

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
 Data File : VW007725.D
 Acq On : 20 Dec 2018 04:40
 Operator : SY/AP
 Sample : J6388-17
 Misc : 6.24G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS011-1824-01

Quant Time: Dec 20 06:56:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	77967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	130992	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	41742	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	35444	41.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.96%	
35) Dibromofluoromethane	7.88	113	33031	41.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	82.66%	
50) Toluene-d8	10.32	98	111927	37.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.30%	
62) 4-Bromofluorobenzene	12.62	95	38049	32.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	65.38%	

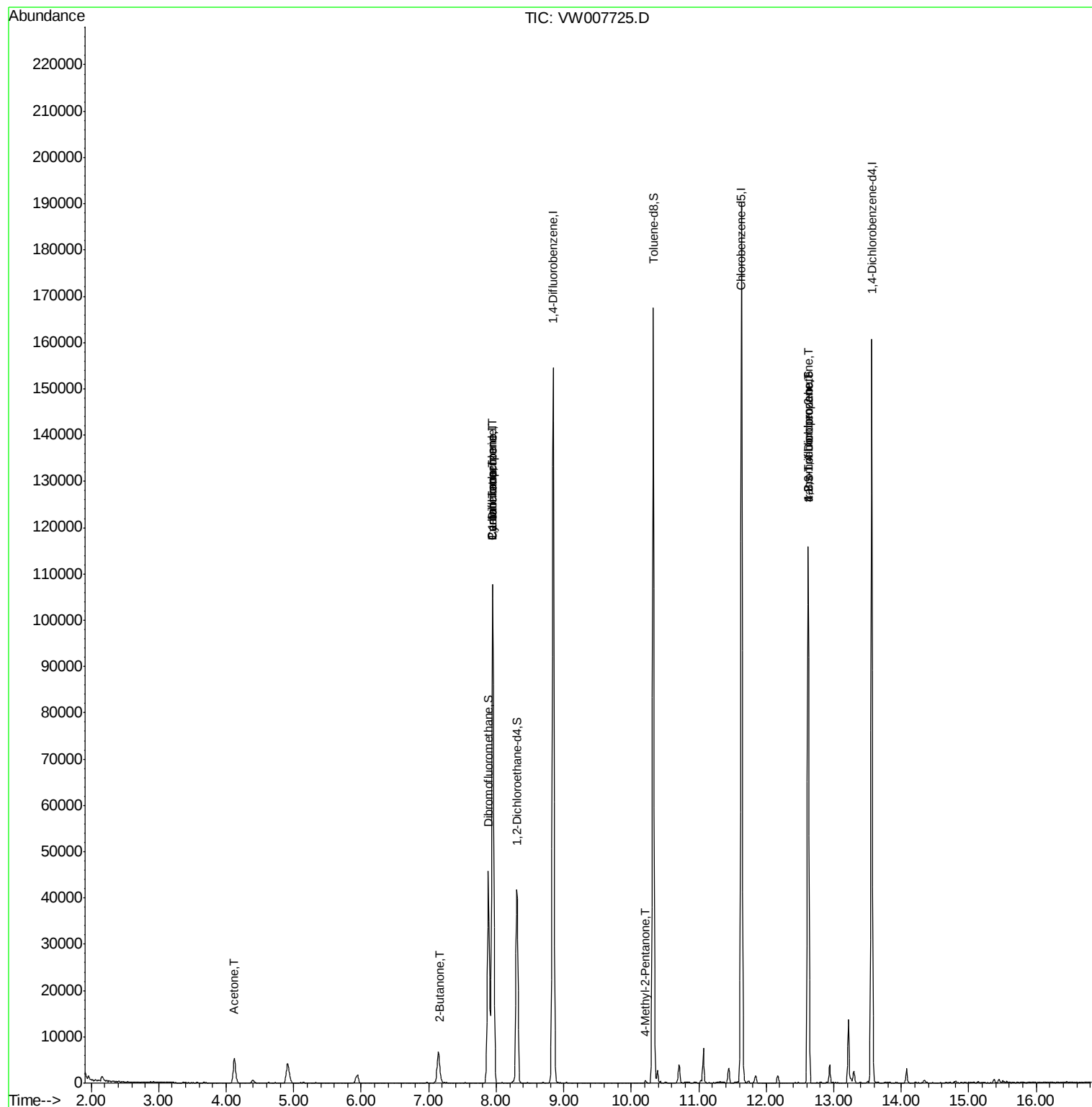
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	9391	58.685	ug/l	96
20) Methylene Chloride	4.92	84	3664	Below Cal		91
25) 2-Butanone	7.17	43	965	5.148	ug/l #	85
31) Cyclohexane	7.95	56	1582	1.244	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	5886	4.656	ug/l #	50
38) Carbon Tetrachloride	7.95	117	8262	5.549	ug/l #	14
51) 4-Methyl-2-Pentanone	10.21	43	458	1.109	ug/l #	78
76) 1,2,3-Trichloropropane	12.62	75	19259	59.694	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	19259	125.303	ug/l #	9

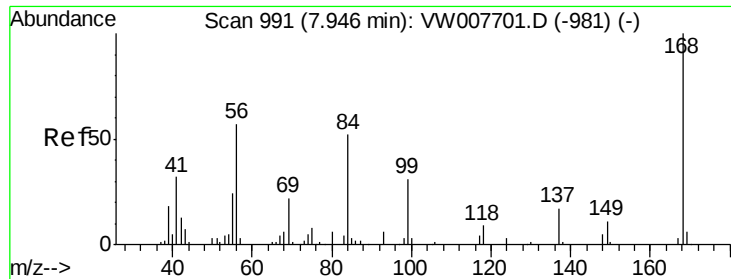
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
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Quant Time: Dec 20 06:56:11 2018
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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007725.D

Acq: 20 Dec 2018 04:40

Instrument :

MSVOA_W

ClientSampleId :

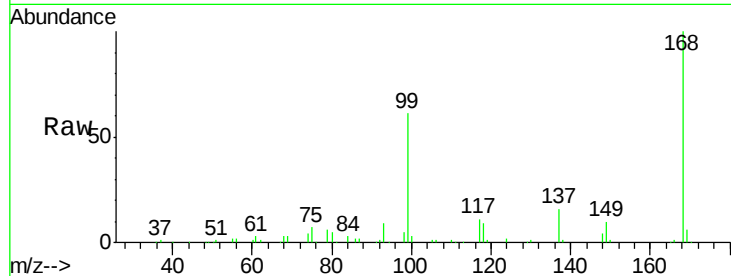
P001-SS011-1824-01

Tgt Ion: 168 Resp: 77967

Ion Ratio Lower Upper

168 100

99 61.5 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

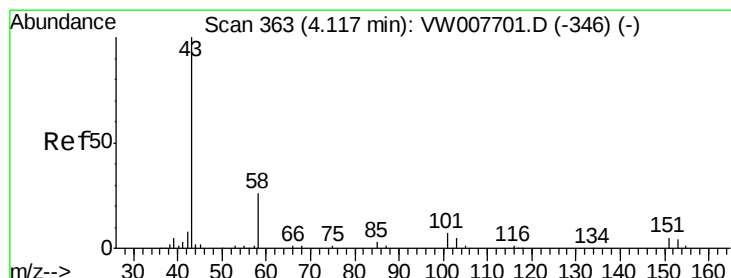
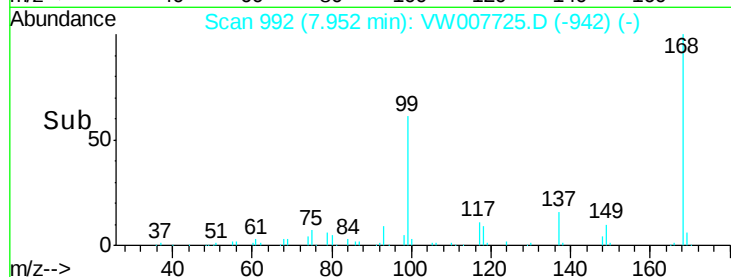
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 58.685 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007725.D

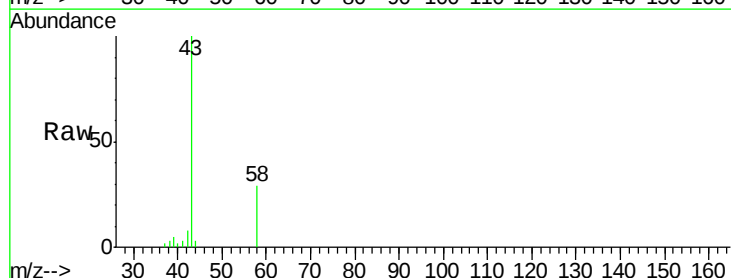
Acq: 20 Dec 2018 04:40

Tgt Ion: 43 Resp: 9391

Ion Ratio Lower Upper

43 100

58 28.5 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

3000

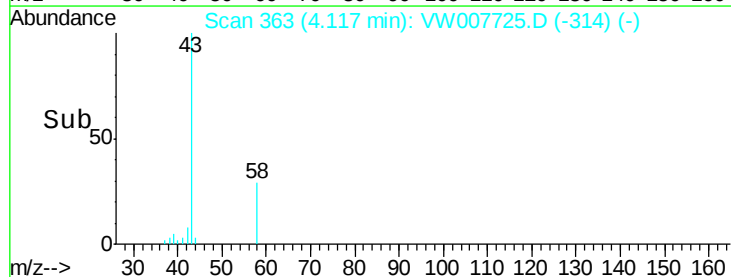
2000

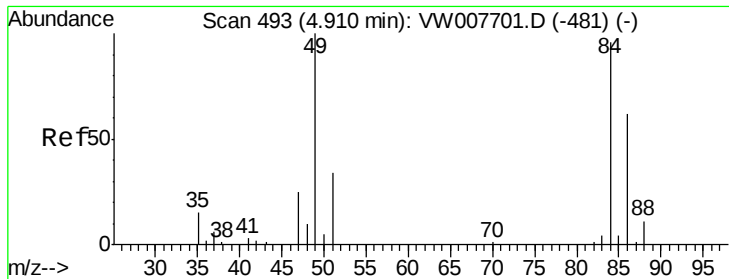
1000

0

4.00 4.10 4.20

Time-->

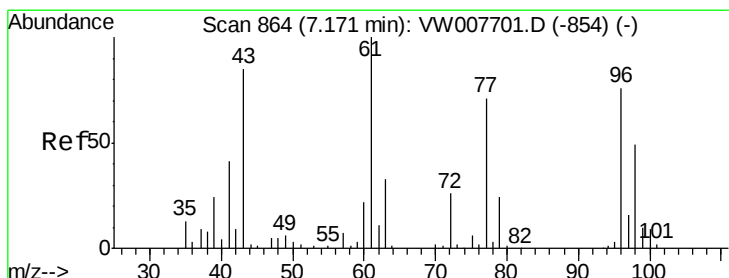
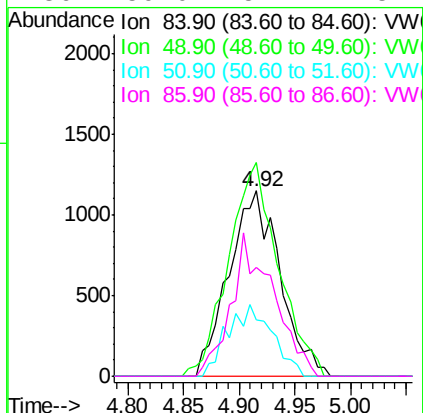
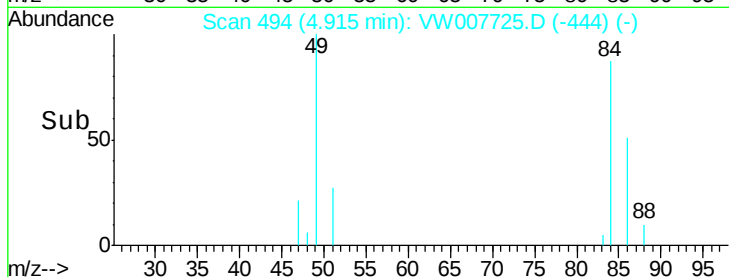
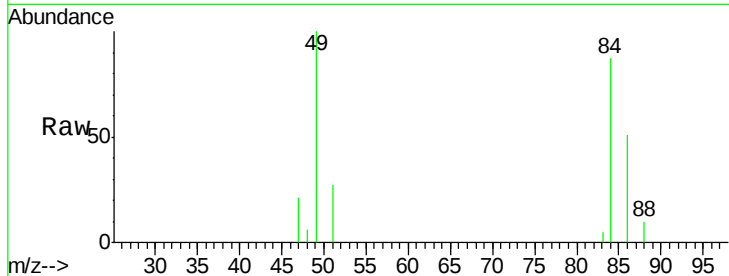




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007725.D
Acq: 20 Dec 2018 04:40

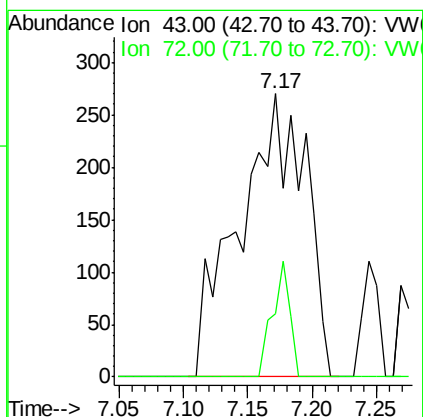
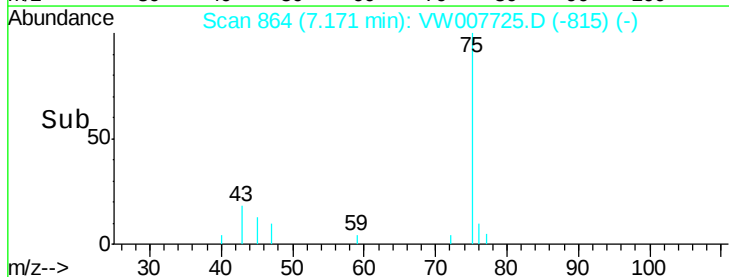
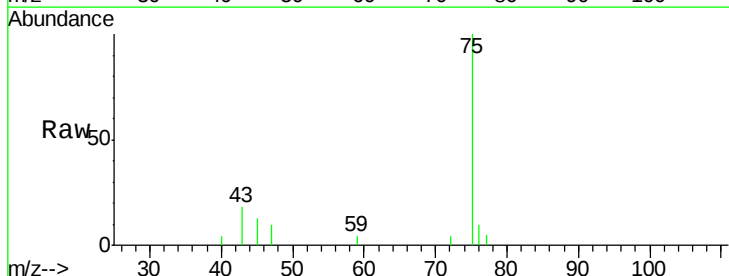
Instrument :
MSVOA_W
ClientSampleId :
P001-SS011-1824-01

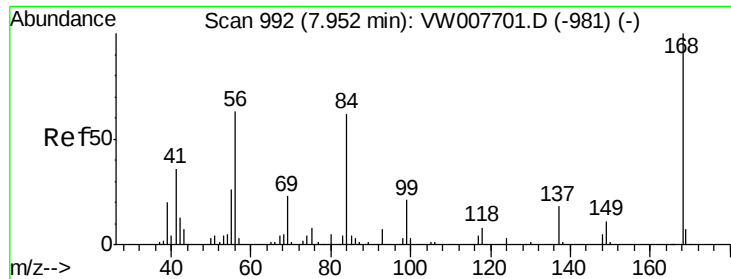
Tgt Ion:	84	Resp:	3664
Ion	Ratio	Lower	Upper
84	100		
49	115.3	83.7	125.5
51	30.7	28.2	42.2
86	59.0	52.2	78.2



#25
2-Butanone
Concen: 5.148 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007725.D
Acq: 20 Dec 2018 04:40

Tgt Ion:	43	Resp:	965
Ion	Ratio	Lower	Upper
43	100		
72	22.2	24.5	36.7#

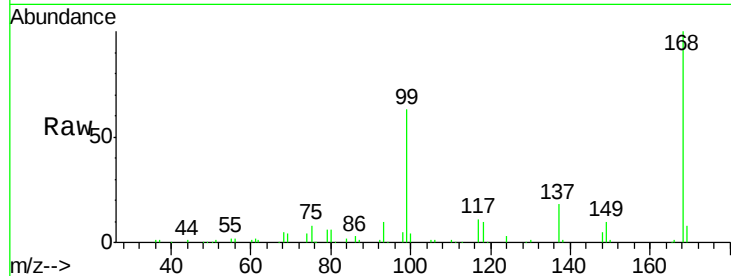




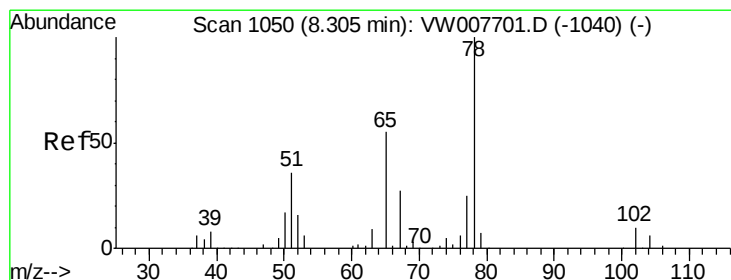
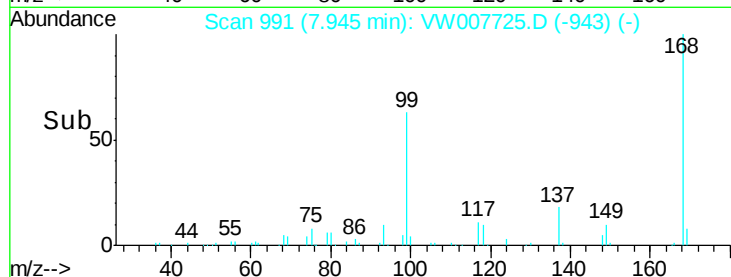
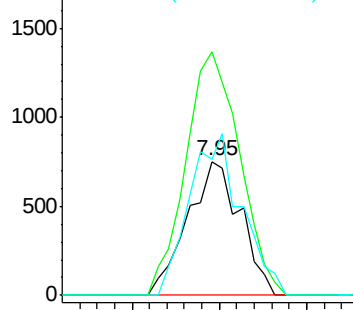
#31
Cyclohexane
Concen: 1.244 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007725.D
Acq: 20 Dec 2018 04:40

Instrument :
MSVOA_W
ClientSampleId :
P001-SS011-1824-01

Tgt Ion: 56 Resp: 1582
Ion Ratio Lower Upper
56 100
69 181.9 29.7 44.5#
84 101.7 78.9 118.3

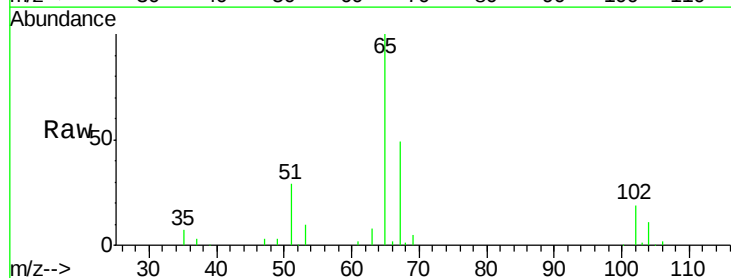


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

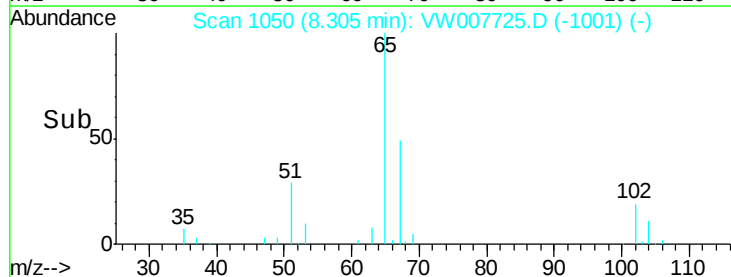
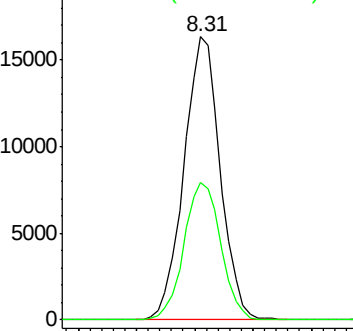


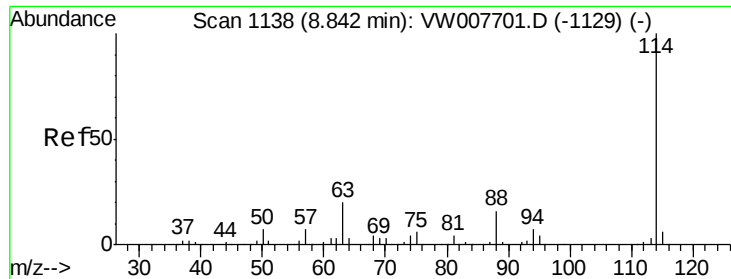
#33
1,2-Dichloroethane-d4
Concen: 41.477 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007725.D
Acq: 20 Dec 2018 04:40

Tgt Ion: 65 Resp: 35444
Ion Ratio Lower Upper
65 100
67 49.2 0.0 100.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

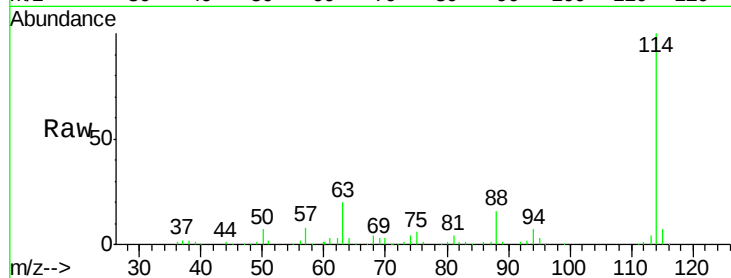




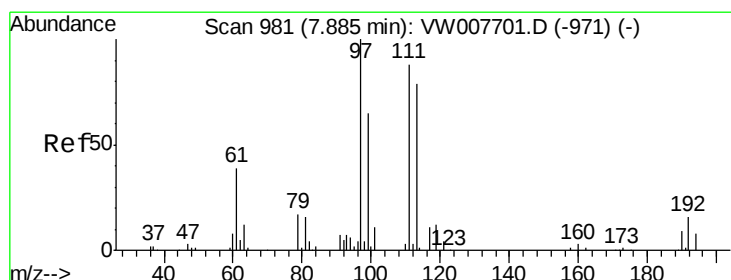
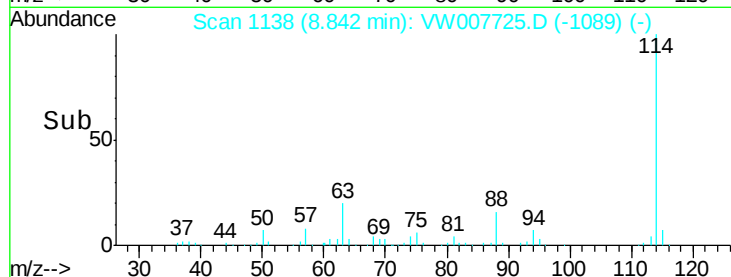
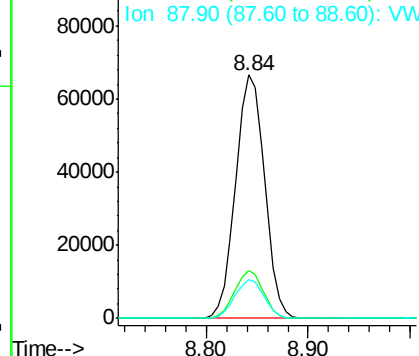
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007725.D
 Acq: 20 Dec 2018 04:40

Instrument :
 MSVOA_W
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 P001-SS011-1824-01

Tgt Ion:114 Resp: 130992
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 16.2 0.0 32.6

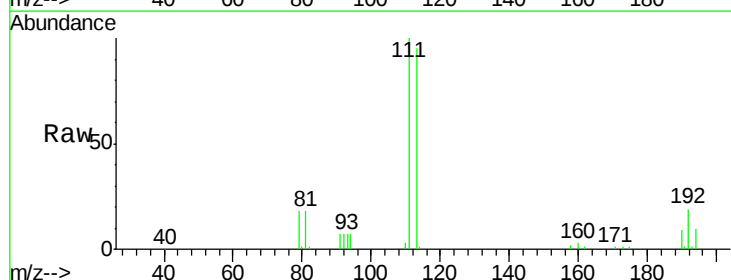


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

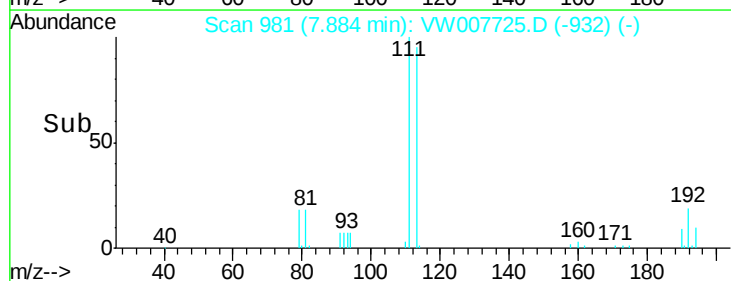
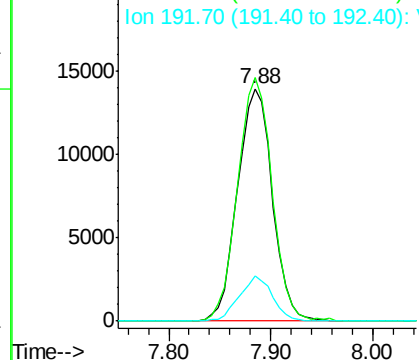


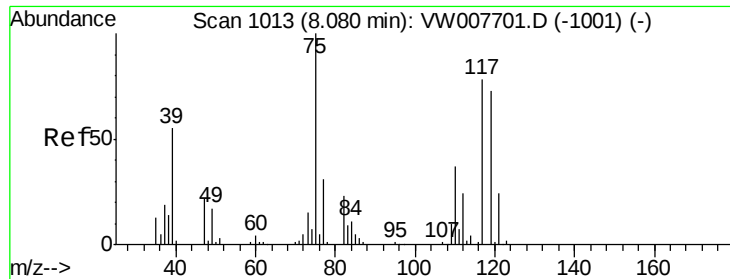
#35
 Dibromofluoromethane
 Concen: 41.334 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007725.D
 Acq: 20 Dec 2018 04:40

Tgt Ion:113 Resp: 33031
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.6 124.0
 192 18.4 15.5 23.3



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: 4.656 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW007725.D

Acq: 20 Dec 2018 04:40

Instrument :

MSVOA_W

ClientSampleId :

P001-SS011-1824-01

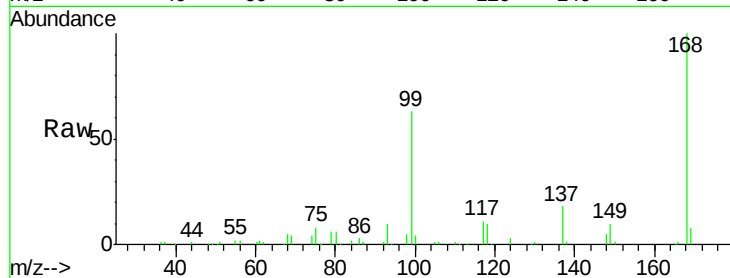
Tgt Ion: 75 Resp: 5886

Ion Ratio Lower Upper

75 100

110 11.1 18.6 55.8#

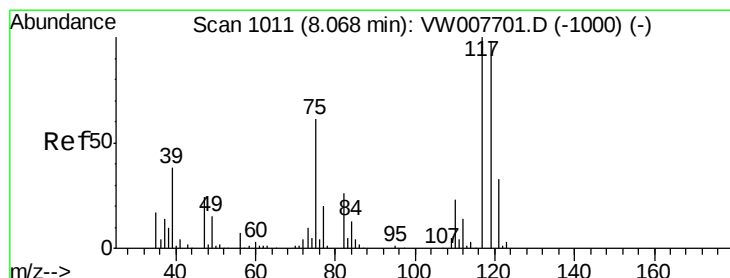
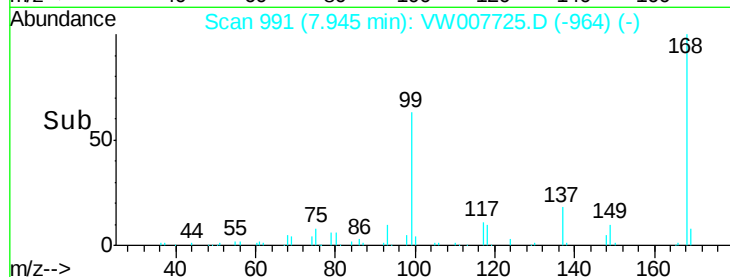
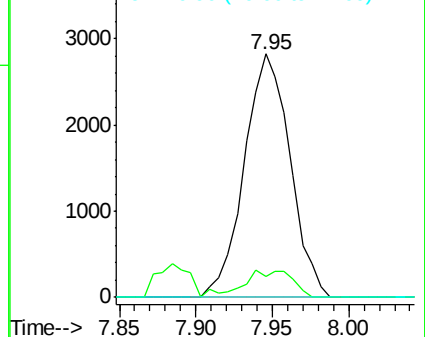
77 0.0 25.0 37.4#



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: 5.549 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007725.D

Acq: 20 Dec 2018 04:40

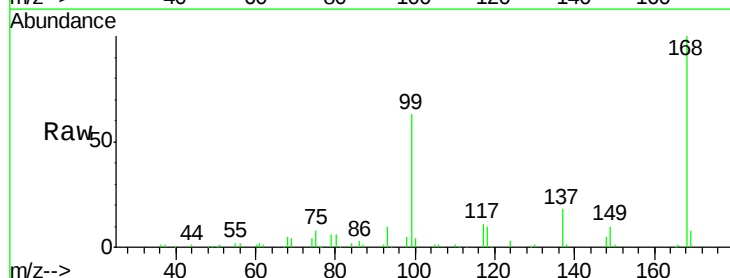
Tgt Ion: 117 Resp: 8262

Ion Ratio Lower Upper

117 100

119 3.8 78.2 117.2#

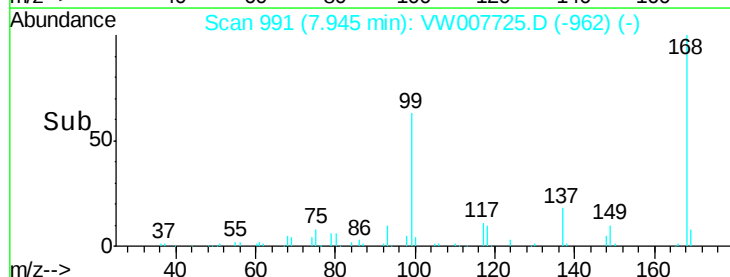
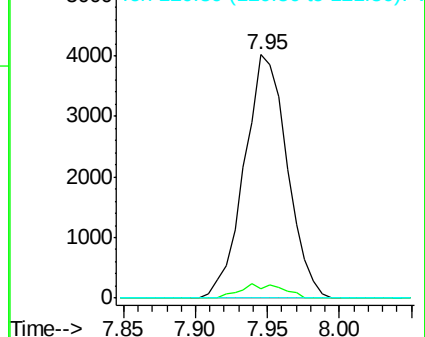
121 0.0 26.1 39.1#

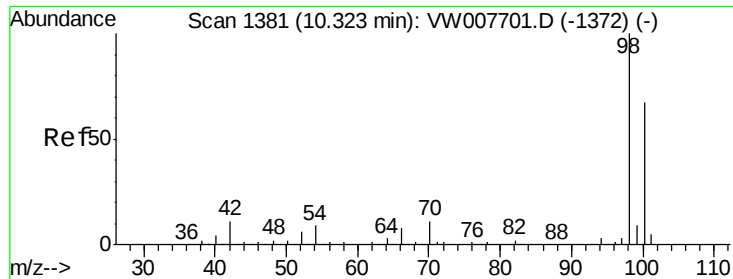


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 37.153 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007725.D

Acq: 20 Dec 2018 04:40

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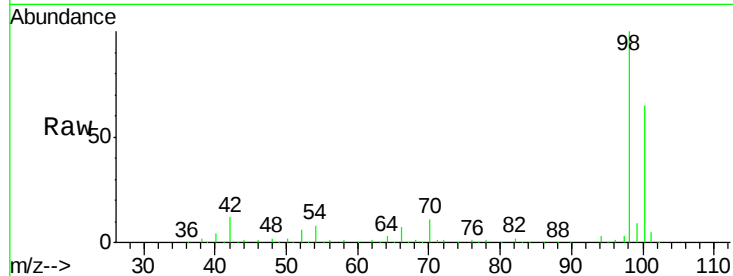
P001-SS011-1824-01

Tgt Ion: 98 Resp: 111927

Ion Ratio Lower Upper

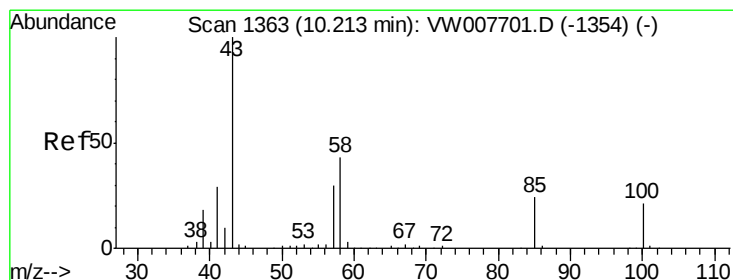
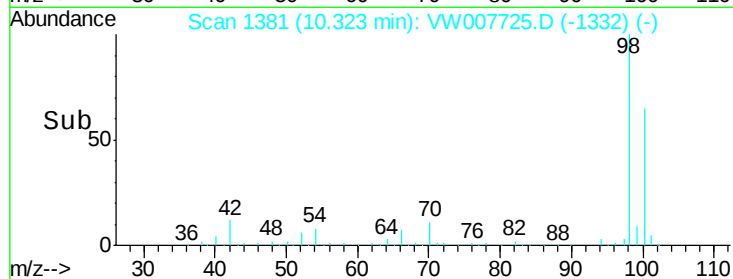
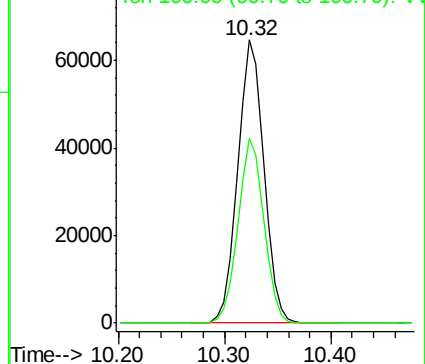
98 100

100 64.4 52.2 78.2



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: 1.109 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007725.D

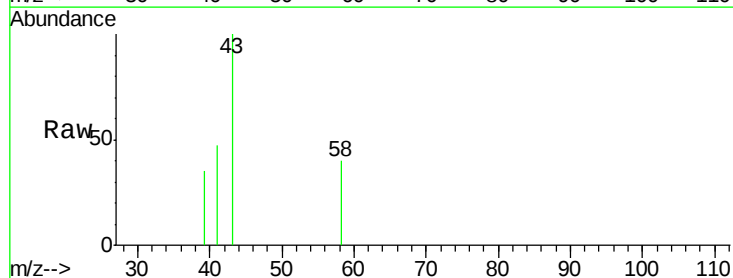
Acq: 20 Dec 2018 04:40

Tgt Ion: 43 Resp: 458

Ion Ratio Lower Upper

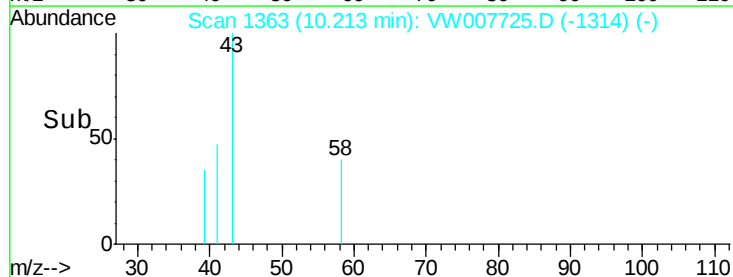
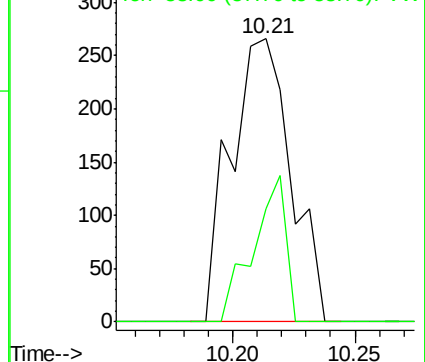
43 100

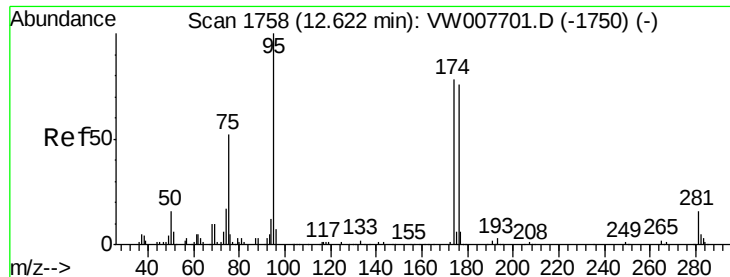
58 27.9 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 32.693 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007725.D

Acq: 20 Dec 2018 04:40

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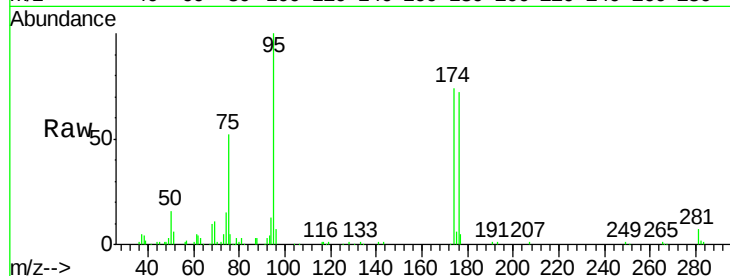
Tgt Ion: 95 Resp: 38049

Ion Ratio Lower Upper

95 100

174 75.5 0.0 152.2

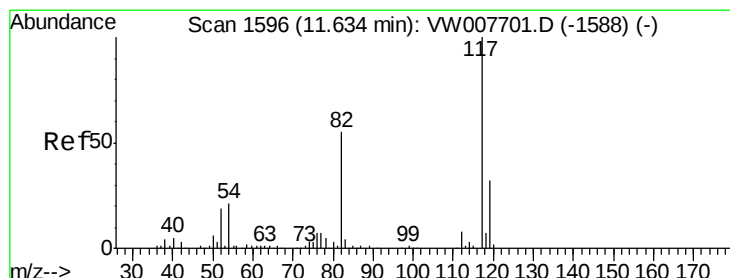
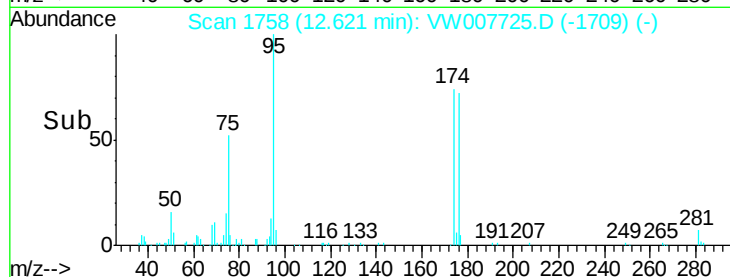
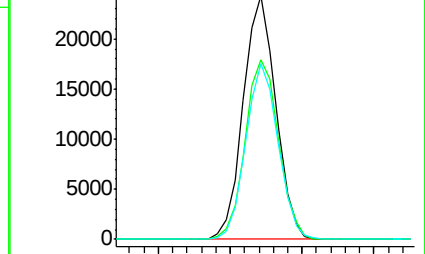
176 71.4 0.0 146.8



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# 1596

Delta R.T. -0.00 min

Lab File: VW007725.D

Acq: 20 Dec 2018 04:40

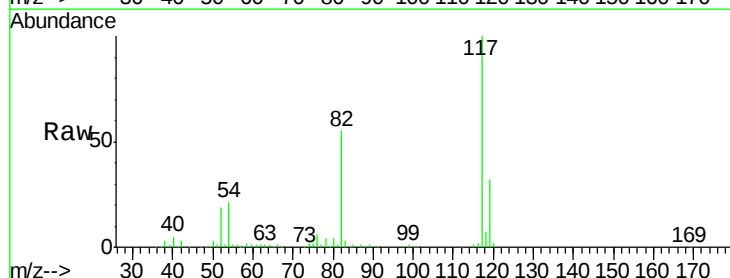
Tgt Ion: 117 Resp: 107236

Ion Ratio Lower Upper

117 100

82 55.2 44.3 66.5

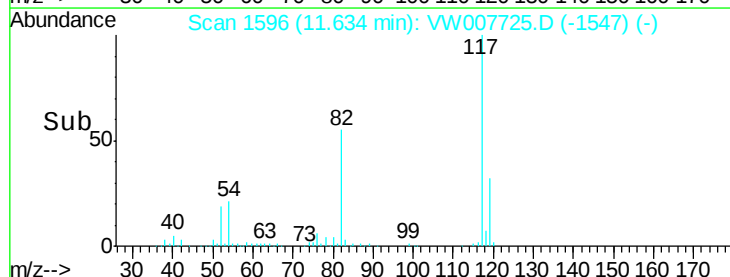
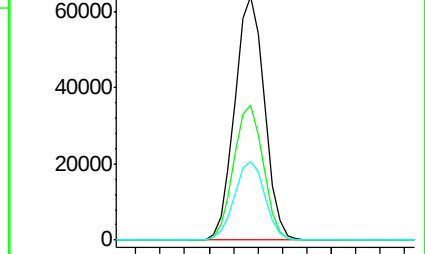
119 32.5 25.7 38.5

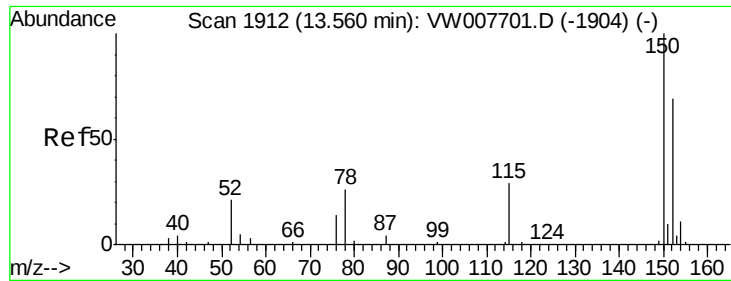


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW007725.D

Acq: 20 Dec 2018 04:40

Instrument :

MSVOA_W

ClientSampleId :

P001-SS011-1824-01

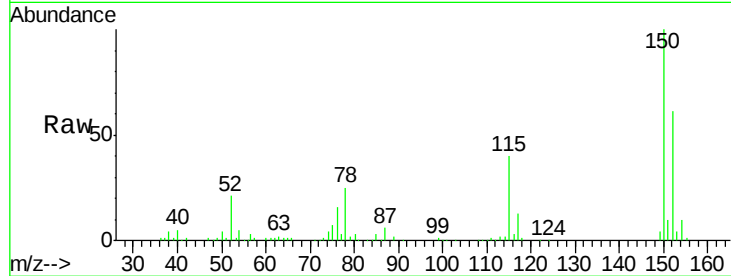
Tgt Ion:152 Resp: 41742

Ion Ratio Lower Upper

152 100

115 62.9 31.8 95.4

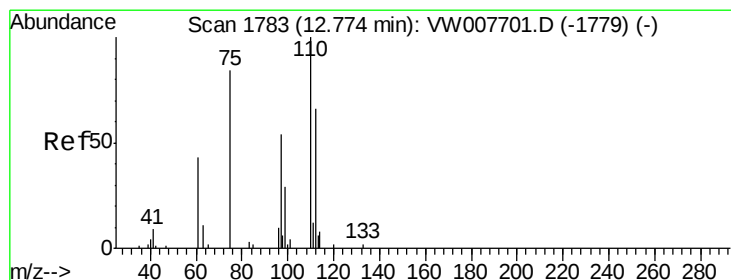
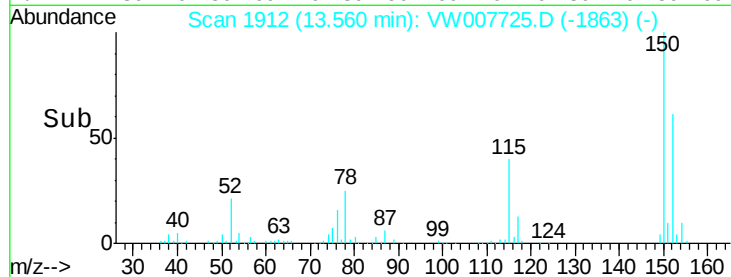
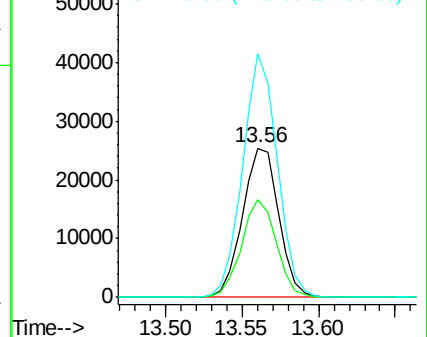
150 155.6 0.0 350.8



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: 59.694 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007725.D

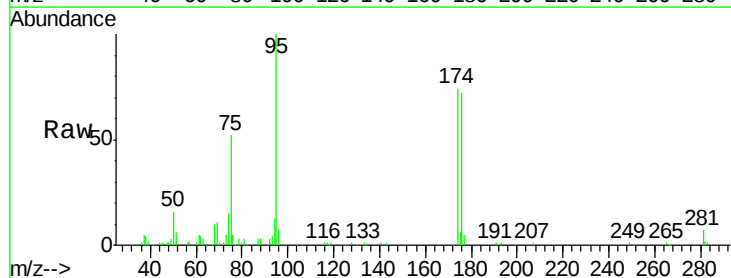
Acq: 20 Dec 2018 04:40

Tgt Ion: 75 Resp: 19259

Ion Ratio Lower Upper

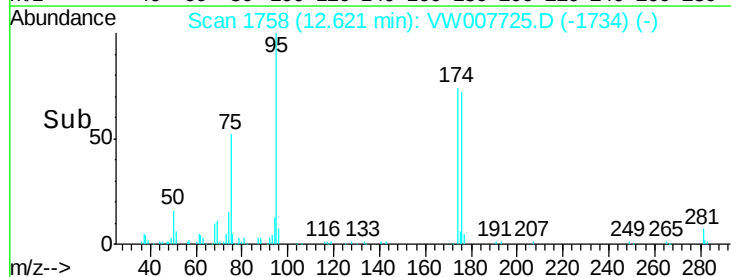
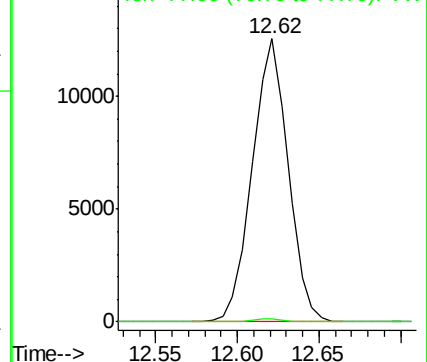
75 100

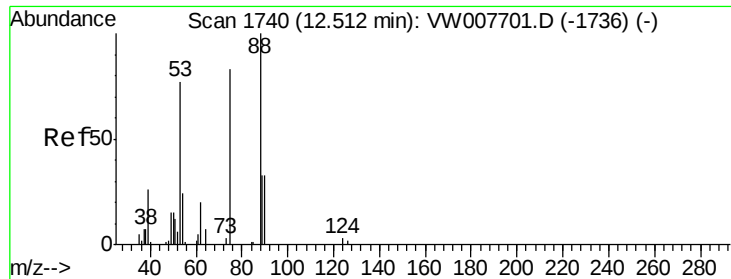
77 0.7 0.0 0.0#



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: 125.303 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007725.D

Acq: 20 Dec 2018 04:40

Instrument :

MSVOA_W

ClientSampleId :

P001-SS011-1824-01

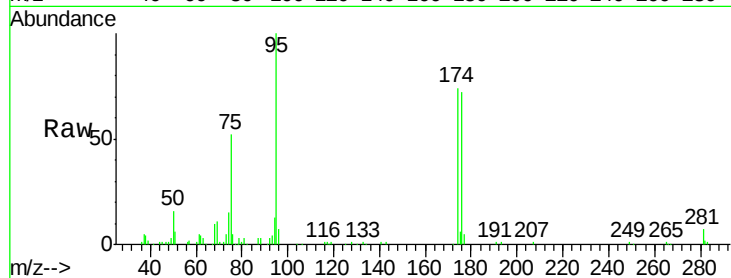
Tgt Ion: 75 Resp: 19259

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#



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

