Lower Upper

142 100

127 63.4 35.3 52.9#

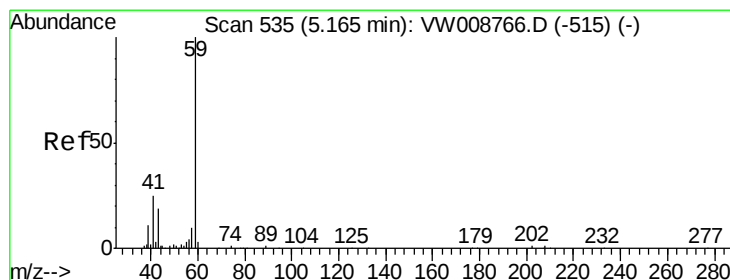
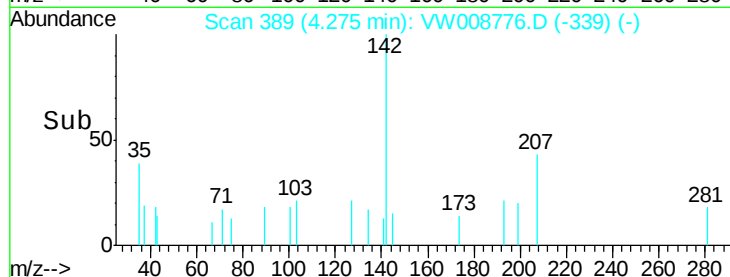
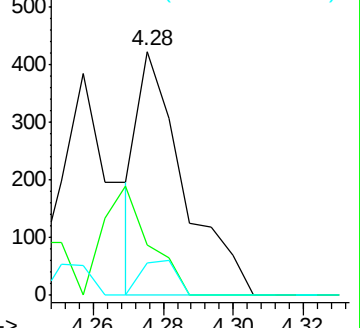
141 11.0 11.7 17.5#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 0.721 ug/l

RT: 5.17 min Scan# 535

Delta R.T. 0.00 min

Lab File: VW008776.D

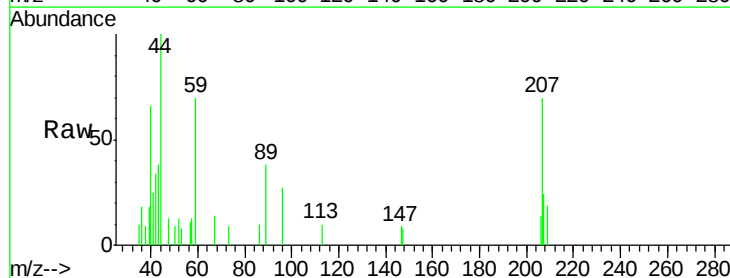
Acq: 21 Feb 2019 18:10

Tgt Ion: 59 Resp: 193

Ion Ratio Lower Upper

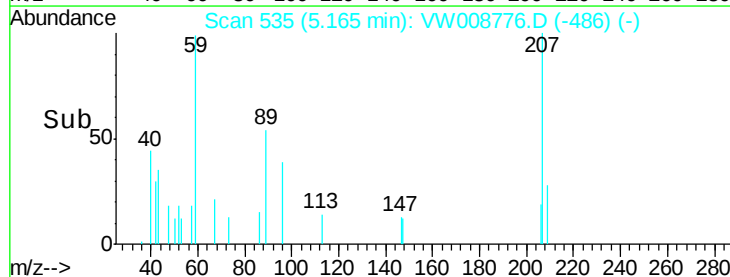
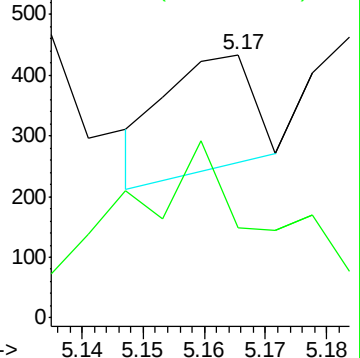
59 100

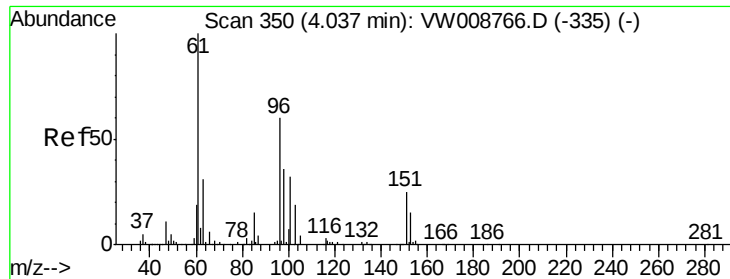
57 268.4 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#12

1,1-Dichloroethene

Concen: 0.031 ug/l

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW008776.D

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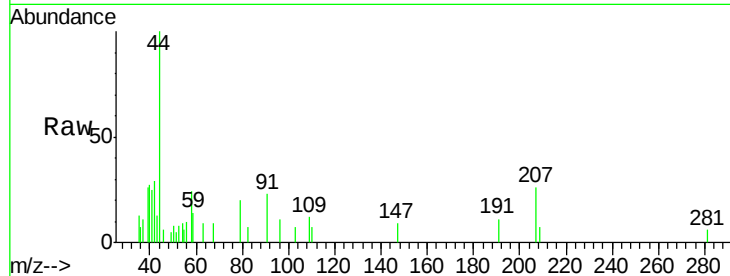
Tot Ion: 96 Resp: 86

Ion Ratio Lower Upper

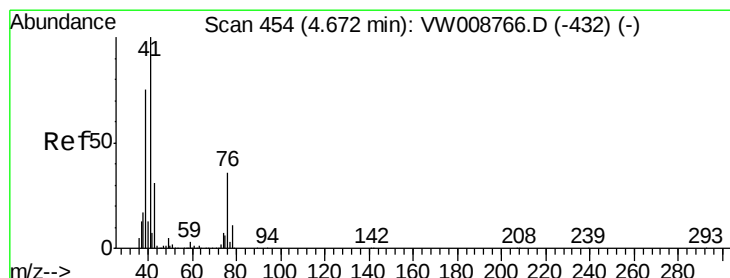
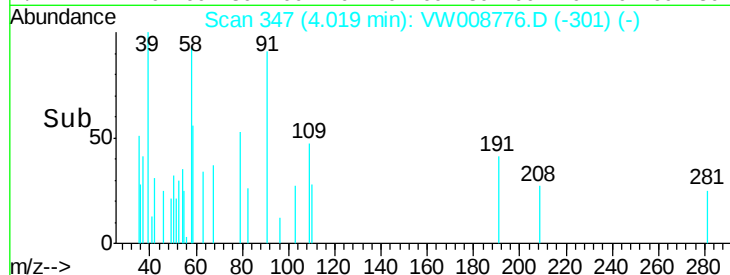
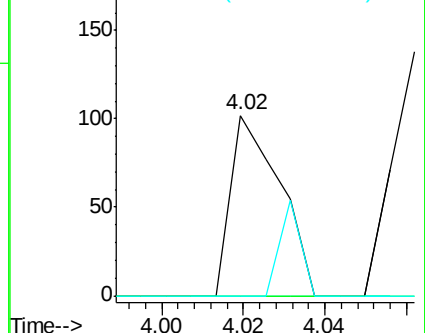
96 100

61 0.0 132.5 198.7#

98 0.0 48.2 72.4#



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#14

Allyl chloride

Concen: 0.052 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

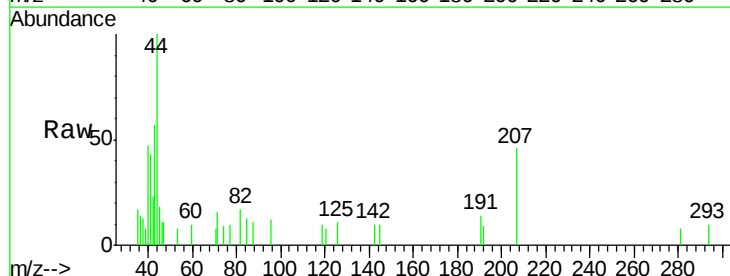
Tgt Ion: 41 Resp: 251

Ion Ratio Lower Upper

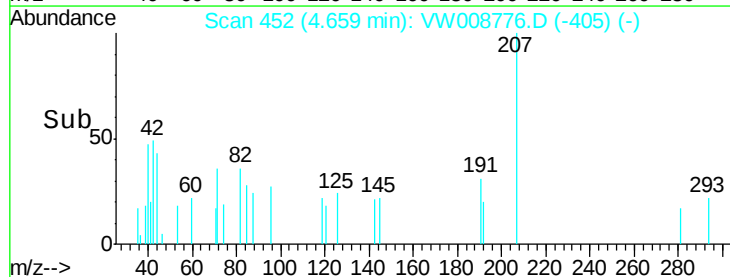
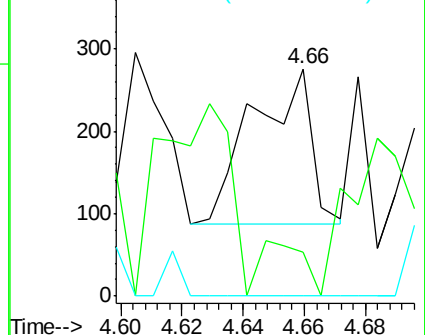
41 100

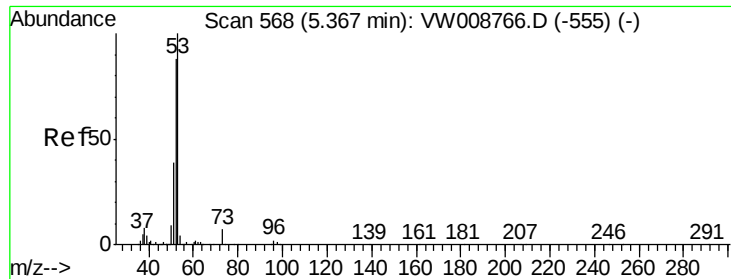
39 0.0 60.6 91.0#

76 0.0 28.6 42.8#



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 0.286 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

M-11-A-S

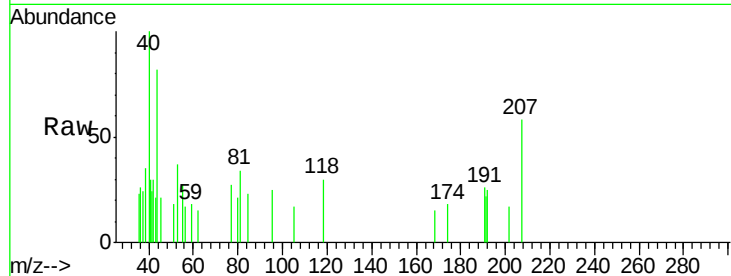
Tot Ion: 53 Resp: 203

Ion Ratio Lower Upper

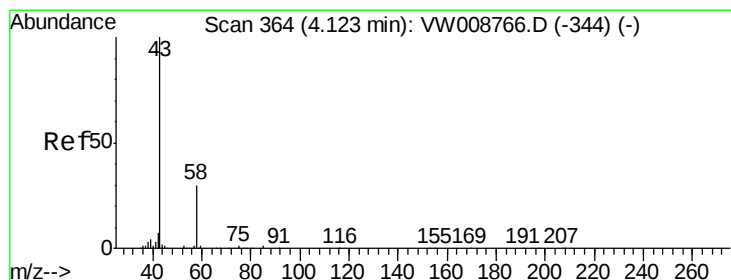
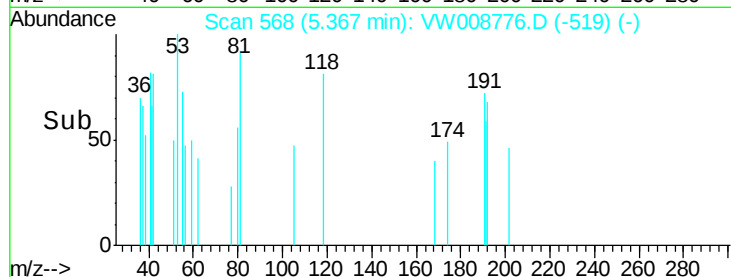
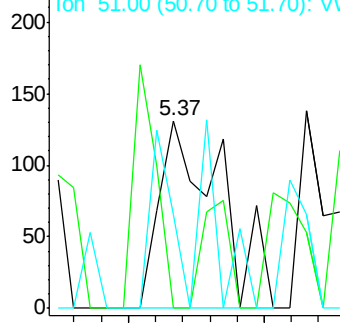
53 100

52 48.8 67.2 100.8#

51 34.5 31.1 46.7



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 46.652 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008776.D

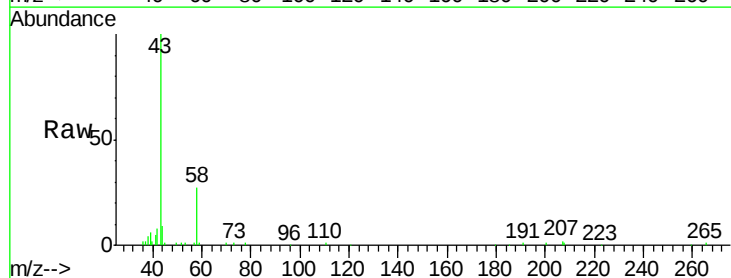
Acq: 21 Feb 2019 18:10

Tgt Ion: 43 Resp: 32498

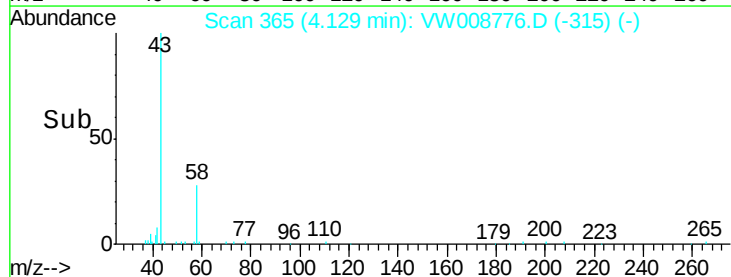
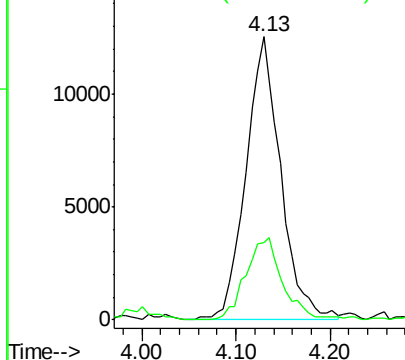
Ion Ratio Lower Upper

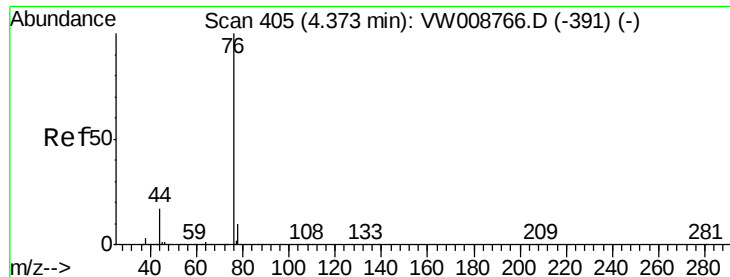
43 100

58 27.5 23.8 35.6



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





#17

Carbon Disulfide

Concen: 0.135 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

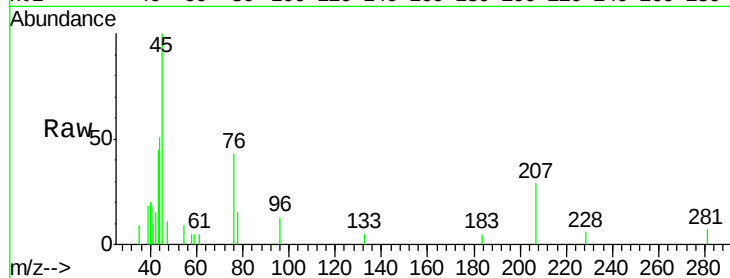
M-11-A-S

Tot Ion: 76 Resp: 1253

Ion Ratio Lower Upper

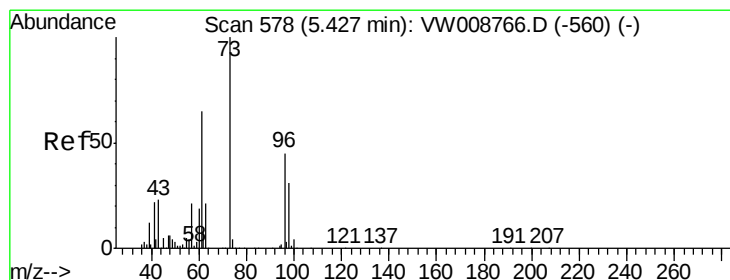
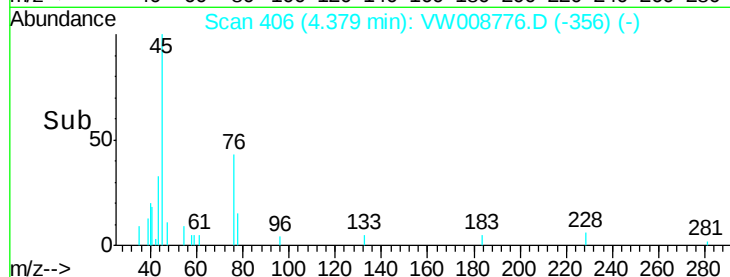
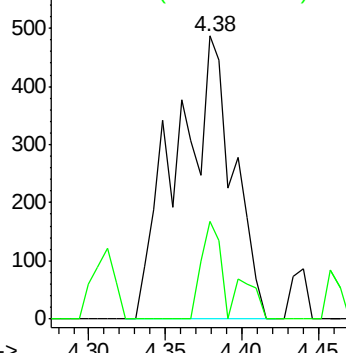
76 100

78 34.3 7.8 11.8#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#19

Methyl tert-butyl Ether

Concen: 0.042 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW008776.D

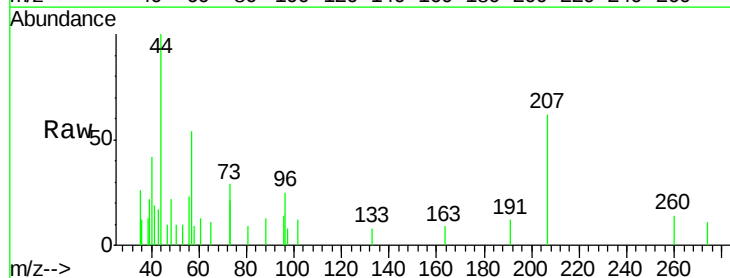
Acq: 21 Feb 2019 18:10

Tgt Ion: 73 Resp: 316

Ion Ratio Lower Upper

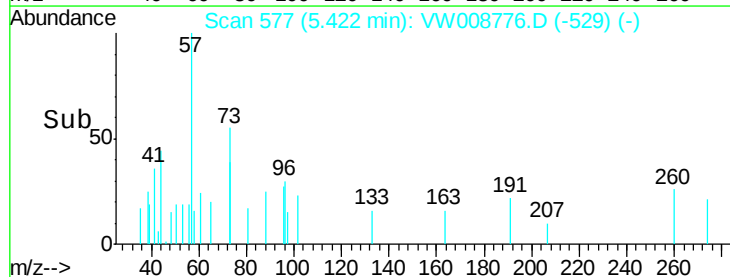
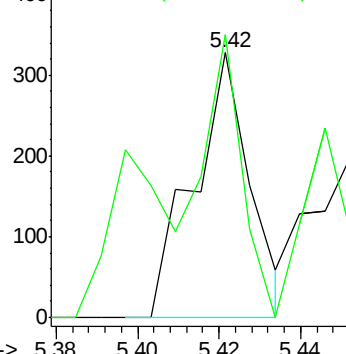
73 100

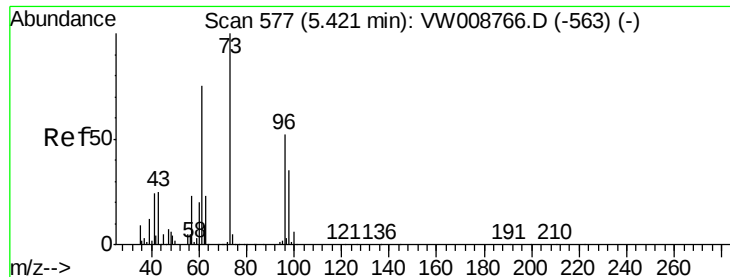
57 106.7 16.8 25.2#



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW





#21

trans-1,2-Dichloroethene

Concen: 0.105 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

M-11-A-S

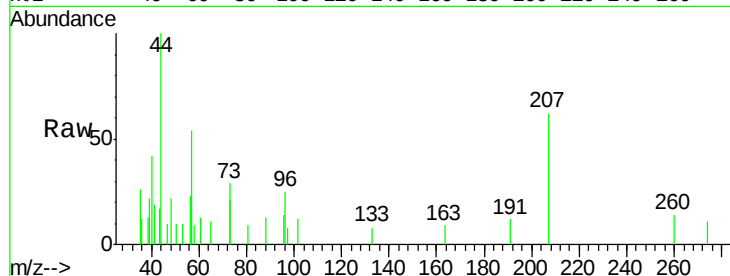
Tot Ion: 96 Resp: 341

Ion Ratio Lower Upper

96 100

61 32.3 114.6 171.8#

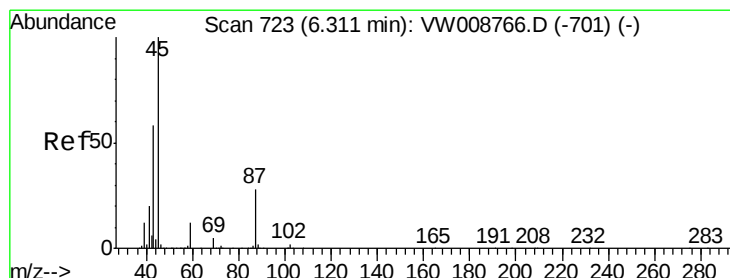
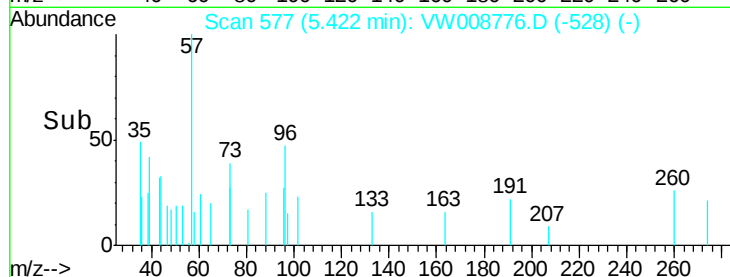
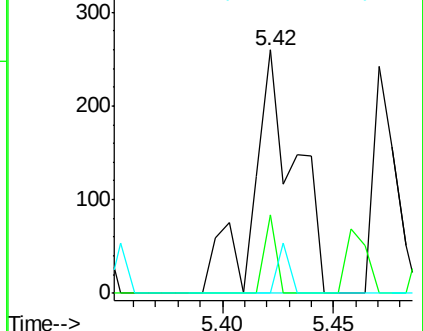
98 0.0 54.0 81.0#



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 0.011 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Tgt Ion: 45 Resp: 104

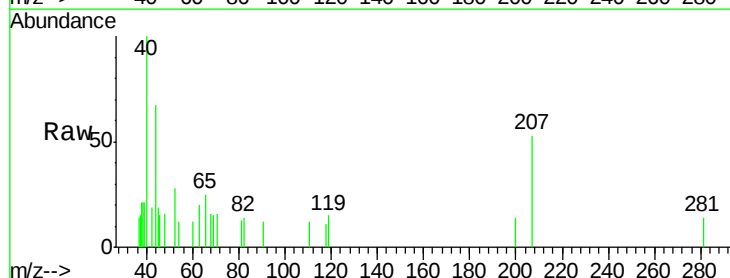
Ion Ratio Lower Upper

45 100

43 0.0 46.1 69.1#

87 0.0 22.2 33.4#

59 0.0 10.0 15.0#

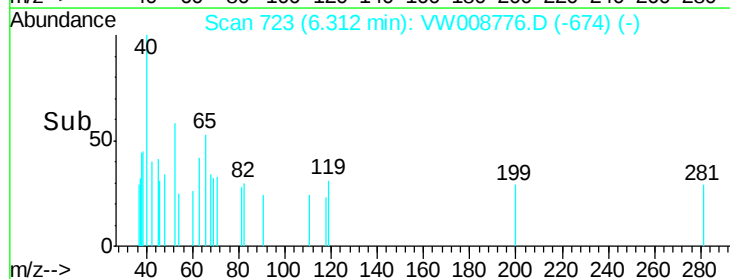
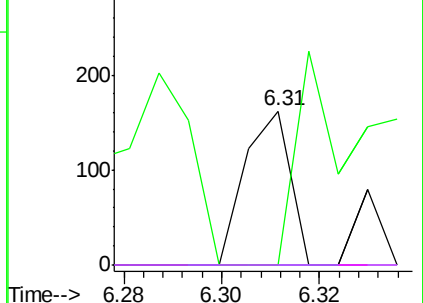


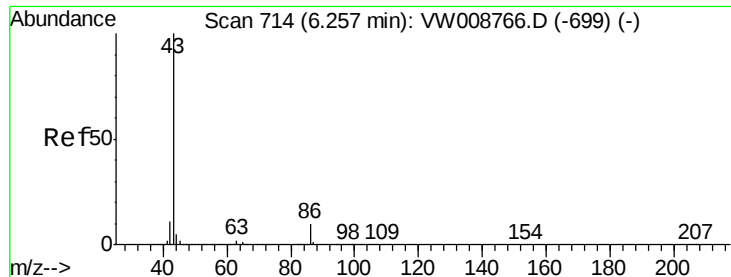
Abundance Ion 45.00 (44.70 to 45.70): VW

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: 0.021 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

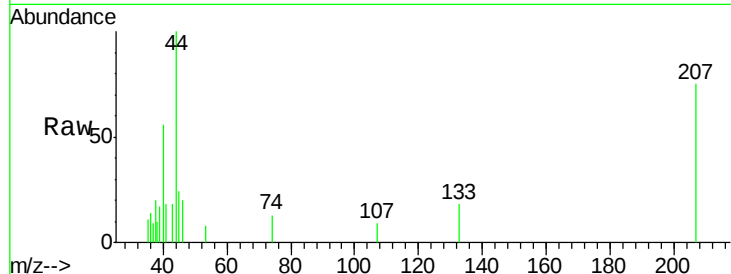
M-11-A-S

Tot Ion: 43 Resp: 126

Ion Ratio Lower Upper

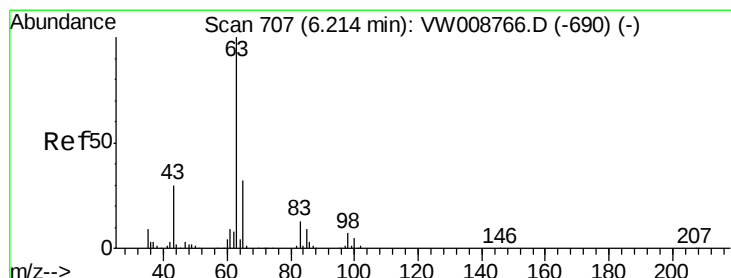
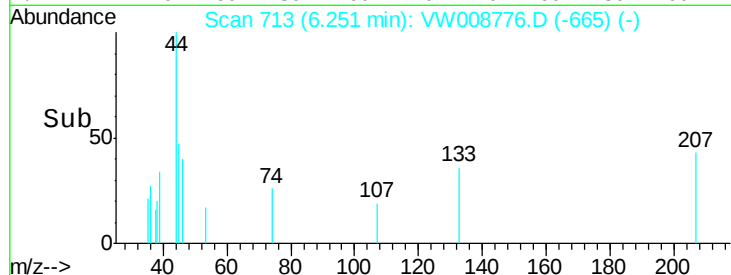
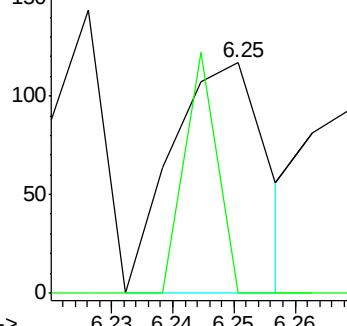
43 100

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: 0.006 ug/l

RT: 6.17 min Scan# 699

Delta R.T. -0.05 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

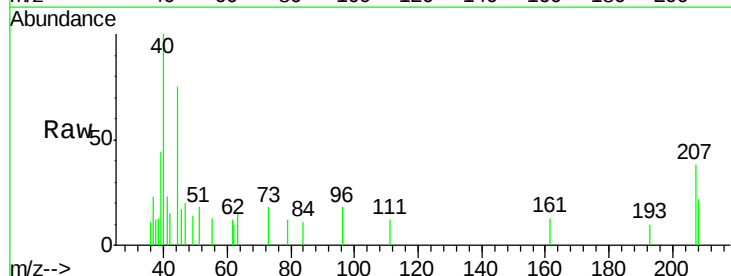
Tgt Ion: 63 Resp: 34

Ion Ratio Lower Upper

63 100

98 0.0 3.5 10.6#

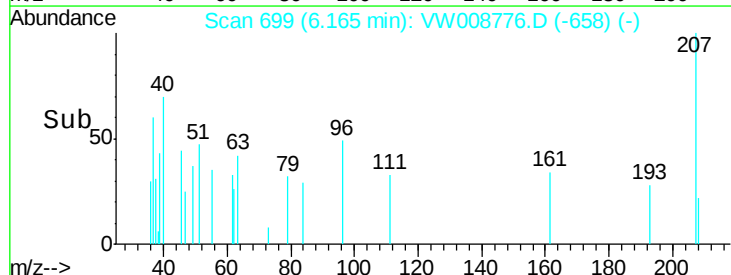
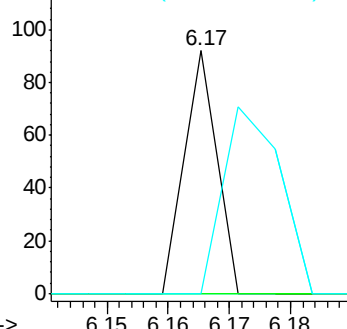
100 0.0 2.4 7.2#

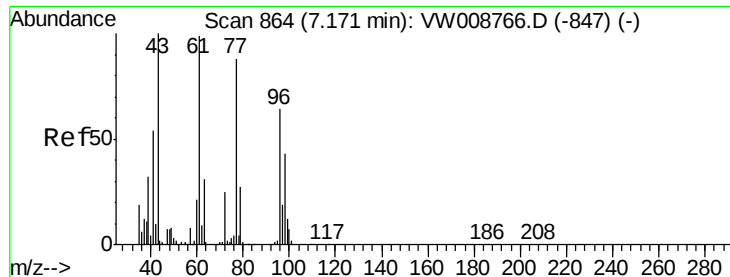


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#26

2,2-Dichloropropane

Concen: 0.005 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

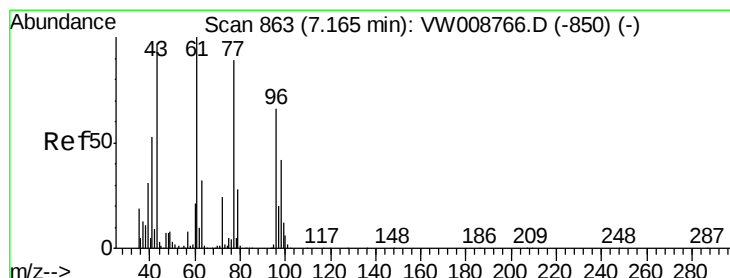
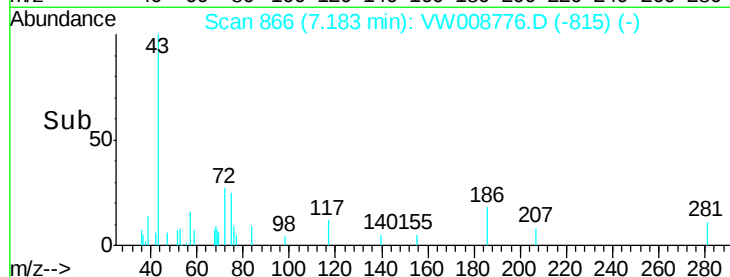
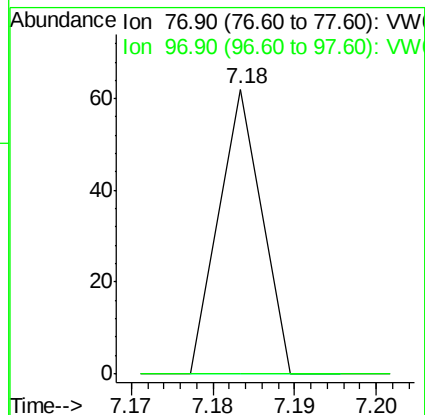
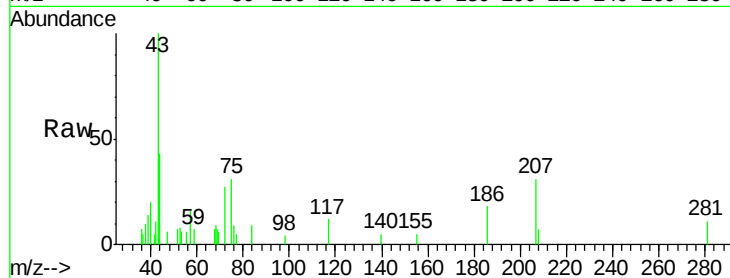
M-11-A-S

Tot Ion: 77 Resp: 23

Ion Ratio Lower Upper

77 100

97 0.0 11.0 33.0#



#27

cis-1,2-Dichloroethene

Concen: 0.038 ug/l

RT: 6.92 min Scan# 822

Delta R.T. -0.25 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

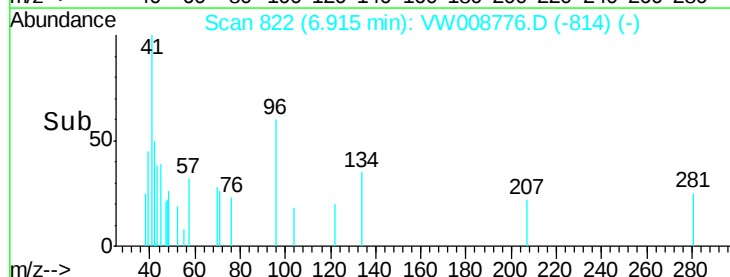
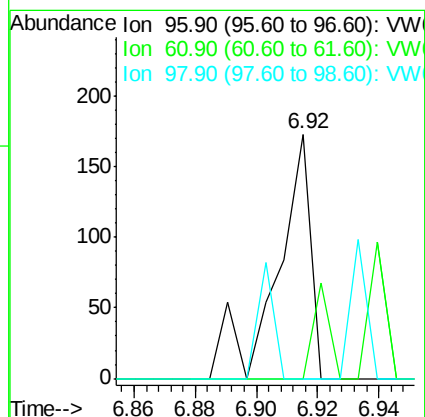
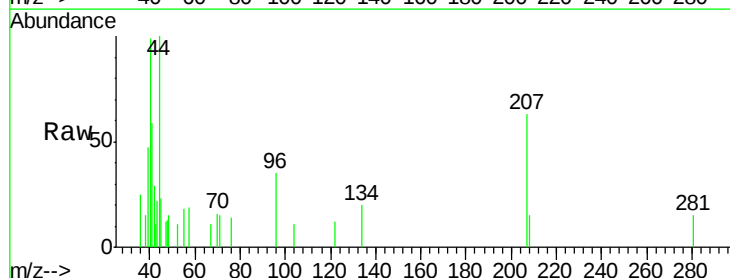
Tgt Ion: 96 Resp: 133

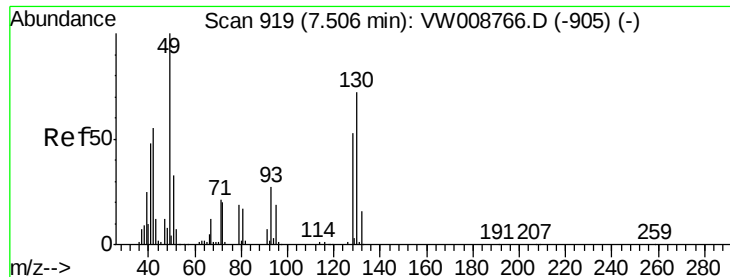
Ion Ratio Lower Upper

96 100

61 18.8 0.0 302.6

98 22.6 0.0 130.0





#28

Bromochloromethane

Concen: 0.023 ug/l

RT: 7.50 min Scan# 918

Delta R.T. -0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

M-11-A-S

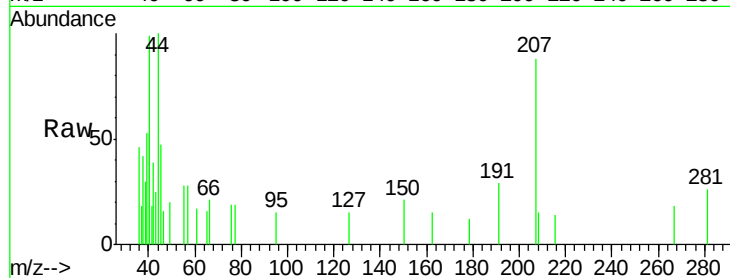
Tot Ion: 49 Resp: 55

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.6

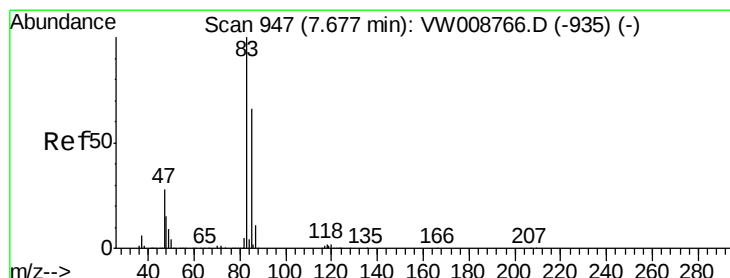
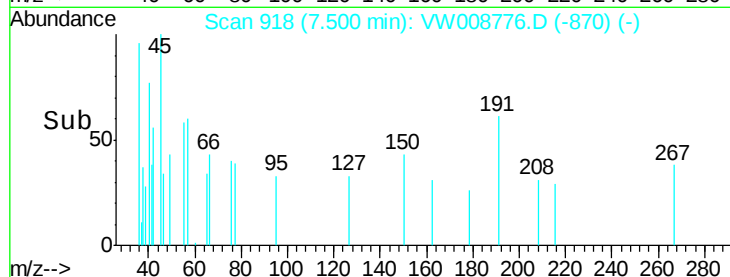
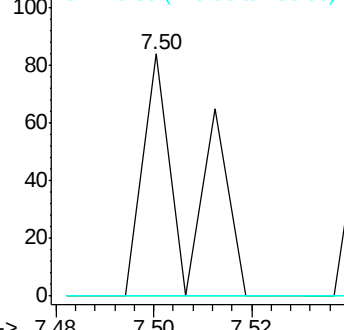
130 0.0 61.3 91.9#



Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#30

Chloroform

Concen: 0.081 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW008776.D

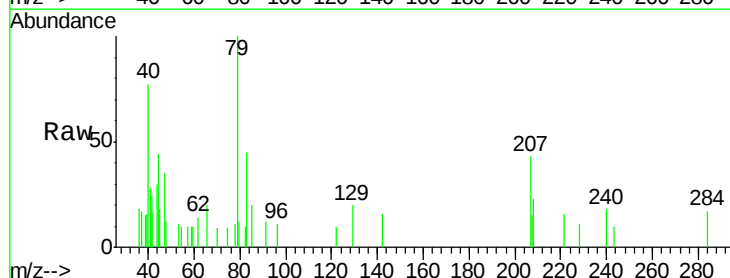
Acq: 21 Feb 2019 18:10

Tgt Ion: 83 Resp: 466

Ion Ratio Lower Upper

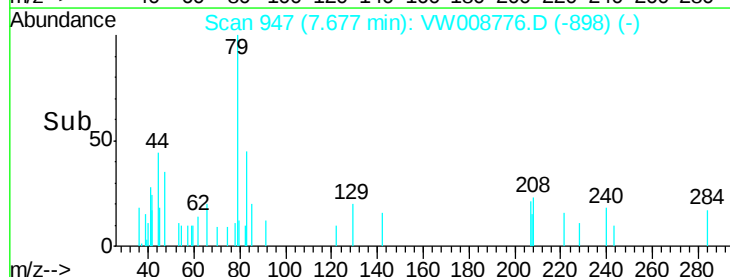
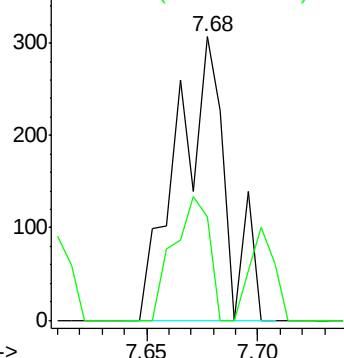
83 100

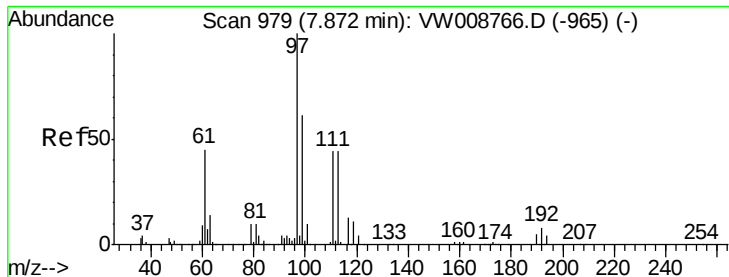
85 36.2 52.6 79.0#



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#32

1,1,1-Trichloroethane

Concen: 0.010 ug/l

RT: 7.86 min Scan# 977

Delta R.T. -0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

M-11-A-S

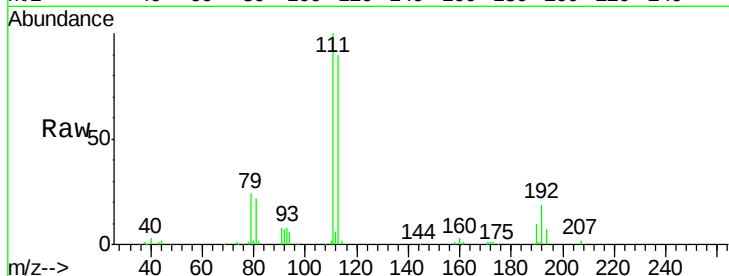
Tot Ion: 97 Resp: 53

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

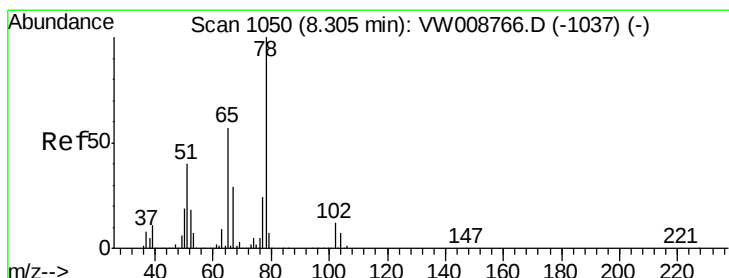
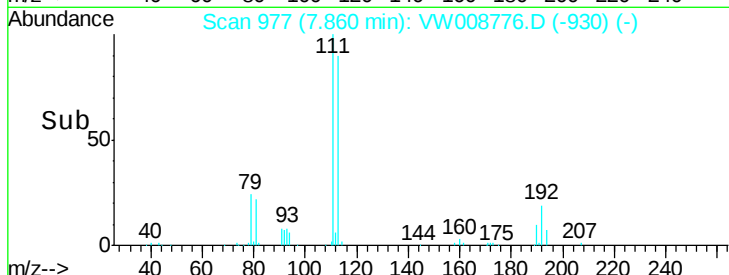
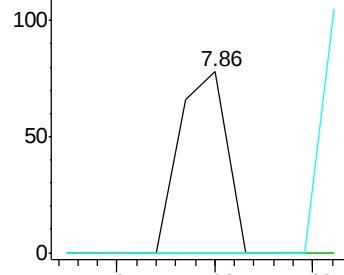
61 0.0 36.0 54.0#



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: 59.058 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008776.D

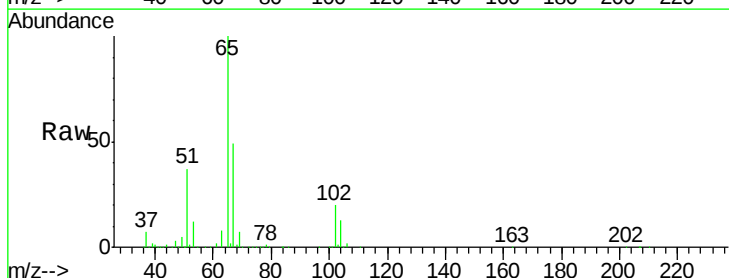
Acq: 21 Feb 2019 18:10

Tgt Ion: 65 Resp: 177489

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

100000

80000

60000

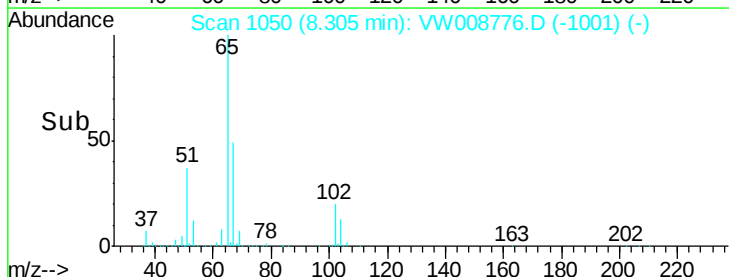
40000

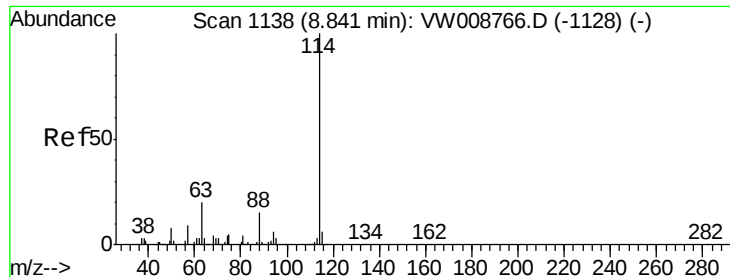
20000

0

8.20 8.30 8.40

Time-->

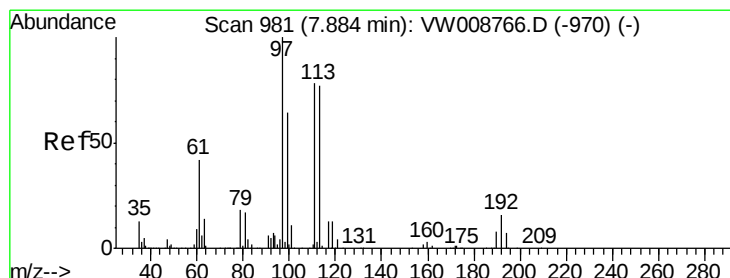
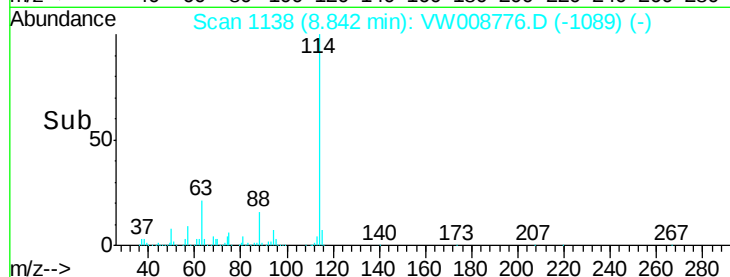
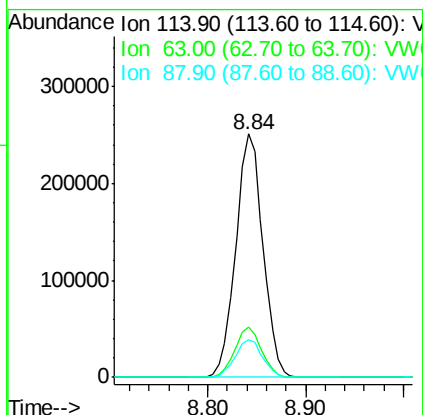
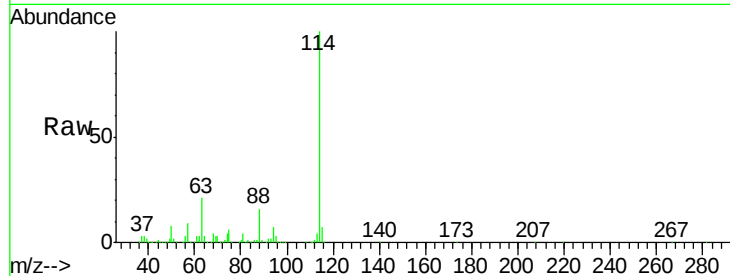




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008776.D
Acq: 21 Feb 2019 18:10

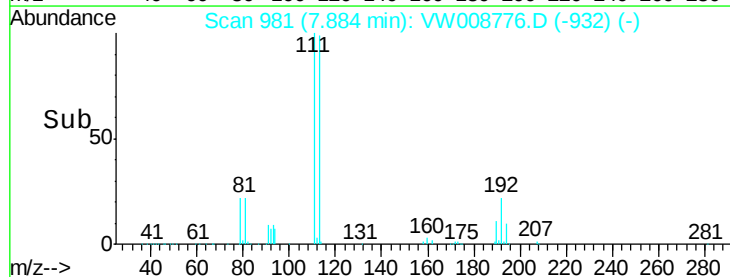
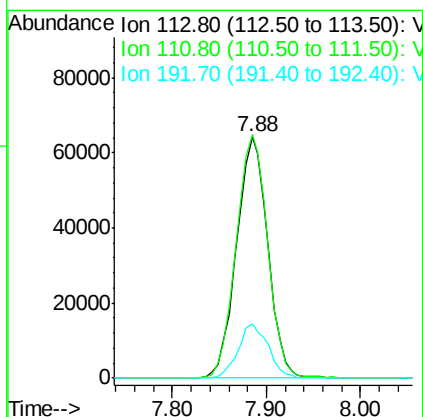
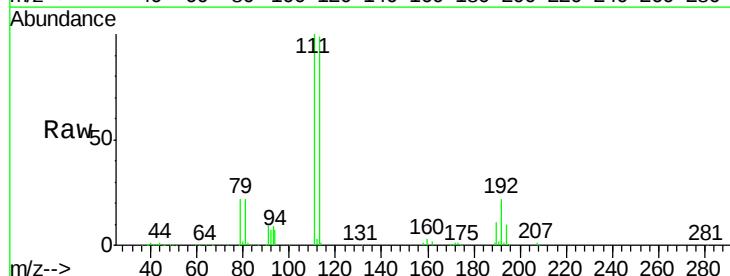
Instrument :
MSVOA_W
ClientSampleId :
M-11-A-S

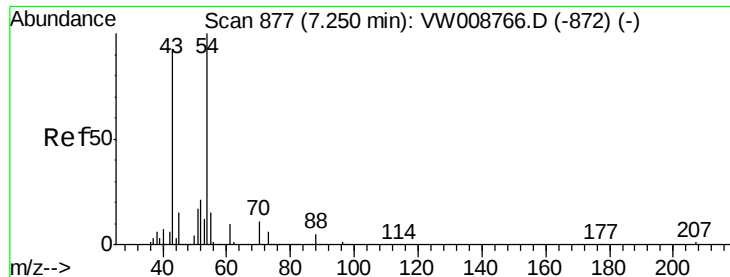
Tot Ion:114 Resp: 484225
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 15.5 0.0 30.4



#35
Dibromofluoromethane
Concen: 51.143 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008776.D
Acq: 21 Feb 2019 18:10

Tgt Ion:113 Resp: 148689
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 21.9 17.1 25.7





#37

Ethyl Acetate

Concen: 0.170 ug/l

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

M-11-A-S

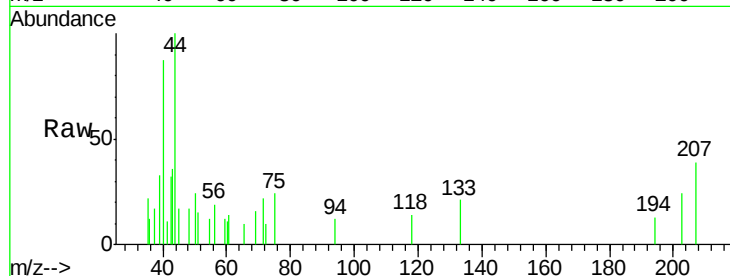
Tot Ion: 43 Resp: 373

Ion Ratio Lower Upper

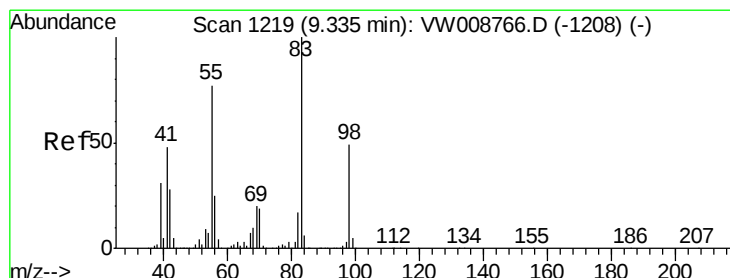
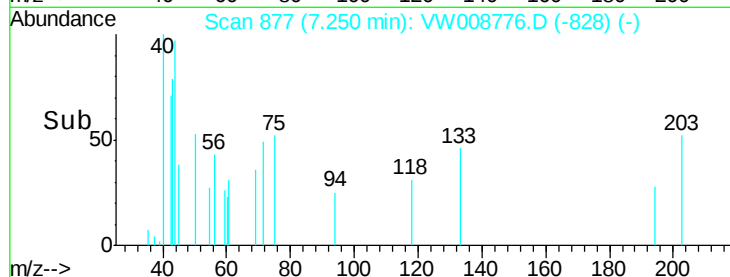
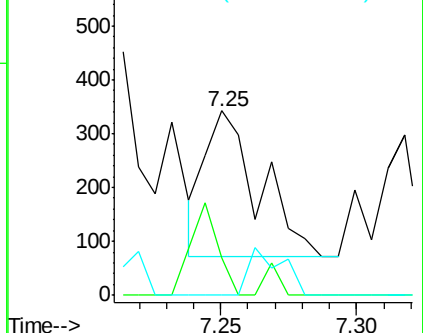
43 100

61 31.9 9.8 14.8#

70 0.0 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



#39

Methylcyclohexane

Concen: 0.252 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. 0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

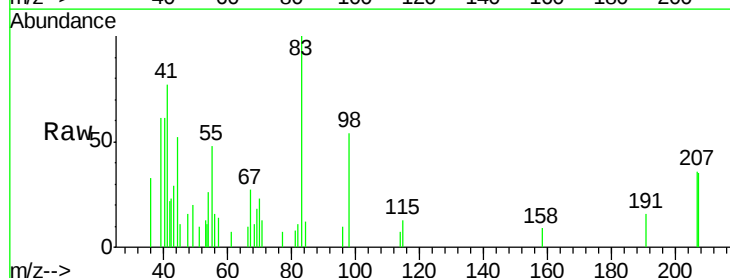
Tgt Ion: 83 Resp: 1479

Ion Ratio Lower Upper

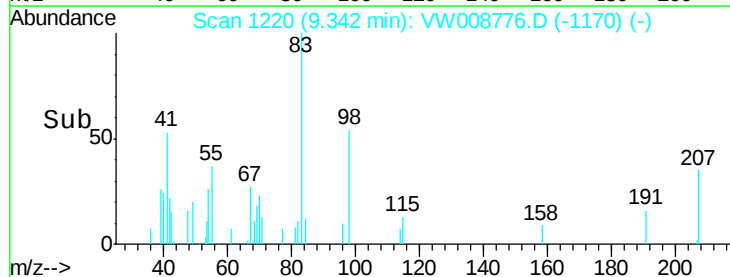
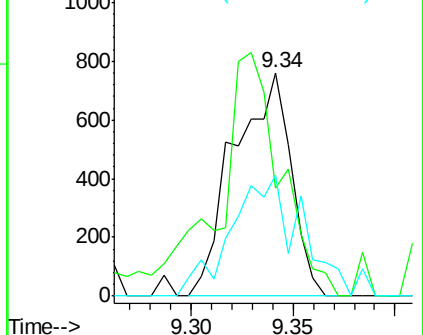
83 100

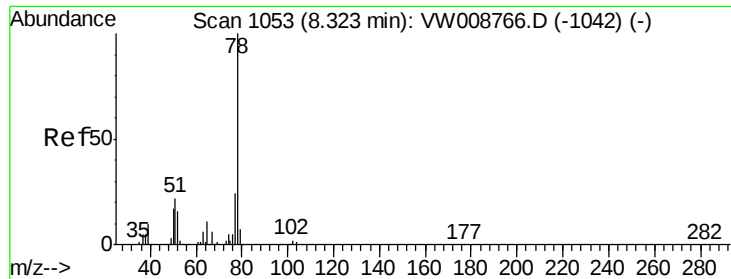
55 48.5 61.2 91.8#

98 45.9 39.4 59.2



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





#40

Benzene

Concen: 0.306 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

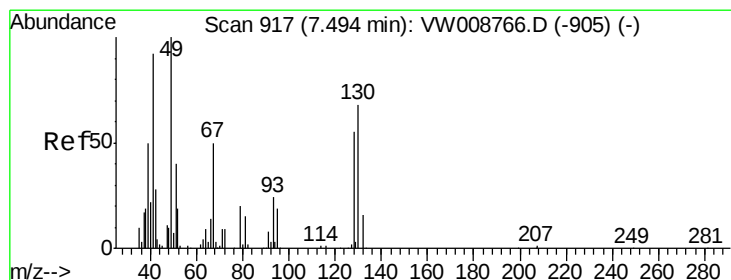
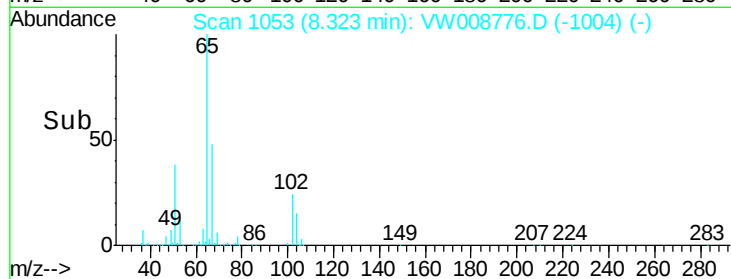
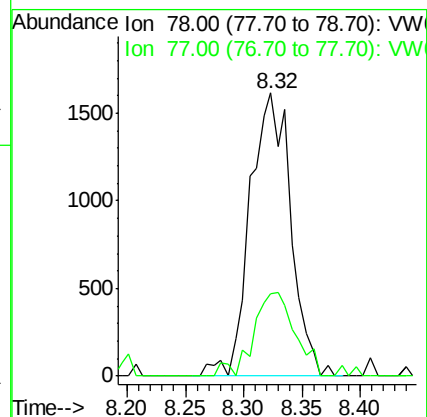
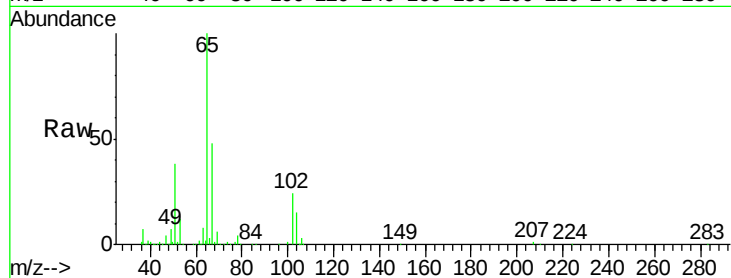
M-11-A-S

Tot Ion: 78 Resp: 3938

Ion Ratio Lower Upper

78 100

77 29.1 19.3 28.9#



#41

Methacrylonitrile

Concen: 0.109 ug/l

RT: 7.49 min Scan# 917

Delta R.T. 0.00 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Tgt Ion: 41 Resp: 141

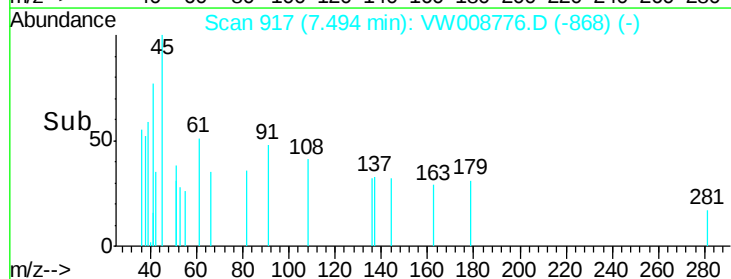
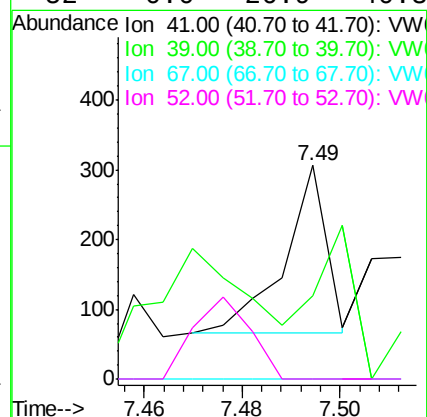
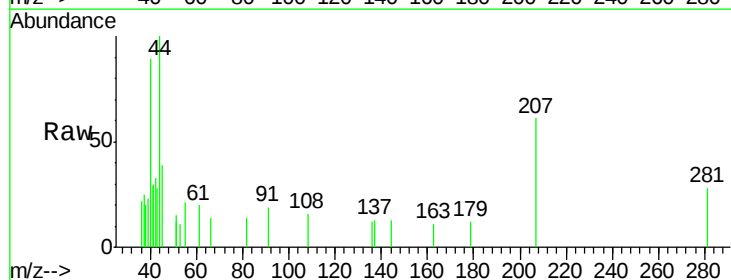
Ion Ratio Lower Upper

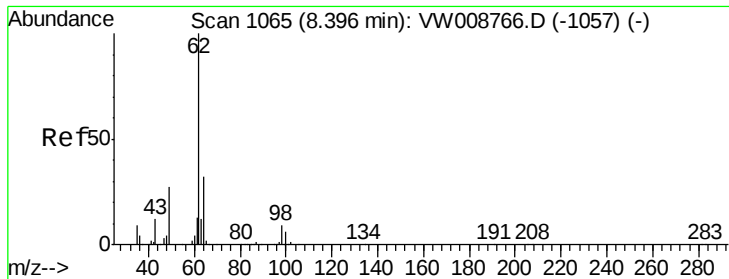
41 100

39 87.9 52.5 78.7#

67 0.0 55.0 82.6#

52 0.0 26.9 40.3#





#42

1,2-Dichloroethane

Concen: 0.170 ug/l

RT: 8.39 min Scan# 1064

Delta R.T. -0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

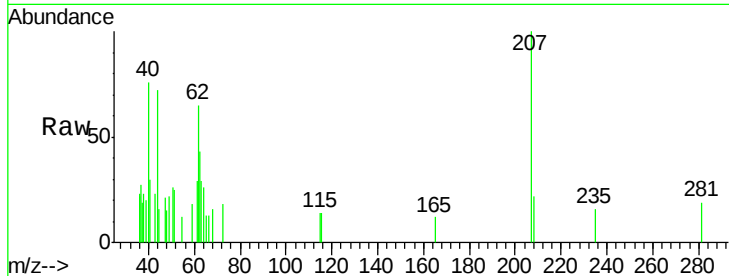
M-11-A-S

Tot Ion: 62 Resp: 694

Ion Ratio Lower Upper

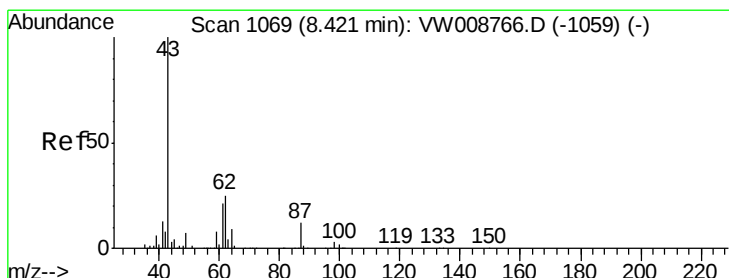
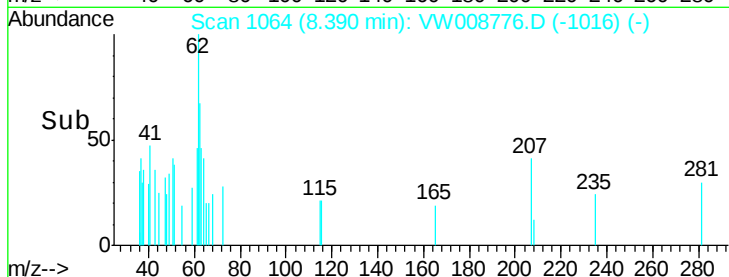
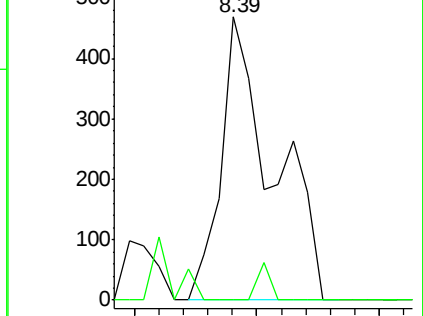
62 100

98 3.3 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: 0.057 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

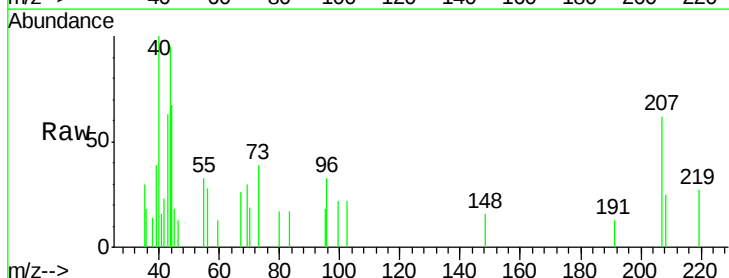
Tgt Ion: 43 Resp: 248

Ion Ratio Lower Upper

43 100

61 0.0 23.2 34.8#

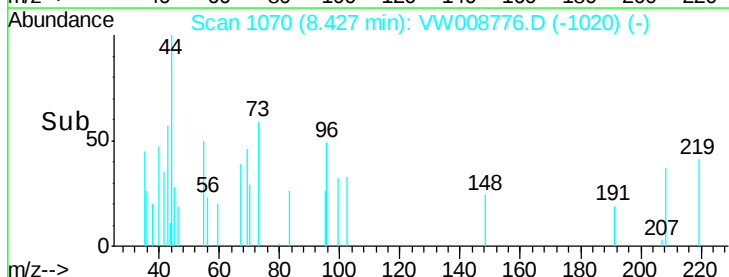
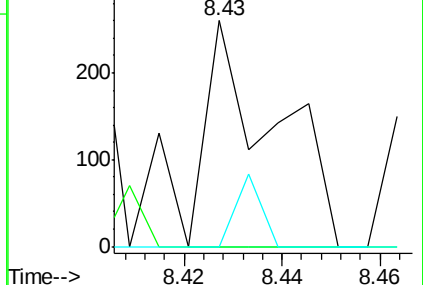
87 12.5 9.9 14.9

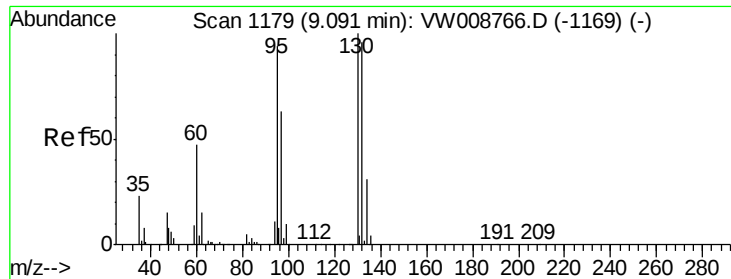


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW





#44

Trichloroethene

Concen: 0.013 ug/l

RT: 9.10 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

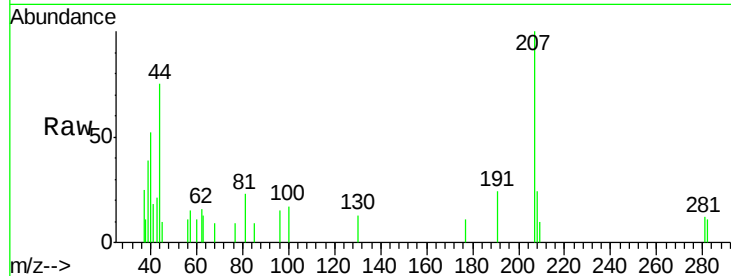
M-11-A-S

Tot Ion:130 Resp: 48

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

9.10

80

60

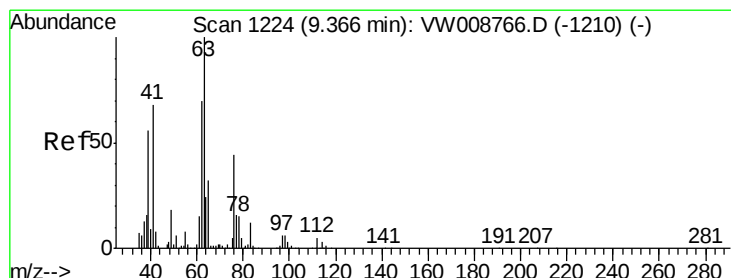
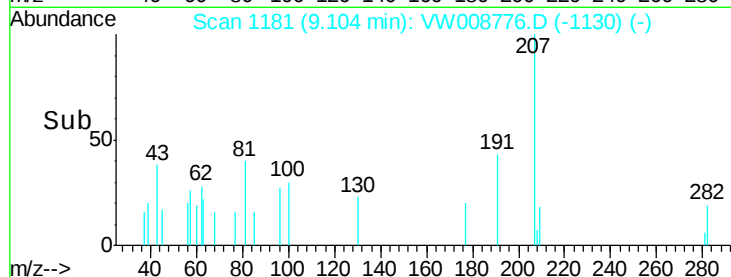
40

20

0

9.08 9.10 9.12

Time-->



#45

1,2-Dichloropropane

Concen: 0.022 ug/l

RT: 9.41 min Scan# 1232

Delta R.T. 0.05 min

Lab File: VW008776.D

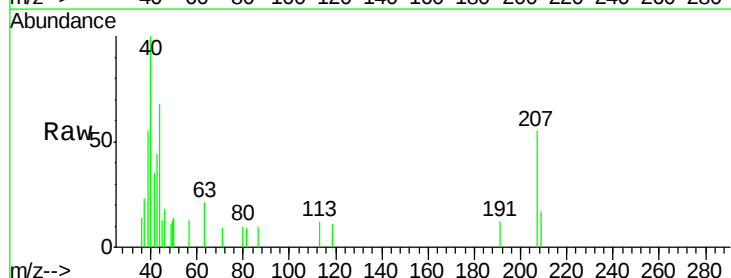
Acq: 21 Feb 2019 18:10

Tgt Ion: 63 Resp: 70

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

9.41

150

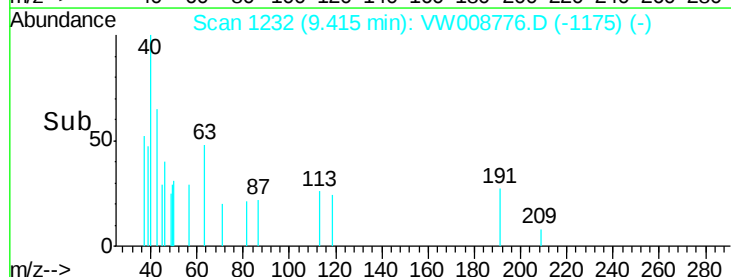
100

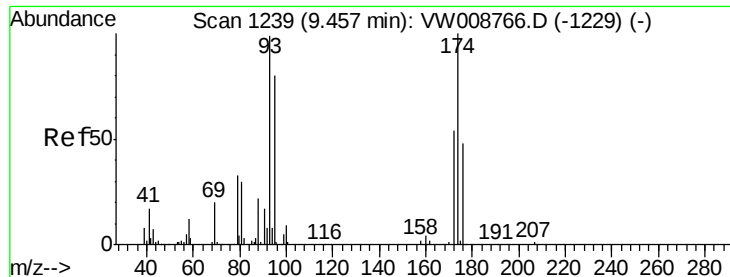
50

0

9.40 9.42

Time-->





#46

Dibromomethane

Concen: 0.042 ug/l

RT: 9.52 min Scan# 1249

Delta R.T. 0.06 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

M-11-A-S

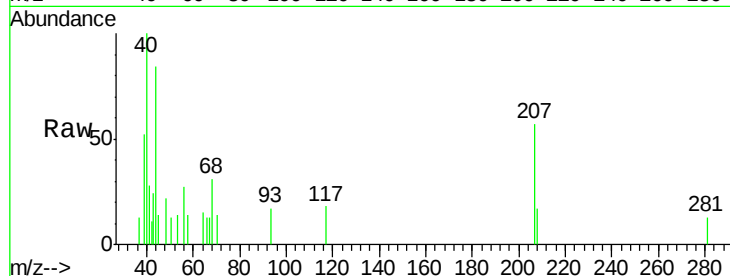
Tot Ion: 93 Resp: 74

Ion Ratio Lower Upper

93 100

95 0.0 67.7 101.5#

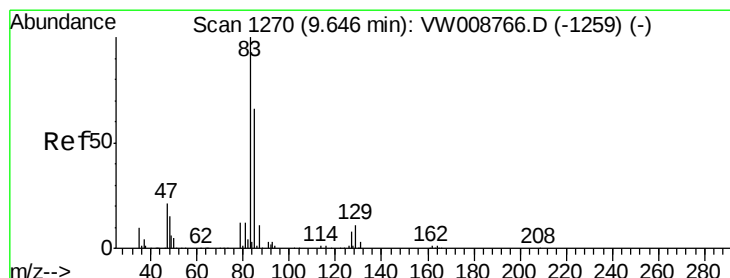
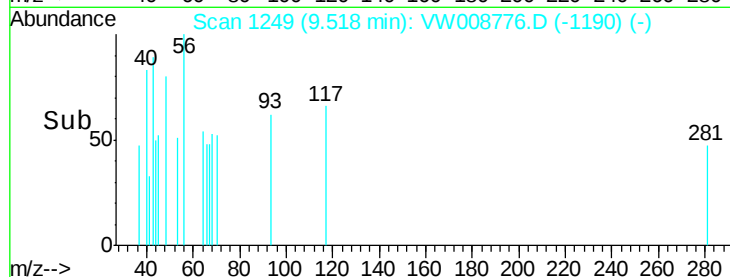
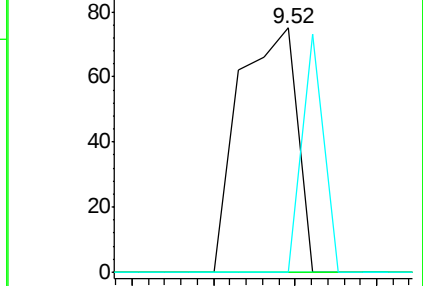
174 36.5 86.7 130.1#



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: 0.009 ug/l

RT: 9.66 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

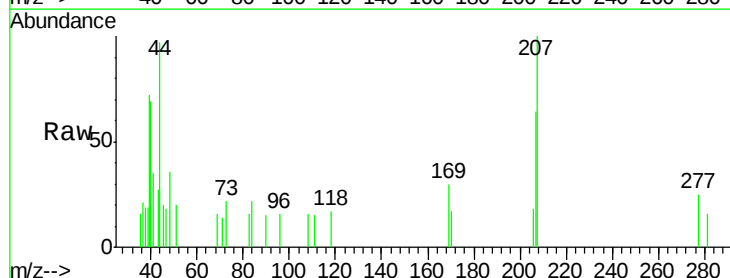
Tgt Ion: 83 Resp: 40

Ion Ratio Lower Upper

83 100

85 0.0 52.5 78.7#

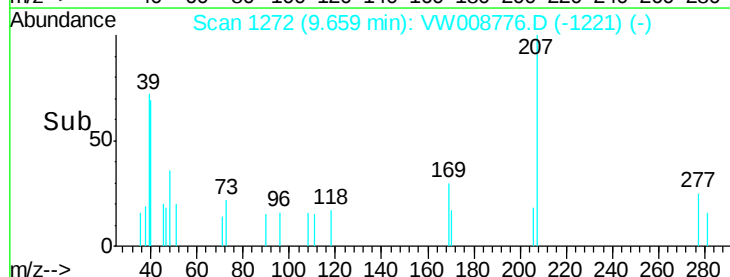
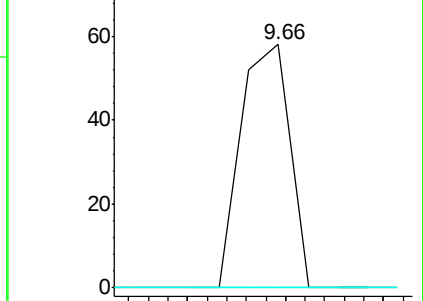
127 0.0 6.7 10.1#

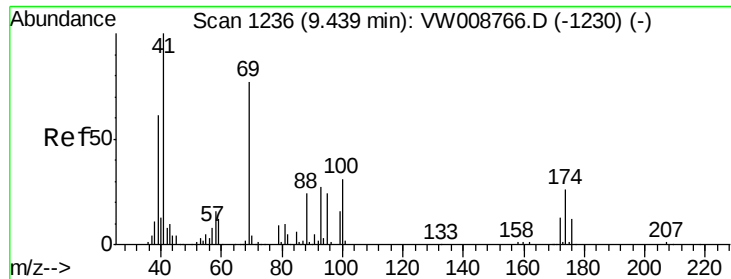


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

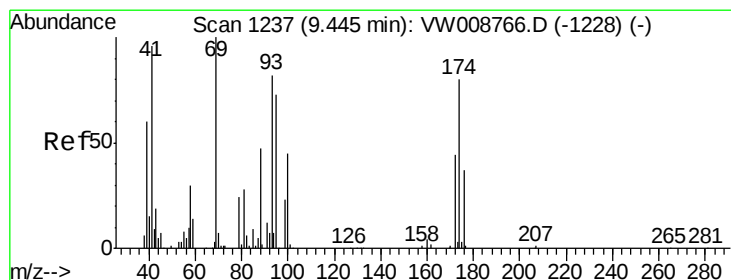
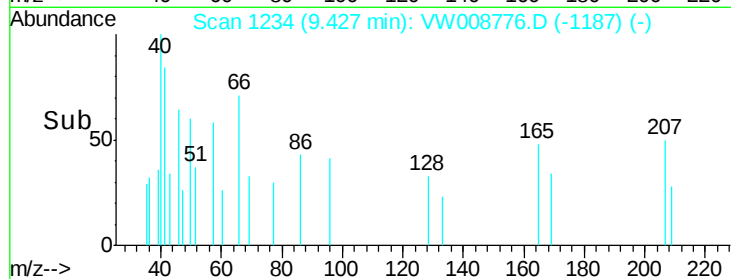
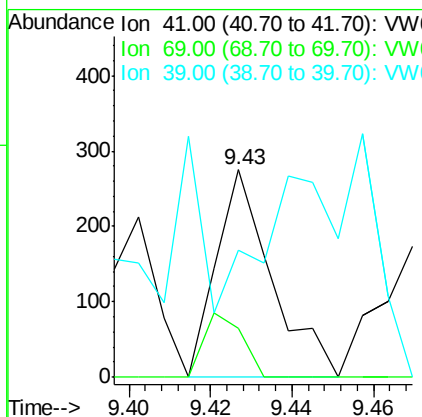
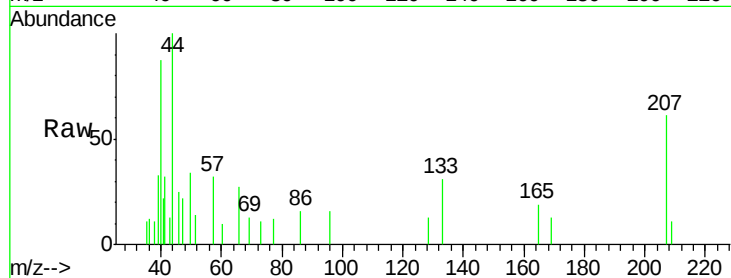




#48
Methvl methacrylate
Concen: 0.124 ug/l
RT: 9.43 min Scan# 1234
Delta R.T. -0.01 min
Lab File: VW008776.D
Acq: 21 Feb 2019 18:10

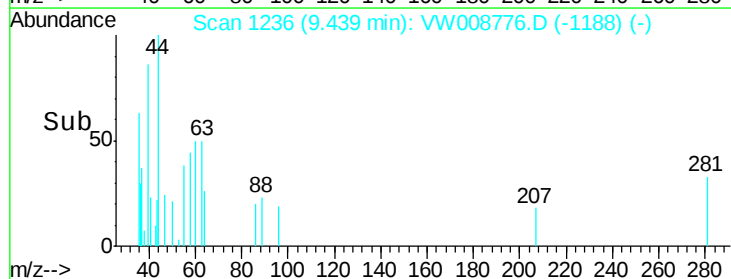
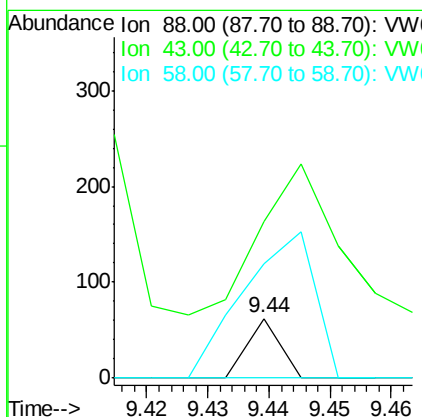
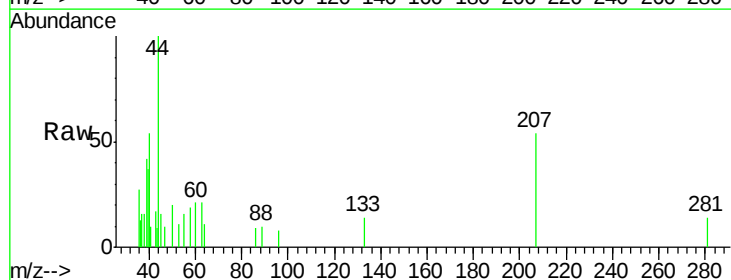
Instrument :
MSVOA_W
ClientSampled :
M-11-A-S

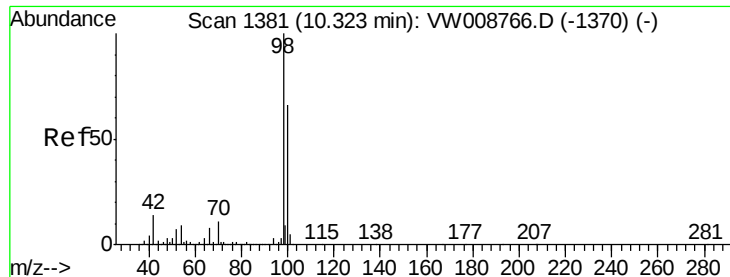
Tot Ion: 41 Resp: 259
Ion Ratio Lower Upper
41 100
69 21.2 63.6 95.4#
39 76.1 52.1 78.1



#49
1,4-Dioxane
Concen: 0.812 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008776.D
Acq: 21 Feb 2019 18:10

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 634.8 29.0 43.4#
58 534.8 52.0 78.0#





#50

Toluene-d8

Concen: 50.897 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

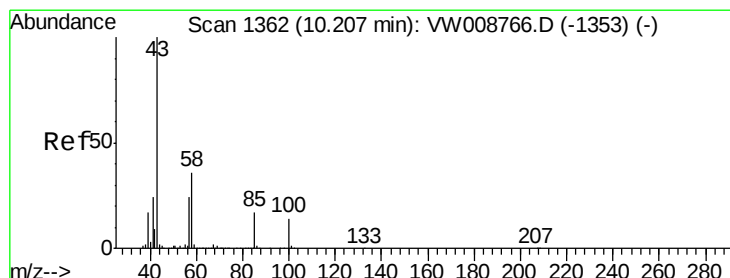
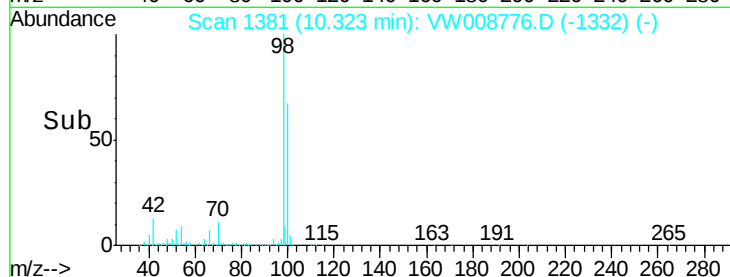
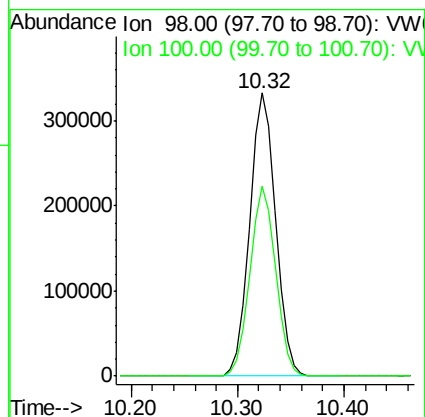
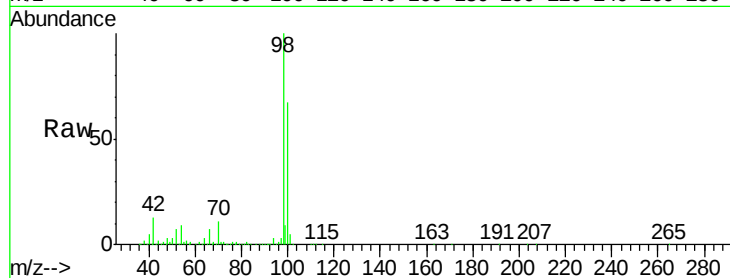
M-11-A-S

Tot Ion: 98 Resp: 571227

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6



#51

4-Methyl-2-Pentanone

Concen: 0.144 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008776.D

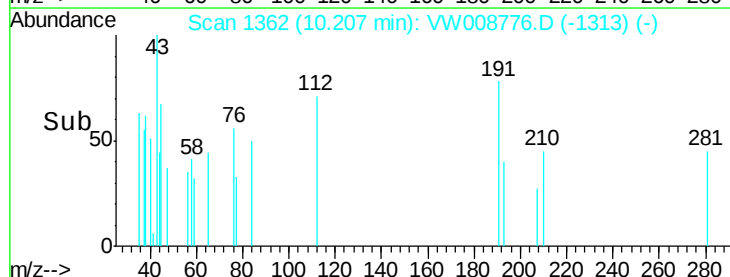
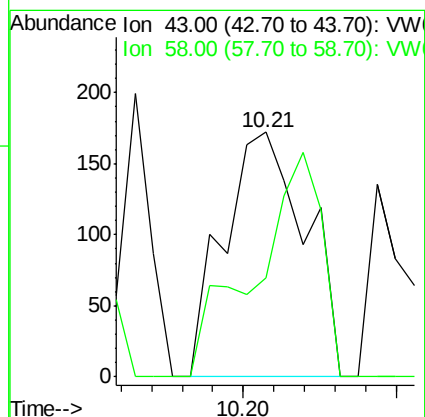
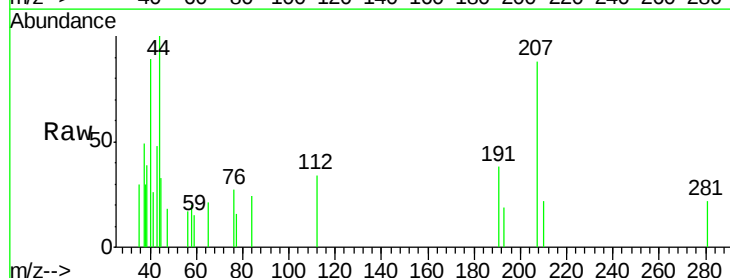
Acq: 21 Feb 2019 18:10

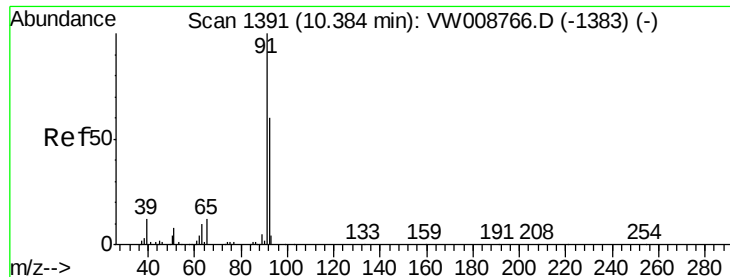
Tgt Ion: 43 Resp: 319

Ion Ratio Lower Upper

43 100

58 75.2 29.1 43.7#





#52

Toluene

Concen: 0.682 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

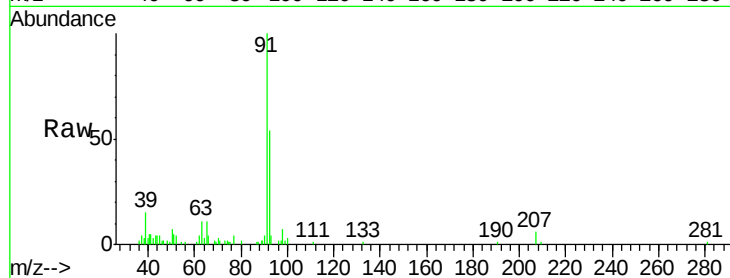
M-11-A-S

Tot Ion: 92 Resp: 5957

Ion Ratio Lower Upper

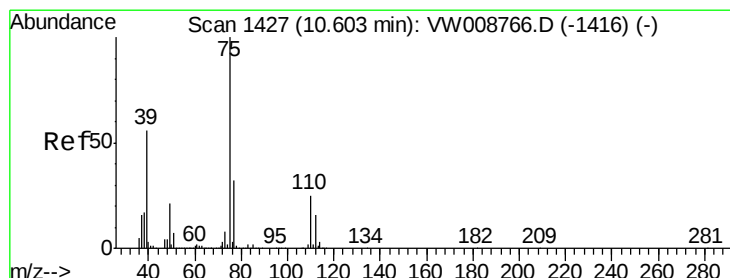
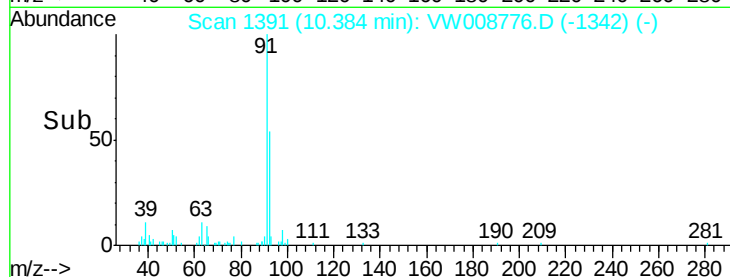
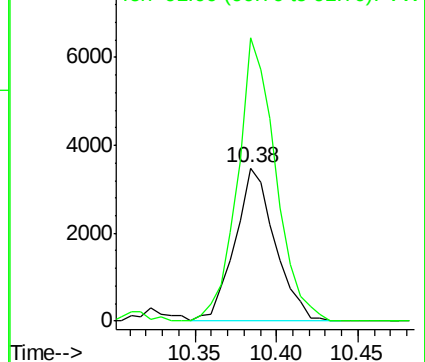
92 100

91 176.4 136.9 205.3



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: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW008776.D

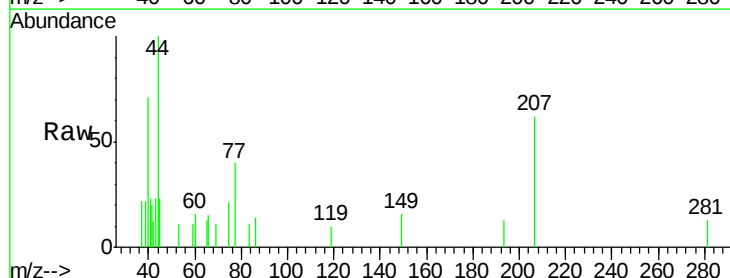
Acq: 21 Feb 2019 18:10

Tgt Ion: 75 Resp: 59

Ion Ratio Lower Upper

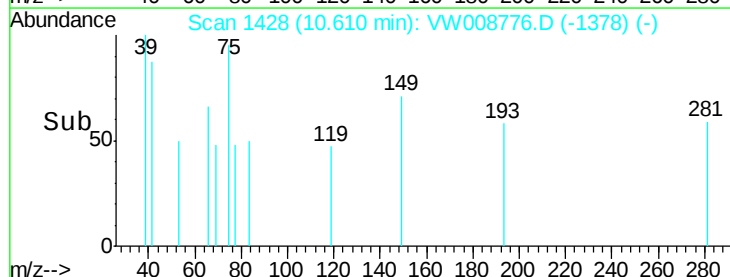
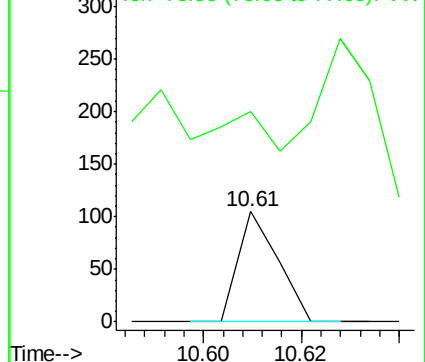
75 100

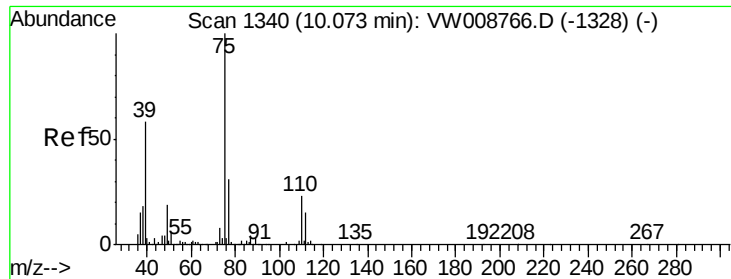
77 25.7 26.1 39.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW





#54

cis-1,3-Dichloropropene

Concen: 0.015 ug/l

RT: 10.10 min Scan# 1345

Delta R.T. 0.03 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

M-11-A-S

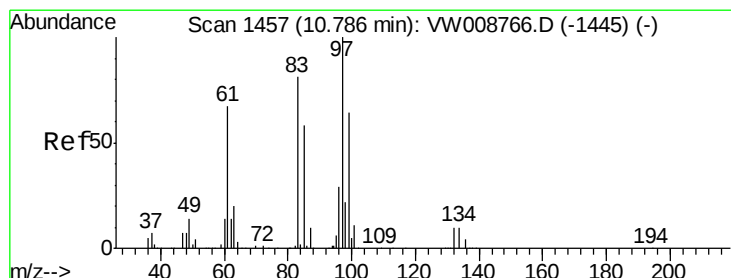
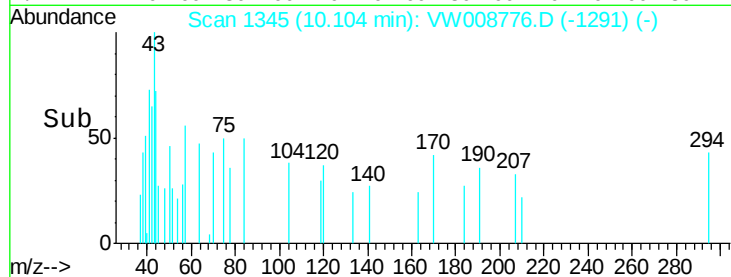
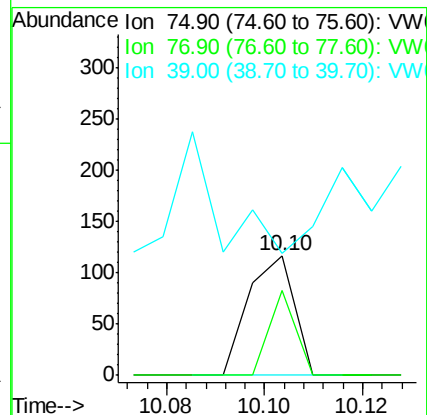
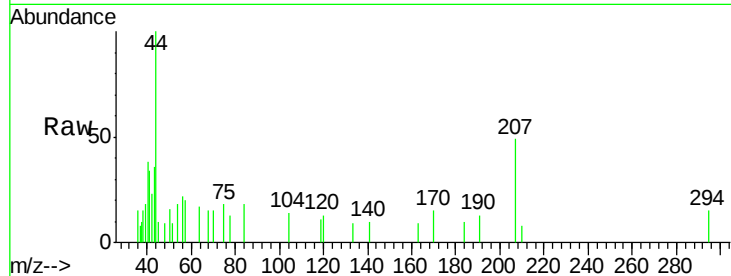
Tot Ion: 75 Resp: 76

Ion Ratio Lower Upper

75 100

77 70.9 25.0 37.4#

39 0.0 46.6 70.0#



#55

1,1,2-Trichloroethane

Concen: 0.039 ug/l

RT: 10.80 min Scan# 1460

Delta R.T. 0.02 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Tgt Ion: 97 Resp: 94

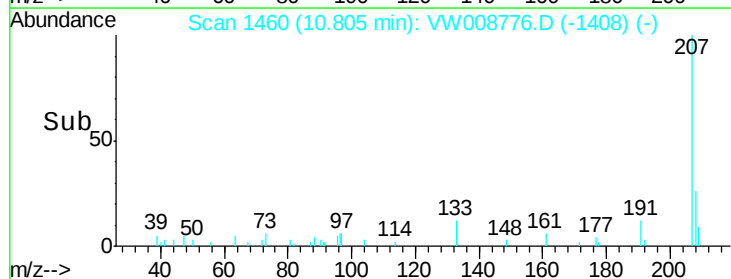
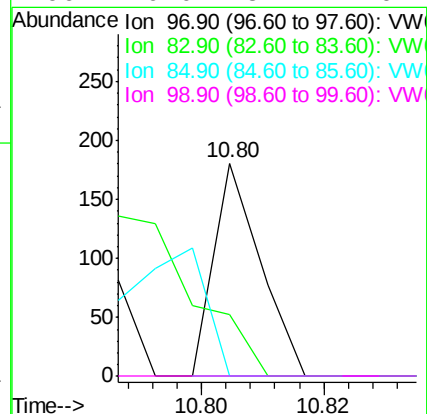
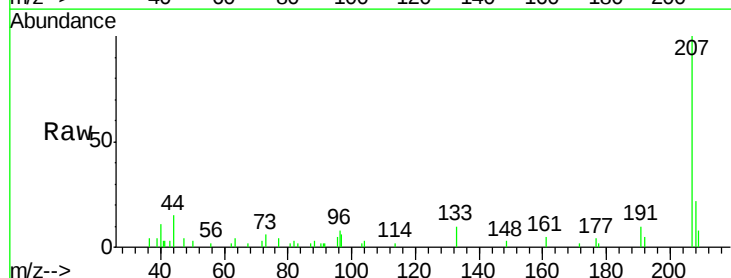
Ion Ratio Lower Upper

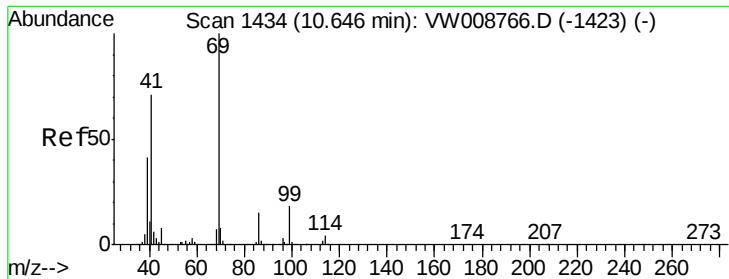
97 100

83 28.7 65.0 97.6#

85 0.0 46.0 69.0#

99 0.0 51.1 76.7#





#56

Ethyl methacrylate

Concen: 0.092 ug/l

RT: 10.66 min Scan# 1437

Delta R.T. 0.02 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

M-11-A-S

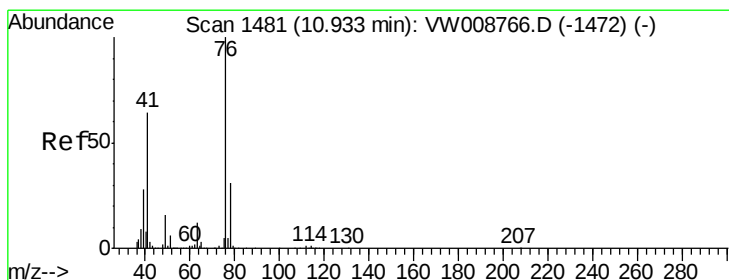
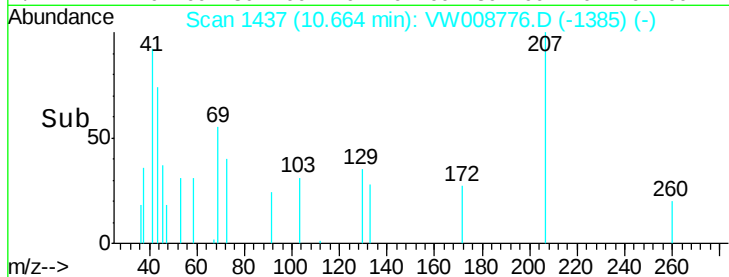
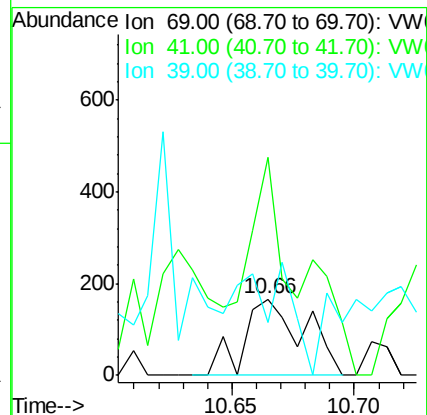
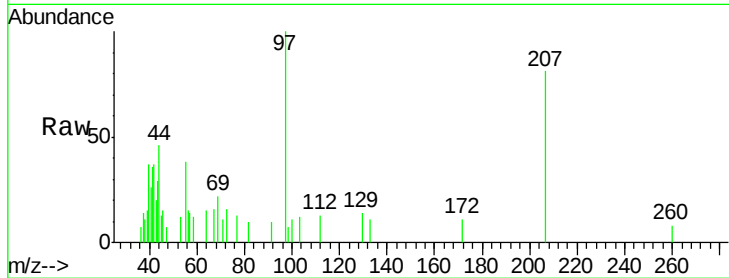
Tot Ion: 69.00 Resp: 288

Ion Ratio Lower Upper

69 100

41 73.6 57.4 86.0

39 114.6 34.8 52.2#



#57

1,3-Dichloropropane

Concen: 0.012 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW008776.D

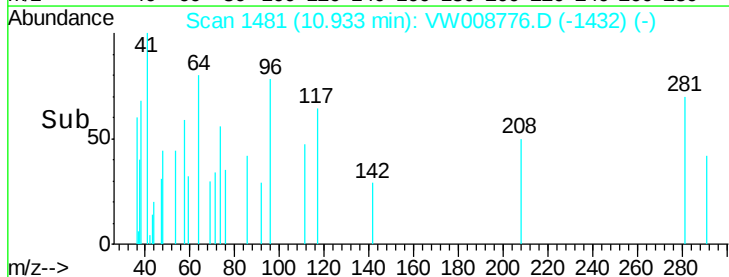
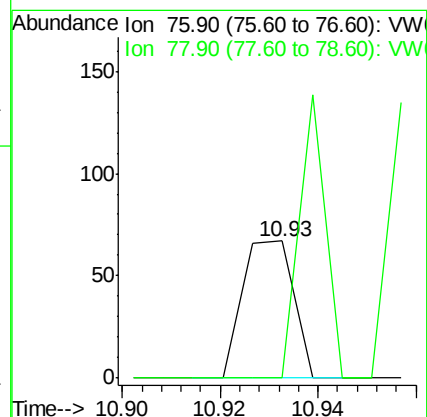
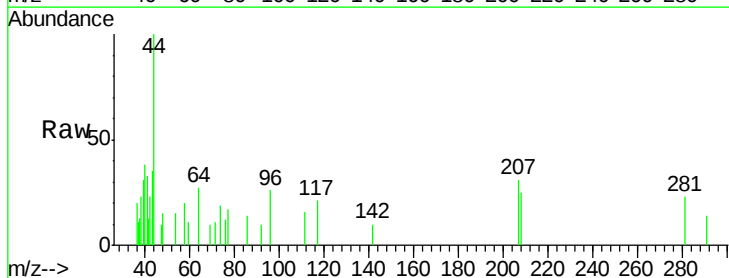
Acq: 21 Feb 2019 18:10

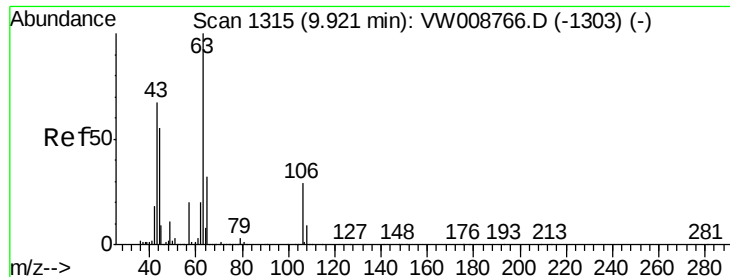
Tgt Ion: 76 Resp: 49

Ion Ratio Lower Upper

76 100

78 104.1 25.8 38.8#

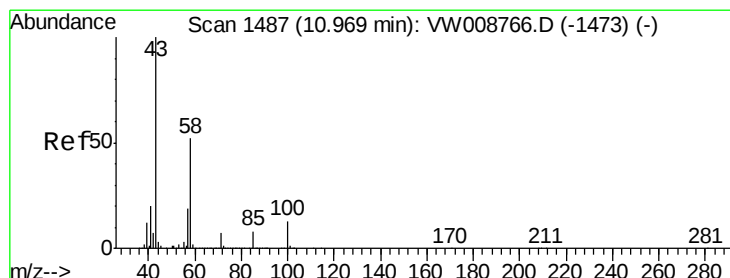
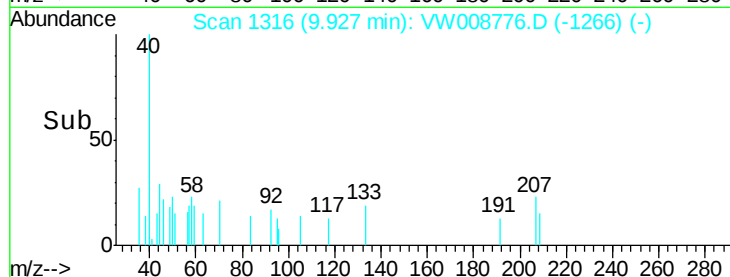
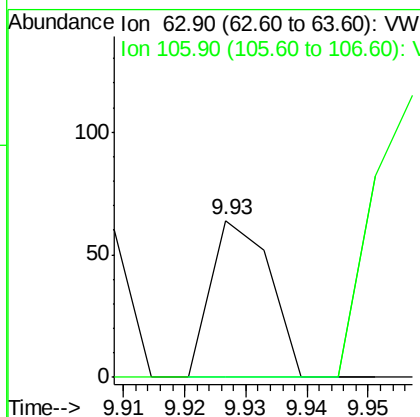
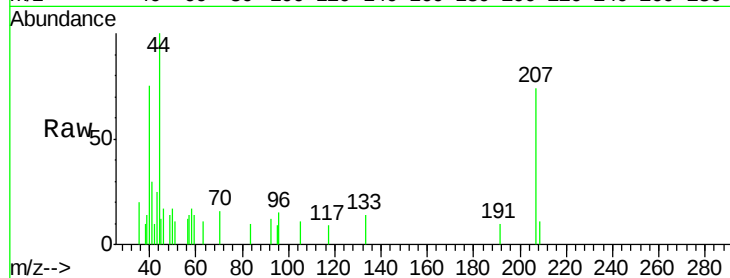




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.027 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW008776.D
 Acq: 21 Feb 2019 18:10

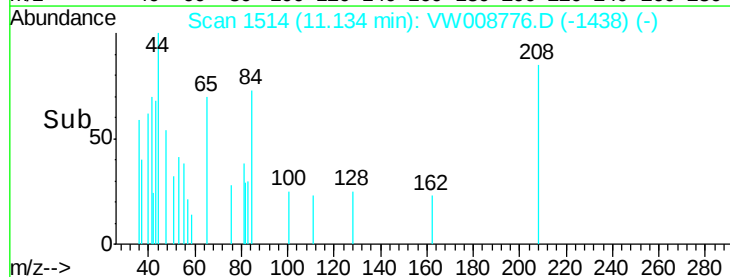
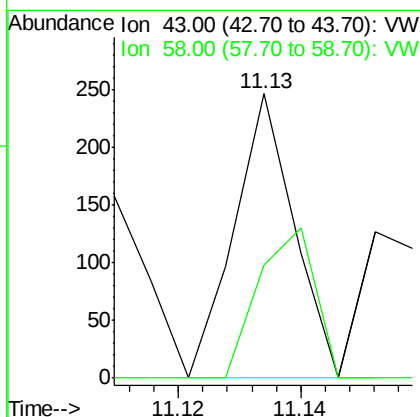
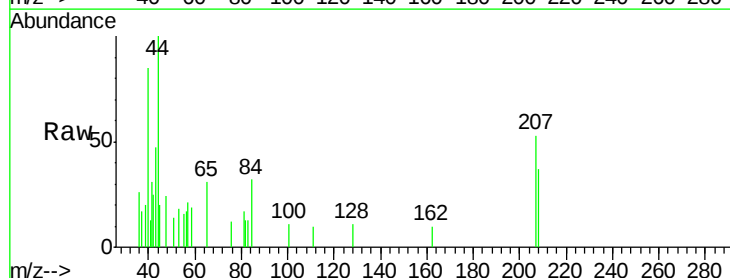
Instrument :
 MSVOA_W
 ClientSampled :
 M-11-A-S

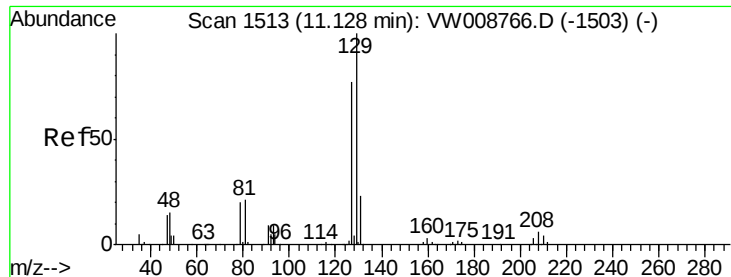
Tot Ion: 63 Resp: 42
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.0 36.0#



#59
 2-Hexanone
 Concen: 0.104 ug/l
 RT: 11.13 min Scan# 1514
 Delta R.T. 0.16 min
 Lab File: VW008776.D
 Acq: 21 Feb 2019 18:10

Tgt Ion: 43 Resp: 164
 Ion Ratio Lower Upper
 43 100
 58 50.6 25.3 75.8

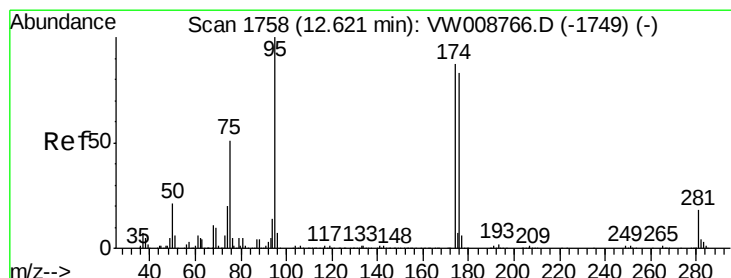
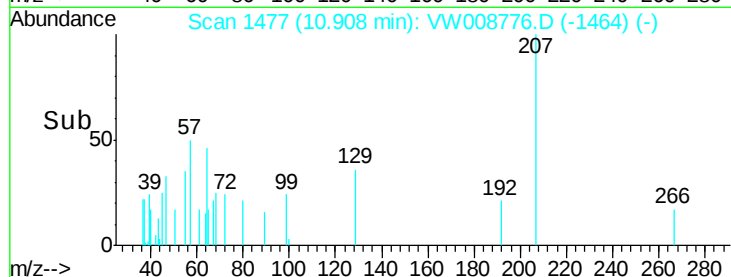
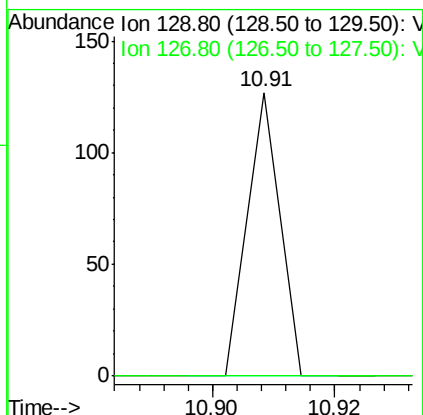
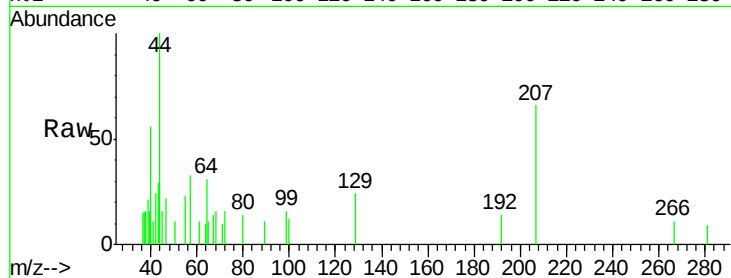




#60
Dibromochloromethane
Concen: 0.016 ug/l
RT: 10.91 min Scan# 1477
Delta R.T. -0.22 min
Lab File: VW008776.D
Acq: 21 Feb 2019 18:10

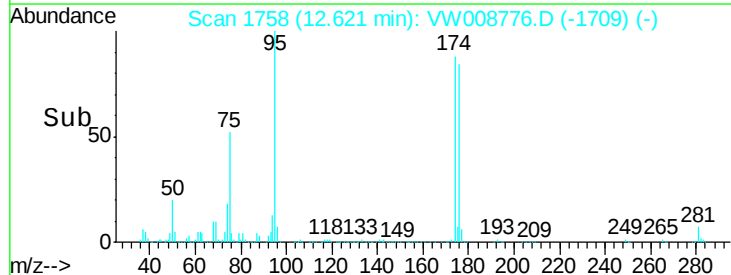
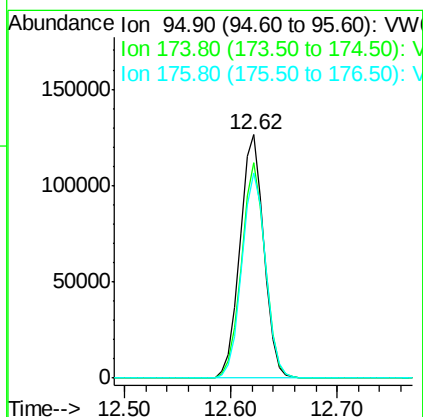
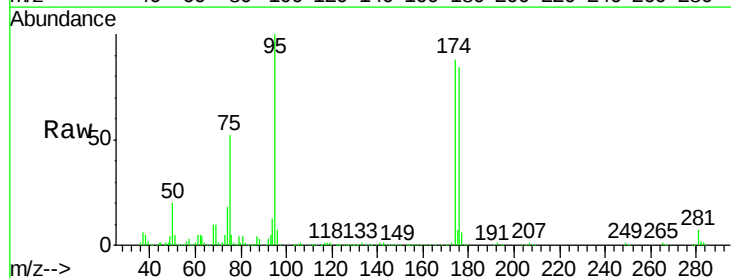
Instrument :
MSVOA_W
ClientSampleId :
M-11-A-S

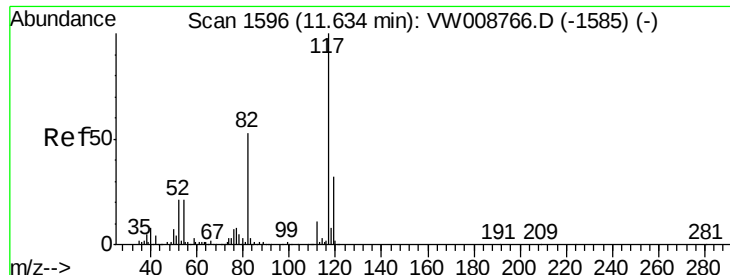
Tot Ion:129 Resp: 46
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 45.347 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008776.D
Acq: 21 Feb 2019 18:10

Tgt Ion: 95 Resp: 199272
Ion Ratio Lower Upper
95 100
174 87.2 0.0 169.2
176 84.3 0.0 163.6

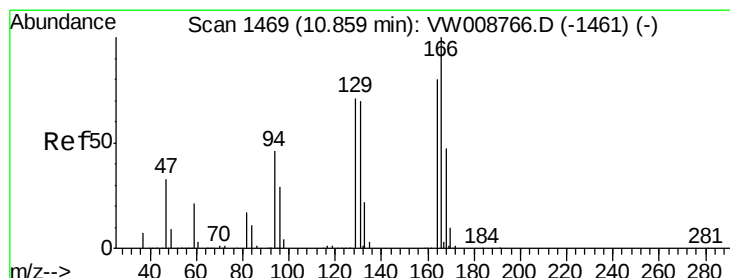
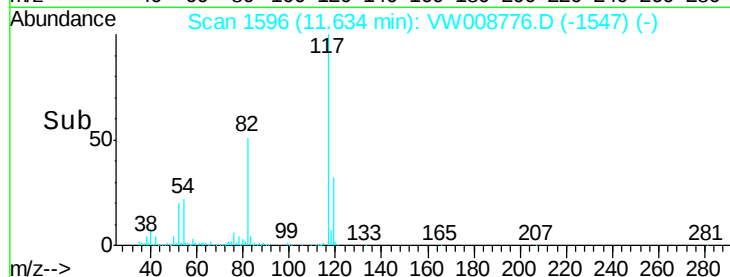
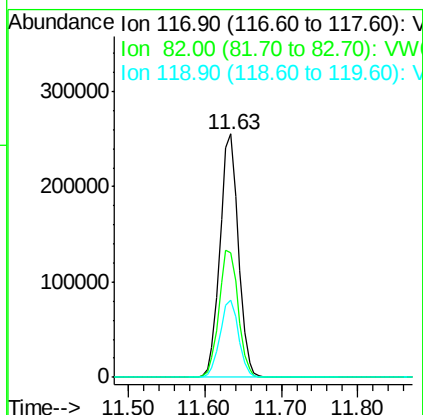
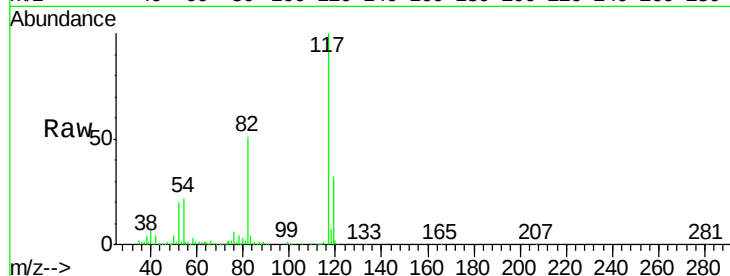




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008776.D
Acq: 21 Feb 2019 18:10

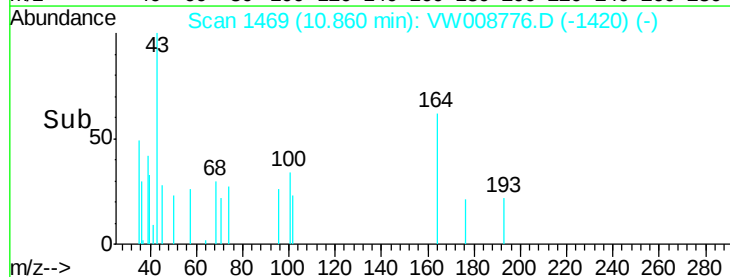
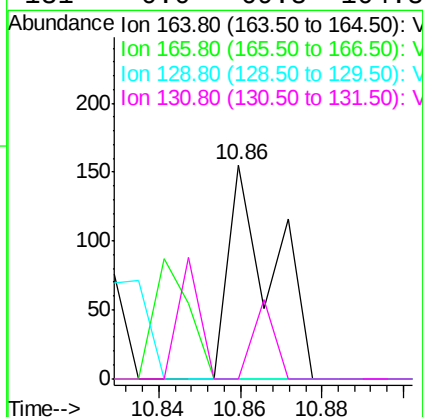
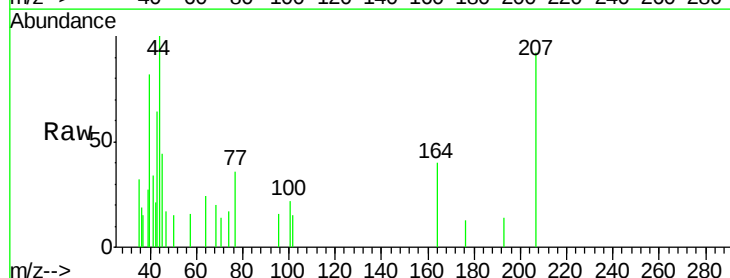
Instrument :
MSVOA_W
ClientSampleId :
M-11-A-S

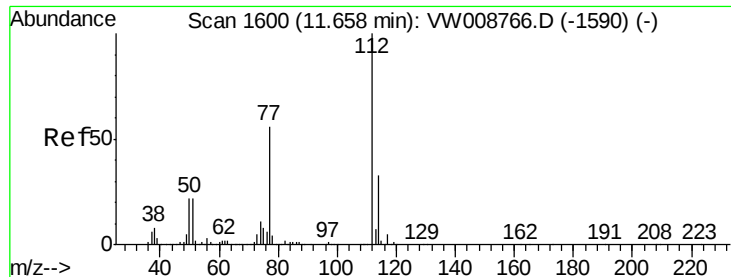
Tot Ion:117 Resp: 425491
Ion Ratio Lower Upper
117 100
82 51.0 42.2 63.4
119 31.7 25.9 38.9



#64
Tetrachloroethene
Concen: 0.039 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008776.D
Acq: 21 Feb 2019 18:10

Tgt Ion:164 Resp: 118
Ion Ratio Lower Upper
164 100
166 0.0 99.5 149.3#
129 0.0 71.1 106.7#
131 0.0 69.8 104.8#





#65

Chlorobenzene

Concen: 0.028 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

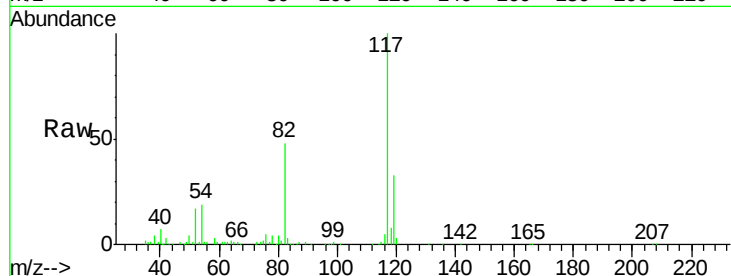
M-11-A-S

Tot Ion:112 Resp: 248

Ion Ratio Lower Upper

112 100

114 72.9 26.6 40.0#



Abundance Ion 111.90 (111.60 to 112.60): V

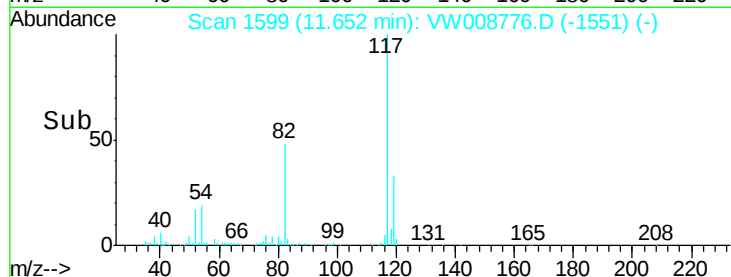
Ion 113.90 (113.60 to 114.60): V

11.65

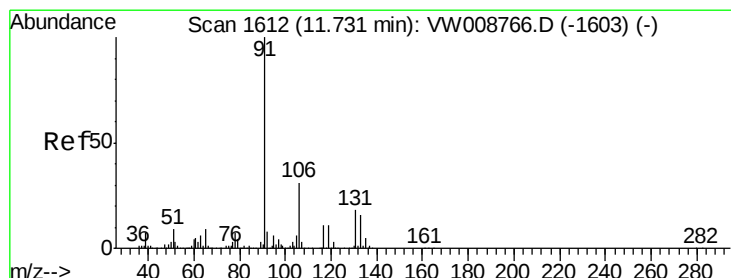
11.64

11.66

11.68



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 0.006 ug/l

RT: 11.80 min Scan# 1624

Delta R.T. 0.07 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

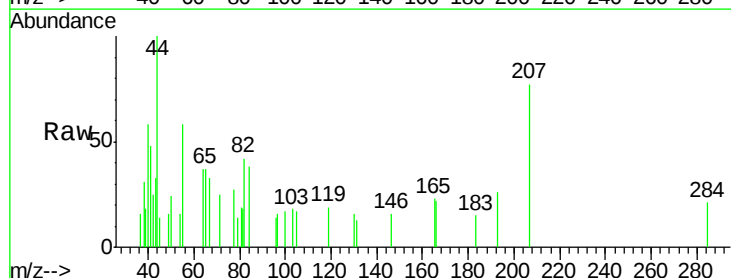
Tgt Ion:131 Resp: 19

Ion Ratio Lower Upper

131 100

133 131.6 46.7 140.0

119 0.0 30.8 92.4#



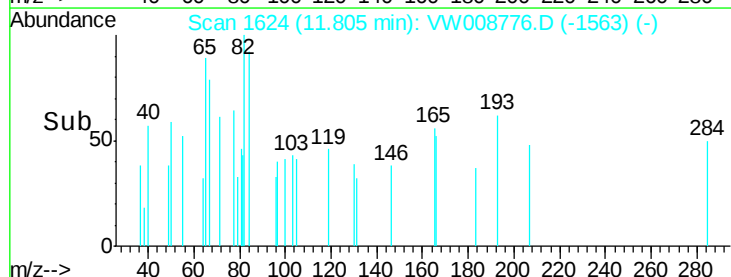
Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

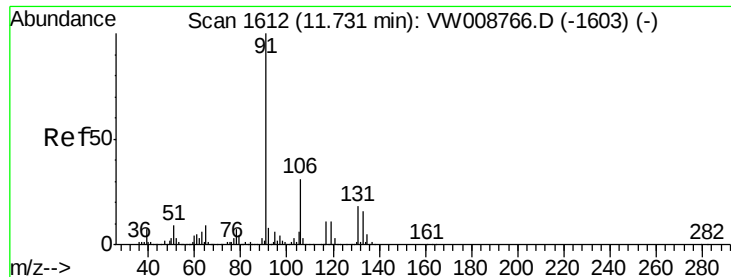
Ion 118.80 (118.50 to 119.50): V

11.80

11.82



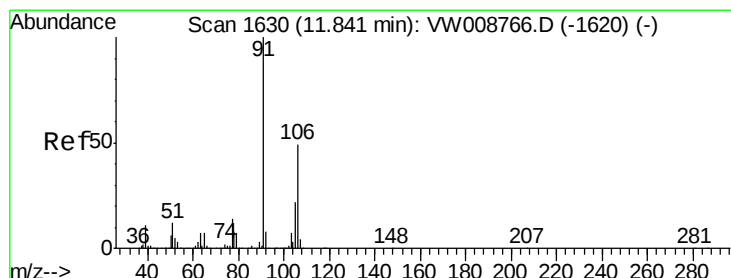
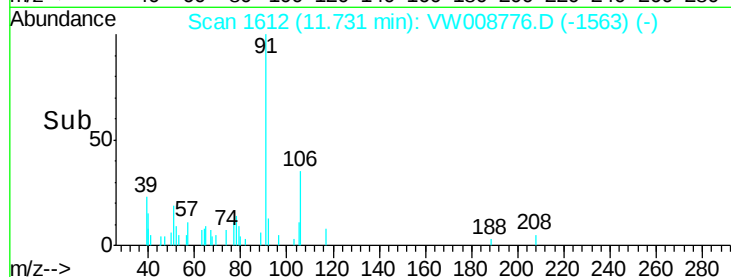
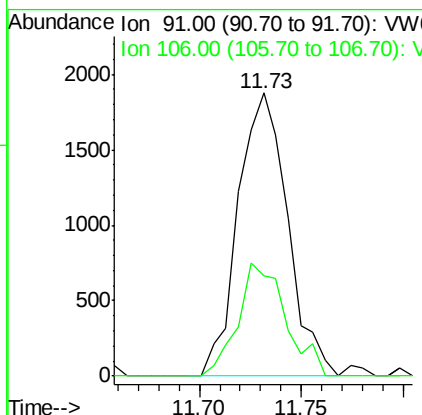
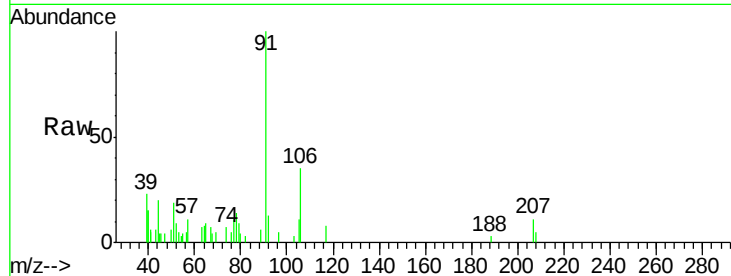
Time-->



#67
Ethyl Benzene
Concen: 0.198 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008776.D
Acq: 21 Feb 2019 18:10

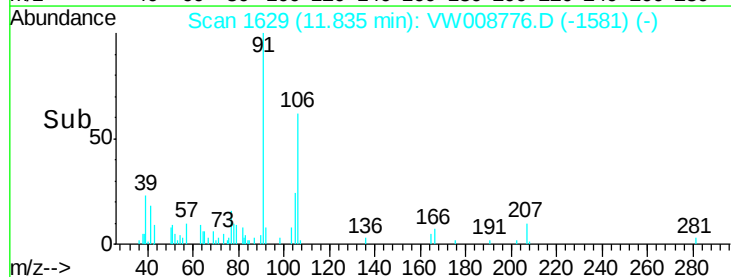
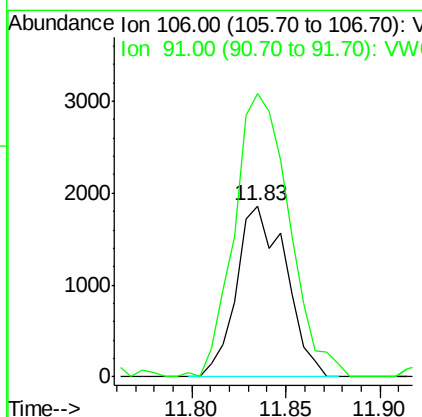
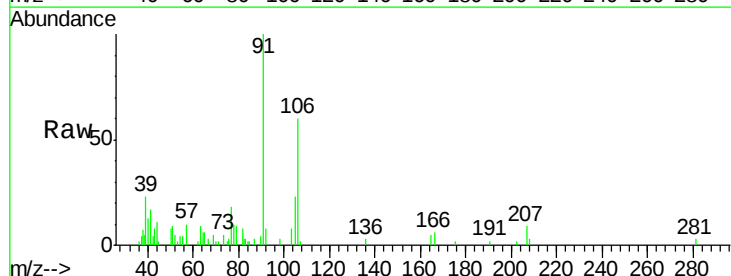
Instrument :
MSVOA_W
ClientSampleId :
M-11-A-S

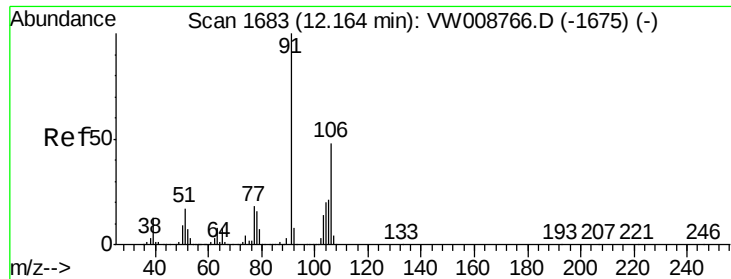
Tot Ion: 91 Resp: 3159
Ion Ratio Lower Upper
91 100
106 35.3 25.0 37.6



#68
m/p-Xylenes
Concen: 0.530 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008776.D
Acq: 21 Feb 2019 18:10

Tgt Ion: 106 Resp: 3387
Ion Ratio Lower Upper
106 100
91 184.1 161.5 242.3

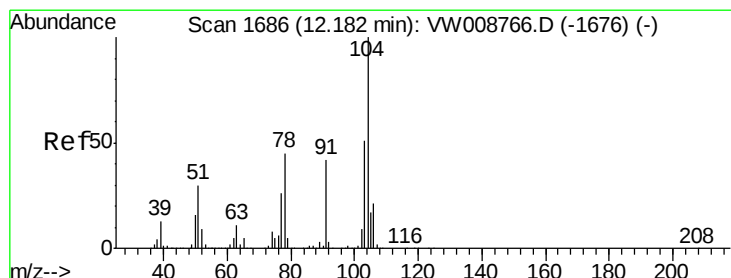
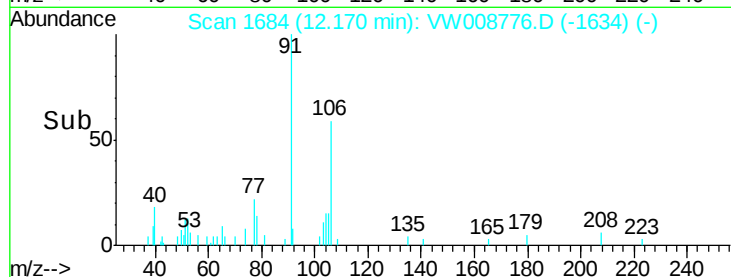
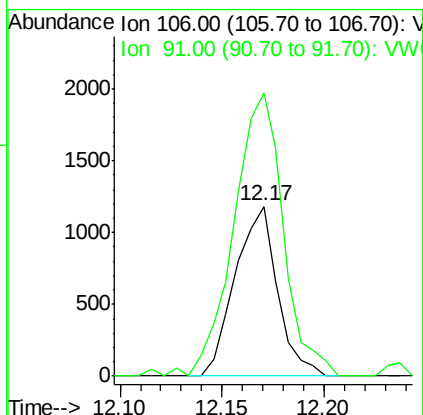
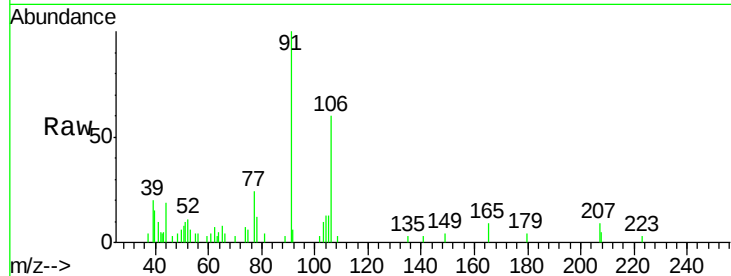




#69
o-Xylene
Concen: 0.284 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008776.D
Acq: 21 Feb 2019 18:10

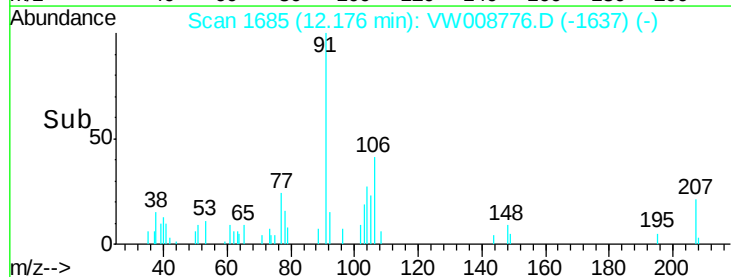
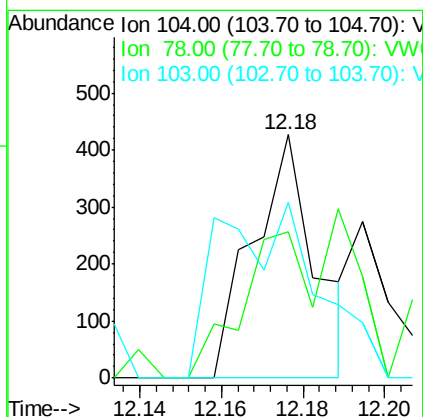
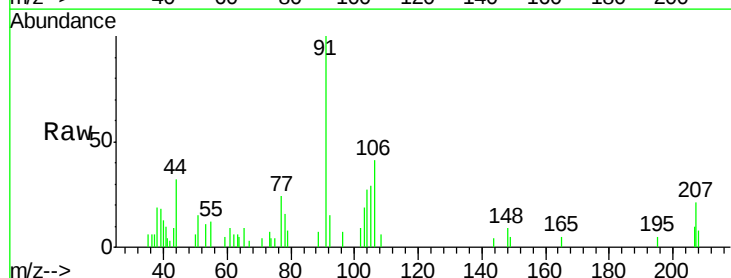
Instrument :
MSVOA_W
ClientSampled :
M-11-A-S

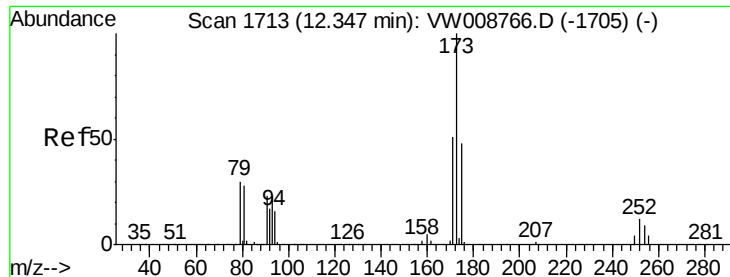
Tot Ion:106 Resp: 1702
Ion Ratio Lower Upper
106 100
91 195.1 106.2 318.6



#70
Styrene
Concen: 0.047 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW008776.D
Acq: 21 Feb 2019 18:10

Tgt Ion:104 Resp: 455
Ion Ratio Lower Upper
104 100
78 113.8 40.8 61.2#
103 113.6 44.2 66.2#

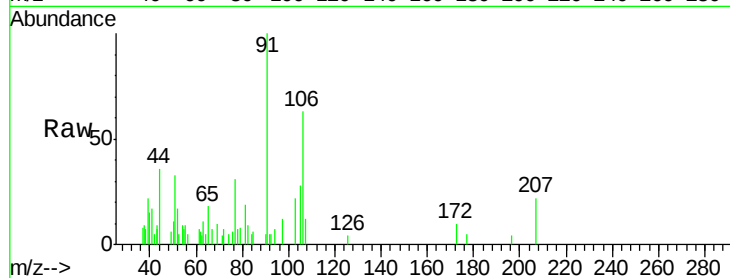




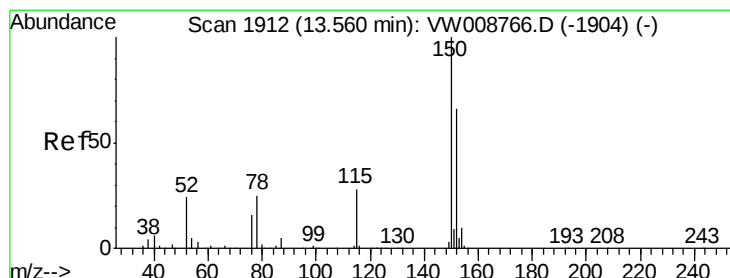
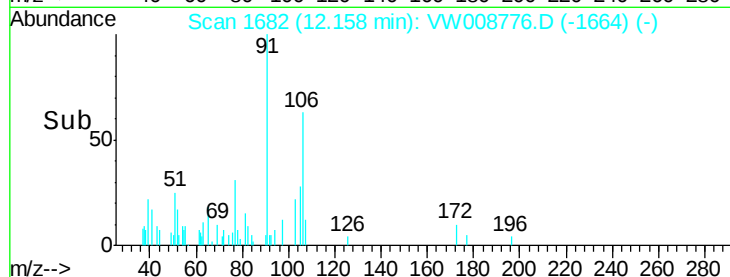
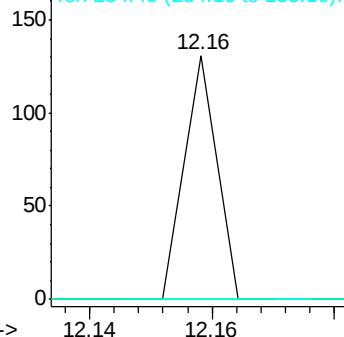
#71
Bromoform
Concen: 0.030 ug/l
RT: 12.16 min Scan# 1682
Delta R.T. -0.19 min
Lab File: VW008776.D
Acq: 21 Feb 2019 18:10

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

Tot Ion:173 Resp: 48
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.2 0.4#

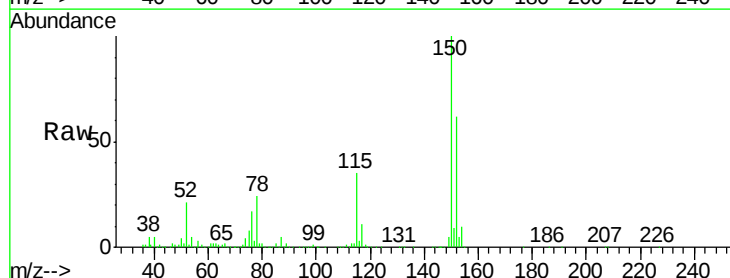


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

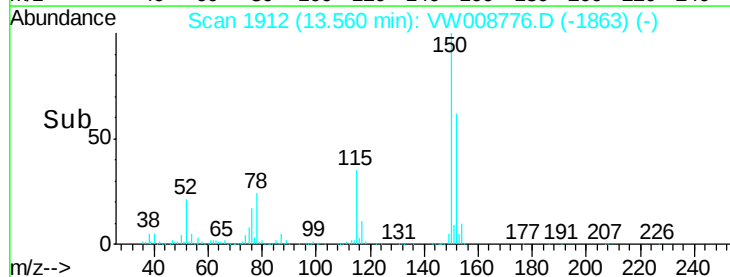
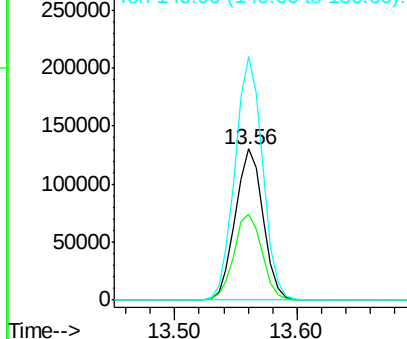


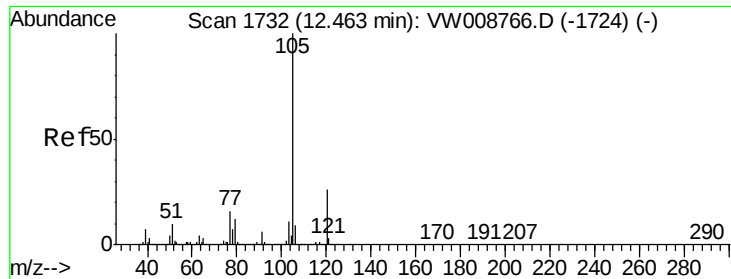
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008776.D
Acq: 21 Feb 2019 18:10

Tgt Ion:152 Resp: 203895
Ion Ratio Lower Upper
152 100
115 57.1 28.6 85.8
150 159.8 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: 0.038 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

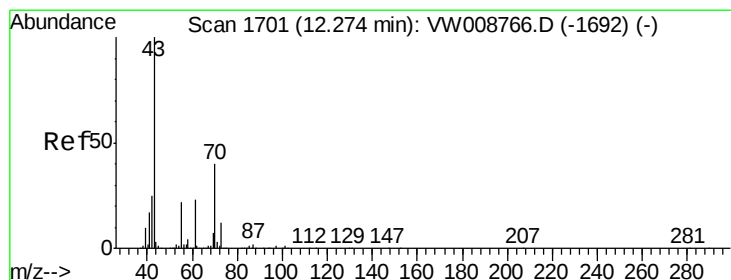
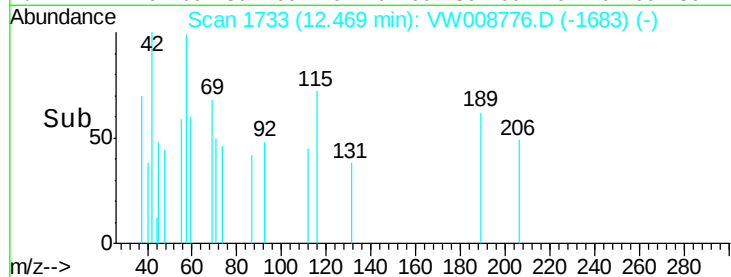
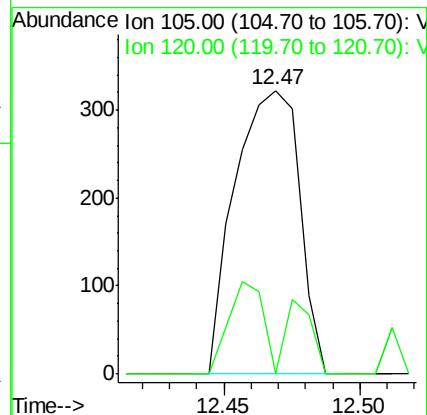
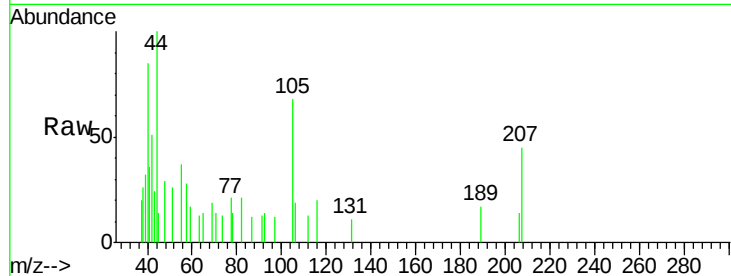
M-11-A-S

Tot Ion:105 Resp: 528

Ion Ratio Lower Upper

105 100

120 10.6 13.3 39.9#



#74

N-ethyl acetate

Concen: 0.107 ug/l

RT: 12.23 min Scan# 1694

Delta R.T. -0.04 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Tgt Ion: 43 Resp: 375

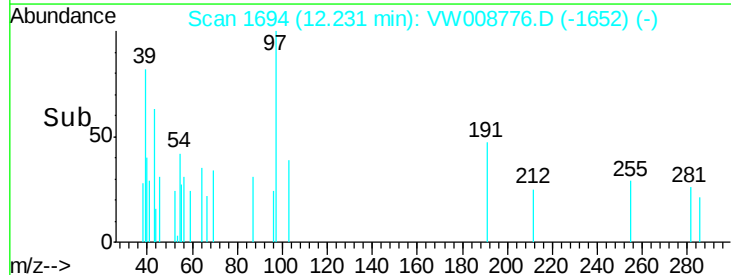
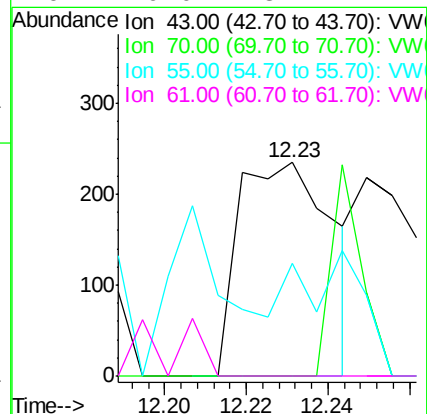
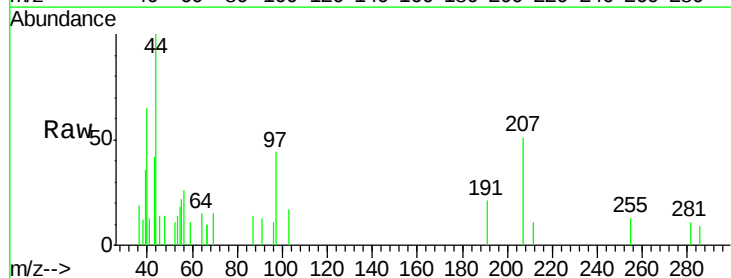
Ion Ratio Lower Upper

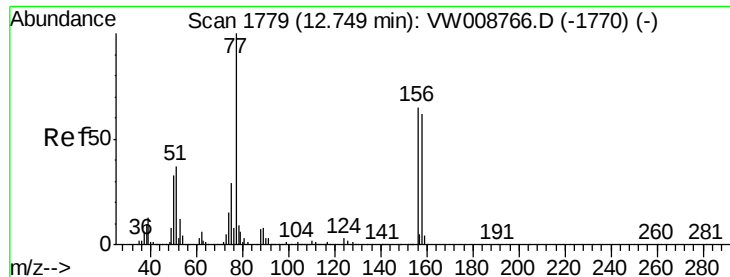
43 100

70 31.7 31.0 46.6

55 41.1 18.7 28.1#

61 0.0 18.1 27.1#





#77

Bromobenzene

Concen: 0.014 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

M-11-A-S

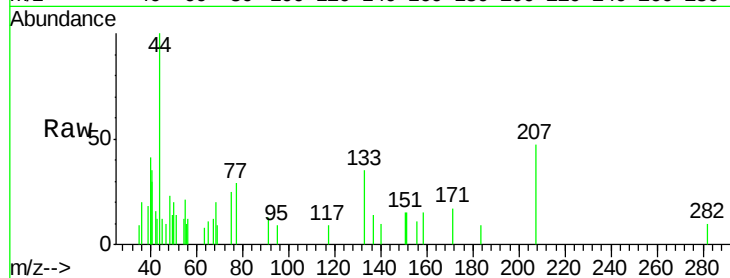
Tot Ion:156 Resp: 45

Ion Ratio Lower Upper

156 100

77 771.1 89.1 267.4#

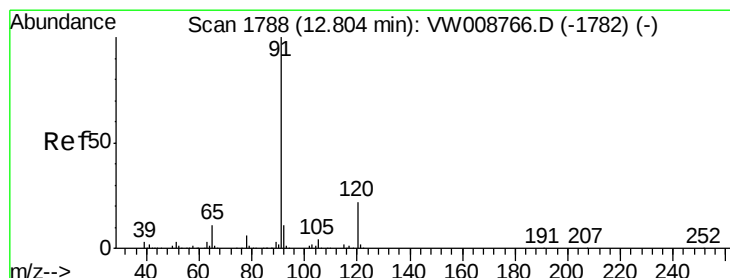
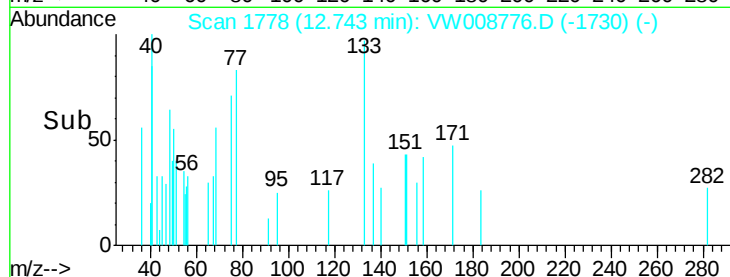
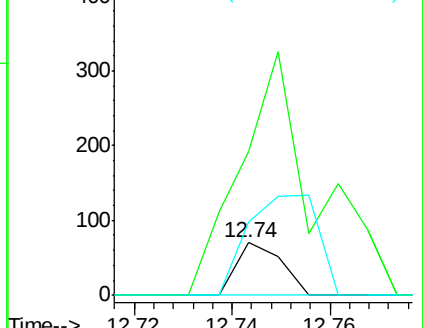
158 295.6 49.2 147.6#



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: 0.075 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW008776.D

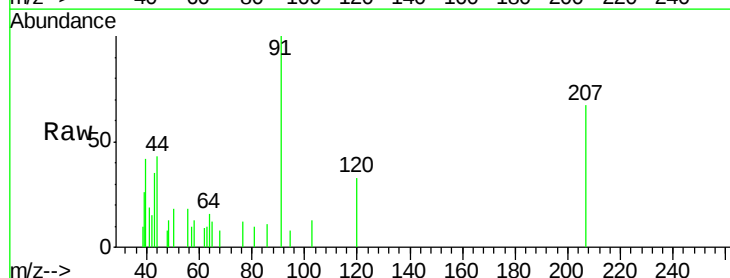
Acq: 21 Feb 2019 18:10

Tgt Ion: 91 Resp: 1274

Ion Ratio Lower Upper

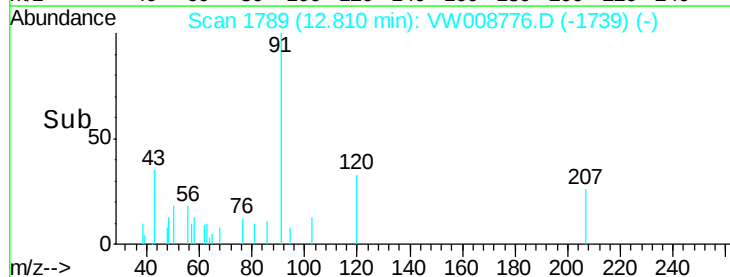
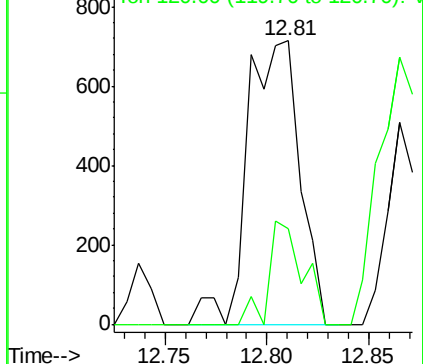
91 100

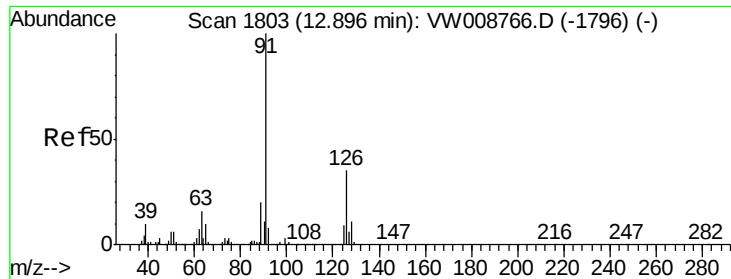
120 23.6 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

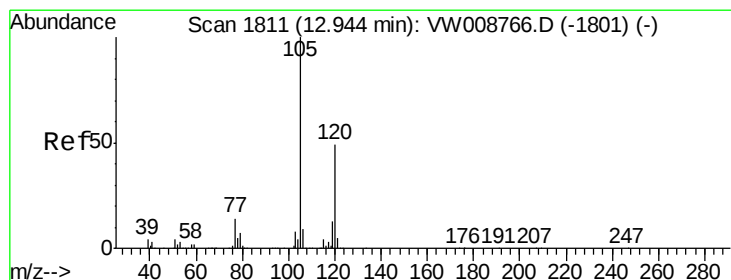
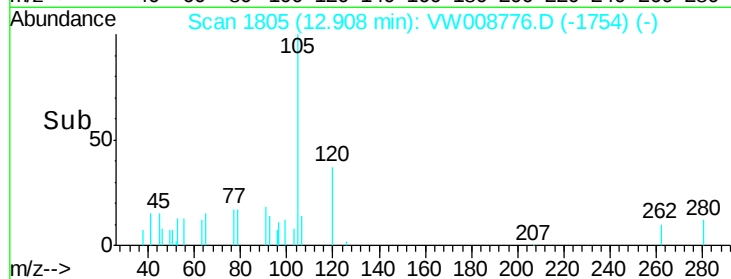
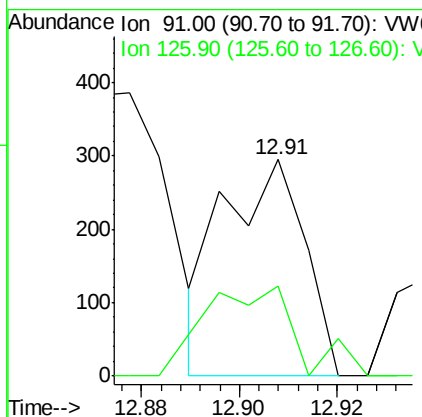
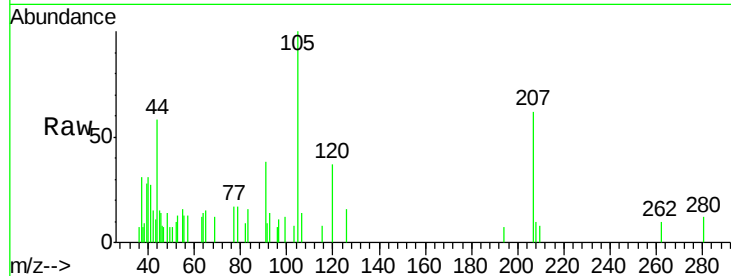




#79
 2-Chlorotoluene
 Concen: 0.035 ug/l
 RT: 12.91 min Scan# 1805
 Delta R.T. 0.01 min
 Lab File: VW008776.D
 Acq: 21 Feb 2019 18:10

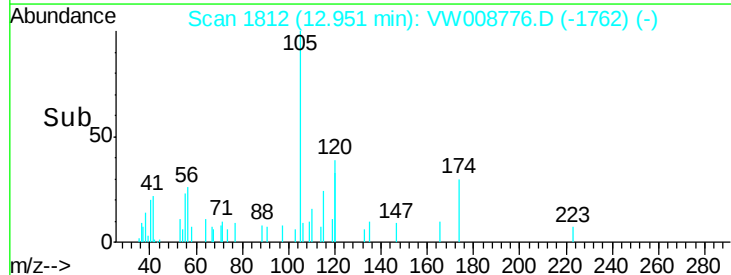
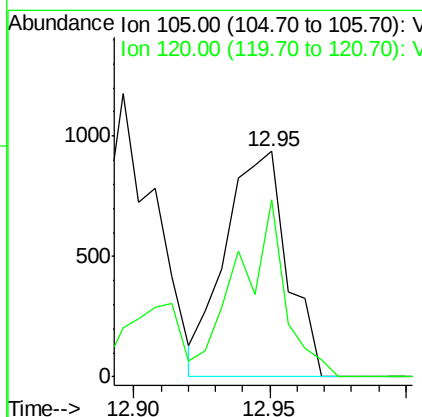
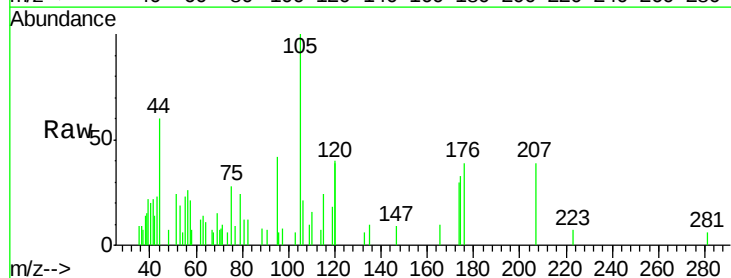
Instrument :
 MSVOA_W
 ClientSampleId :
 M-11-A-S

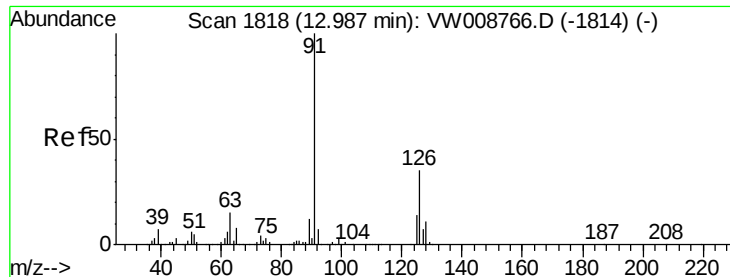
Tot Ion: 91 Resp: 337
 Ion Ratio Lower Upper
 91 100
 126 47.8 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.122 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW008776.D
 Acq: 21 Feb 2019 18:10

Tgt Ion: 105 Resp: 1478
 Ion Ratio Lower Upper
 105 100
 120 59.5 24.8 74.4

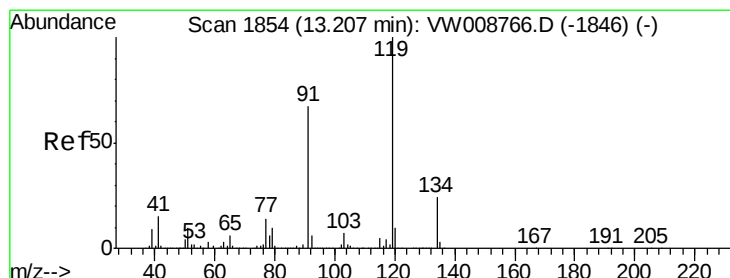
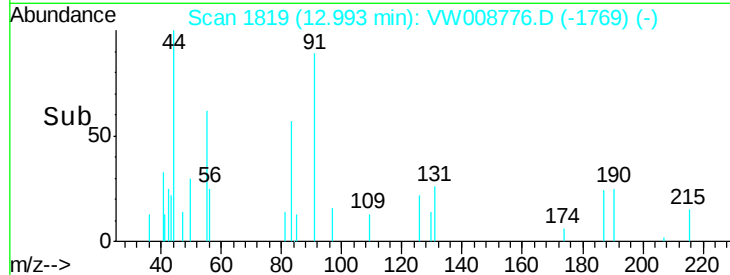
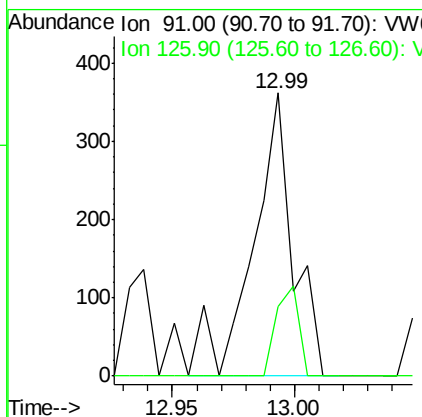
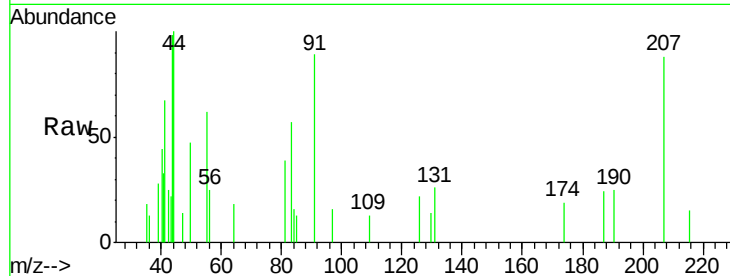




#82
 4-Chlorotoluene
 Concen: 0.041 ug/l
 RT: 12.99 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VW008776.D
 Acq: 21 Feb 2019 18:10

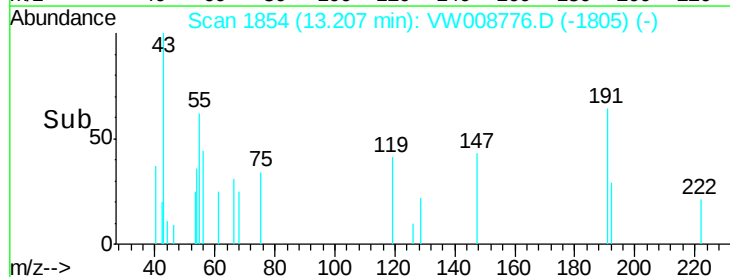
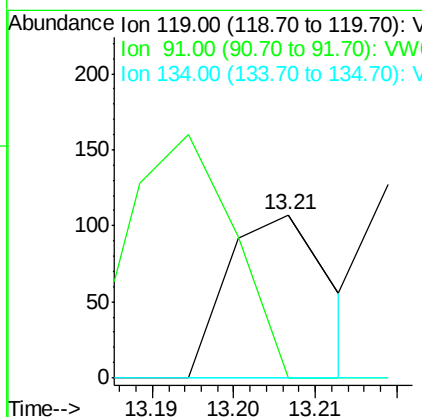
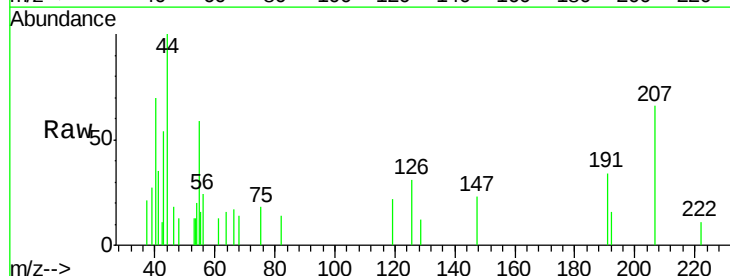
Instrument :
 MSVOA_W
 ClientSampled :
 M-11-A-S

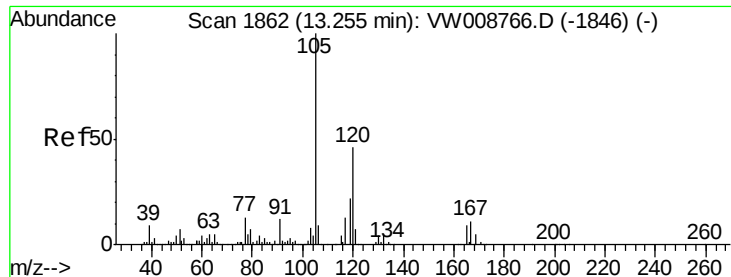
Tot Ion: 91 Resp: 415
 Ion Ratio Lower Upper
 91 100
 126 18.1 17.2 51.6



#83
 tert-Butylbenzene
 Concen: 0.009 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW008776.D
 Acq: 21 Feb 2019 18:10

Tgt Ion: 119 Resp: 93
 Ion Ratio Lower Upper
 119 100
 91 149.5 33.6 100.8#
 134 0.0 13.7 41.1#





#84

1,2,4-Trimethylbenzene

Concen: 0.346 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

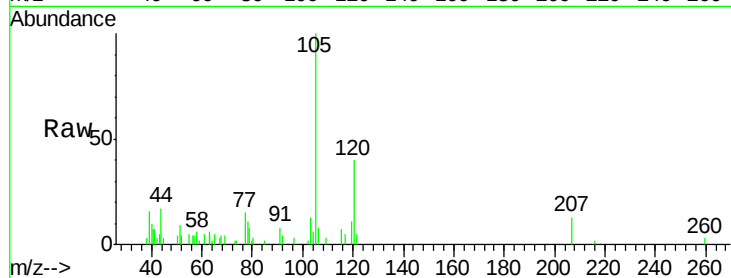
M-11-A-S

Tot Ion:105 Resp: 4349

Ion Ratio Lower Upper

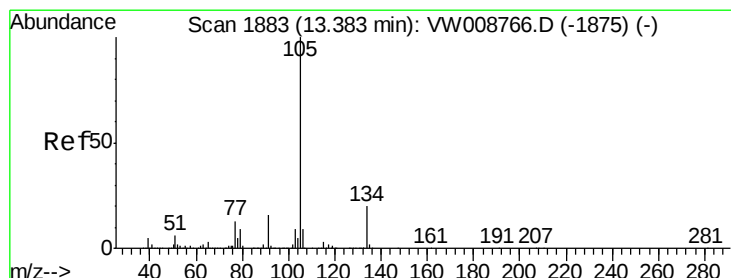
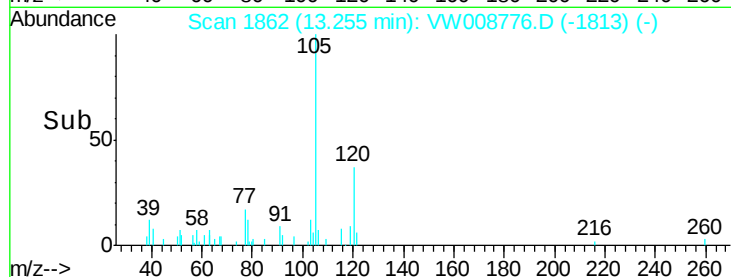
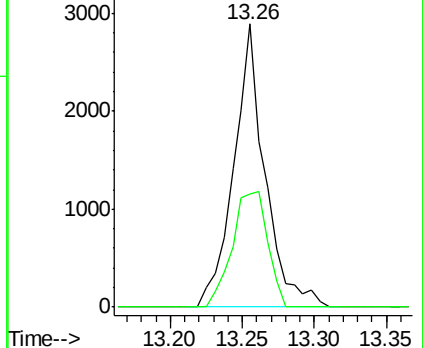
105 100

120 46.4 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.027 ug/l

RT: 13.40 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VW008776.D

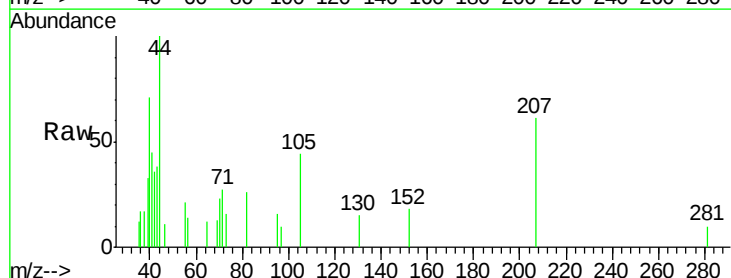
Acq: 21 Feb 2019 18:10

Tgt Ion:105 Resp: 411

Ion Ratio Lower Upper

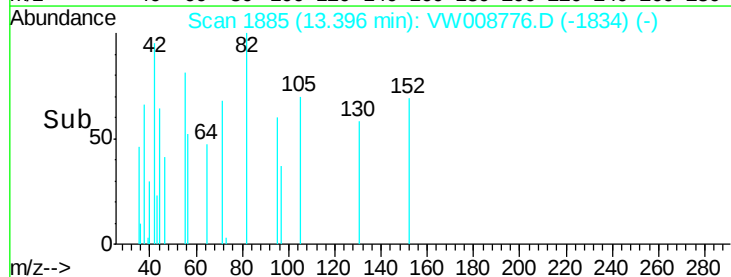
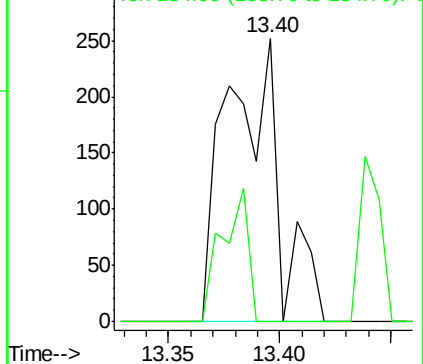
105 100

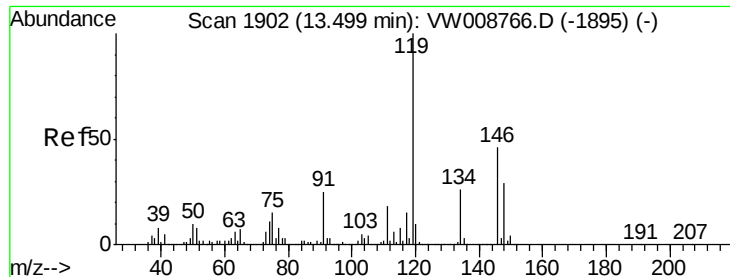
134 23.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

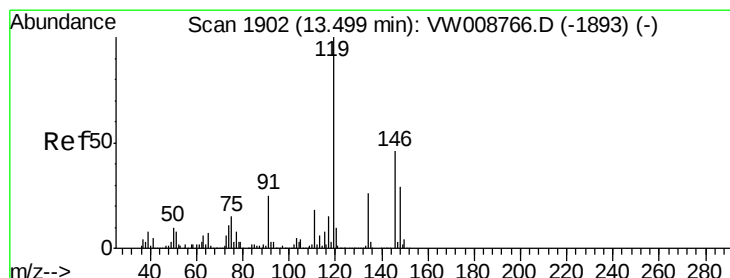
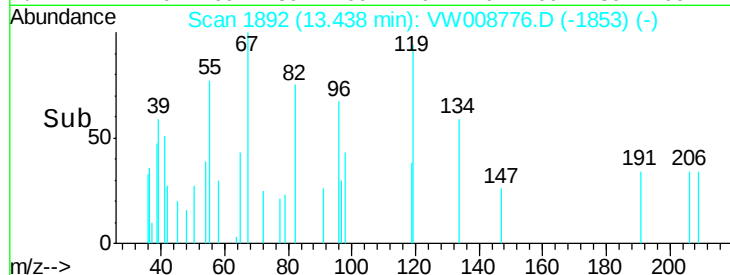
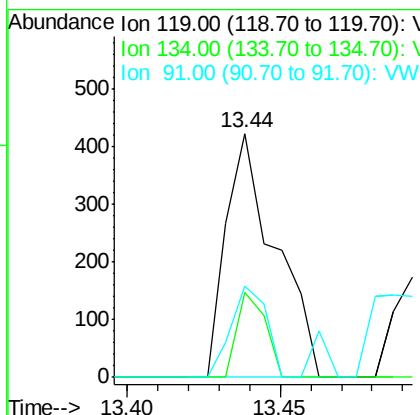
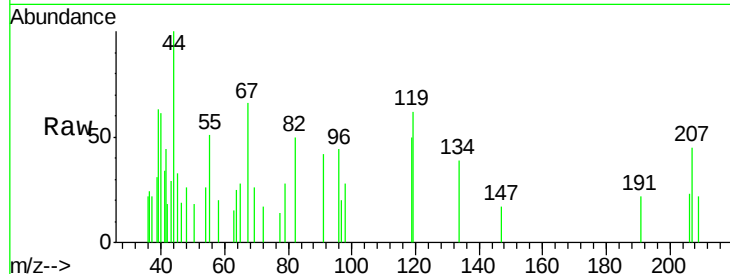




#86
 p-Isopropyltoluene
 Concen: 0.034 ug/l
 RT: 13.44 min Scan# 1892
 Delta R.T. -0.06 min
 Lab File: VW008776.D
 Acq: 21 Feb 2019 18:10

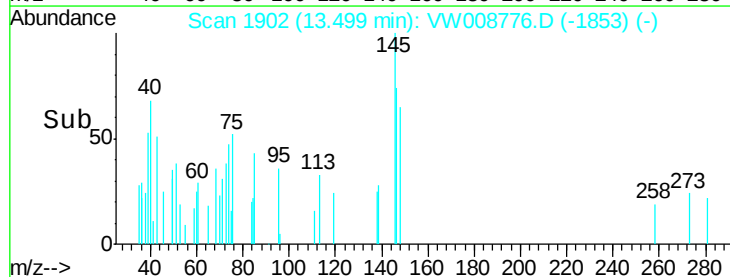
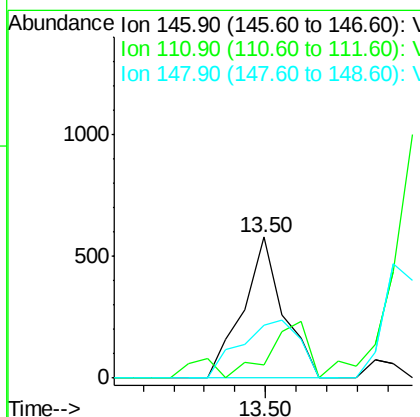
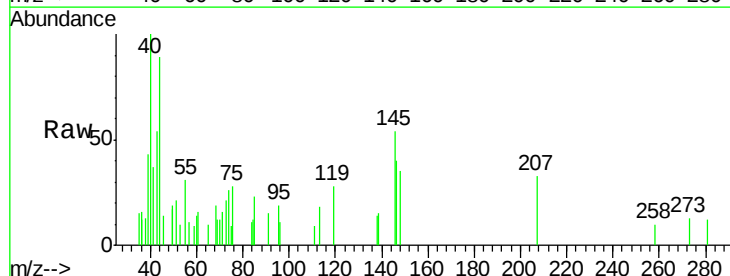
Instrument :
 MSVOA_W
 ClientSampled :
 M-11-A-S

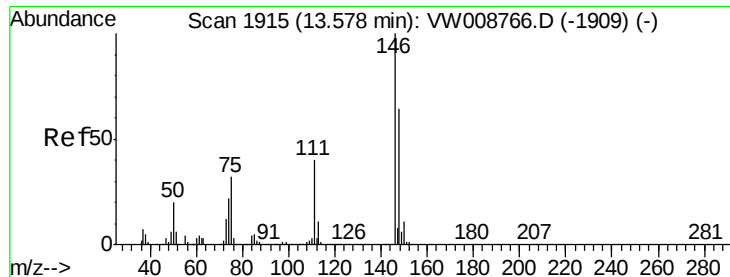
Tot Ion:119 Resp: 471
 Ion Ratio Lower Upper
 119 100
 134 19.7 13.1 39.3
 91 27.0 12.1 36.3



#87
 1,3-Dichlorobenzene
 Concen: 0.077 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008776.D
 Acq: 21 Feb 2019 18:10

Tgt Ion:146 Resp: 527
 Ion Ratio Lower Upper
 146 100
 111 46.3 19.9 59.7
 148 60.5 31.6 94.8





#88

1,4-Dichlorobenzene

Concen: 0.078 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.08 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampled :

M-11-A-S

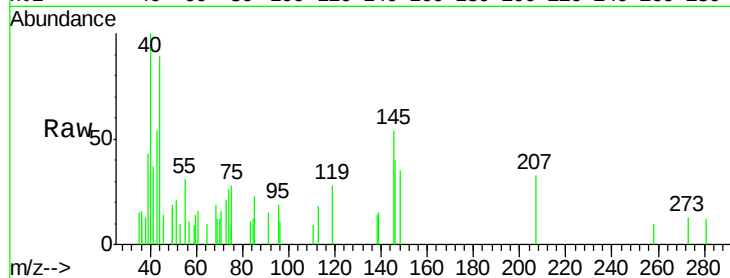
Tot Ion:146 Resp: 527

Ion Ratio Lower Upper

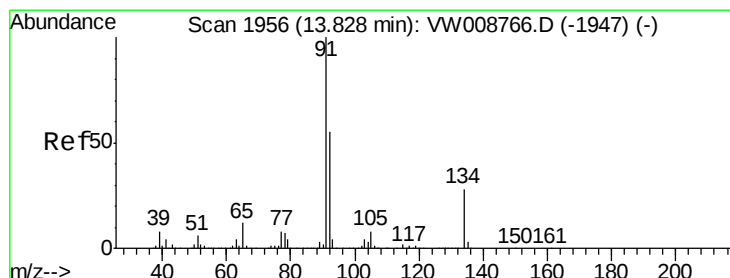
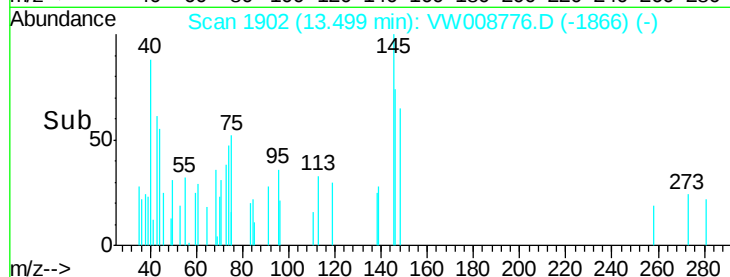
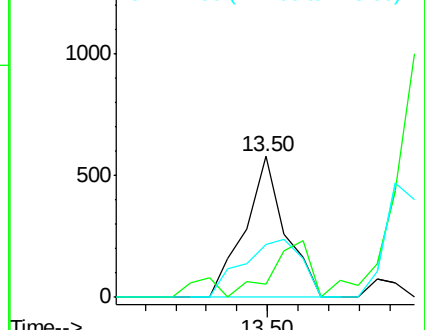
146 100

111 46.3 19.3 57.9

148 60.5 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: 0.052 ug/l

RT: 13.82 min Scan# 1954

Delta R.T. -0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

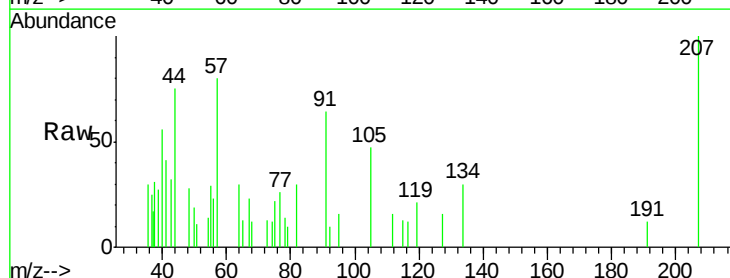
Tgt Ion: 91 Resp: 671

Ion Ratio Lower Upper

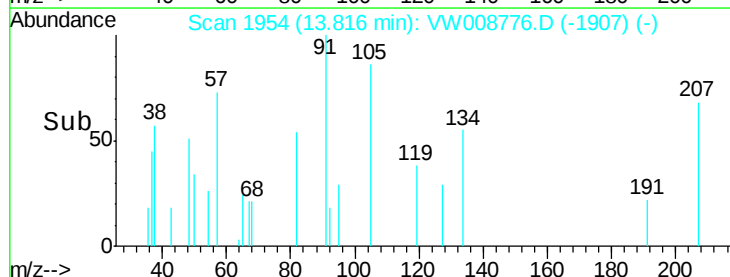
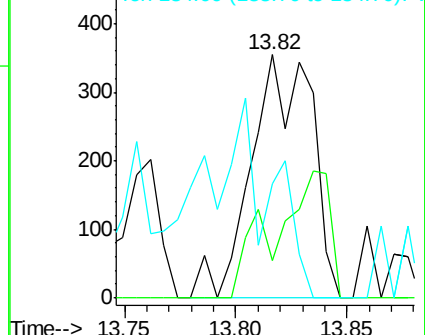
91 100

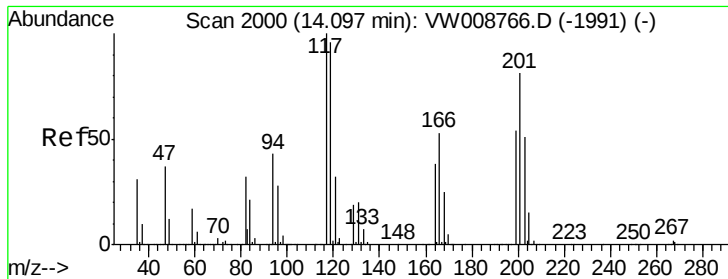
92 14.8 26.8 80.4#

134 87.3 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: 0.023 ug/l

RT: 14.33 min Scan# 2038

Delta R.T. 0.23 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

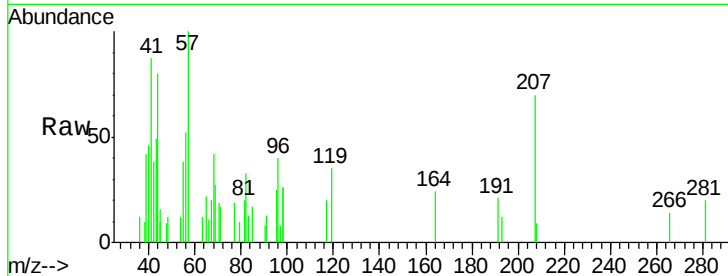
M-11-A-S

Tot Ion:117 Resp: 52

Ion Ratio Lower Upper

117 100

201 59.6 40.3 120.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

14.33

150

100

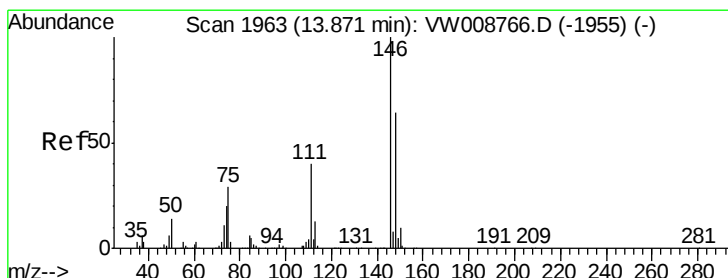
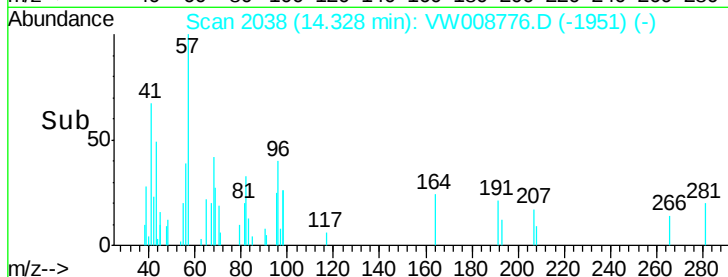
50

0

14.32

14.34

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.066 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

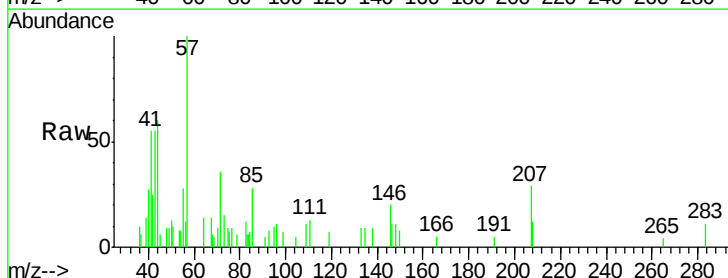
Tgt Ion:146 Resp: 403

Ion Ratio Lower Upper

146 100

111 72.0 20.3 60.8#

148 64.3 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

400

300

200

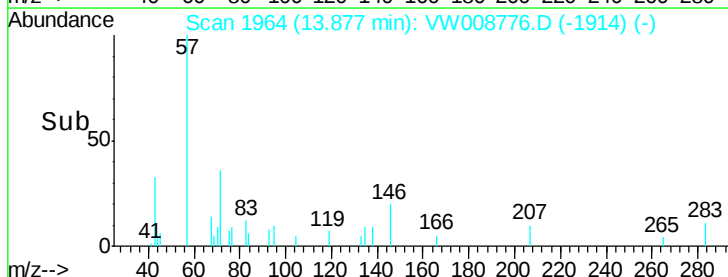
100

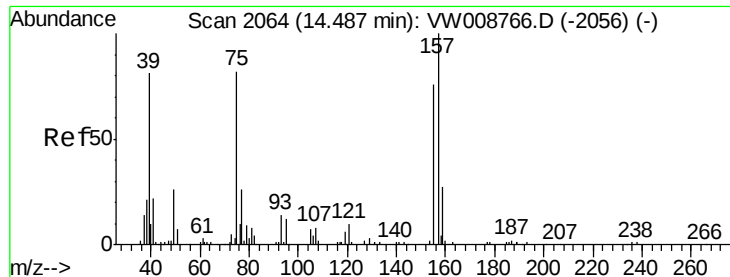
0

13.85

13.90

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.293 ug/l

RT: 14.51 min Scan# 2068

Delta R.T. 0.02 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

M-11-A-S

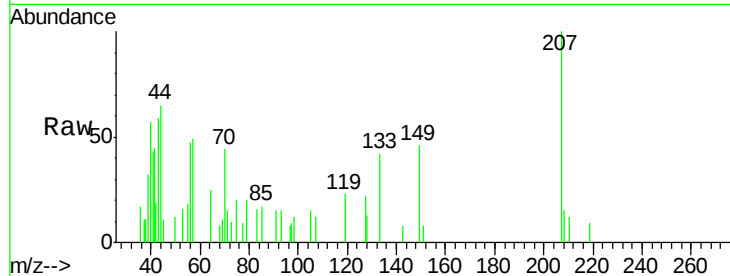
Tot Ion: 75 Resp: 121

Ion Ratio Lower Upper

75 100

155 0.0 41.8 125.4#

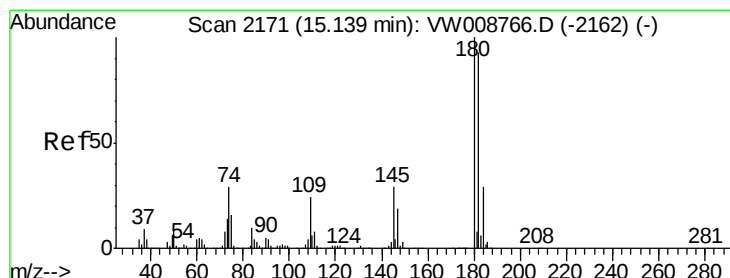
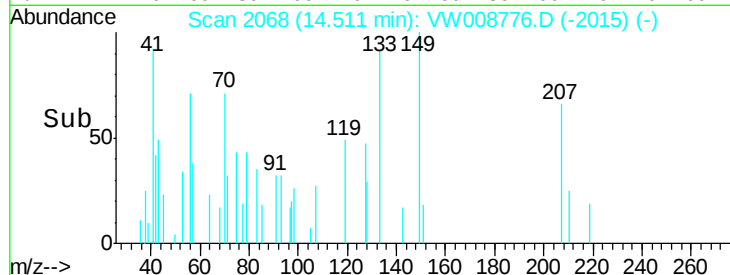
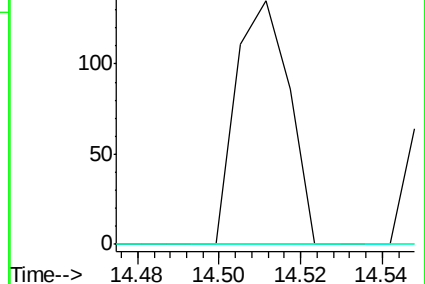
157 0.0 56.6 169.9#



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: 0.116 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

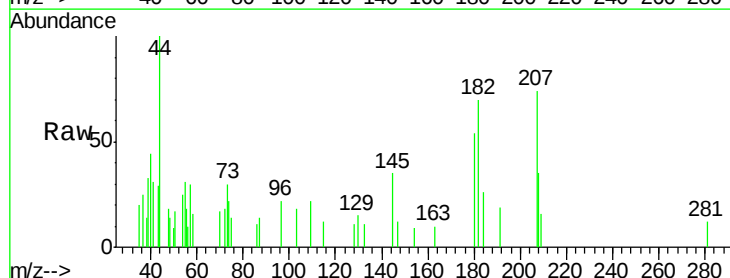
Tgt Ion: 180 Resp: 511

Ion Ratio Lower Upper

180 100

182 133.3 47.2 141.6

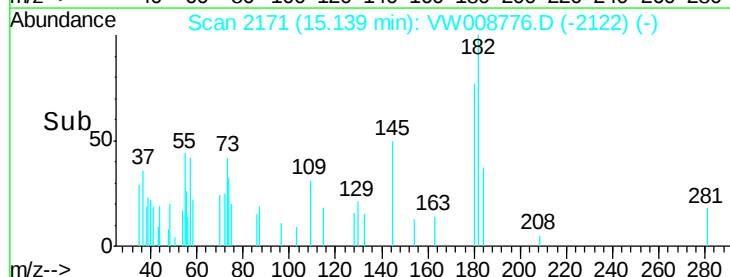
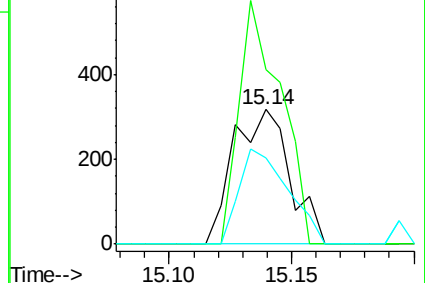
145 61.3 14.4 43.0#

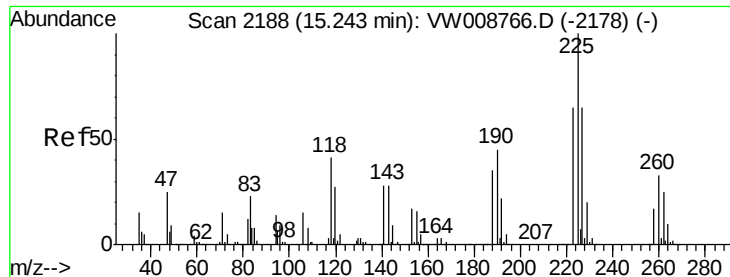


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.007 ug/l

RT: 15.23 min Scan# 2186

Delta R.T. -0.01 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

Instrument :

MSVOA_W

ClientSampleId :

M-11-A-S

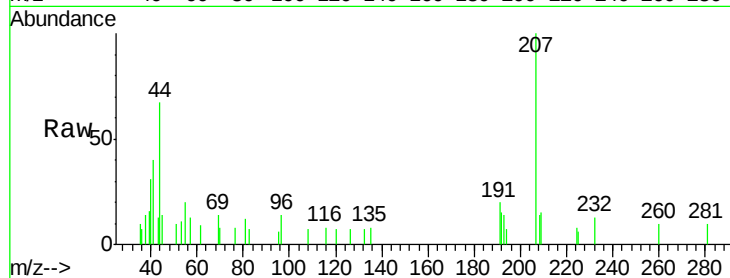
Tot Ion:225 Resp: 19

Ion Ratio Lower Upper

225 100

223 515.8 31.5 94.5#

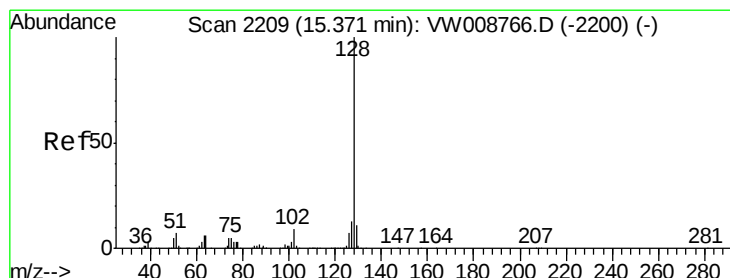
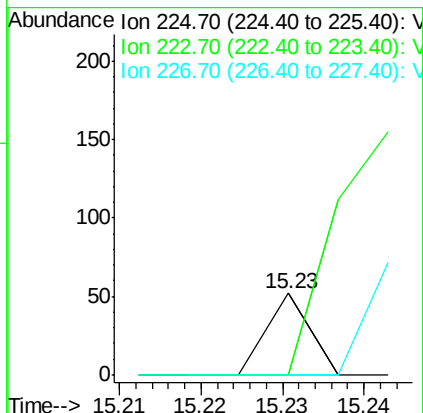
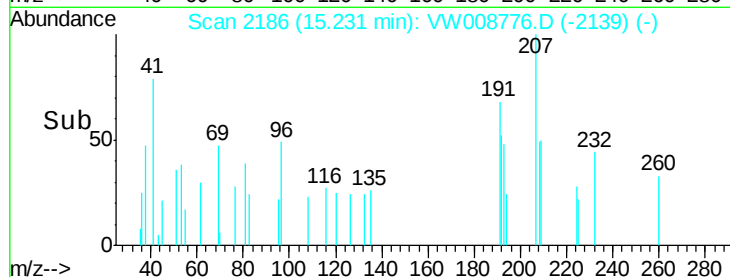
227 252.6 31.6 94.8#



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: 0.553 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008776.D

Acq: 21 Feb 2019 18:10

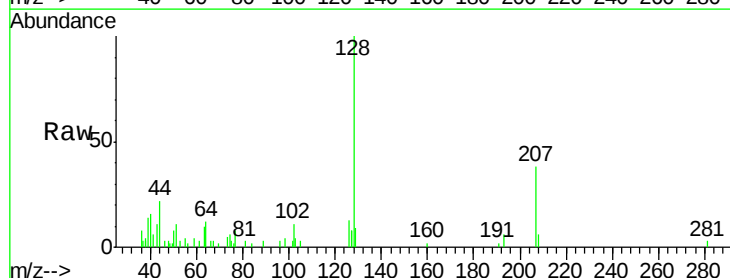
Tgt Ion:128 Resp: 4139

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

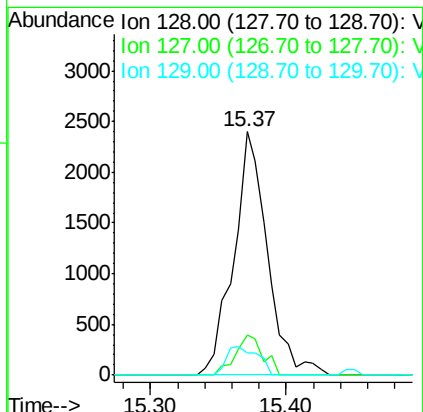
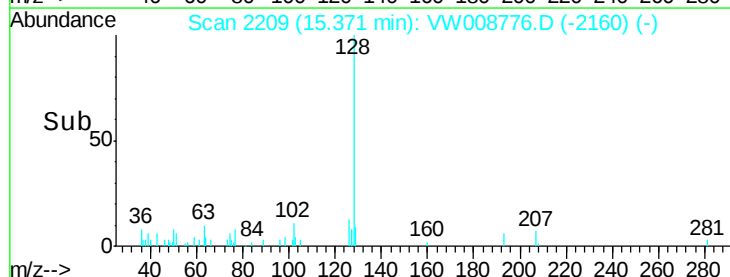
129 10.9 8.7 13.1

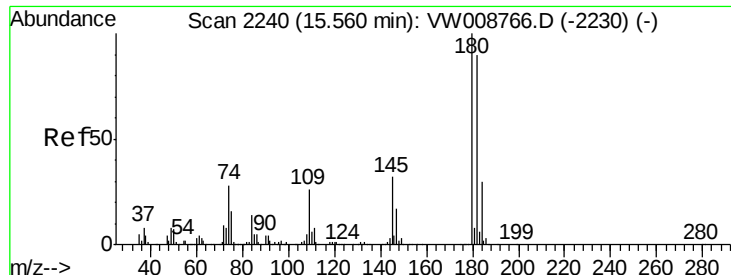


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

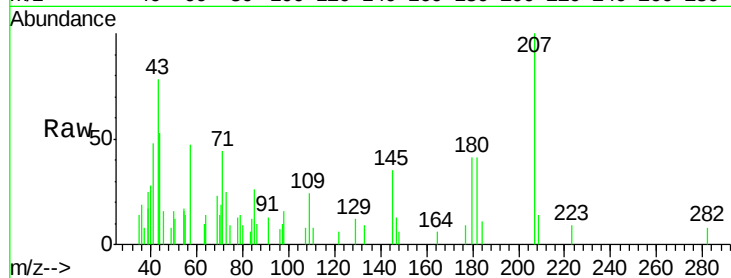




#96
 1,2,3-Trichlorobenzene
 Concen: 0.169 ug/l
 RT: 15.56 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW008776.D
 Acq: 21 Feb 2019 18:10

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.9	140.8
145	41.1	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

