

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015828.D
 Acq On : 09 Jul 2020 15:03
 Operator : SY/VA
 Sample : L3183-01RE
 Misc : 7.60G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-070720RE

Quant Time: Jul 10 05:42:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	219950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	145571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	36106	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	99937	78.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	156.02%	
35) Dibromofluoromethane	7.89	113	84072	65.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.04%	
50) Toluene-d8	10.33	98	262400	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.62	95	57996	32.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.14%	

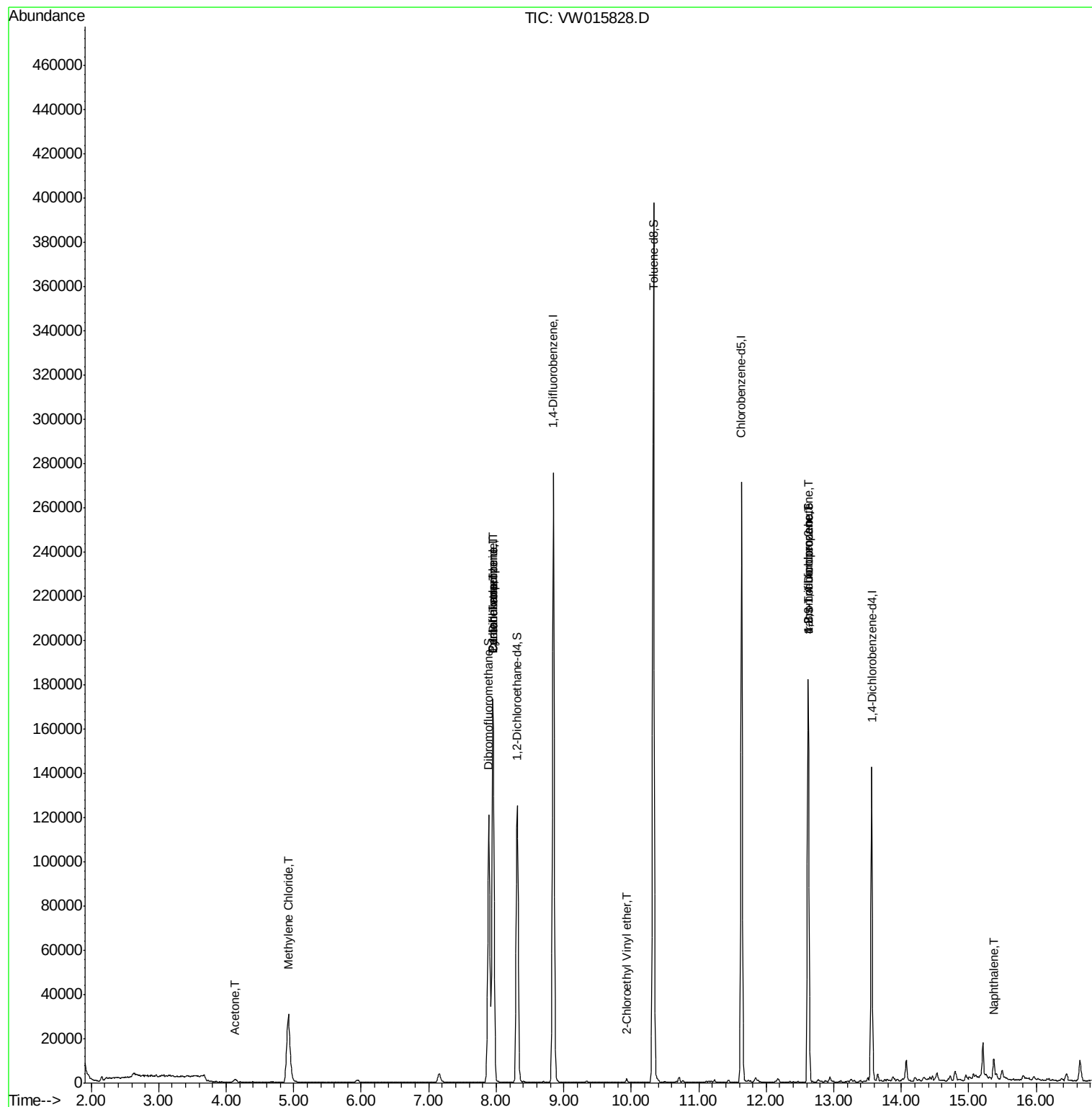
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	2401	10.017	ug/l #	81
20) Methylene Chloride	4.92	84	25490	17.763	ug/l	94
31) Cyclohexane	7.95	56	3217	1.451	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	10886	5.021	ug/l #	50
38) Carbon Tetrachloride	7.95	117	13055	6.223	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.93	63	702	1.121	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	31240	98.448	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	31240	210.357	ug/l #	7
95) Naphthalene	15.37	128	8211	9.454	ug/l	99

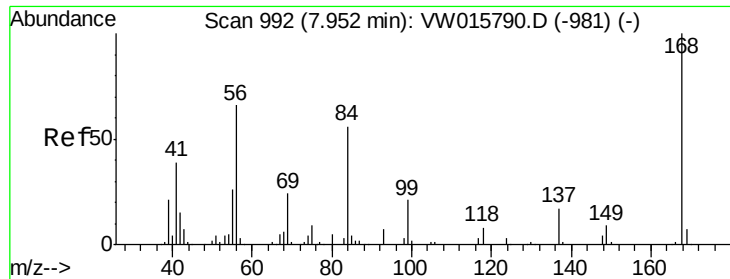
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070920\
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Quant Time: Jul 10 05:42:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 08:28:05 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: VW015828.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

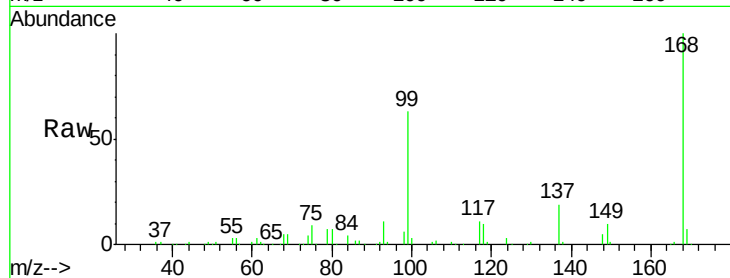
OK-02-070720RE

Tot Ion:168 Resp: 124404

Ion Ratio Lower Upper

168 100

99 63.2 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

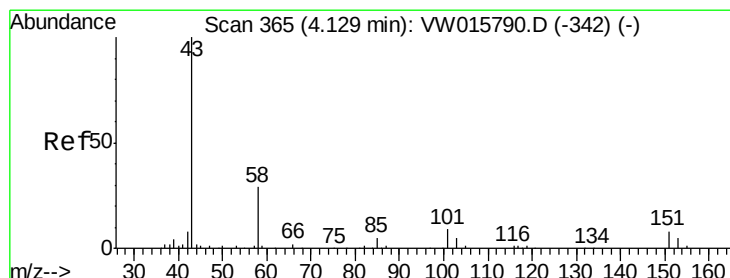
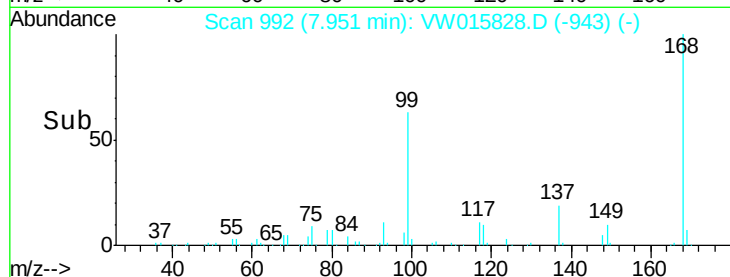
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 10.017 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015828.D

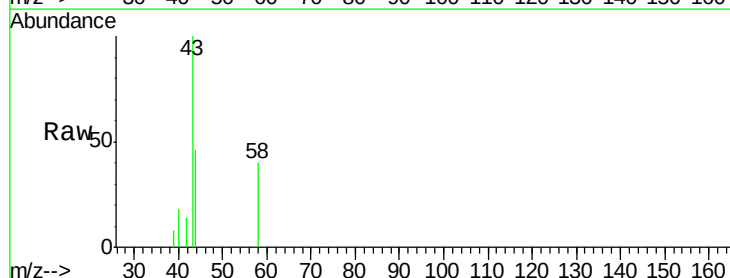
Acq: 09 Jul 2020 15:03

Tgt Ion: 43 Resp: 2401

Ion Ratio Lower Upper

43 100

58 39.8 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

800

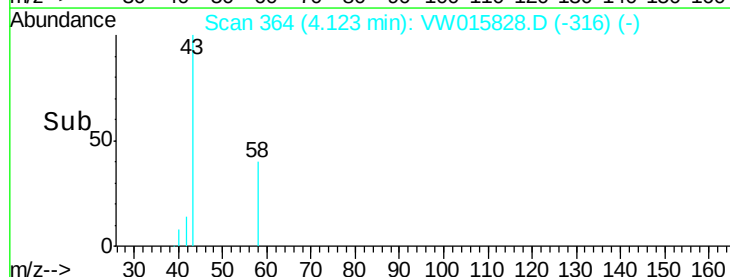
600

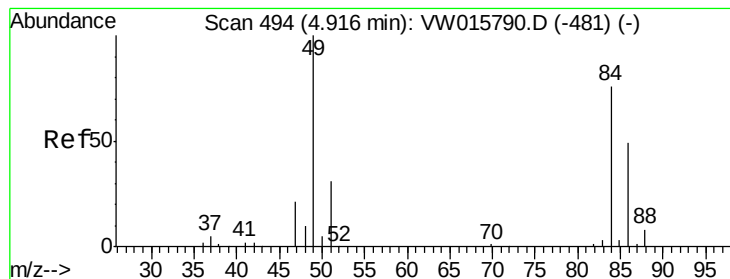
400

200

0

Time-->





#20

Methvlene Chloride

Concen: 17.763 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015828.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_W

ClientSampled :

OK-02-070720RE

Tot Ion: 84 Resp: 25490

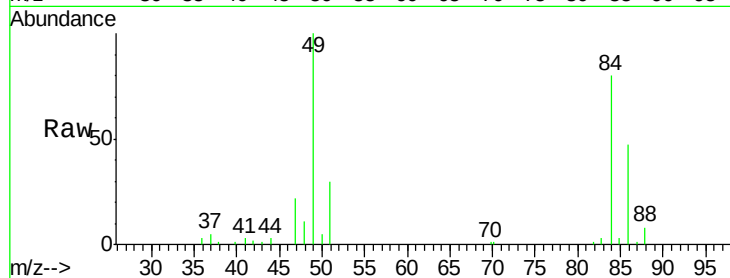
Ion Ratio Lower Upper

84 100

49 124.5 105.0 157.6

51 37.7 32.3 48.5

86 59.1 51.2 76.8

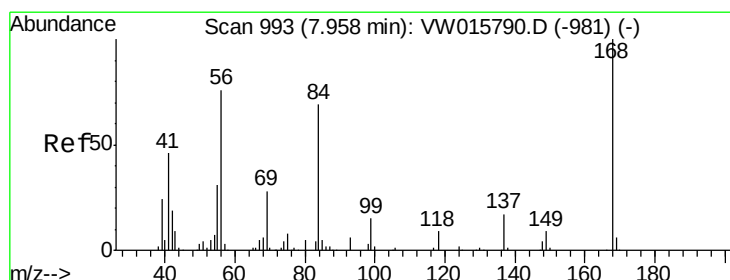
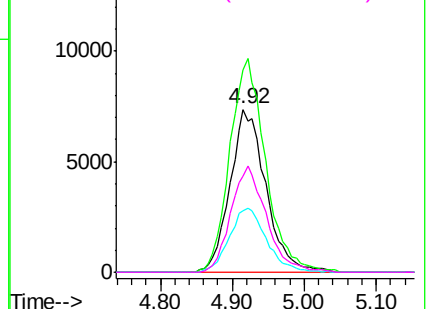
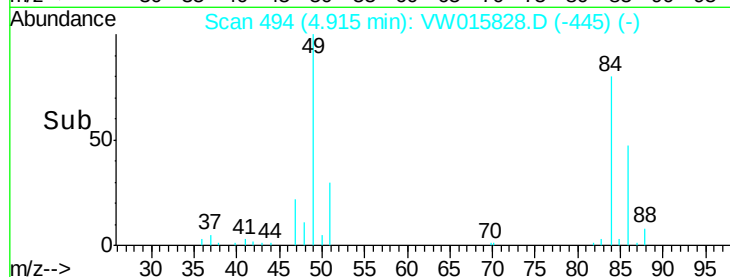


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#31

Cyclohexane

Concen: 1.451 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015828.D

Acq: 09 Jul 2020 15:03

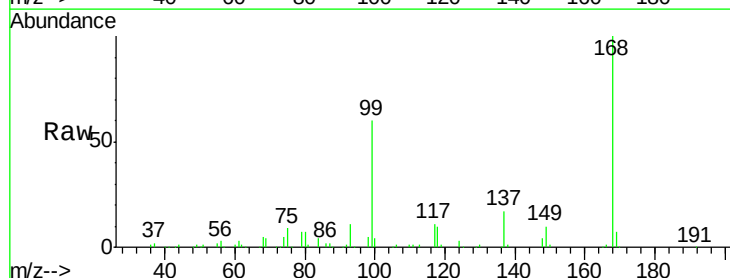
Tgt Ion: 56 Resp: 3217

Ion Ratio Lower Upper

56 100

69 151.2 28.9 43.3#

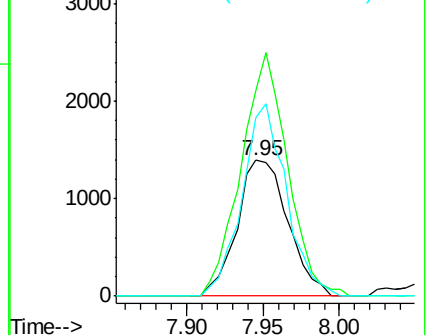
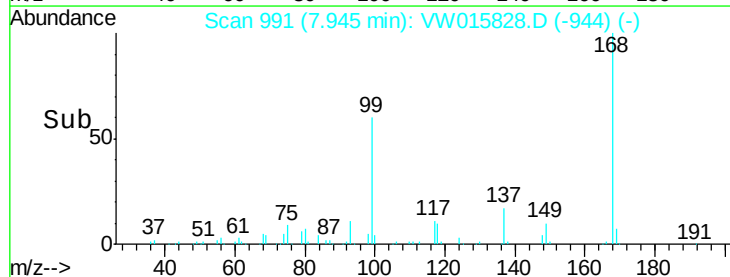
84 131.1 72.2 108.4#

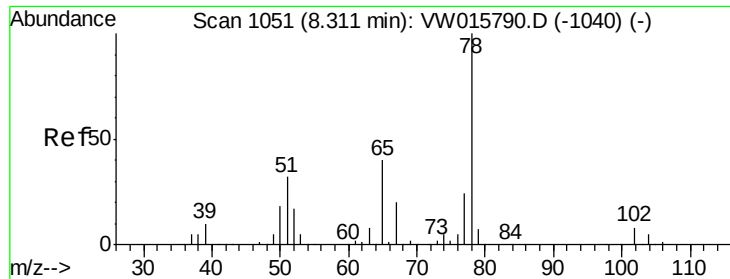


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

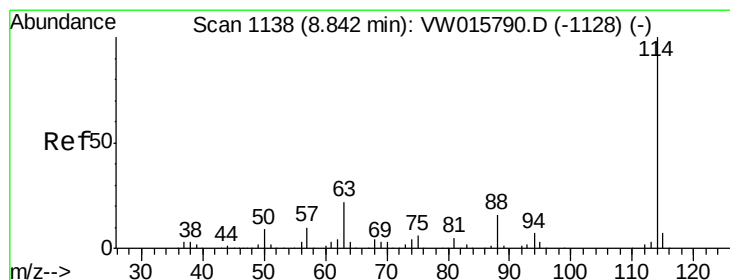
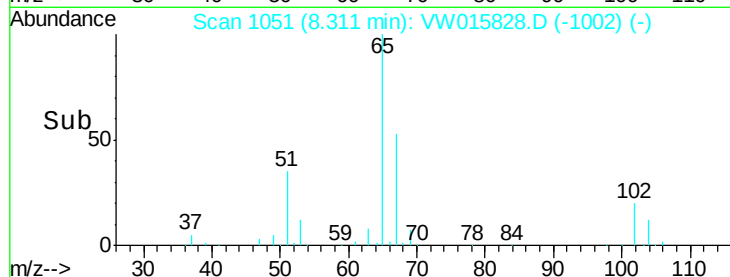
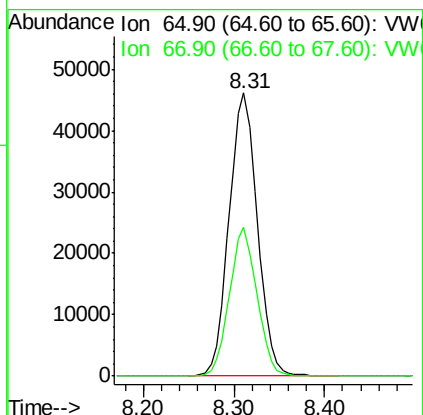
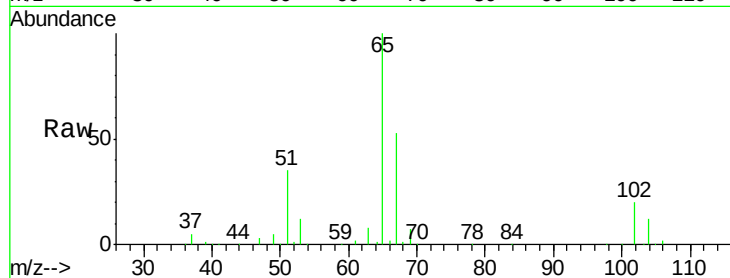




#33
 1,2-Dichloroethane-d4
 Concen: 78.012 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW015828.D
 Acq: 09 Jul 2020 15:03

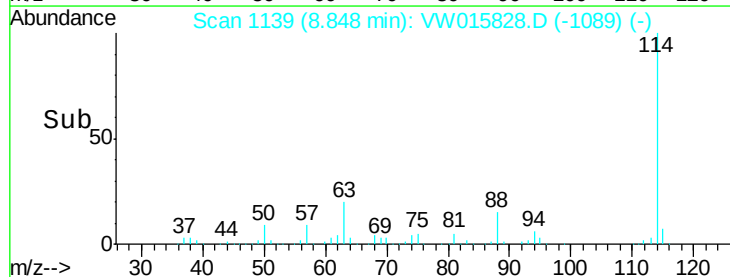
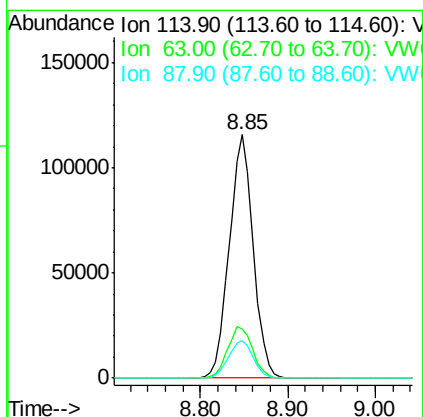
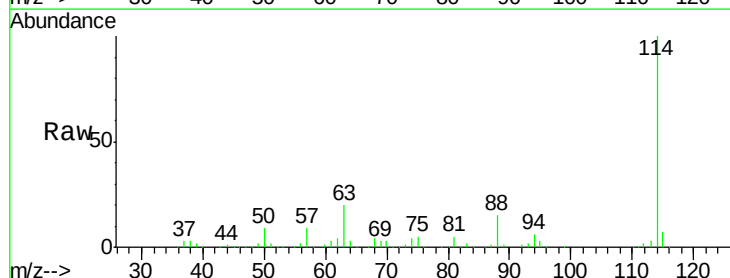
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-070720RE

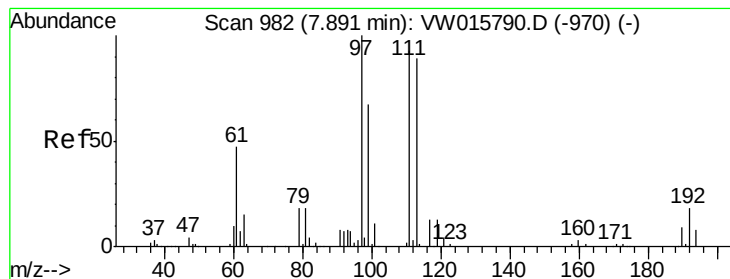
Tot Ion: 65 Resp: 99937
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015828.D
 Acq: 09 Jul 2020 15:03

Tgt Ion: 114 Resp: 219950
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 44.4
 88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 65.516 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW015828.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

OK-02-070720RE

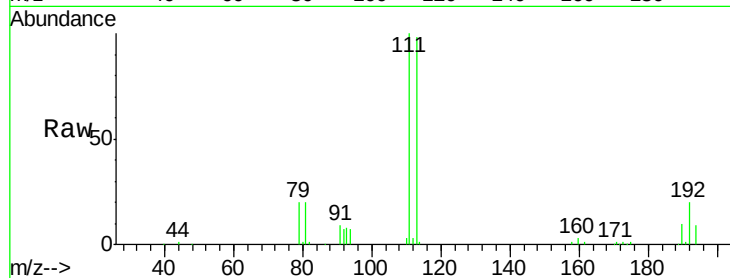
Tot Ion:113 Resp: 84072

Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

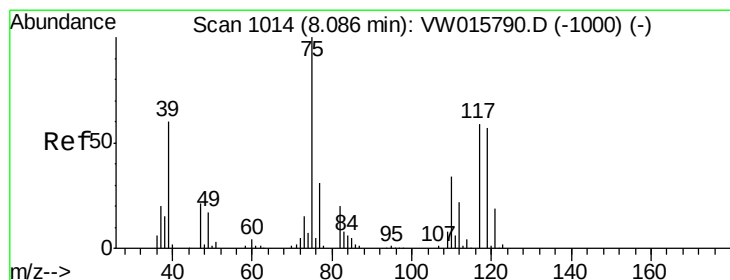
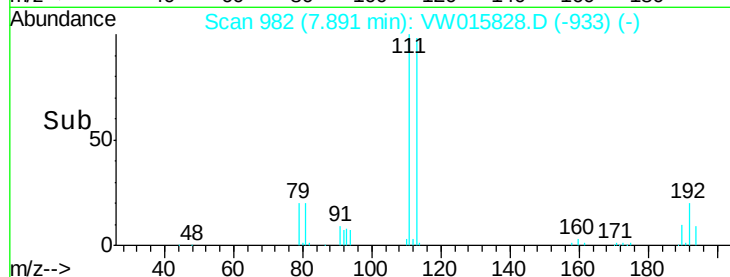
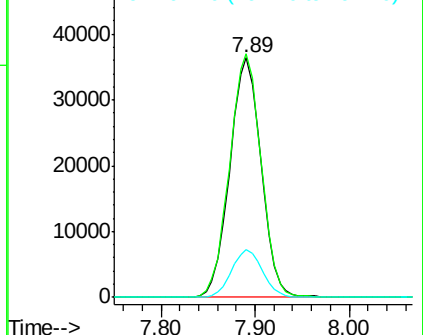
192 19.7 15.4 23.2



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



#36

1,1-Dichloropropene

Concen: 5.021 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015828.D

Acq: 09 Jul 2020 15:03

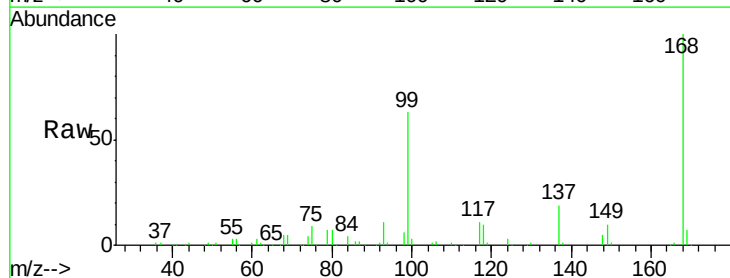
Tgt Ion: 75 Resp: 10886

Ion Ratio Lower Upper

75 100

110 8.7 16.8 50.3#

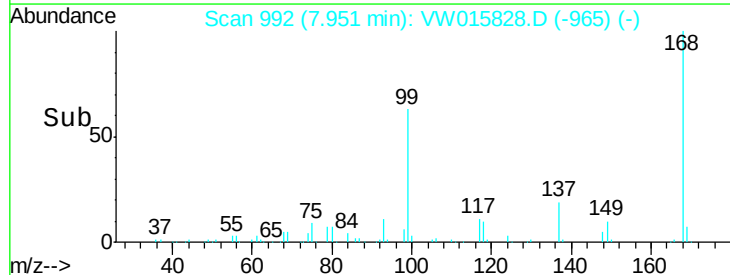
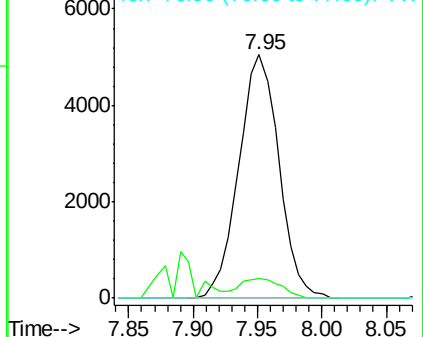
77 0.0 24.7 37.1#

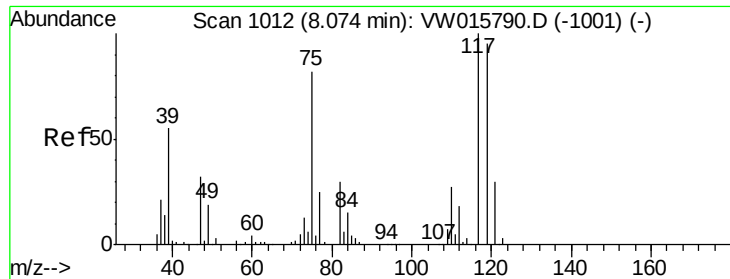


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

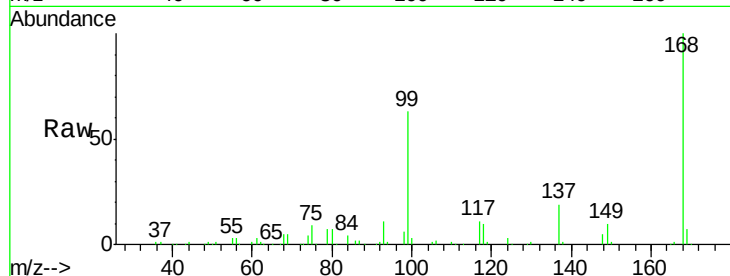




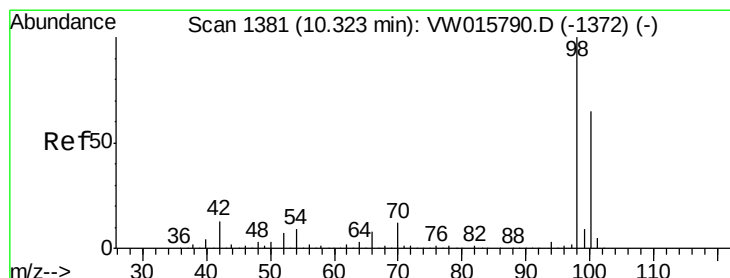
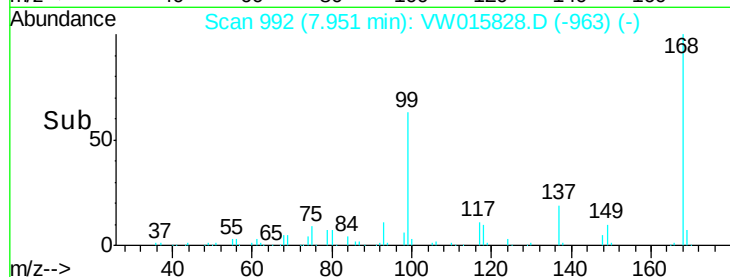
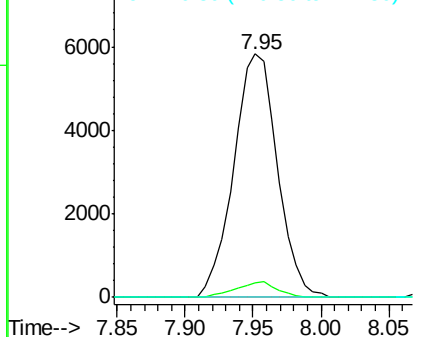
#38
Carbon Tetrachloride
Concen: 6.223 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015828.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_W
ClientSampleId :
OK-02-070720RE

Tot Ion:117 Resp: 13055
Ion Ratio Lower Upper
117 100
119 6.2 76.3 114.5#
121 0.0 24.0 36.0#

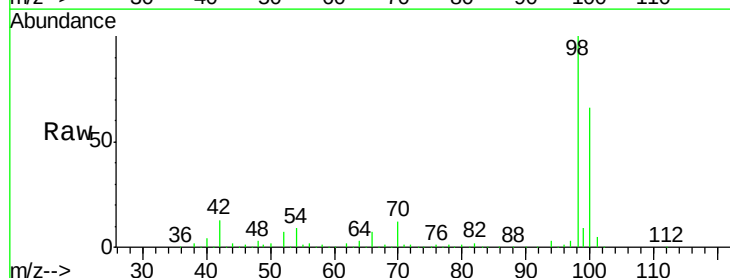


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

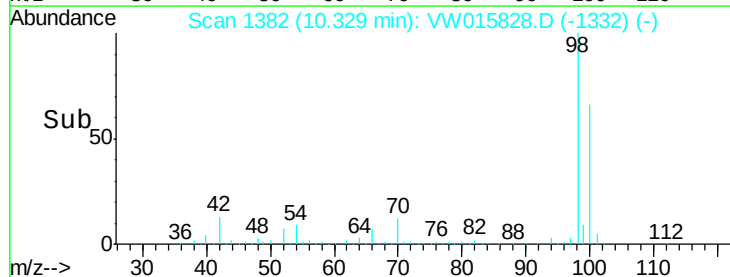
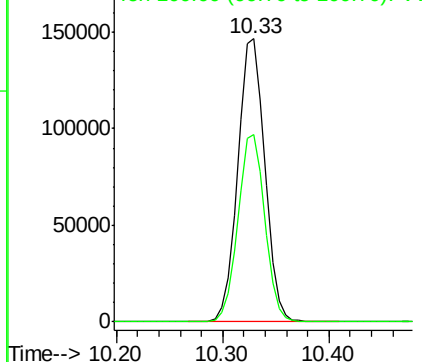


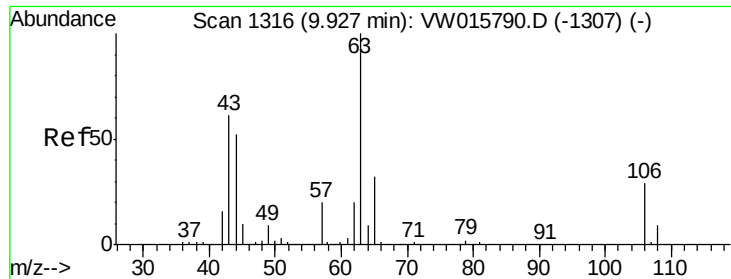
#50
Toluene-d8
Concen: 53.235 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015828.D
Acq: 09 Jul 2020 15:03

Tgt Ion: 98 Resp: 262400
Ion Ratio Lower Upper
98 100
100 65.6 52.6 79.0



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

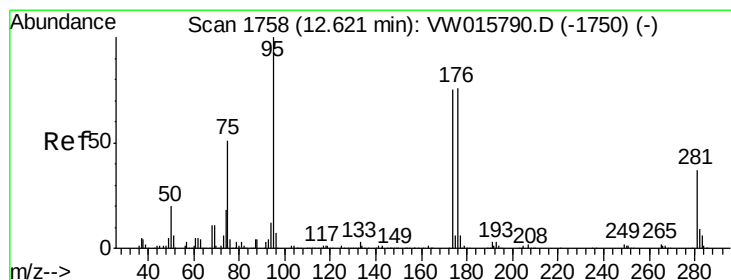
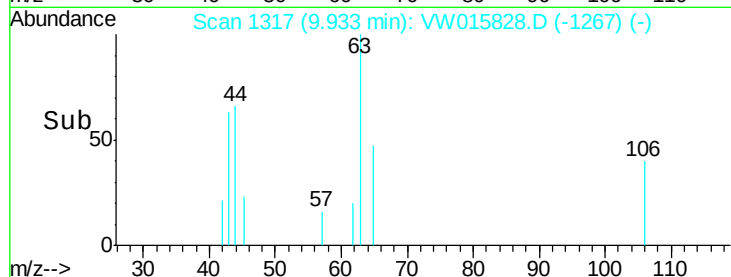
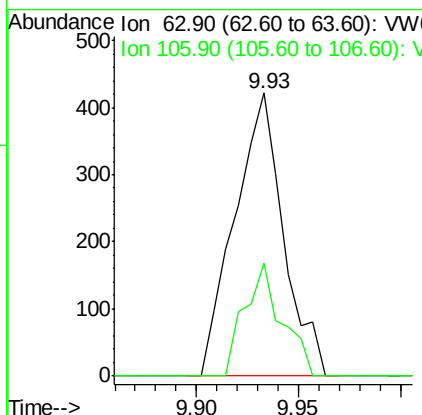
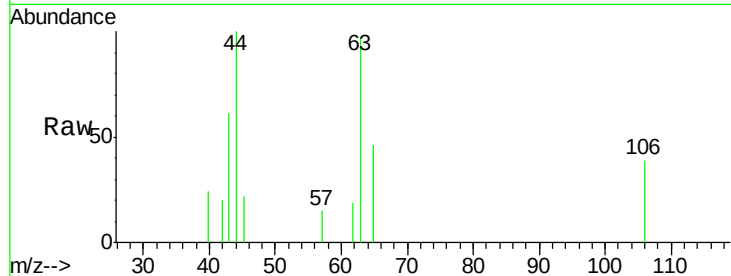




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.121 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW015828.D
 Acq: 09 Jul 2020 15:03

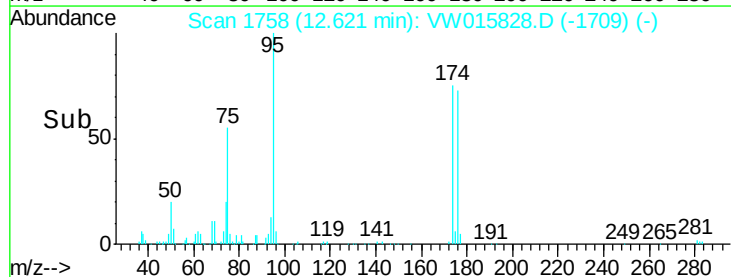
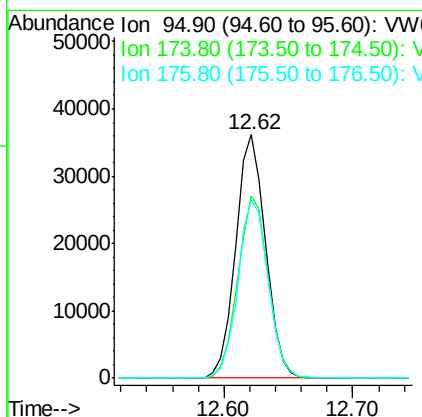
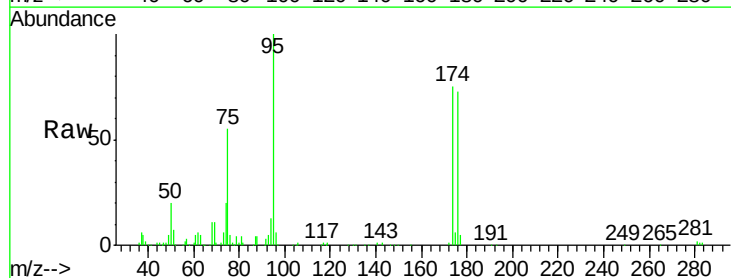
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 MSVOA_W
 ClientSampleId :
 OK-02-070720RE

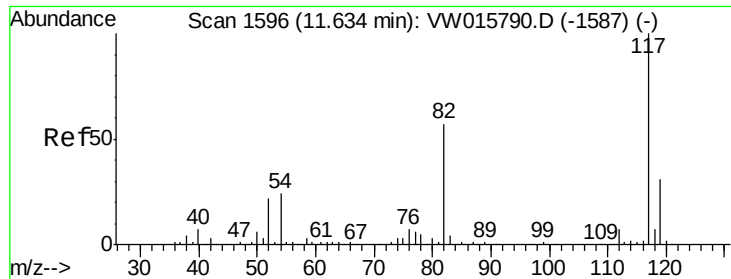
Tot Ion: 63 Resp: 702
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.1 34.7



#62
 4-Bromofluorobenzene
 Concen: 32.065 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW015828.D
 Acq: 09 Jul 2020 15:03

Tgt Ion: 95 Resp: 57996
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 150.2
 176 74.0 0.0 148.4

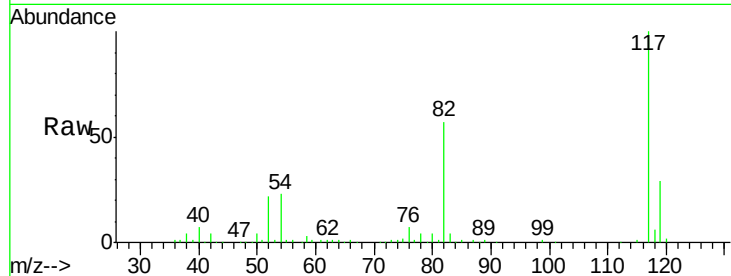




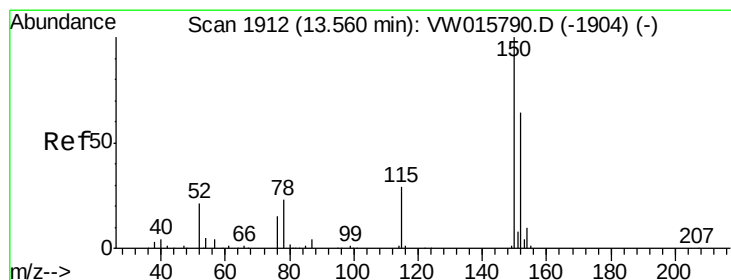
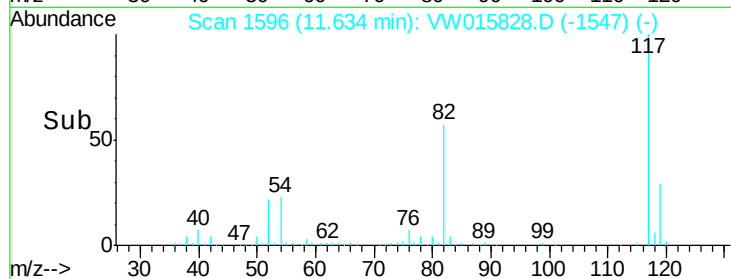
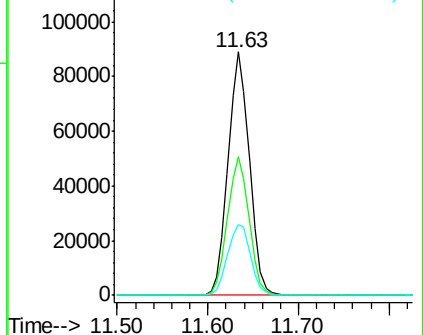
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015828.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_W
ClientSampleId :
OK-02-070720RE

Tot Ion:117 Resp: 145571
Ion Ratio Lower Upper
117 100
82 57.0 45.5 68.3
119 29.3 25.0 37.6

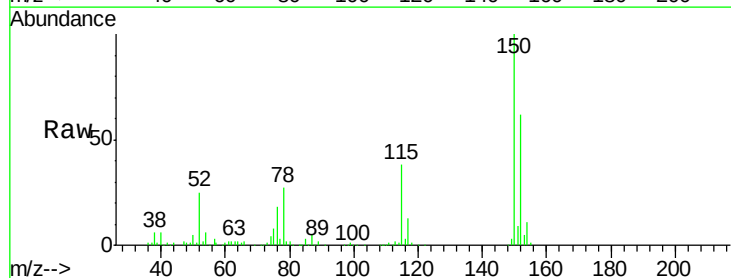


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

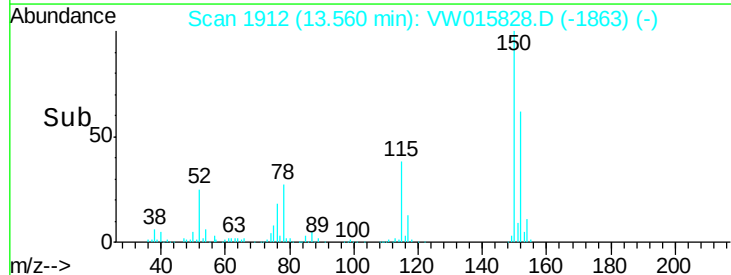
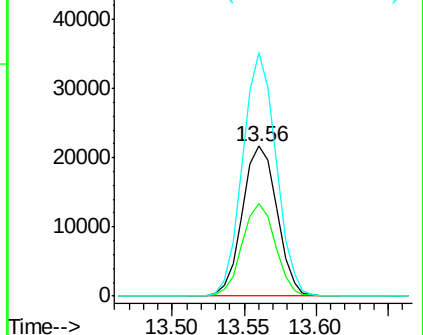


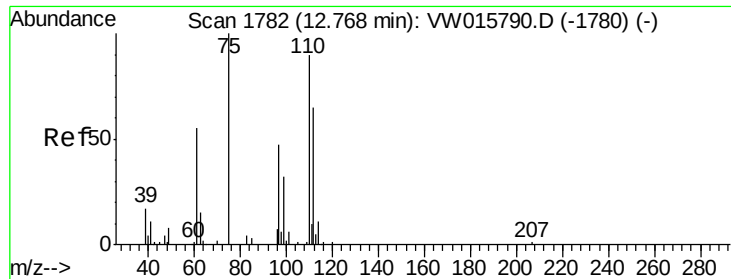
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015828.D
Acq: 09 Jul 2020 15:03

Tgt Ion:152 Resp: 36106
Ion Ratio Lower Upper
152 100
115 59.3 29.9 89.7
150 157.0 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

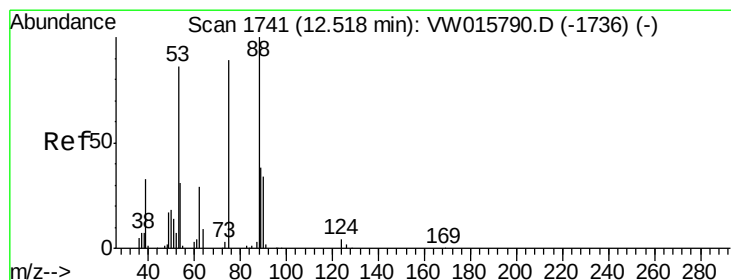
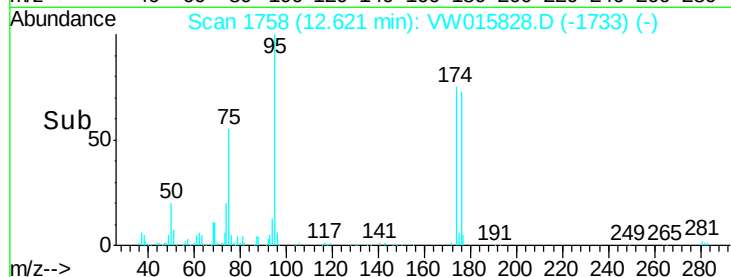
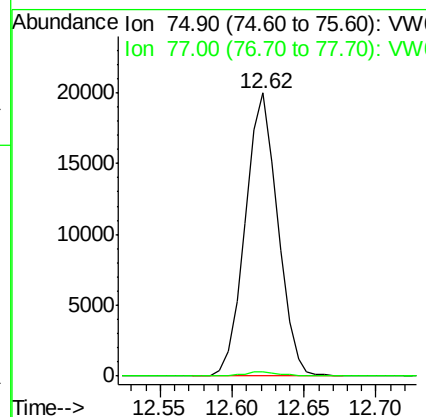
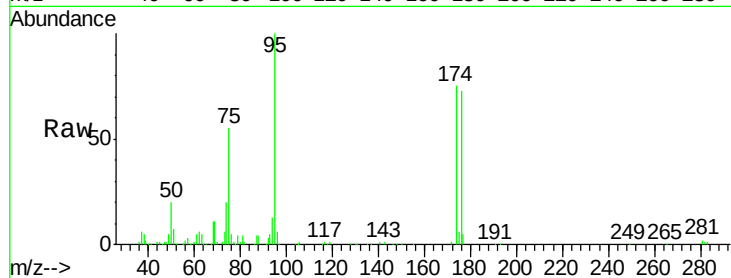




#76
 1,2,3-Trichloropropane
 Concen: 98.448 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW015828.D
 Acq: 09 Jul 2020 15:03

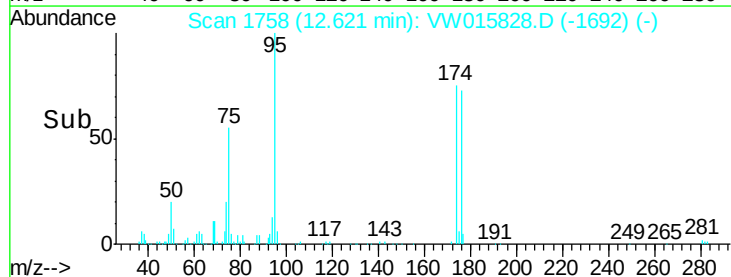
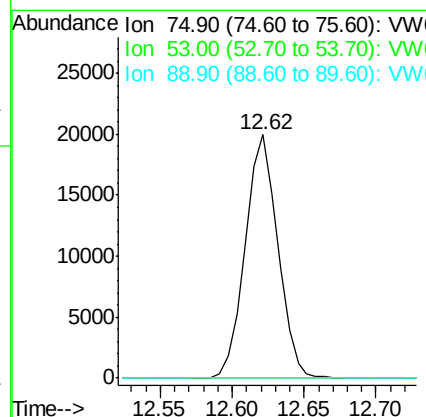
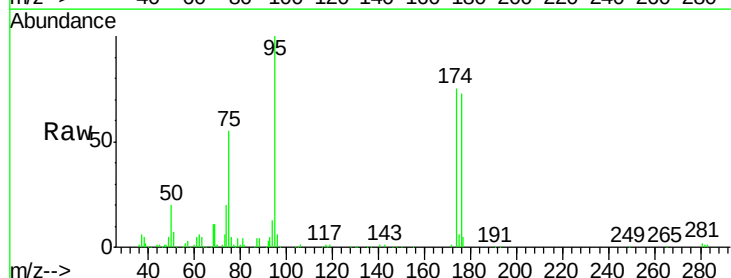
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-070720RE

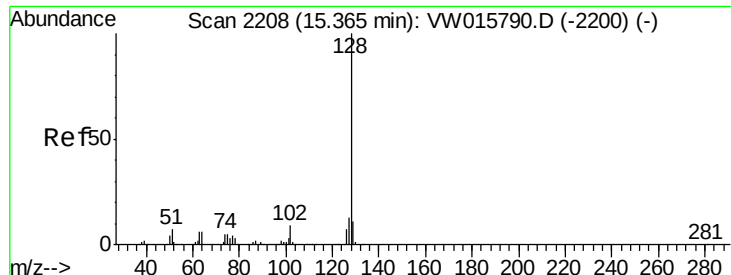
Tot Ion: 75 Resp: 31240
 Ion Ratio Lower Upper
 75 100
 77 1.4 177.3 532.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 210.357 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW015828.D
 Acq: 09 Jul 2020 15:03

Tgt Ion: 75 Resp: 31240
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.9 128.9#
 89 0.0 36.2 54.4#





#95

Naphthalene

Concen: 9.454 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW015828.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_W

ClientSampleId :

OK-02-070720RE

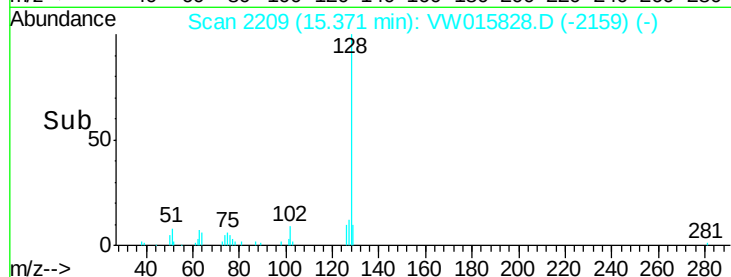
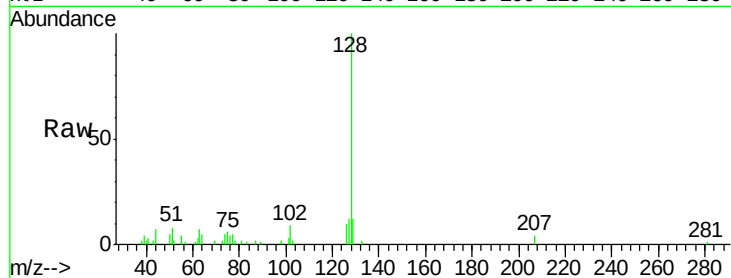
Tot Ion:128 Resp: 8211

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 12.0 8.7 13.1



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

