

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052819\
 Data File : VW010570.D
 Acq On : 28 May 2019 16:33
 Operator : SY/VA
 Sample : K3041-06
 Misc : 3.27G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S2

Quant Time: May 29 07:39:04 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

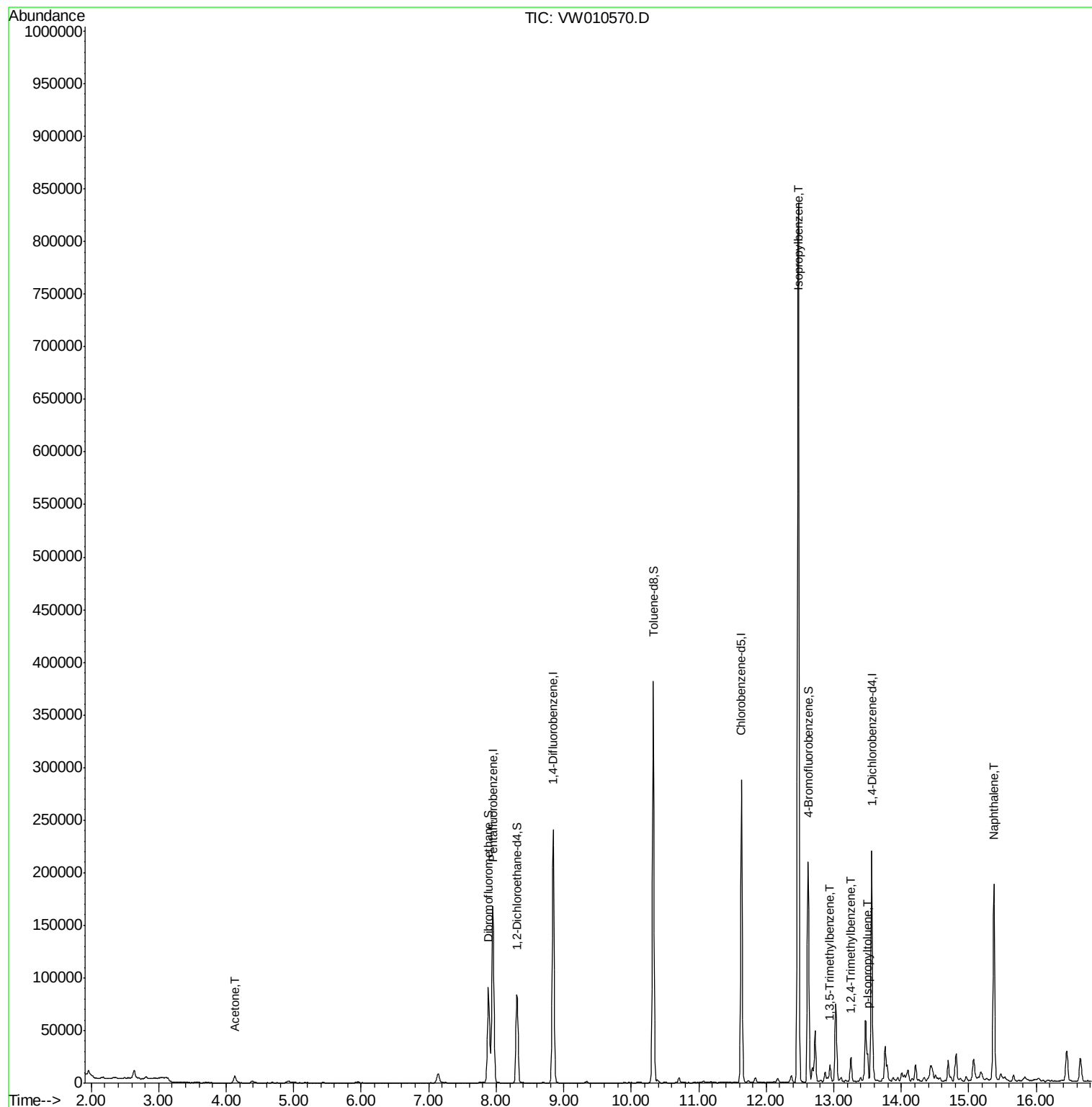
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	127634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	218746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	171274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	65851	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	7.88	113	67620	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	10.32	98	262850	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.62	95	77220	38.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.46%	
Target Compounds						
16) Acetone	4.13	43	11329	42.129	ug/l	98
73) Isopropylbenzene	12.48	105	40269	8.962	ug/l #	58
80) 1,3,5-Trimethylbenzene	12.94	105	7297	1.917	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	12880	3.398	ug/l	99
86) p-Isopropyltoluene	13.50	119	14392	3.418	ug/l #	76
95) Naphthalene	15.37	128	164720	64.159	ug/l	99

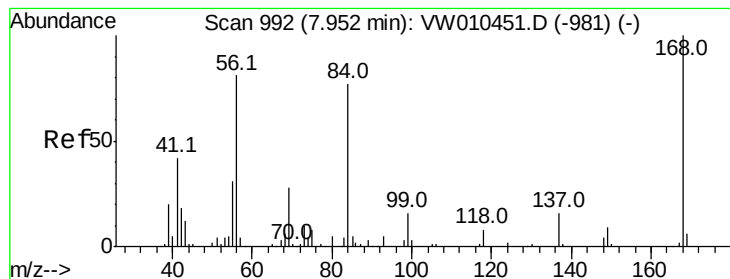
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 21 06:38:43 2019
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: VW010570.D

Acq: 28 May 2019 16:33

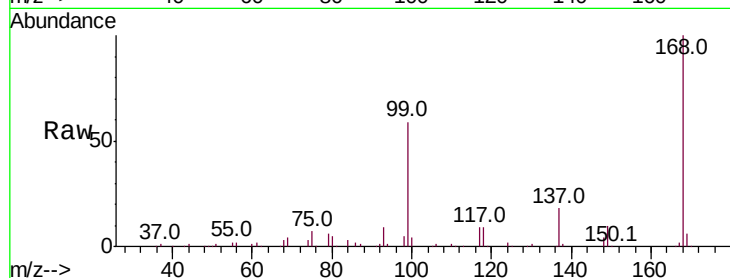
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S2

Tot Ion:168 Resp: 127634

Ion Ratio Lower Upper

168 100

99 59.5 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): VW010451.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW010451.D (-981) (-)

7.95

60000

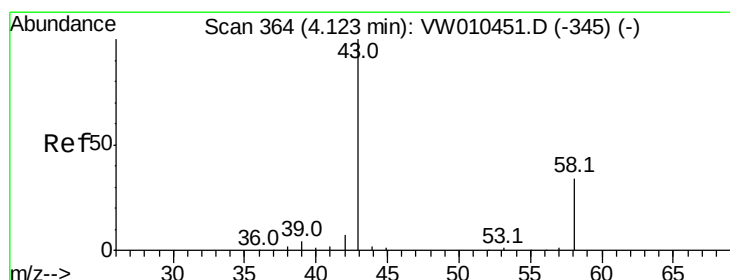
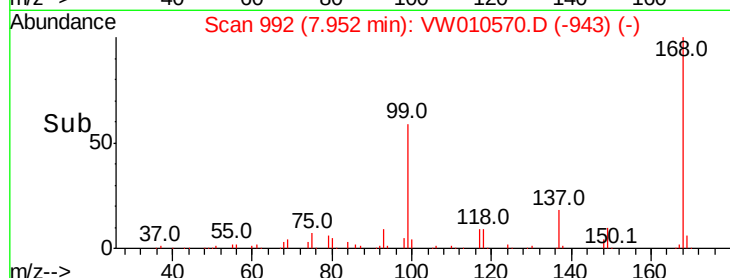
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 42.129 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010570.D

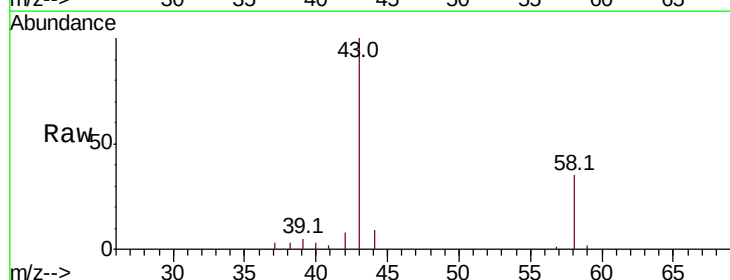
Acq: 28 May 2019 16:33

Tgt Ion: 43 Resp: 11329

Ion Ratio Lower Upper

43 100

58 34.6 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW010451.D (-345) (-)

Ion 58.00 (57.70 to 58.70): VW010451.D (-345) (-)

4.13

5000

4000

3000

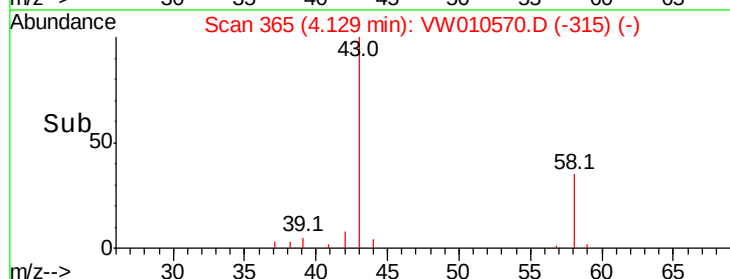
2000

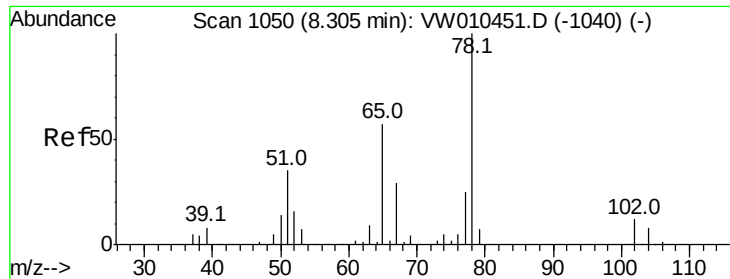
1000

0

4.00 4.10 4.20

Time-->

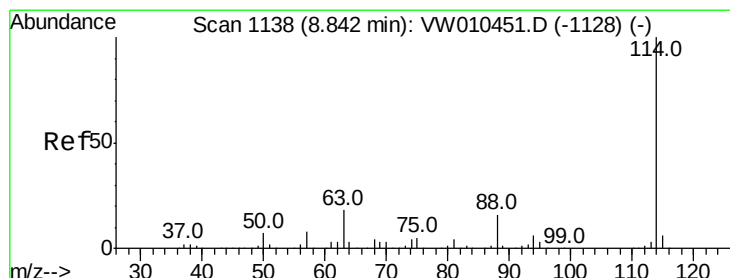
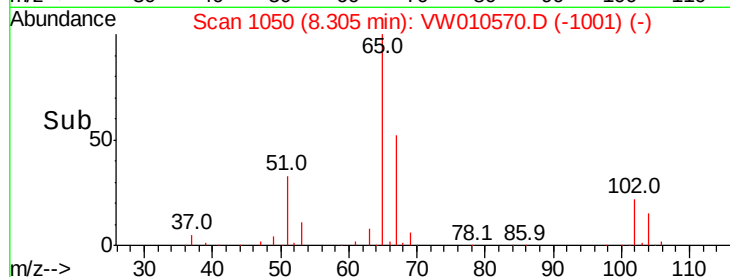
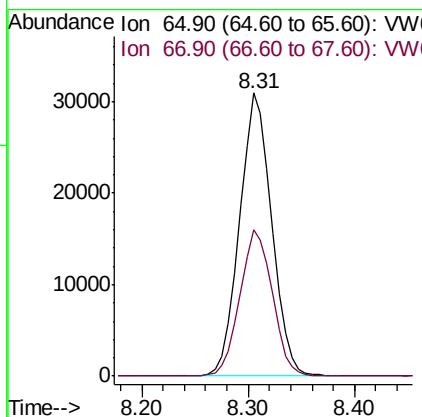
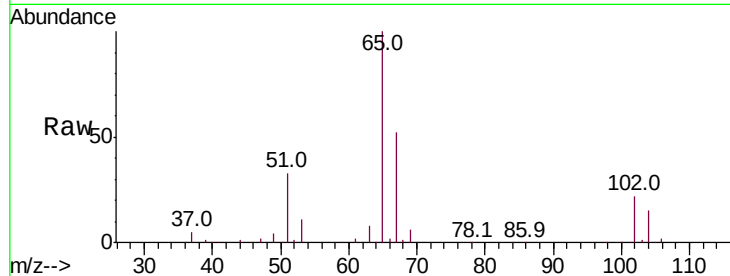




#33
 1,2-Dichloroethane-d4
 Concen: 49.986 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010570.D
 Acq: 28 May 2019 16:33

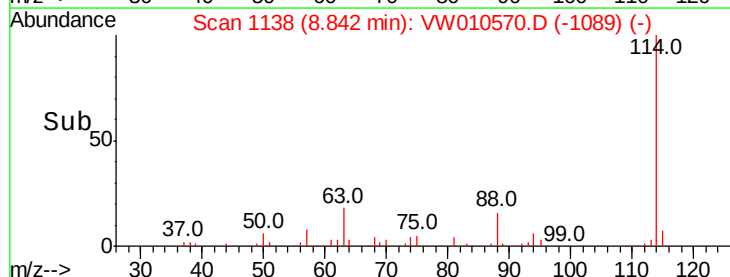
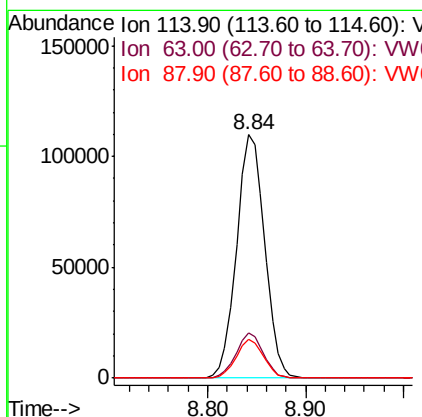
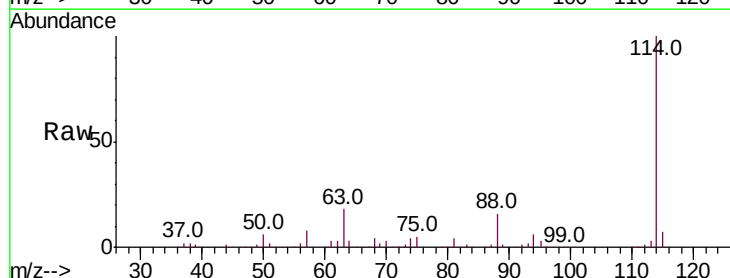
Instrument :
 MSVOA_W
 ClientSampled :
 TP-2-S2

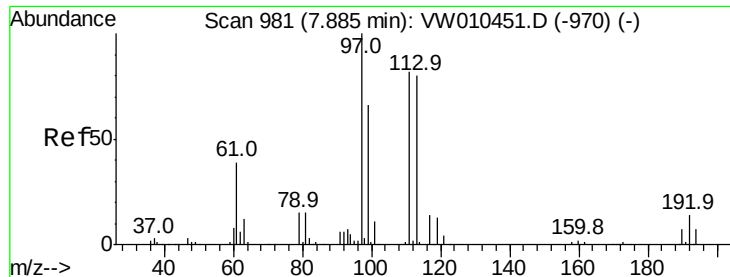
Tot Ion: 65 Resp: 65851
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010570.D
 Acq: 28 May 2019 16:33

Tgt Ion:114 Resp: 218746
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.0
 88 15.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.945 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010570.D

Acq: 28 May 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

TP-2-S2

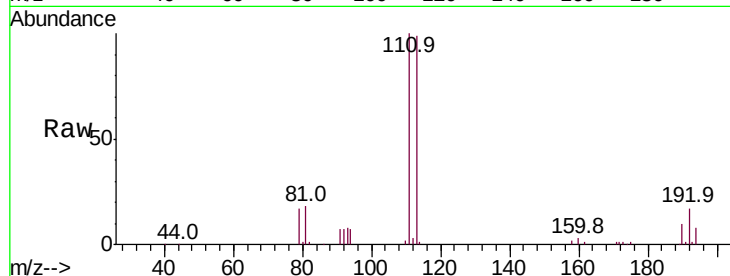
Tot Ion:113 Resp: 67620

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

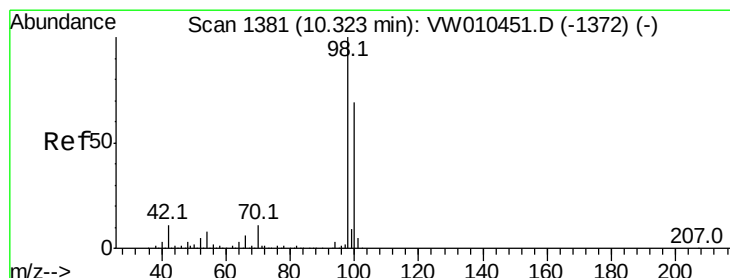
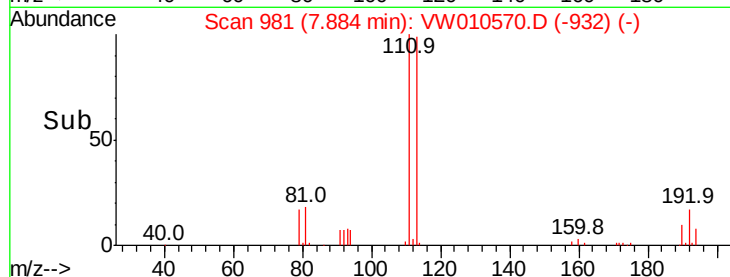
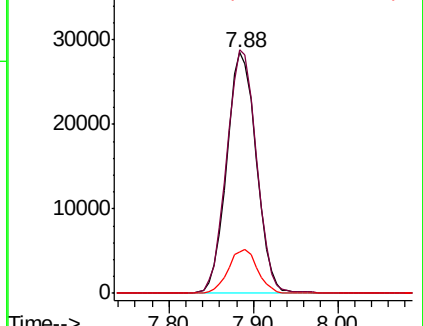
192 18.0 14.3 21.5



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: 51.838 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010570.D

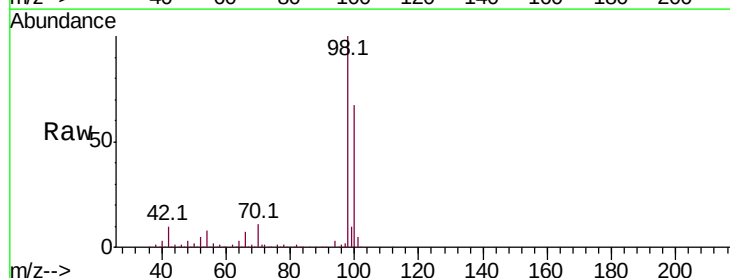
Acq: 28 May 2019 16:33

Tgt Ion: 98 Resp: 262850

Ion Ratio Lower Upper

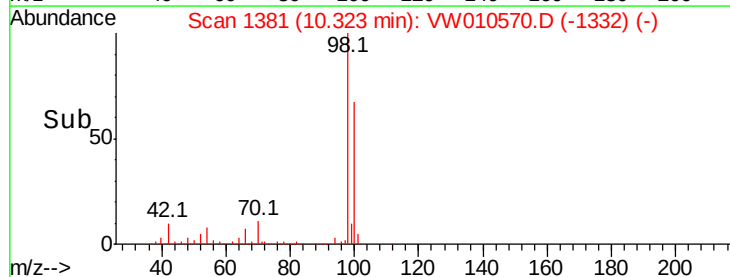
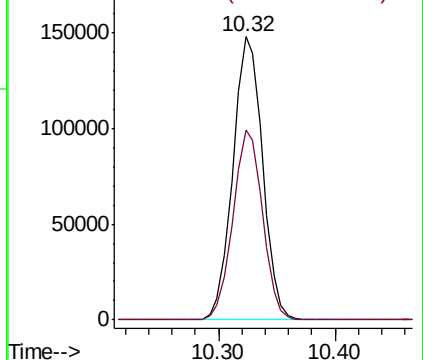
98 100

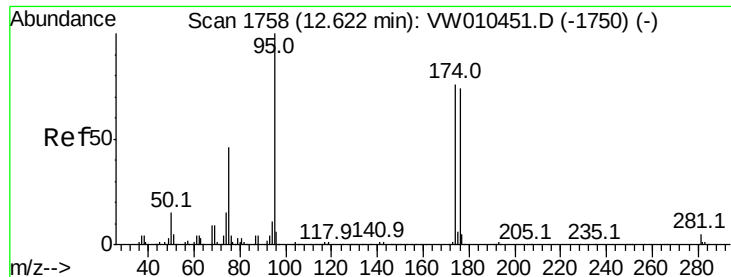
100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

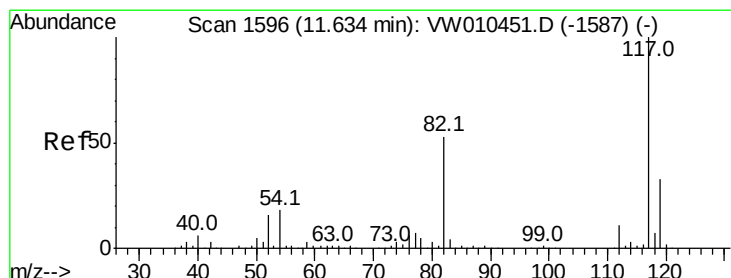
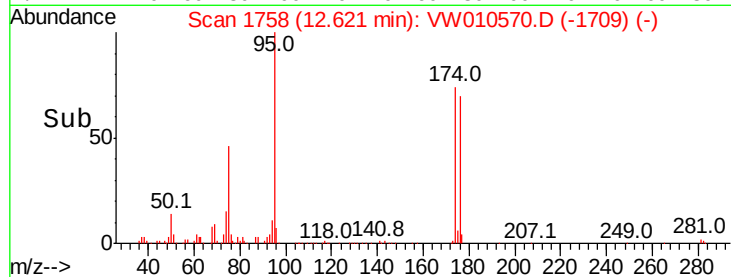
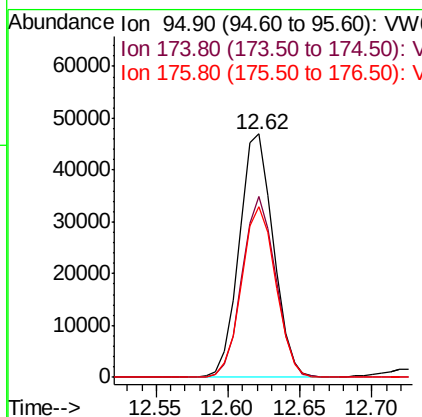
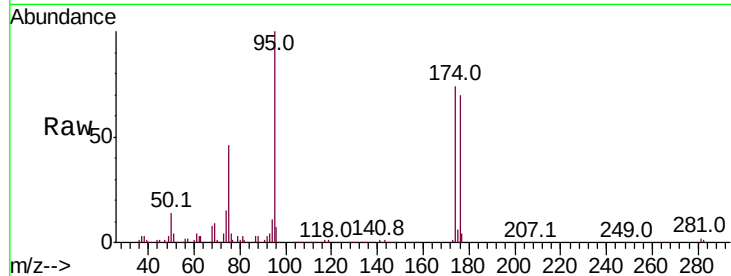




#62
4-Bromofluorobenzene
Concen: 38.233 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010570.D
Acq: 28 May 2019 16:33

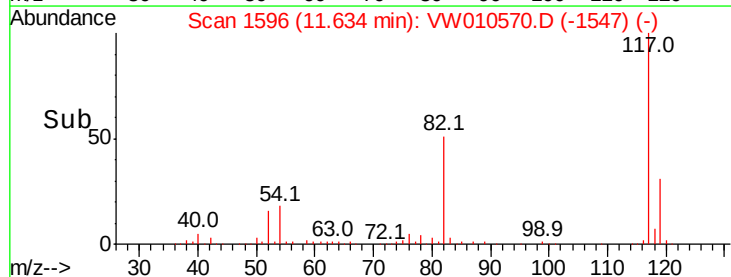
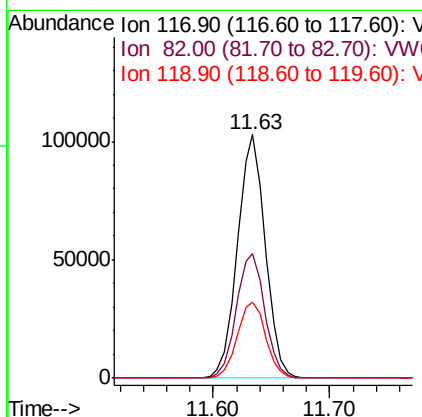
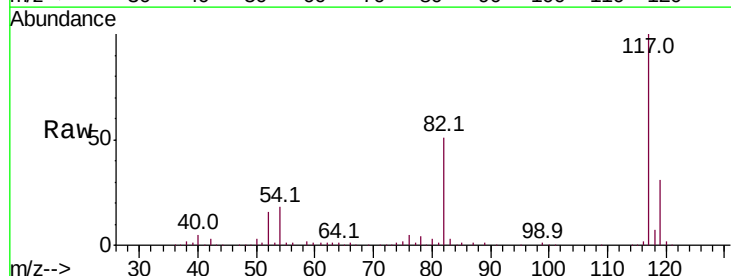
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S2

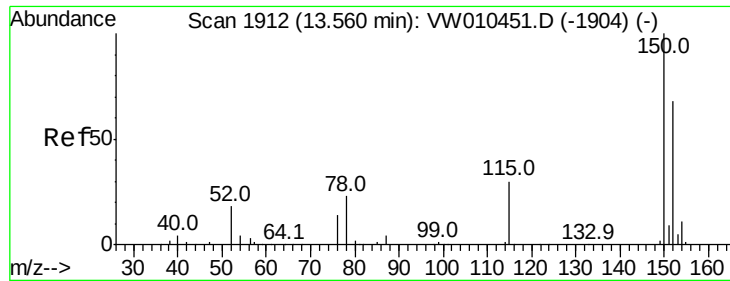
Tot Ion: 95 Resp: 77220
Ion Ratio Lower Upper
95 100
174 72.3 0.0 148.6
176 69.9 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010570.D
Acq: 28 May 2019 16:33

Tgt Ion: 117 Resp: 171274
Ion Ratio Lower Upper
117 100
82 51.3 42.8 64.2
119 31.4 26.3 39.5

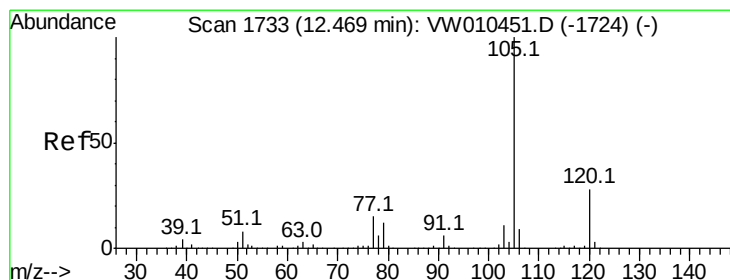
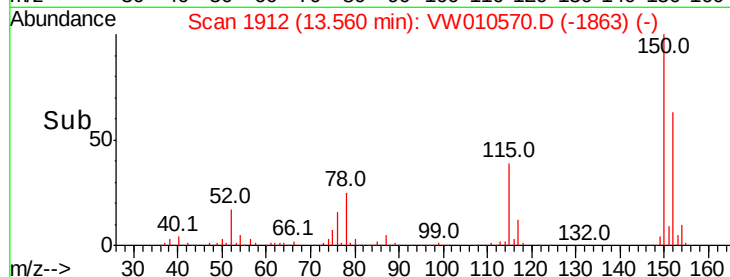
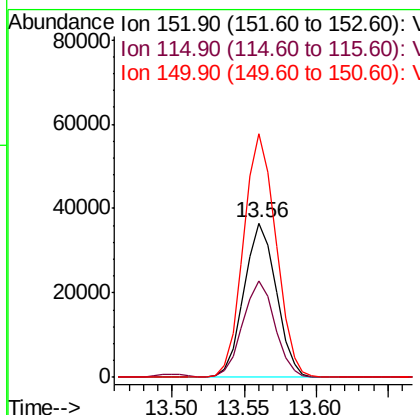
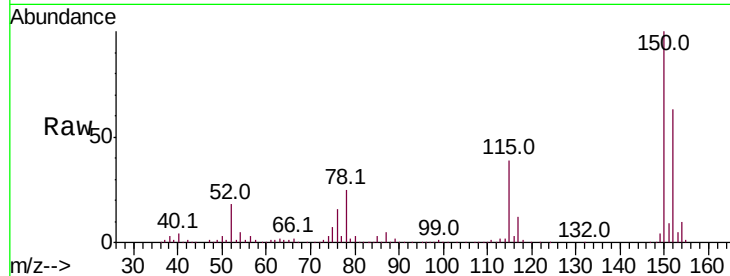




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW010570.D
 Acq: 28 May 2019 16:33

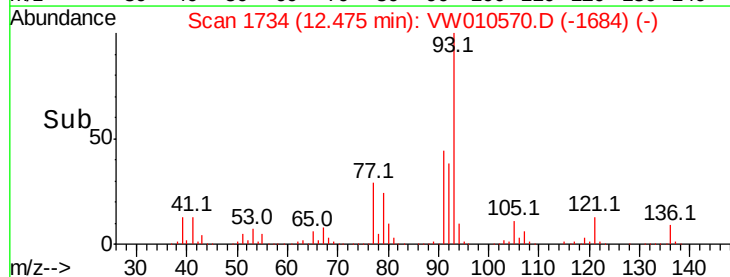
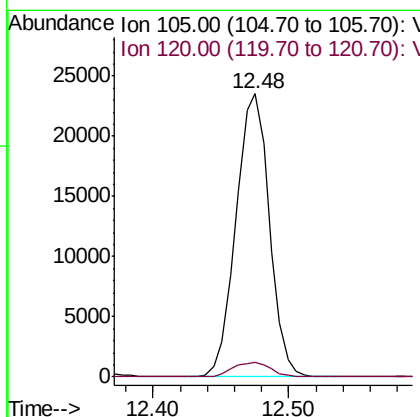
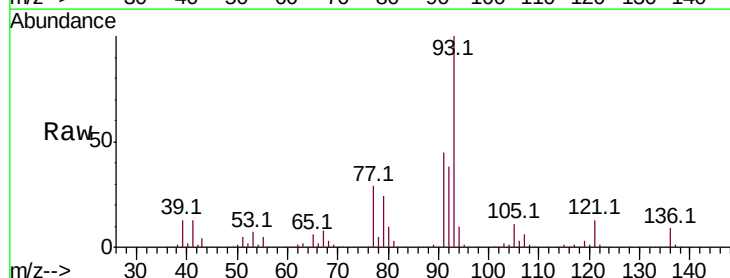
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S2

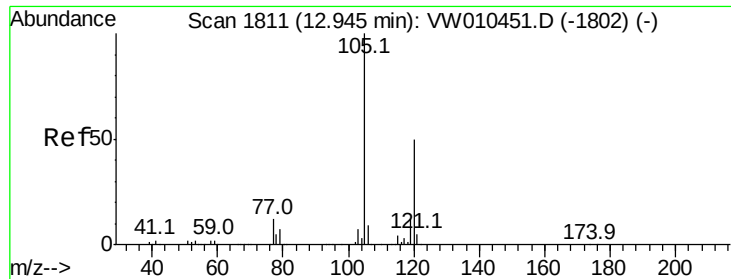
Tot Ion:152 Resp: 56627
 Ion Ratio Lower Upper
 152 100
 115 62.7 30.3 91.0
 150 159.0 0.0 349.8



#73
 Isopropylbenzene
 Concen: 8.962 ug/l
 RT: 12.48 min Scan# 1734
 Delta R.T. 0.01 min
 Lab File: VW010570.D
 Acq: 28 May 2019 16:33

Tgt Ion:105 Resp: 40269
 Ion Ratio Lower Upper
 105 100
 120 5.7 13.9 41.7#

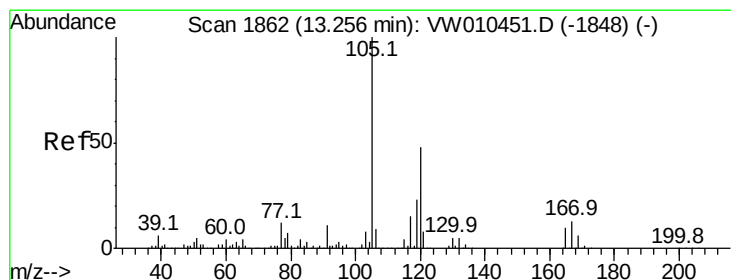
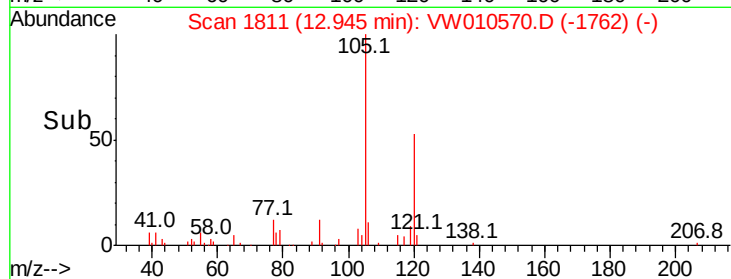
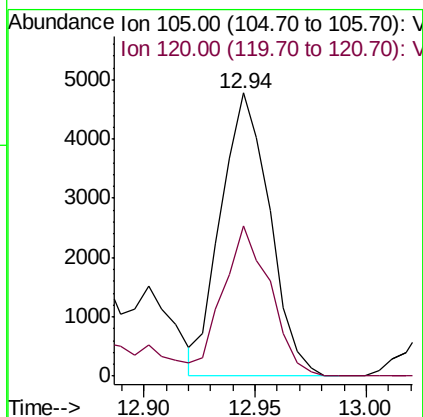
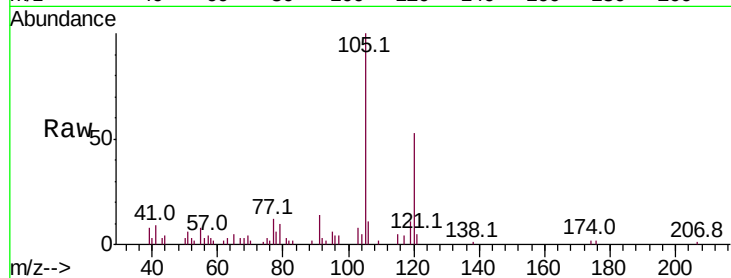




#80
 1,3,5-Trimethylbenzene
 Concen: 1.917 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010570.D
 Acq: 28 May 2019 16:33

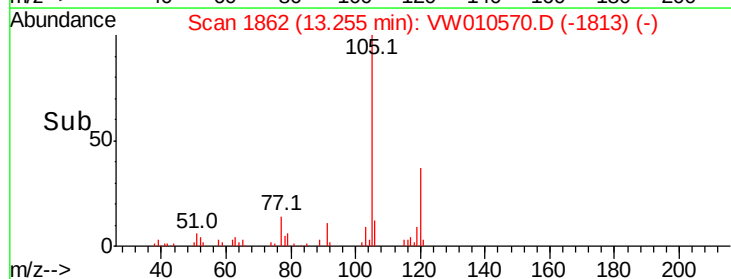
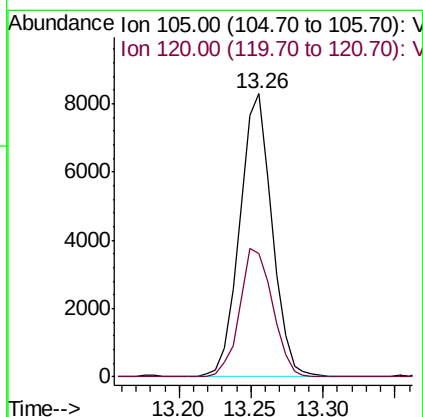
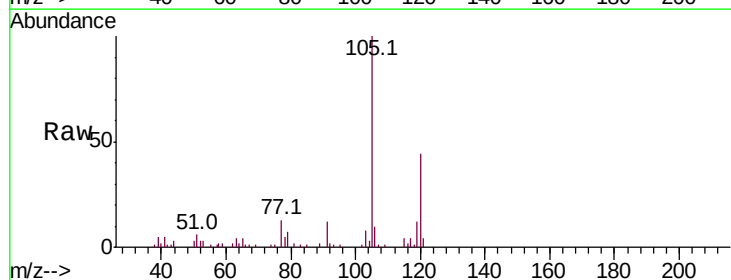
Instrument :
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 ClientSampleId :
 TP-2-S2

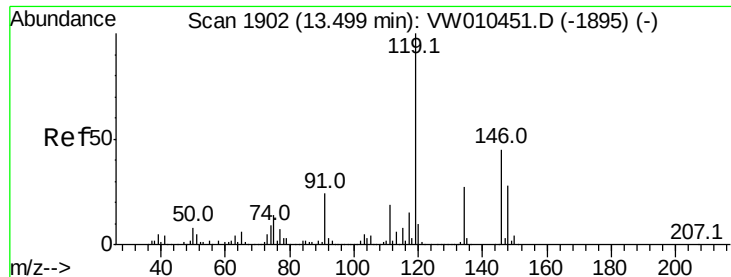
Tot Ion:105 Resp: 7297
 Ion Ratio Lower Upper
 105 100
 120 51.6 25.2 75.6



#84
 1,2,4-Trimethylbenzene
 Concen: 3.398 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010570.D
 Acq: 28 May 2019 16:33

Tgt Ion:105 Resp: 12880
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.4 70.2

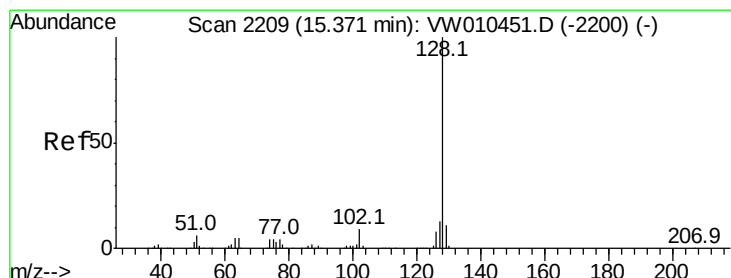
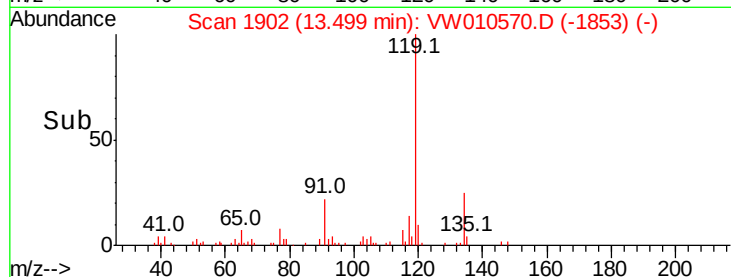
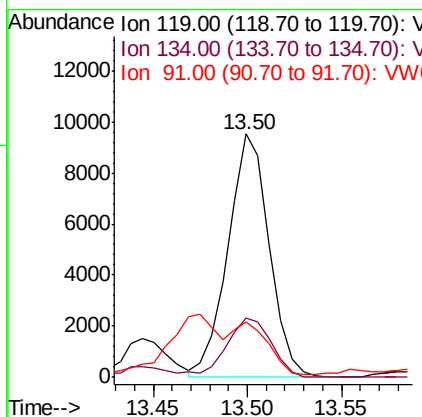
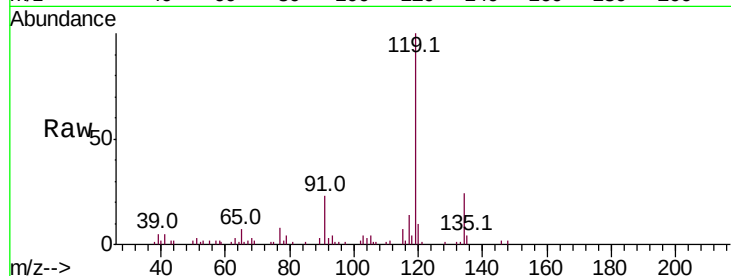




#86
 p-Isopropyltoluene
 Concen: 3.418 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010570.D
 Acq: 28 May 2019 16:33

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S2

Tot Ion:119 Resp: 14392
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 0.0 11.9 35.7#



#95
 Naphthalene
 Concen: 64.159 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW010570.D
 Acq: 28 May 2019 16:33

Tgt Ion:128 Resp: 164720
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.6 15.8
 129 10.8 8.9 13.3

