

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007815.D
 Acq On : 22 Dec 2018 00:10
 Operator : SY/AP
 Sample : J6377-19
 Misc : 4.33G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD007-0006-01

Quant Time: Dec 24 05:03:27 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	43627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	75066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	46561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11045	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	28077	58.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	117.44%	
35) Dibromofluoromethane	7.88	113	22287	48.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.34%	
50) Toluene-d8	10.32	98	56760	32.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	65.76%	
62) 4-Bromofluorobenzene	12.62	95	12784	19.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	38.34%	

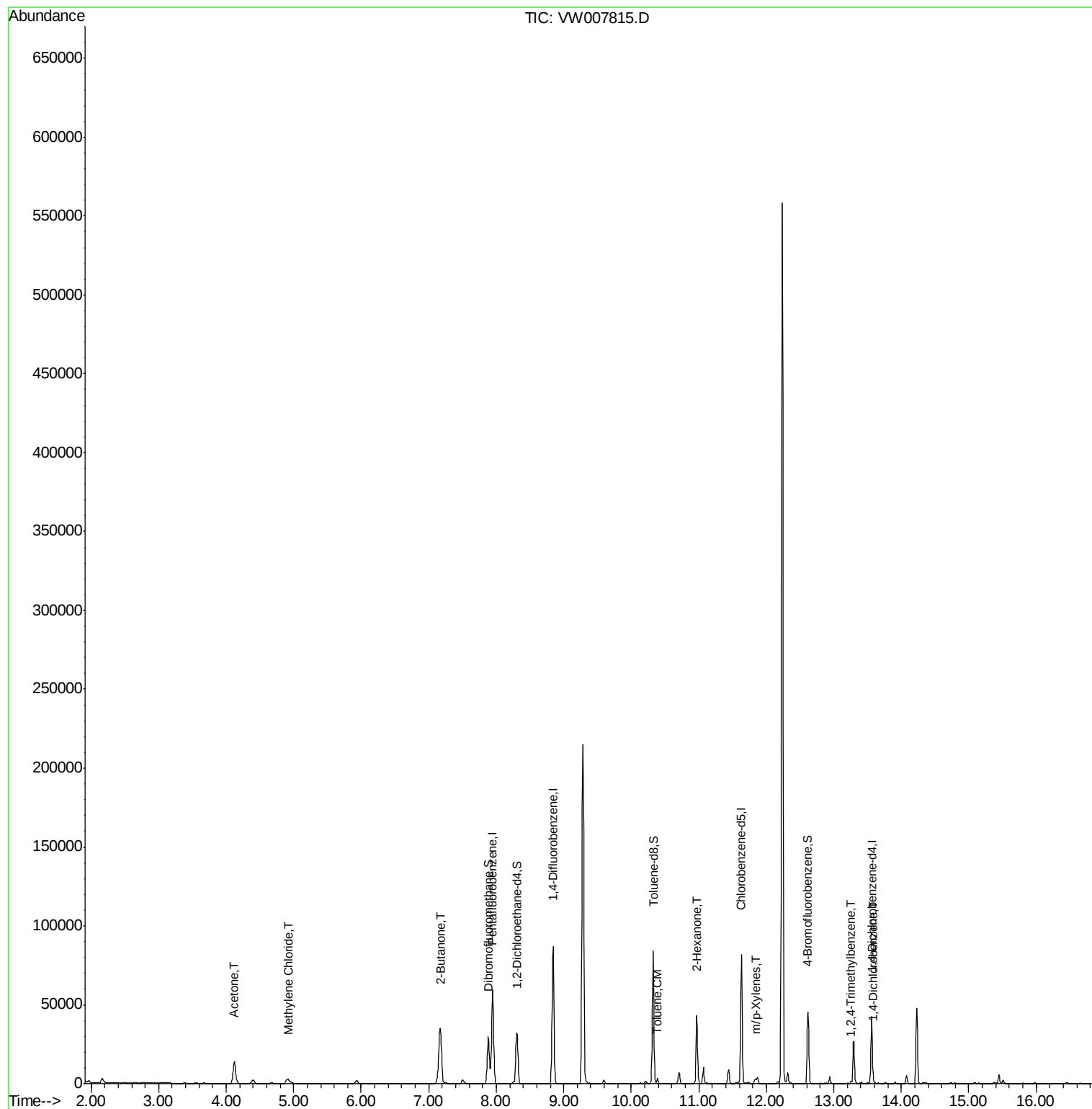
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	23857	266.433	ug/l	97
20) Methylene Chloride	4.92	84	3335	1.307	ug/l #	86
25) 2-Butanone	7.17	43	49178	468.897	ug/l	91
52) Toluene	10.38	92	1500	1.156	ug/l	96
59) 2-Hexanone	10.97	43	24869	149.366	ug/l	97
68) m/p-Xylenes	11.84	106	1095	1.632	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	971	1.336	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	1049	2.761	ug/l	95

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

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P001-SD007-0006-01

Quant Time: Dec 24 05:03:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
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: VW007815.D

Acq: 22 Dec 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

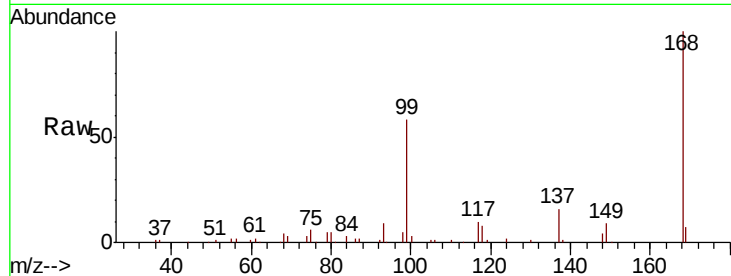
P001-SD007-0006-01

Tot Ion:168 Resp: 43627

Ion Ratio Lower Upper

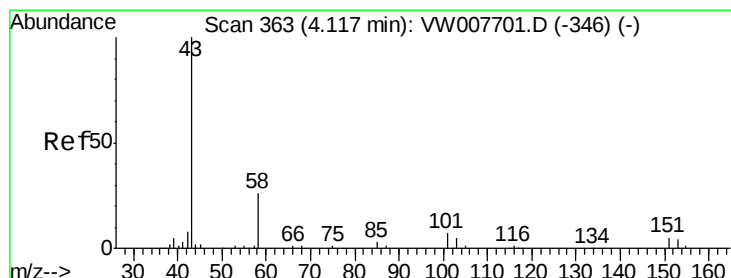
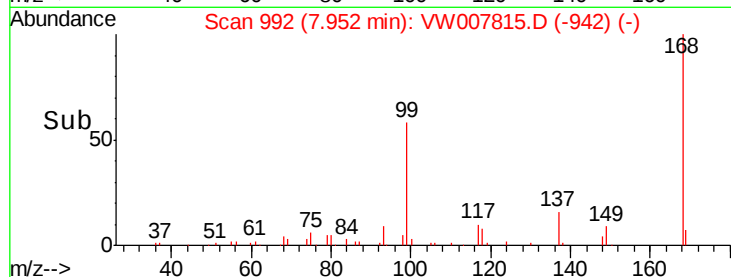
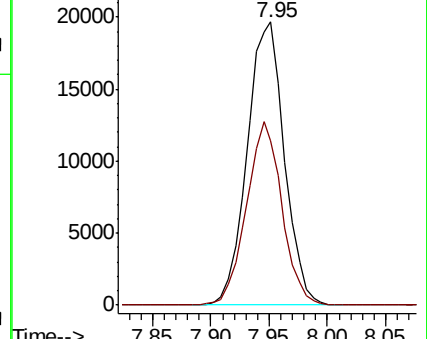
168 100

99 57.9 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 266.433 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007815.D

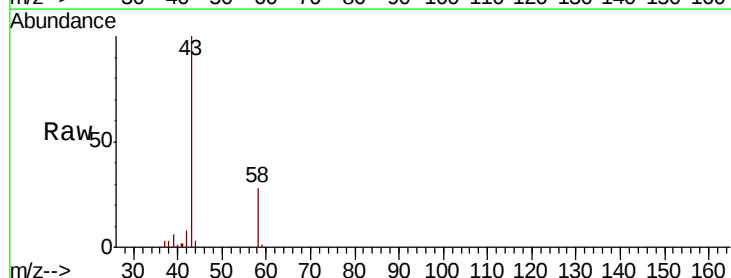
Acq: 22 Dec 2018 00:10

Tgt Ion: 43 Resp: 23857

Ion Ratio Lower Upper

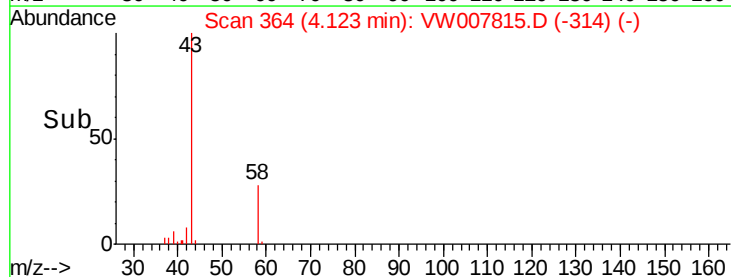
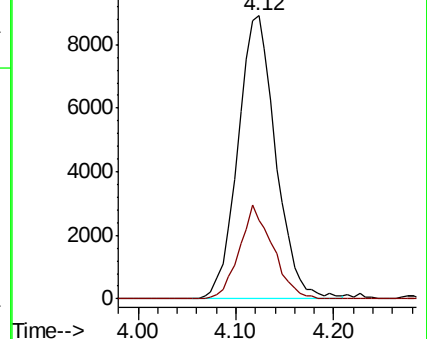
43 100

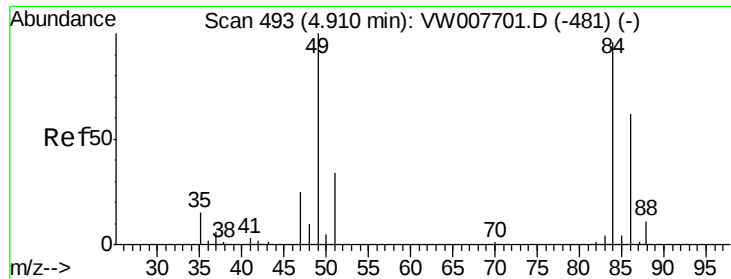
58 27.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

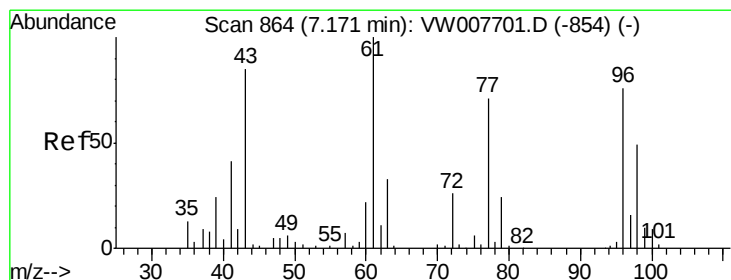
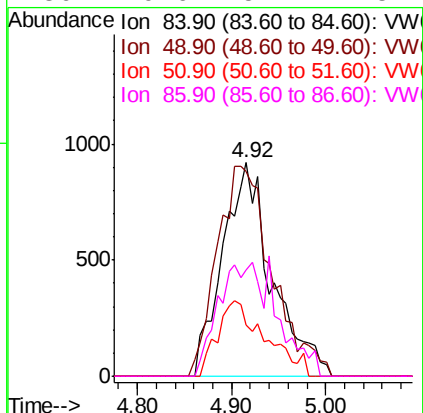
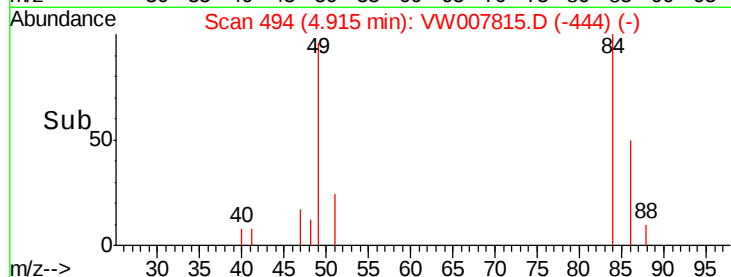
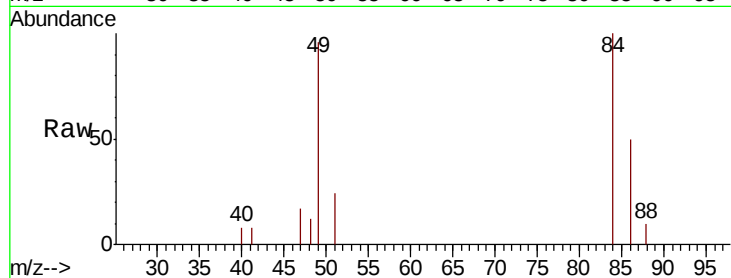




#20
Methvlene Chloride
Concen: 1.307 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007815.D
Acq: 22 Dec 2018 00:10

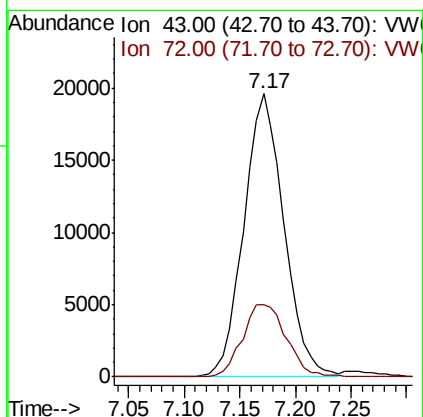
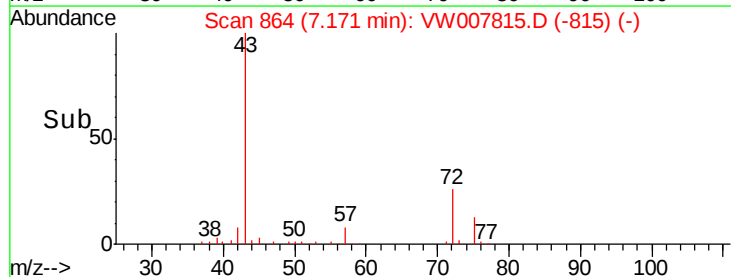
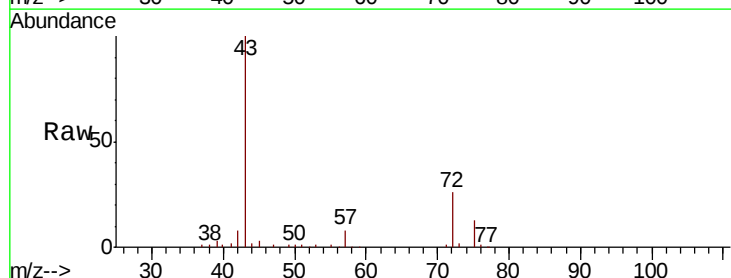
Instrument :
MSVOA_W
ClientSampleId :
P001-SD007-0006-01

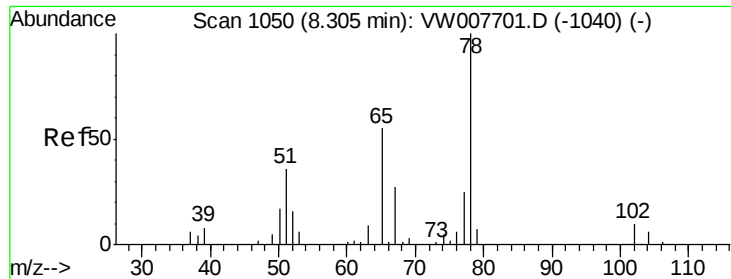
Tot Ion: 84 Resp: 3335
Ion Ratio Lower Upper
84 100
49 95.9 83.7 125.5
51 24.2 28.2 42.2#
86 49.6 52.2 78.2#



#25
2-Butanone
Concen: 468.897 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007815.D
Acq: 22 Dec 2018 00:10

Tgt Ion: 43 Resp: 49178
Ion Ratio Lower Upper
43 100
72 25.6 24.5 36.7

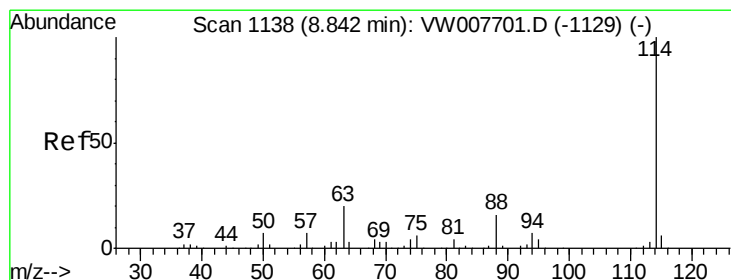
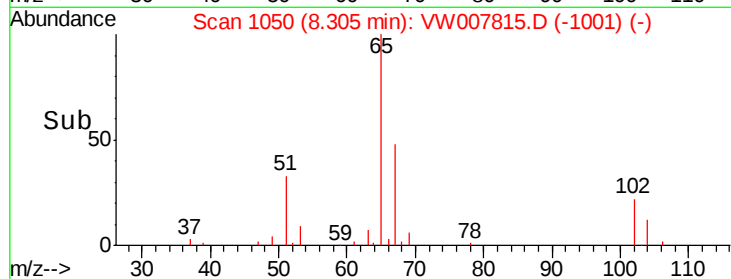
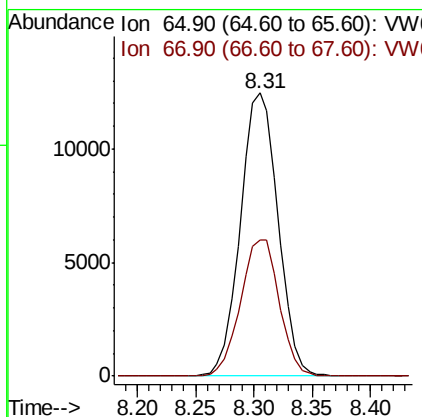
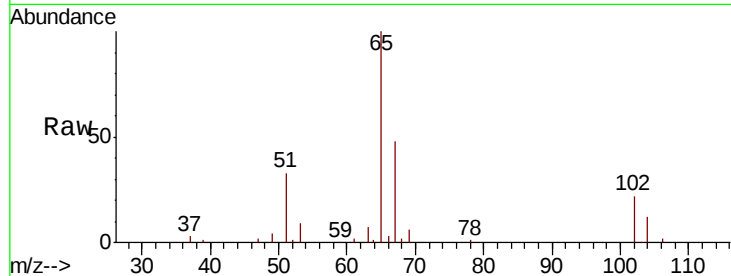




#33
 1,2-Dichloroethane-d4
 Concen: 58.717 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007815.D
 Acq: 22 Dec 2018 00:10

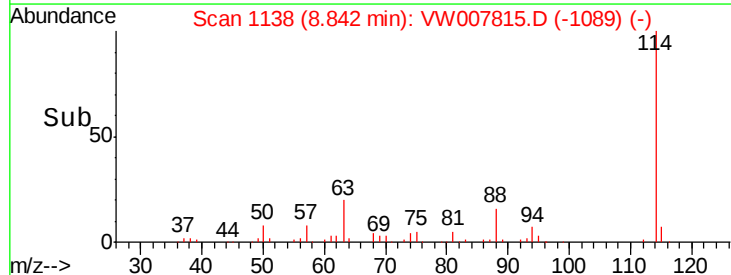
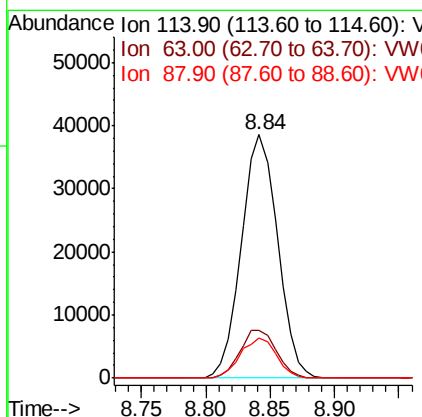
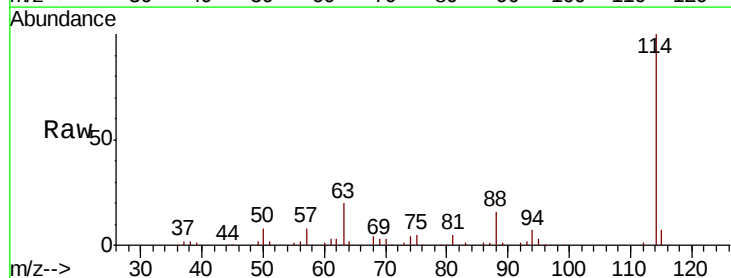
Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD007-0006-01

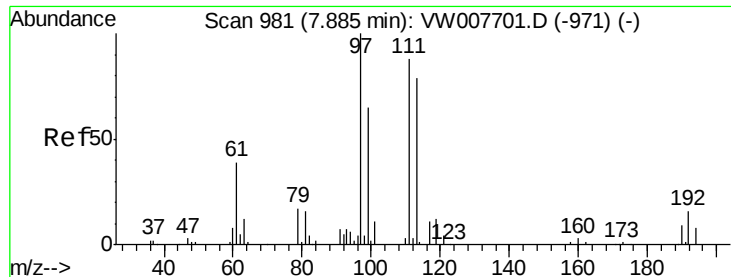
Tot Ion: 65 Resp: 28077
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007815.D
 Acq: 22 Dec 2018 00:10

Tgt Ion: 114 Resp: 75066
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 16.5 0.0 32.6

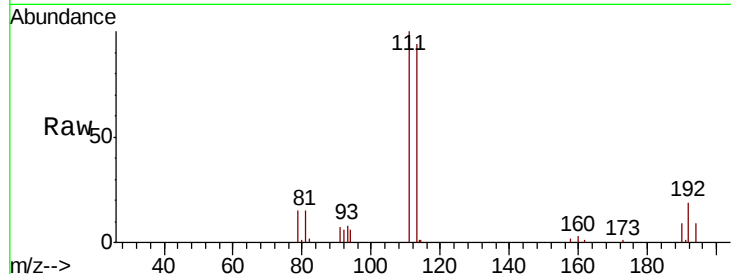




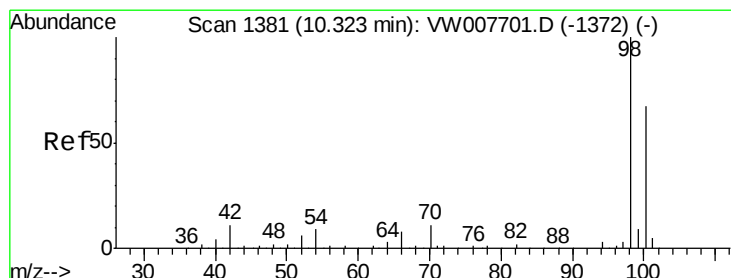
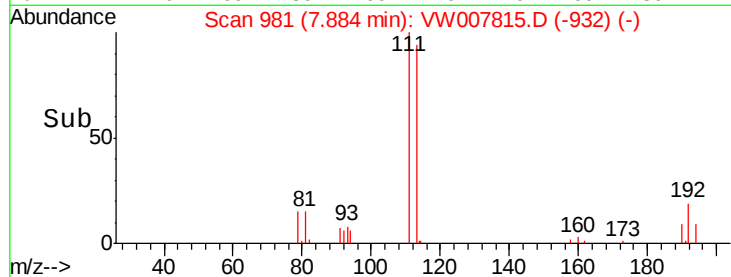
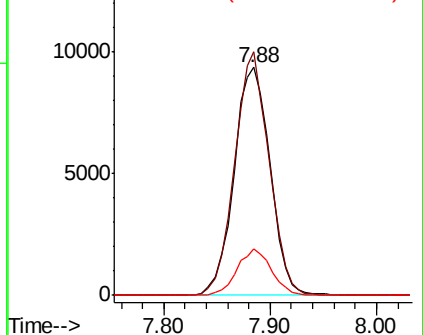
#35
 Dibromofluoromethane
 Concen: 48.668 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007815.D
 Acq: 22 Dec 2018 00:10

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD007-0006-01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	124.0
192	19.3	15.5	23.3

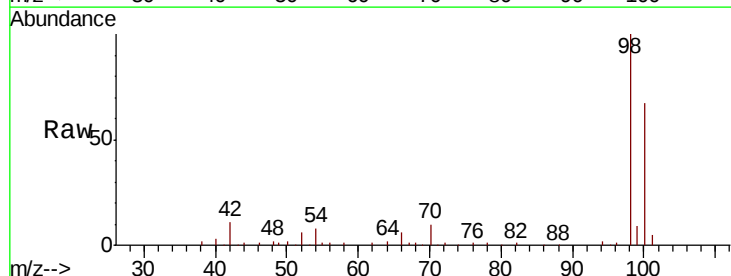


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

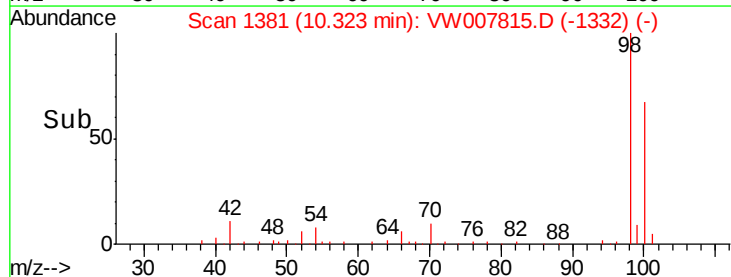
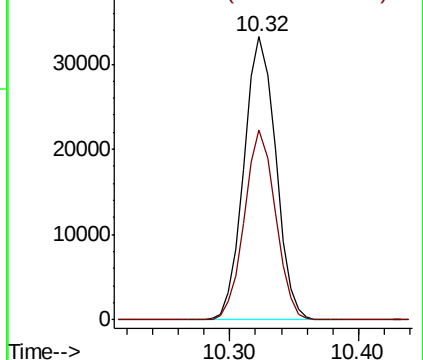


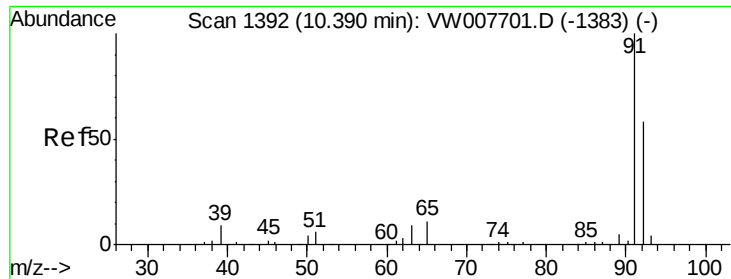
#50
 Toluene-d8
 Concen: 32.878 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007815.D
 Acq: 22 Dec 2018 00:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.156 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW007815.D

Acq: 22 Dec 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

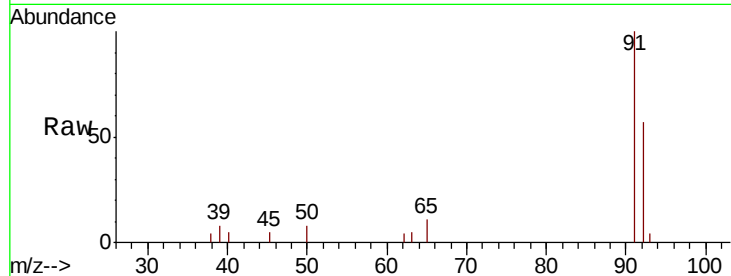
P001-SD007-0006-01

Tot Ion: 92 Resp: 1500

Ion Ratio Lower Upper

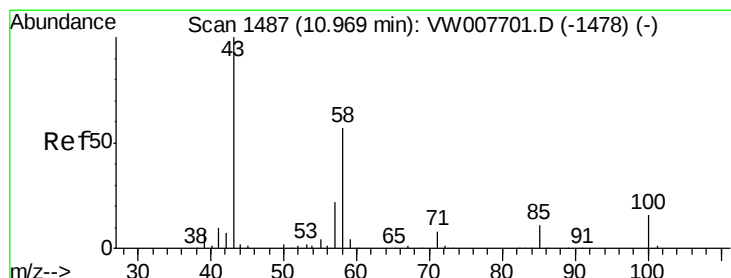
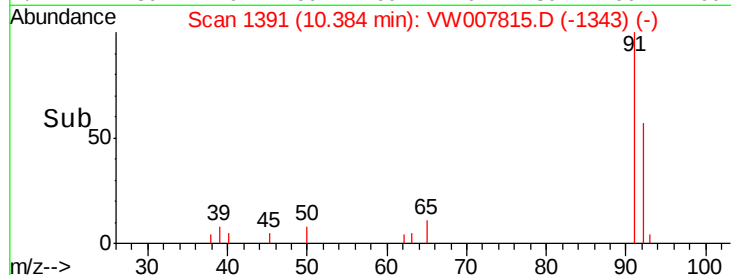
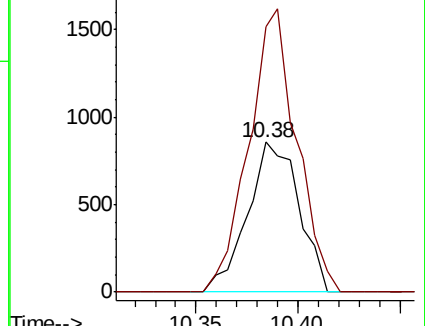
92 100

91 176.1 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#59

2-Hexanone

Concen: 149.366 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW007815.D

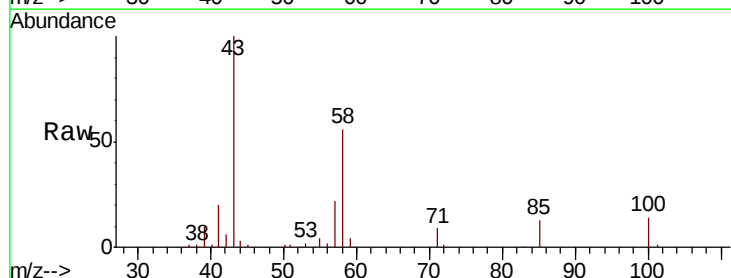
Acq: 22 Dec 2018 00:10

Tgt Ion: 43 Resp: 24869

Ion Ratio Lower Upper

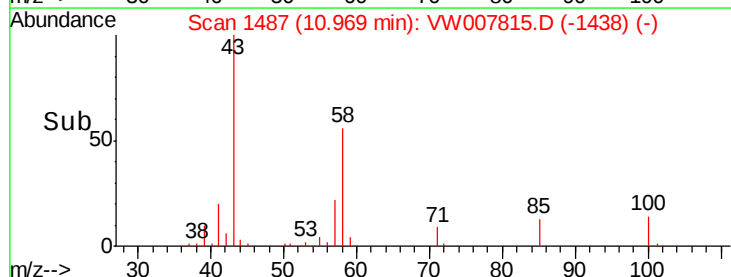
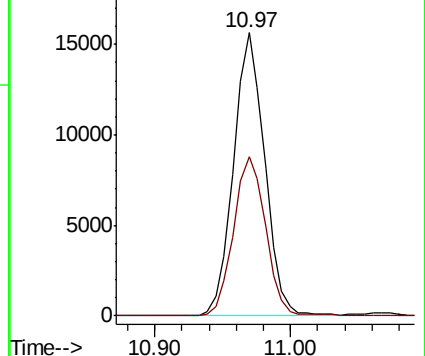
43 100

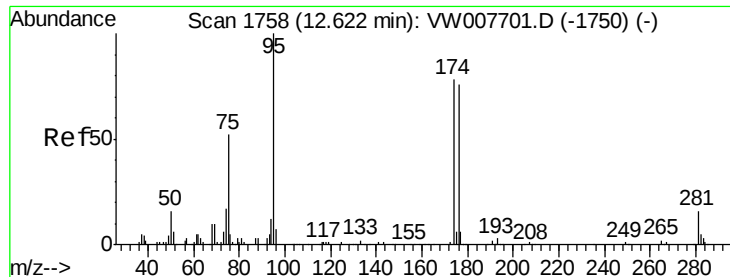
58 57.5 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 19.168 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007815.D

Acq: 22 Dec 2018 00:10

Instrument :

MSVOA_W

ClientSampleId :

P001-SD007-0006-01

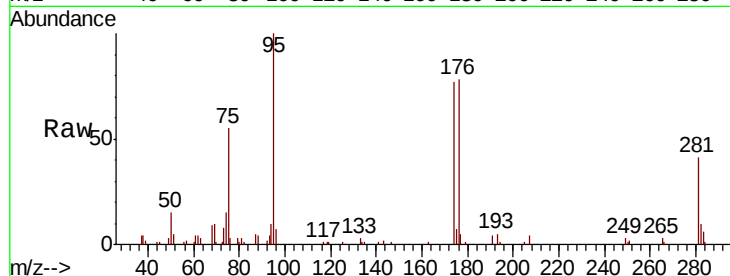
Tot Ion: 95 Resp: 12784

Ion Ratio Lower Upper

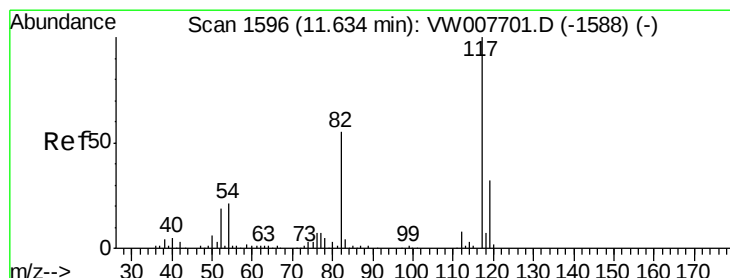
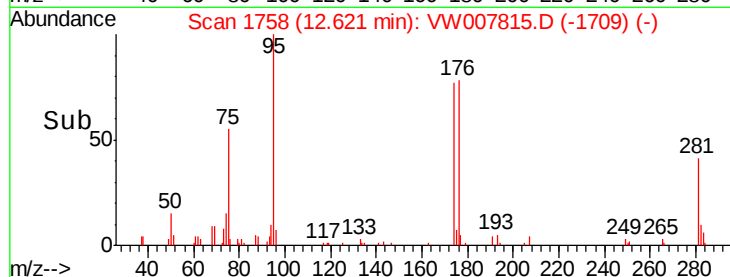
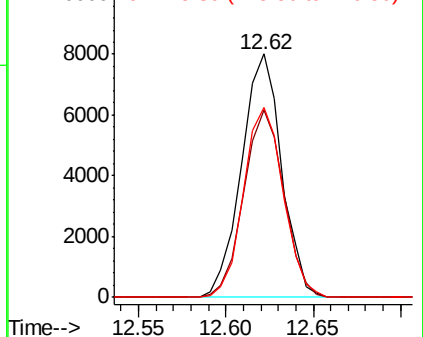
95 100

174 76.7 0.0 152.2

176 77.2 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: VW007815.D

Acq: 22 Dec 2018 00:10

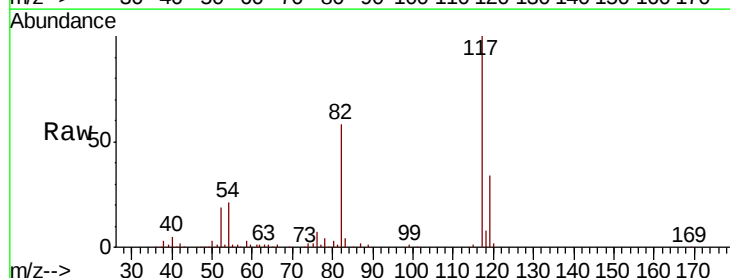
Tgt Ion: 117 Resp: 46561

Ion Ratio Lower Upper

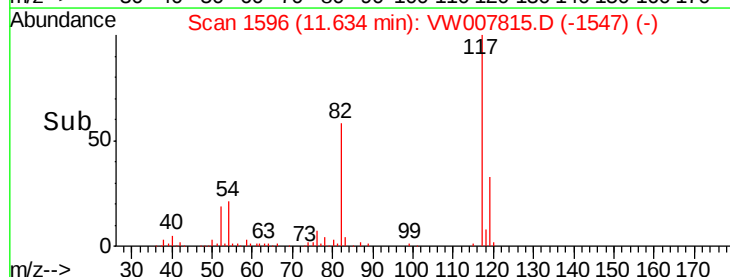
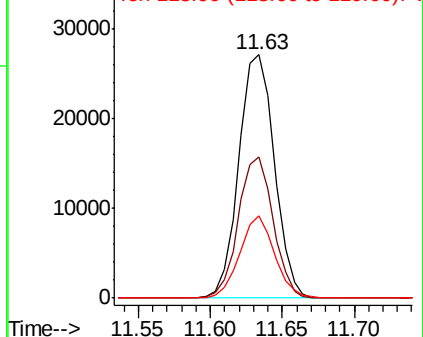
117 100

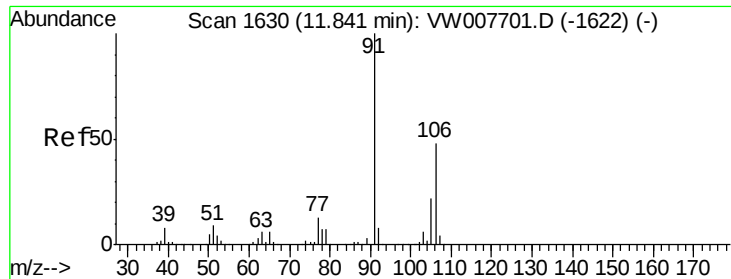
82 58.2 44.3 66.5

119 33.5 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

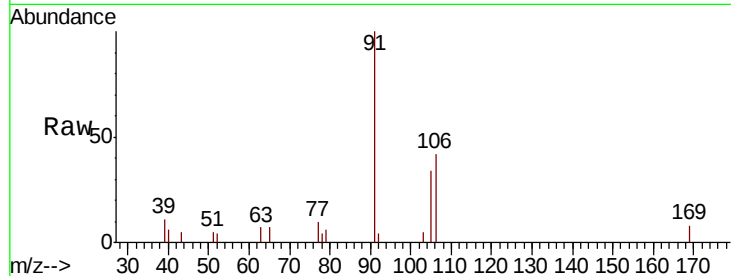




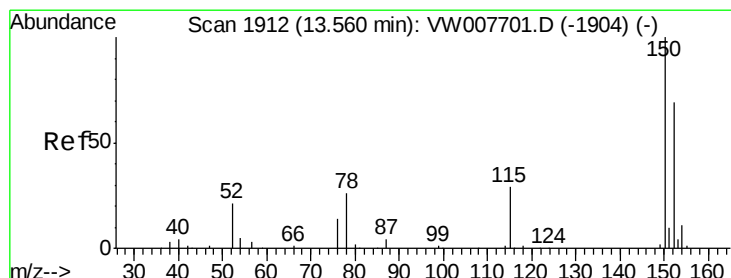
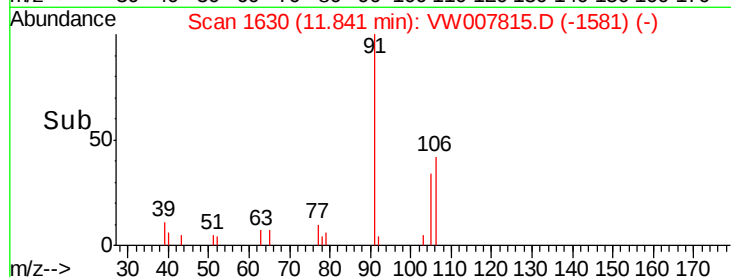
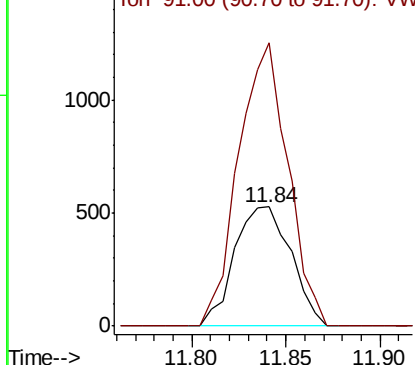
#68
m/p-Xvlenes
Concen: 1.632 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007815.D
Acq: 22 Dec 2018 00:10

Instrument :
MSVOA_W
ClientSampleId :
P001-SD007-0006-01

Tot Ion:106 Resp: 1095
Ion Ratio Lower Upper
106 100
91 207.6 165.2 247.8

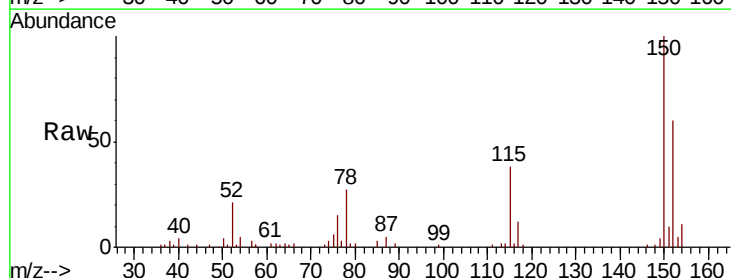


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

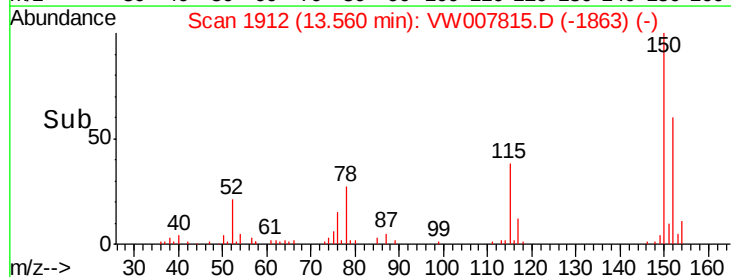
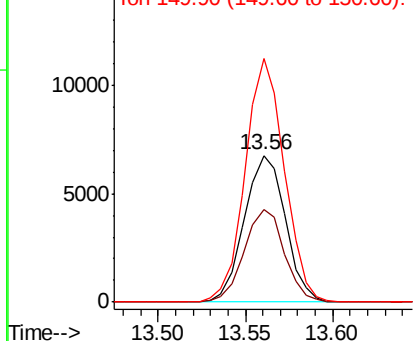


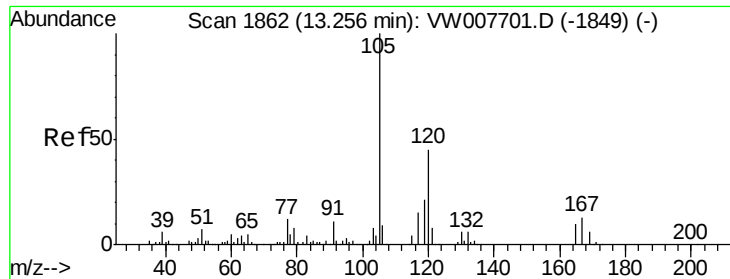
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007815.D
Acq: 22 Dec 2018 00:10

Tgt Ion:152 Resp: 11045
Ion Ratio Lower Upper
152 100
115 61.5 31.8 95.4
150 157.7 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

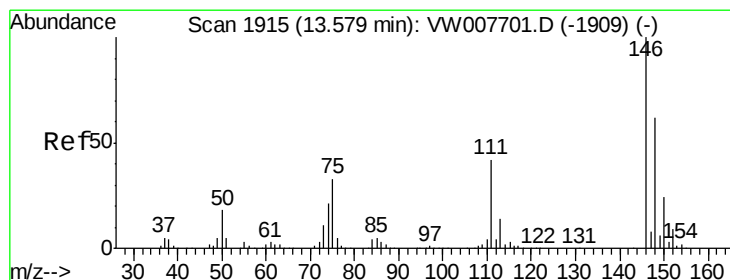
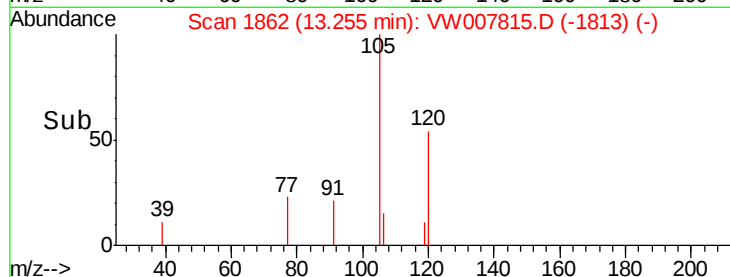
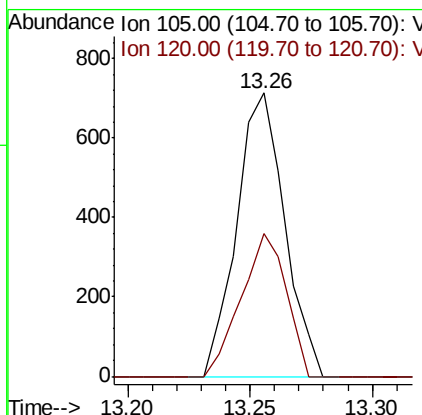
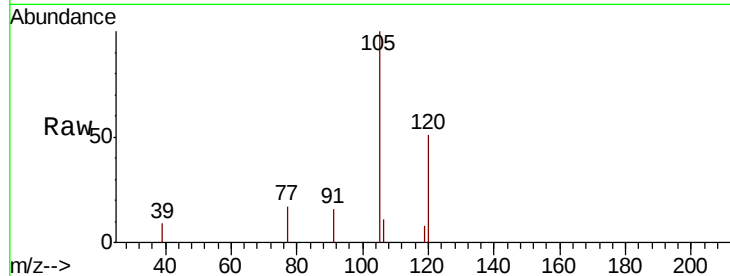




#84
 1,2,4-Trimethylbenzene
 Concen: 1.336 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007815.D
 Acq: 22 Dec 2018 00:10

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD007-0006-01

Tot Ion:105 Resp: 971
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.0 66.0



#88
 1,4-Dichlorobenzene
 Concen: 2.761 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007815.D
 Acq: 22 Dec 2018 00:10

Tgt Ion:146 Resp: 1049
 Ion Ratio Lower Upper
 146 100
 111 47.7 21.0 63.0
 148 61.3 31.8 95.4

