

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007113.D
 Acq On : 28 Nov 2018 15:08
 Operator : VAY/AP
 Sample : J6079-02
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 J-2

Quant Time: Nov 29 04:36:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

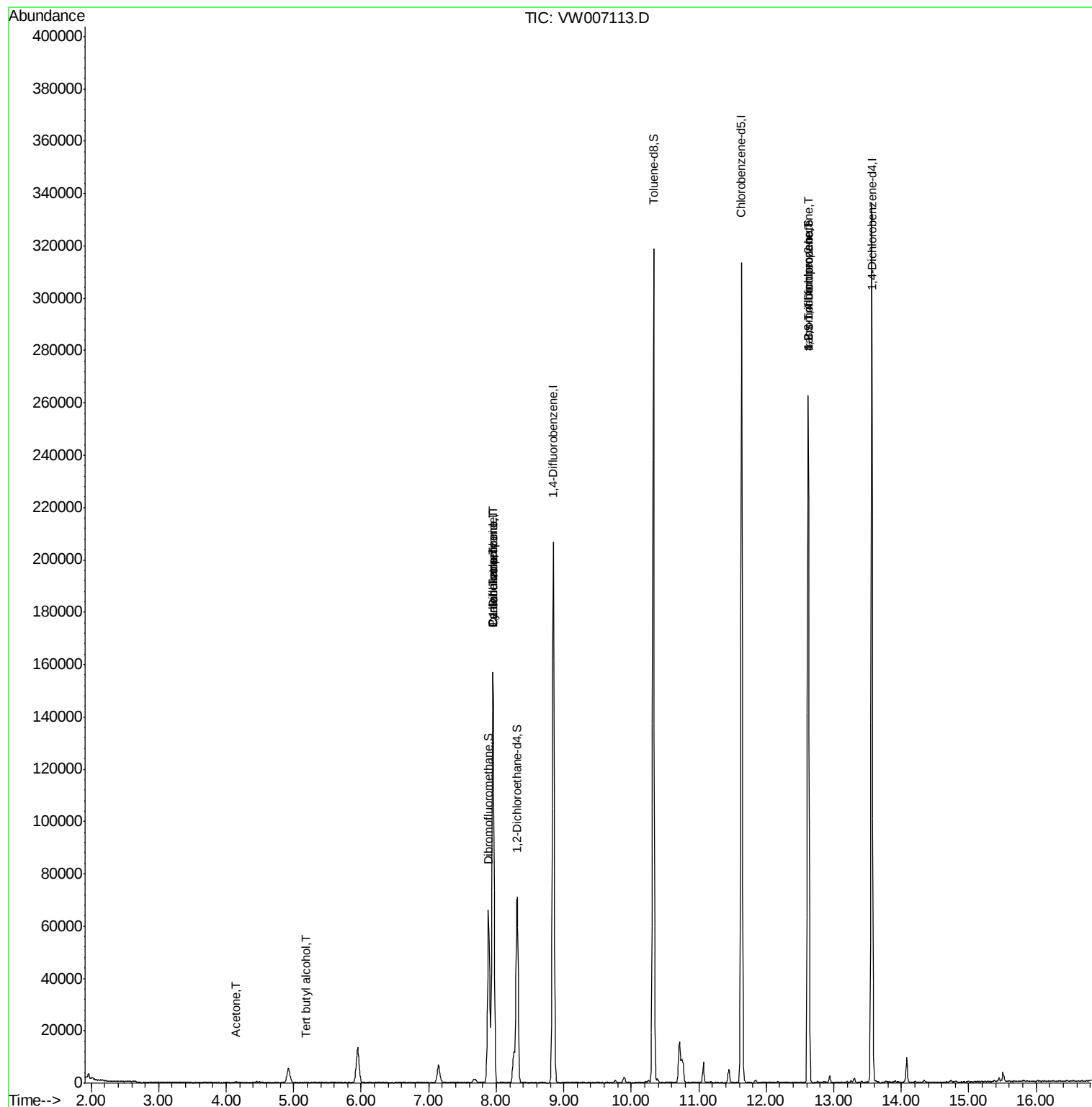
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	116090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	179085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	177370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89798	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57164	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
35) Dibromofluoromethane	7.88	113	48779	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	10.33	98	218593	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.62	95	85524	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.19	59	144	1.946	ug/l #	71
16) Acetone	4.15	43	704	4.266	ug/l #	82
20) Methylene Chloride	4.92	84	4539	Below Cal		88
31) Cyclohexane	7.95	56	2383	1.089	ug/l #	10
36) 1,1-Dichloropropene	7.95	75	8777	5.015	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11904	7.103	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	41617	58.979	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	41617	148.072	ug/l #	10

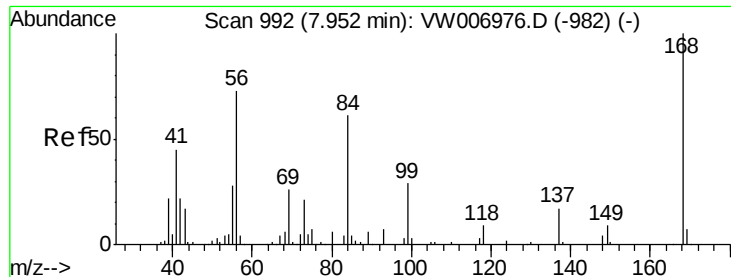
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_W
ClientSampleId :
J-2

Quant Time: Nov 29 04:36:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 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: VW007113.D

Acq: 28 Nov 2018 15:08

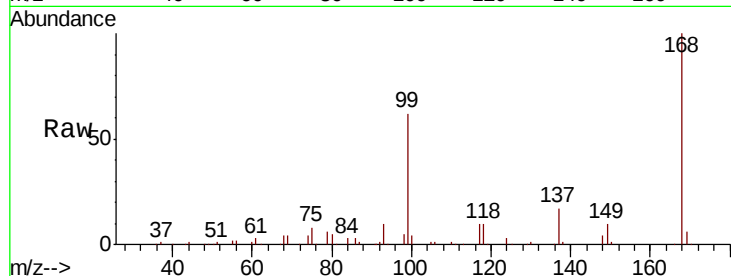
Instrument :
MSVOA_W
ClientSampled :
J-2

Tot Ion:168 Resp: 116090

Ion Ratio Lower Upper

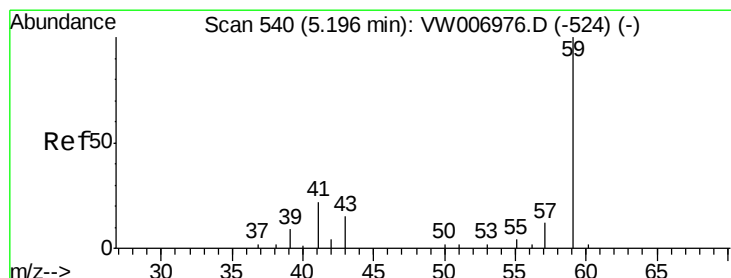
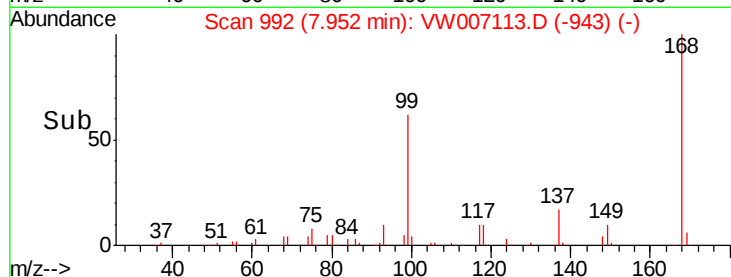
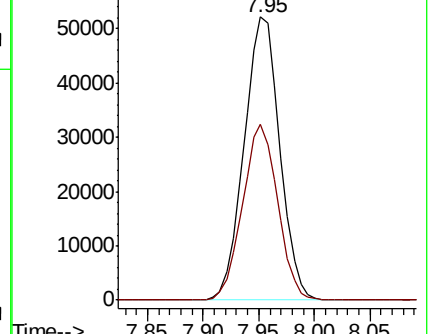
168 100

99 62.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.946 ug/l

RT: 5.19 min Scan# 539

Delta R.T. -0.01 min

Lab File: VW007113.D

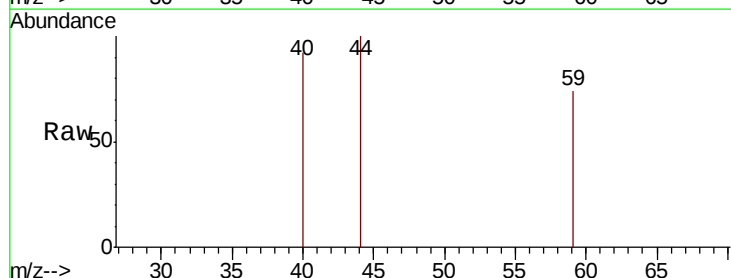
Acq: 28 Nov 2018 15:08

Tgt Ion: 59 Resp: 144

Ion Ratio Lower Upper

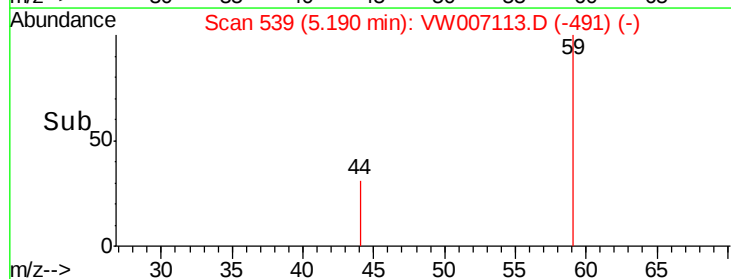
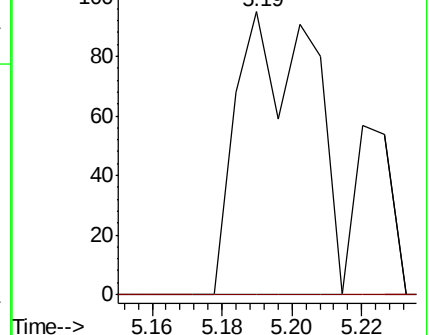
59 100

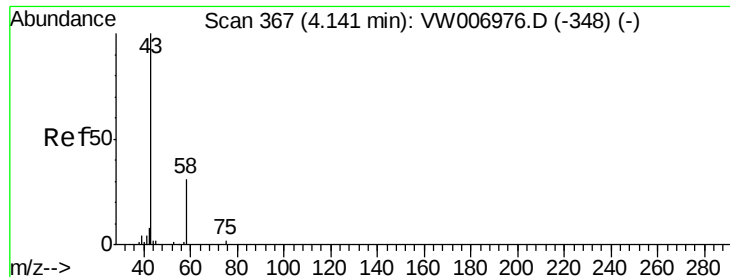
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 4.266 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007113.D

Acq: 28 Nov 2018 15:08

Instrument :

MSVOA_W

ClientSampleId :

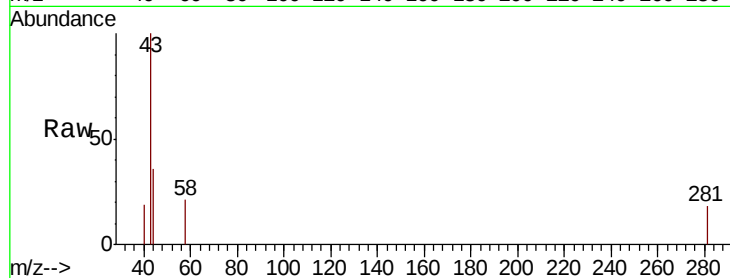
J-2

Tot Ion: 43 Resp: 704

Ion Ratio Lower Upper

43 100

58 21.0 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

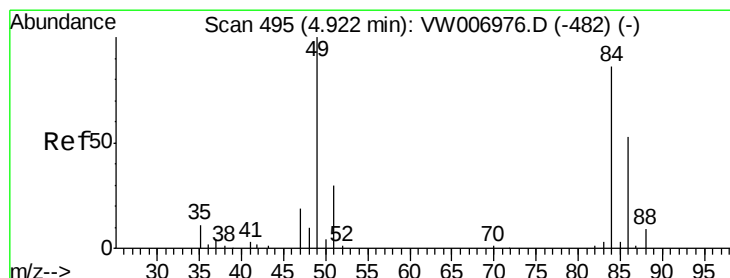
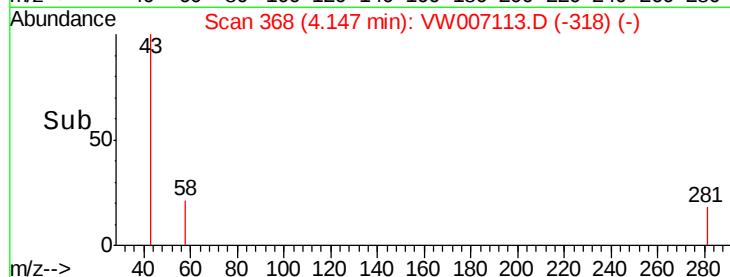
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007113.D

Acq: 28 Nov 2018 15:08

Tgt Ion: 84 Resp: 4539

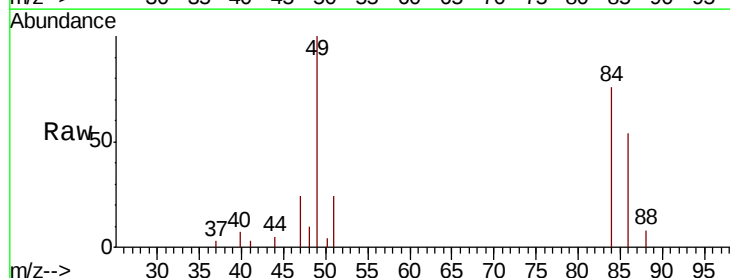
Ion Ratio Lower Upper

84 100

49 131.4 93.4 140.0

51 31.1 28.4 42.6

86 71.6 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

2500

2000

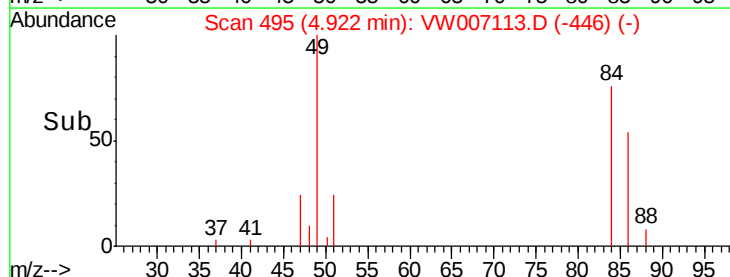
1500

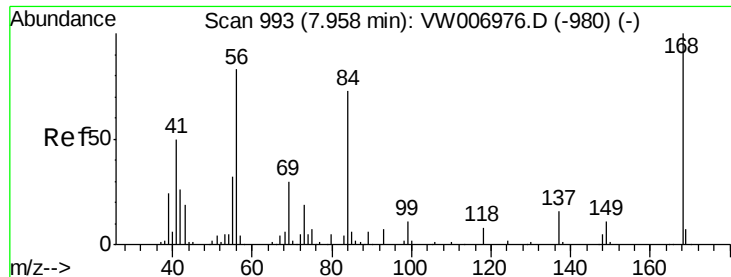
1000

500

0

Time-->

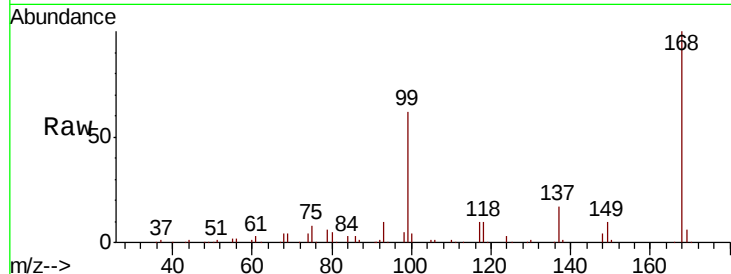




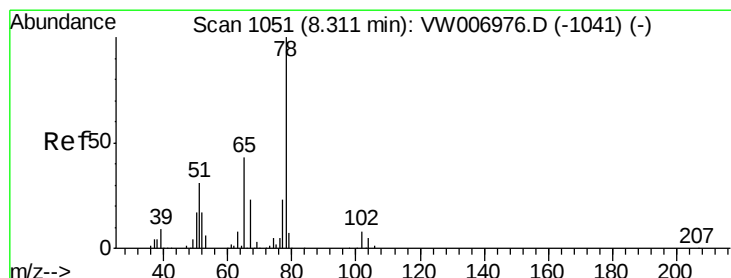
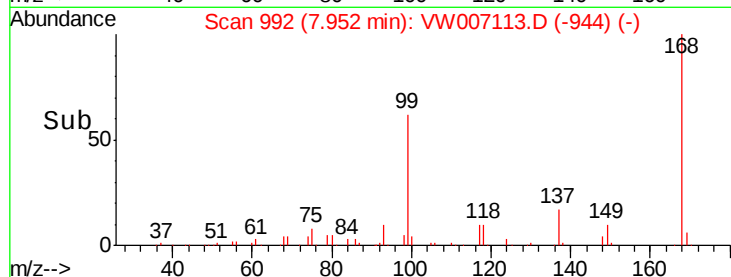
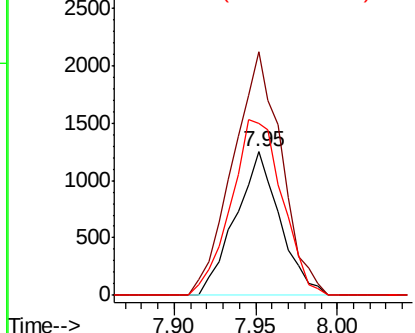
#31
Cyclohexane
Concen: 1.089 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007113.D
Acq: 28 Nov 2018 15:08

Instrument :
MSVOA_W
ClientSampled :
J-2

Tot Ion: 56 Resp: 2383
Ion Ratio Lower Upper
56 100
69 170.1 29.1 43.7#
84 119.7 70.6 105.8#

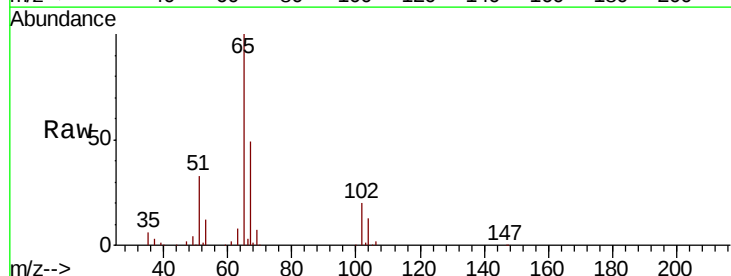


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

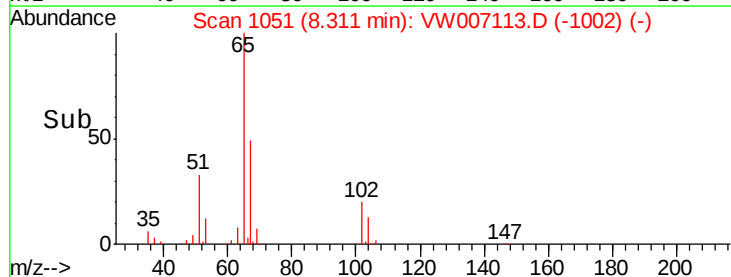
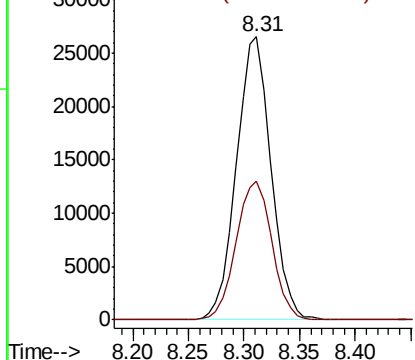


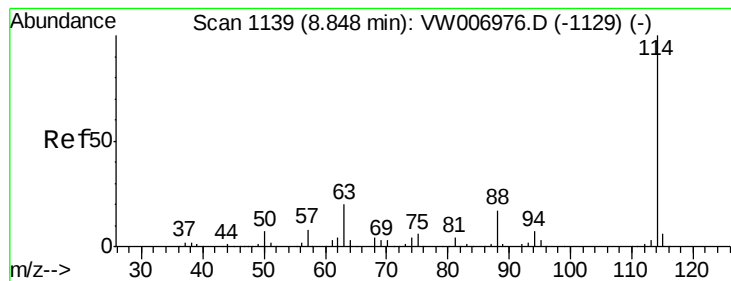
#33
1,2-Dichloroethane-d4
Concen: 50.296 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW007113.D
Acq: 28 Nov 2018 15:08

Tgt Ion: 65 Resp: 57164
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.2



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: VW007113.D

Acq: 28 Nov 2018 15:08

Instrument :

MSVOA_W

ClientSampleId :

J-2

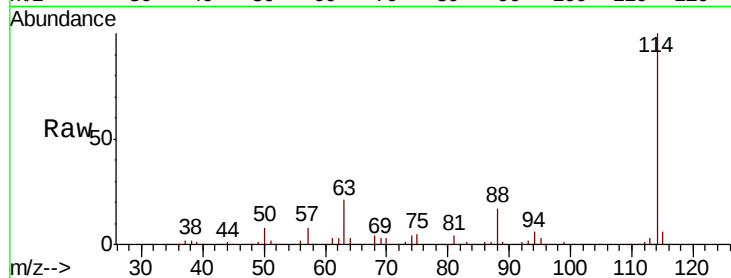
Tot Ion:114 Resp: 179085

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.4

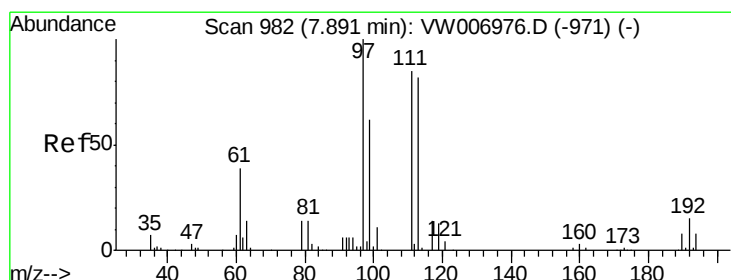
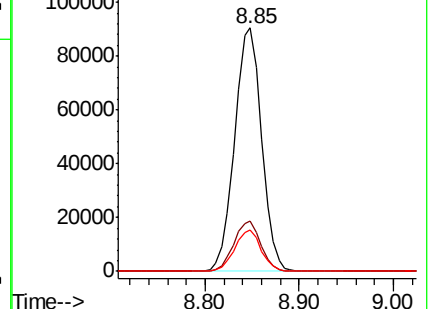
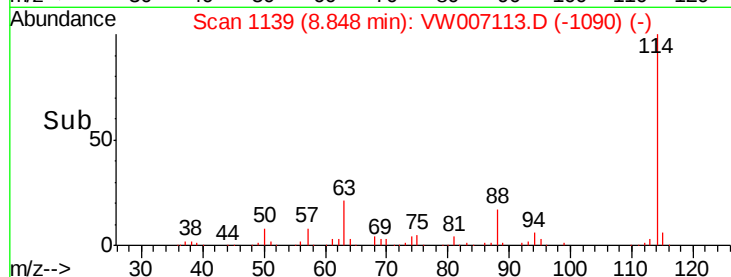
88 17.2 0.0 34.2



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: 48.232 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007113.D

Acq: 28 Nov 2018 15:08

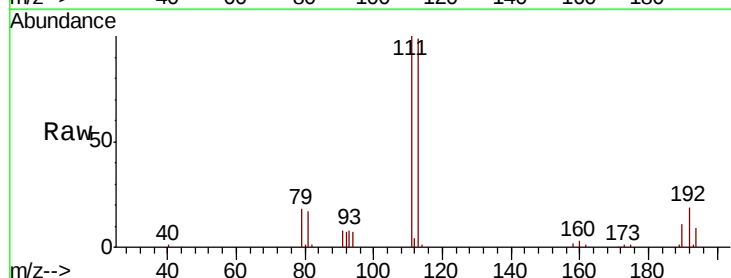
Tgt Ion:113 Resp: 48779

Ion Ratio Lower Upper

113 100

111 103.2 81.0 121.6

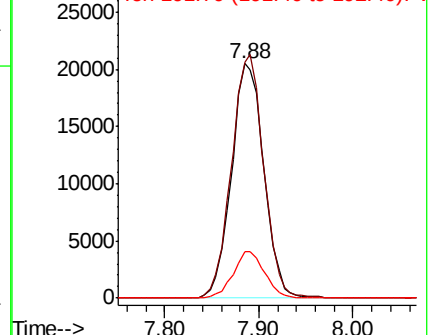
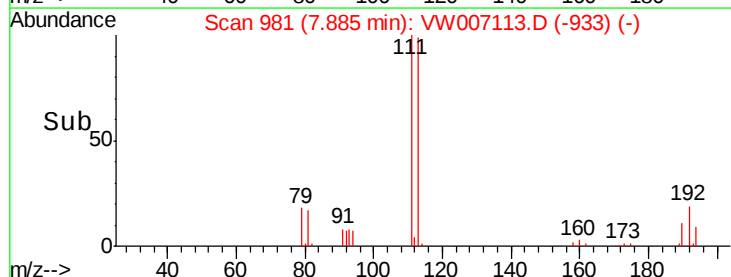
192 19.3 15.0 22.6

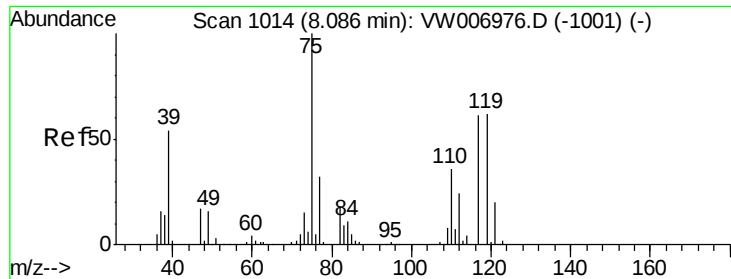


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

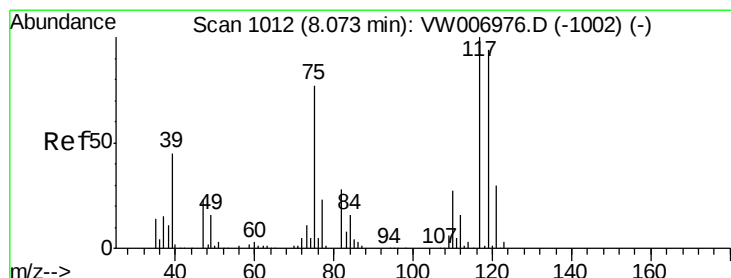
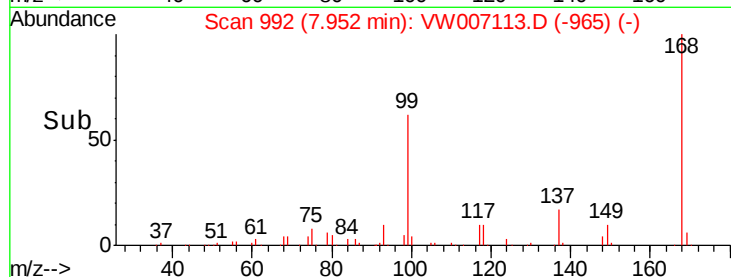
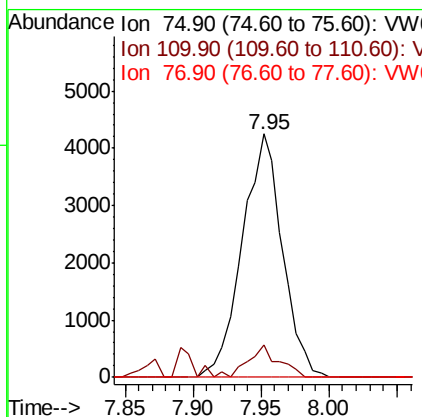
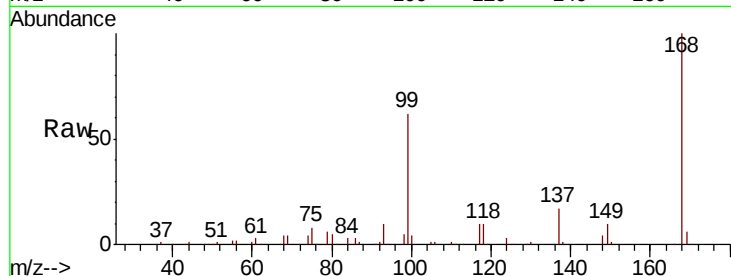




#36
 1,1-Dichloropropene
 Concen: 5.015 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007113.D
 Acq: 28 Nov 2018 15:08

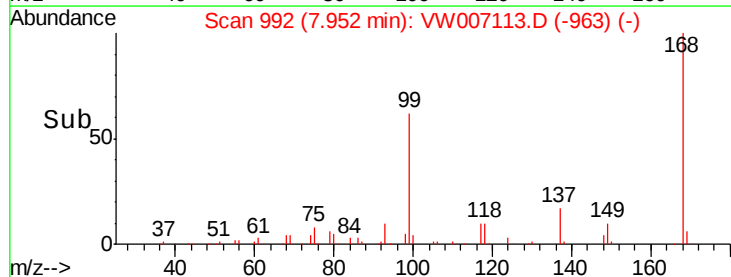
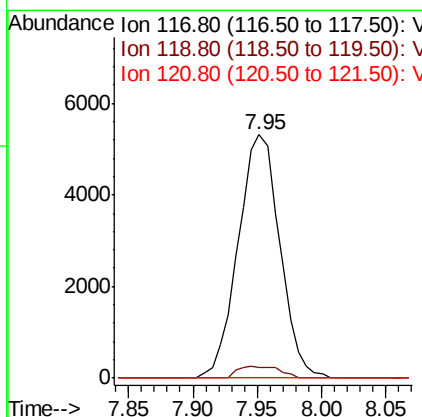
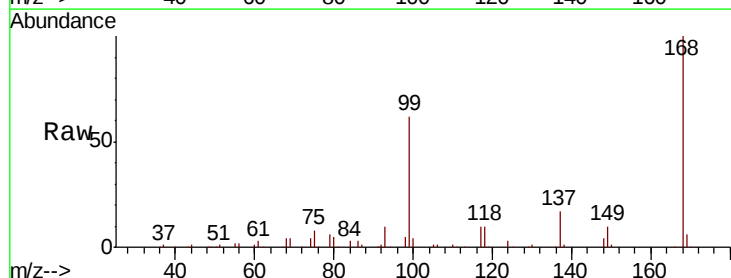
Instrument :
 MSVOA_W
 ClientSampled :
 J-2

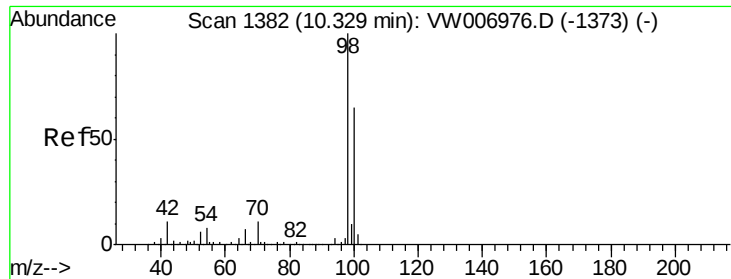
Tot Ion	75	Resp	8777
Ion Ratio	Lower	Upper	
75	100		
110	9.6	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 7.103 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007113.D
 Acq: 28 Nov 2018 15:08

Tgt Ion	117	Resp	11904
Ion Ratio	Lower	Upper	
117	100		
119	4.5	74.9	112.3#
121	0.0	23.6	35.4#





#50

Toluene-d8

Concen: 48.947 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007113.D

Acq: 28 Nov 2018 15:08

Instrument :

MSVOA_W

ClientSampled :

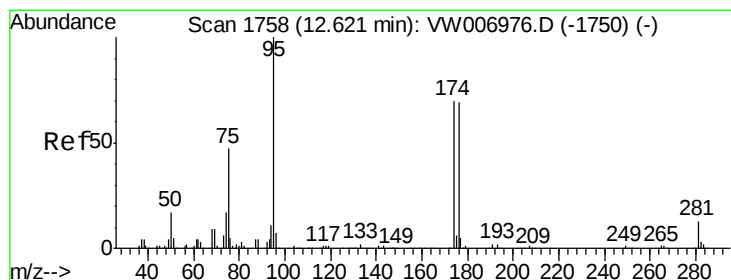
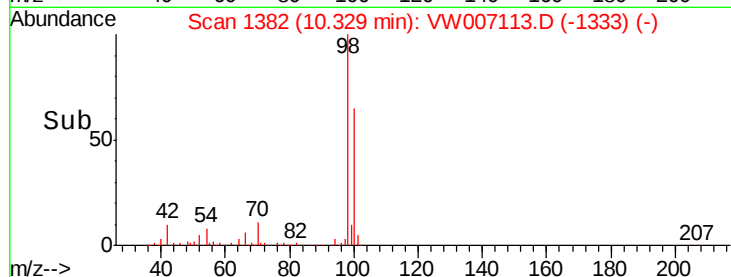
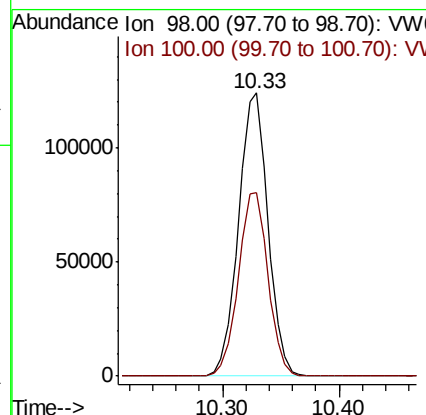
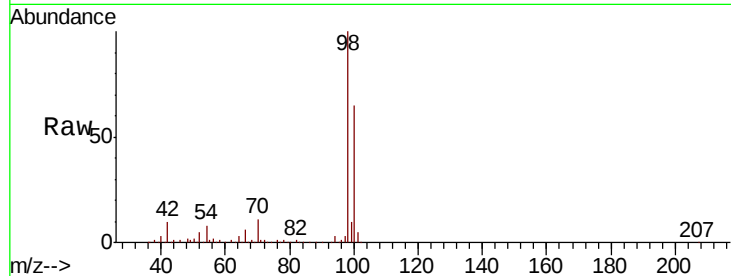
J-2

Tot Ion: 98 Resp: 218593

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.665 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007113.D

Acq: 28 Nov 2018 15:08

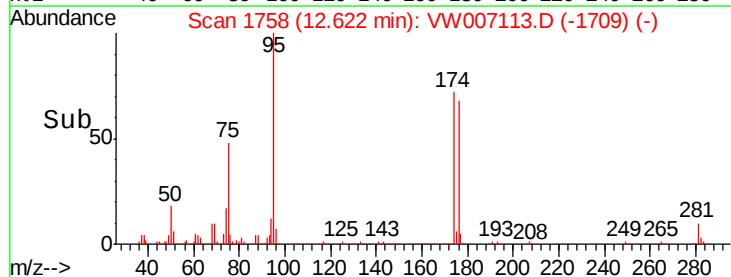
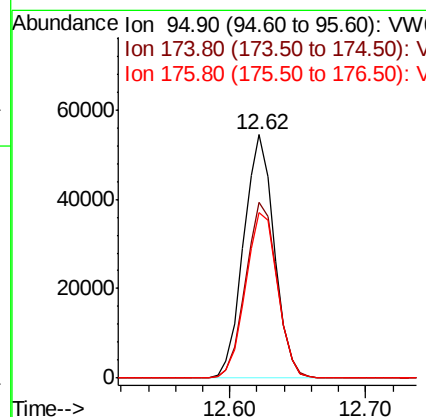
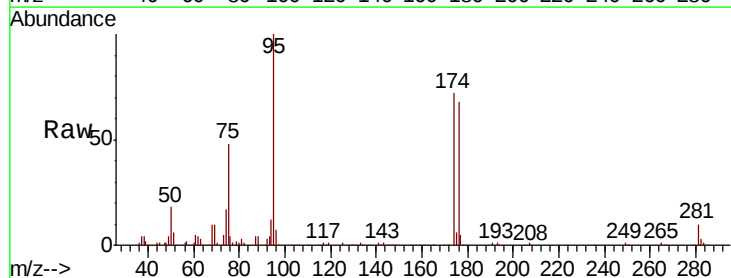
Tgt Ion: 95 Resp: 85524

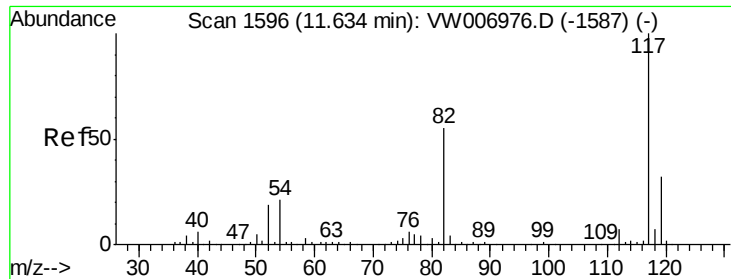
Ion Ratio Lower Upper

95 100

174 74.4 0.0 143.6

176 71.5 0.0 140.4

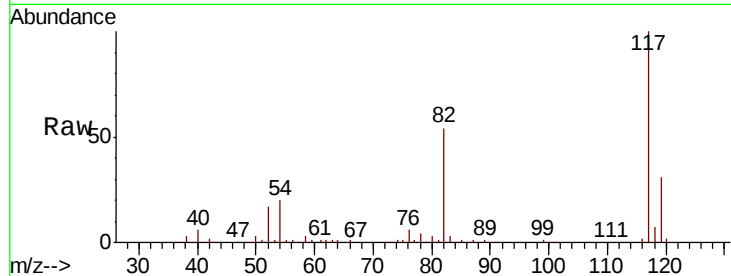




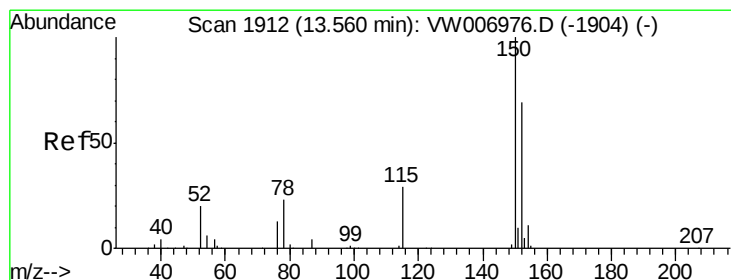
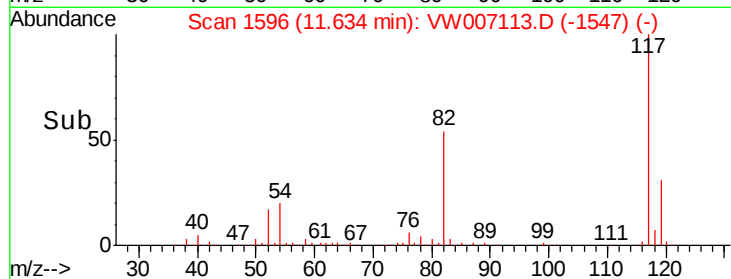
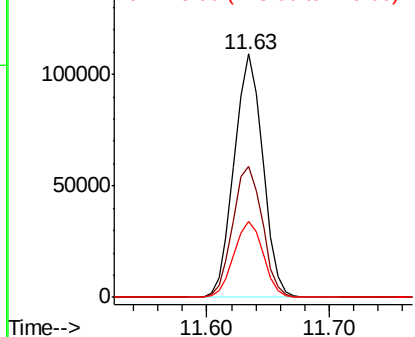
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007113.D
Acq: 28 Nov 2018 15:08

Instrument :
MSVOA_W
ClientSampled :
J-2

Tot Ion:117 Resp: 177370
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 30.9 25.9 38.9

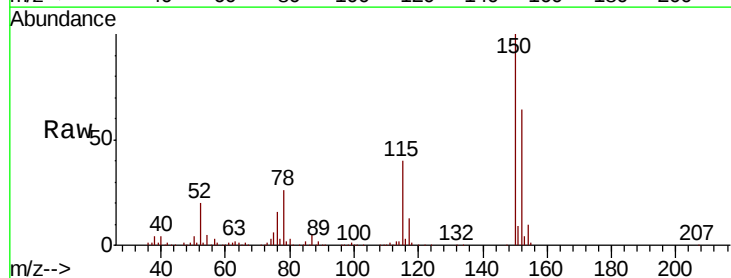


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

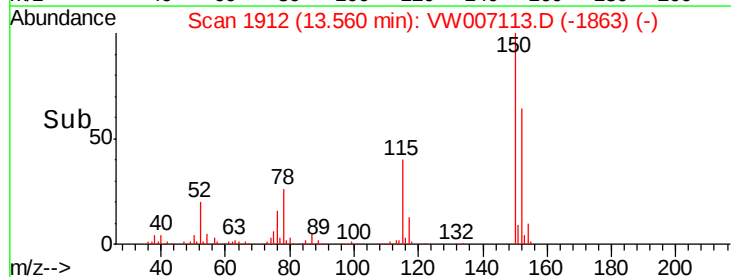
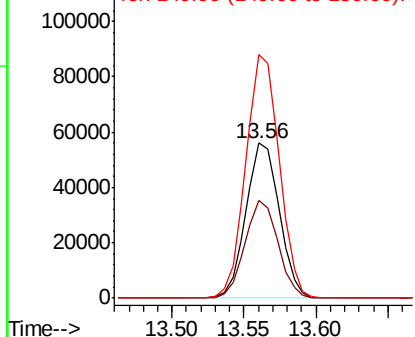


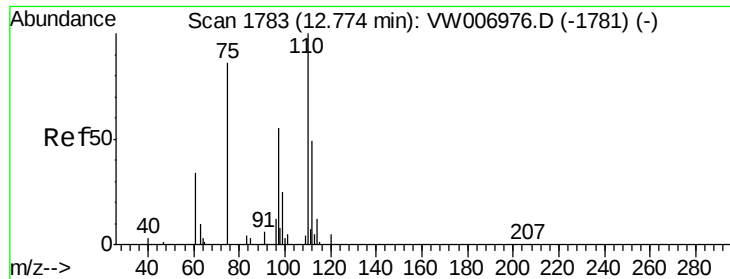
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007113.D
Acq: 28 Nov 2018 15:08

Tgt Ion:152 Resp: 89798
Ion Ratio Lower Upper
152 100
115 62.0 31.4 94.2
150 157.0 0.0 353.4



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: 58.979 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007113.D

Acq: 28 Nov 2018 15:08

Instrument :

MSVOA_W

ClientSampleId :

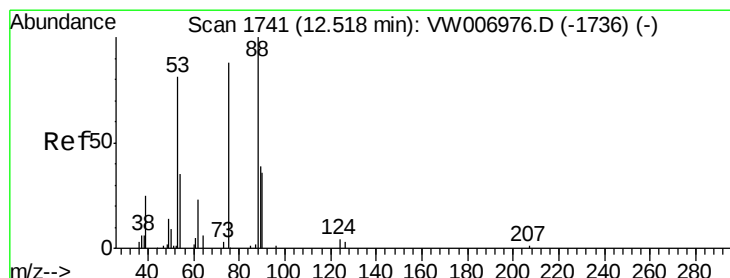
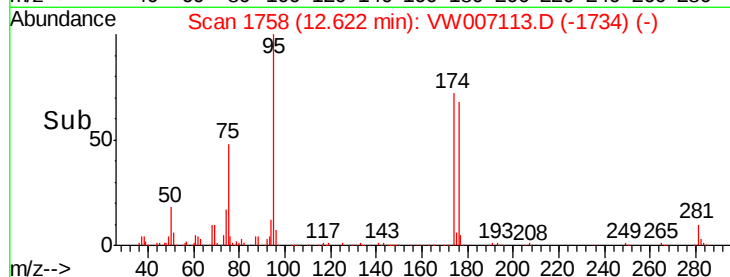
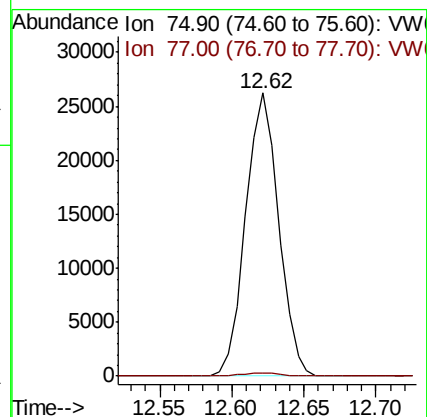
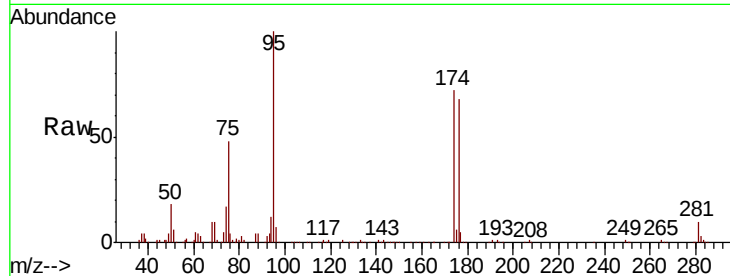
J-2

Tot Ion: 75 Resp: 41617

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 148.072 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007113.D

Acq: 28 Nov 2018 15:08

Tgt Ion: 75 Resp: 41617

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.2 39.3 58.9#

