

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006612.D
 Acq On : 02 Nov 2018 20:00
 Operator : SY/AP
 Sample : J5192-05RE
 Misc : 4.41G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-103118-A

Quant Time: Nov 03 00:27:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

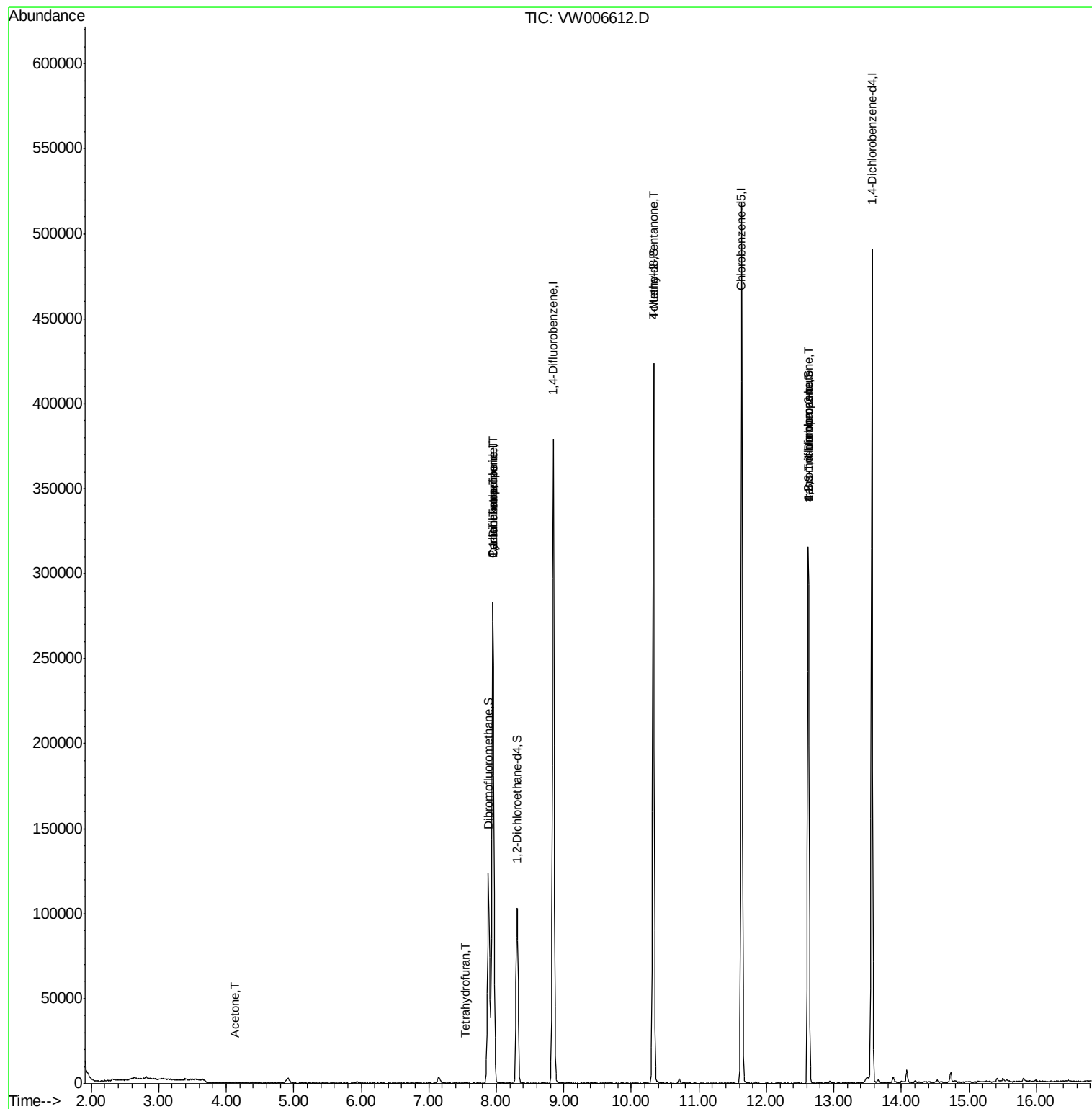
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	343193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	137133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	82638	41.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.32%	
35) Dibromofluoromethane	7.88	113	87206	40.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.98%	
50) Toluene-d8	10.33	98	293651	35.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.62%	
62) 4-Bromofluorobenzene	12.62	95	96439	32.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.88%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	1003	3.132	ug/l	95
20) Methylene Chloride	4.92	84	2802	Below Cal		92
29) Tetrahydrofuran	7.54	42	318	1.106	ug/l #	48
31) Cyclohexane	7.95	56	3841	1.216	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14515	4.809	ug/l #	48
38) Carbon Tetrachloride	7.95	117	20181	6.399	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1188	1.108	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	46894	43.828	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	46894	110.123	ug/l #	11

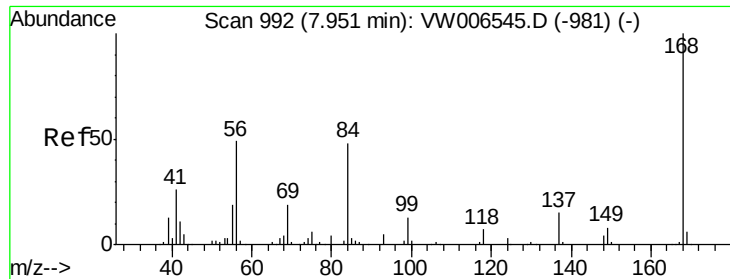
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006612.D

Acq: 02 Nov 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

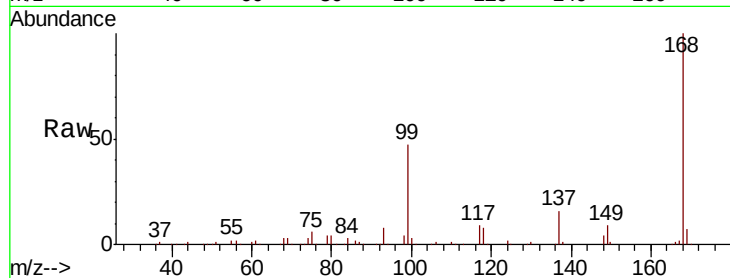
AU-05-103118-A

Tgt Ion:168 Resp: 230765

Ion Ratio Lower Upper

168 100

99 47.4 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

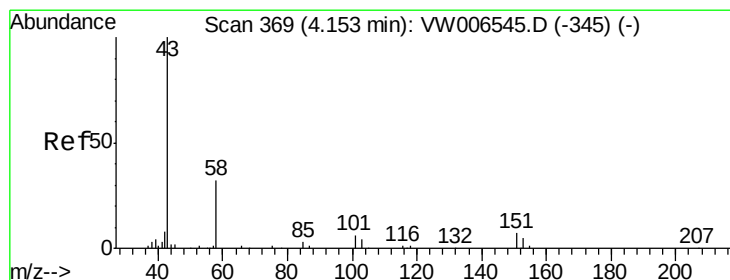
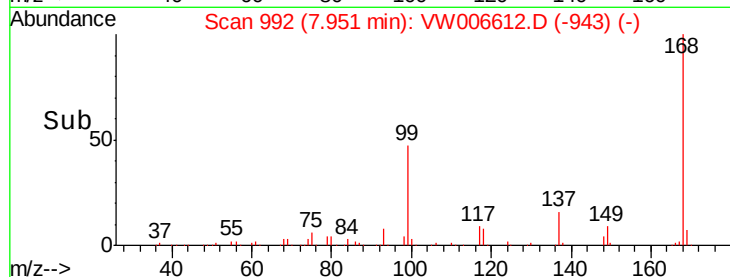
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 3.132 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW006612.D

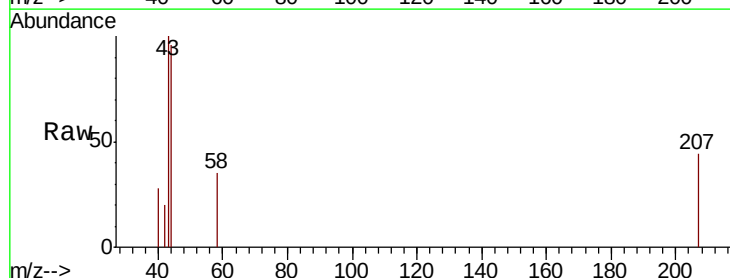
Acq: 02 Nov 2018 20:00

Tgt Ion: 43 Resp: 1003

Ion Ratio Lower Upper

43 100

58 35.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

300

250

200

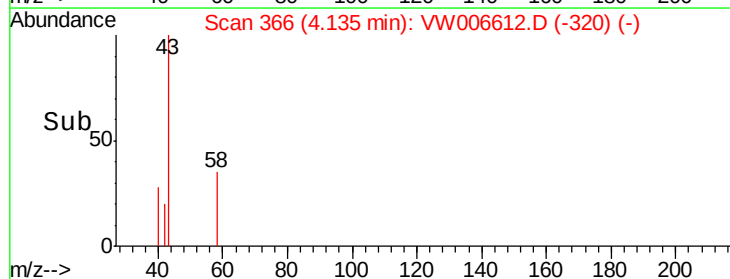
150

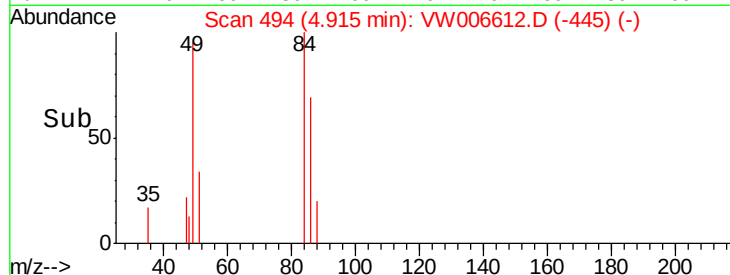
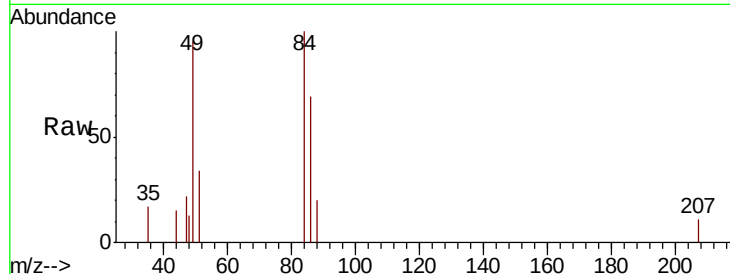
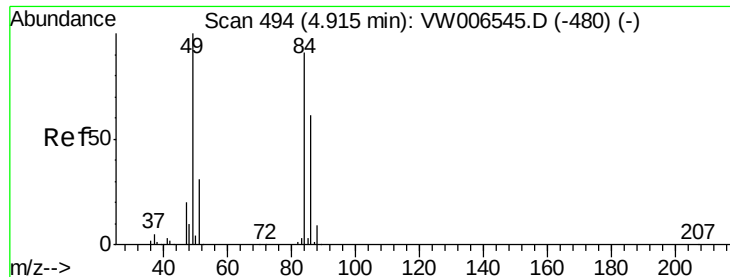
100

50

0

Time-->

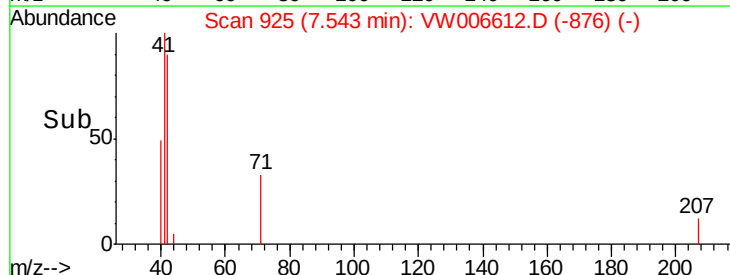
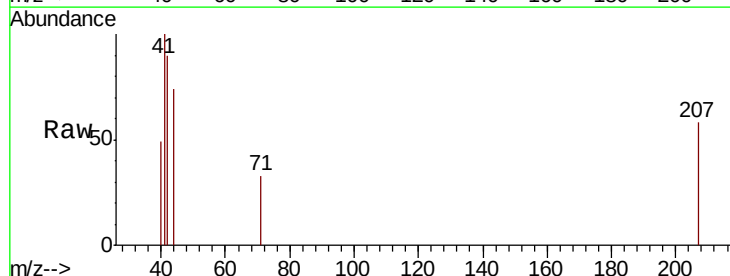
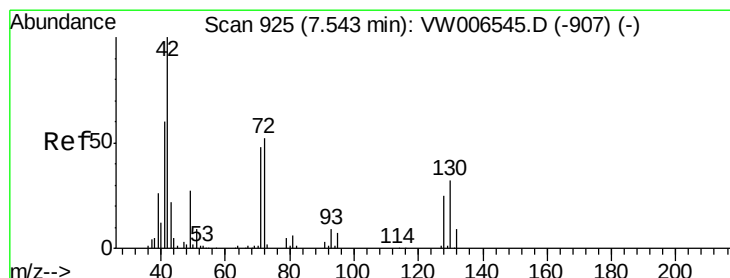
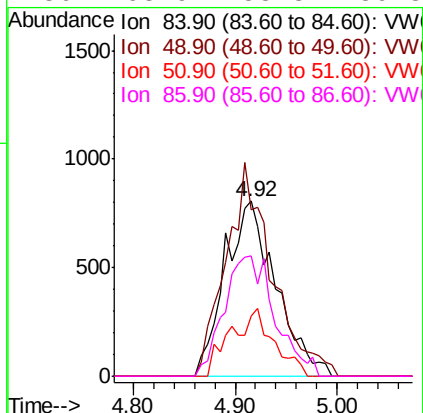




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006612.D
Acq: 02 Nov 2018 20:00

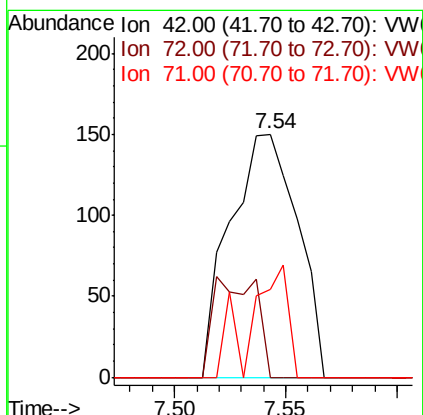
Instrument :
MSVOA_W
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AU-05-103118-A

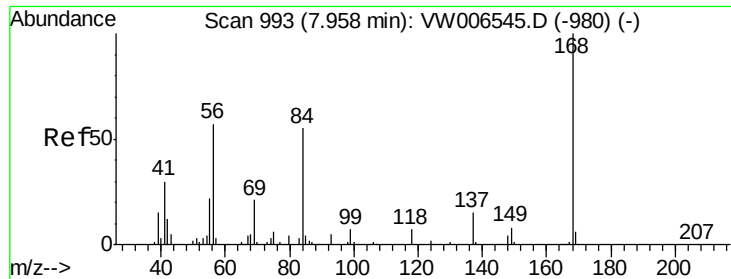
Tgt Ion:	84	Resp:	2802
Ion	Ratio	Lower	Upper
84	100		
49	95.0	88.2	132.4
51	34.5	27.0	40.6
86	68.9	53.8	80.8



#29
Tetrahydrofuran
Concen: 1.106 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006612.D
Acq: 02 Nov 2018 20:00

Tgt Ion:	42	Resp:	318
Ion	Ratio	Lower	Upper
42	100		
72	0.0	39.2	58.8#
71	26.1	37.6	56.4#

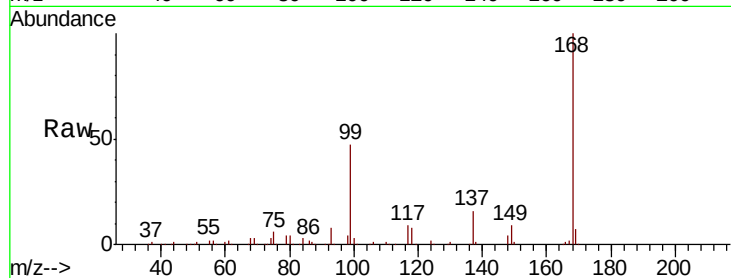




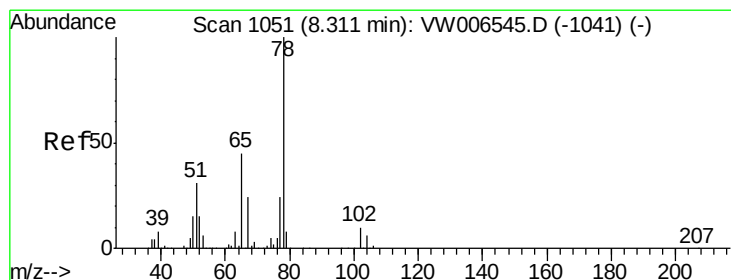
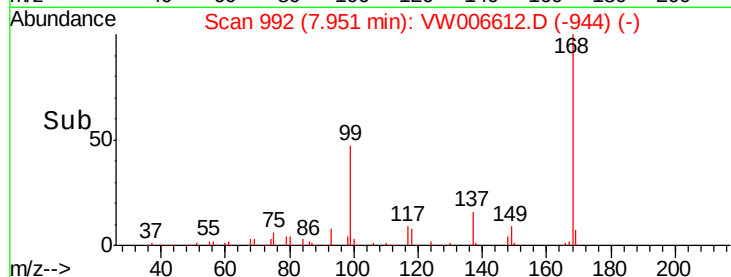
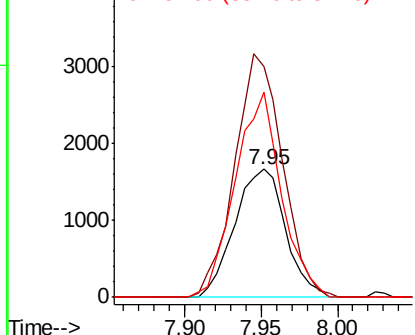
#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006612.D
Acq: 02 Nov 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
AU-05-103118-A

Tgt Ion: 56 Resp: 3841
Ion Ratio Lower Upper
56 100
69 179.4 29.0 43.4#
84 160.3 77.8 116.6#

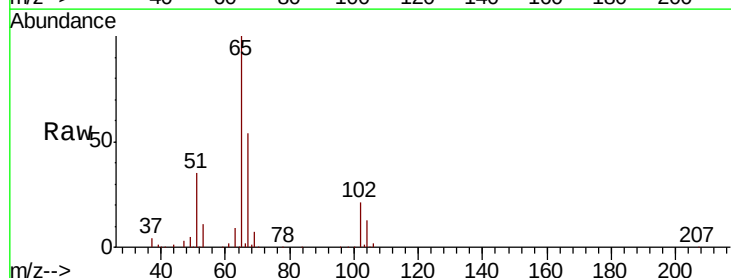


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

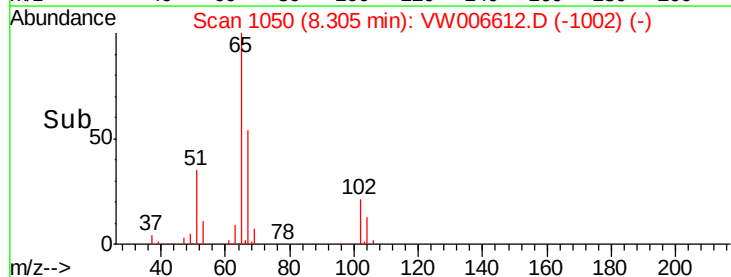
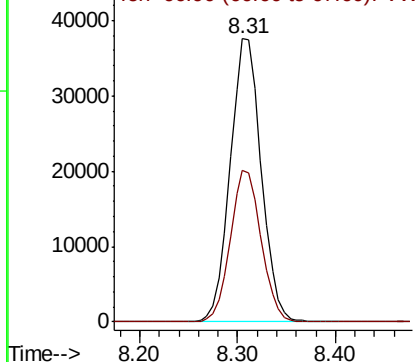


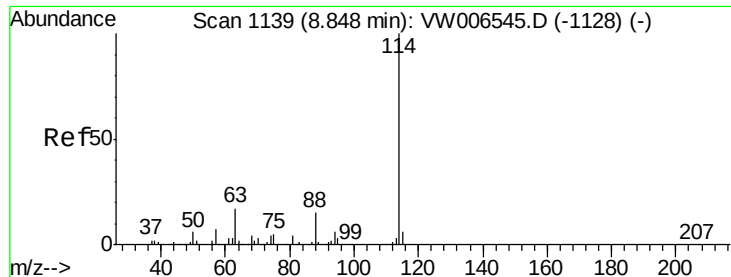
#33
1,2-Dichloroethane-d4
Concen: 41.660 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006612.D
Acq: 02 Nov 2018 20:00

Tgt Ion: 65 Resp: 82638
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.4



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: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006612.D

Acq: 02 Nov 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

AU-05-103118-A

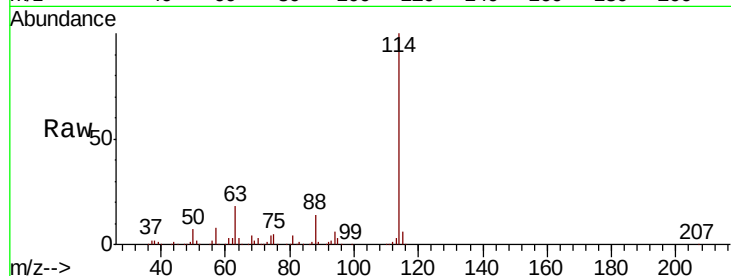
Tgt Ion:114 Resp: 343193

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

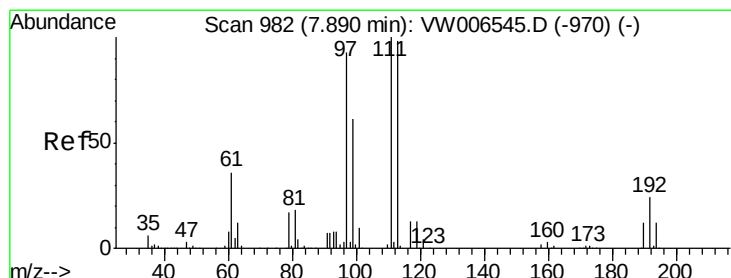
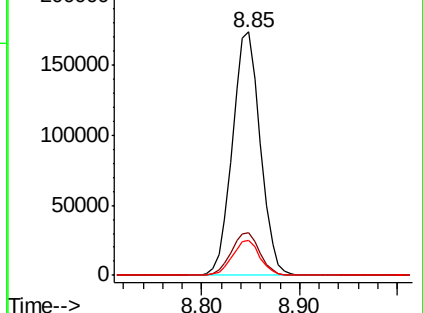
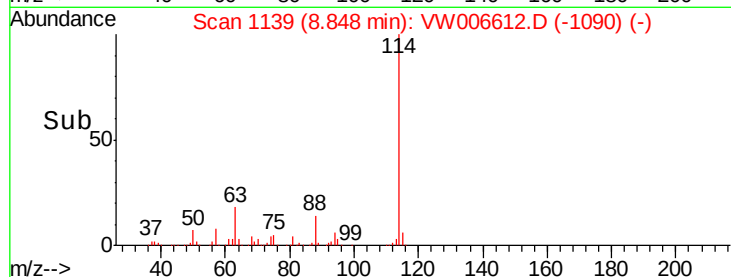
88 14.1 0.0 29.0



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: 40.489 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006612.D

Acq: 02 Nov 2018 20:00

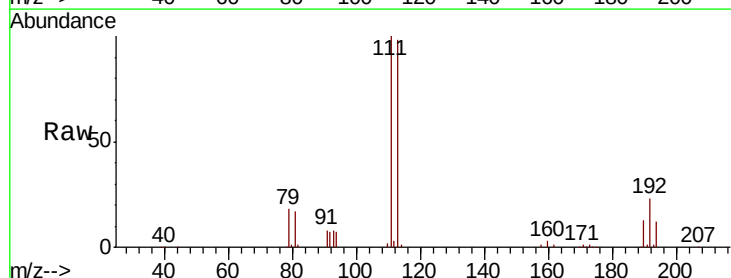
Tgt Ion:113 Resp: 87206

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

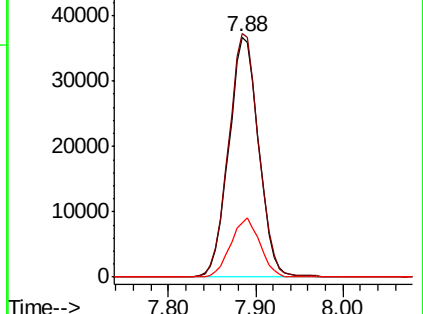
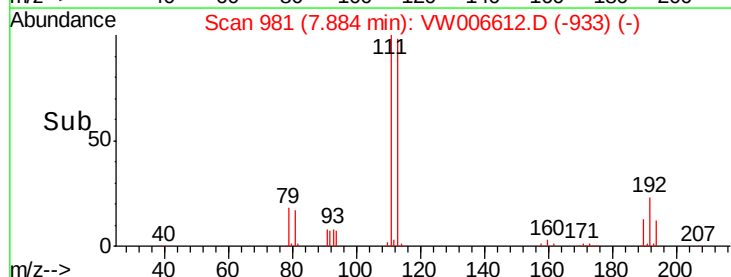
192 24.0 19.0 28.6

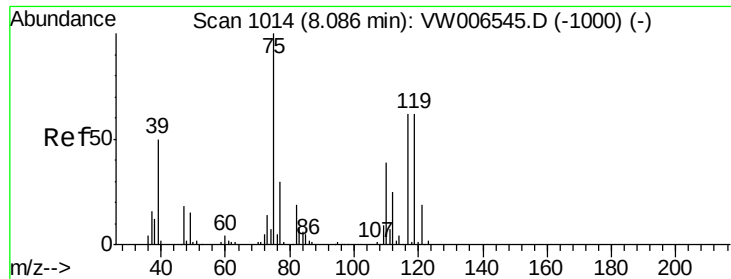


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

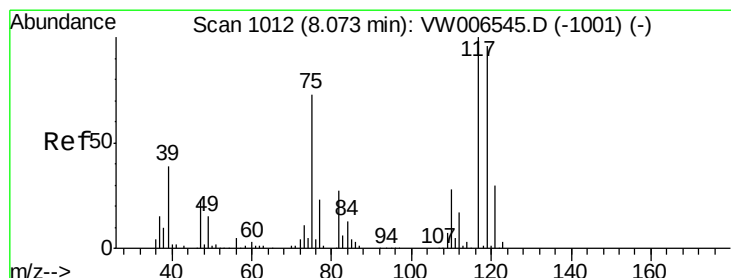
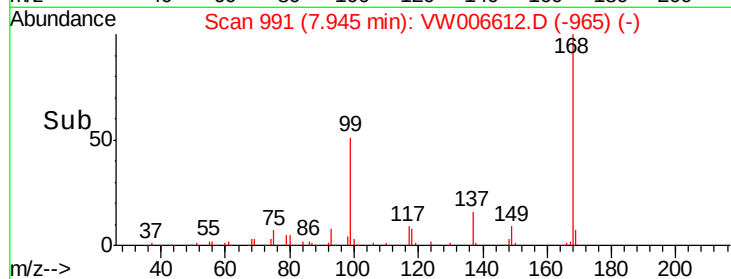
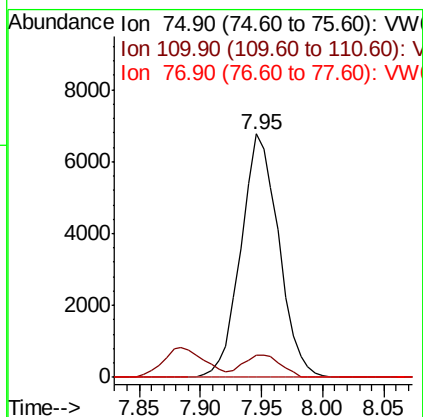
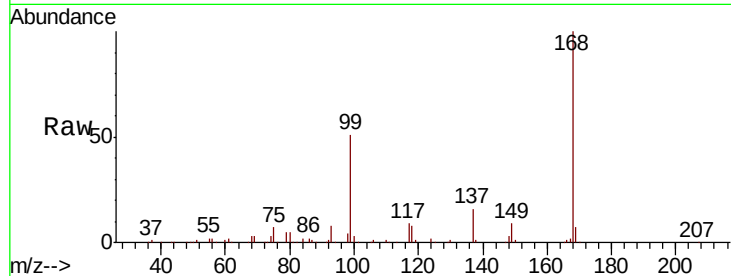




#36
 1,1-Dichloropropene
 Concen: 4.809 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006612.D
 Acq: 02 Nov 2018 20:00

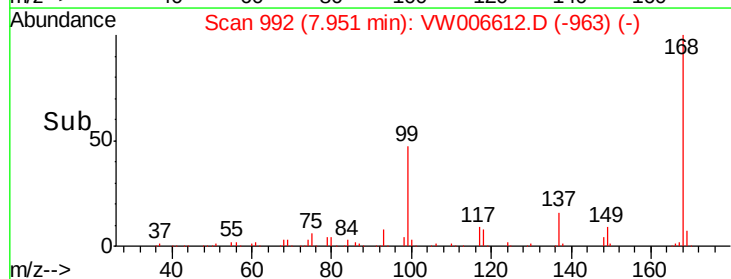
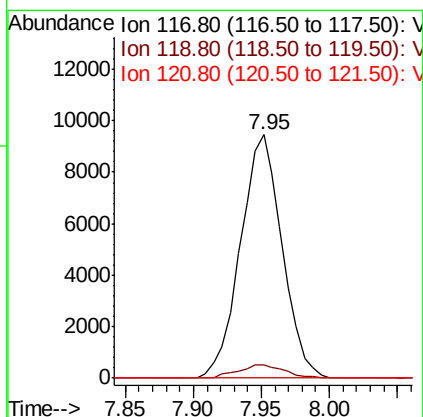
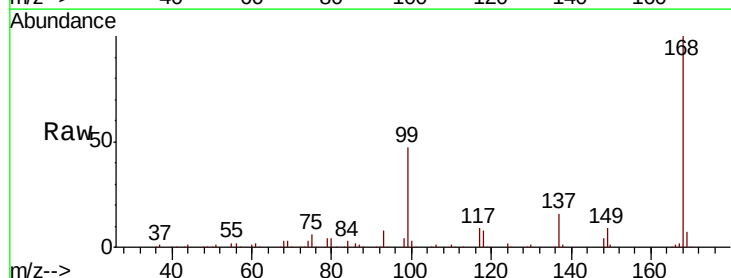
Instrument :
 MSVOA_W
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 AU-05-103118-A

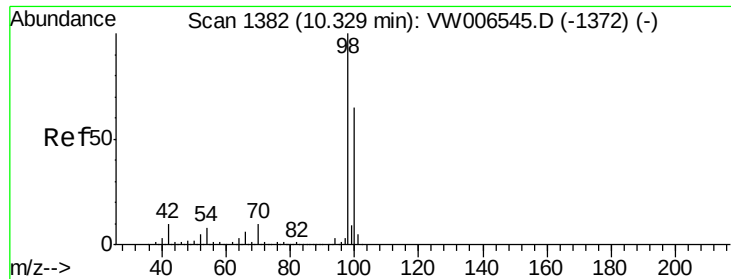
Tgt Ion: 75 Resp: 14515
 Ion Ratio Lower Upper
 75 100
 110 9.1 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.399 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006612.D
 Acq: 02 Nov 2018 20:00

Tgt Ion: 117 Resp: 20181
 Ion Ratio Lower Upper
 117 100
 119 5.5 76.3 114.5#
 121 0.0 24.1 36.1#

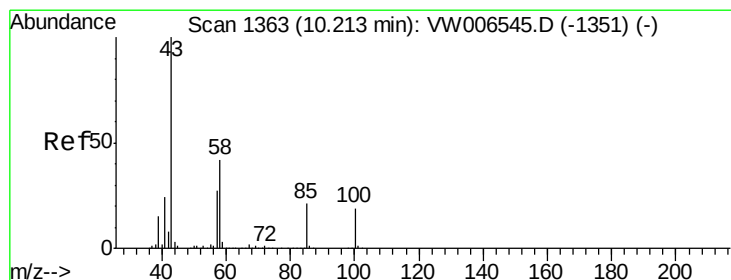
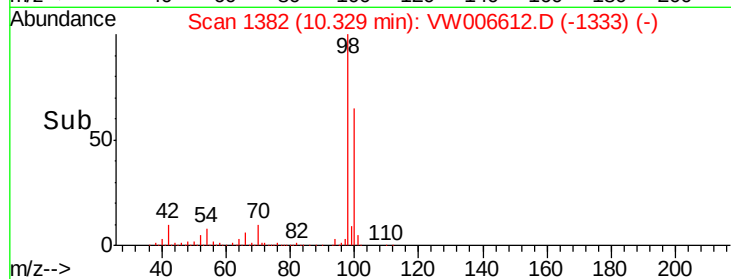
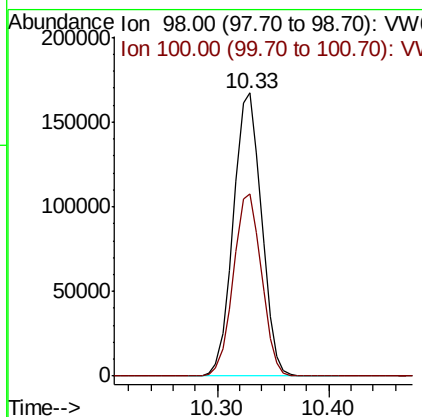
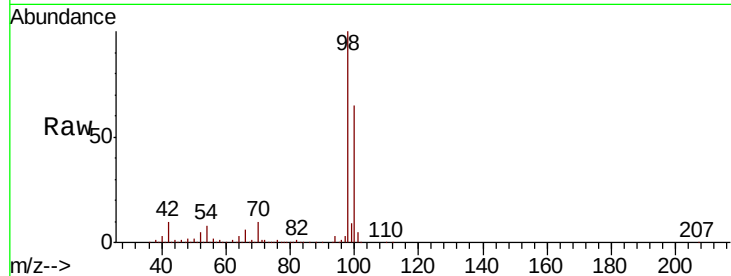




#50
Toluene-d8
Concen: 35.815 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006612.D
Acq: 02 Nov 2018 20:00

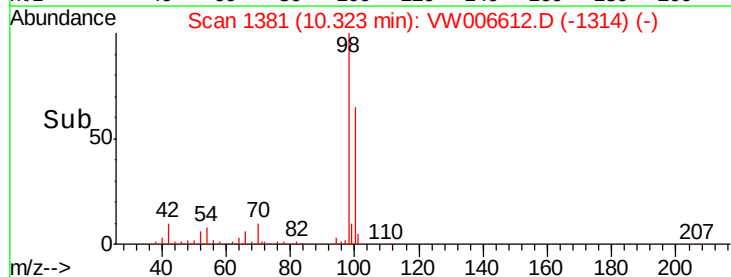
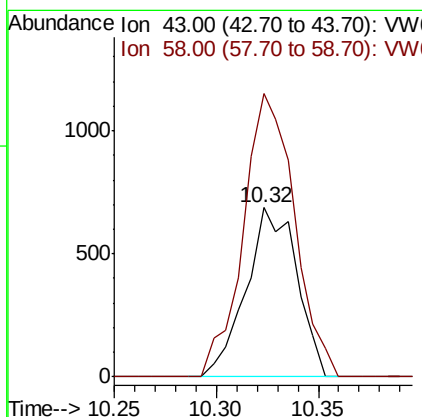
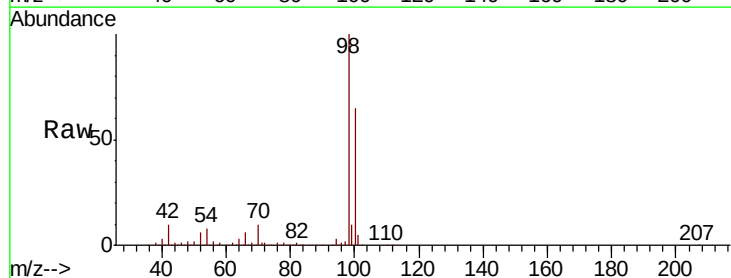
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AU-05-103118-A

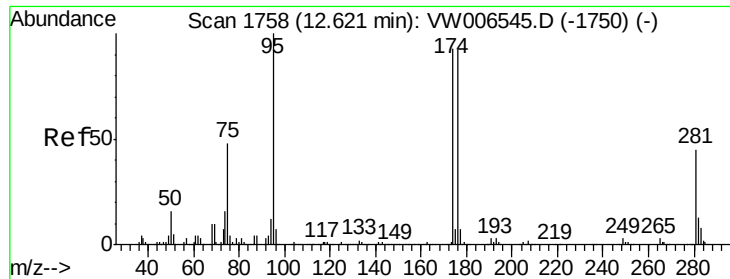
Tgt Ion: 98 Resp: 293651
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.108 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.11 min
Lab File: VW006612.D
Acq: 02 Nov 2018 20:00

Tgt Ion: 43 Resp: 1188
Ion Ratio Lower Upper
43 100
58 169.3 33.4 50.0#

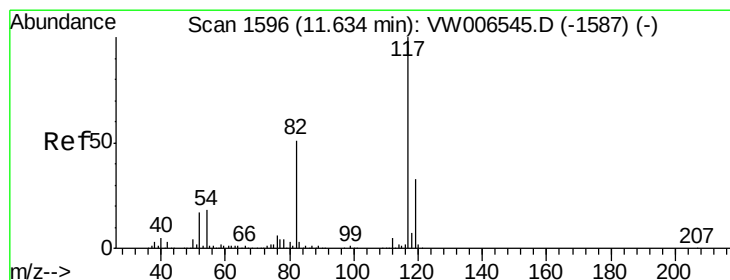
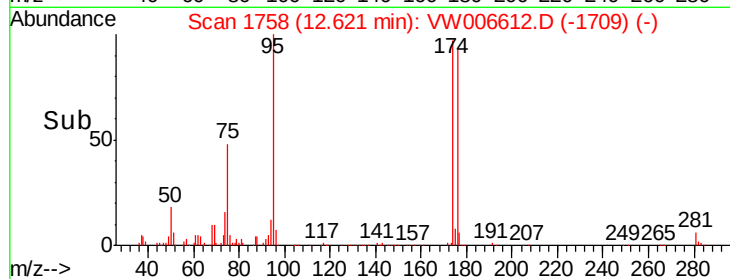
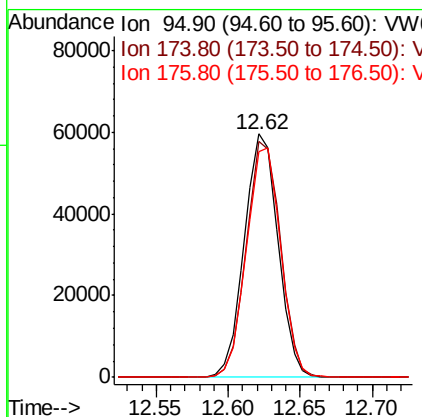
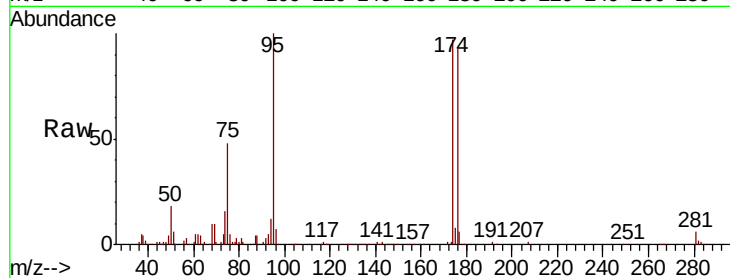




#62
4-Bromofluorobenzene
Concen: 32.444 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006612.D
Acq: 02 Nov 2018 20:00

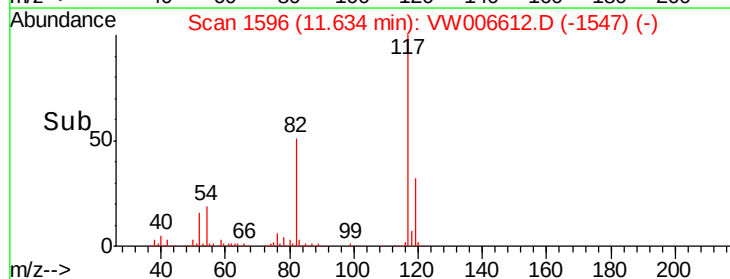
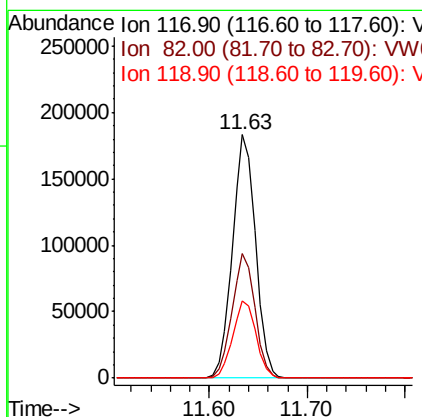
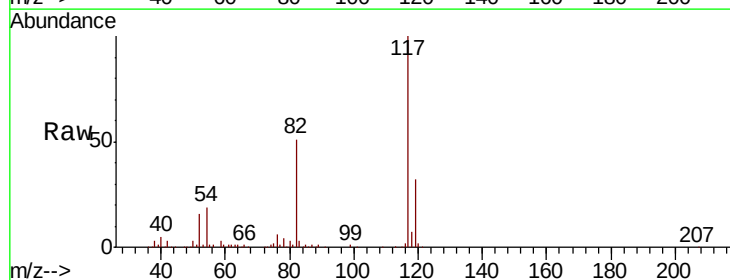
Instrument :
MSVOA_W
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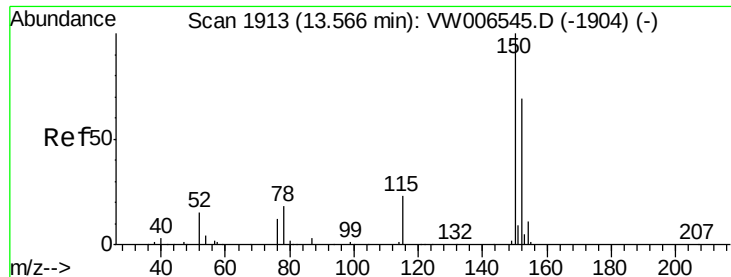
Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	192.4
176	95.7	0.0	187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006612.D
Acq: 02 Nov 2018 20:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.8	61.2
119	31.6	26.1	39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006612.D

Acq: 02 Nov 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

AU-05-103118-A

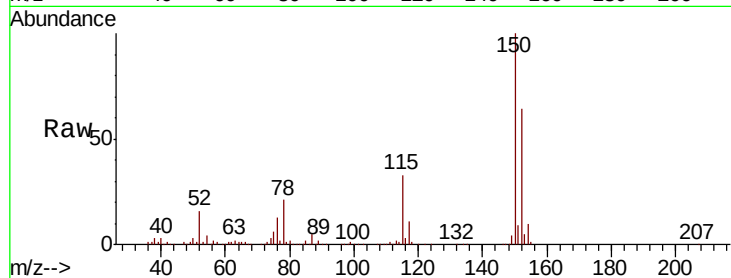
Tgt Ion:152 Resp: 137133

Ion Ratio Lower Upper

152 100

115 53.9 26.6 79.8

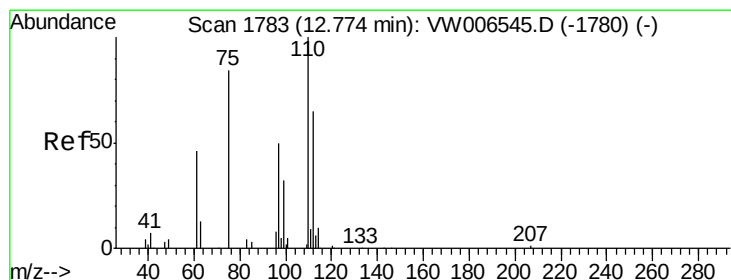
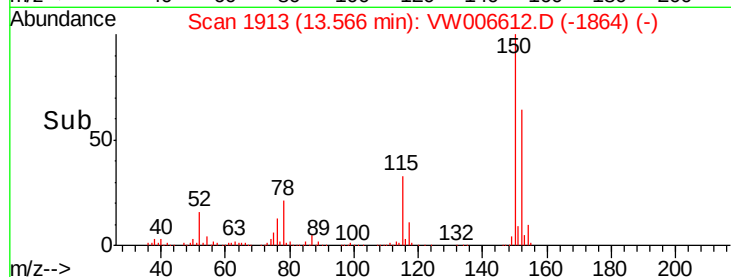
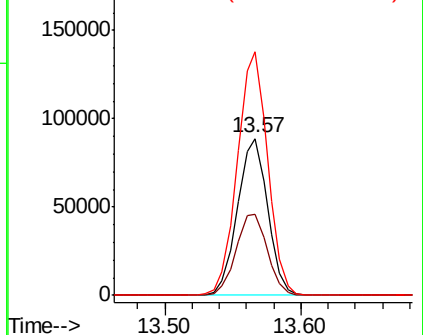
150 155.9 0.0 344.6



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: 43.828 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006612.D

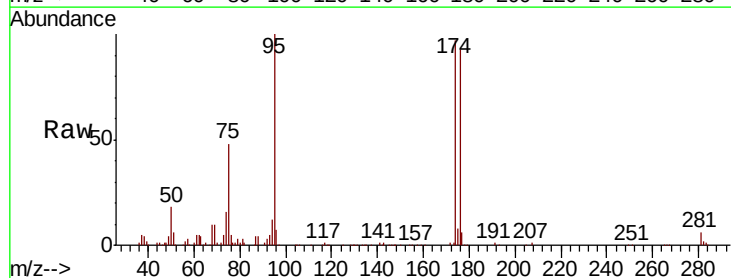
Acq: 02 Nov 2018 20:00

Tgt Ion: 75 Resp: 46894

Ion Ratio Lower Upper

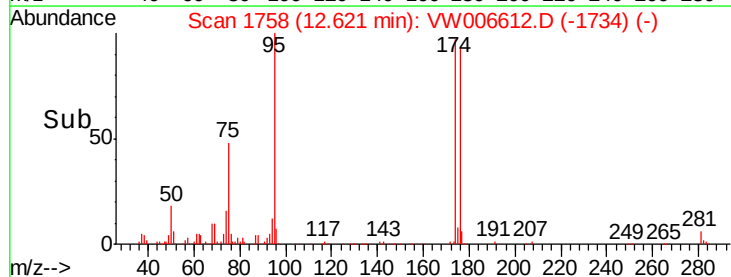
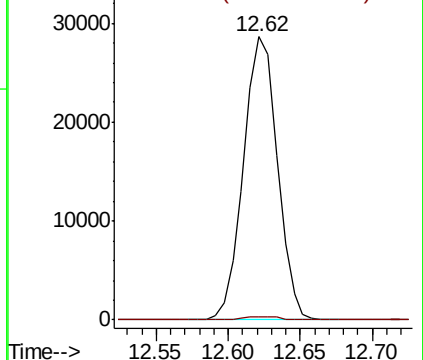
75 100

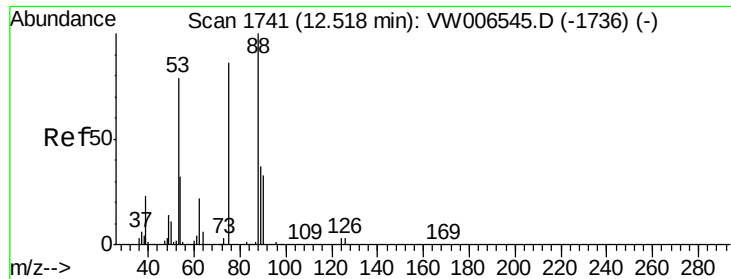
77 1.2 0.0 0.0#



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: 110.123 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006612.D

Acq: 02 Nov 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

AU-05-103118-A

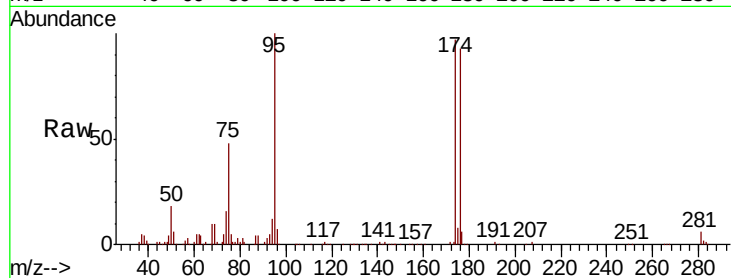
Tgt Ion: 75 Resp: 46894

Ion Ratio Lower Upper

75 100

53 0.0 77.2 115.8#

89 0.0 38.6 58.0#



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

