

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015228.D
 Acq On : 20 Apr 2020 17:35
 Operator : SY/VA
 Sample : L2330-01
 Misc : 4.64G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WB-9-1

Quant Time: Apr 21 07:18:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	187735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	257913	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	234204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105632	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	72703	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
35) Dibromofluoromethane	7.88	113	74021	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
50) Toluene-d8	10.32	98	312430	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.62	95	106415	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	

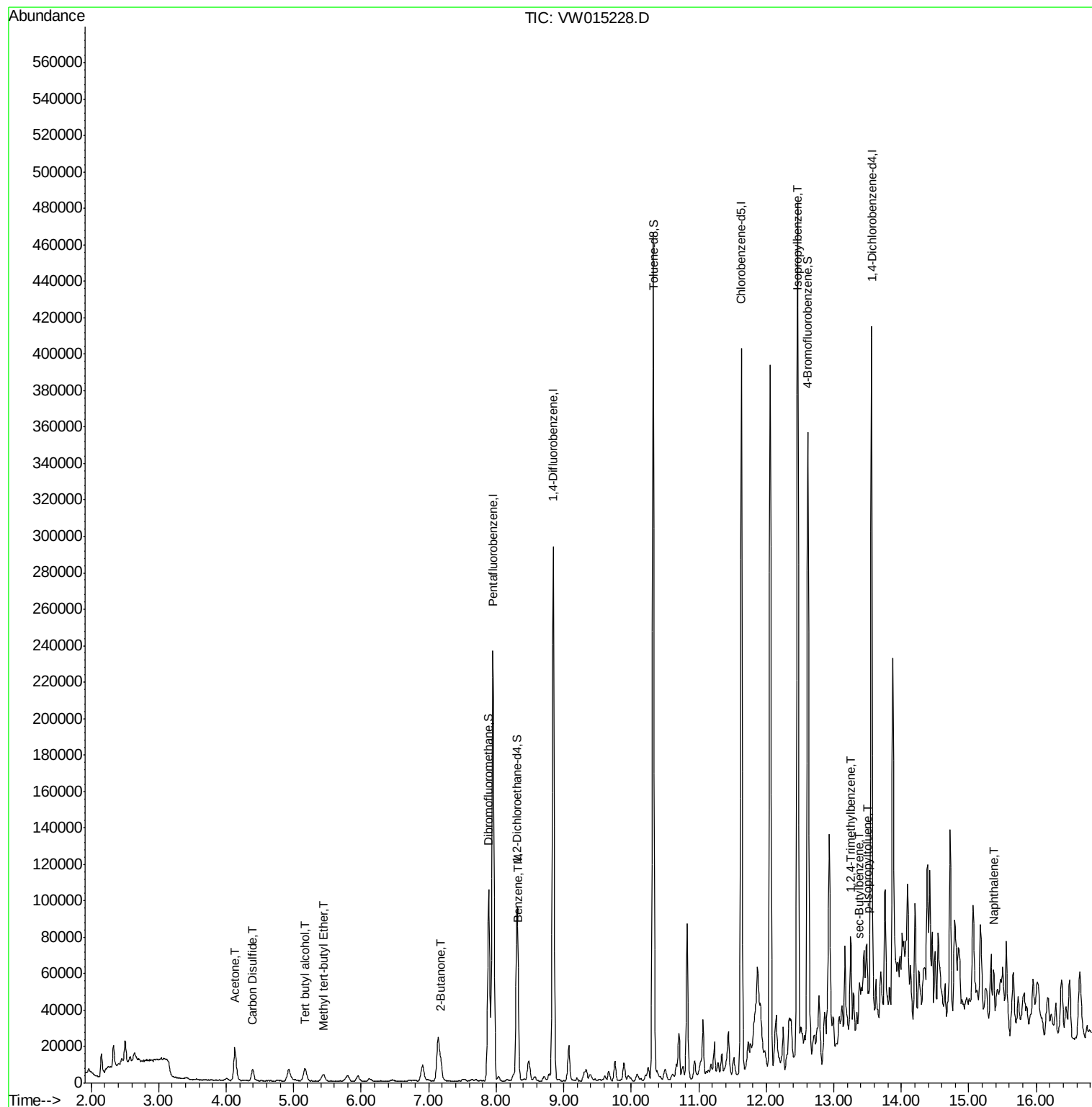
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	13951	111.480	ug/l #	94
16) Acetone	4.13	43	31458	117.319	ug/l	95
17) Carbon Disulfide	4.39	76	9962	2.093	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	5731	1.559	ug/l #	86
25) 2-Butanone	7.18	43	16532	46.471	ug/l	95
40) Benzene	8.33	78	10354	1.665	ug/l	99
73) Isopropylbenzene	12.46	105	291193	39.759	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	34266	5.507	ug/l	98
85) sec-Butylbenzene	13.38	105	11052	1.451	ug/l	84
86) p-Isopropyltoluene	13.50	119	9231	1.305	ug/l	95
95) Naphthalene	15.36	128	23672	7.287	ug/l	97

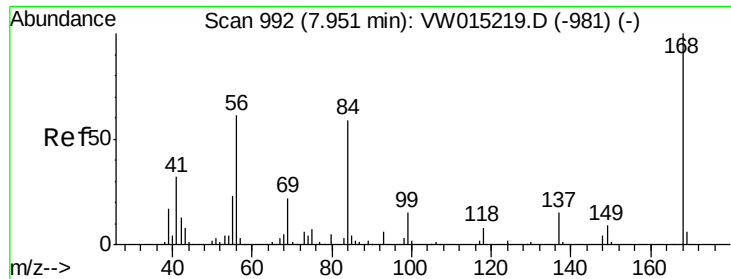
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042020\
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Quant Time: Apr 21 07:18:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
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QLast Update : Tue Apr 21 06:39:58 2020
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: VW015228.D

Acq: 20 Apr 2020 17:35

Instrument :

MSVOA_W

ClientSampleId :

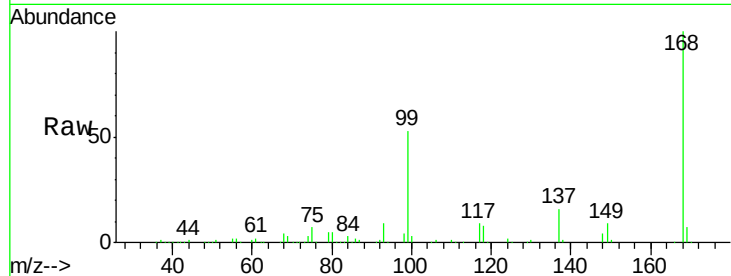
WB-9-1

Tot Ion:168 Resp: 187735

Ion Ratio Lower Upper

168 100

99 52.8 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

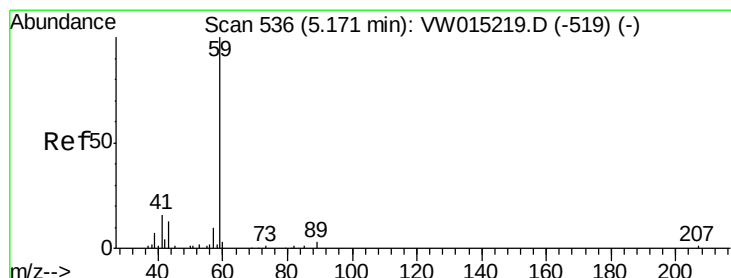
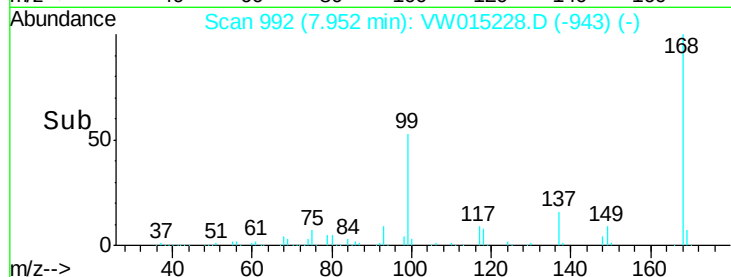
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 111.480 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW015228.D

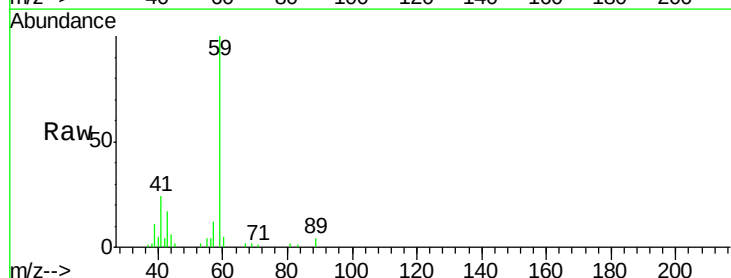
Acq: 20 Apr 2020 17:35

Tgt Ion: 59 Resp: 13951

Ion Ratio Lower Upper

59 100

57 12.9 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

4000

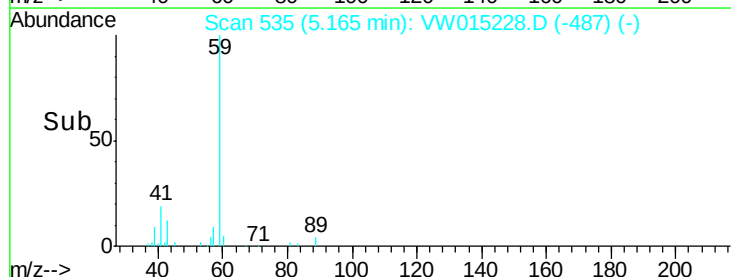
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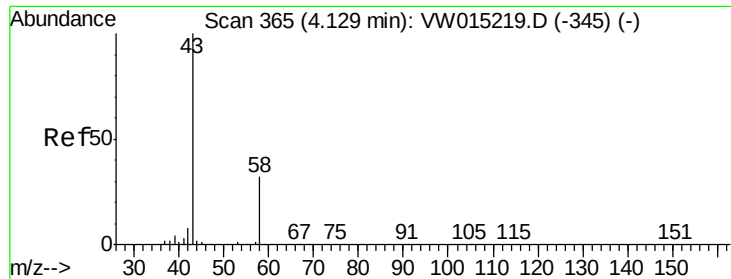
2000

1000

0

Time--> 5.00 5.10 5.20 5.30





#16

Acetone

Concen: 117.319 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015228.D

Acq: 20 Apr 2020 17:35

Instrument :

MSVOA_W

ClientSampleId :

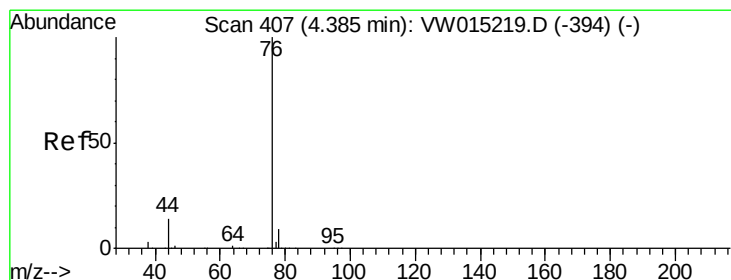
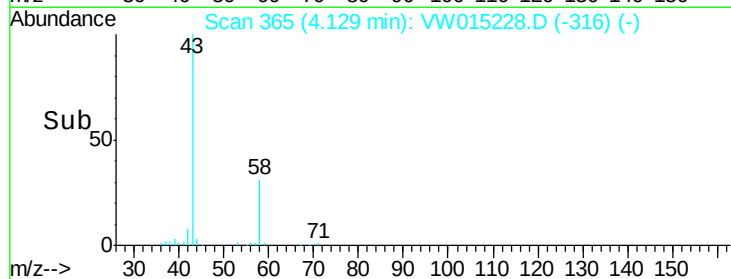
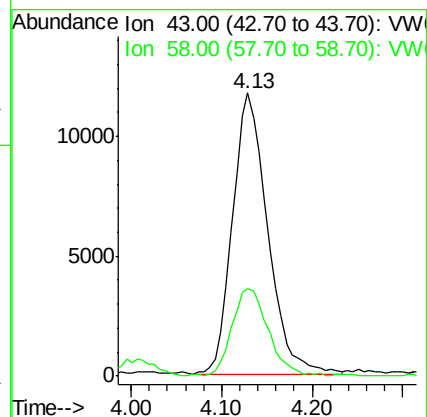
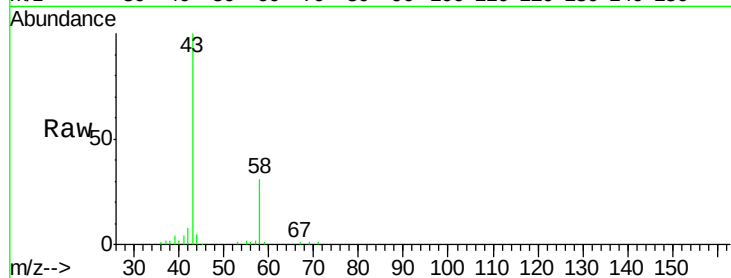
WB-9-1

Tot Ion: 43 Resp: 31458

Ion Ratio Lower Upper

43 100

58 30.7 27.0 40.4



#17

Carbon Disulfide

Concen: 2.093 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW015228.D

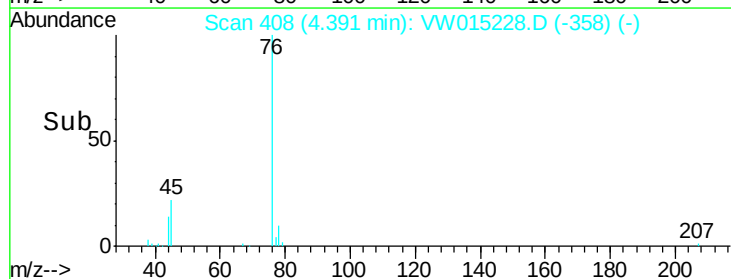
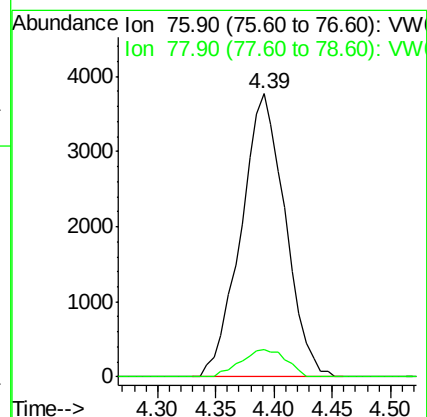
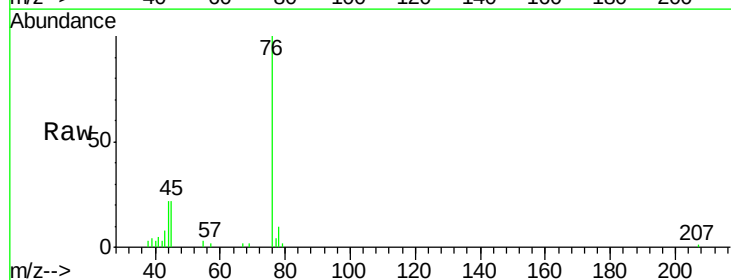
Acq: 20 Apr 2020 17:35

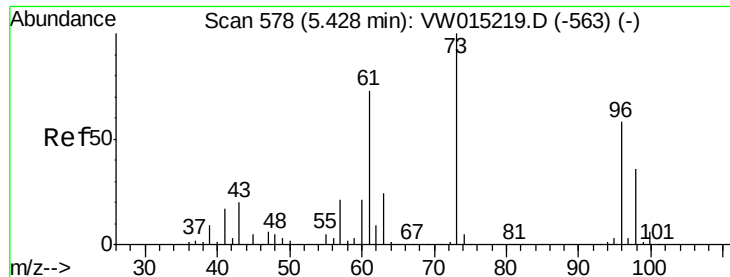
Tgt Ion: 76 Resp: 9962

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6

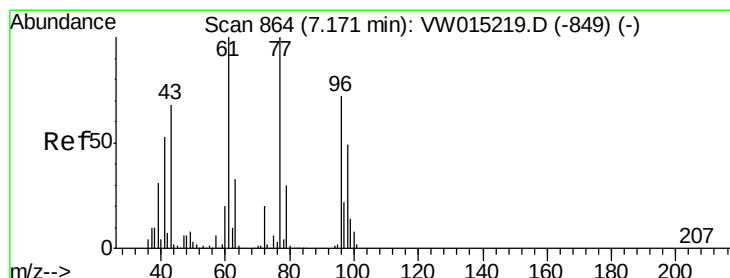
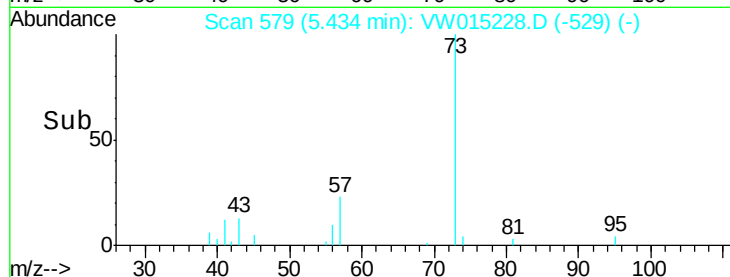
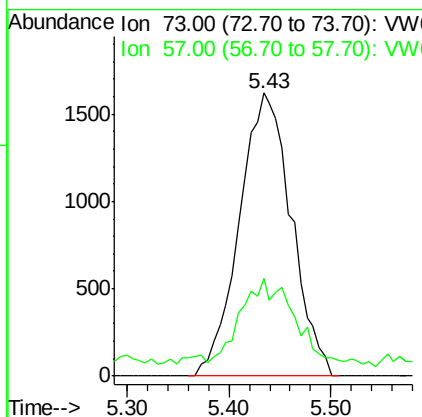
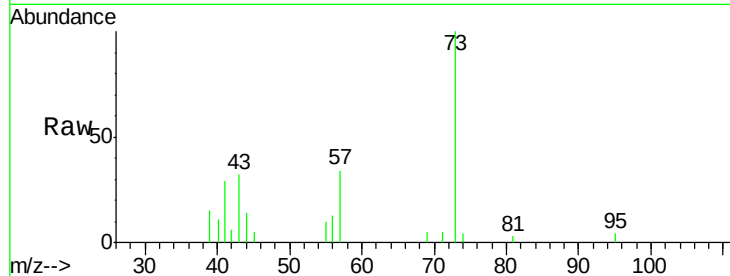




#19
Methyl tert-butyl Ether
Concen: 1.559 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW015228.D
Acq: 20 Apr 2020 17:35

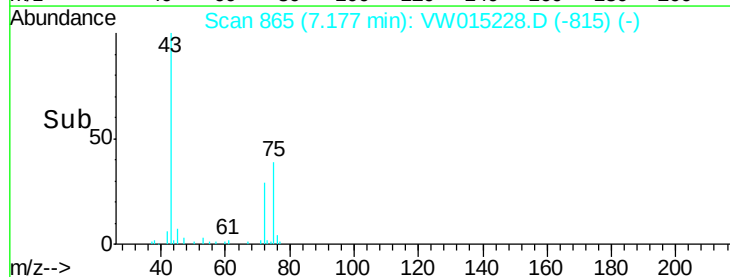
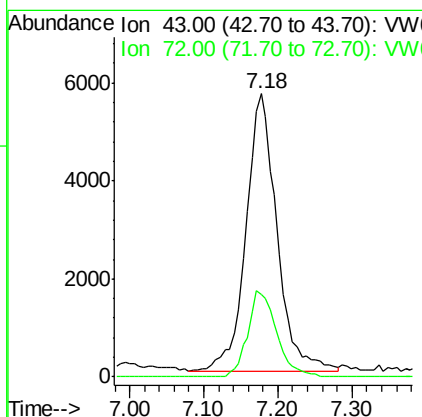
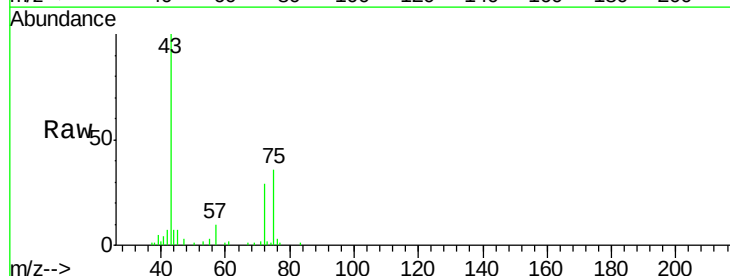
Instrument :
MSVOA_W
ClientSampled :
WB-9-1

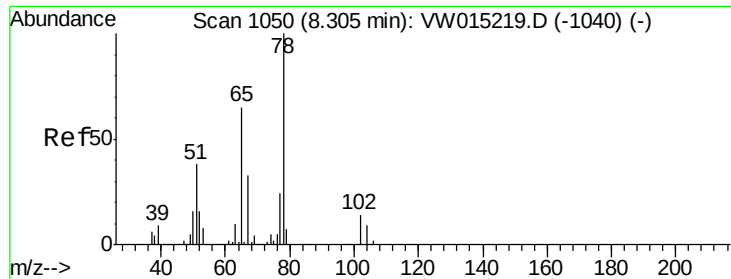
Tot Ion: 73 Resp: 5731
Ion Ratio Lower Upper
73 100
57 28.7 17.8 26.6#



#25
2-Butanone
Concen: 46.471 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW015228.D
Acq: 20 Apr 2020 17:35

Tgt Ion: 43 Resp: 16532
Ion Ratio Lower Upper
43 100
72 29.6 21.6 32.4

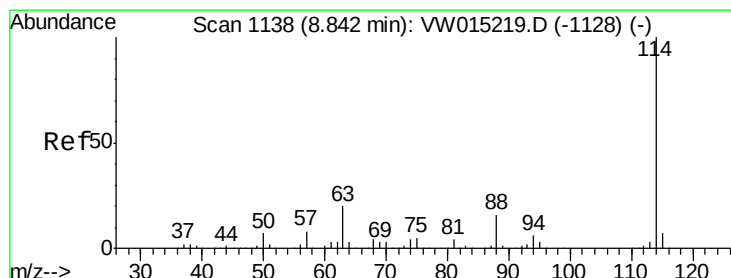
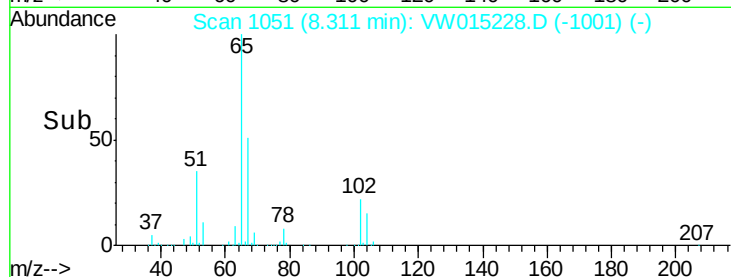
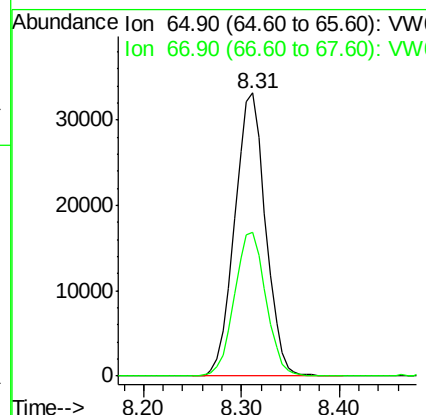
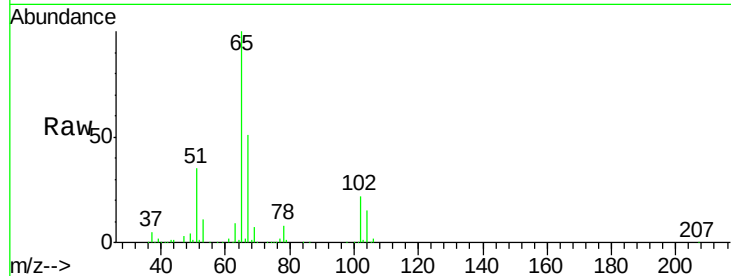




#33
 1,2-Dichloroethane-d4
 Concen: 47.357 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015228.D
 Acq: 20 Apr 2020 17:35

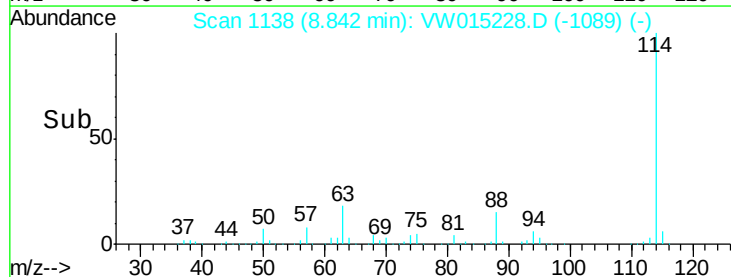
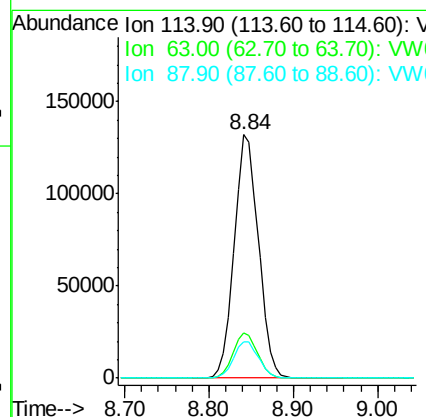
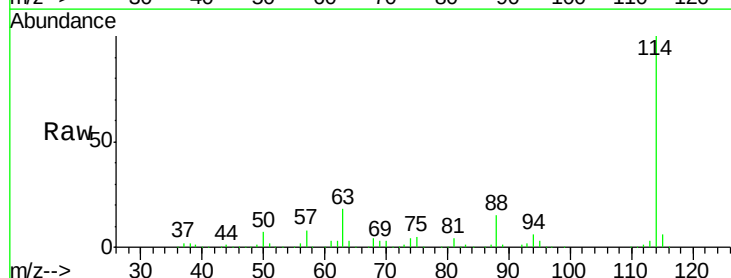
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 ClientSampleId :
 WB-9-1

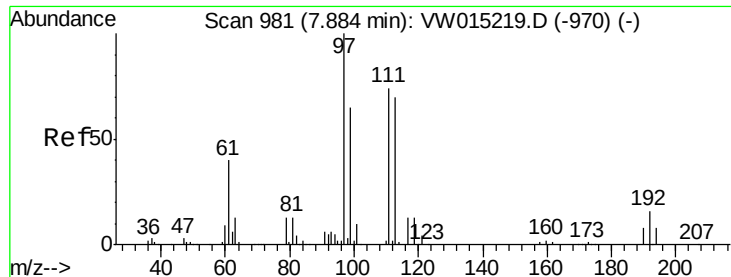
Tot Ion: 65 Resp: 72703
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015228.D
 Acq: 20 Apr 2020 17:35

Tgt Ion: 114 Resp: 257913
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.8
 88 15.1 0.0 30.2

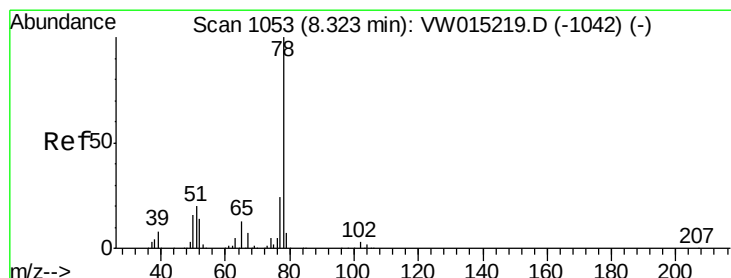
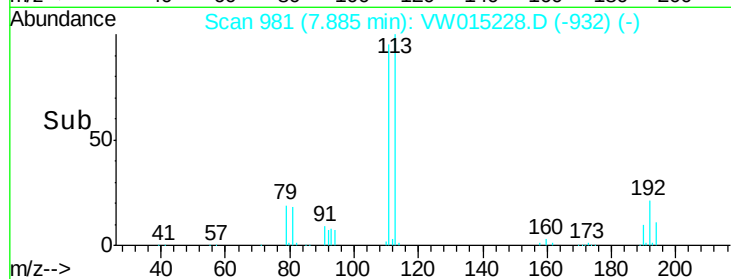
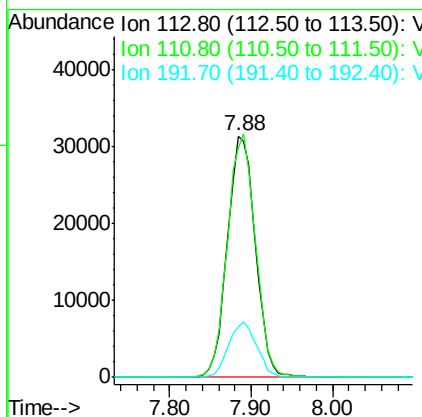
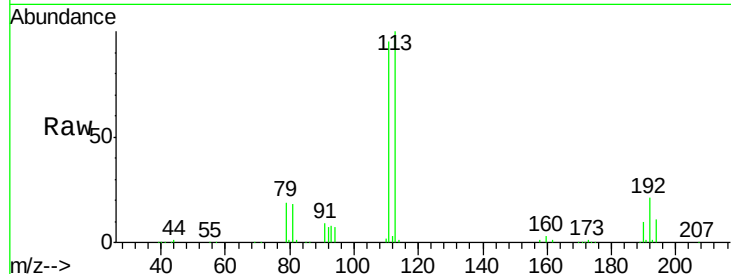




#35
 Dibromofluoromethane
 Concen: 51.813 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015228.D
 Acq: 20 Apr 2020 17:35

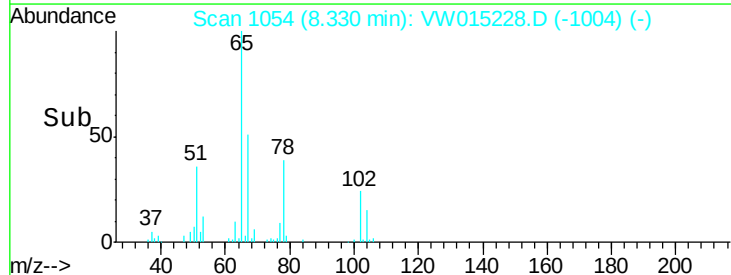
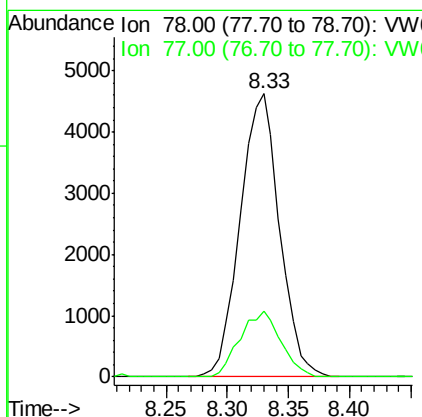
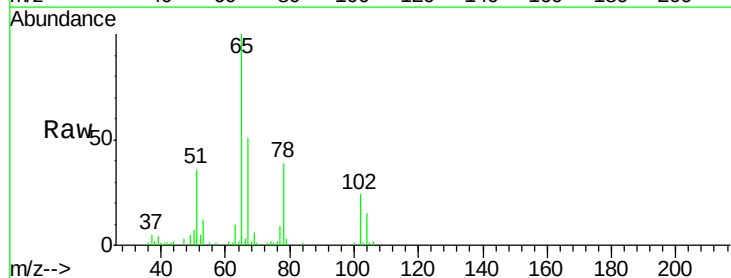
Instrument :
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 ClientSampled :
 WB-9-1

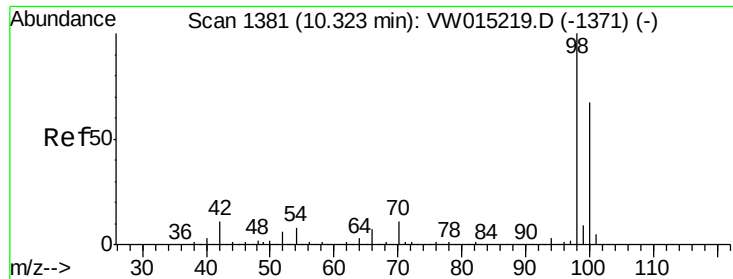
Tot Ion:113 Resp: 74021
 Ion Ratio Lower Upper
 113 100
 111 100.9 83.0 124.4
 192 23.0 15.1 22.7#



#40
 Benzene
 Concen: 1.665 ug/l
 RT: 8.33 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VW015228.D
 Acq: 20 Apr 2020 17:35

Tgt Ion: 78 Resp: 10354
 Ion Ratio Lower Upper
 78 100
 77 23.0 18.2 27.2

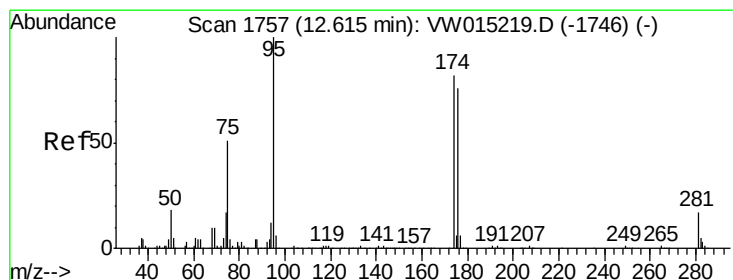
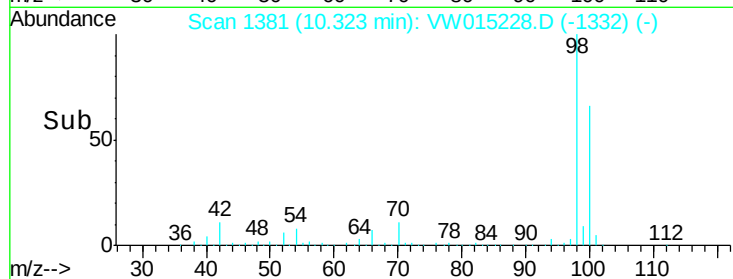
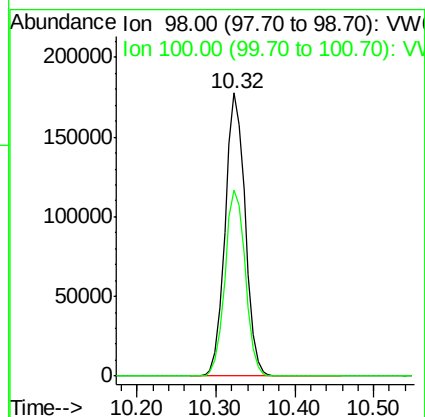
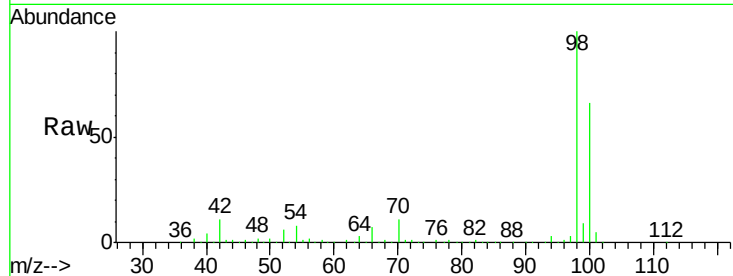




#50
Toluene-d8
Concen: 51.987 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015228.D
Acq: 20 Apr 2020 17:35

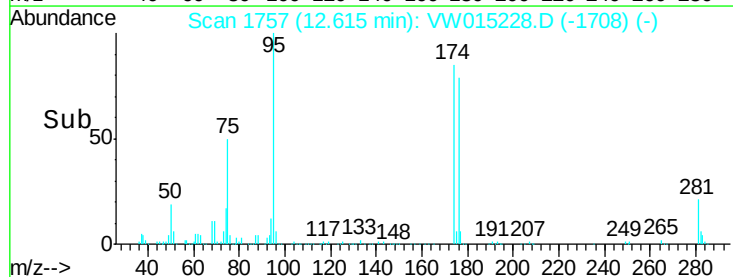
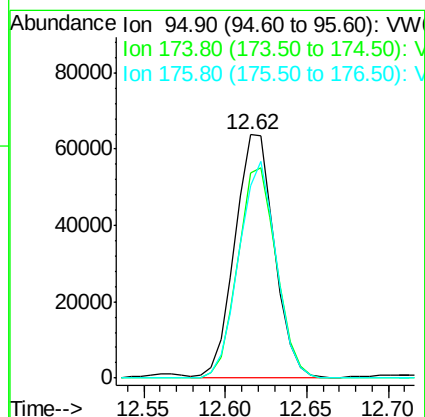
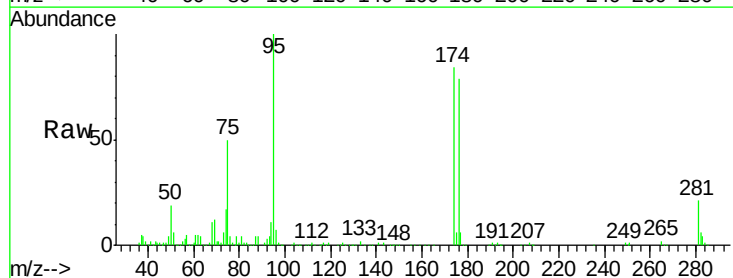
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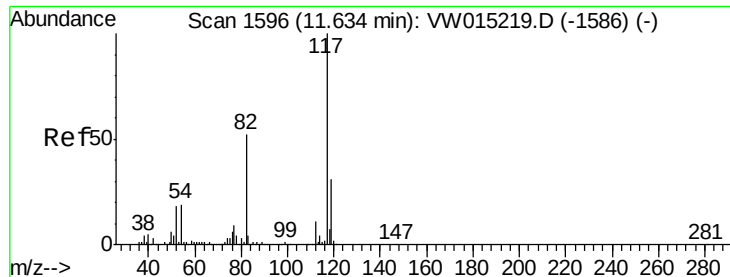
Tot Ion: 98 Resp: 312430
Ion Ratio Lower Upper
98 100
100 67.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.408 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015228.D
Acq: 20 Apr 2020 17:35

Tgt Ion: 95 Resp: 106415
Ion Ratio Lower Upper
95 100
174 85.7 0.0 144.4
176 85.2 0.0 140.6

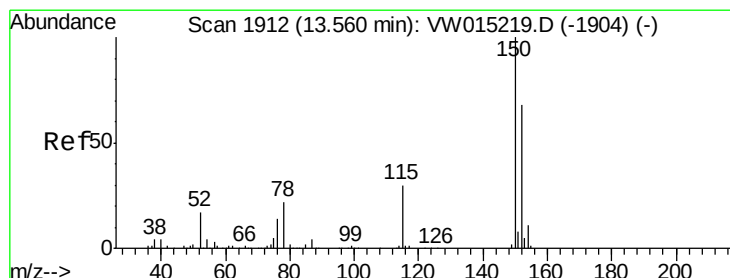
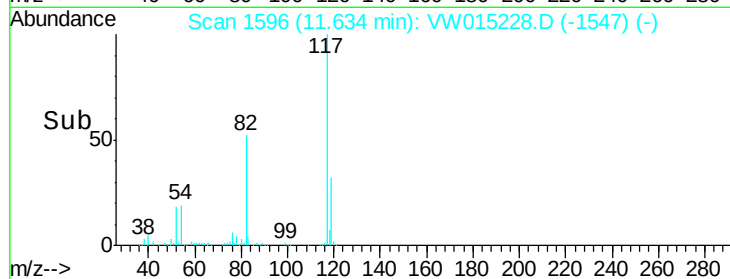
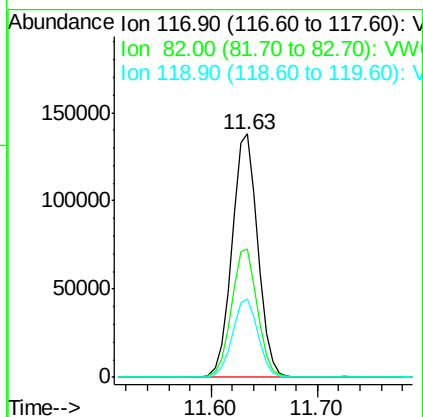
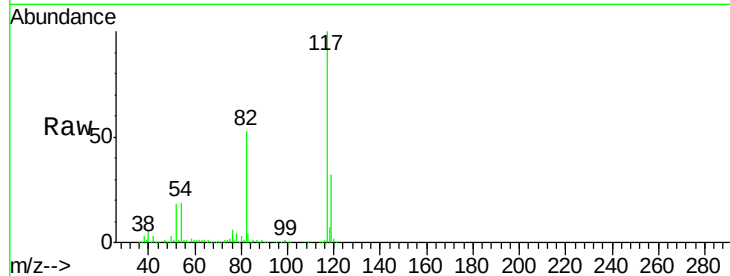




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015228.D
Acq: 20 Apr 2020 17:35

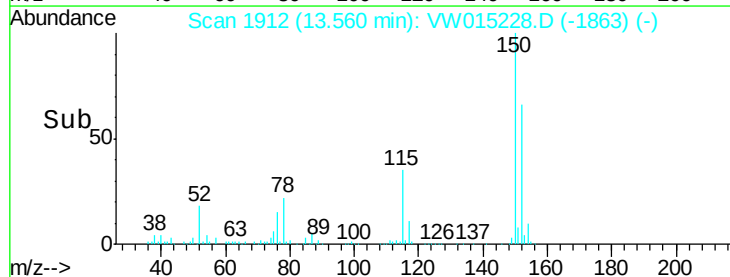
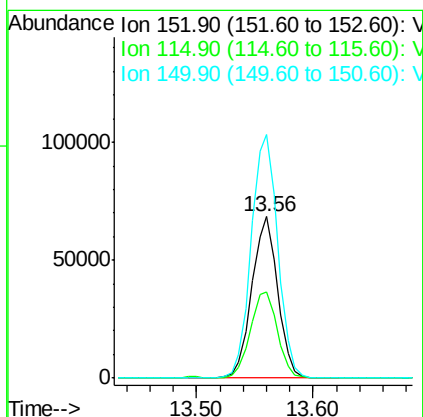
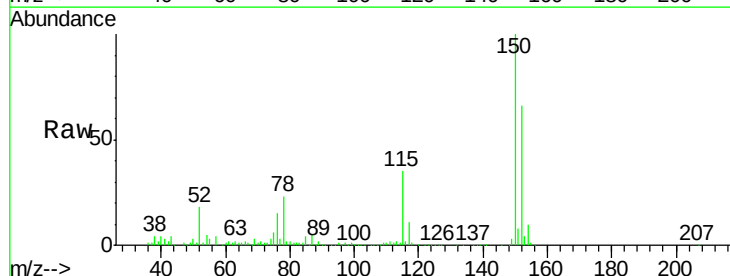
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MSVOA_W
ClientSampleId :
WB-9-1

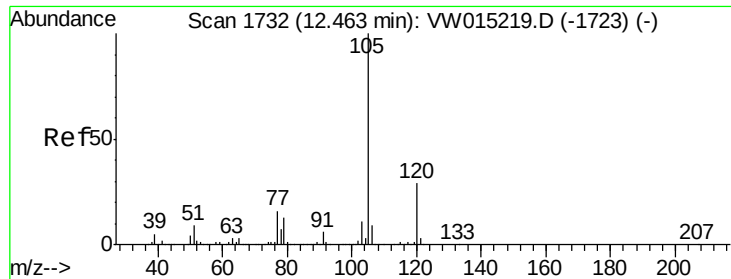
Tot Ion:117 Resp: 234204
Ion Ratio Lower Upper
117 100
82 52.4 44.1 66.1
119 32.0 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015228.D
Acq: 20 Apr 2020 17:35

Tgt Ion:152 Resp: 105632
Ion Ratio Lower Upper
152 100
115 56.1 31.3 93.9
150 156.1 0.0 343.4





#73

Isopropylbenzene

Concen: 39.759 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015228.D

Acq: 20 Apr 2020 17:35

Instrument :

MSVOA_W

ClientSampled :

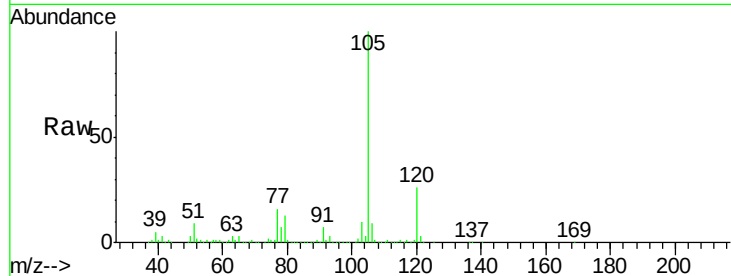
WB-9-1

Tot Ion:105 Resp: 291193

Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

200000

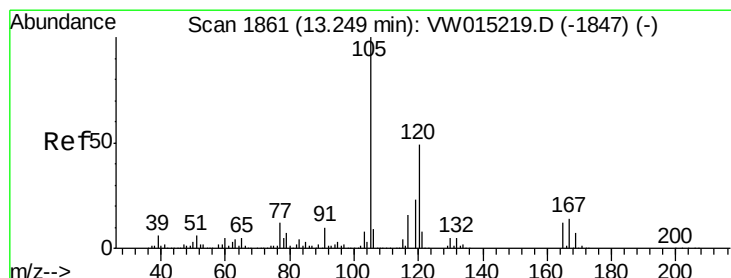
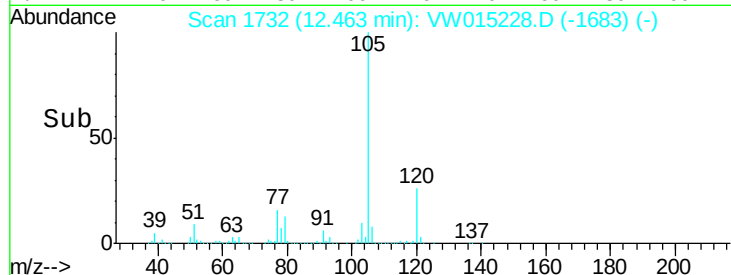
150000

100000

50000

0

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 5.507 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW015228.D

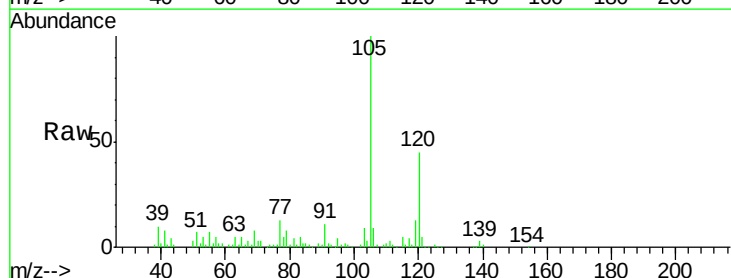
Acq: 20 Apr 2020 17:35

Tgt Ion:105 Resp: 34266

Ion Ratio Lower Upper

105 100

120 44.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

25000

20000

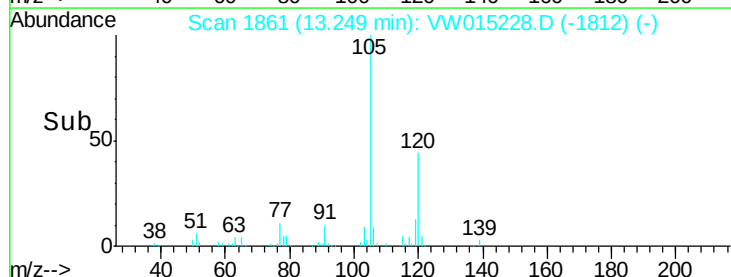
15000

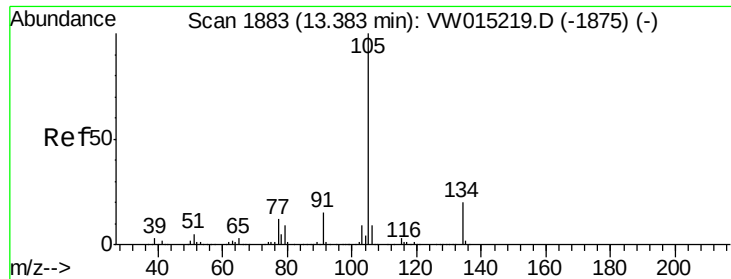
10000

5000

0

Time-->

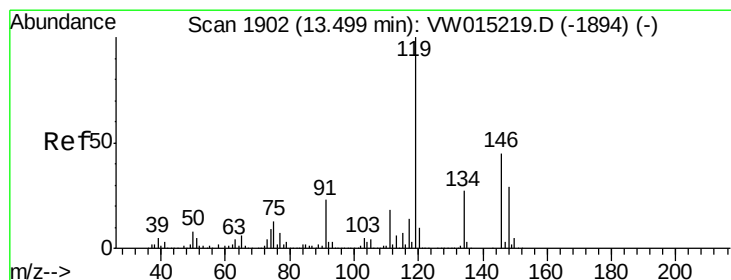
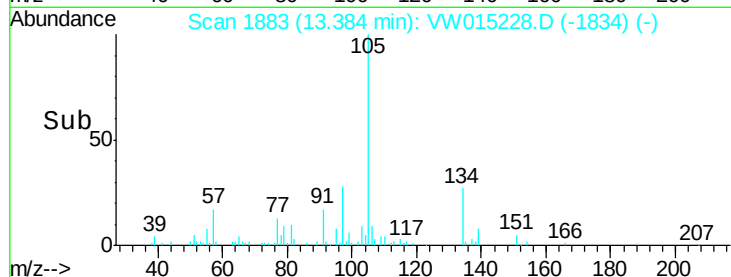
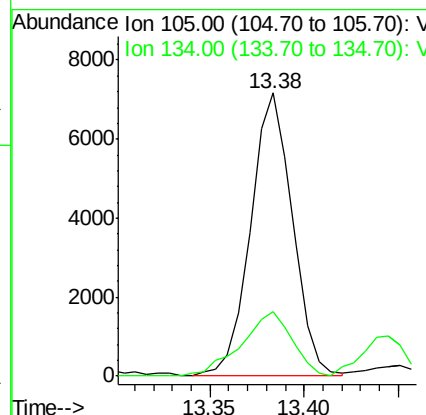
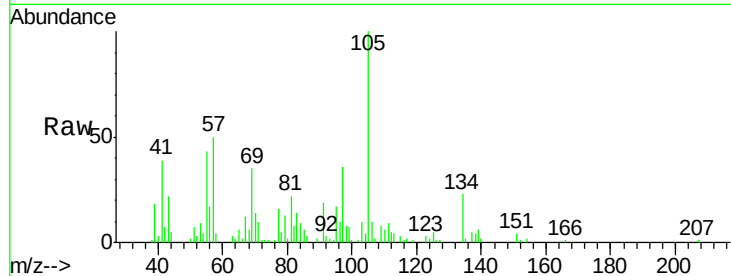




#85
 sec-Butylbenzene
 Concen: 1.451 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015228.D
 Acq: 20 Apr 2020 17:35

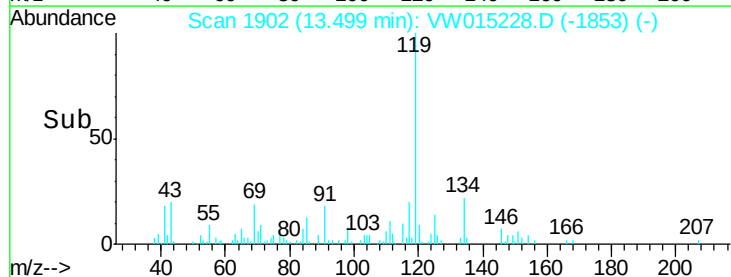
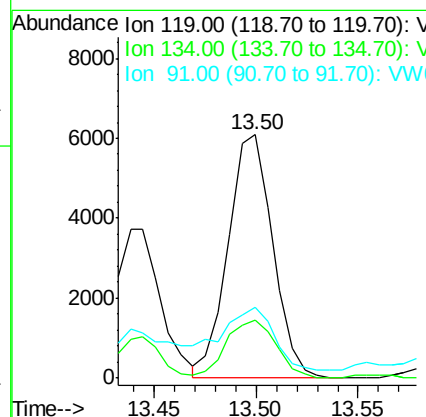
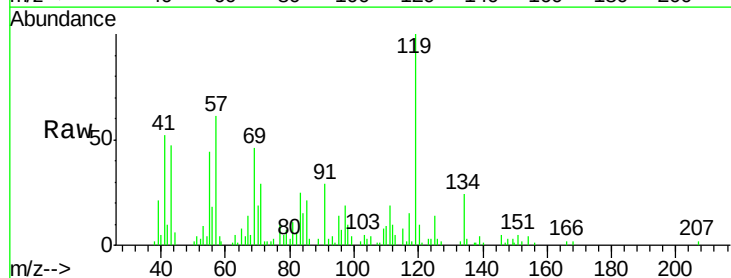
Instrument :
 MSVOA_W
 ClientSampled :
 WB-9-1

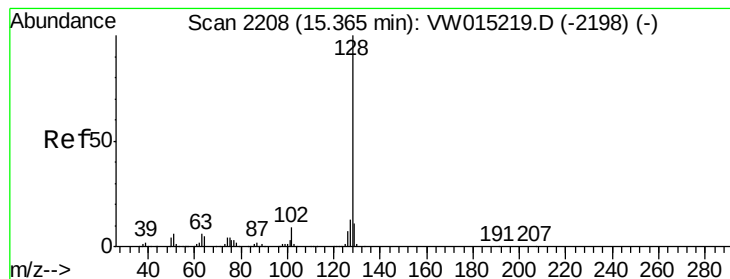
Tot Ion:105 Resp: 11052
 Ion Ratio Lower Upper
 105 100
 134 27.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 1.305 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015228.D
 Acq: 20 Apr 2020 17:35

Tgt Ion:119 Resp: 9231
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 29.8 12.0 36.1





#95

Naphthalene

Concen: 7.287 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015228.D

Acq: 20 Apr 2020 17:35

Instrument :

MSVOA_W

ClientSampleId :

WB-9-1

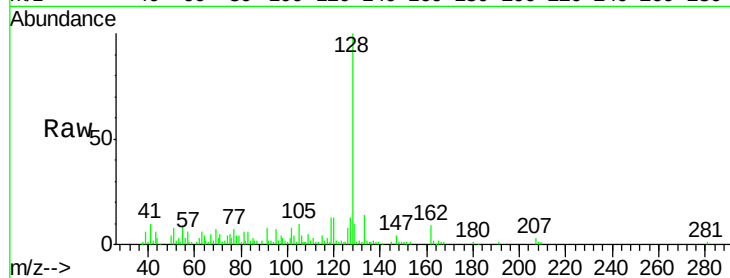
Tot Ion:128 Resp: 23672

Ion Ratio Lower Upper

128 100

127 11.5 10.3 15.5

129 12.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

