

Data File : VW015311.D
Acq On : 22 Apr 2020 16:29
Operator : SY/VA
Sample : L2386-06
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BP-VPB180-GW-518-520

Quant Time: Apr 23 07:04:16 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	211672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	303908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	95605	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
35) Dibromofluoromethane	7.88	113	94007	55.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.68%	
50) Toluene-d8	10.32	98	363132	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.62	95	120460	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	

Target Compounds

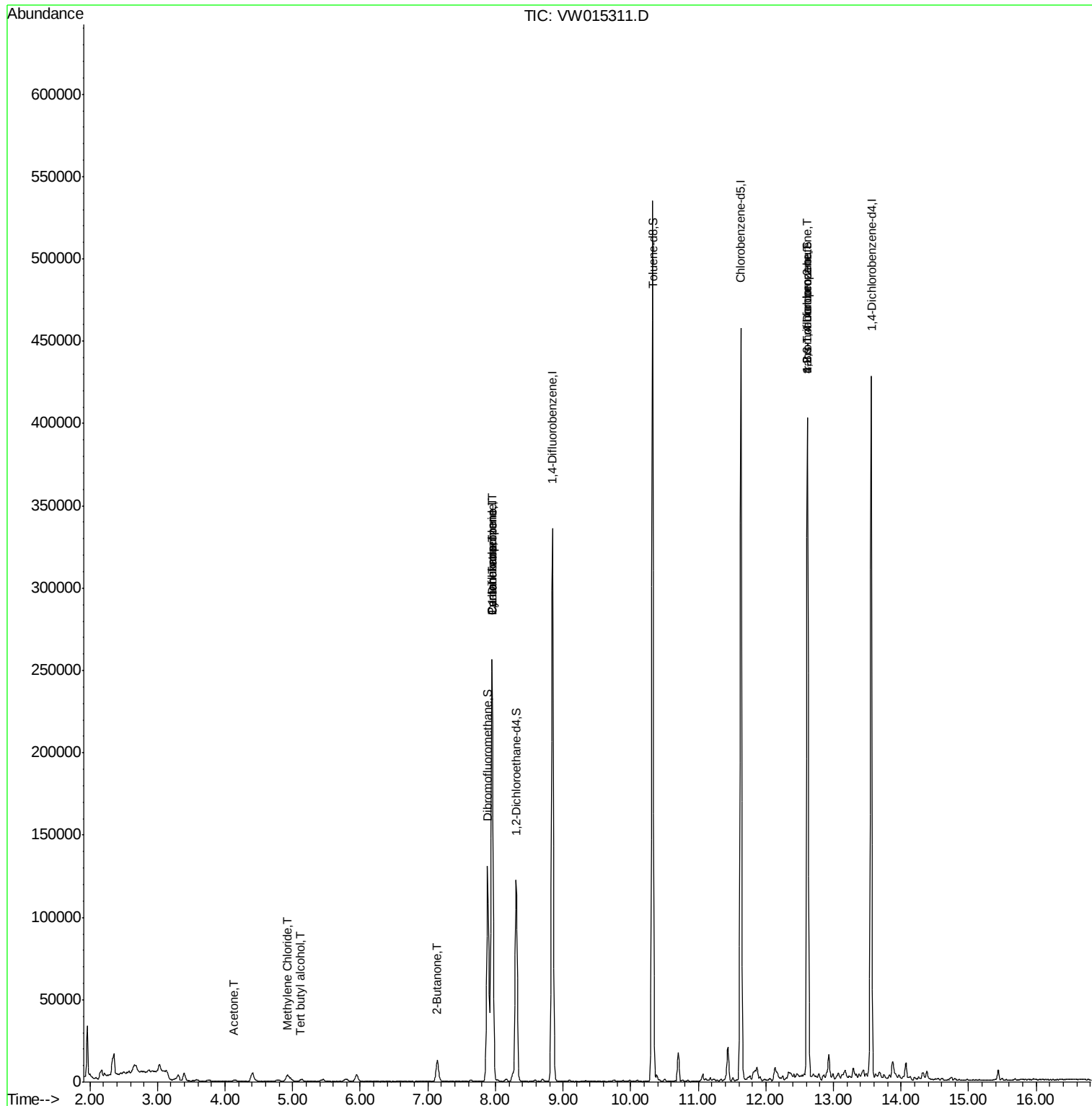
						Qvalue
11) Tert butyl alcohol	5.12	59	1166	8.264	ug/l #	72
16) Acetone	4.14	43	1913	6.328	ug/l #	88
20) Methylene Chloride	4.92	84	2982	1.505	ug/l #	89
25) 2-Butanone	7.15	43	928	2.314	ug/l #	48
31) Cyclohexane	7.95	56	4024	1.257	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	13700	4.995	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19068	6.361	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	60827	65.438	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60827	143.048	ug/l #	15

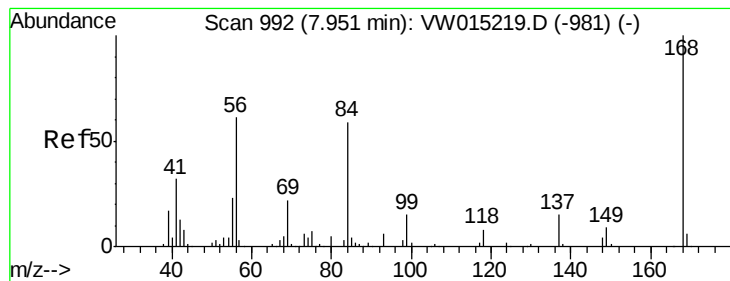
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015311.D

Acq: 22 Apr 2020 16:29

Instrument :

MSVOA_W

ClientSampleId :

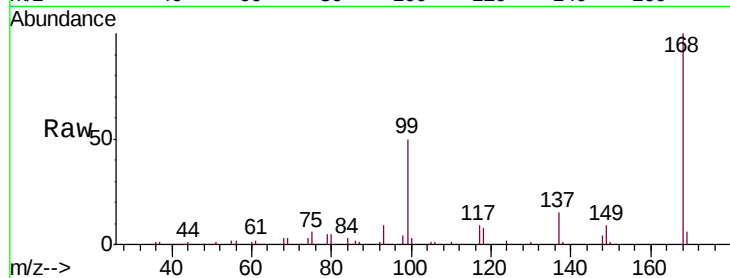
BP-VPB180-GW-518-520

Tgt Ion: 168 Resp: 211672

Ion Ratio Lower Upper

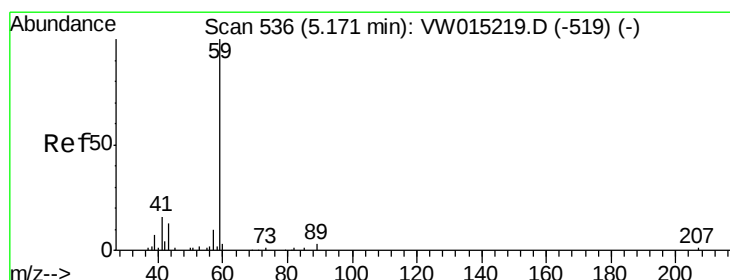
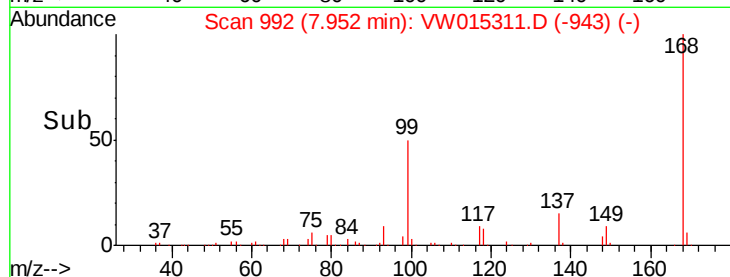
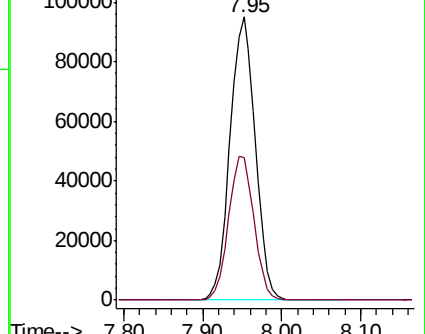
168 100

99 50.2 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 8.264 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.05 min

Lab File: VW015311.D

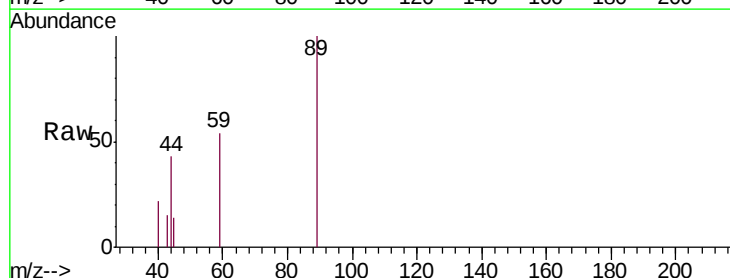
Acq: 22 Apr 2020 16:29

Tgt Ion: 59 Resp: 1166

Ion Ratio Lower Upper

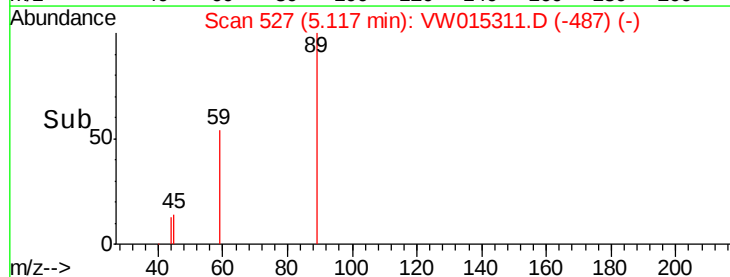
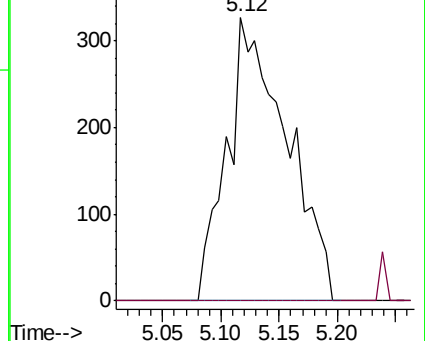
59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 6.328 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015311.D

Acq: 22 Apr 2020 16:29

Instrument :

MSVOA_W

ClientSampleId :

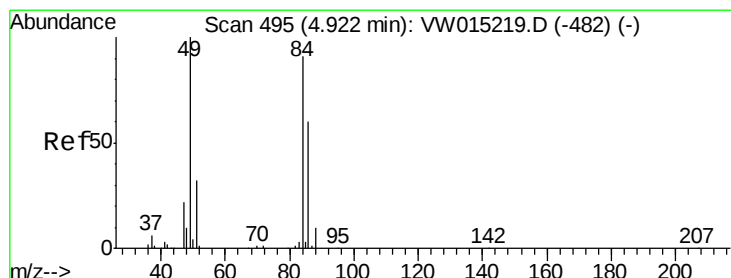
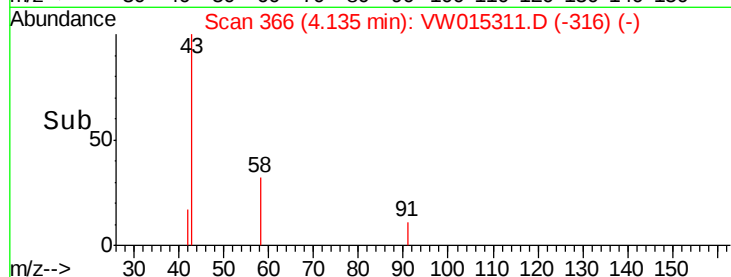
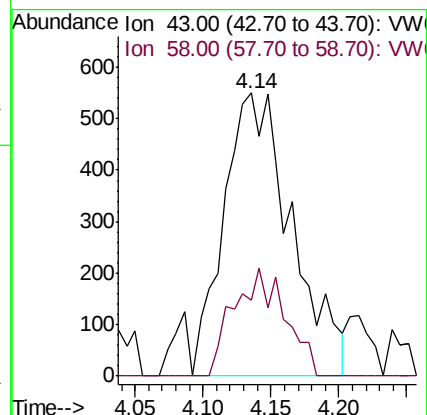
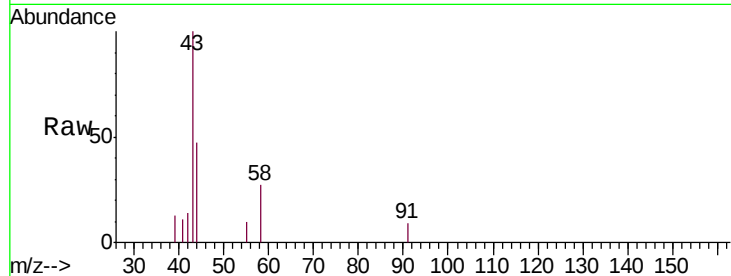
BP-VPB180-GW-518-520

Tgt Ion: 43 Resp: 1913

Ion Ratio Lower Upper

43 100

58 26.9 27.0 40.4#



#20

Methylene Chloride

Concen: 1.505 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW015311.D

Acq: 22 Apr 2020 16:29

Tgt Ion: 84 Resp: 2982

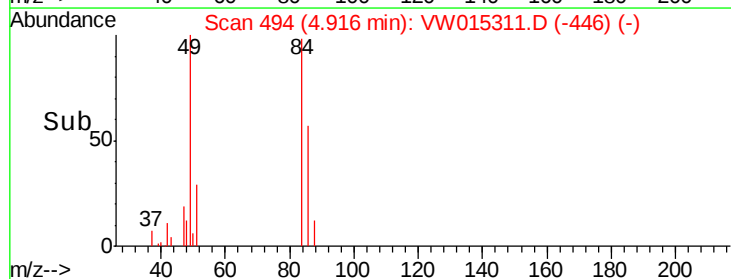
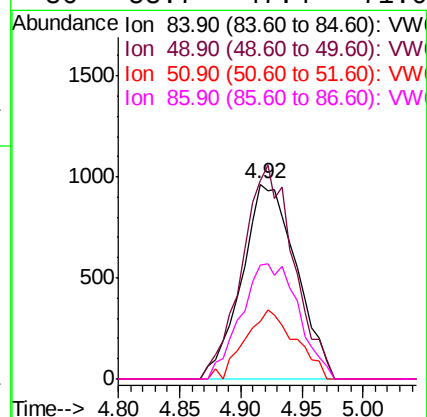
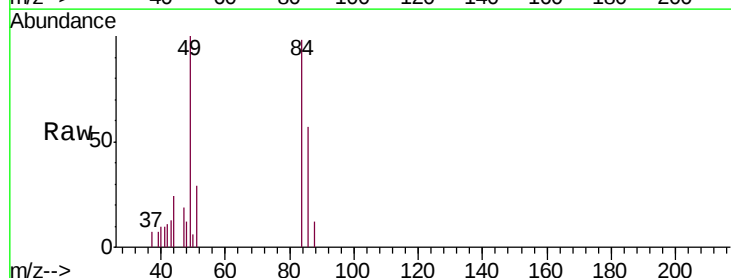
Ion Ratio Lower Upper

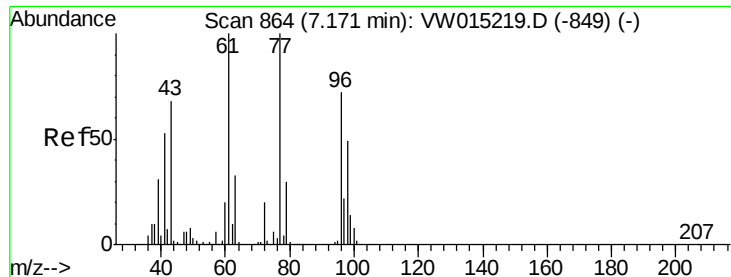
84 100

49 102.1 95.4 143.0

51 29.6 29.8 44.8#

86 58.7 47.4 71.0





#25

2-Butanone

Concen: 2.314 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW015311.D

Acq: 22 Apr 2020 16:29

Instrument :

MSVOA_W

ClientSampleId :

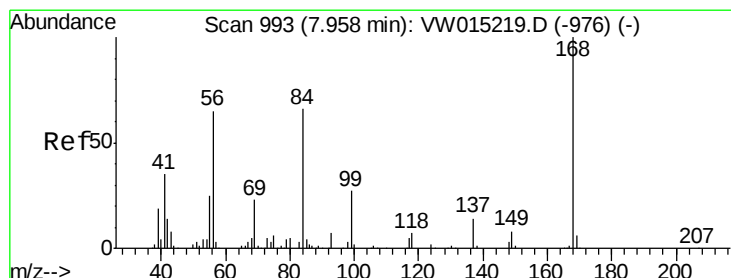
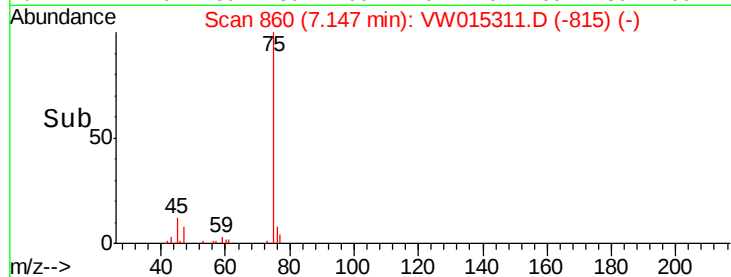
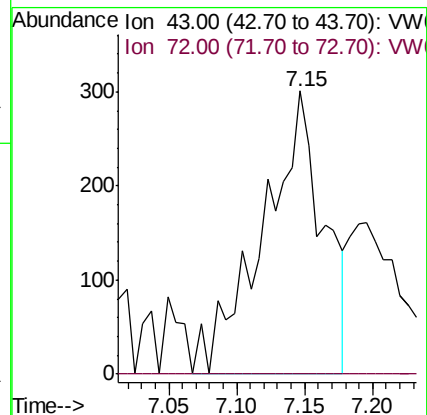
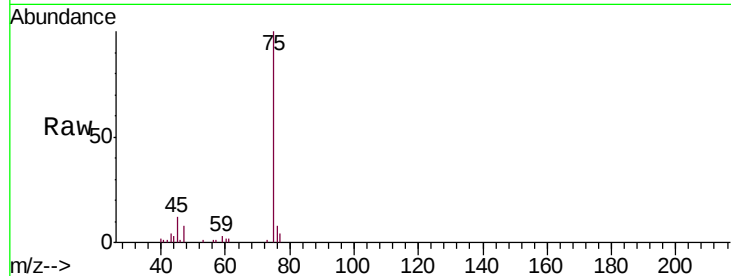
BP-VPB180-GW-518-520

Tgt Ion: 43 Resp: 928

Ion Ratio Lower Upper

43 100

72 0.0 21.6 32.4#



#31

Cyclohexane

Concen: 1.257 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015311.D

Acq: 22 Apr 2020 16:29

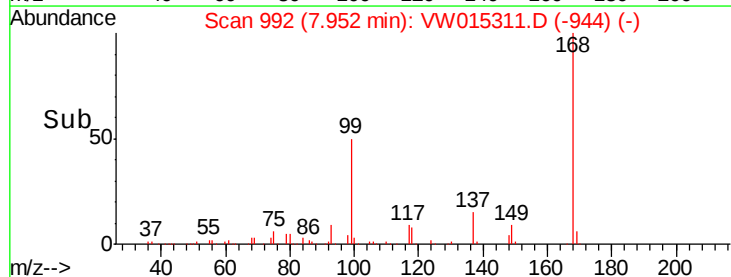
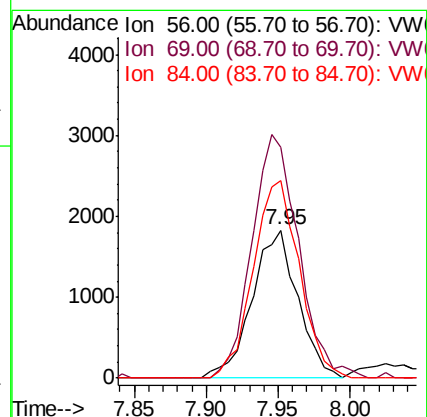
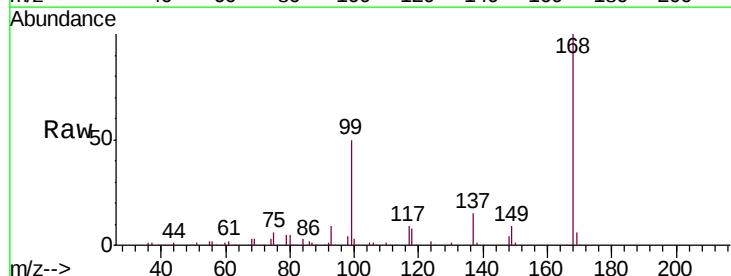
Tgt Ion: 56 Resp: 4024

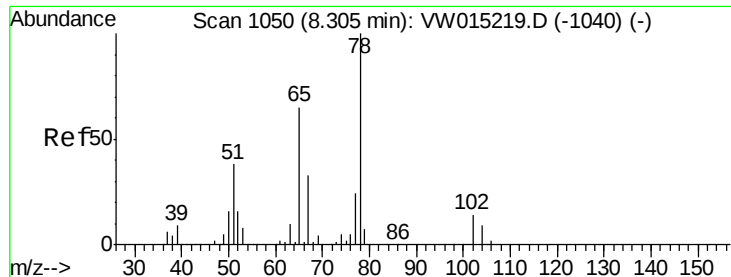
Ion Ratio Lower Upper

56 100

69 156.0 27.1 40.7#

84 133.4 71.9 107.9#





#33

1,2-Dichloroethane-d4

Concen: 55.233 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015311.D

Acq: 22 Apr 2020 16:29

Instrument :

MSVOA_W

ClientSampleId :

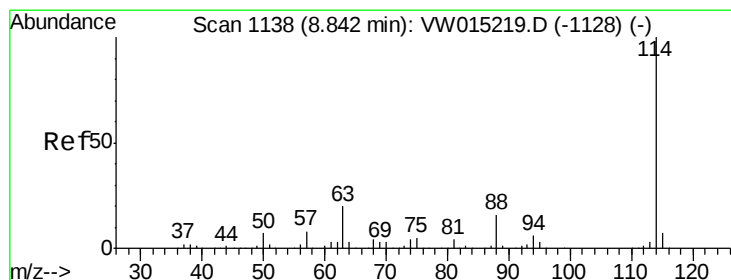
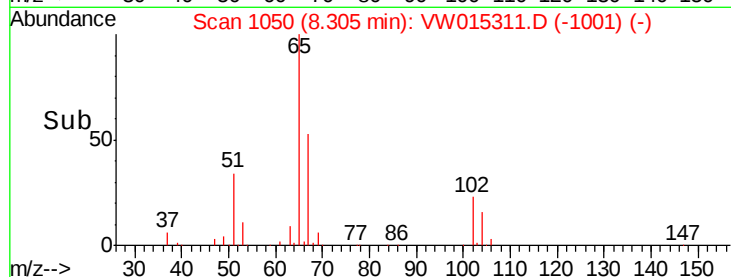
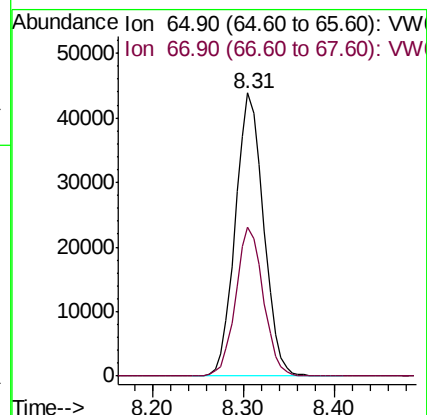
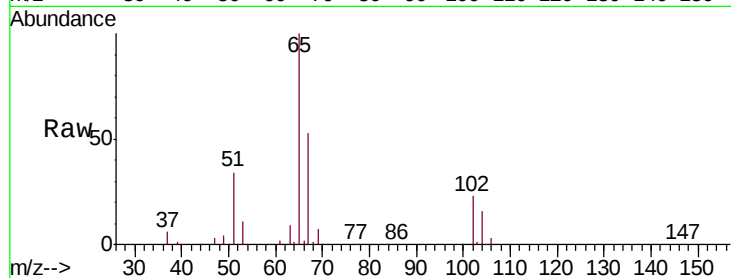
BP-VPB180-GW-518-520

Tgt Ion: 65 Resp: 95605

Ion Ratio Lower Upper

65 100

67 51.6 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: VW015311.D

Acq: 22 Apr 2020 16:29

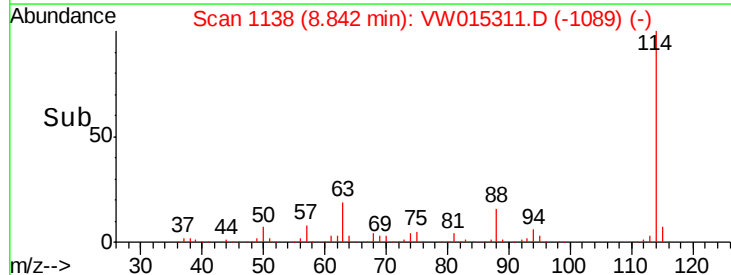
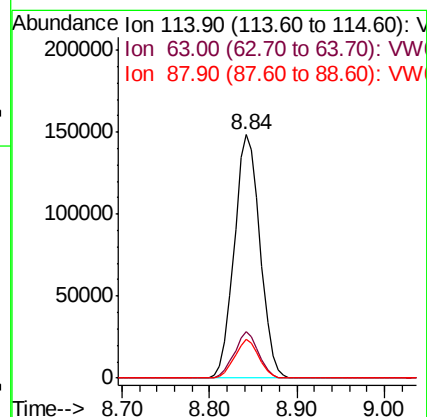
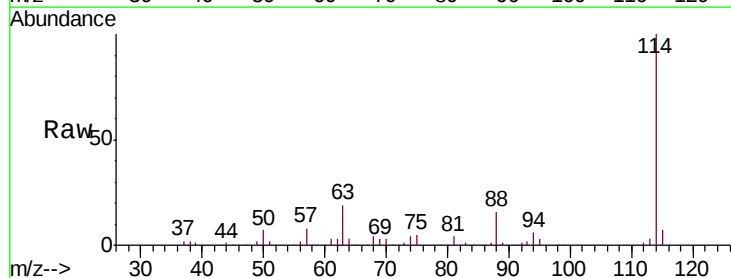
Tgt Ion: 114 Resp: 303908

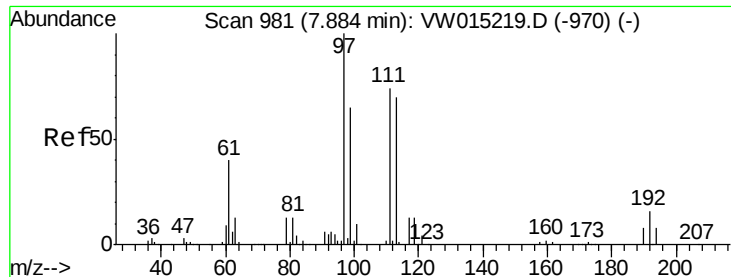
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.8

88 15.7 0.0 30.2

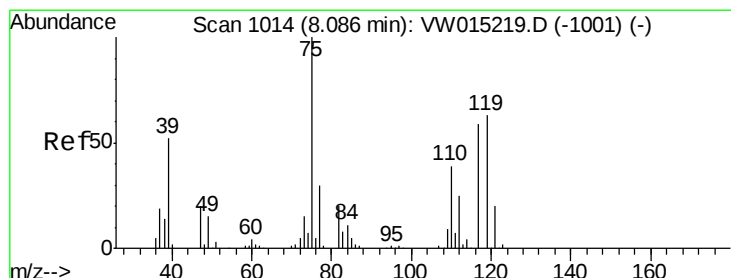
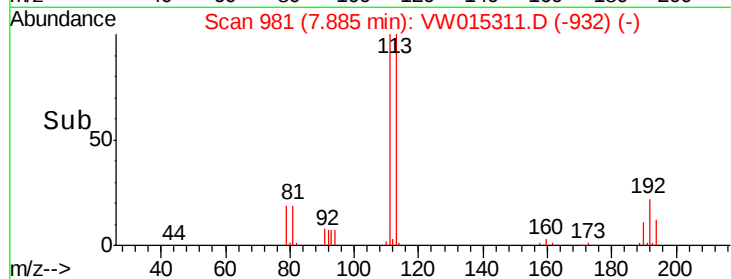
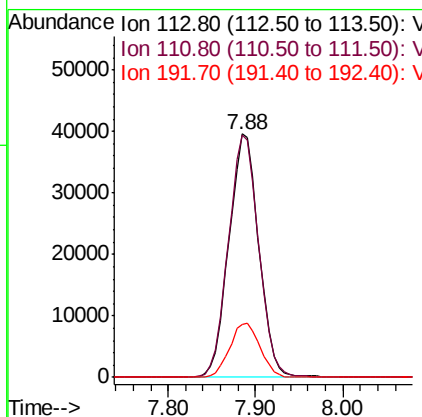
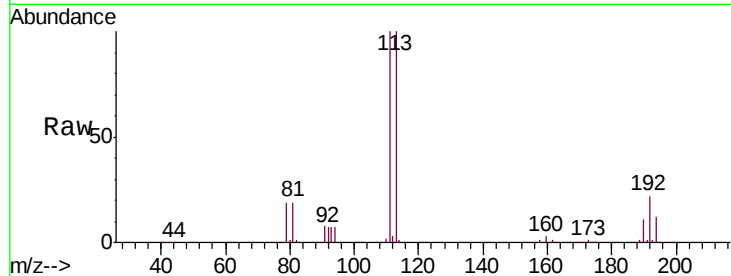




#35
 Dibromofluoromethane
 Concen: 55.843 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015311.D
 Acq: 22 Apr 2020 16:29

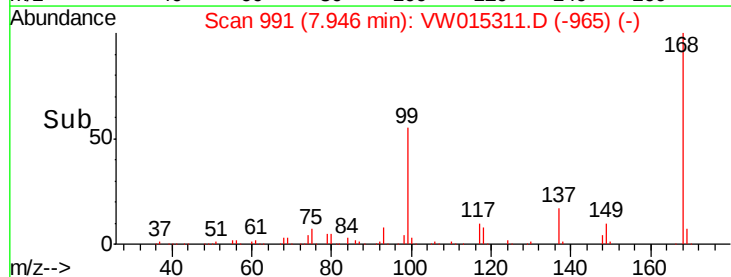
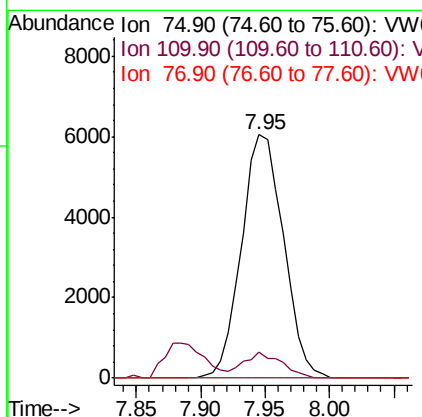
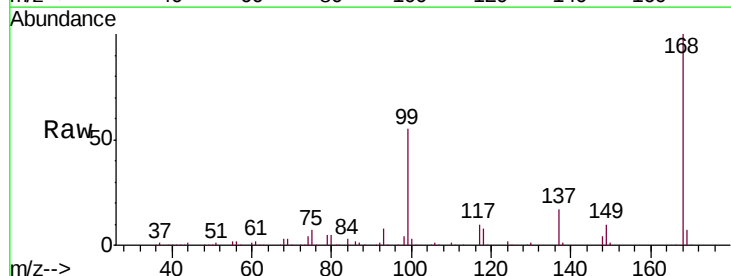
Instrument :
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 BP-VPB180-GW-518-520

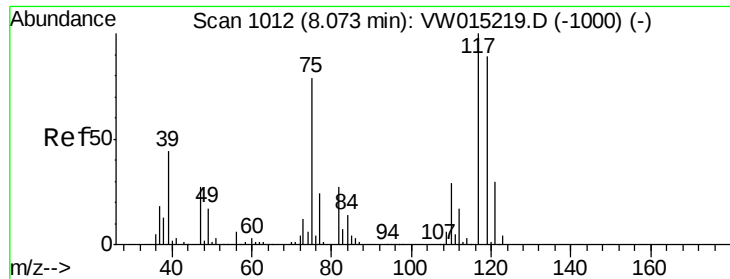
Tgt Ion:113 Resp: 94007
 Ion Ratio Lower Upper
 113 100
 111 101.1 83.0 124.4
 192 22.5 15.1 22.7



#36
 1,1-Dichloropropene
 Concen: 4.995 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015311.D
 Acq: 22 Apr 2020 16:29

Tgt Ion: 75 Resp: 13700
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.2 54.6#
 77 0.0 24.5 36.7#

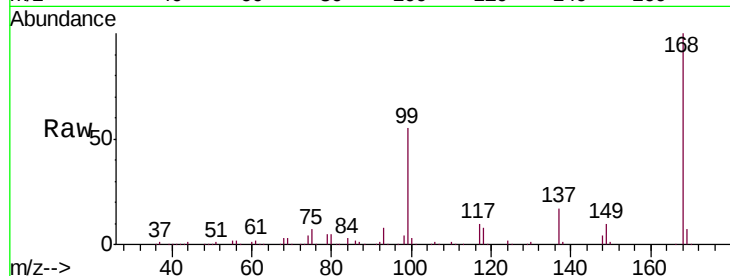




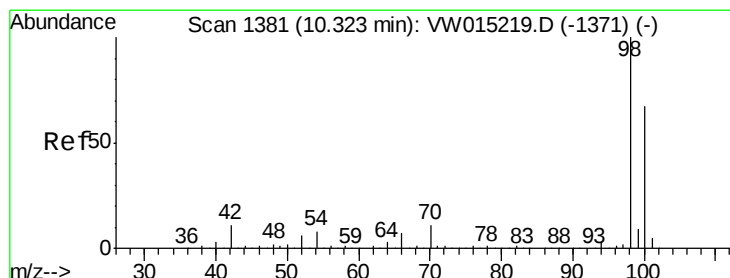
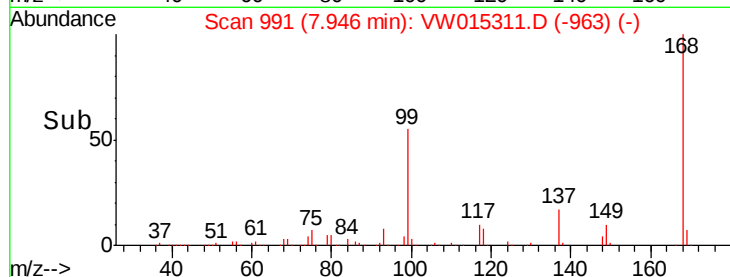
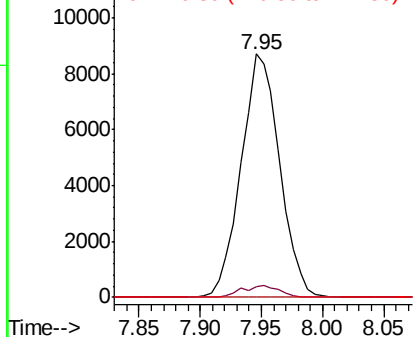
#38
Carbon Tetrachloride
Concen: 6.361 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW015311.D
Acq: 22 Apr 2020 16:29

Instrument :
MSVOA_W
ClientSampleId :
BP-VPB180-GW-518-520

Tgt Ion:117 Resp: 19068
Ion Ratio Lower Upper
117 100
119 4.2 72.3 108.5#
121 0.0 23.7 35.5#

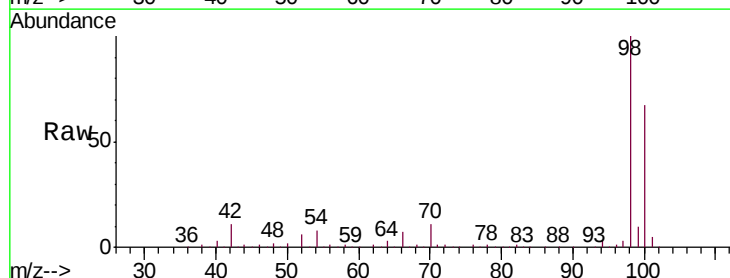


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

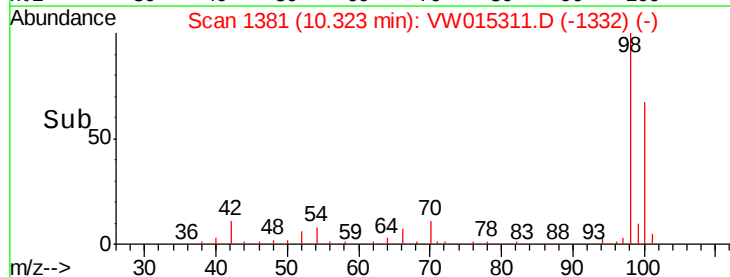
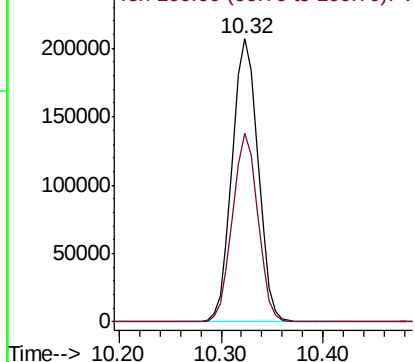


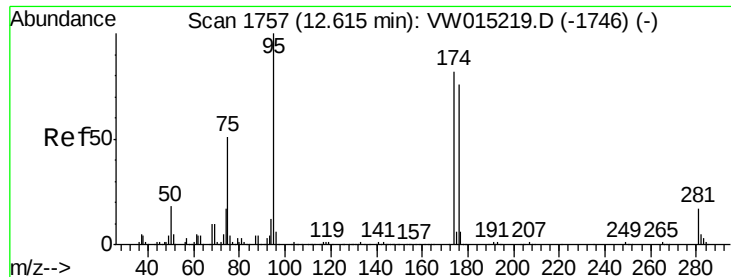
#50
Toluene-d8
Concen: 51.278 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015311.D
Acq: 22 Apr 2020 16:29

Tgt Ion: 98 Resp: 363132
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



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

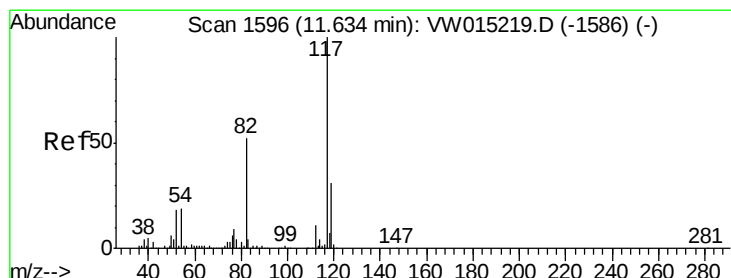
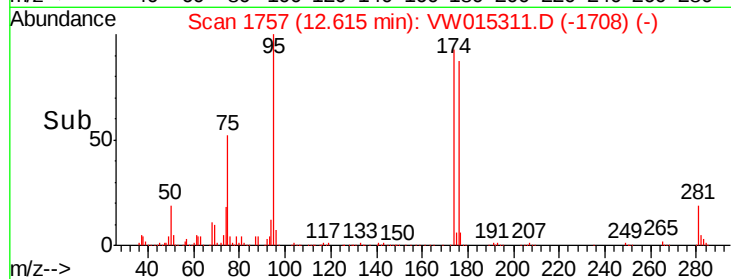
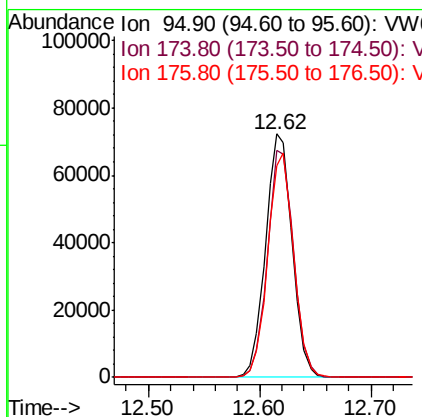
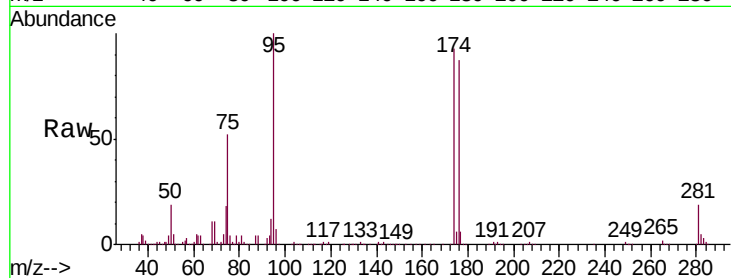




#62
4-Bromofluorobenzene
Concen: 44.583 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015311.D
Acq: 22 Apr 2020 16:29

Instrument :
MSVOA_W
ClientSampleId :
BP-VPB180-GW-518-520

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	144.4
176	89.3	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: VW015311.D
Acq: 22 Apr 2020 16:29

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.5	44.1	66.1
119	31.1	24.9	37.3

