

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030719\
 Data File : VW009045.D
 Acq On : 07 Mar 2019 17:44
 Operator : SY/VA
 Sample : K1760-03RE
 Misc : 4.79G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 Z2-8RE

Quant Time: Mar 08 05:43:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	18655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	27387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7649	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	13048	69.52	ug/l	0.00
Spiked Amount			Recovery	=	139.04%	
35) Dibromofluoromethane	7.88	113	10057	60.99	ug/l	0.00
Spiked Amount			Recovery	=	121.98%	
50) Toluene-d8	10.32	98	32052	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
62) 4-Bromofluorobenzene	12.62	95	9203	34.52	ug/l	0.00
Spiked Amount			Recovery	=	69.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.21	50	524	2.194	ug/l #	43
5) Bromomethane	2.78	94	812	3.969	ug/l #	80
8) Diethyl Ether	3.69	74	106	1.111	ug/l	95
10) Methyl Iodide	4.28	142	879	7.091	ug/l #	78
11) Tert butyl alcohol	5.17	59	27	1.877	ug/l #	1
13) Acrolein	3.89	56	96	6.066	ug/l #	14
15) Acrylonitrile	5.42	53	102	2.449	ug/l #	70
16) Acetone	4.13	43	1152	27.200	ug/l	90
18) Methyl Acetate	4.67	43	203	2.084	ug/l #	88
20) Methylene Chloride	4.92	84	1910	4.667	ug/l #	74
25) 2-Butanone	7.20	43	117	1.999	ug/l #	86
29) Tetrahydrofuran	7.53	42	40	1.084	ug/l #	36
31) Cyclohexane	7.96	56	595	1.700	ug/l #	75
36) 1,1-Dichloropropene	7.94	75	1675	5.849	ug/l #	41
37) Ethyl Acetate	7.24	43	273	2.030	ug/l #	71
38) Carbon Tetrachloride	7.95	117	2135	7.219	ug/l #	21
41) Methacrylonitrile	7.48	41	142	1.901	ug/l #	18
48) Methyl methacrylate	9.45	41	135	1.157	ug/l #	16
49) 1,4-Dioxane	9.46	88	22	14.693	ug/l #	14
51) 4-Methyl-2-Pentanone	10.20	43	266	2.092	ug/l	97
52) Toluene	10.40	92	935	1.804	ug/l	89
55) 1,1,2-Trichloroethane	10.79	97	241	1.701	ug/l #	16
59) 2-Hexanone	11.01	43	191	2.136	ug/l	75
76) 1,2,3-Trichloropropane	12.62	75	5708	94.451	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	5708	211.262	ug/l #	6
87) 1,3-Dichlorobenzene	13.57	146	556	2.114	ug/l	85
88) 1,4-Dichlorobenzene	13.57	146	556	2.139	ug/l	85
90) Hexachloroethane	14.08	117	123	1.351	ug/l #	10
91) 1,2-Dichlorobenzene	13.87	146	362	1.560	ug/l #	28
92) 1,2-Dibromo-3-Chloropropan	14.51	75	46	2.989	ug/l #	32
93) 1,2,4-Trichlorobenzene	15.15	180	344	2.195	ug/l #	12
94) Hexachlorobutadiene	15.24	225	223	2.272	ug/l #	40
95) Naphthalene	15.37	128	394	1.536	ug/l #	68

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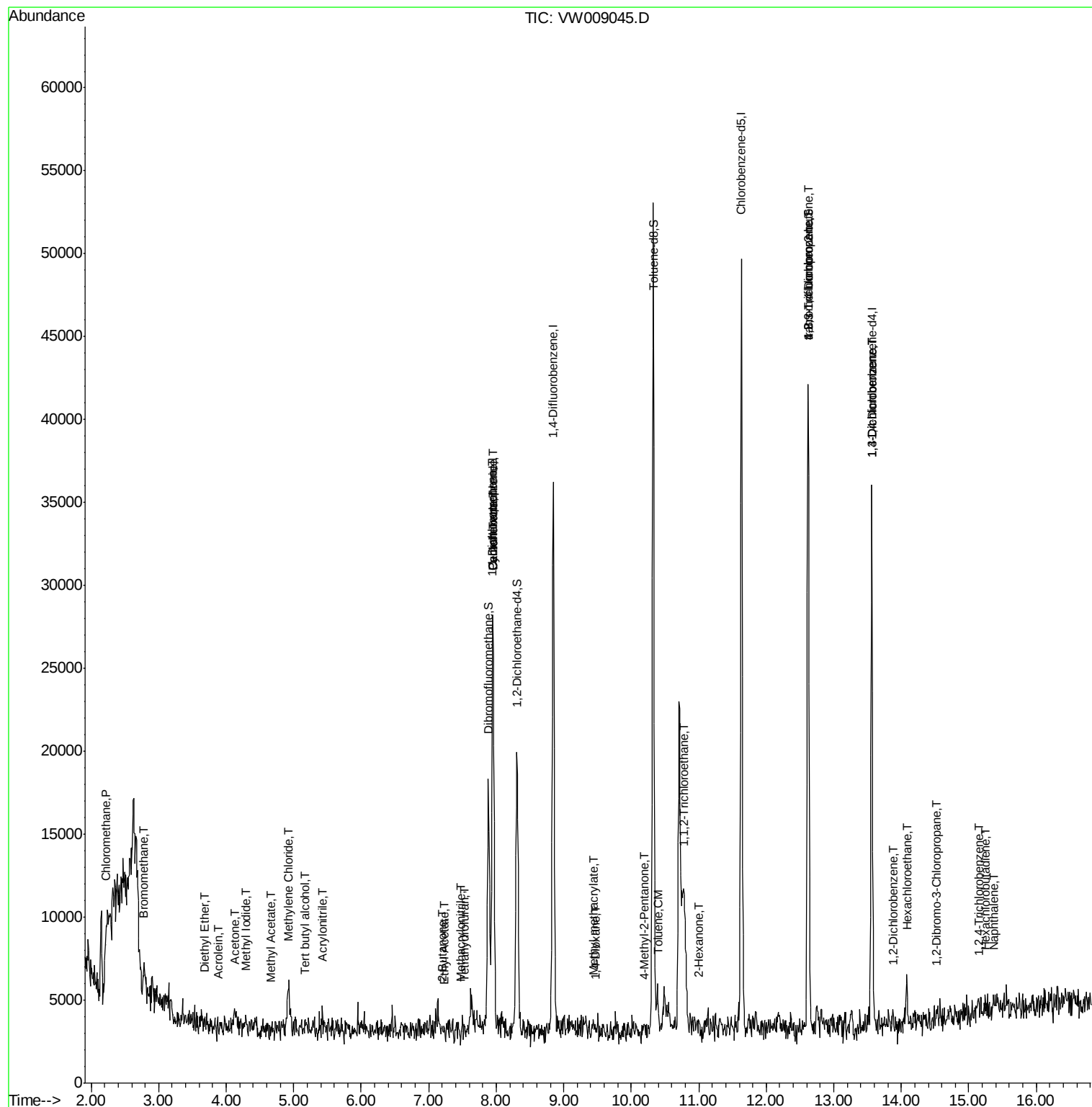
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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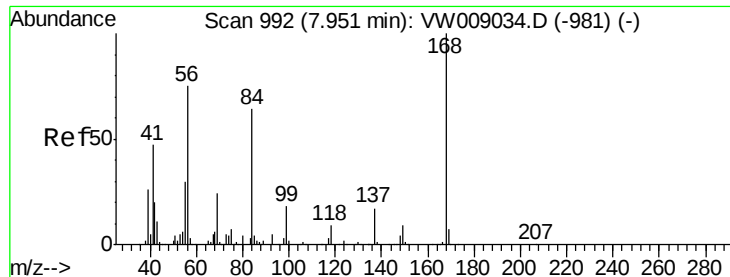
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW030719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

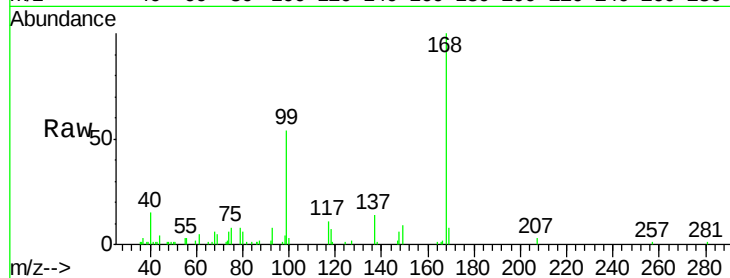
Z2-8RE

Tgt Ion:168 Resp: 18655

Ion Ratio Lower Upper

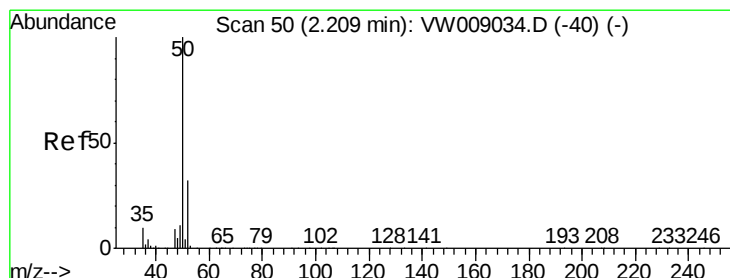
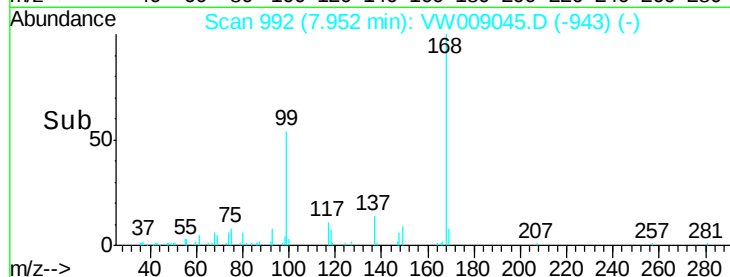
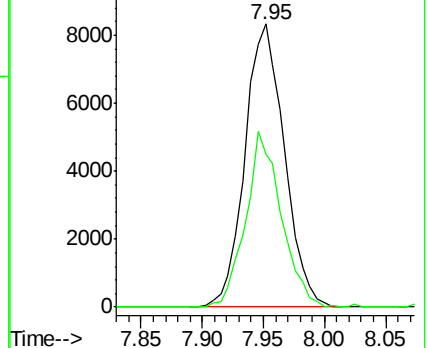
168 100

99 54.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#3

Chloromethane

Concen: 2.194 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW009045.D

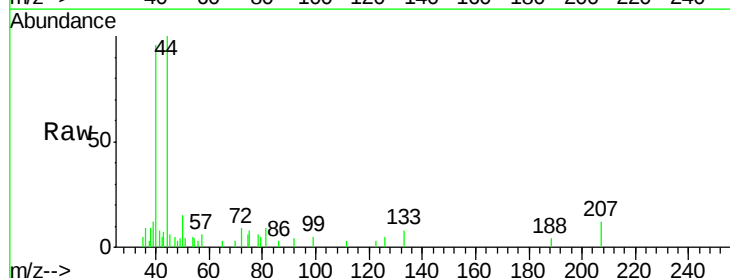
Acq: 07 Mar 2019 17:44

Tgt Ion: 50 Resp: 524

Ion Ratio Lower Upper

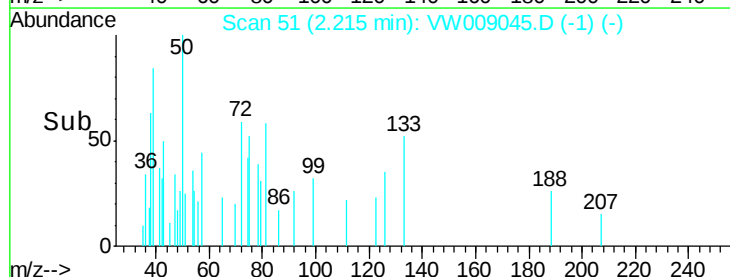
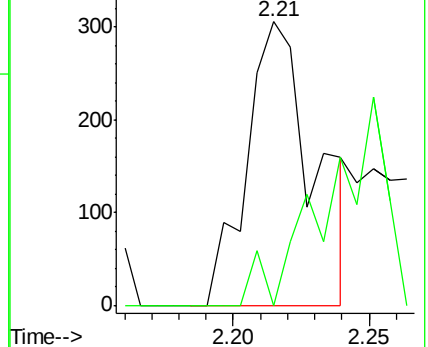
50 100

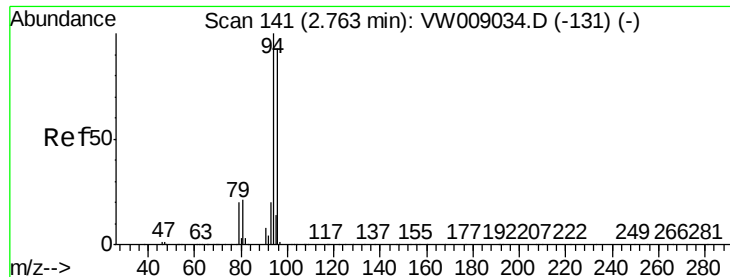
52 0.0 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW





#5

Bromomethane

Concen: 3.969 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

Instrument :

MSVOA_W

ClientSampled :

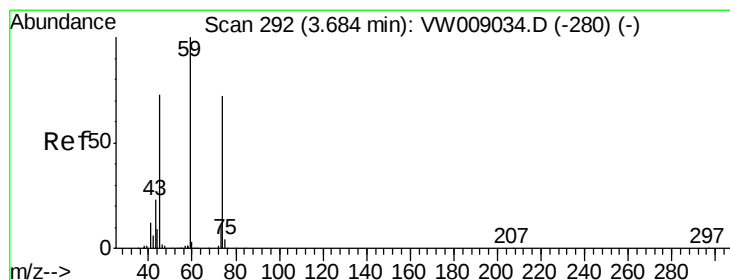
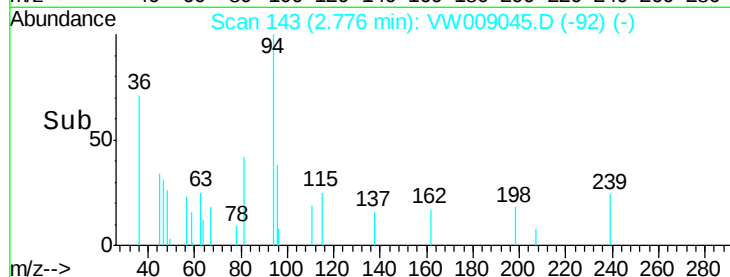
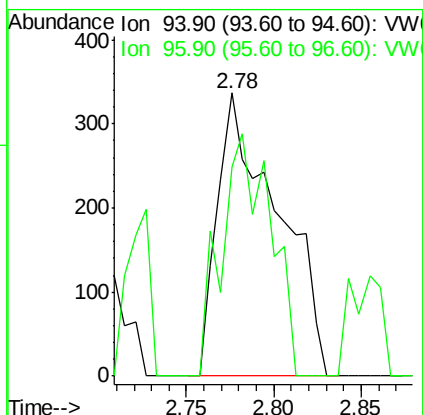
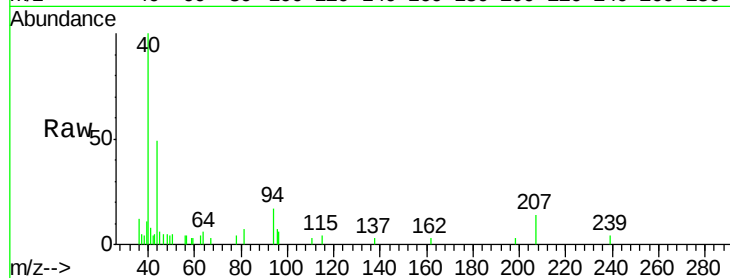
Z2-8RE

Tgt Ion: 94 Resp: 812

Ion Ratio Lower Upper

94 100

96 73.9 74.4 111.6#



#8

Diethyl Ether

Concen: 1.111 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW009045.D

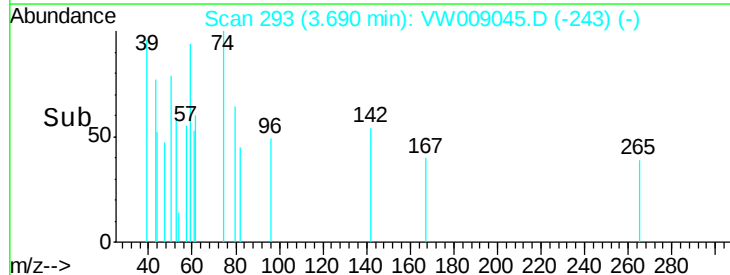
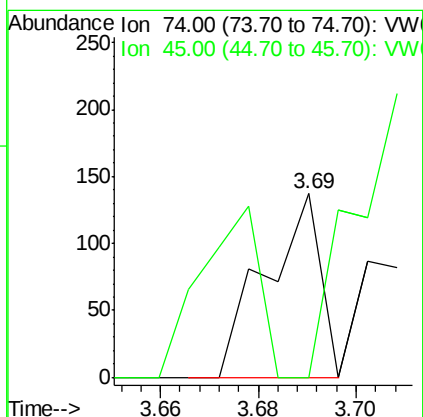
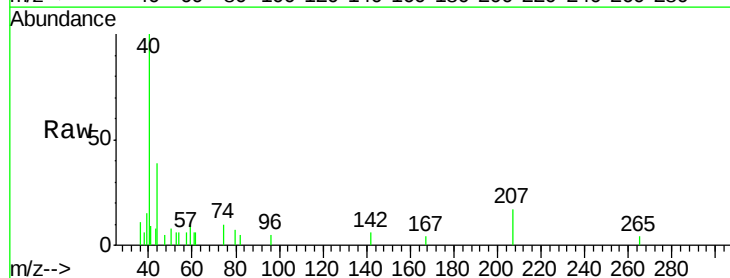
Acq: 07 Mar 2019 17:44

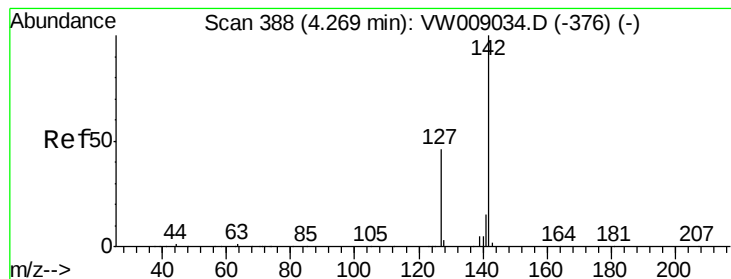
Tgt Ion: 74 Resp: 106

Ion Ratio Lower Upper

74 100

45 100.0 52.3 157.1





#10

Methyl Iodide

Concen: 7.091 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

Z2-8RE

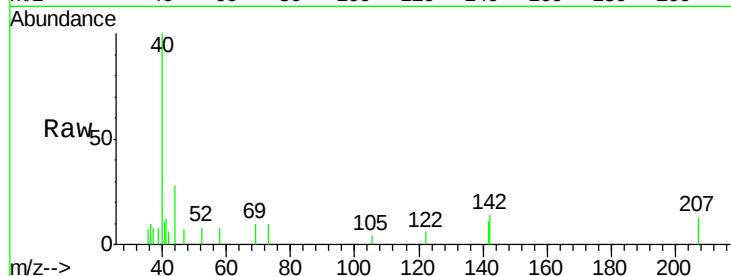
Tgt Ion:142 Resp: 879

Ion Ratio Lower Upper

142 100

127 27.9 35.8 53.6#

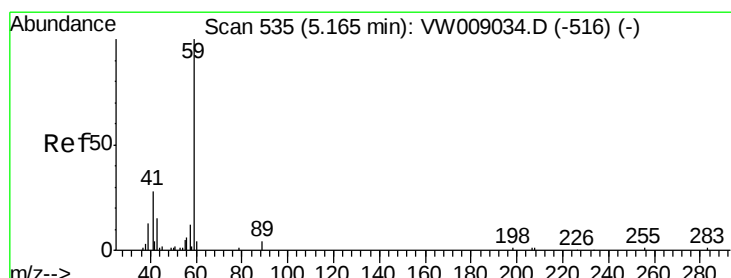
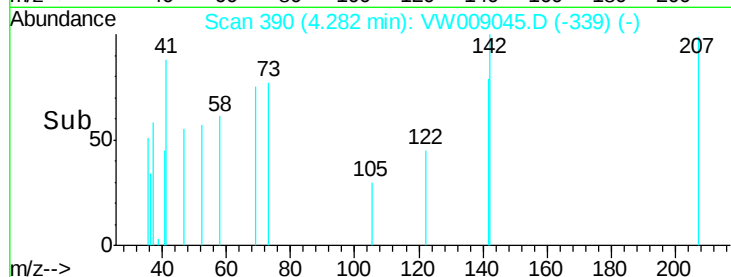
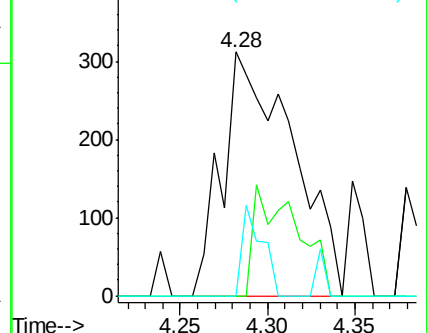
141 10.6 11.8 17.8#



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: 1.877 ug/l

RT: 5.17 min Scan# 535

Delta R.T. 0.00 min

Lab File: VW009045.D

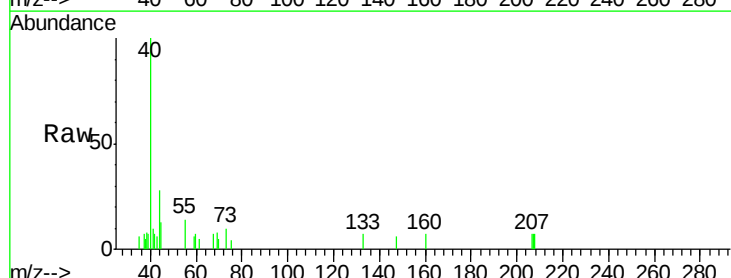
Acq: 07 Mar 2019 17:44

Tgt Ion: 59 Resp: 27

Ion Ratio Lower Upper

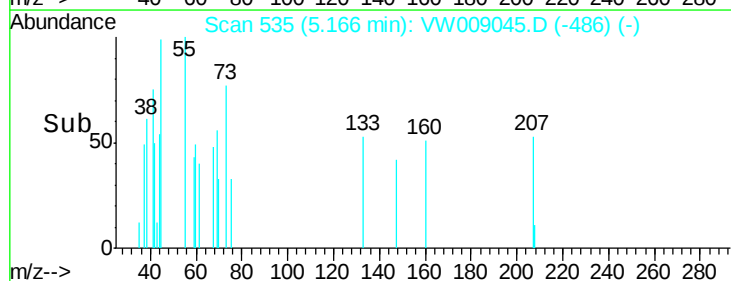
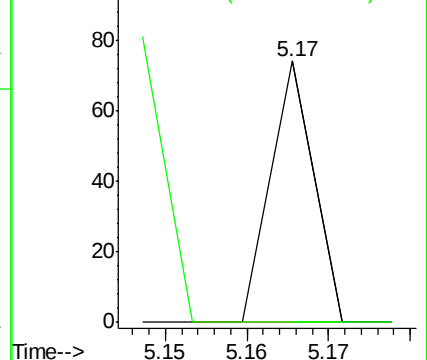
59 100

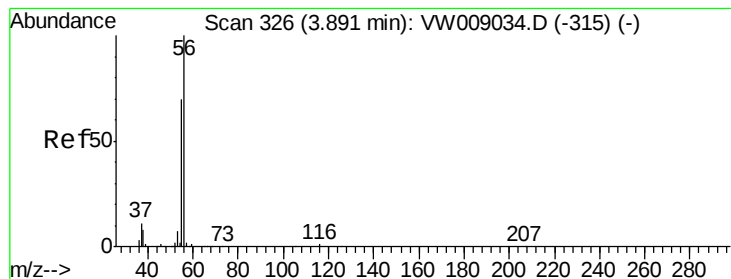
57 111.1 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: 6.066 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

Instrument :

MSVOA_W

ClientSampled :

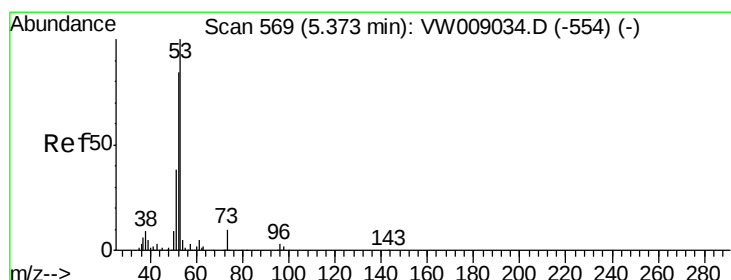
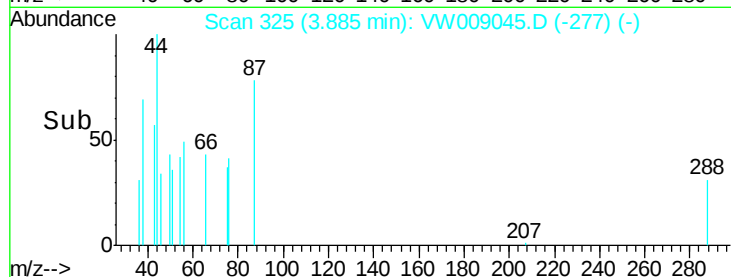
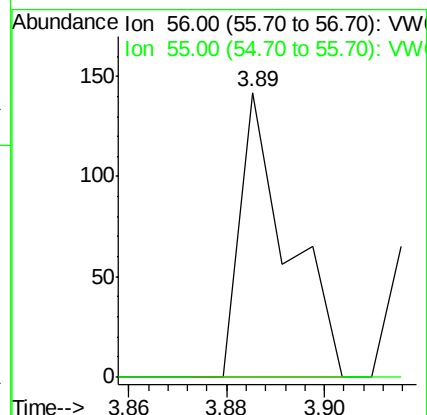
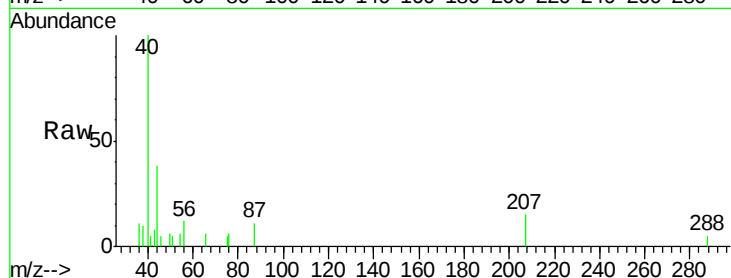
Z2-8RE

Tgt Ion: 56 Resp: 96

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



#15

Acrylonitrile

Concen: 2.449 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.05 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

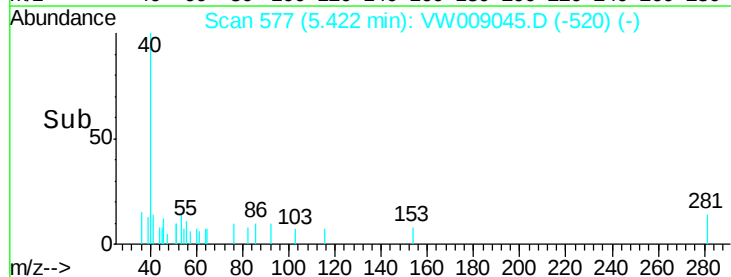
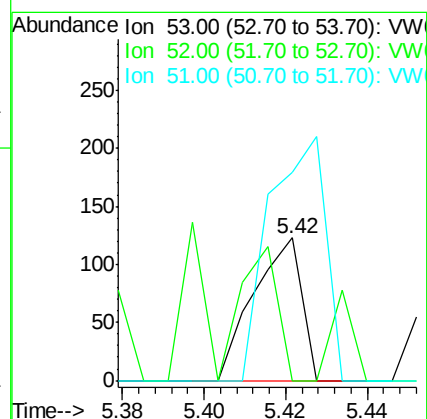
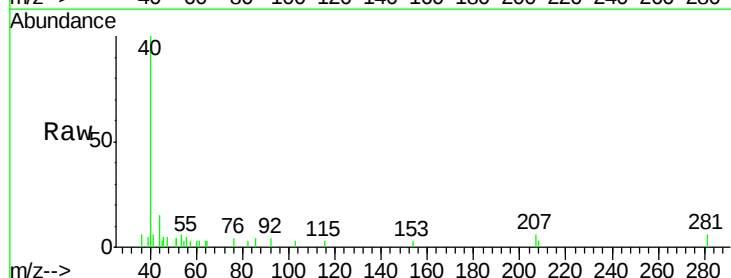
Tgt Ion: 53 Resp: 102

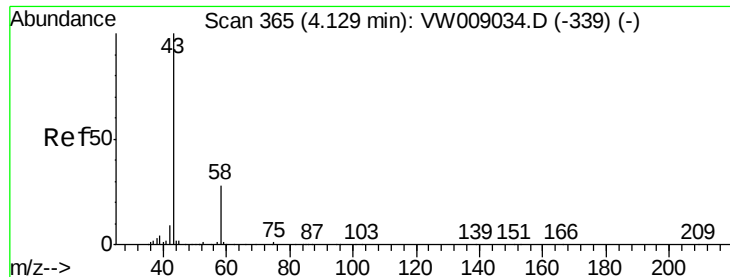
Ion Ratio Lower Upper

53 100

52 71.6 67.2 100.8

51 0.0 31.8 47.6#





#16

Acetone

Concen: 27.200 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

Instrument :

MSVOA_W

ClientSampled :

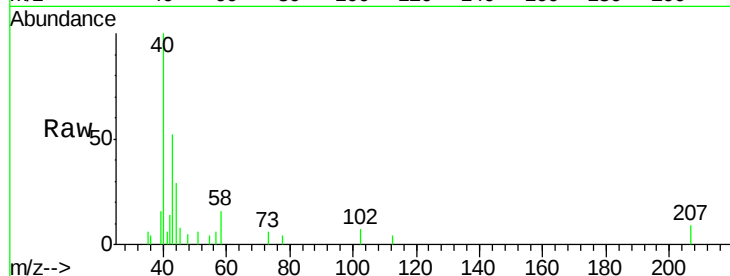
Z2-8RE

Tgt Ion: 43 Resp: 1152

Ion Ratio Lower Upper

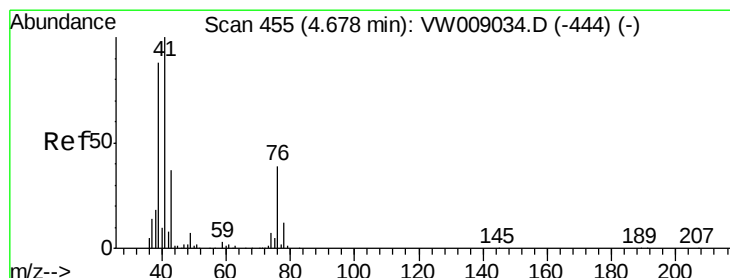
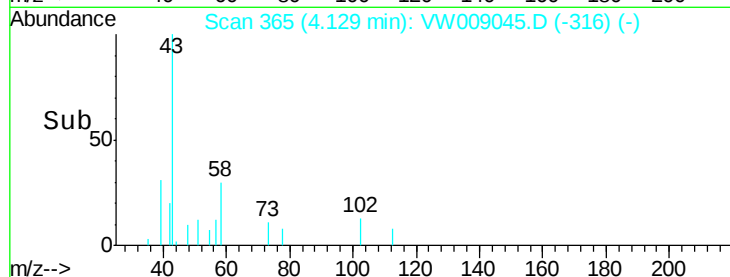
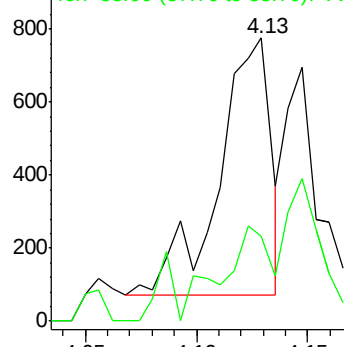
43 100

58 33.2 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 2.084 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW009045.D

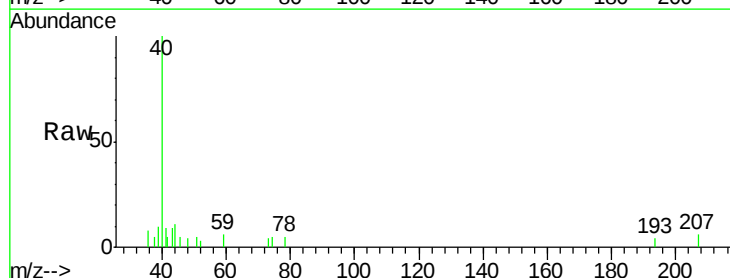
Acq: 07 Mar 2019 17:44

Tgt Ion: 43 Resp: 203

Ion Ratio Lower Upper

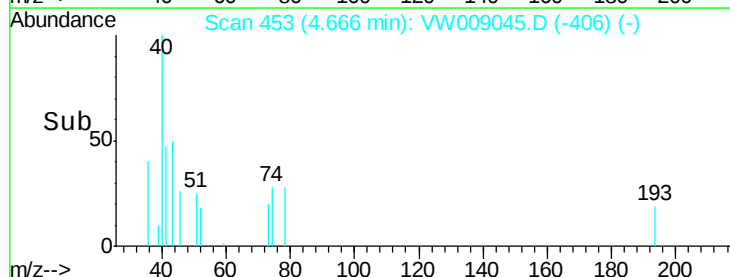
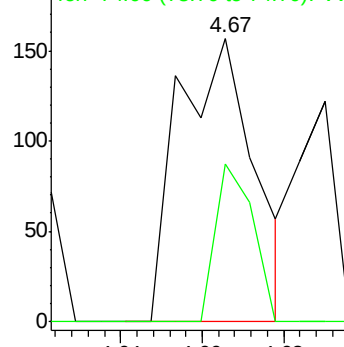
43 100

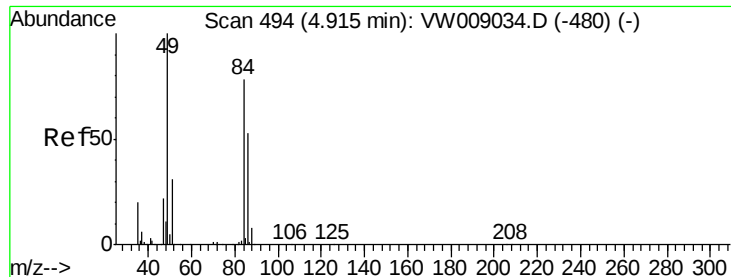
74 27.6 17.6 26.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

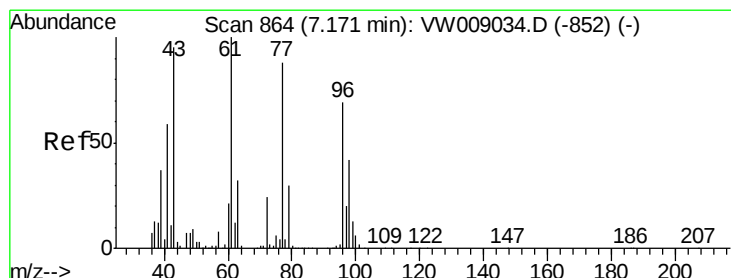
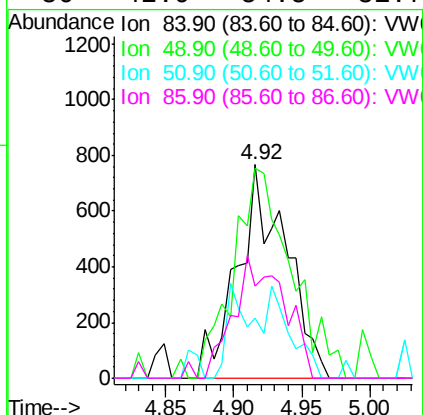
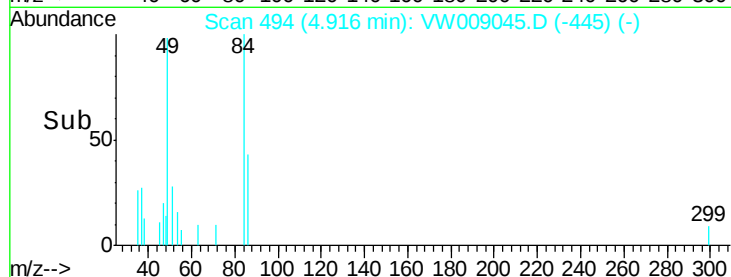
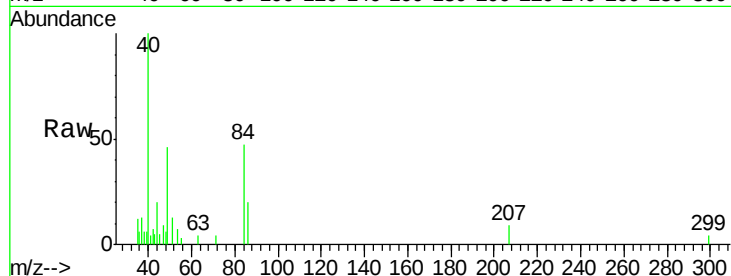




#20
Methylene Chloride
Concen: 4.667 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009045.D
Acq: 07 Mar 2019 17:44

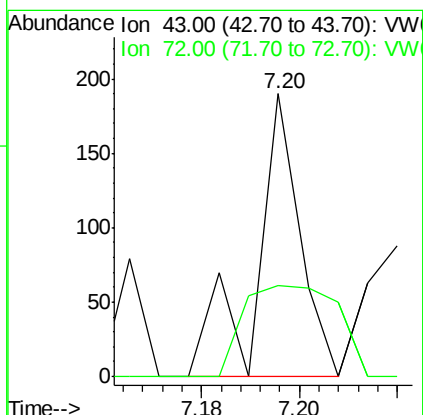
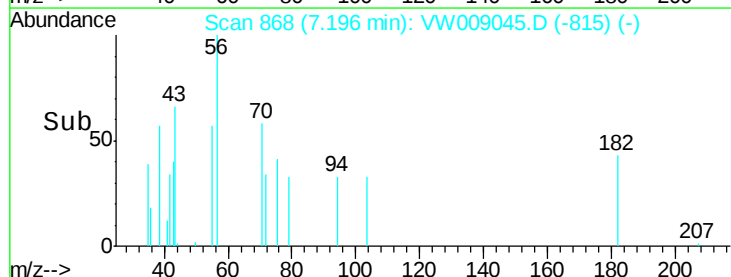
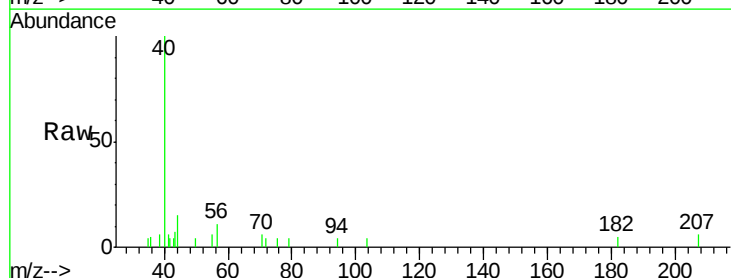
Instrument :
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Z2-8RE

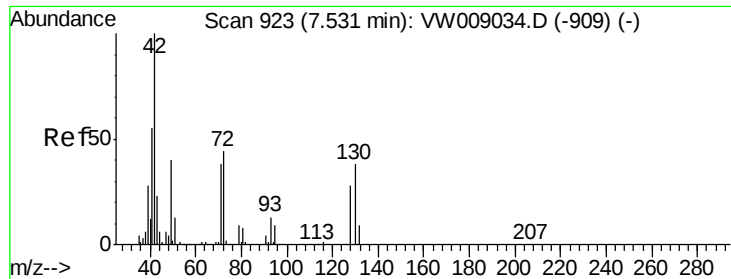
Tgt Ion: 84 Resp: 1910
Ion Ratio Lower Upper
84 100
49 98.3 102.4 153.6#
51 28.0 31.6 47.4#
86 42.9 54.5 81.7#



#25
2-Butanone
Concen: 1.999 ug/l
RT: 7.20 min Scan# 868
Delta R.T. 0.02 min
Lab File: VW009045.D
Acq: 07 Mar 2019 17:44

Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
72 32.1 20.0 30.0#

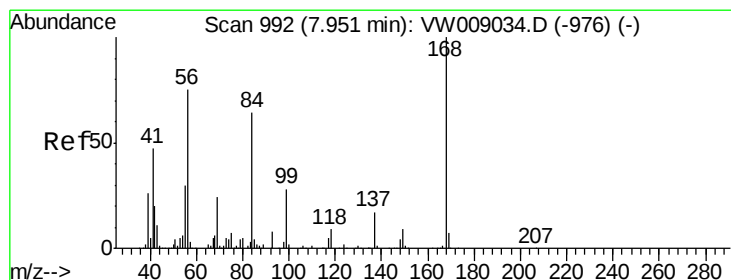
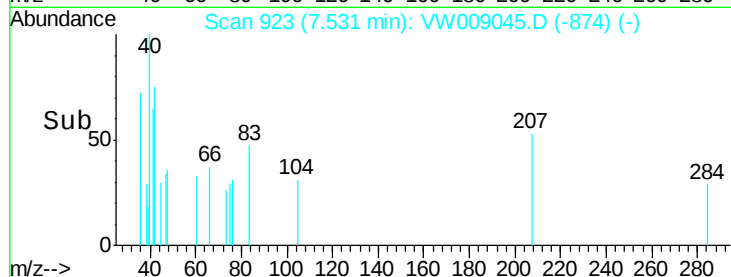
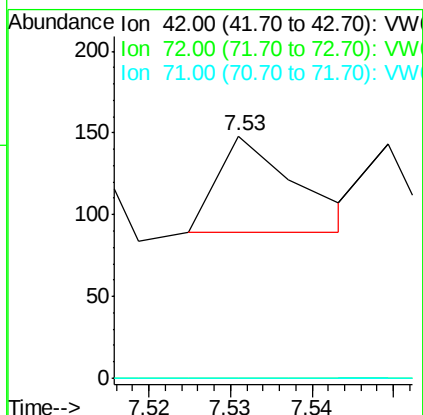
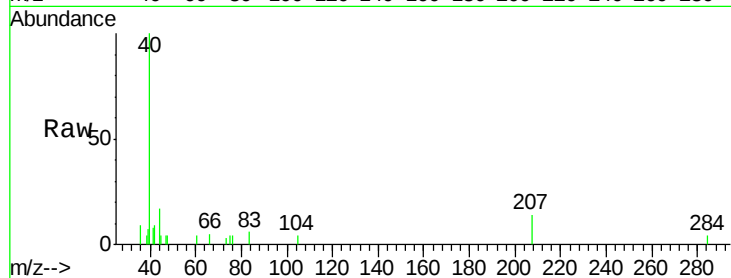




#29
Tetrahydrofuran
Concen: 1.084 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW009045.D
Acq: 07 Mar 2019 17:44

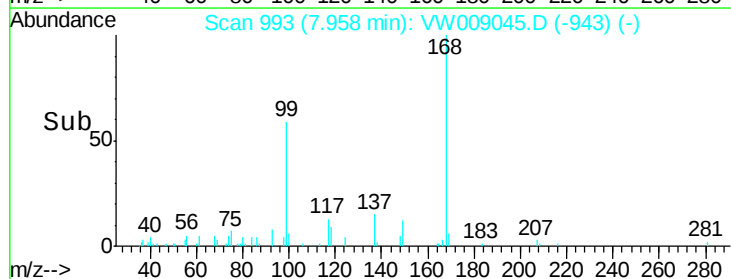
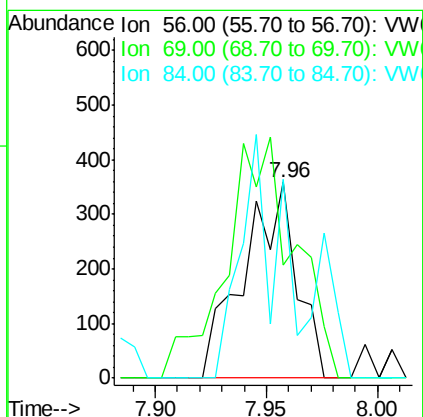
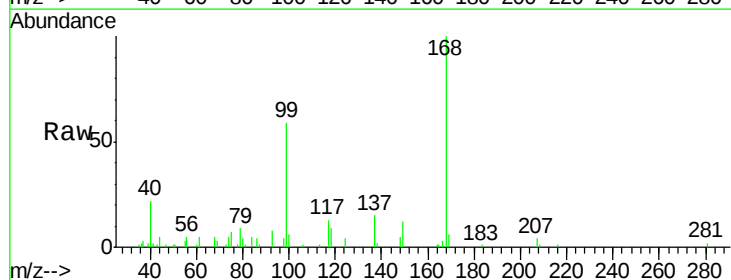
Instrument :
MSVOA_W
ClientSampled :
Z2-8RE

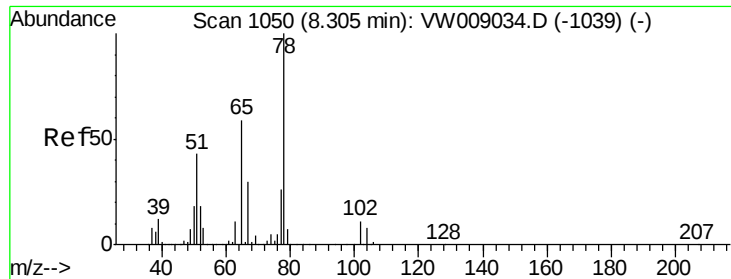
Tgt Ion: 42 Resp: 40
Ion Ratio Lower Upper
42 100
72 0.0 32.2 48.4#
71 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.700 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW009045.D
Acq: 07 Mar 2019 17:44

Tgt Ion: 56 Resp: 595
Ion Ratio Lower Upper
56 100
69 57.9 25.5 38.3#
84 101.4 68.6 103.0

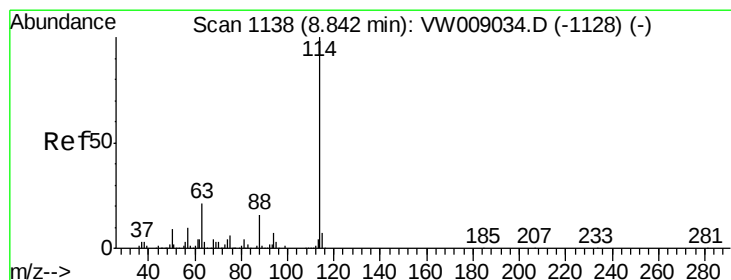
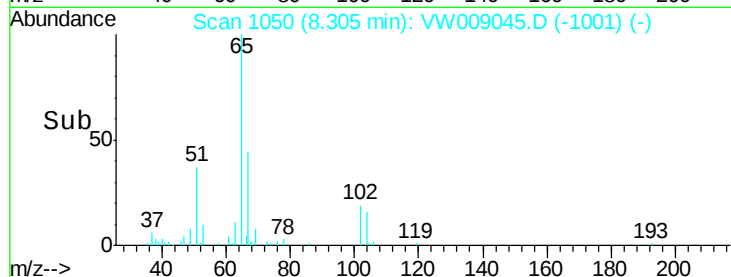
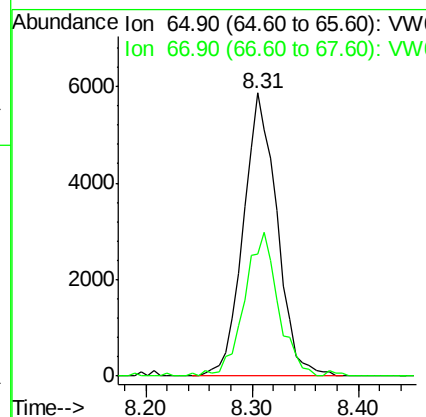
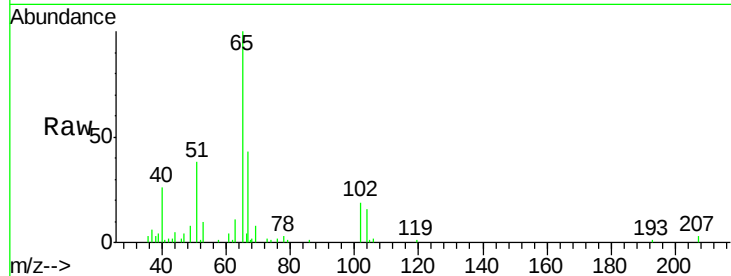




#33
 1,2-Dichloroethane-d4
 Concen: 69.520 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009045.D
 Acq: 07 Mar 2019 17:44

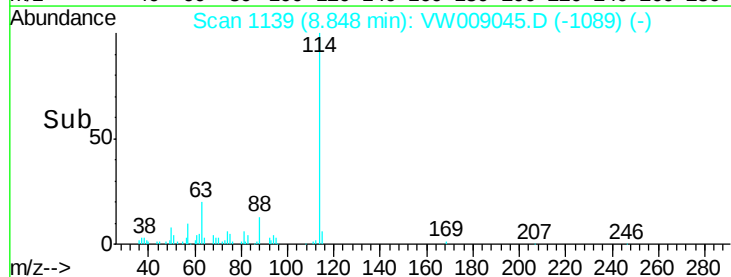
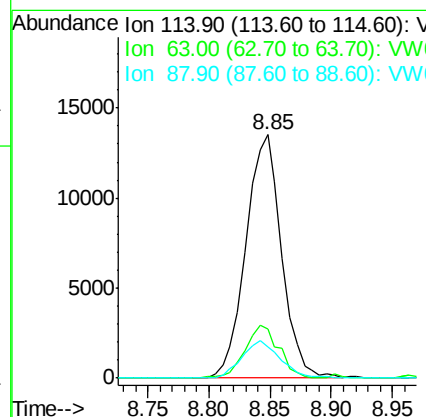
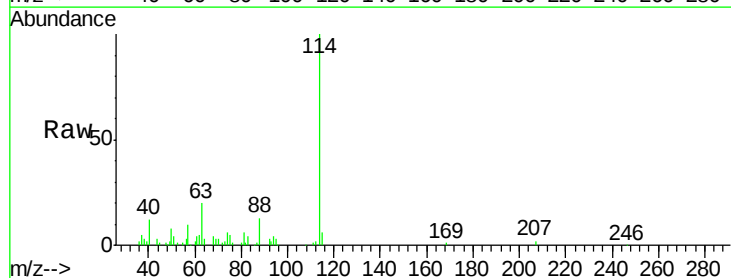
Instrument :
 MSVOA_W
 ClientSampleId :
 Z2-8RE

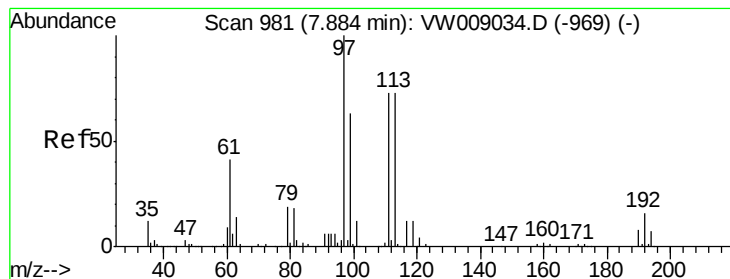
Tgt Ion: 65 Resp: 13048
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW009045.D
 Acq: 07 Mar 2019 17:44

Tgt Ion: 114 Resp: 27387
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.2
 88 12.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 60.991 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

Z2-8RE

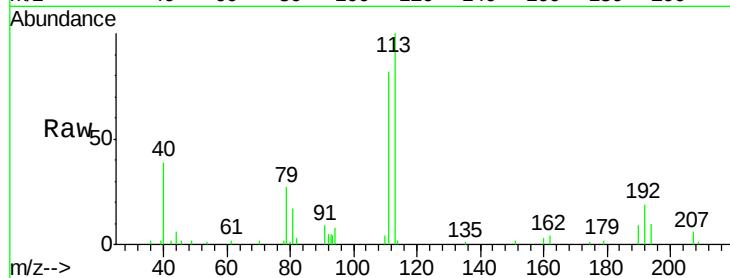
Tgt Ion:113 Resp: 10057

Ion Ratio Lower Upper

113 100

111 99.6 81.0 121.4

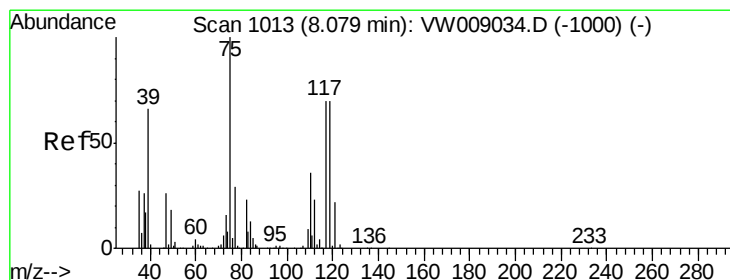
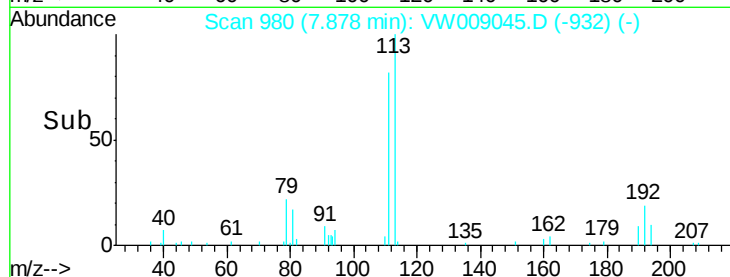
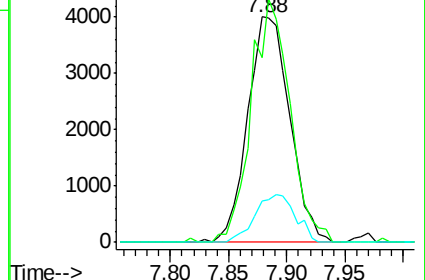
192 20.3 17.1 25.7



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



#36

1,1-Dichloropropene

Concen: 5.849 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

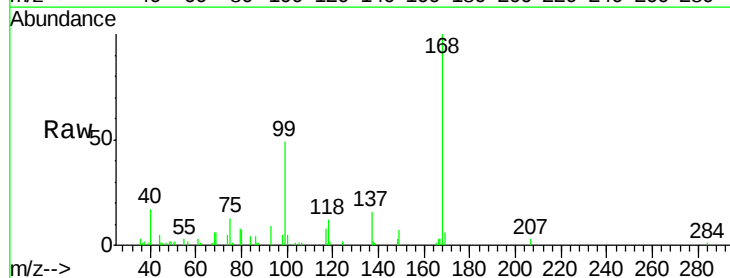
Tgt Ion: 75 Resp: 1675

Ion Ratio Lower Upper

75 100

110 0.0 17.6 52.9#

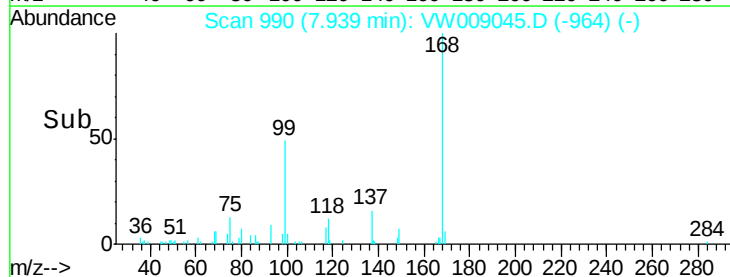
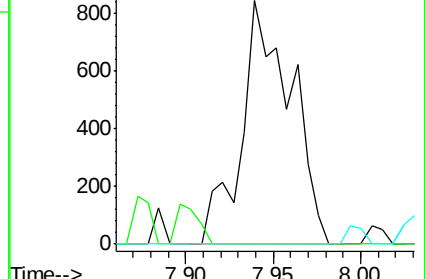
77 0.0 25.1 37.7#

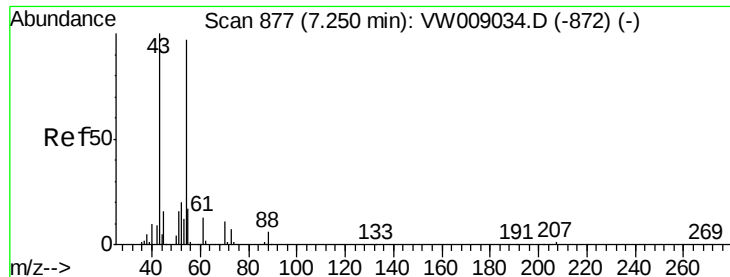


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 2.030 ug/l

RT: 7.24 min Scan# 875

Delta R.T. -0.01 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

Z2-8RE

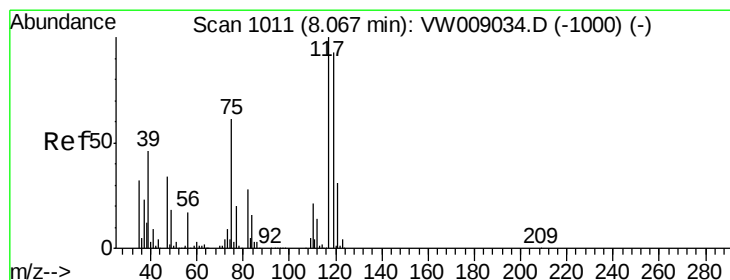
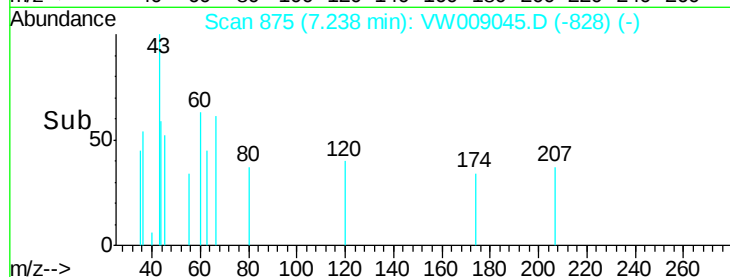
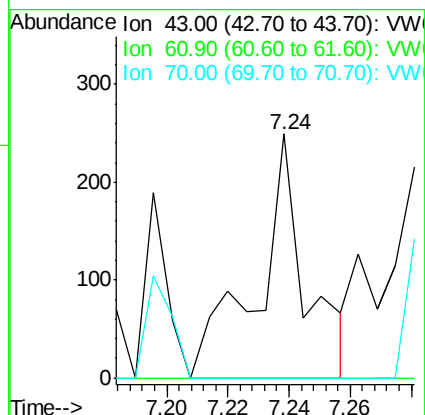
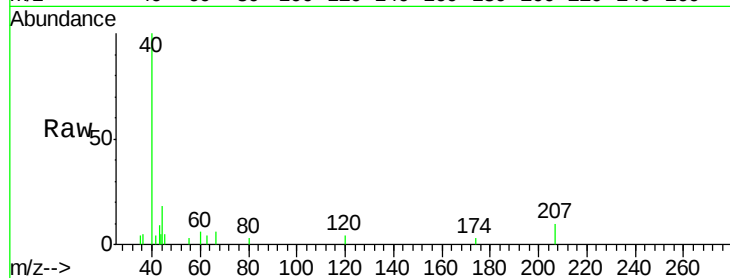
Tgt Ion: 43 Resp: 273

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.6#

70 0.0 7.2 10.8#



#38

Carbon Tetrachloride

Concen: 7.219 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

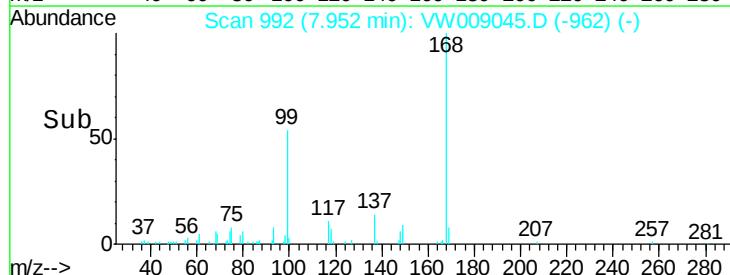
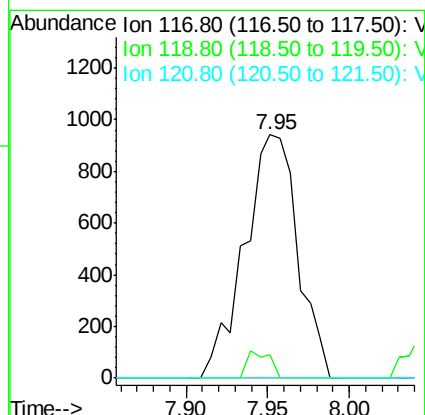
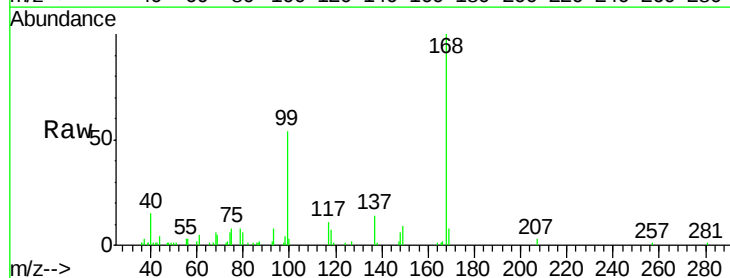
Tgt Ion: 117 Resp: 2135

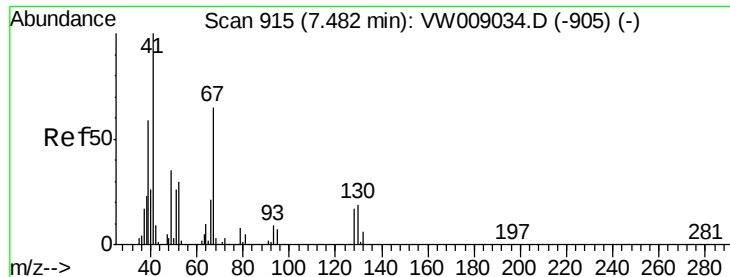
Ion Ratio Lower Upper

117 100

119 9.6 74.6 112.0#

121 0.0 24.7 37.1#

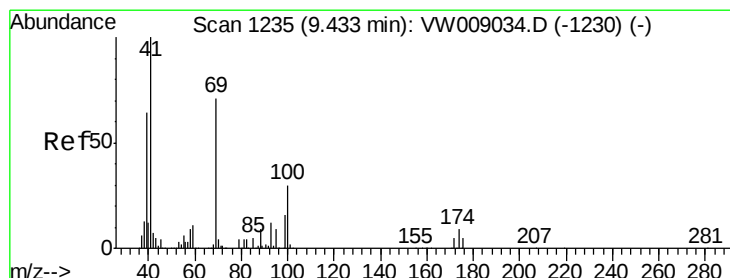
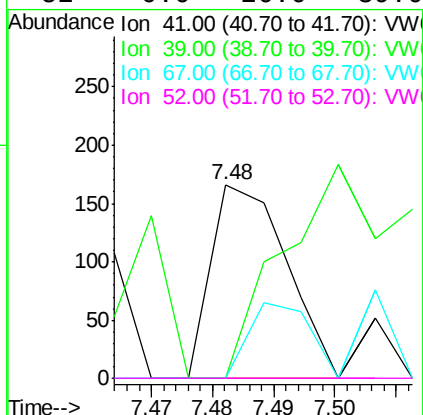
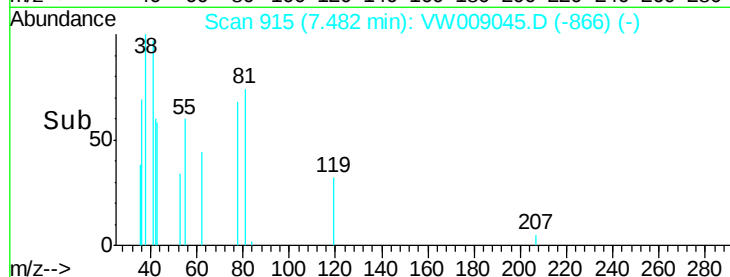
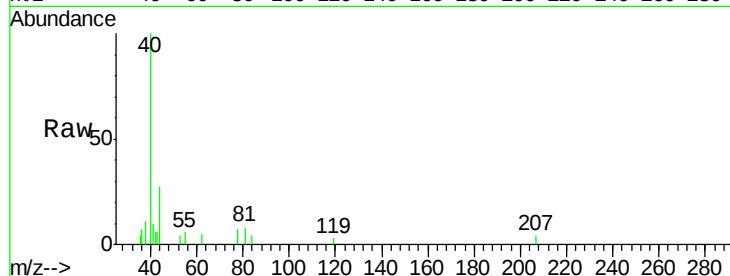




#41
Methacrylonitrile
Concen: 1.901 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009045.D
Acq: 07 Mar 2019 17:44

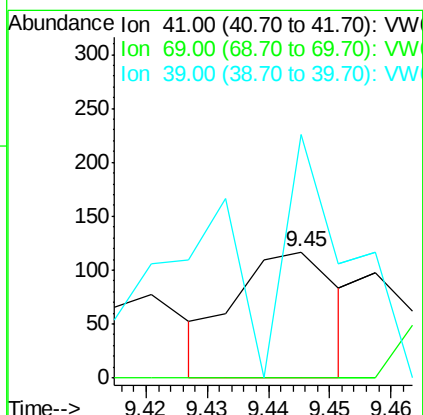
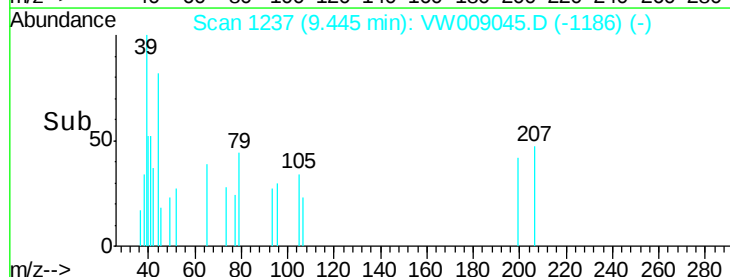
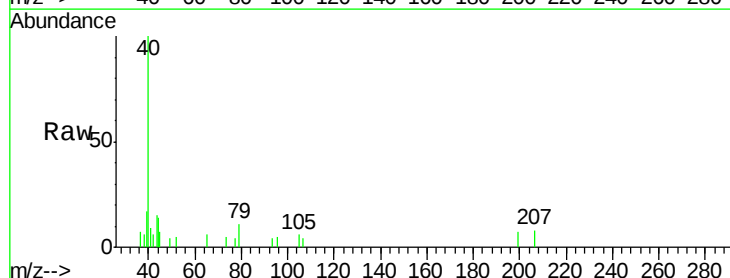
Instrument :
MSVOA_W
ClientSampleId :
Z2-8RE

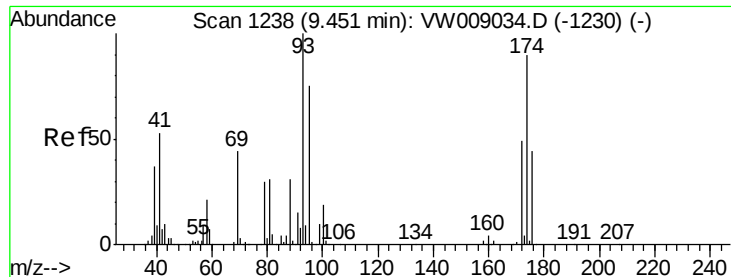
Tgt Ion:	41	Resp:	142
Ion	Ratio	Lower	Upper
41	100		
39	171.8	53.6	80.4#
67	31.7	57.6	86.4#
52	0.0	26.0	39.0#



#48
Methyl methacrylate
Concen: 1.157 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW009045.D
Acq: 07 Mar 2019 17:44

Tgt Ion:	41	Resp:	135
Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.1	88.7#
39	121.5	48.9	73.3#





#49

1,4-Dioxane

Concen: 14.693 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

Z2-8RE

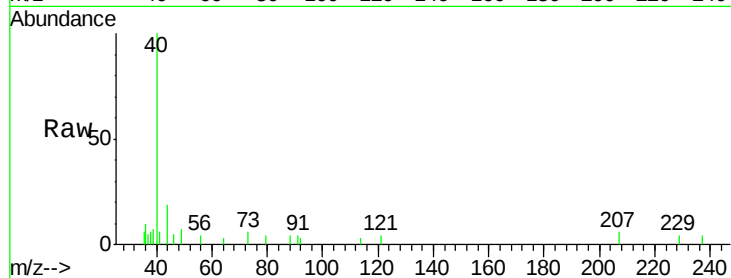
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 140.9 29.0 43.4#

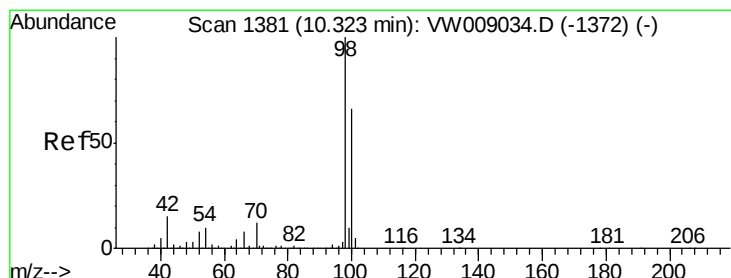
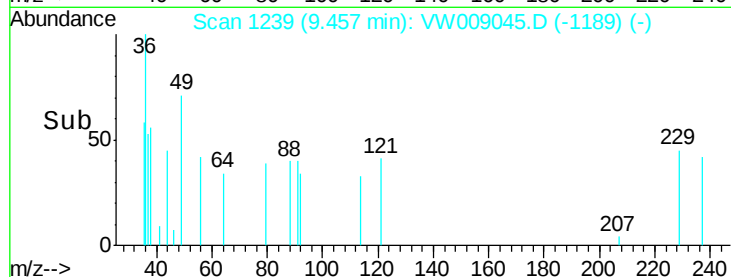
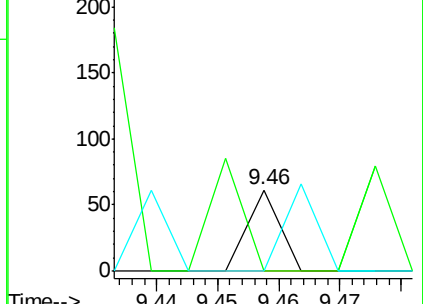
58 109.1 59.2 88.8#



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: 47.327 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009045.D

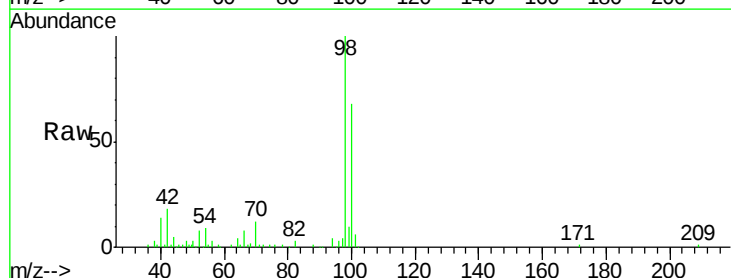
Acq: 07 Mar 2019 17:44

Tgt Ion: 98 Resp: 32052

Ion Ratio Lower Upper

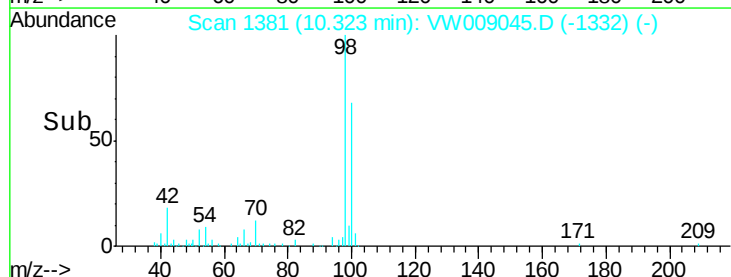
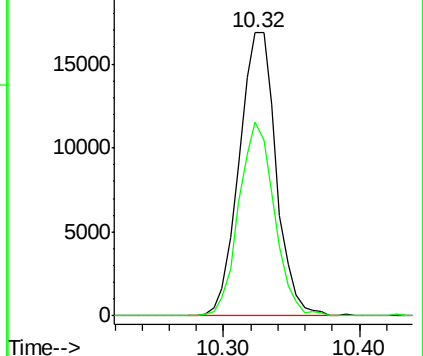
98 100

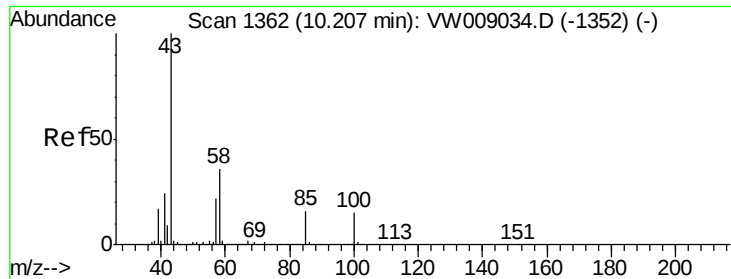
100 65.4 51.9 77.9



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: 2.092 ug/l

RT: 10.20 min Scan# 1361

Delta R.T. -0.01 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

Instrument :

MSVOA_W

ClientSampled :

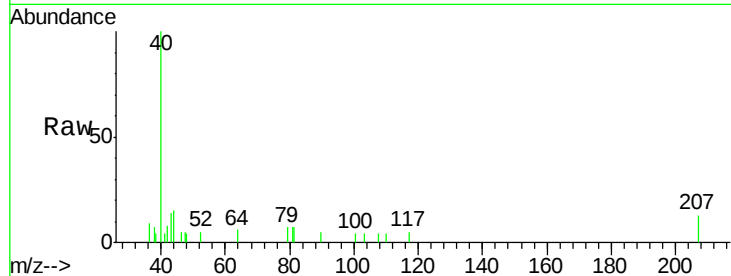
Z2-8RE

Tgt Ion: 43 Resp: 266

Ion Ratio Lower Upper

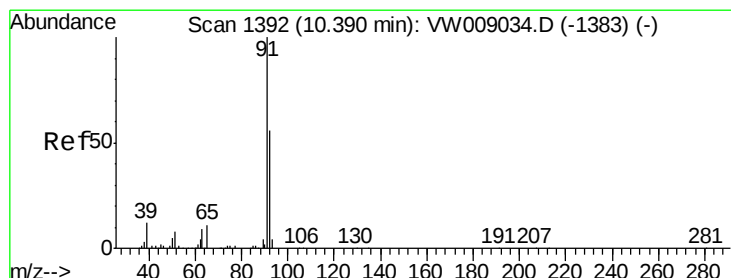
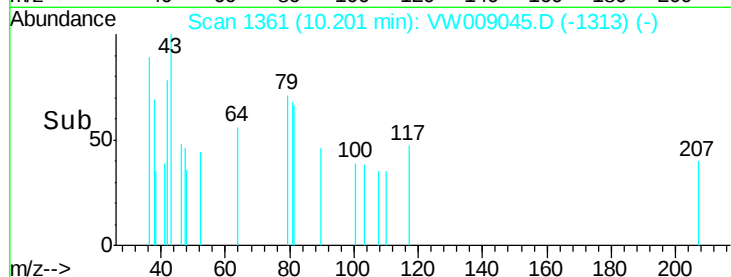
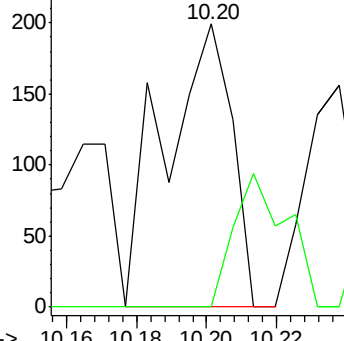
43 100

58 37.6 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 1.804 ug/l

RT: 10.40 min Scan# 1394

Delta R.T. 0.01 min

Lab File: VW009045.D

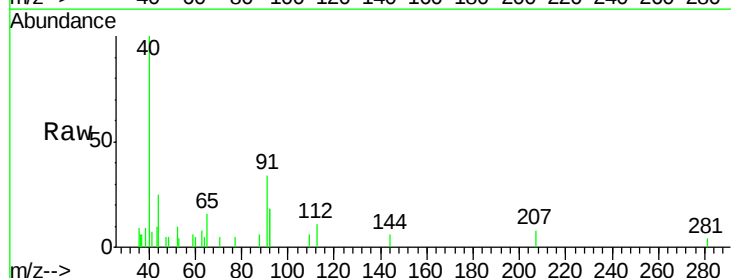
Acq: 07 Mar 2019 17:44

Tgt Ion: 92 Resp: 935

Ion Ratio Lower Upper

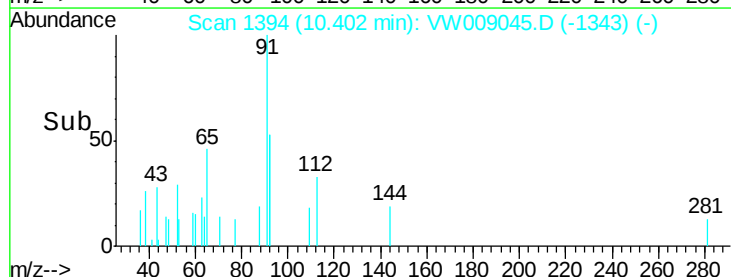
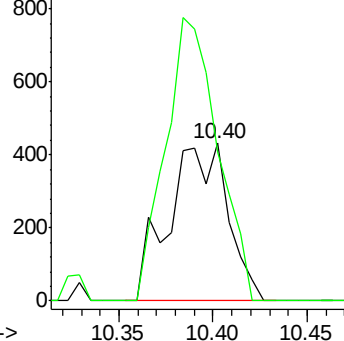
92 100

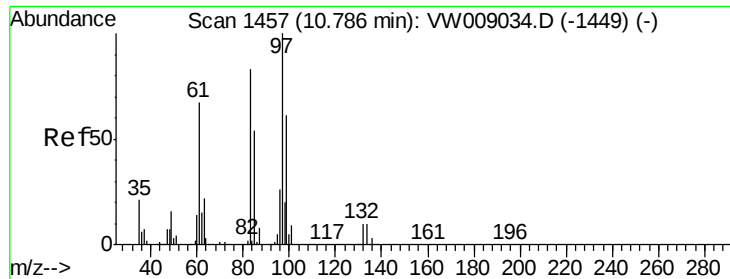
91 159.3 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

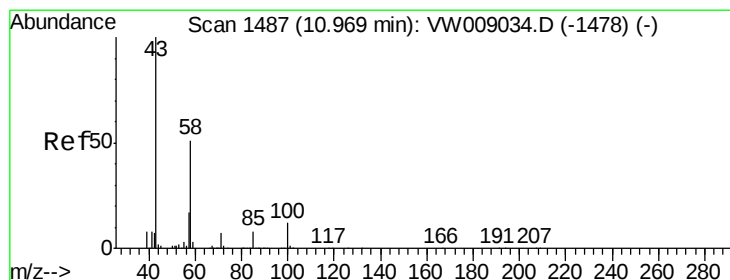
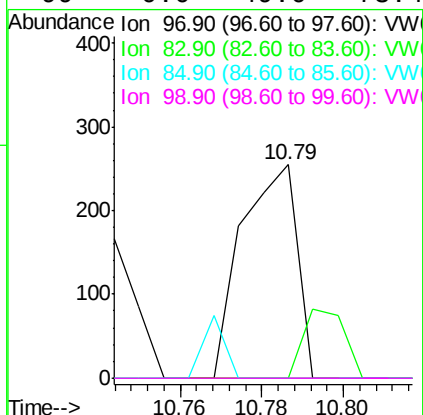
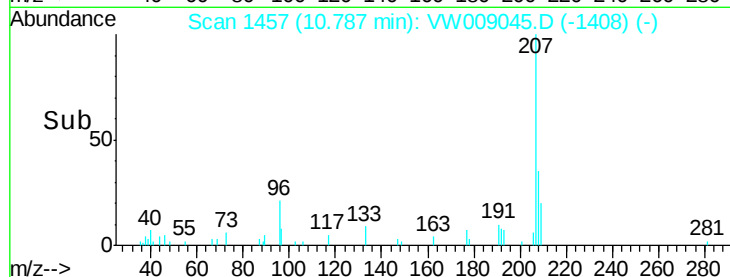
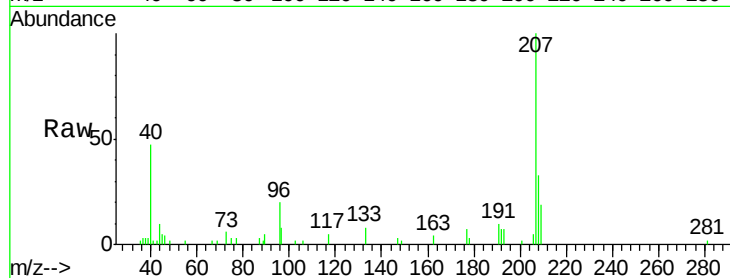




#55
 1,1,2-Trichloroethane
 Concen: 1.701 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009045.D
 Acq: 07 Mar 2019 17:44

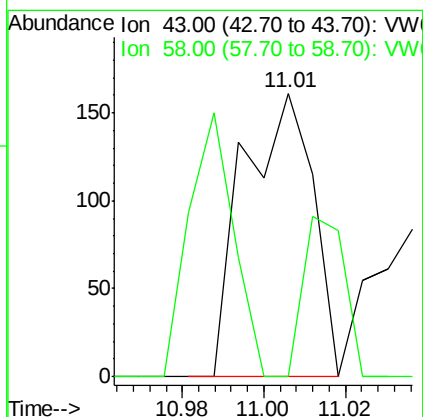
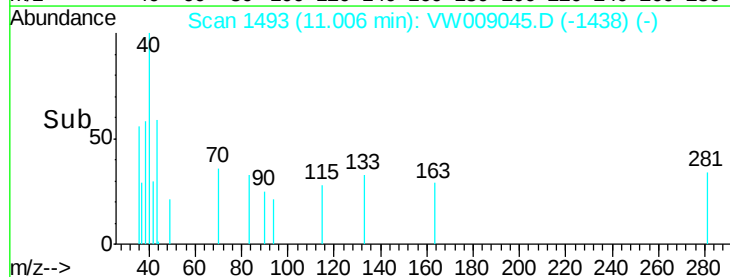
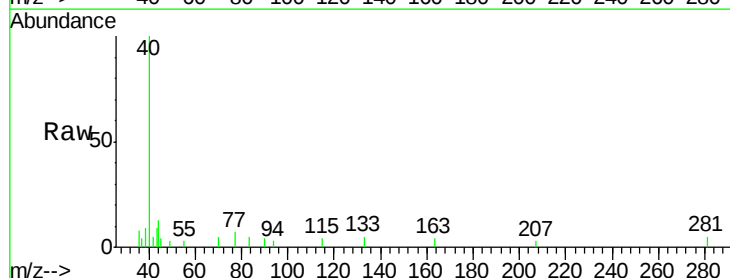
Instrument :
 MSVOA_W
 ClientSampleId :
 Z2-8RE

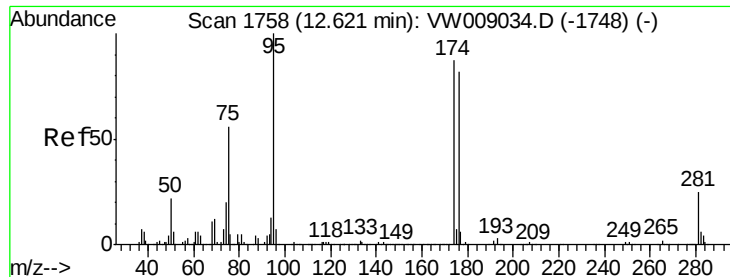
Tgt Ion:	97	Resp:	241
Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.2	99.2#
85	0.0	43.6	65.4#
99	0.0	49.0	73.4#



#59
 2-Hexanone
 Concen: 2.136 ug/l
 RT: 11.01 min Scan# 1493
 Delta R.T. 0.04 min
 Lab File: VW009045.D
 Acq: 07 Mar 2019 17:44

Tgt Ion:	43	Resp:	191
Ion	Ratio	Lower	Upper
43	100		
58	33.5	25.3	75.9





#62

4-Bromofluorobenzene

Concen: 34.519 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

Z2-8RE

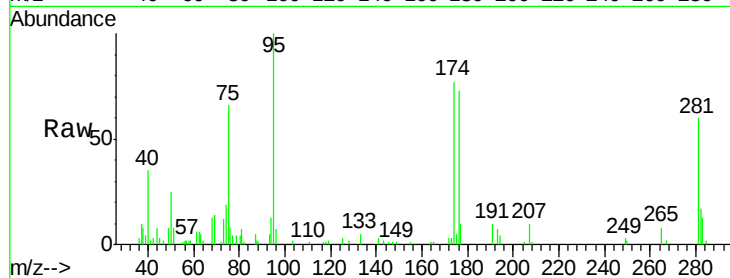
Tgt Ion: 95 Resp: 9203

Ion Ratio Lower Upper

95 100

174 90.4 0.0 167.0

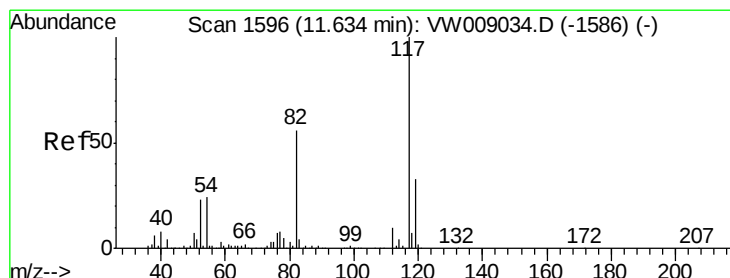
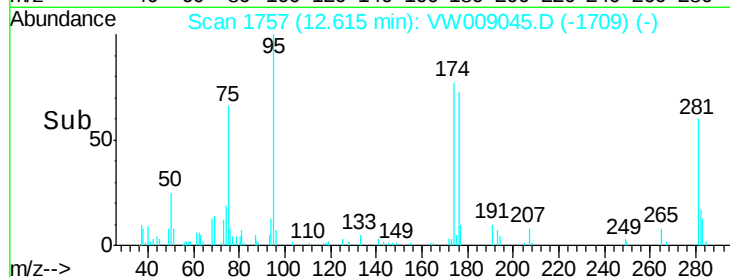
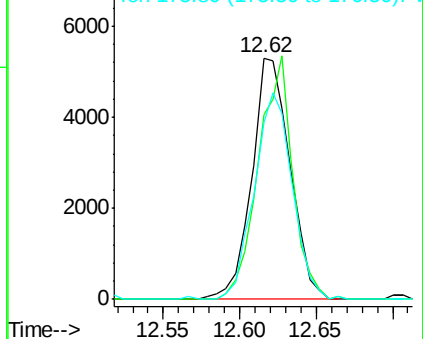
176 85.5 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

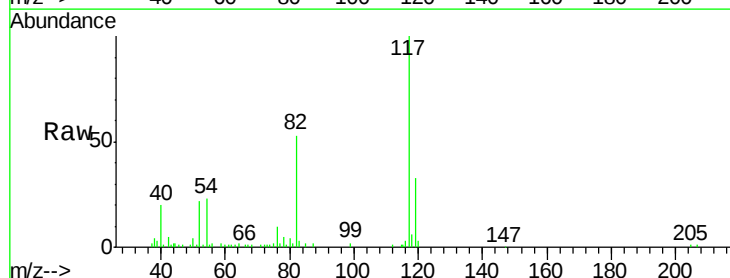
Tgt Ion: 117 Resp: 24836

Ion Ratio Lower Upper

117 100

82 52.6 45.0 67.6

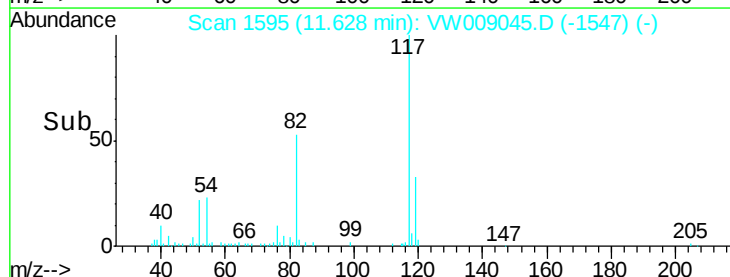
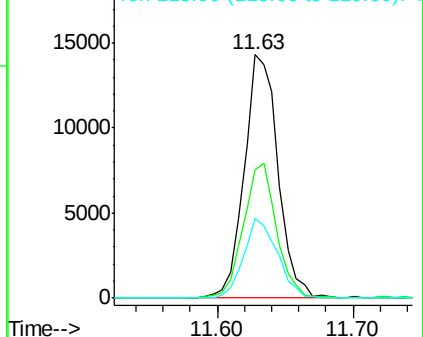
119 32.6 26.6 39.8

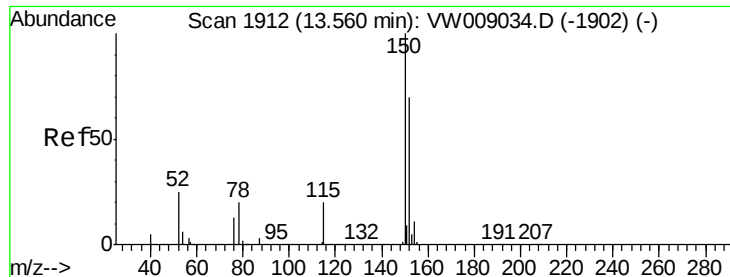


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

Instrument :

MSVOA_W

ClientSampled :

Z2-8RE

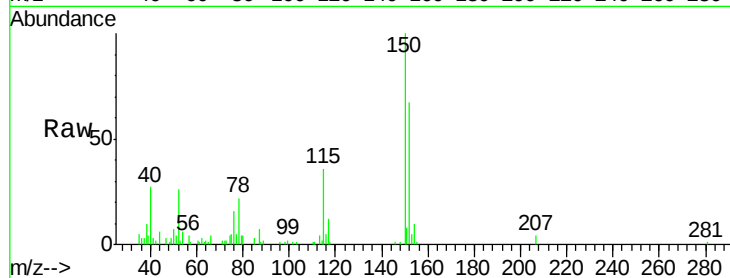
Tgt Ion:152 Resp: 7649

Ion Ratio Lower Upper

152 100

115 61.5 28.9 86.7

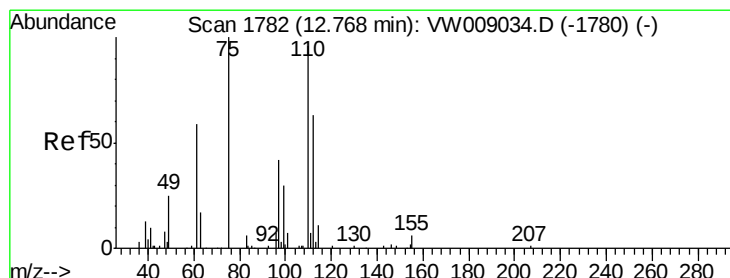
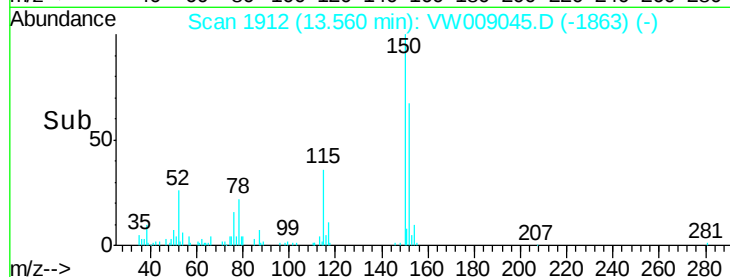
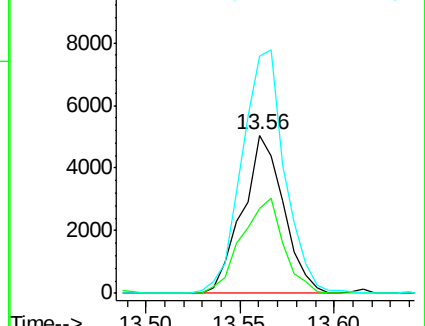
150 160.0 0.0 349.2



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



#76

1,2,3-Trichloropropane

Concen: 94.451 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW009045.D

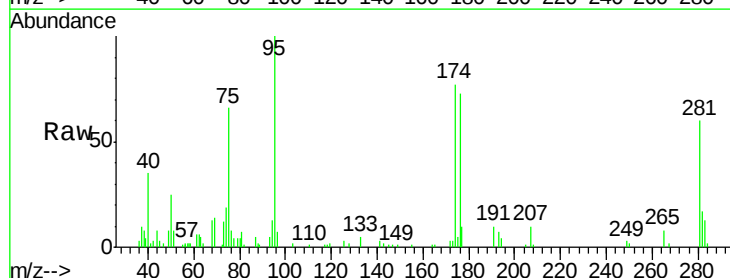
Acq: 07 Mar 2019 17:44

Tgt Ion: 75 Resp: 5708

Ion Ratio Lower Upper

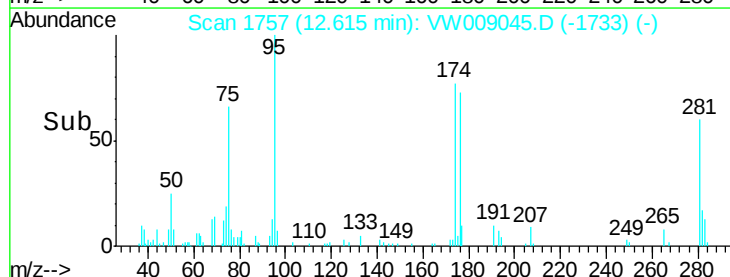
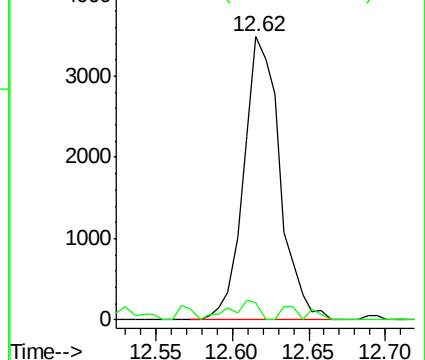
75 100

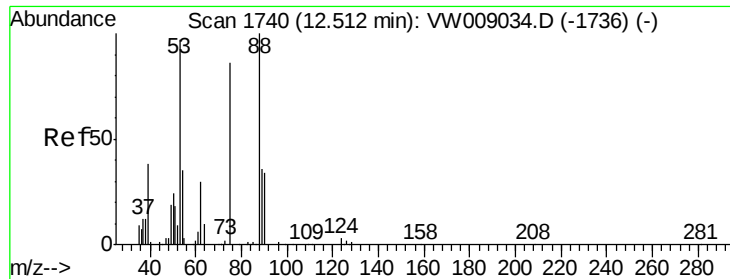
77 5.1 186.7 560.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 211.262 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

Z2-8RE

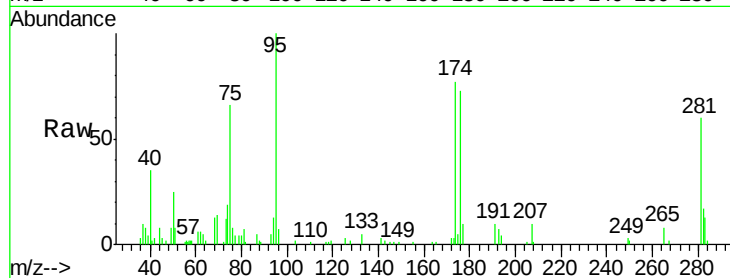
Tgt Ion: 75 Resp: 5708

Ion Ratio Lower Upper

75 100

53 1.2 90.5 135.7#

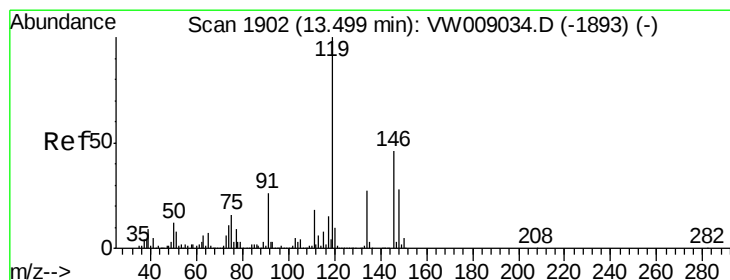
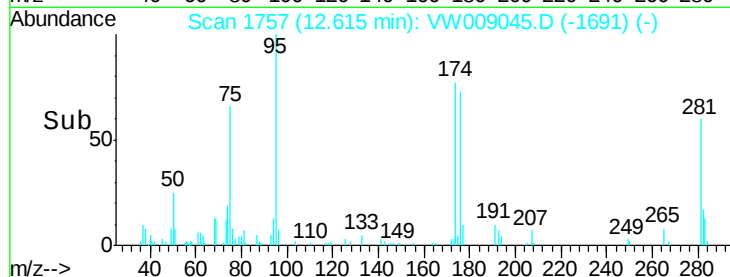
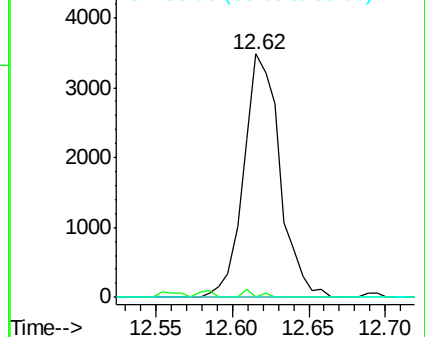
89 0.0 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#87

1,3-Dichlorobenzene

Concen: 2.114 ug/l

RT: 13.57 min Scan# 1914

Delta R.T. 0.07 min

Lab File: VW009045.D

Acq: 07 Mar 2019 17:44

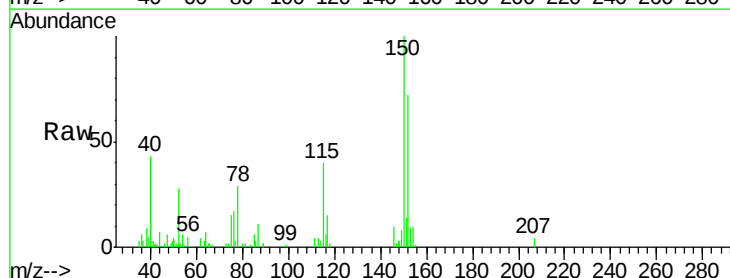
Tgt Ion: 146 Resp: 556

Ion Ratio Lower Upper

146 100

111 47.3 19.8 59.4

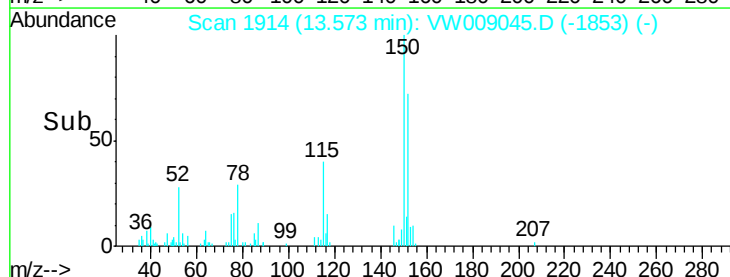
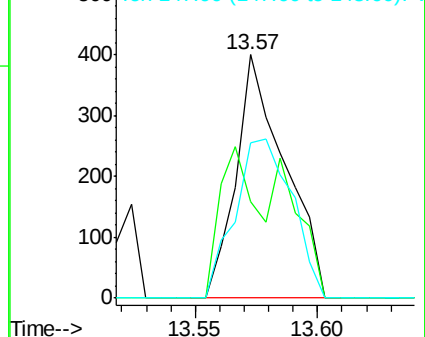
148 76.6 31.6 94.8

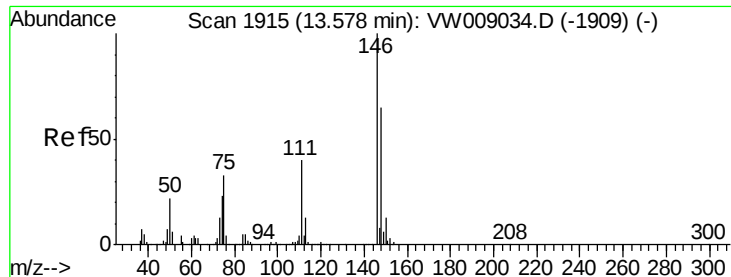


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

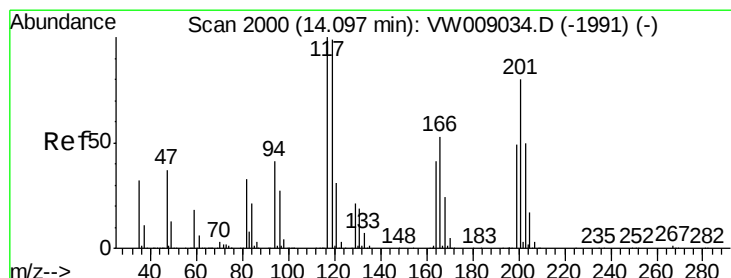
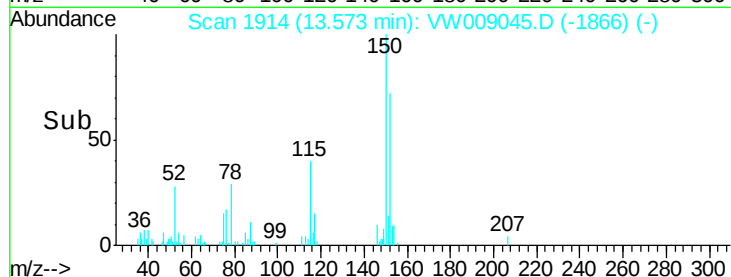
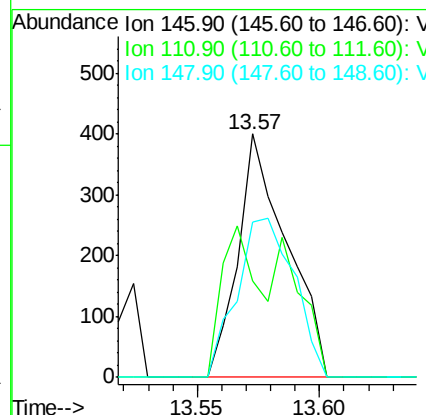
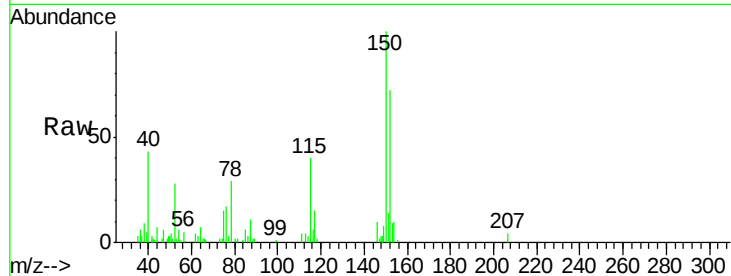




#88
 1,4-Dichlorobenzene
 Concen: 2.139 ug/l
 RT: 13.57 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW009045.D
 Acq: 07 Mar 2019 17:44

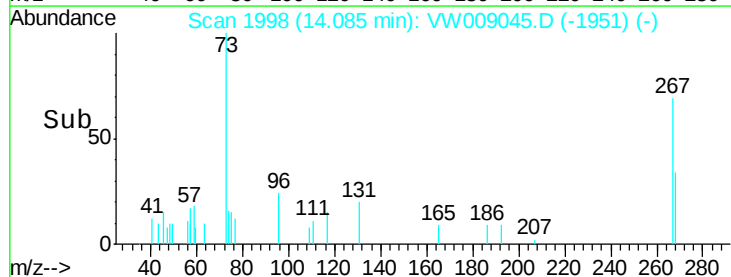
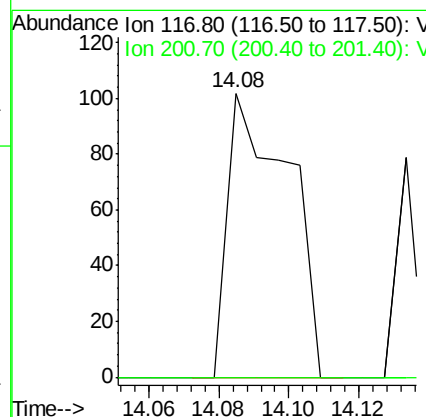
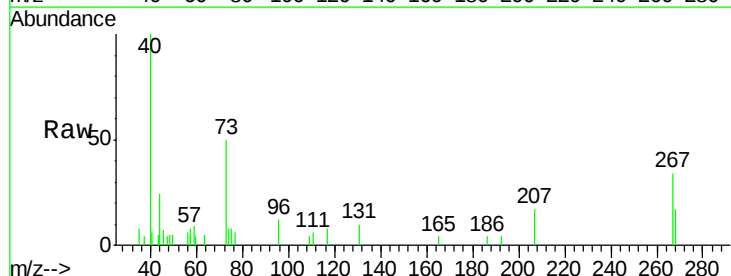
Instrument :
 MSVOA_W
 ClientSampled :
 Z2-8RE

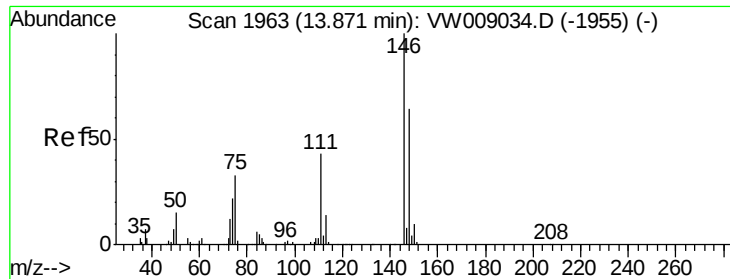
Tgt Ion:146 Resp: 556
 Ion Ratio Lower Upper
 146 100
 111 47.3 19.7 59.0
 148 76.6 32.2 96.6



#90
 Hexachloroethane
 Concen: 1.351 ug/l
 RT: 14.08 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: VW009045.D
 Acq: 07 Mar 2019 17:44

Tgt Ion:117 Resp: 123
 Ion Ratio Lower Upper
 117 100
 201 0.0 39.1 117.5#

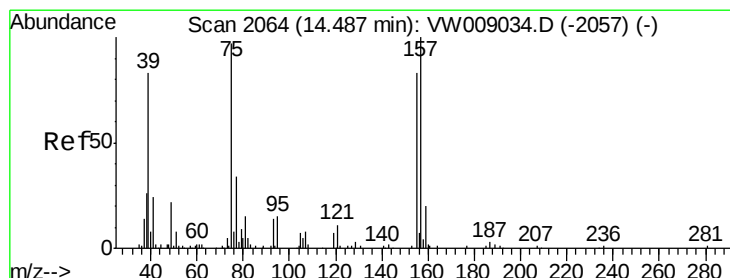
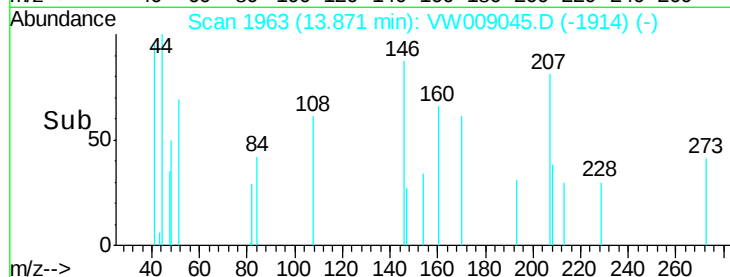
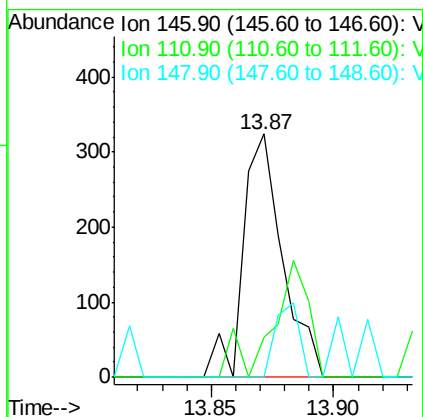
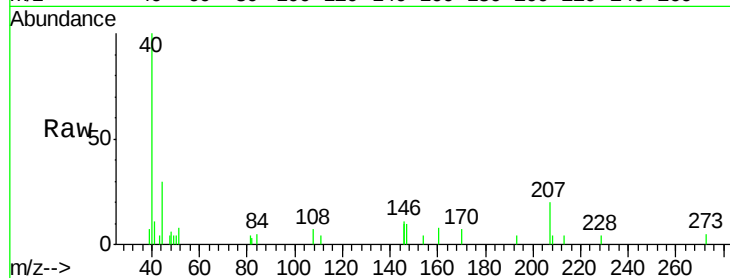




#91
 1,2-Dichlorobenzene
 Concen: 1.560 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009045.D
 Acq: 07 Mar 2019 17:44

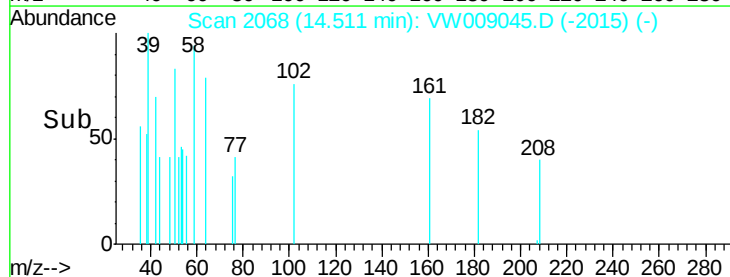
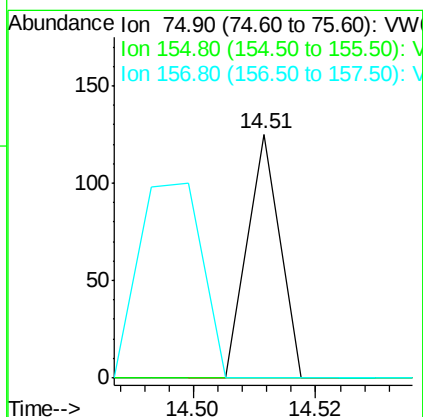
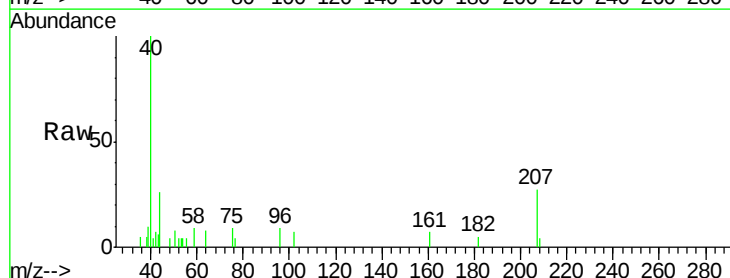
Instrument :
 MSVOA_W
 ClientSampled :
 Z2-8RE

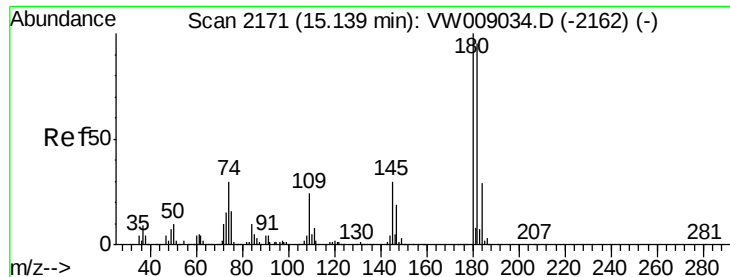
Tgt Ion:146 Resp: 362
 Ion Ratio Lower Upper
 146 100
 111 6.6 21.1 63.1#
 148 0.0 32.3 96.9#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.989 ug/l
 RT: 14.51 min Scan# 2068
 Delta R.T. 0.02 min
 Lab File: VW009045.D
 Acq: 07 Mar 2019 17:44

Tgt Ion: 75 Resp: 46
 Ion Ratio Lower Upper
 75 100
 155 0.0 40.8 122.4#
 157 156.5 52.4 157.3

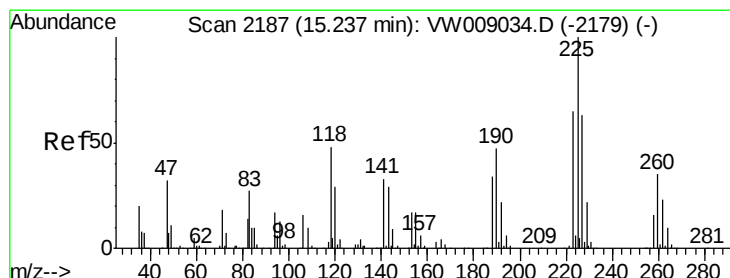
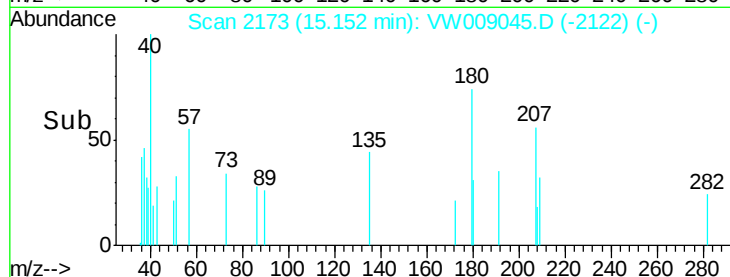
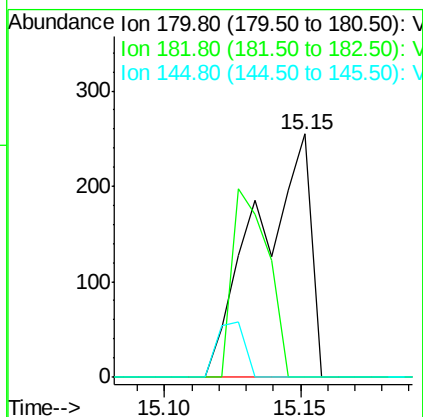
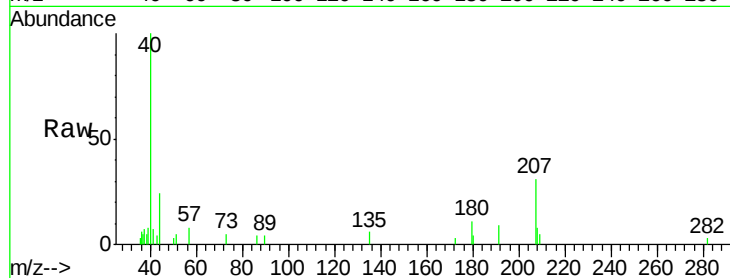




#93
 1,2,4-Trichlorobenzene
 Concen: 2.195 ug/l
 RT: 15.15 min Scan# 2173
 Delta R.T. 0.01 min
 Lab File: VW009045.D
 Acq: 07 Mar 2019 17:44

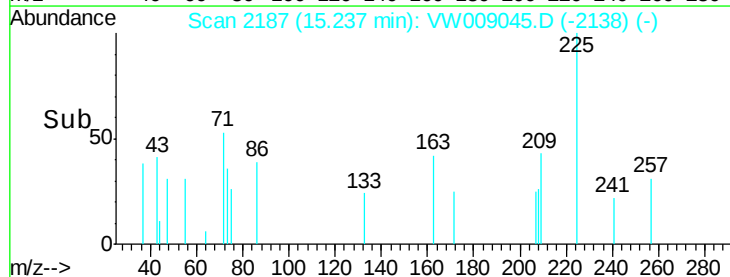
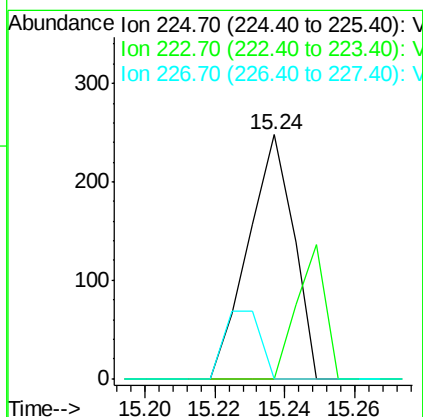
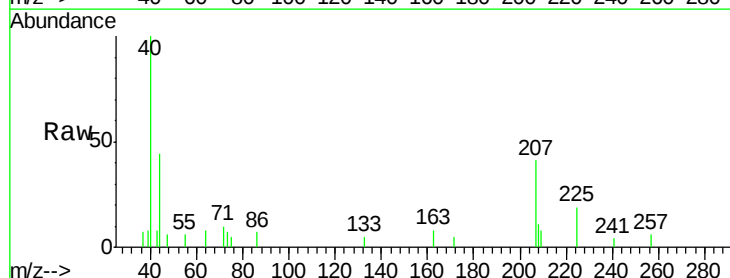
Instrument :
 MSVOA_W
 ClientSampleId :
 Z2-8RE

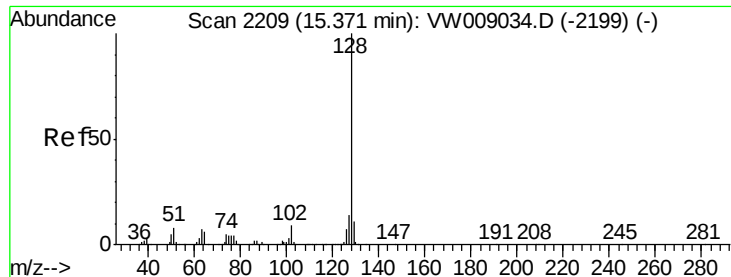
Tgt Ion:180 Resp: 344
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.1 144.3#
 145 0.0 15.4 46.1#



#94
 Hexachlorobutadiene
 Concen: 2.272 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW009045.D
 Acq: 07 Mar 2019 17:44

Tgt Ion:225 Resp: 223
 Ion Ratio Lower Upper
 225 100
 223 34.5 31.6 94.8
 227 0.0 32.0 96.2#





#95

Naphthalene

Concen: 1.536 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW009045.D

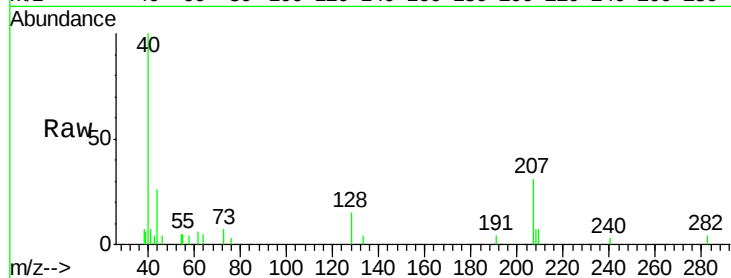
Acq: 07 Mar 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

Z2-8RE



Tgt Ion:	128	Resp:	394
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.6#
129	0.0	8.8	13.2#

