

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012875.D
 Acq On : 10 Sep 2019 17:16
 Operator : SY/VA
 Sample : K4692-07
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-29-9.5-10.0

Quant Time: Sep 10 17:50:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	305504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	243080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	100618	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
35) Dibromofluoromethane	7.88	113	86760	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	10.32	98	355976	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.62	95	108479	41.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.98%	

Target Compounds

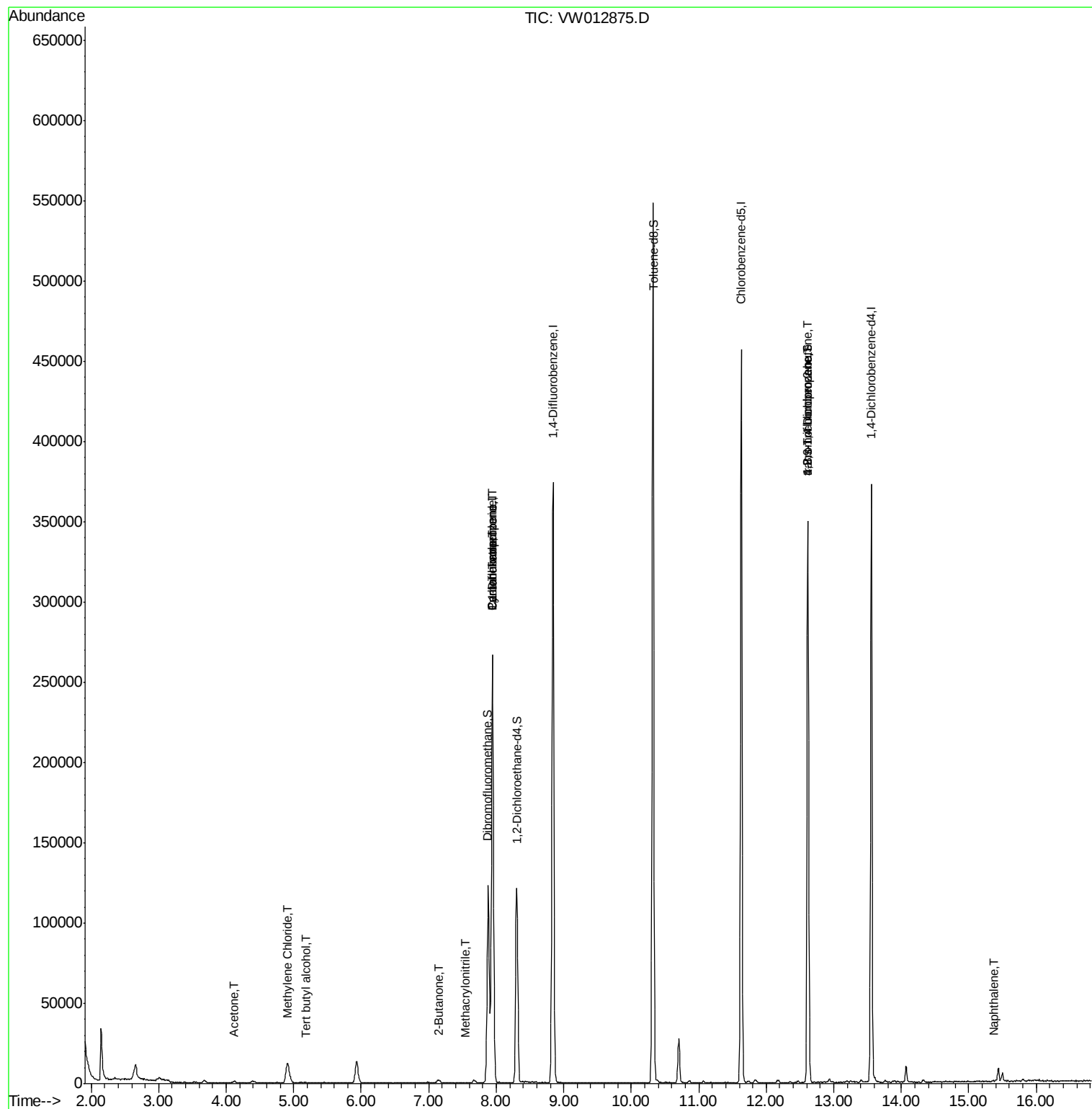
						Qvalue
11) Tert butyl alcohol	5.18	59	354	2.040	ug/l #	72
16) Acetone	4.12	43	1824	2.950	ug/l	99
20) Methylene Chloride	4.90	84	9929	5.134	ug/l	91
25) 2-Butanone	7.15	43	36	19.717	ug/l #	53
31) Cyclohexane	7.95	56	4305	1.291	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15369	5.662	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19582	7.318	ug/l #	17
41) Methacrylonitrile	7.55	41	19	3.854	ug/l #	27
76) 1,2,3-Trichloropropane	12.62	75	55328	54.739	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55328	115.776	ug/l #	6
95) Naphthalene	15.37	128	272	4.499	ug/l #	83

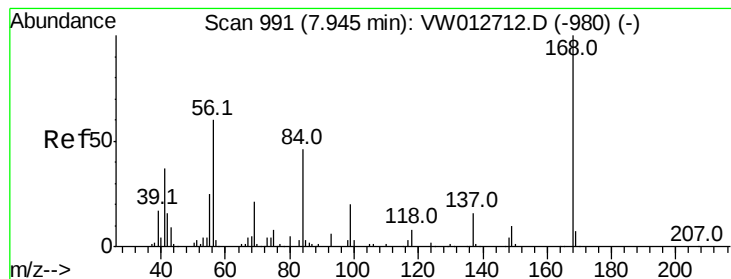
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091019\
Data File : VW012875.D
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SB-29-9.5-10.0

Quant Time: Sep 10 17:50:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012875.D

Acq: 10 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

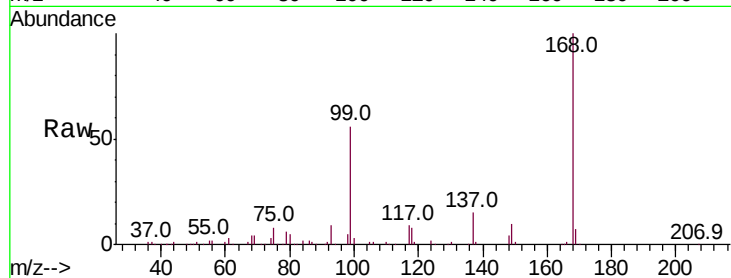
SB-29-9.5-10.0

Tot Ion:168 Resp: 202961

Ion Ratio Lower Upper

168 100

99 56.2 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

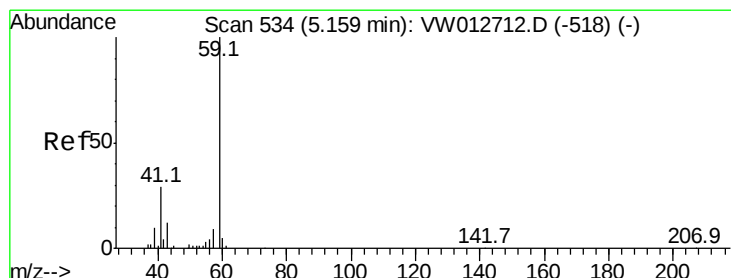
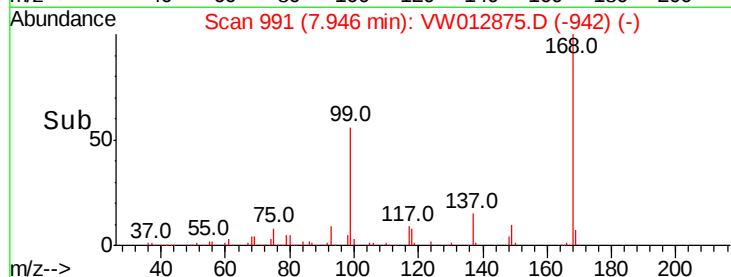
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 2.040 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.02 min

Lab File: VW012875.D

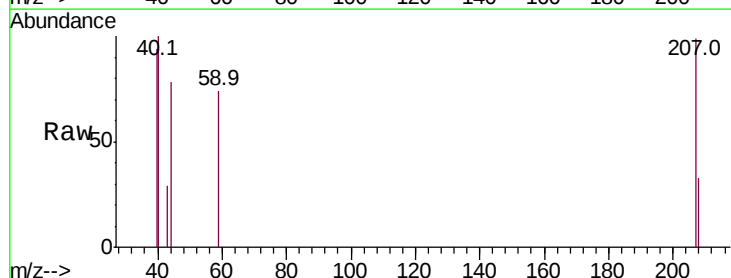
Acq: 10 Sep 2019 17:16

Tgt Ion: 59 Resp: 354

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

150

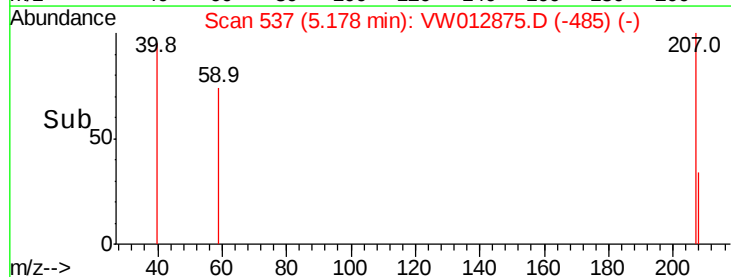
100

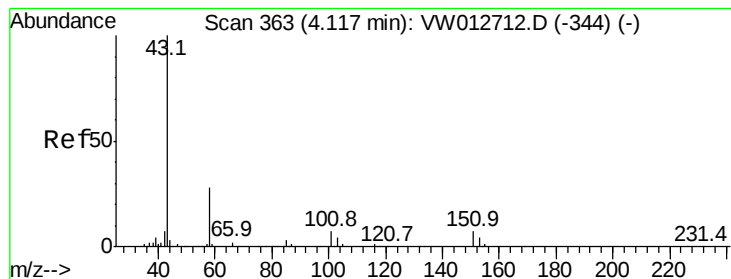
50

0

5.15 5.20

Time-->





#16

Acetone

Concen: 2.950 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW012875.D

Acq: 10 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

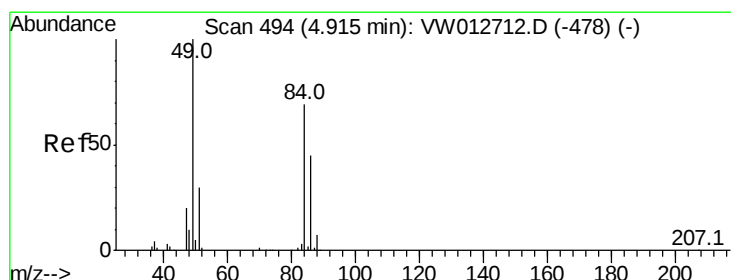
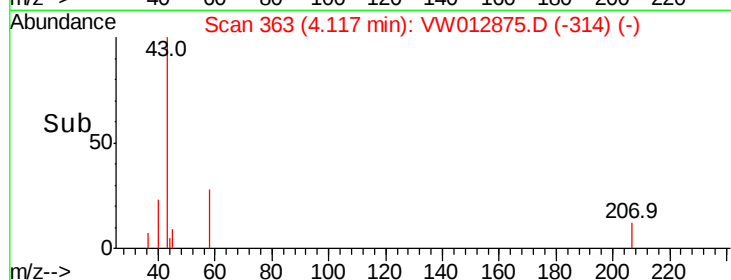
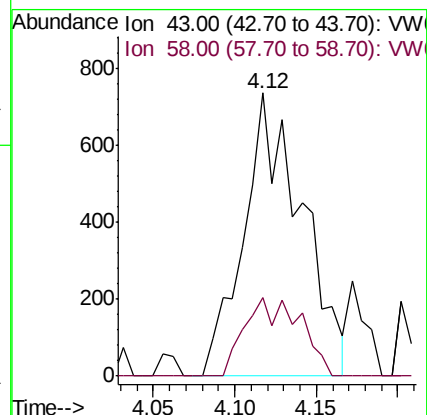
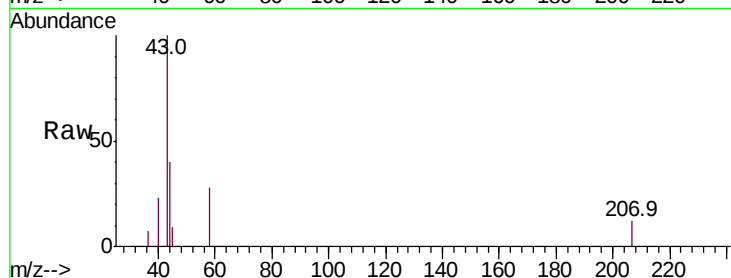
SB-29-9.5-10.0

Tot Ion: 43 Resp: 1824

Ion Ratio Lower Upper

43 100

58 27.7 22.6 33.8



#20

Methylene Chloride

Concen: 5.134 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW012875.D

Acq: 10 Sep 2019 17:16

Tgt Ion: 84 Resp: 9929

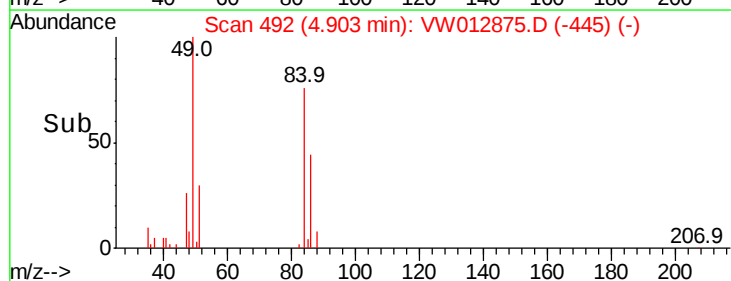
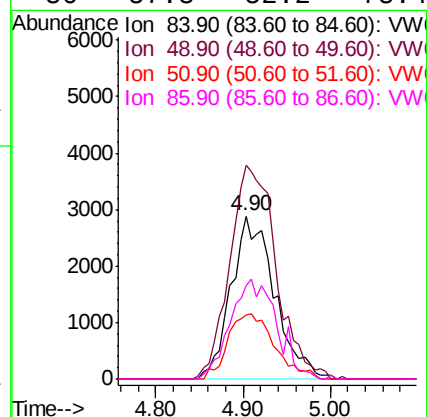
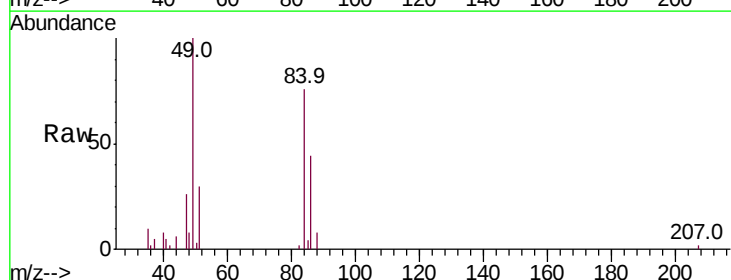
Ion Ratio Lower Upper

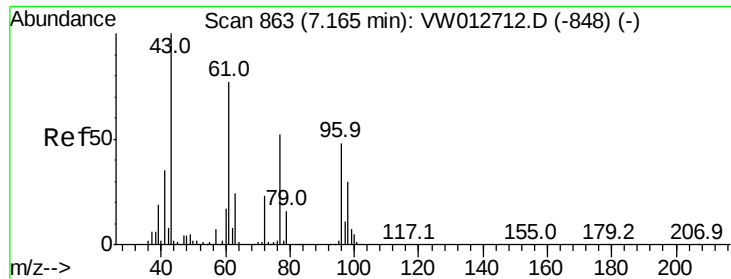
84 100

49 131.3 115.4 173.0

51 39.7 34.9 52.3

86 57.8 52.2 78.4





#25

2-Butanone

Concen: 19.717 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW012875.D

Acq: 10 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampled :

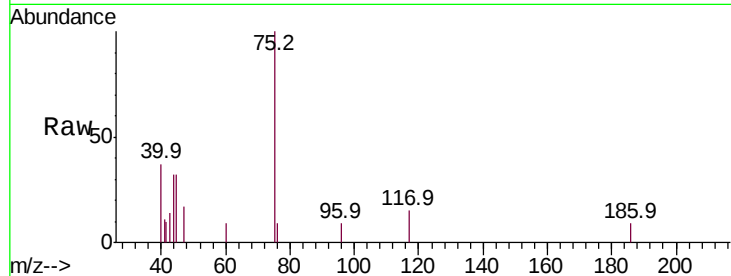
SB-29-9.5-10.0

Tot Ion: 43 Resp: 36

Ion Ratio Lower Upper

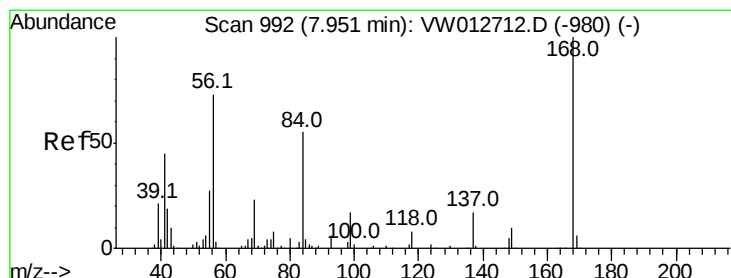
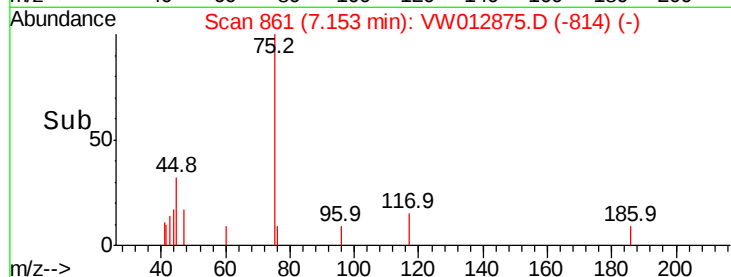
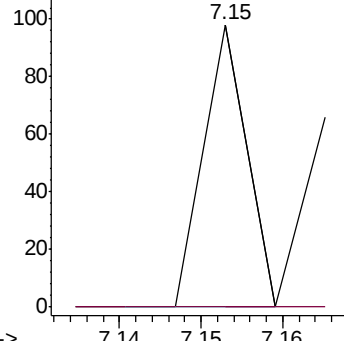
43 100

72 0.0 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.291 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012875.D

Acq: 10 Sep 2019 17:16

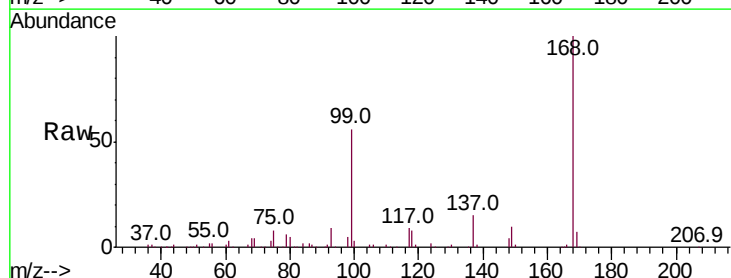
Tgt Ion: 56 Resp: 4305

Ion Ratio Lower Upper

56 100

69 192.9 25.7 38.5#

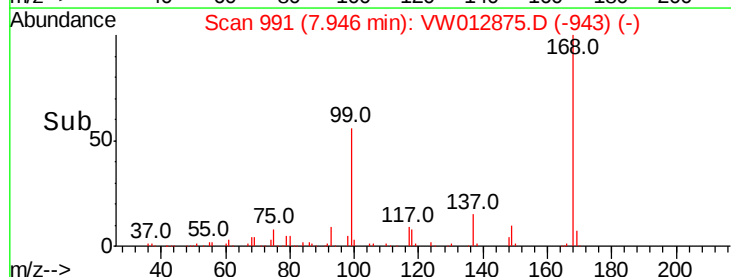
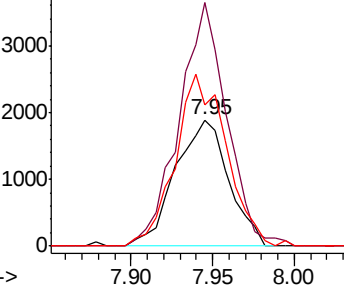
84 111.4 60.4 90.6#

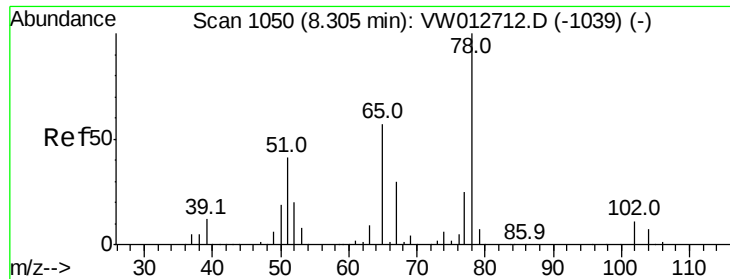


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

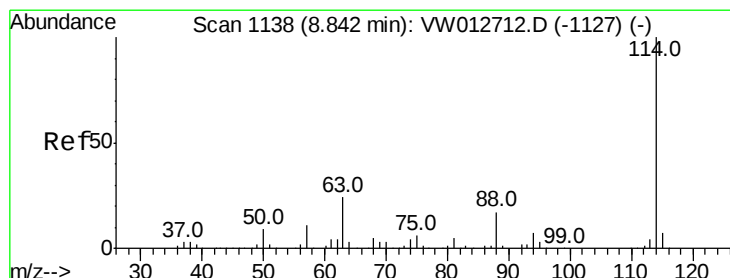
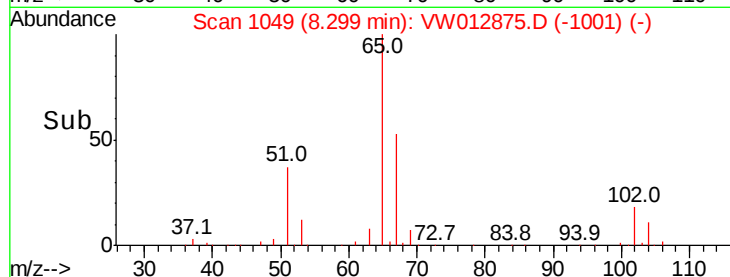
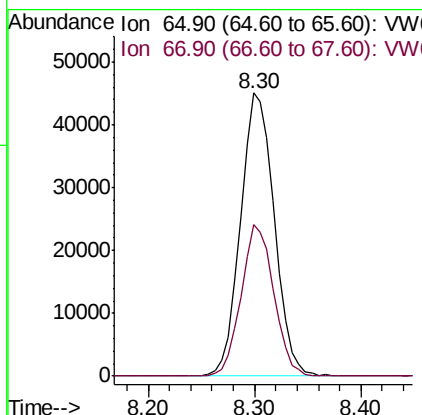
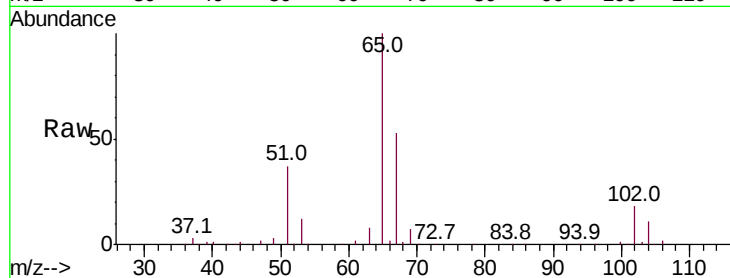




#33
 1,2-Dichloroethane-d4
 Concen: 44.369 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012875.D
 Acq: 10 Sep 2019 17:16

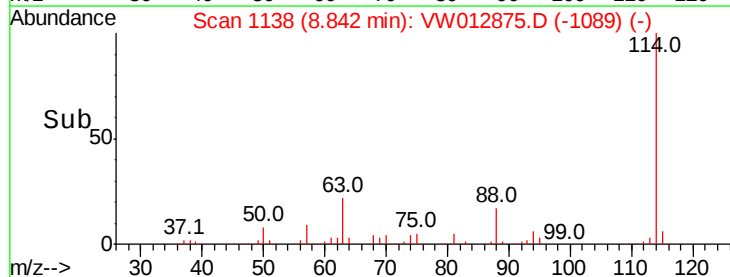
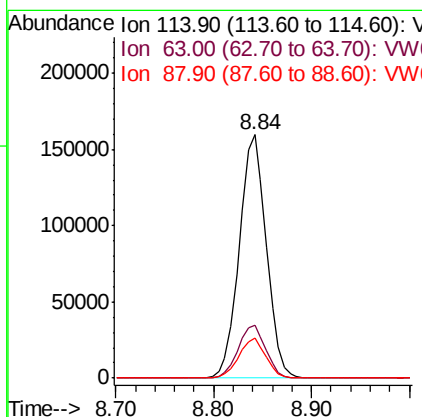
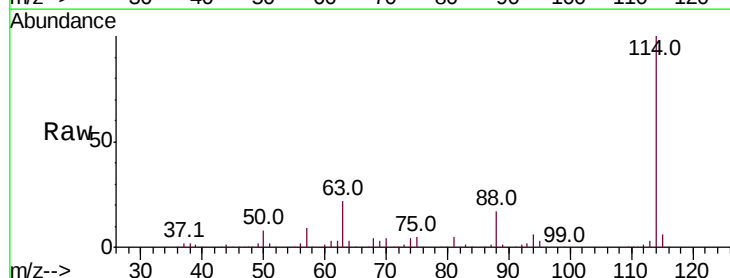
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-29-9.5-10.0

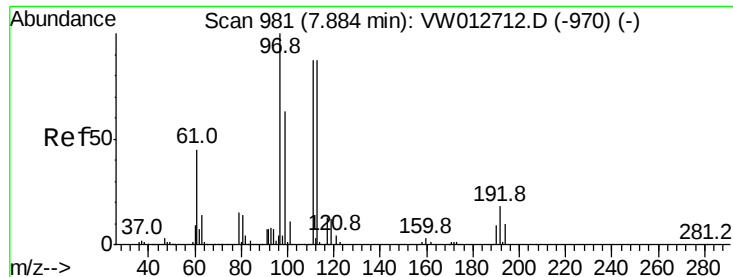
Tot Ion: 65 Resp: 100618
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012875.D
 Acq: 10 Sep 2019 17:16

Tgt Ion: 114 Resp: 305504
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 47.2
 88 16.5 0.0 34.0

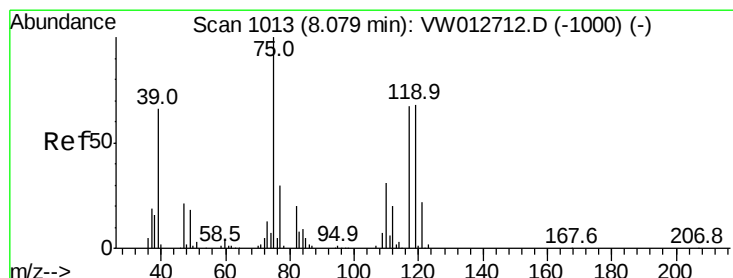
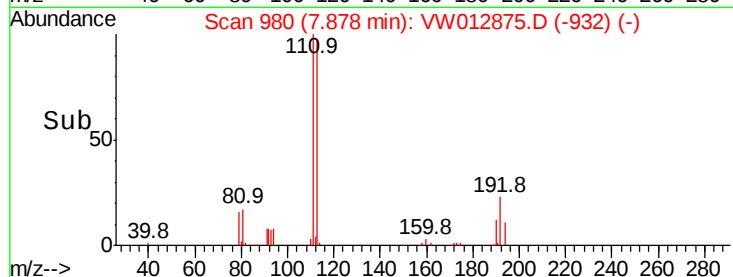
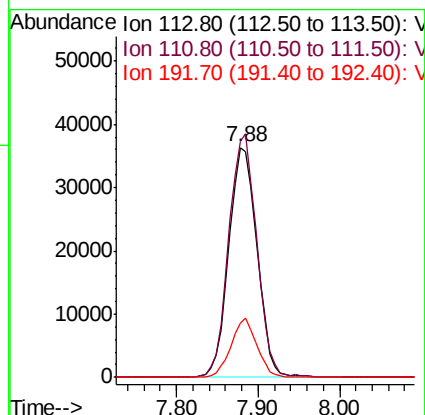
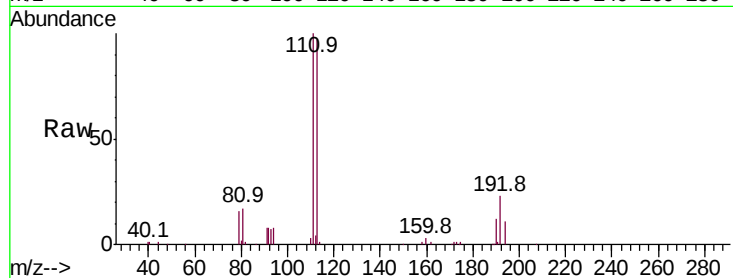




#35
Dibromofluoromethane
Concen: 47.767 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012875.D
Acq: 10 Sep 2019 17:16

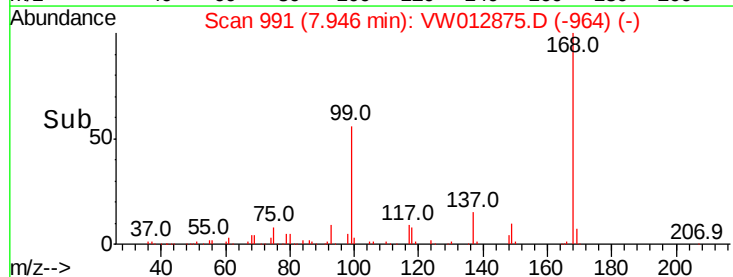
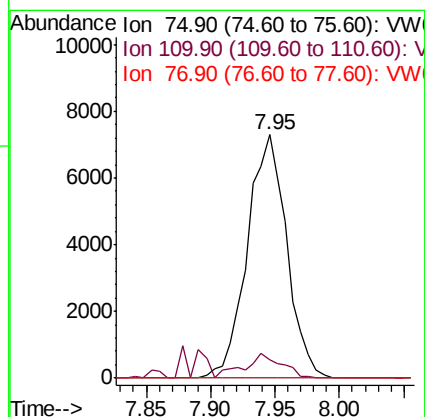
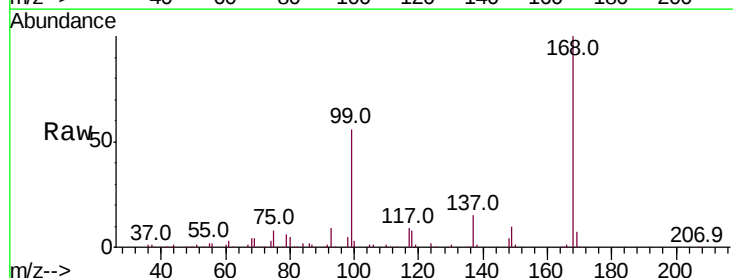
Instrument :
MSVOA_W
ClientSampleId :
SB-29-9.5-10.0

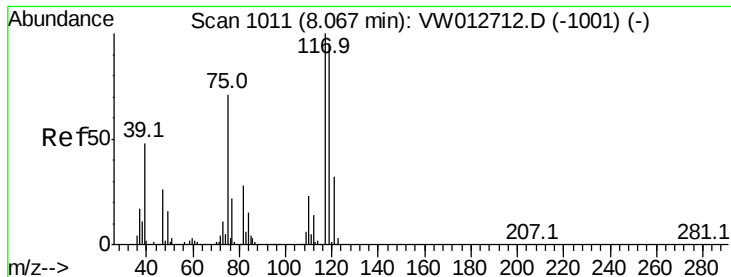
Tot Ion:113 Resp: 86760
Ion Ratio Lower Upper
113 100
111 104.9 80.2 120.4
192 23.4 17.3 25.9



#36
1,1-Dichloropropene
Concen: 5.662 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW012875.D
Acq: 10 Sep 2019 17:16

Tgt Ion: 75 Resp: 15369
Ion Ratio Lower Upper
75 100
110 9.1 15.9 47.7#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 7.318 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW012875.D

Acq: 10 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampled :

SB-29-9.5-10.0

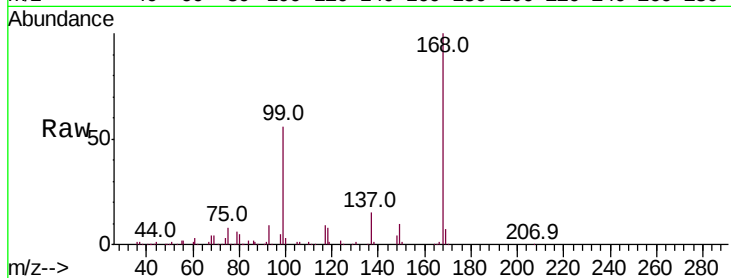
Tot Ion:117 Resp: 19582

Ion Ratio Lower Upper

117 100

119 5.9 76.2 114.2#

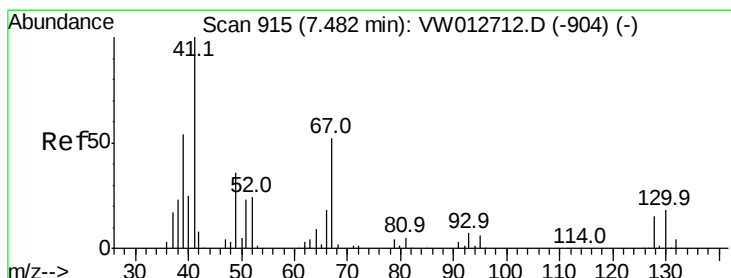
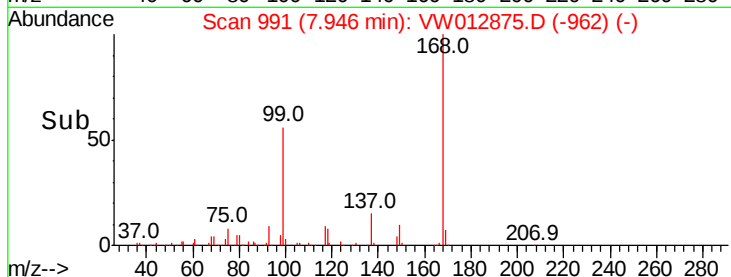
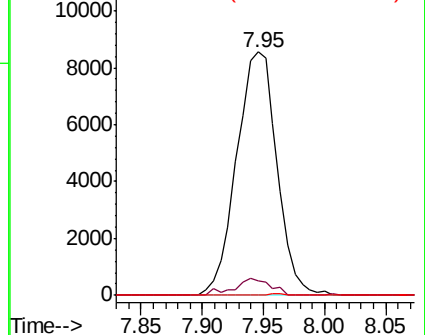
121 0.0 25.4 38.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 3.854 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.07 min

Lab File: VW012875.D

Acq: 10 Sep 2019 17:16

Tgt Ion: 41 Resp: 19

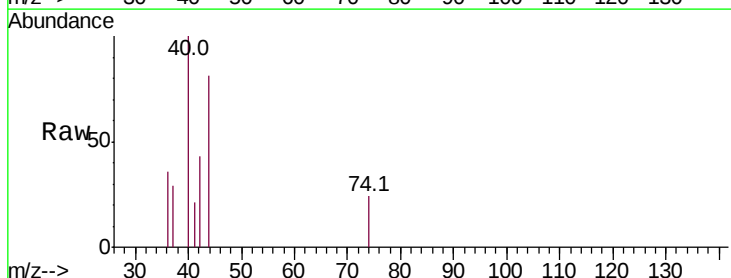
Ion Ratio Lower Upper

41 100

39 0.0 47.5 71.3#

67 0.0 45.1 67.7#

52 0.0 20.2 30.2#

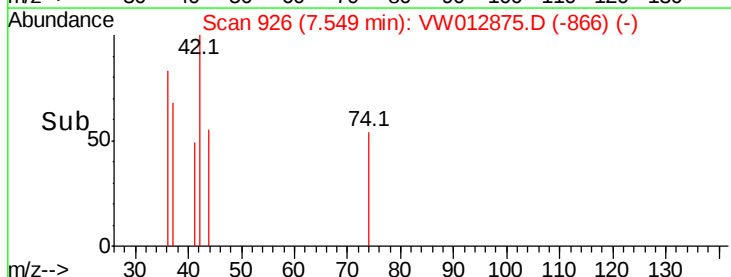
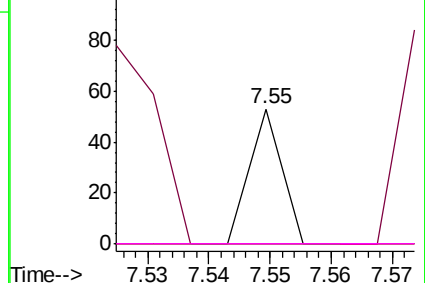


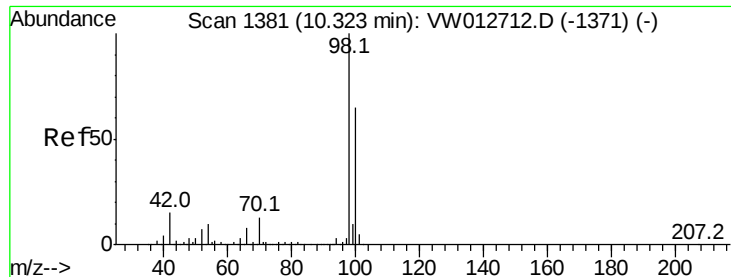
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW





#50

Toluene-d8

Concen: 50.026 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012875.D

Acq: 10 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

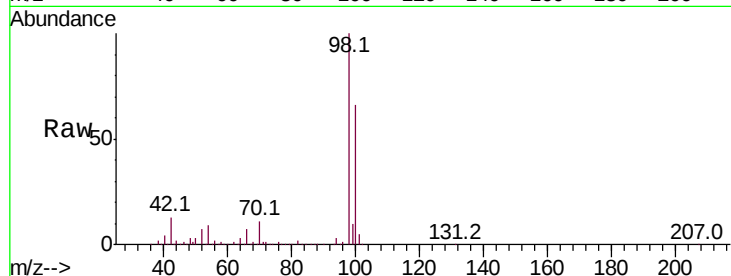
SB-29-9.5-10.0

Tot Ion: 98 Resp: 355976

Ion Ratio Lower Upper

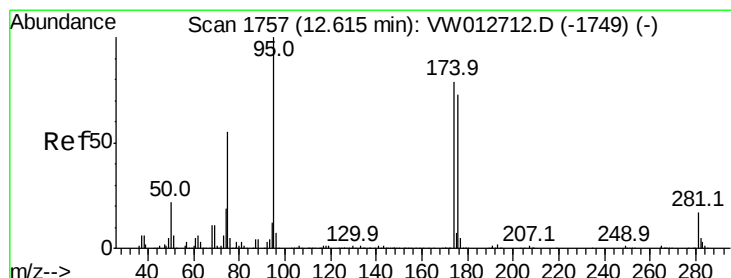
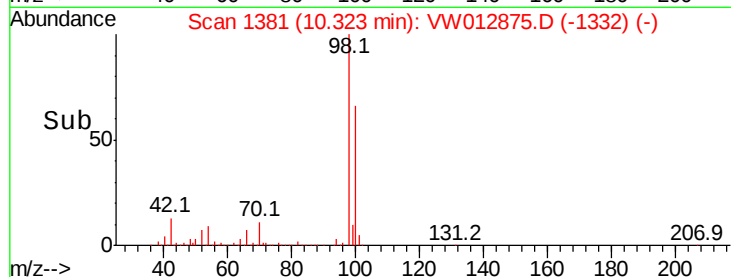
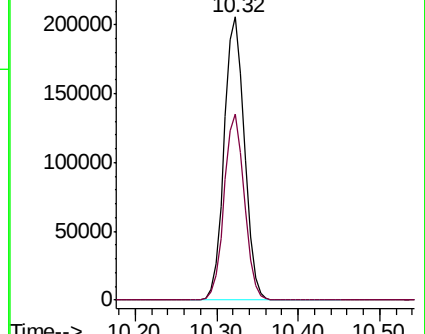
98 100

100 65.2 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 41.993 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012875.D

Acq: 10 Sep 2019 17:16

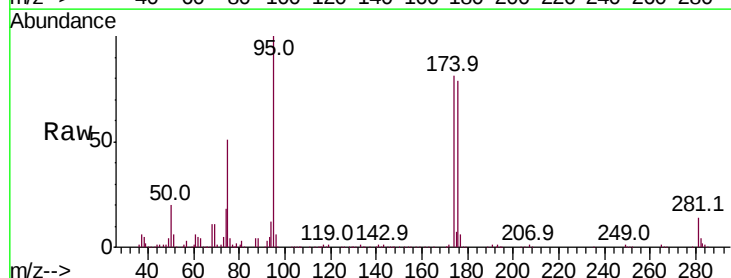
Tgt Ion: 95 Resp: 108479

Ion Ratio Lower Upper

95 100

174 83.7 0.0 161.0

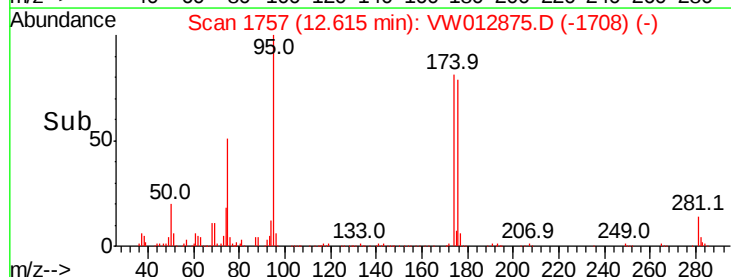
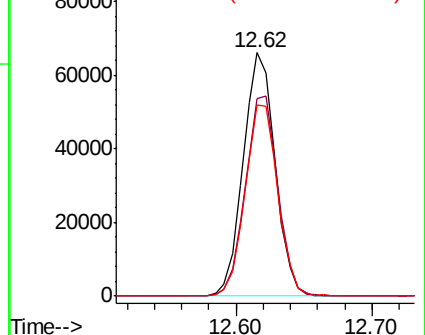
176 80.6 0.0 156.4

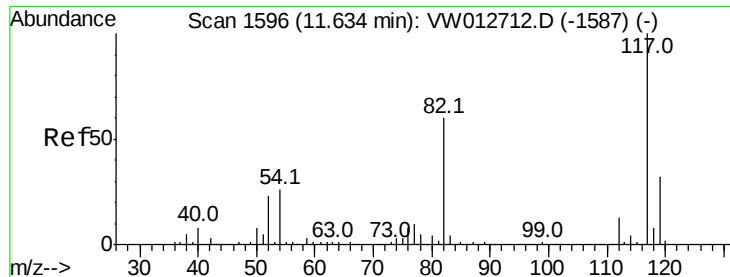


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

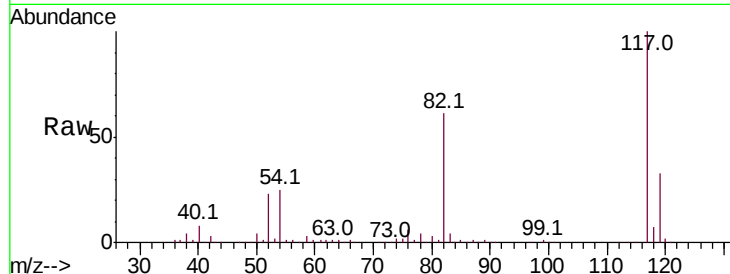




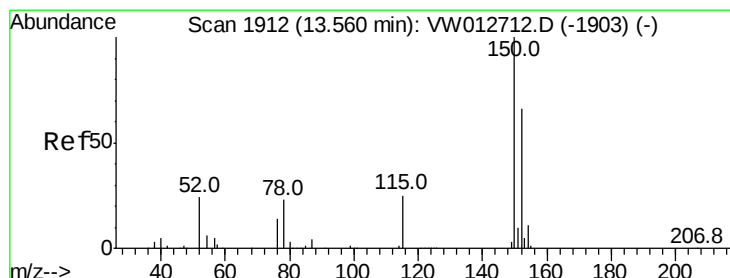
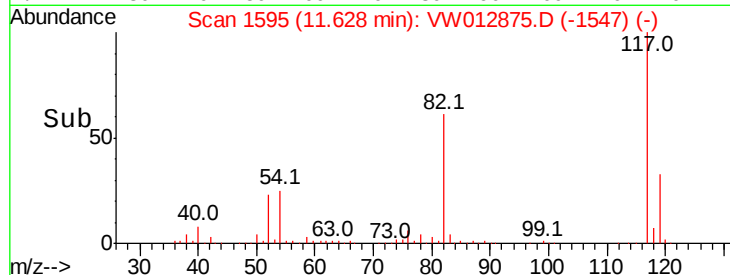
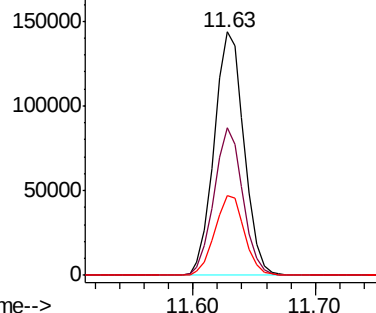
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012875.D
Acq: 10 Sep 2019 17:16

Instrument :
MSVOA_W
ClientSampleId :
SB-29-9.5-10.0

Tot Ion:117 Resp: 243080
Ion Ratio Lower Upper
117 100
82 60.7 48.2 72.4
119 33.0 25.8 38.6

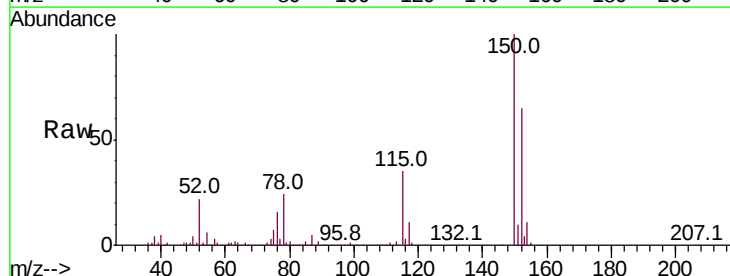


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

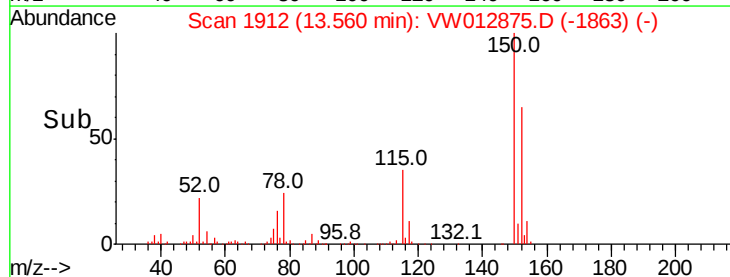
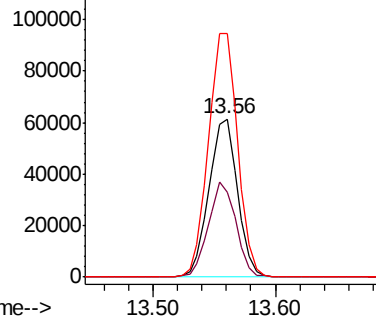


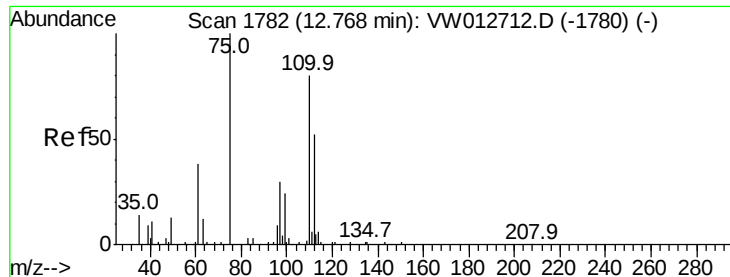
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012875.D
Acq: 10 Sep 2019 17:16

Tgt Ion:152 Resp: 98848
Ion Ratio Lower Upper
152 100
115 57.9 30.0 90.1
150 157.6 0.0 349.0



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





#76

1,2,3-Trichloropropane

Concen: 54.739 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012875.D

Acq: 10 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

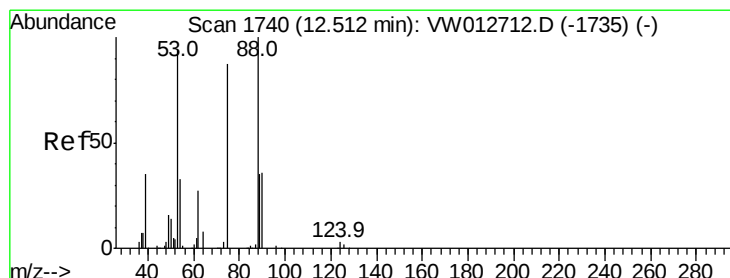
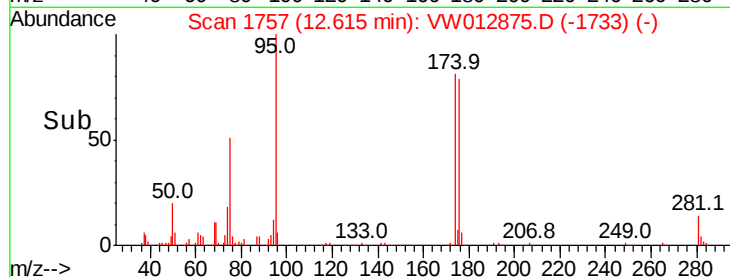
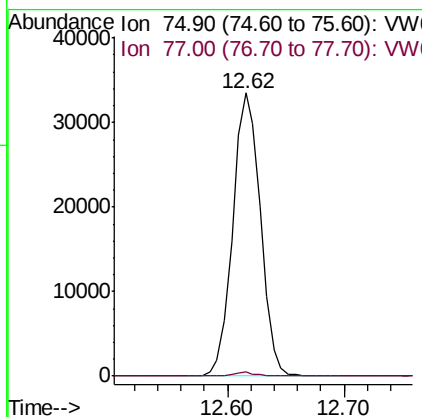
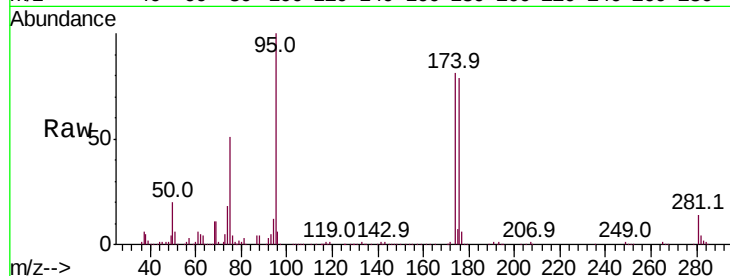
SB-29-9.5-10.0

Tot Ion: 75 Resp: 55328

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.776 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW012875.D

Acq: 10 Sep 2019 17:16

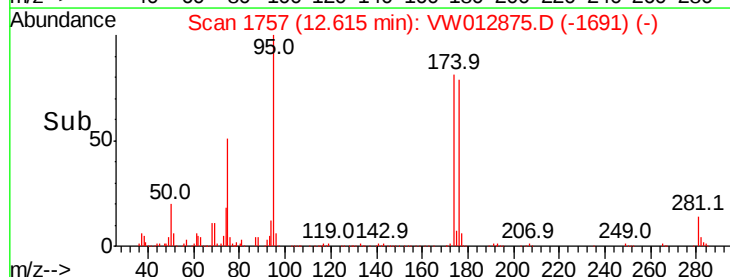
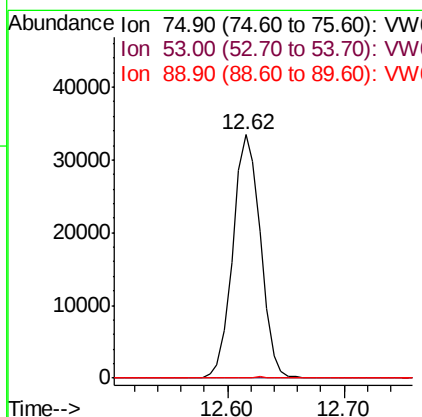
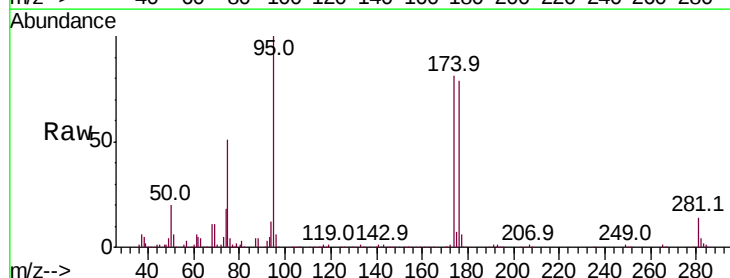
Tgt Ion: 75 Resp: 55328

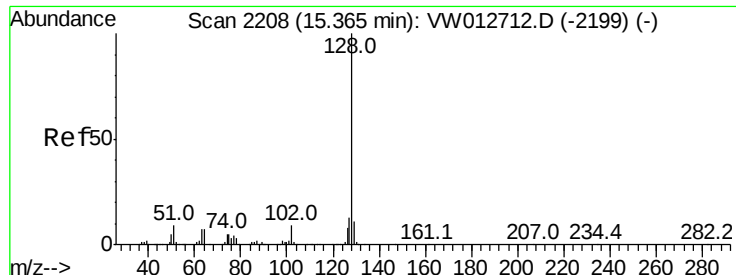
Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.1 35.5 53.3#





#95

Naphthalene

Concen: 4.499 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW012875.D

Acq: 10 Sep 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

SB-29-9.5-10.0

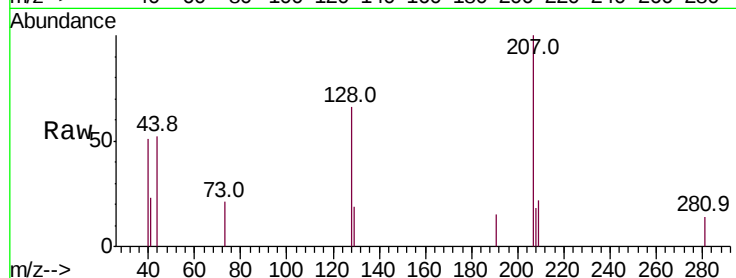
Tot Ion:128 Resp: 272

Ion Ratio Lower Upper

128 100

127 9.6 10.7 16.1#

129 21.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

