

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012024.D
 Acq On : 20 Aug 2019 12:01
 Operator : SY/VA
 Sample : K4391-06
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 N-WALL-0

Quant Time: Aug 20 17:35:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

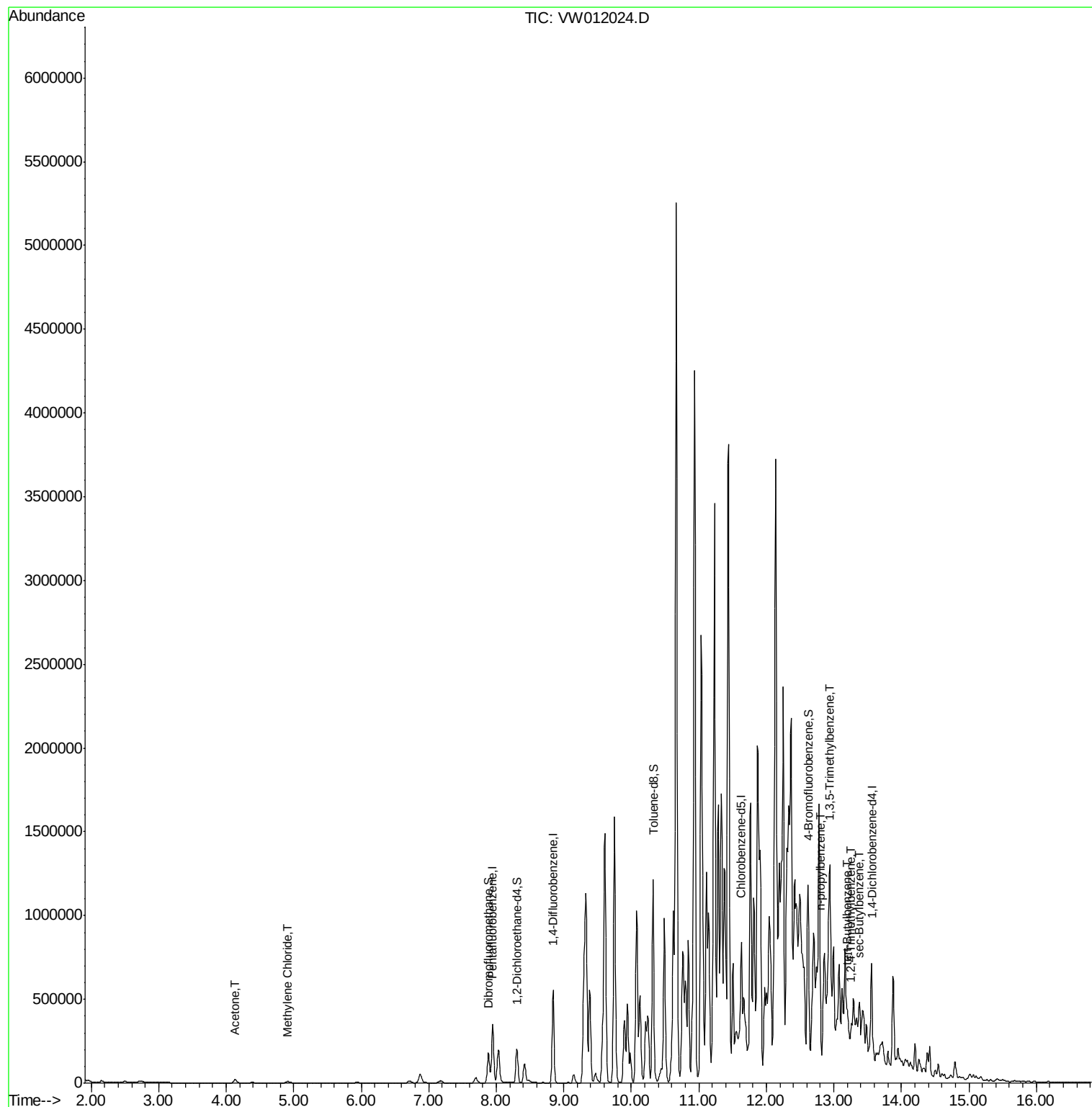
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	261893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	436743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	152653	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	160585	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
35) Dibromofluoromethane	7.88	113	131195	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
50) Toluene-d8	10.32	98	536565	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
62) 4-Bromofluorobenzene	12.62	95	236059	66.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.00%	
Target Compounds						
16) Acetone	4.13	43	42084	43.993	ug/l	99
20) Methylene Chloride	4.90	84	5139	1.558	ug/l	86
78) n-propylbenzene	12.80	91	27611	1.992	ug/l	89
80) 1,3,5-Trimethylbenzene	12.94	105	19597	2.053	ug/l	98
83) tert-Butylbenzene	13.21	119	39425	4.939	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	20718	2.154	ug/l	96
85) sec-Butylbenzene	13.38	105	76544	6.720	ug/l #	53

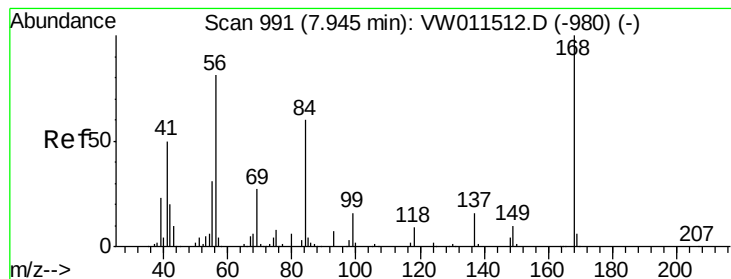
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012024.D

Acq: 20 Aug 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

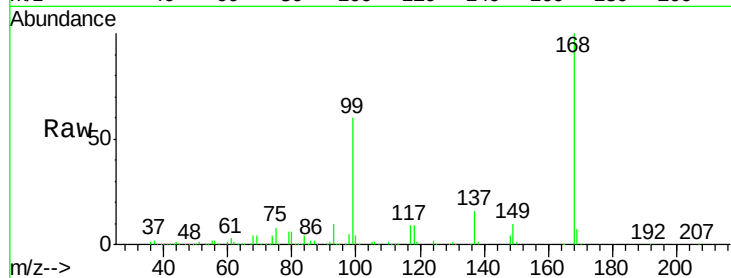
N-WALL-0

Tot Ion:168 Resp: 261893

Ion Ratio Lower Upper

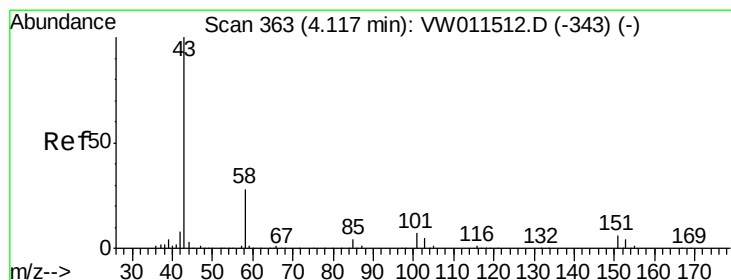
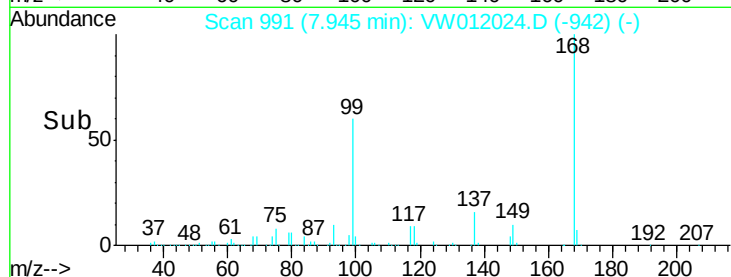
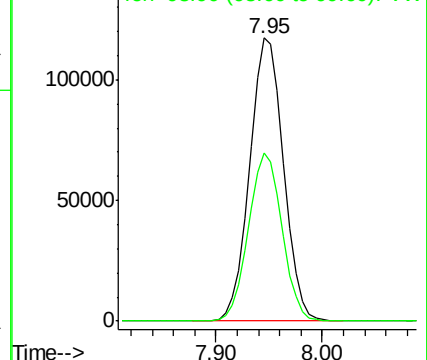
168 100

99 59.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 43.993 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012024.D

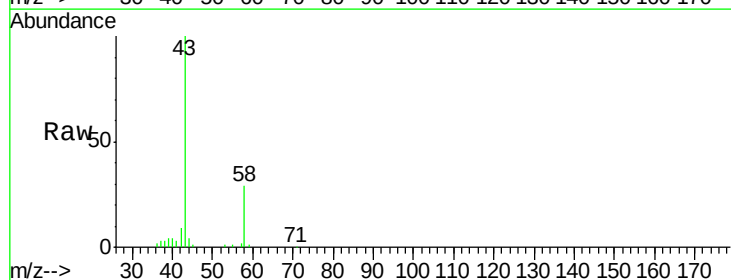
Acq: 20 Aug 2019 12:01

Tgt Ion: 43 Resp: 42084

Ion Ratio Lower Upper

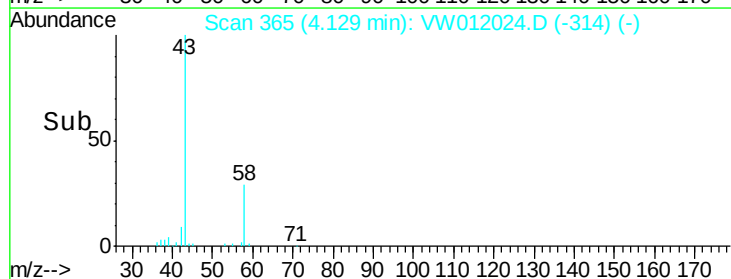
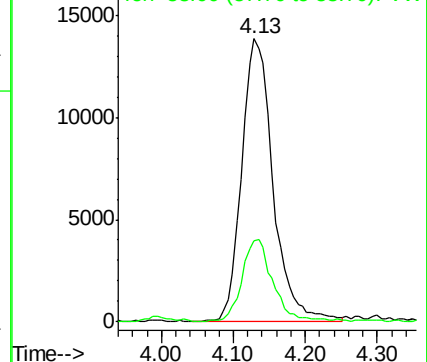
43 100

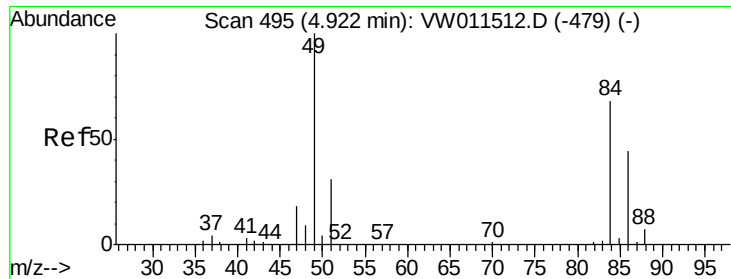
58 28.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

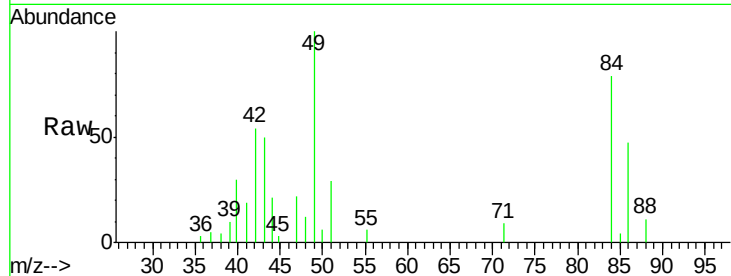




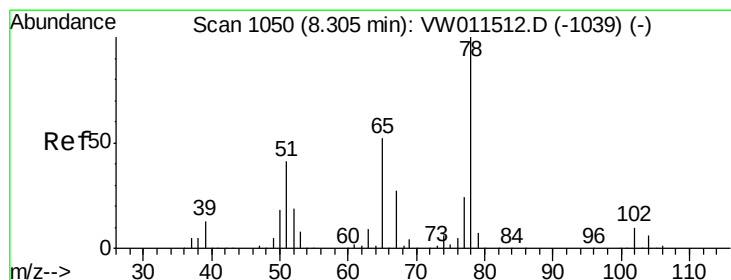
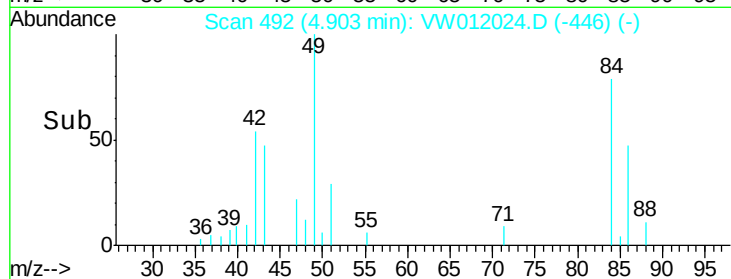
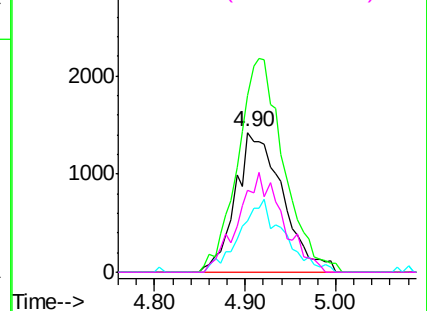
#20
Methylene Chloride
Concen: 1.558 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012024.D
Acq: 20 Aug 2019 12:01

Instrument :
MSVOA_W
ClientSampled :
N-WALL-0

Tot Ion:	84	Resp:	5139
Ion	Ratio	Lower	Upper
84	100		
49	126.8	117.8	176.6
51	37.0	37.0	55.4
86	59.2	51.8	77.8

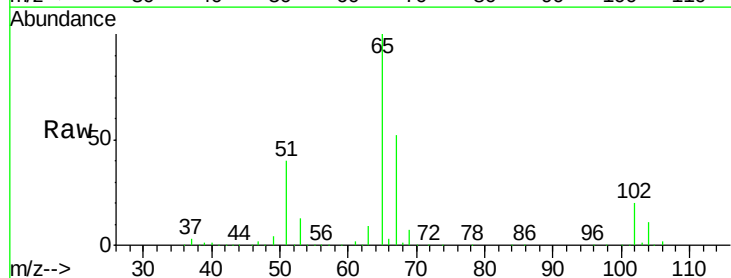


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

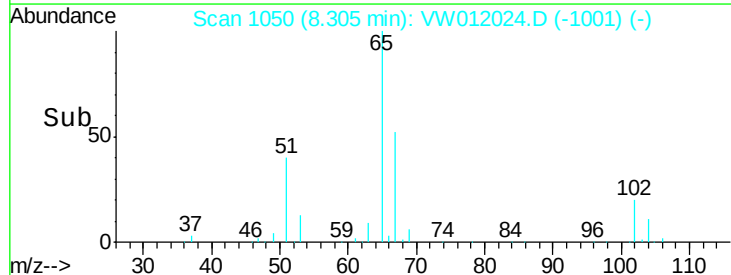
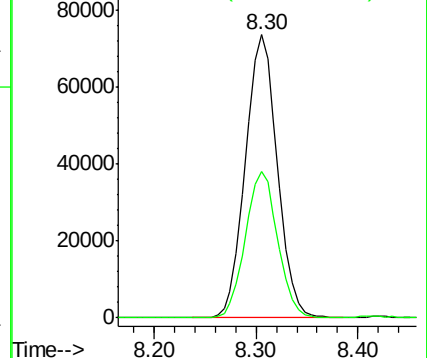


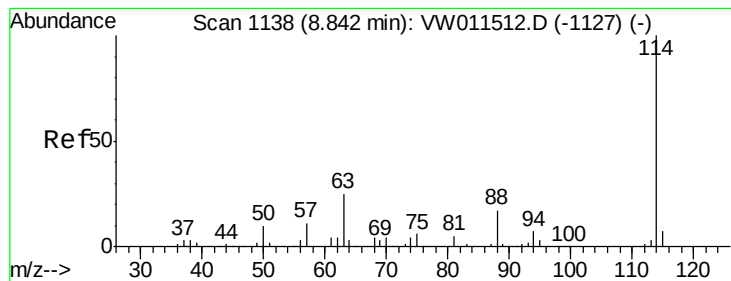
#33
1,2-Dichloroethane-d4
Concen: 53.399 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012024.D
Acq: 20 Aug 2019 12:01

Tgt Ion:	65	Resp:	160585
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.2



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: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012024.D

Acq: 20 Aug 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

N-WALL-0

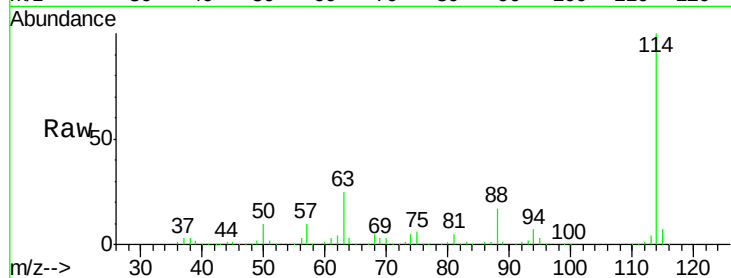
Tot Ion:114 Resp: 436743

Ion Ratio Lower Upper

114 100

63 24.5 0.0 49.2

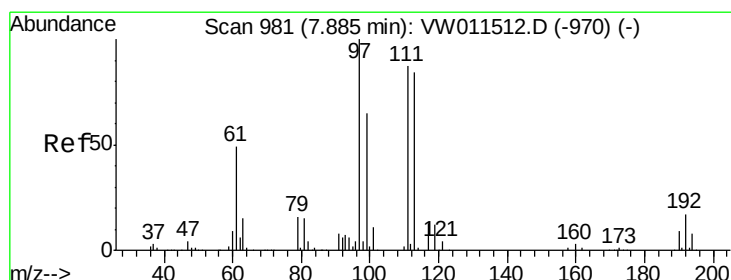
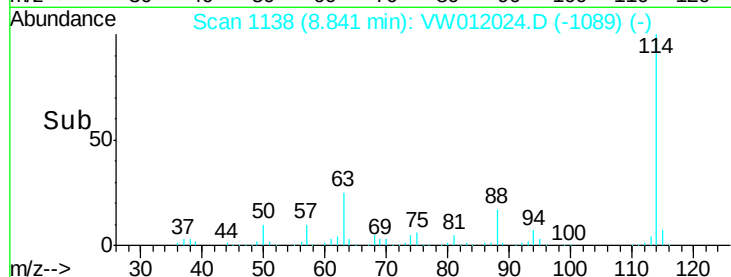
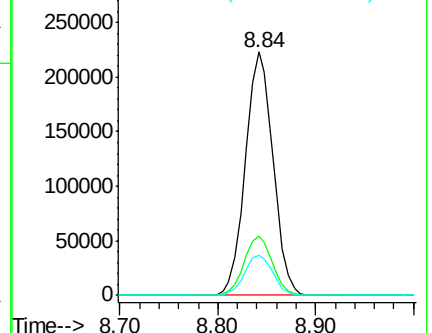
88 16.7 0.0 33.8



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: 53.544 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012024.D

Acq: 20 Aug 2019 12:01

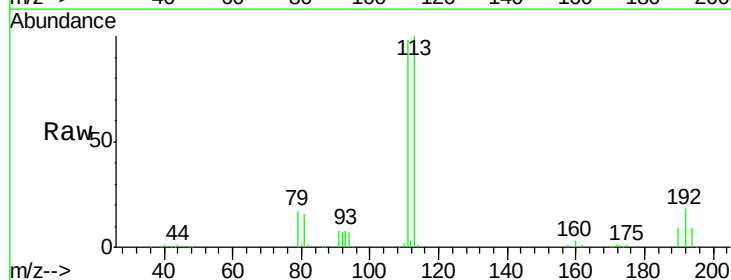
Tgt Ion:113 Resp: 131195

Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

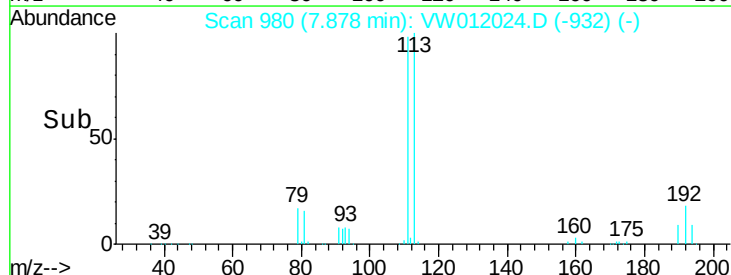
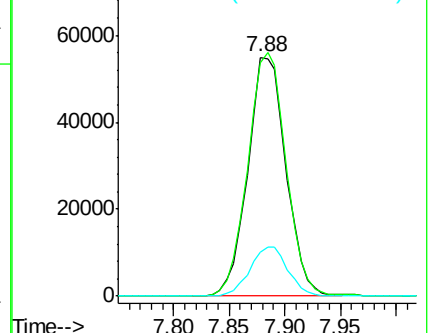
192 20.4 16.1 24.1

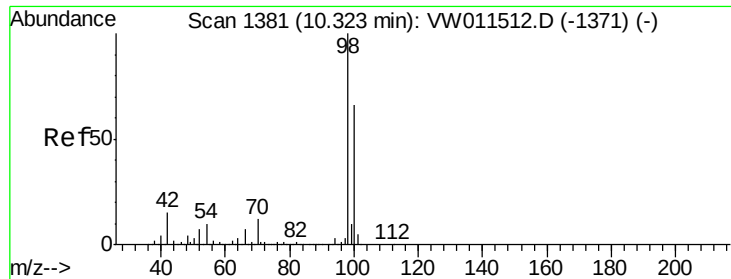


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

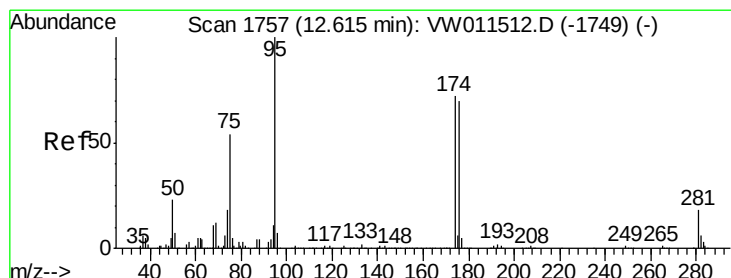
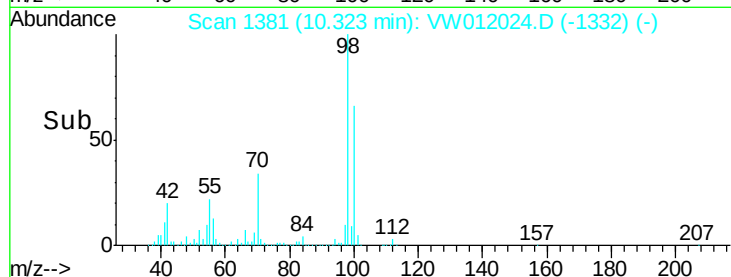
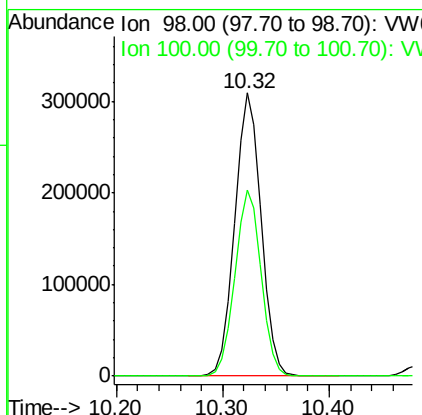
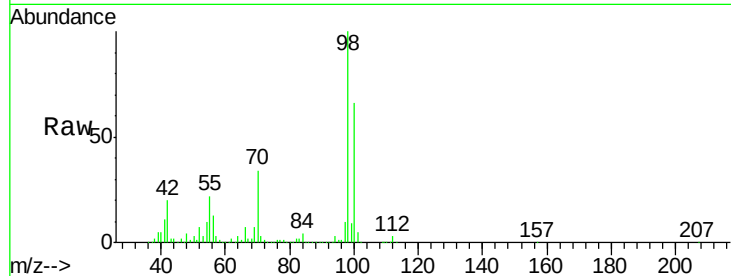




#50
Toluene-d8
Concen: 53.486 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012024.D
Acq: 20 Aug 2019 12:01

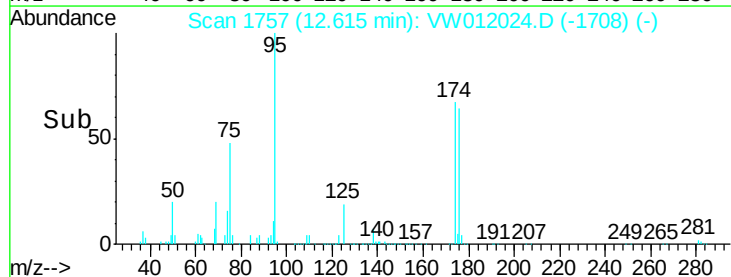
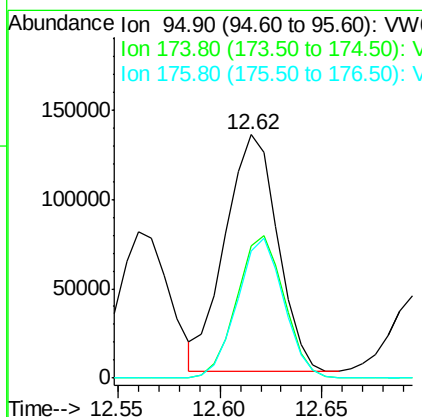
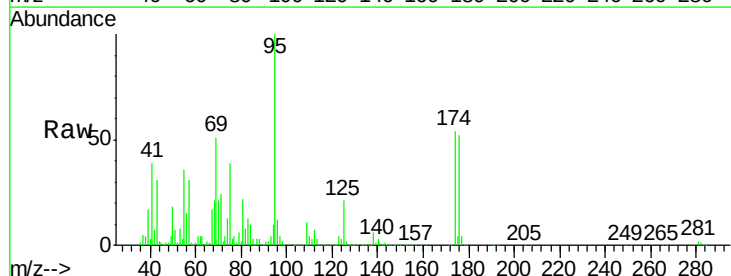
Instrument :
MSVOA_W
ClientSampled :
N-WALL-0

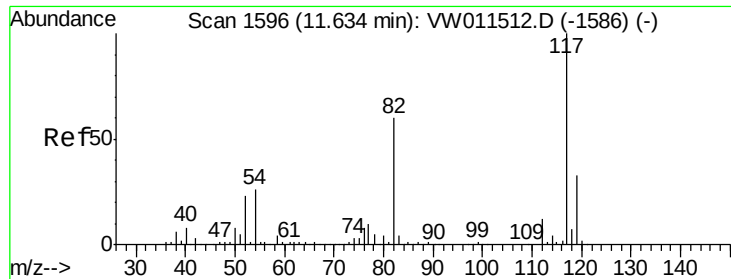
Tot Ion: 98 Resp: 536565
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 66.002 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012024.D
Acq: 20 Aug 2019 12:01

Tgt Ion: 95 Resp: 236059
Ion Ratio Lower Upper
95 100
174 54.8 0.0 150.2
176 52.5 0.0 144.4

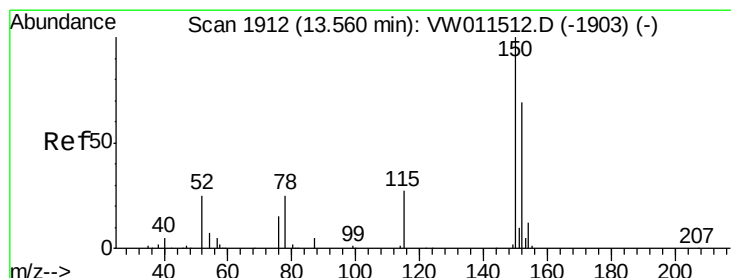
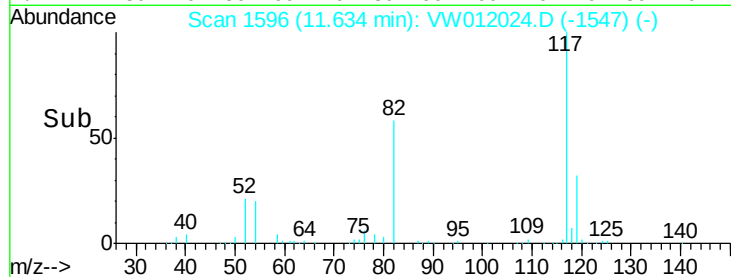
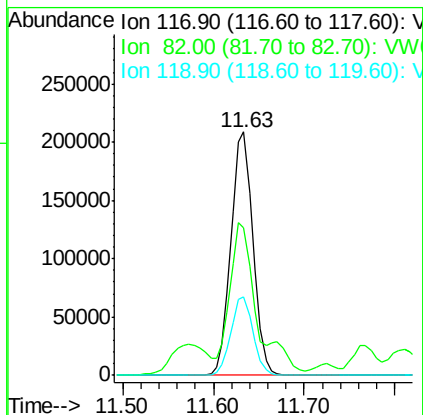
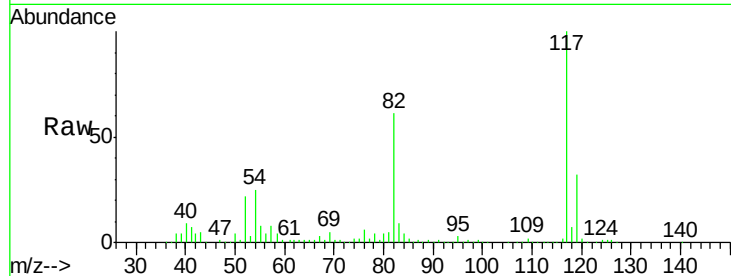




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012024.D
Acq: 20 Aug 2019 12:01

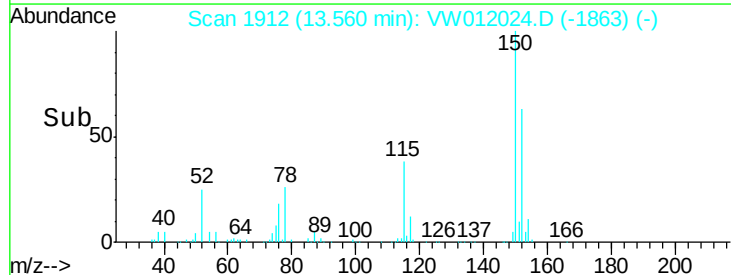
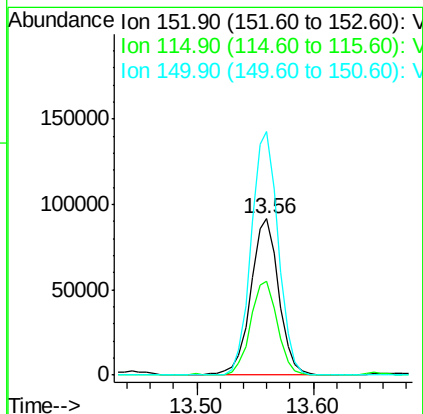
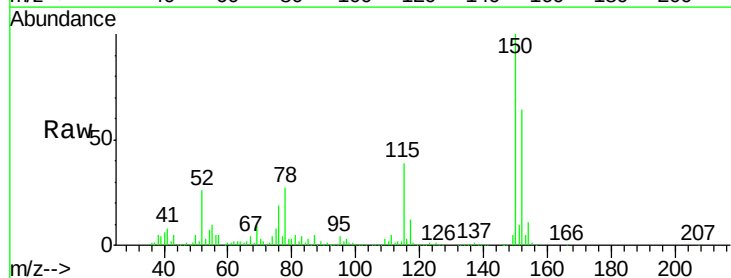
Instrument :
MSVOA_W
ClientSampleId :
N-WALL-0

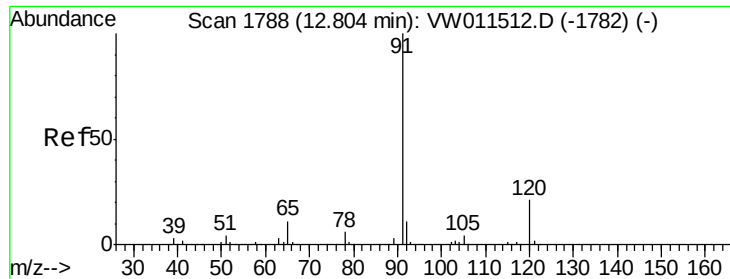
Tot Ion:117 Resp: 351627
Ion Ratio Lower Upper
117 100
82 57.6 47.9 71.9
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012024.D
Acq: 20 Aug 2019 12:01

Tgt Ion:152 Resp: 152653
Ion Ratio Lower Upper
152 100
115 57.7 30.5 91.5
150 151.1 0.0 352.6





#78

n-propylbenzene

Concen: 1.992 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW012024.D

Acq: 20 Aug 2019 12:01

Instrument :

MSVOA_W

ClientSampled :

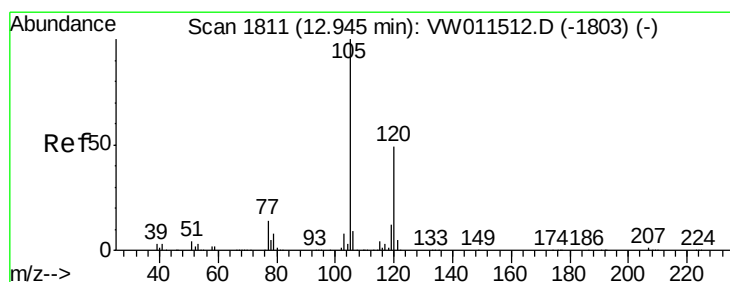
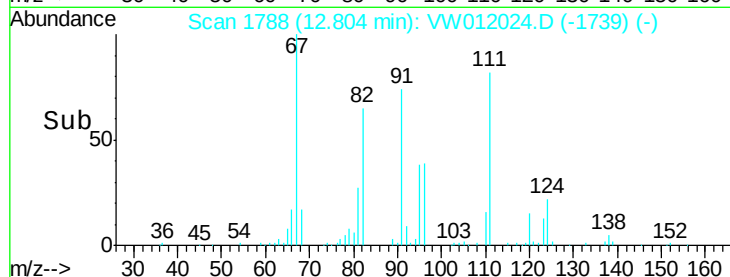
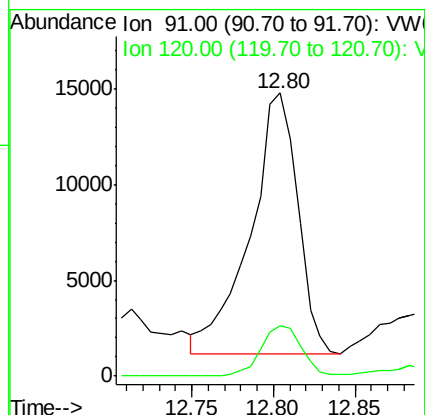
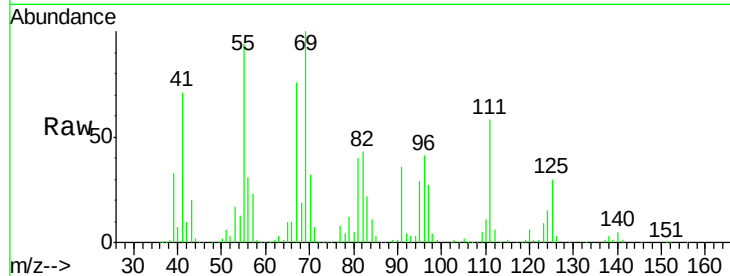
N-WALL-0

Tot Ion: 91 Resp: 27611

Ion Ratio Lower Upper

91 100

120 16.6 10.9 32.7



#80

1,3,5-Trimethylbenzene

Concen: 2.053 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012024.D

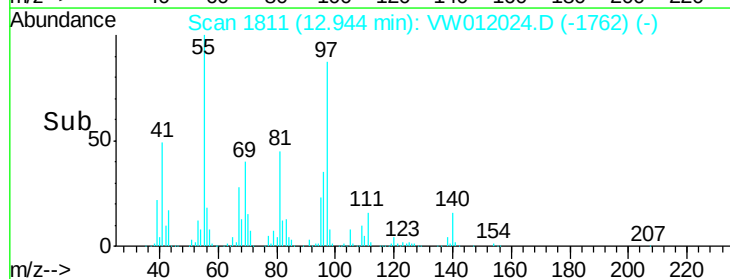
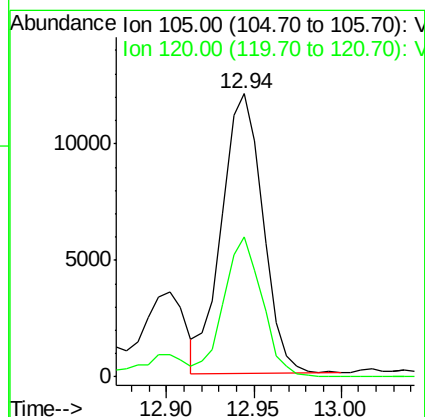
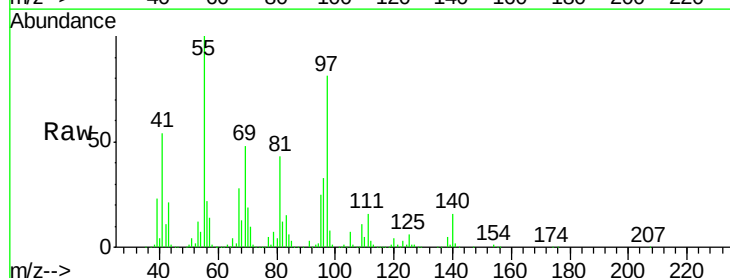
Acq: 20 Aug 2019 12:01

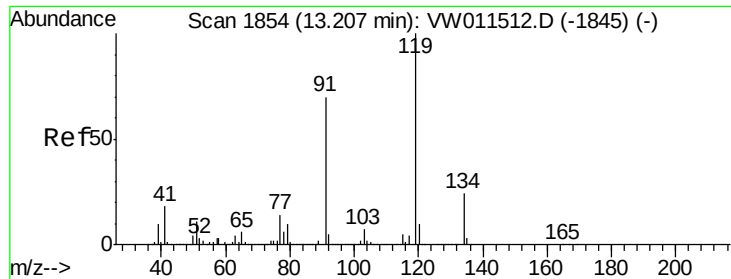
Tgt Ion:105 Resp: 19597

Ion Ratio Lower Upper

105 100

120 46.8 24.1 72.3

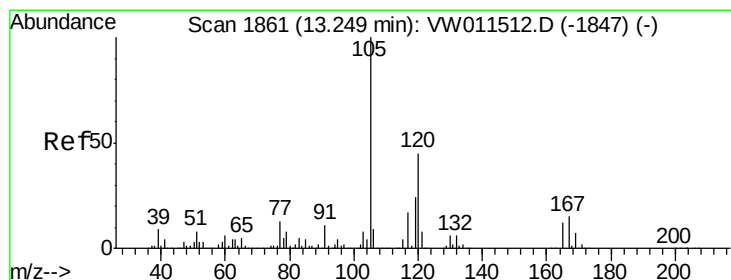
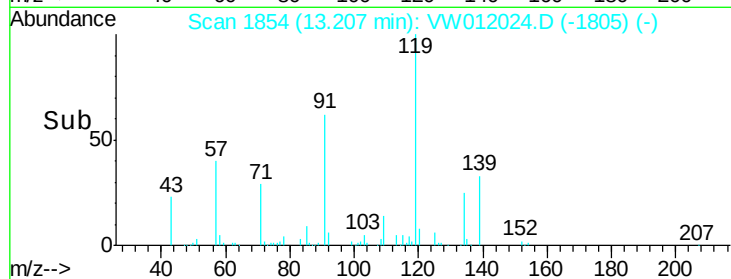
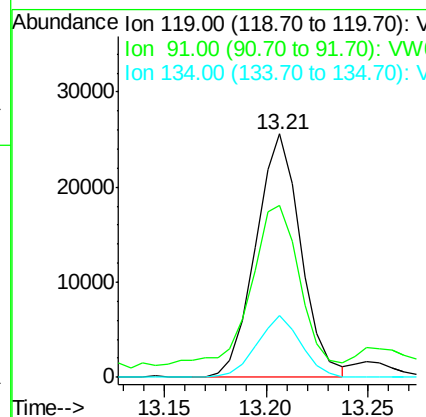
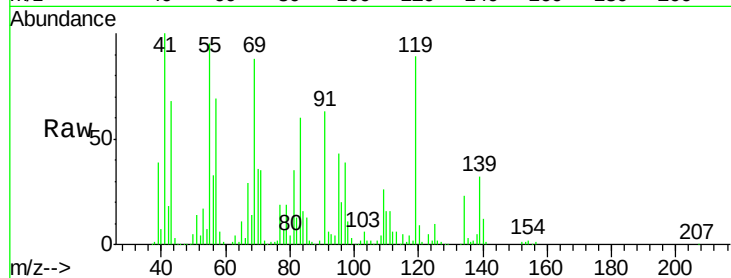




#83
 tert-Butylbenzene
 Concen: 4.939 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012024.D
 Acq: 20 Aug 2019 12:01

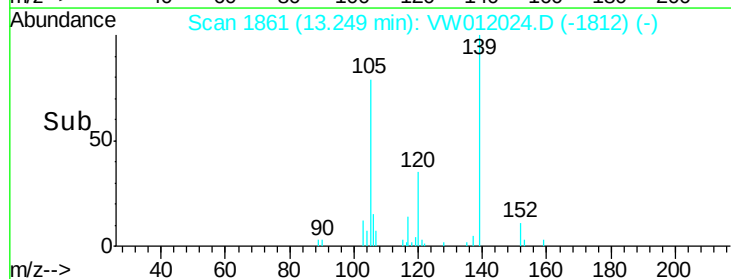
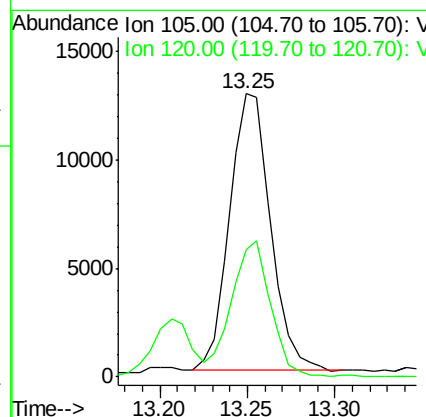
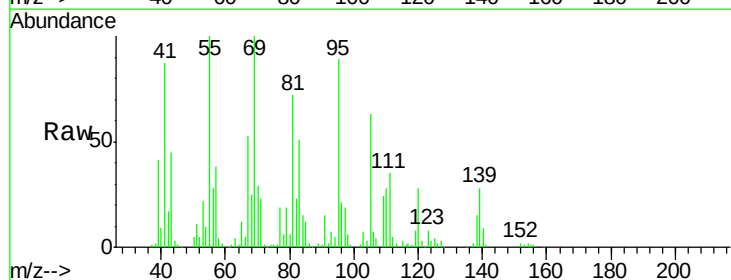
Instrument :
 MSVOA_W
 ClientSampled :
 N-WALL-0

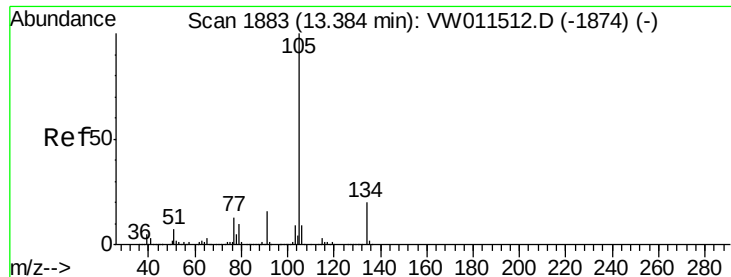
Tot Ion:119 Resp: 39425
 Ion Ratio Lower Upper
 119 100
 91 74.1 34.5 103.6
 134 24.8 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 2.154 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012024.D
 Acq: 20 Aug 2019 12:01

Tgt Ion:105 Resp: 20718
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.1 66.5





#85

sec-Butylbenzene

Concen: 6.720 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012024.D

Acq: 20 Aug 2019 12:01

Instrument :

MSVOA_W

ClientSampleId :

N-WALL-0

Tot Ion:105 Resp: 76544

Ion Ratio Lower Upper

105 100

134 40.8 9.7 29.1#

