

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011029.D
 Acq On : 27 Jun 2019 21:19
 Operator : SY/VA
 Sample : VW0627SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBL01

Quant Time: Jun 28 08:33:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	203243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	353713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	153181	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	149747	56.36	ug/l	0.00
Spiked Amount			Recovery	=	112.72%	
35) Dibromofluoromethane	7.88	113	110871	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
50) Toluene-d8	10.32	98	448715	50.47	ug/l	0.00
Spiked Amount			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.62	95	164738	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	

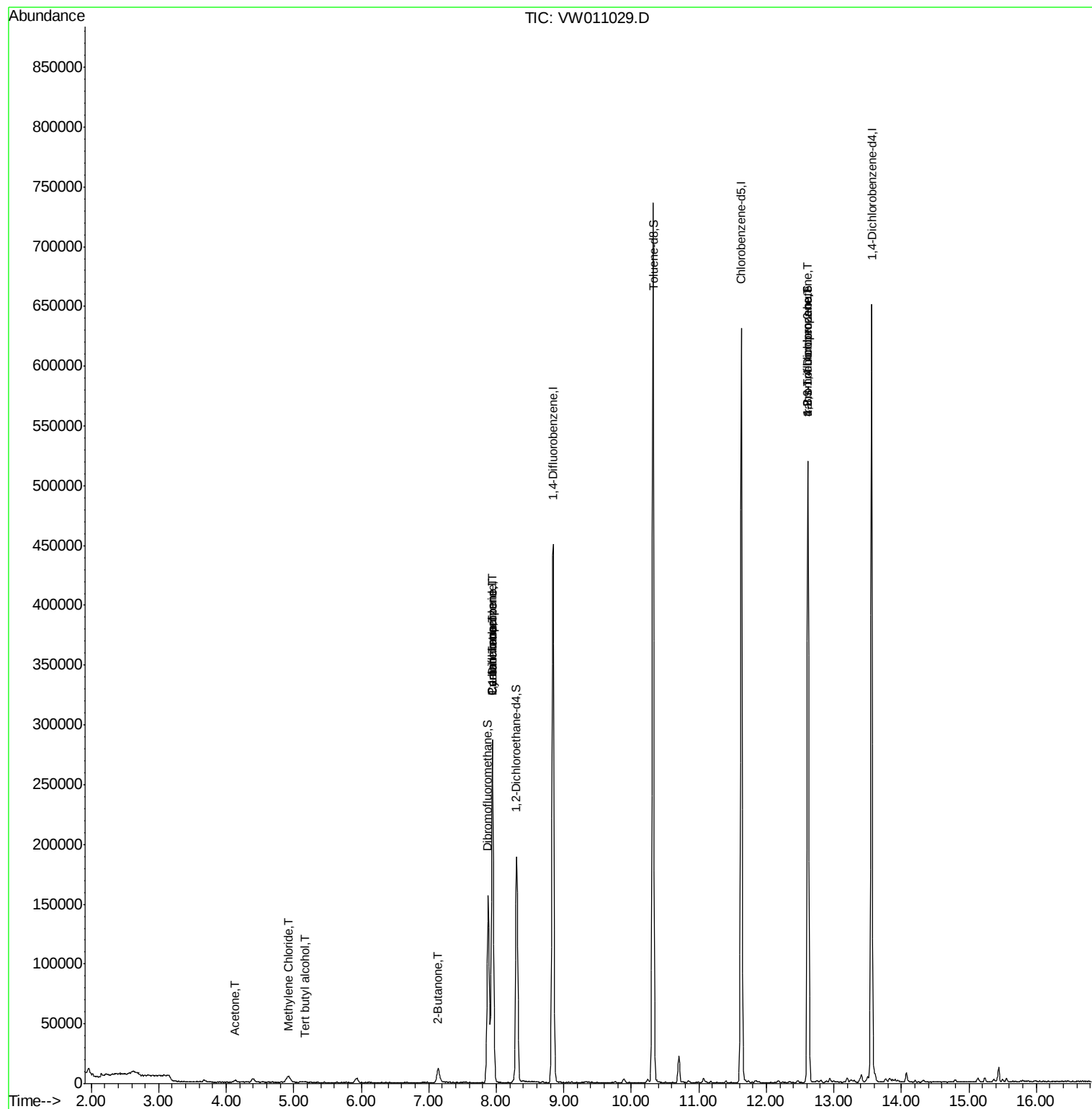
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	206	1.068	ug/l #	71
16) Acetone	4.14	43	3260	5.027	ug/l	90
20) Methylene Chloride	4.93	84	4407	1.672	ug/l	89
25) 2-Butanone	7.13	43	1046	1.061	ug/l #	54
31) Cyclohexane	7.94	56	5587	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18652	4.906	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20786	6.639	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	90408	55.904	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	90408	113.292	ug/l #	3

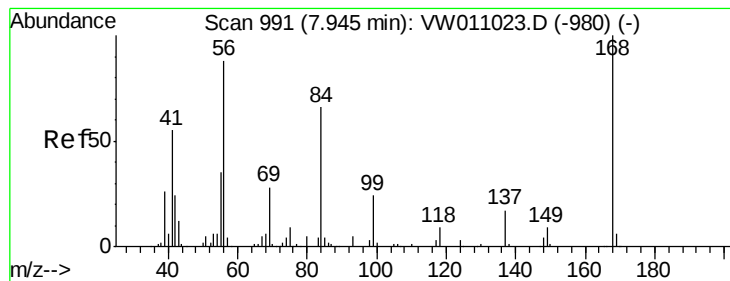
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062819\
Data File : VW011029.D
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBL01

Quant Time: Jun 28 08:33:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 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: VW011029.D

Acq: 27 Jun 2019 21:19

Instrument :

MSVOA_W

ClientSampled :

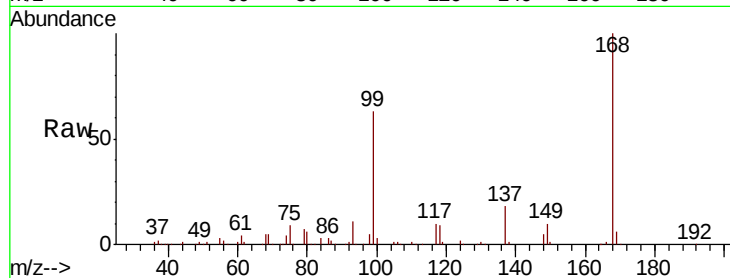
VW0628SBL01

Tot Ion:168 Resp: 203243

Ion Ratio Lower Upper

168 100

99 62.7 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

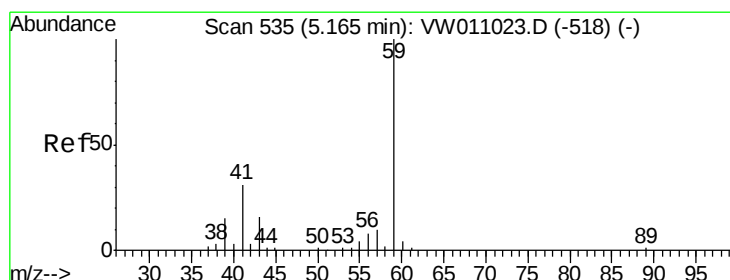
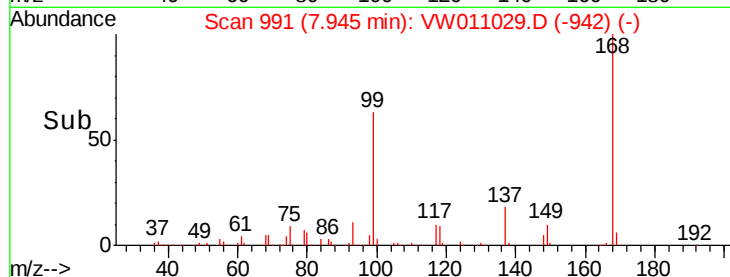
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.068 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW011029.D

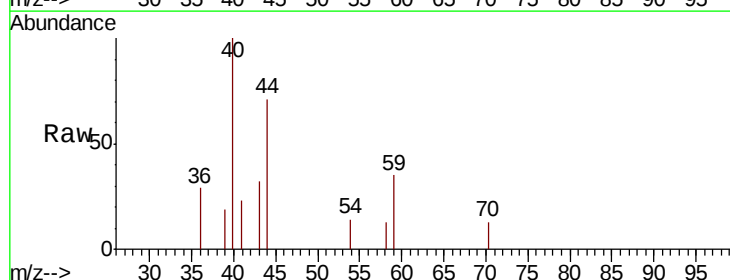
Acq: 27 Jun 2019 21:19

Tgt Ion: 59 Resp: 206

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

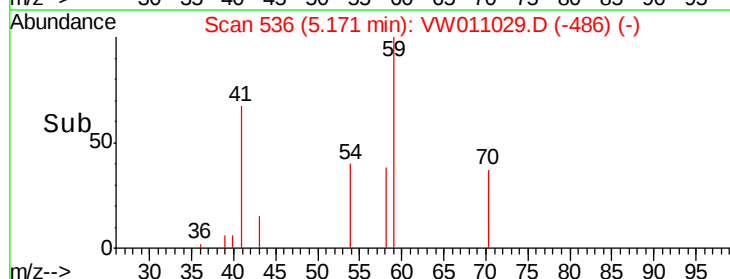
150

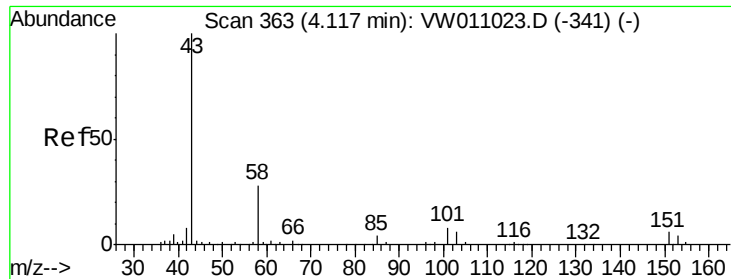
100

50

0

Time--> 5.16 5.18 5.20 5.22





#16

Acetone

Concen: 5.027 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011029.D

Acq: 27 Jun 2019 21:19

Instrument :

MSVOA_W

ClientSampleId :

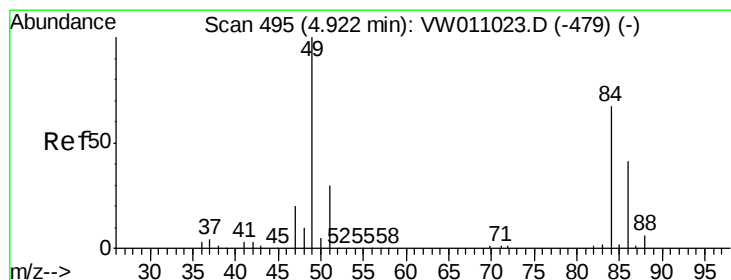
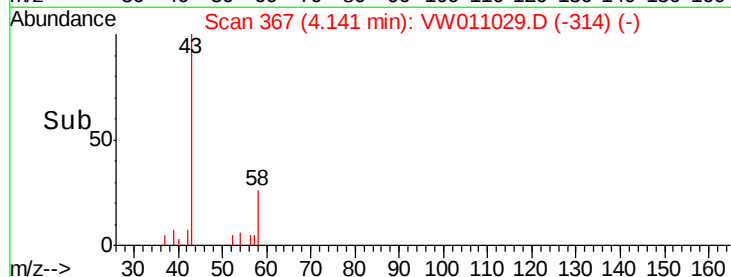
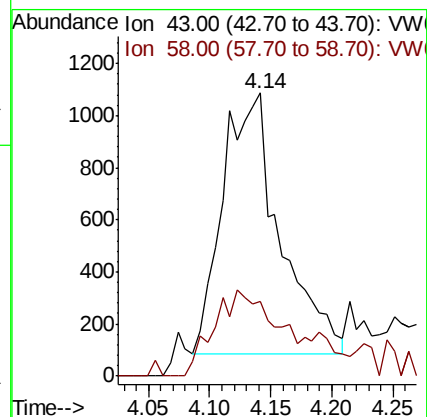
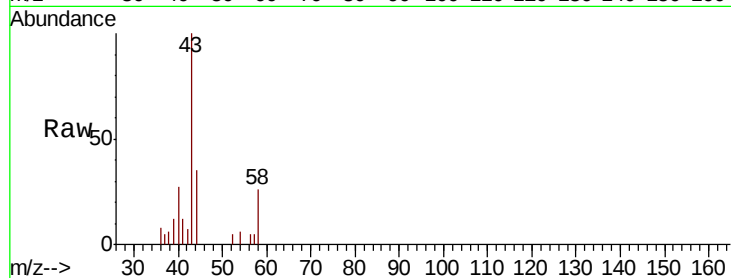
VW0628SBL01

Tot Ion: 43 Resp: 3260

Ion Ratio Lower Upper

43 100

58 23.0 22.5 33.7



#20

Methylene Chloride

Concen: 1.672 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW011029.D

Acq: 27 Jun 2019 21:19

Tgt Ion: 84 Resp: 4407

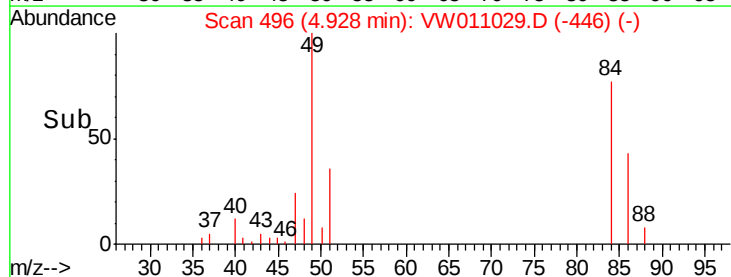
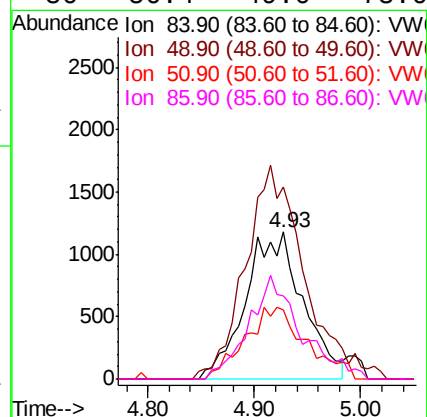
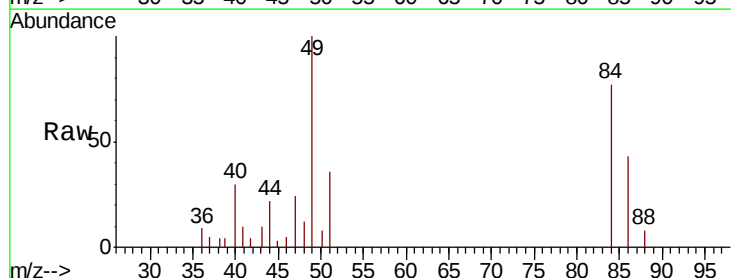
Ion Ratio Lower Upper

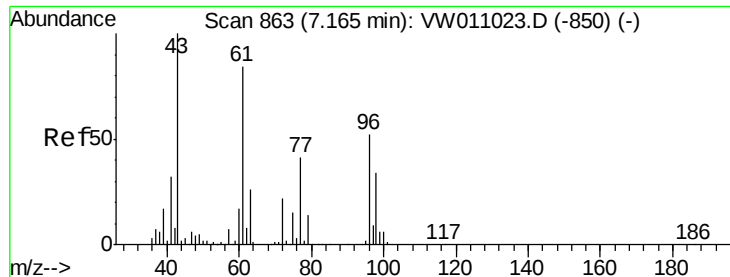
84 100

49 130.3 119.6 179.4

51 47.2 35.6 53.4

86 56.4 49.0 73.6





#25

2-Butanone

Concen: 1.061 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW011029.D

Acq: 27 Jun 2019 21:19

Instrument :

MSVOA_W

ClientSampleId :

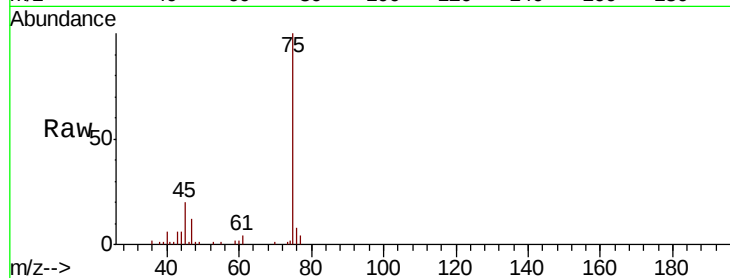
VW0628SBL01

Tot Ion: 43 Resp: 1046

Ion Ratio Lower Upper

43 100

72 0.0 17.2 25.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.13

400

300

200

100

0

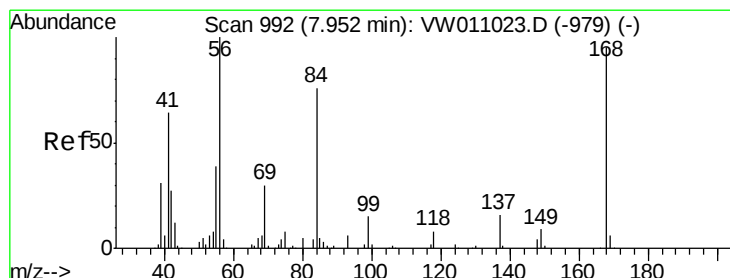
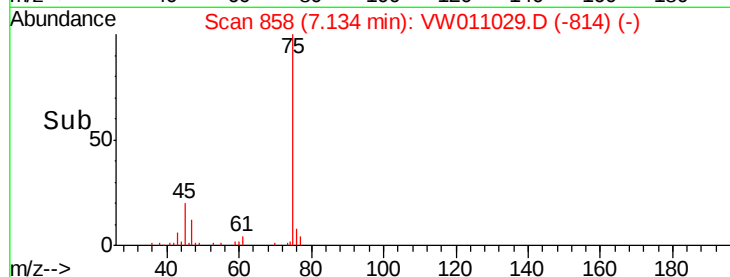
7.05

7.10

7.15

7.20

Time-->



#31

Cyclohexane

Concen: 1.099 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011029.D

Acq: 27 Jun 2019 21:19

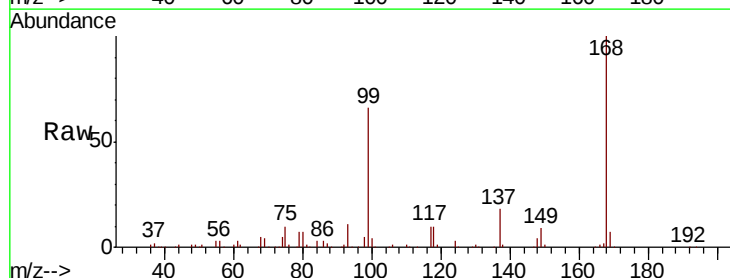
Tgt Ion: 56 Resp: 5587

Ion Ratio Lower Upper

56 100

69 156.9 24.2 36.2#

84 123.9 60.6 90.8#



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

6000

5000

4000

3000

2000

1000

0

7.85

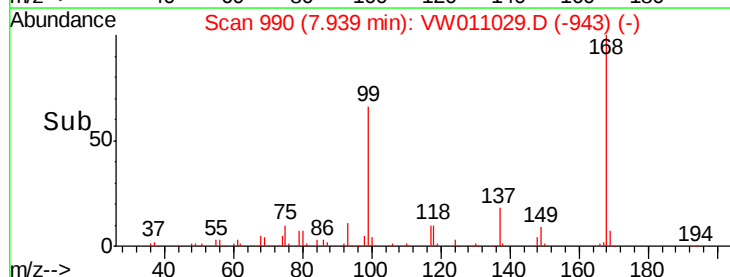
7.90

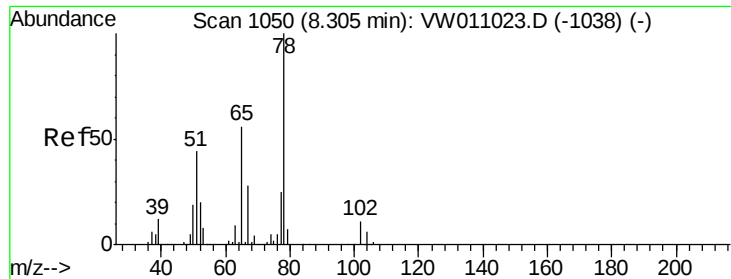
7.95

8.00

8.05

Time-->

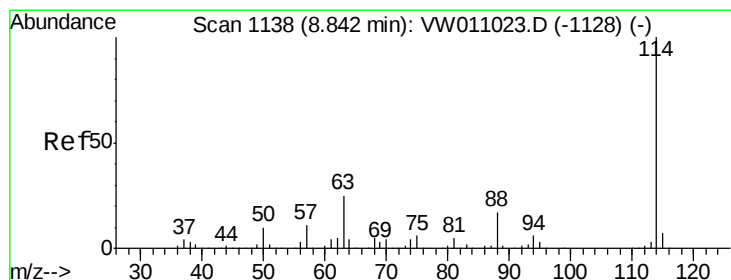
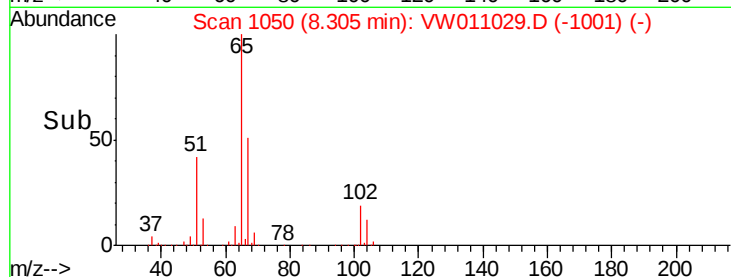
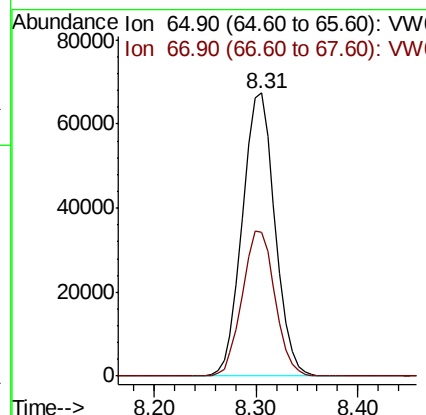
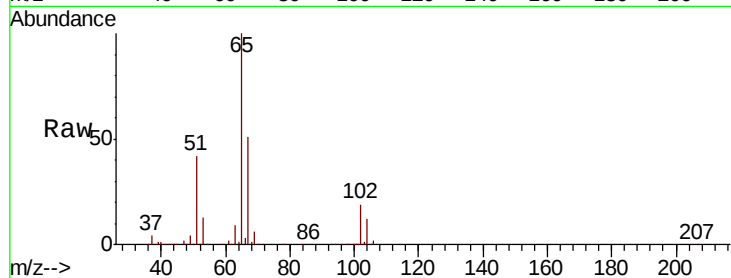




#33
 1,2-Dichloroethane-d4
 Concen: 56.361 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011029.D
 Acq: 27 Jun 2019 21:19

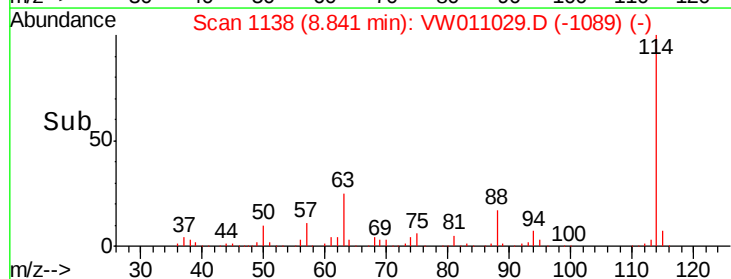
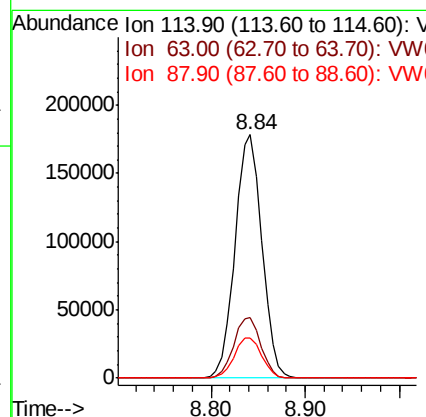
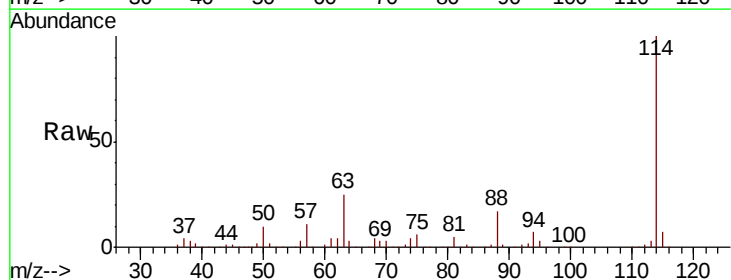
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBL01

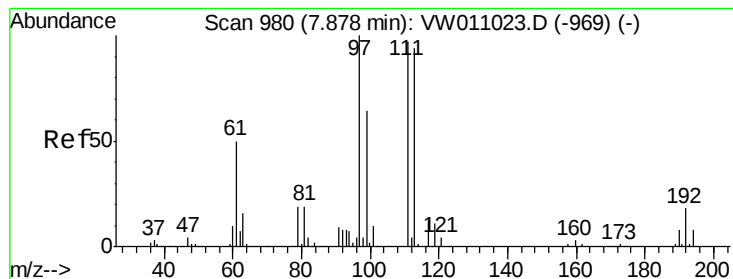
Tot Ion: 65 Resp: 149747
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011029.D
 Acq: 27 Jun 2019 21:19

Tgt Ion: 114 Resp: 353713
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 50.6
 88 16.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 51.331 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW011029.D

Acq: 27 Jun 2019 21:19

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBL01

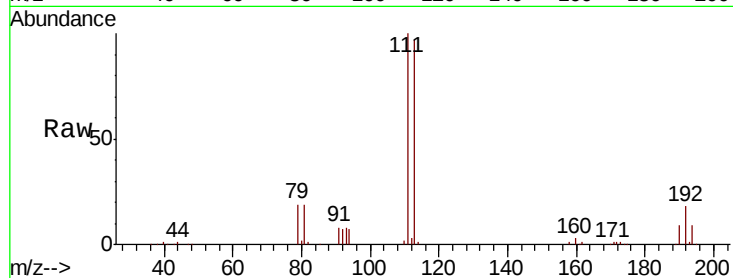
Tot Ion:113 Resp: 110871

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

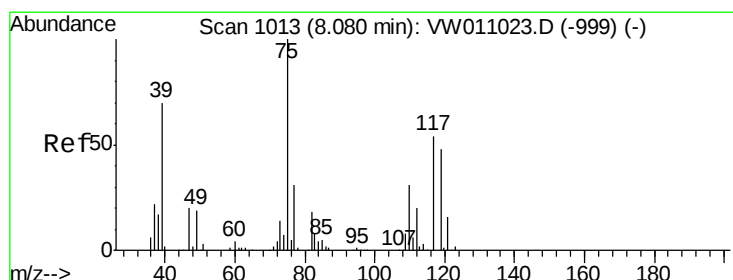
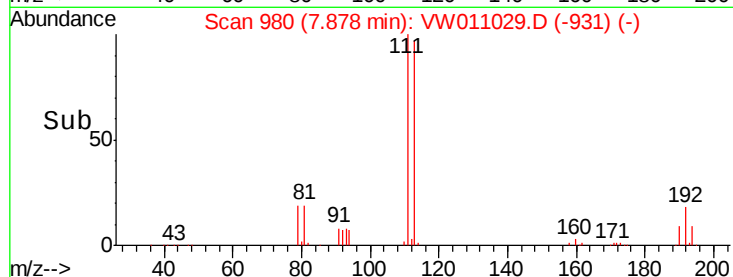
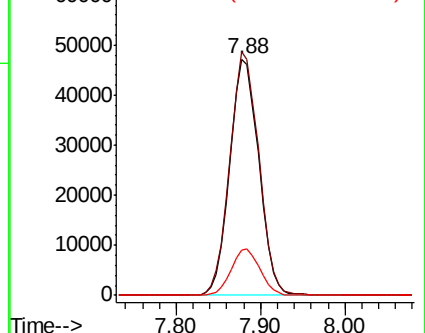
192 19.5 16.0 24.0



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: 4.906 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW011029.D

Acq: 27 Jun 2019 21:19

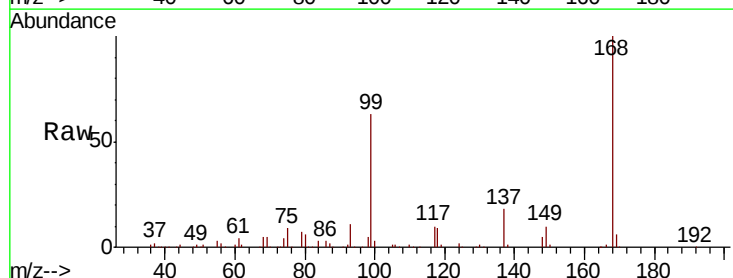
Tgt Ion: 75 Resp: 18652

Ion Ratio Lower Upper

75 100

110 8.6 15.5 46.5#

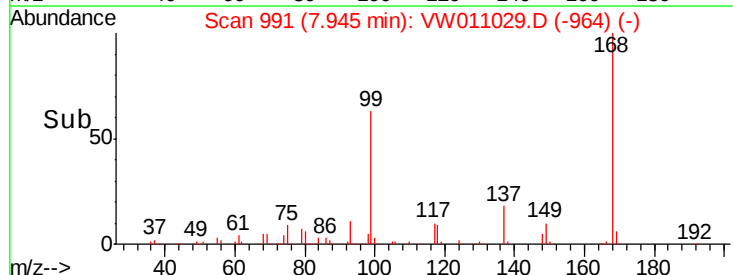
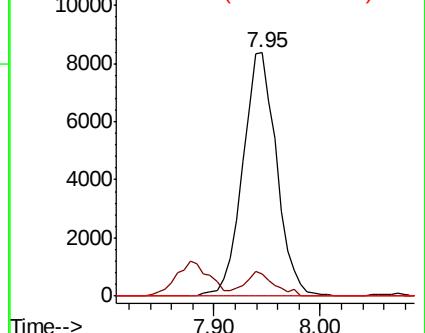
77 0.0 24.9 37.3#

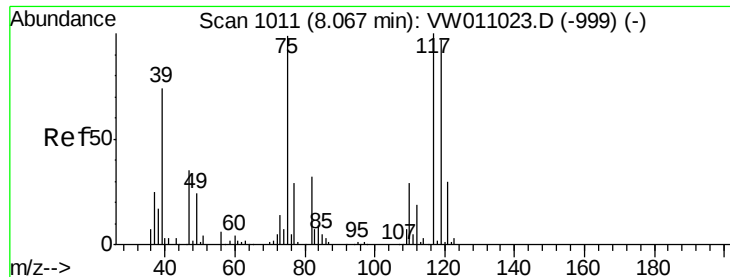


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.639 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011029.D

Acq: 27 Jun 2019 21:19

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBL01

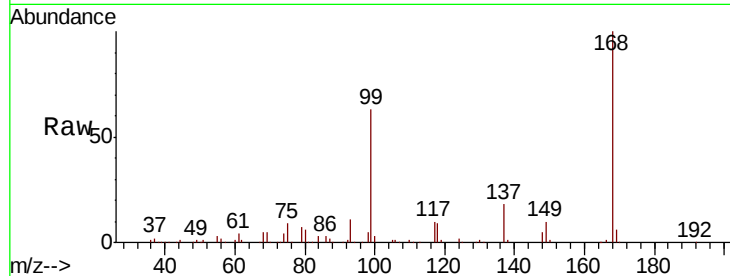
Tot Ion:117 Resp: 20786

Ion Ratio Lower Upper

117 100

119 5.5 77.7 116.5#

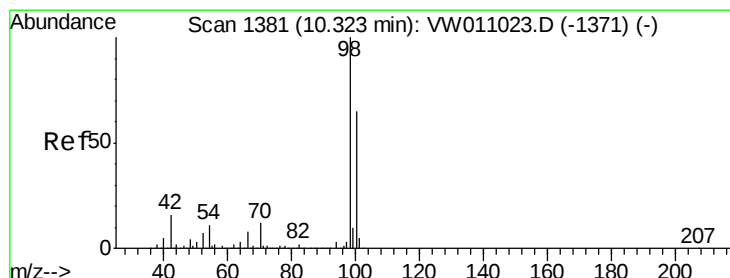
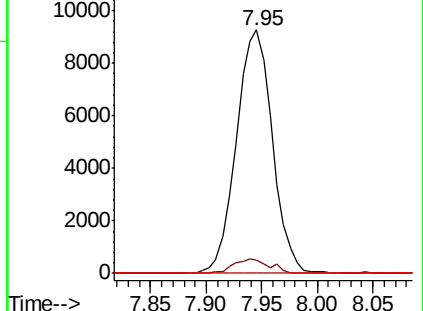
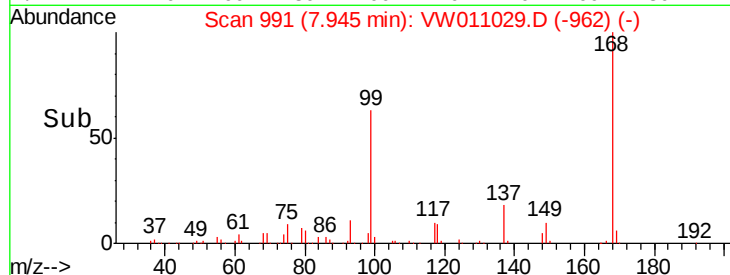
121 0.0 23.9 35.9#



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



#50

Toluene-d8

Concen: 50.470 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011029.D

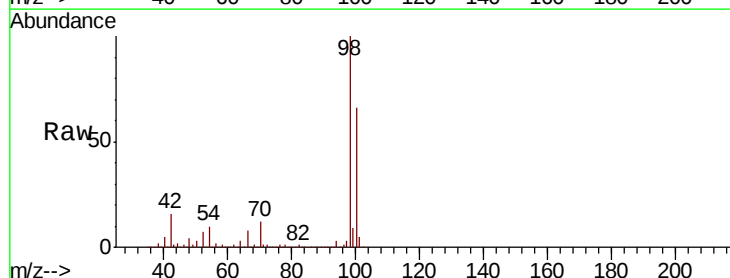
Acq: 27 Jun 2019 21:19

Tgt Ion: 98 Resp: 448715

Ion Ratio Lower Upper

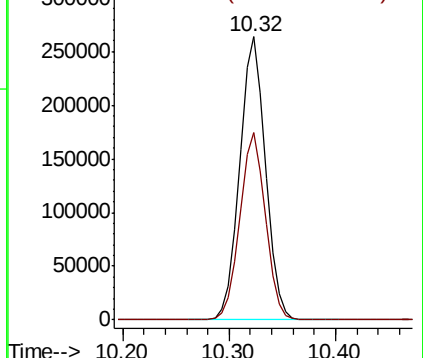
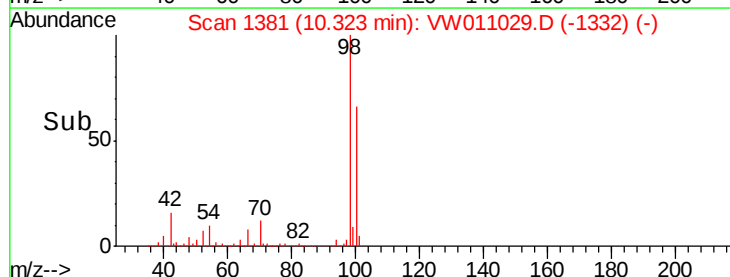
98 100

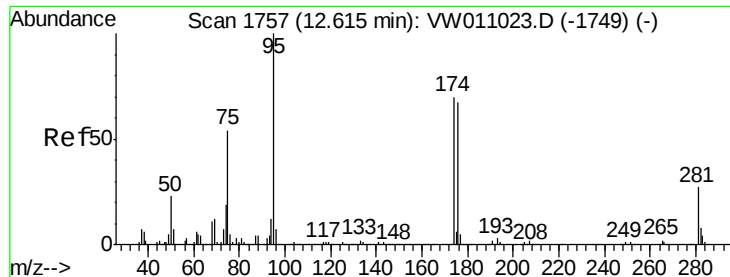
100 65.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 50.660 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011029.D

Acq: 27 Jun 2019 21:19

Instrument :

MSVOA_W

ClientSampled :

VW0628SBL01

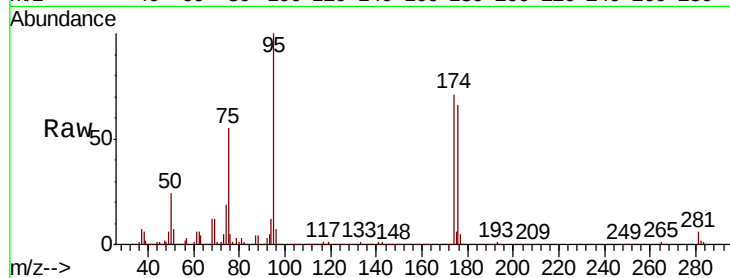
Tot Ion: 95 Resp: 164738

Ion Ratio Lower Upper

95 100

174 74.7 0.0 149.2

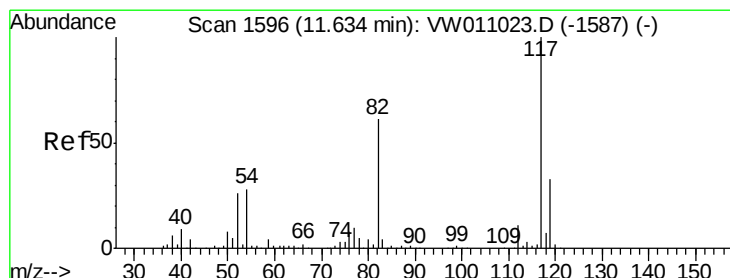
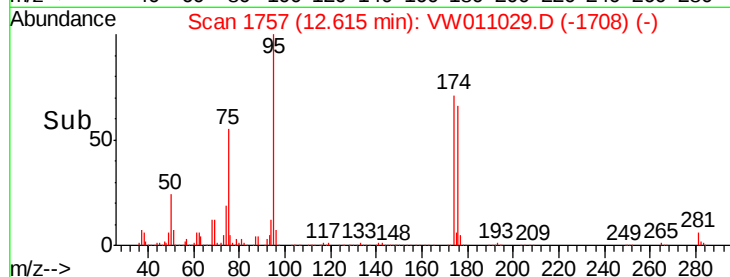
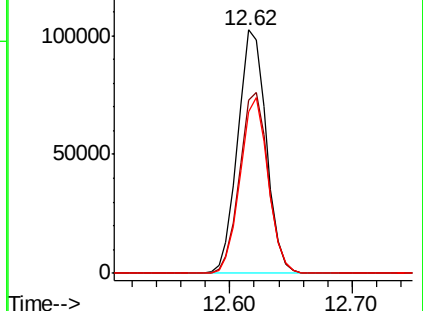
176 71.1 0.0 143.6



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: VW011029.D

Acq: 27 Jun 2019 21:19

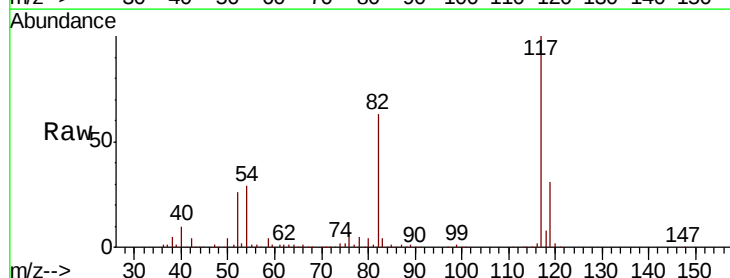
Tgt Ion: 117 Resp: 319844

Ion Ratio Lower Upper

117 100

82 63.3 48.6 73.0

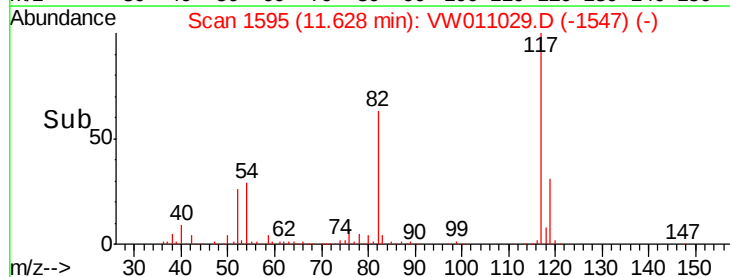
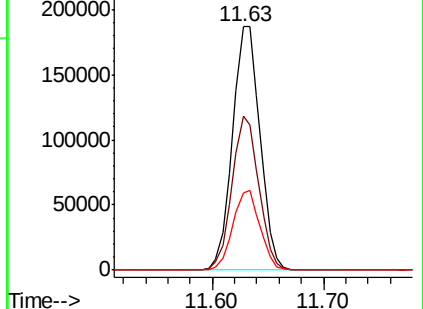
119 31.5 26.1 39.1

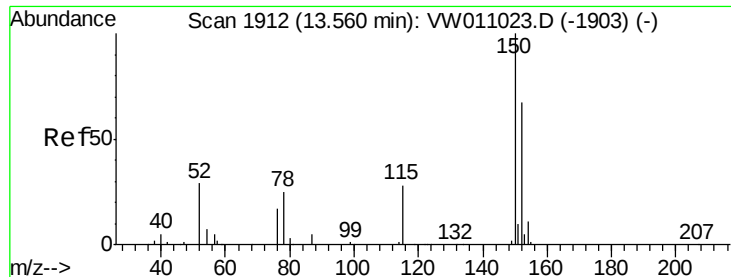


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



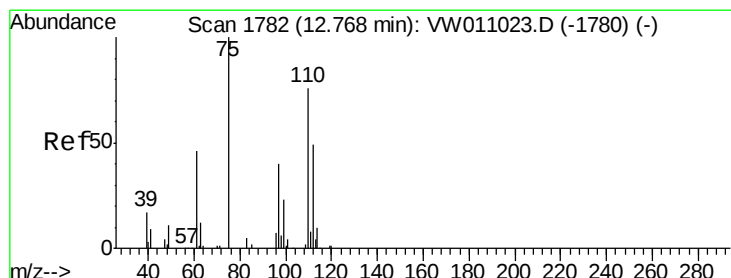
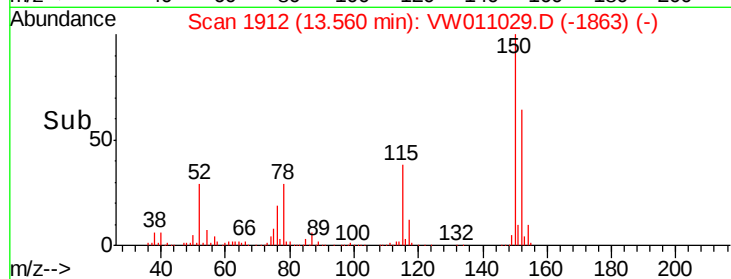
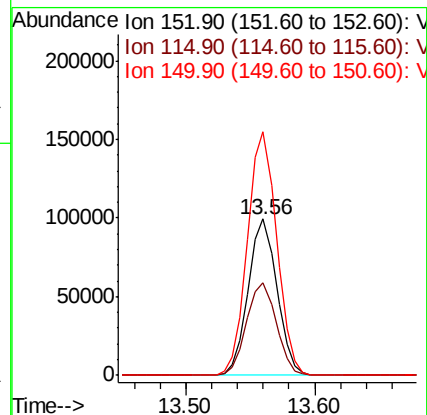
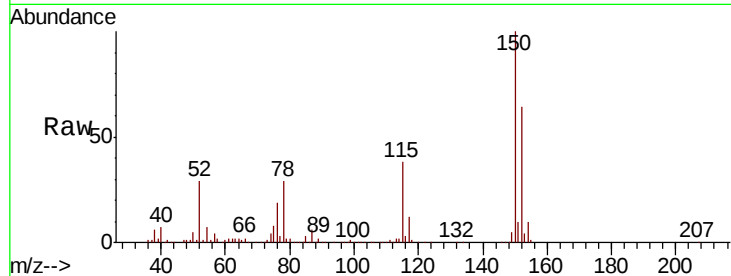


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011029.D
Acq: 27 Jun 2019 21:19

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBL01

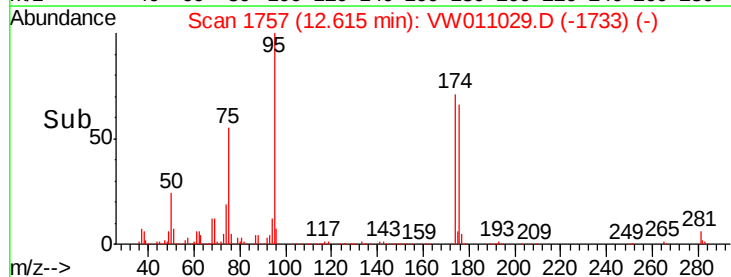
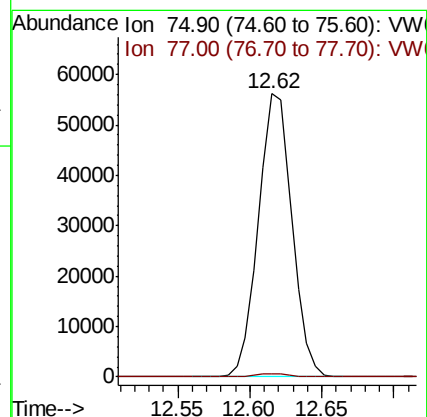
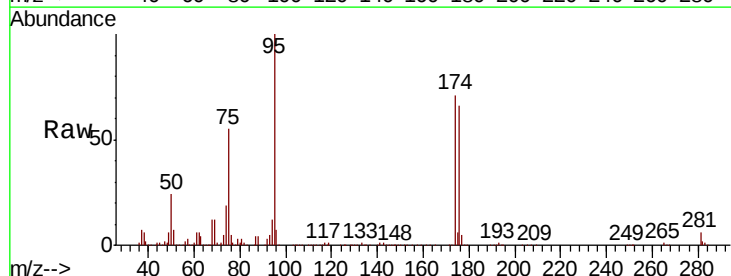
Tot Ion	Ratio	Lower	Upper
152	100		
115	61.6	30.7	92.1
150	158.4	0.0	341.8

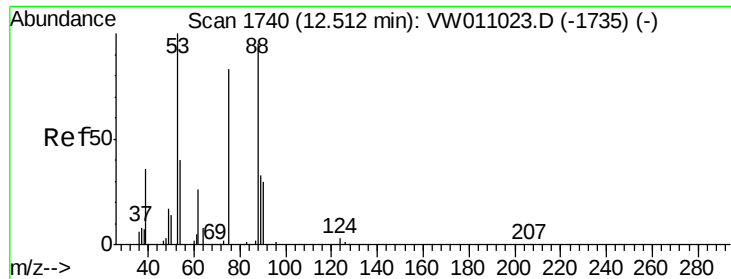


#76

1,2,3-Trichloropropane
Concen: 55.904 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011029.D
Acq: 27 Jun 2019 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 113.292 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011029.D

Acq: 27 Jun 2019 21:19

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBL01

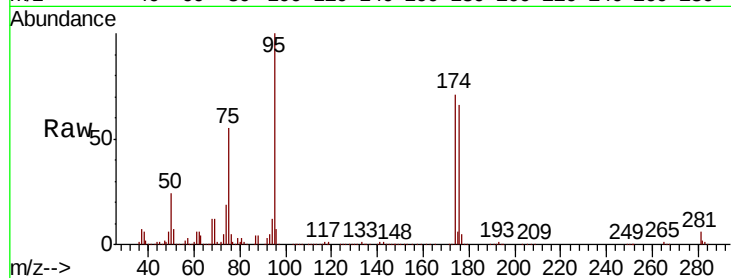
Tot Ion: 75 Resp: 90408

Ion Ratio Lower Upper

75 100

53 0.0 95.6 143.4#

89 0.0 34.4 51.6#



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

