

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011338.D
 Acq On : 18 Jul 2019 17:09
 Operator : SY/VA
 Sample : K3813-02
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC026-SD-190712

Quant Time: Jul 19 06:45:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

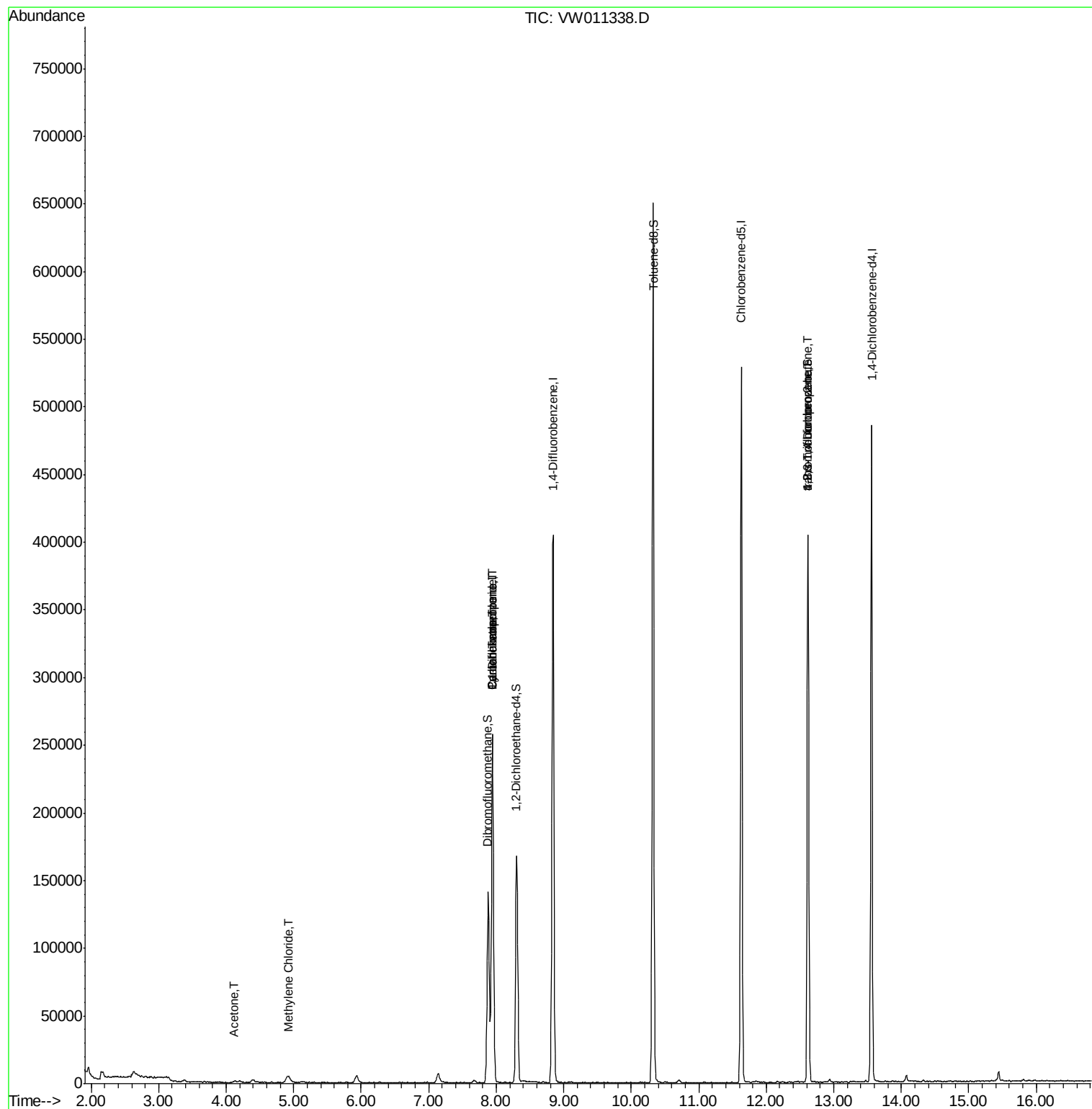
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	186992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	323079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117692	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	135166	57.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.06%	
35) Dibromofluoromethane	7.88	113	100361	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
50) Toluene-d8	10.32	98	402367	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.62	95	134347	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
Target Compounds						
16) Acetone	4.12	43	2292	4.054	ug/l #	79
18) Methyl Acetate	4.68	43	374	Below Cal	#	57
20) Methylene Chloride	4.92	84	3955	1.773	ug/l #	78
31) Cyclohexane	7.94	56	4914	1.080	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	16341	4.750	ug/l #	51
38) Carbon Tetrachloride	7.95	117	18745	6.427	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	71422	52.513	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71422	118.775	ug/l #	5

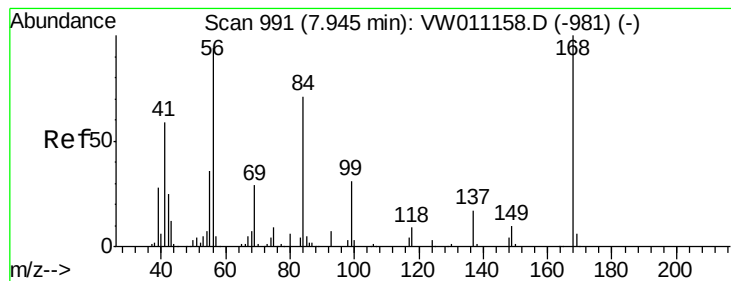
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 2019
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: VW011338.D

Acq: 18 Jul 2019 17:09

Instrument :

MSVOA_W

ClientSampleId :

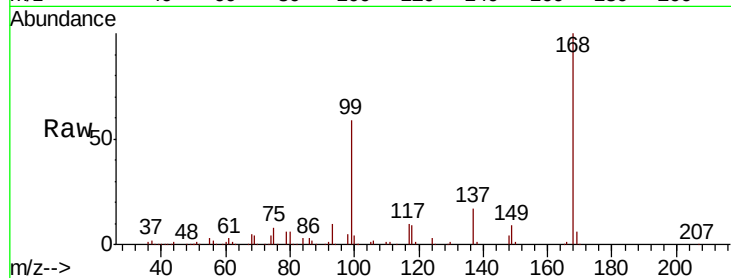
KY030LC026-SD-190712

Tot Ion:168 Resp: 186992

Ion Ratio Lower Upper

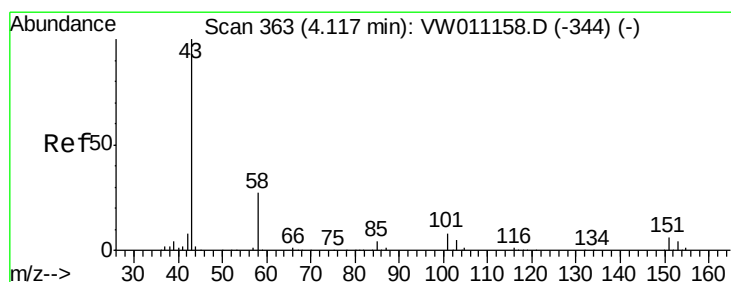
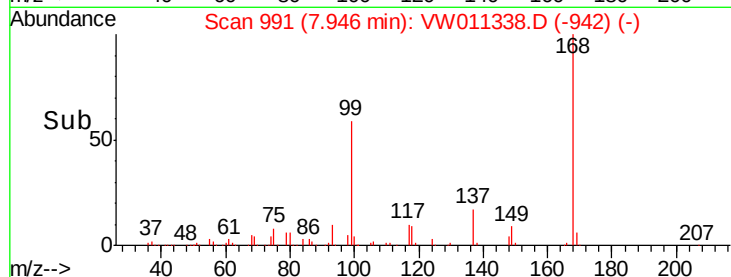
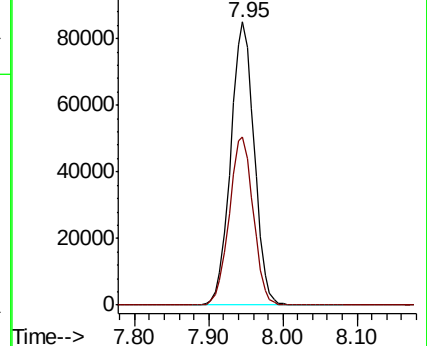
168 100

99 59.3 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 4.054 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011338.D

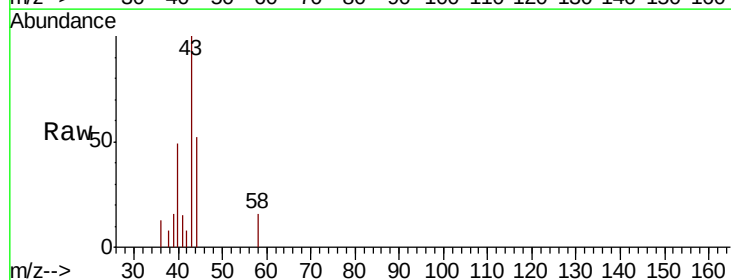
Acq: 18 Jul 2019 17:09

Tgt Ion: 43 Resp: 2292

Ion Ratio Lower Upper

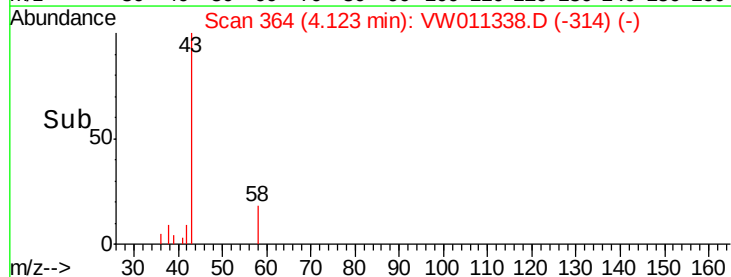
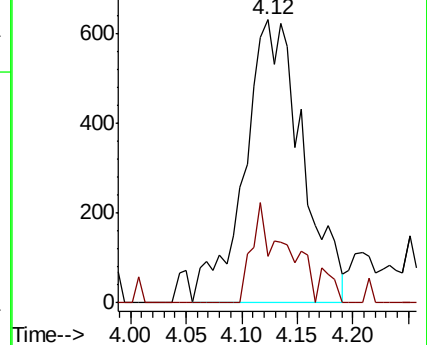
43 100

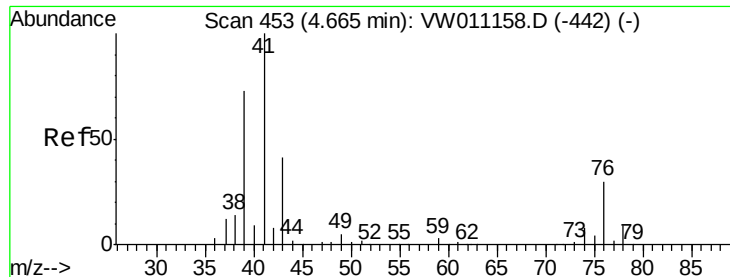
58 16.5 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

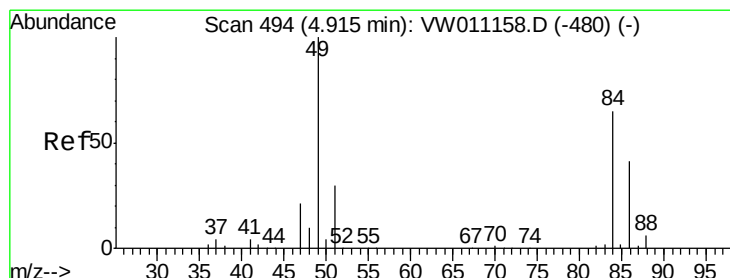
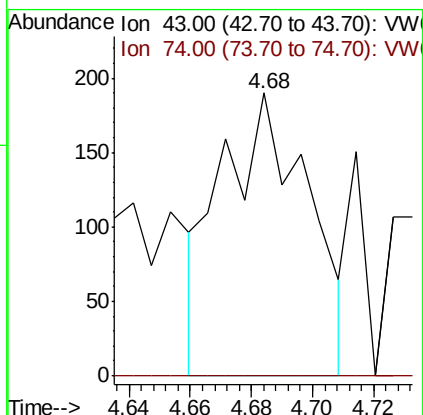
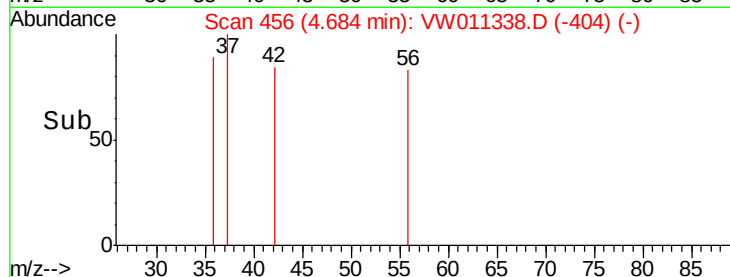
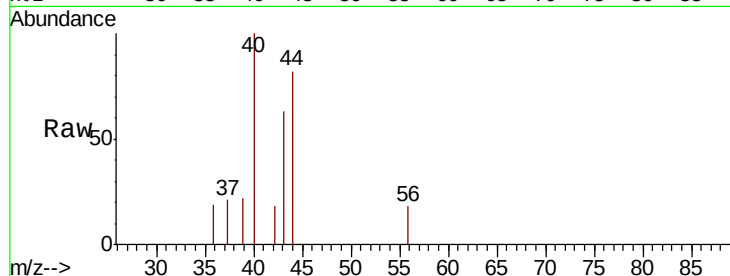




#18
Methyl Acetate
Concen: Below Cal
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW011338.D
Acq: 18 Jul 2019 17:09

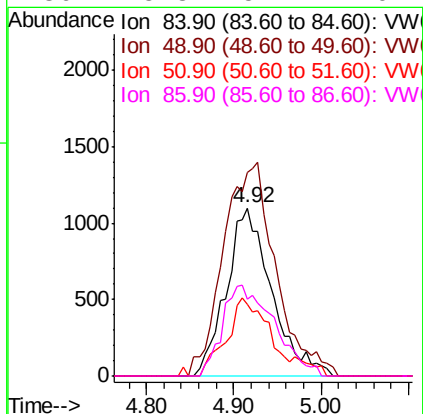
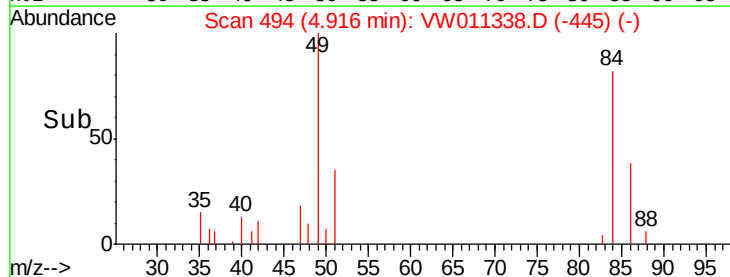
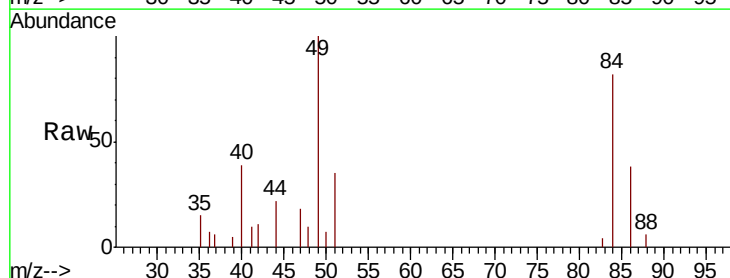
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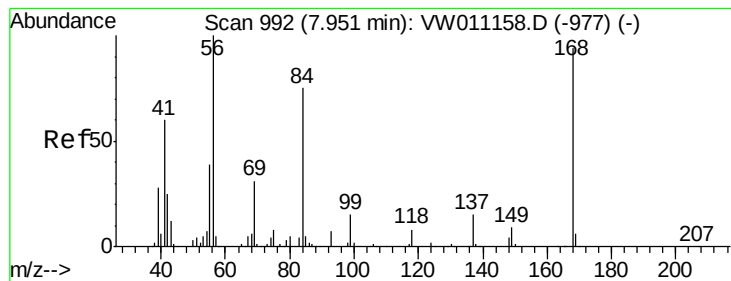
Tot Ion: 43 Resp: 374
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#



#20
Methylene Chloride
Concen: 1.773 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW011338.D
Acq: 18 Jul 2019 17:09

Tgt Ion: 84 Resp: 3955
Ion Ratio Lower Upper
84 100
49 121.6 123.8 185.6#
51 42.7 37.4 56.2
86 45.8 51.1 76.7#





#31

Cyclohexane

Concen: 1.080 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011338.D

Acq: 18 Jul 2019 17:09

Instrument :

MSVOA_W

ClientSampleId :

KY030LC026-SD-190712

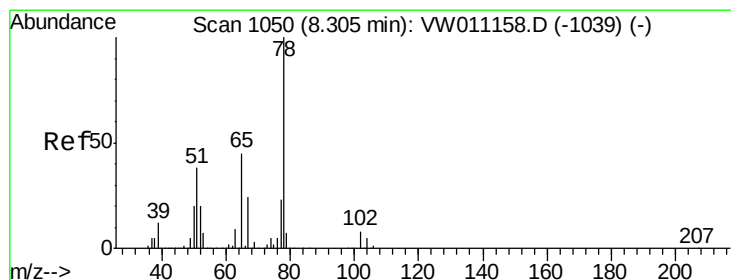
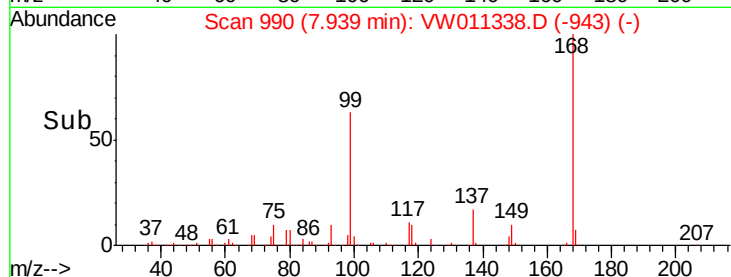
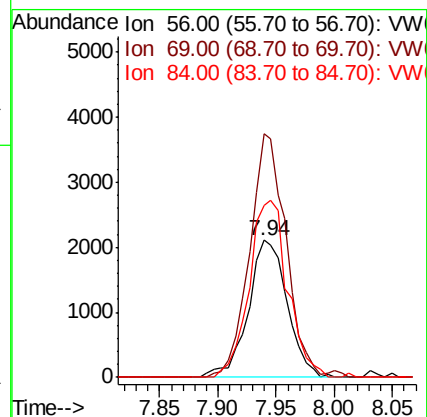
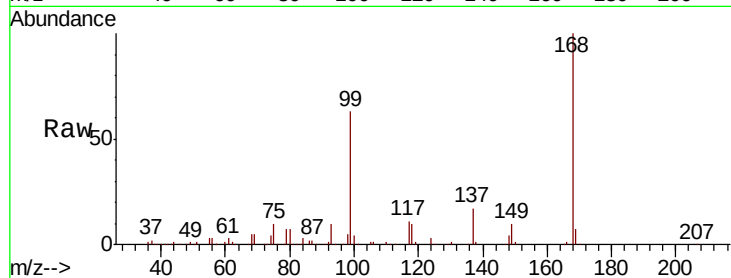
Tot Ion: 56 Resp: 4914

Ion Ratio Lower Upper

56 100

69 177.4 24.6 36.8#

84 125.7 60.1 90.1#



#33

1,2-Dichloroethane-d4

Concen: 57.527 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011338.D

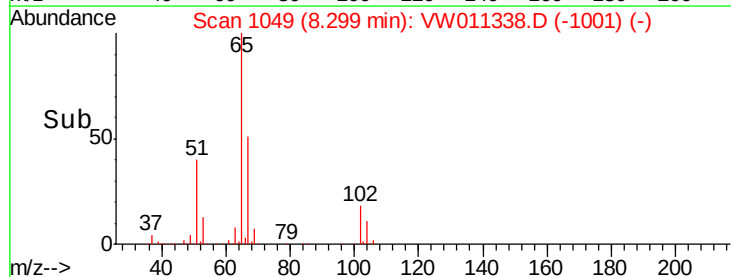
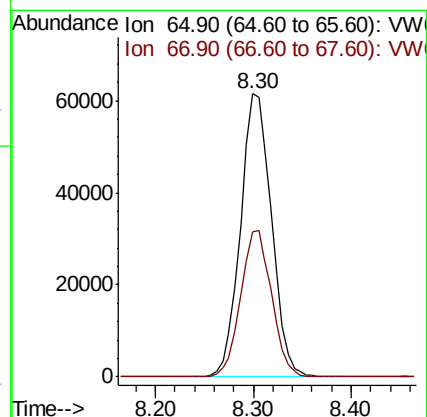
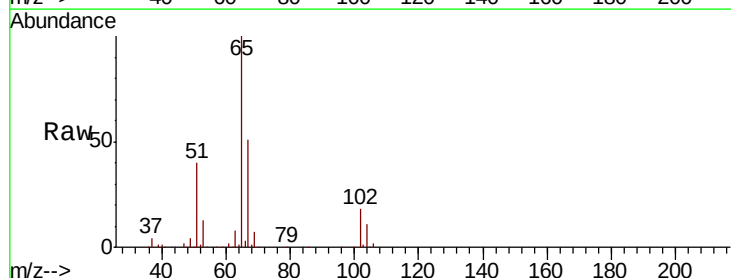
Acq: 18 Jul 2019 17:09

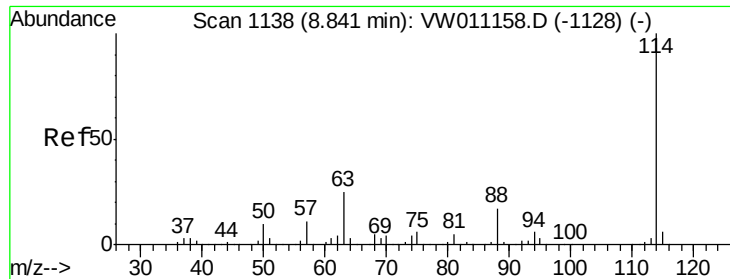
Tgt Ion: 65 Resp: 135166

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4

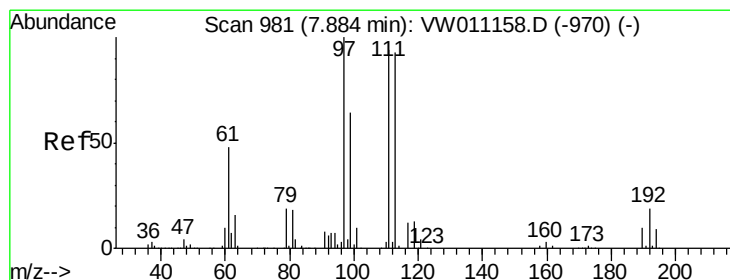
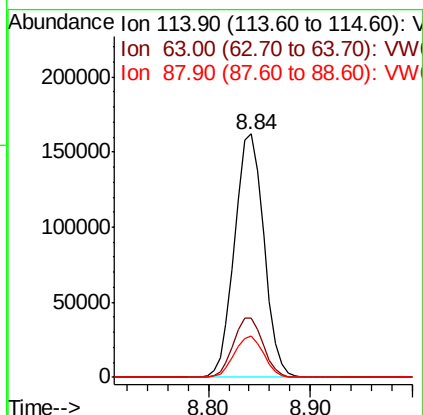
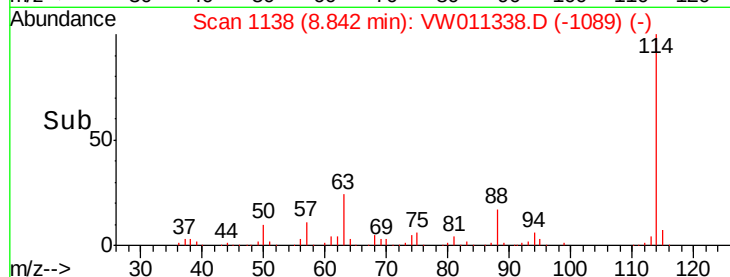
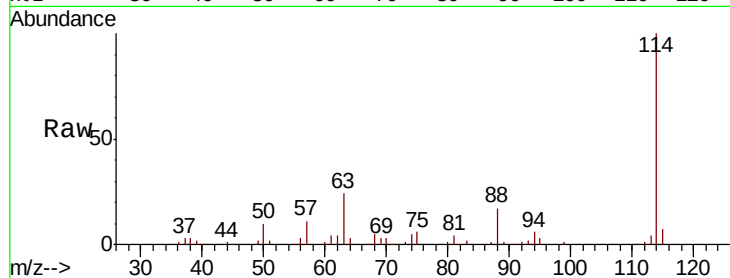




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011338.D
 Acq: 18 Jul 2019 17:09

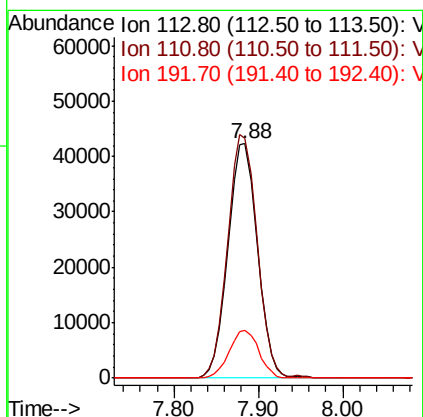
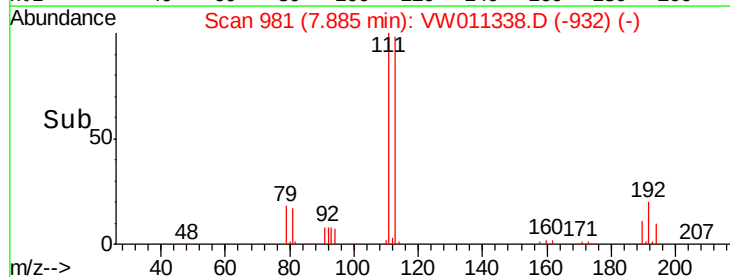
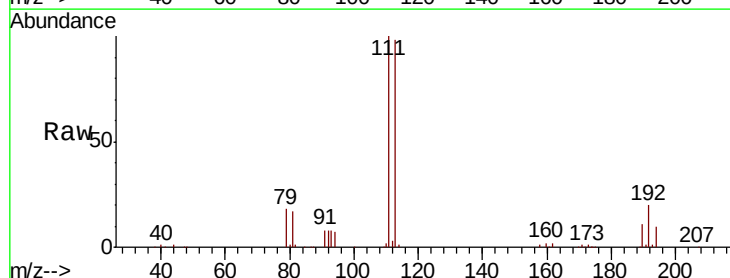
Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC026-SD-190712

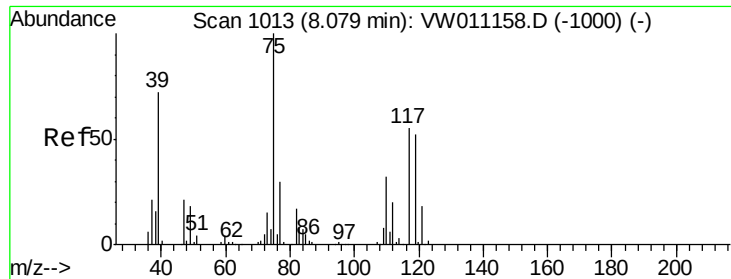
Tot Ion:114 Resp: 323079
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 50.8
 88 16.8 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 52.117 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011338.D
 Acq: 18 Jul 2019 17:09

Tgt Ion:113 Resp: 100361
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.4 123.6
 192 20.4 15.8 23.8

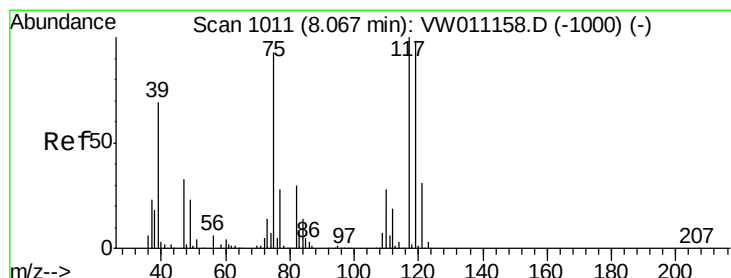
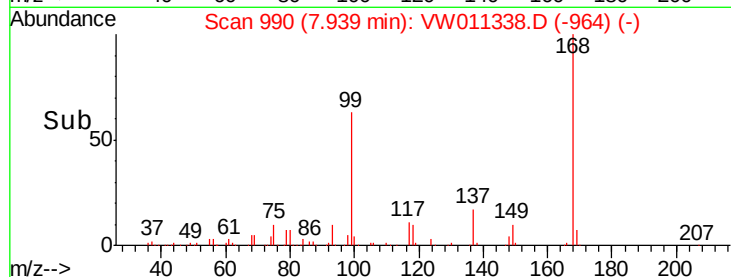
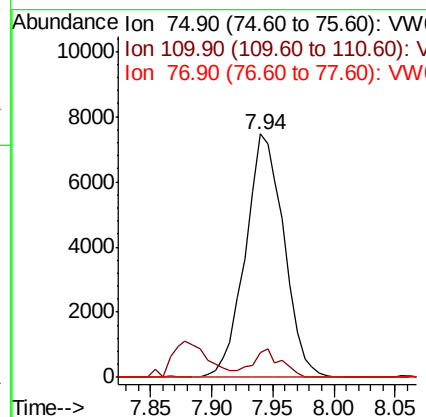
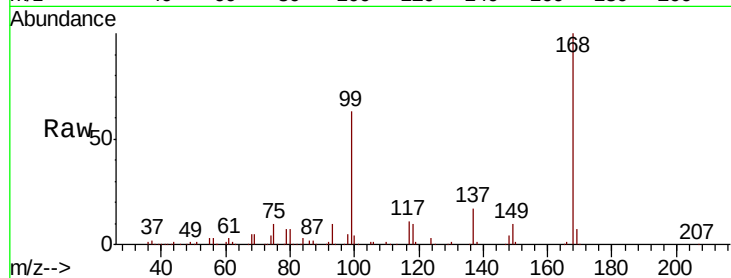




#36
 1,1-Dichloropropene
 Concen: 4.750 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011338.D
 Acq: 18 Jul 2019 17:09

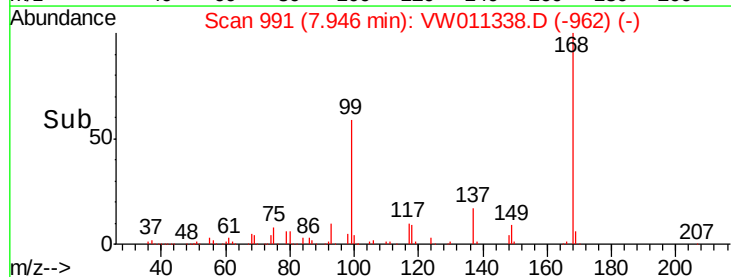
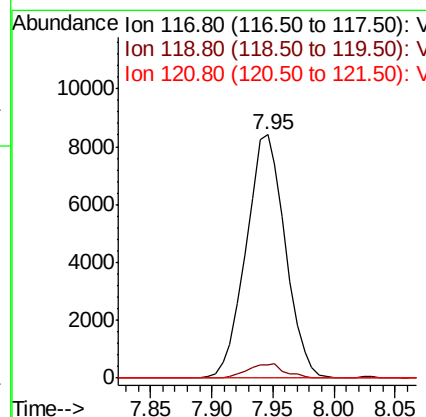
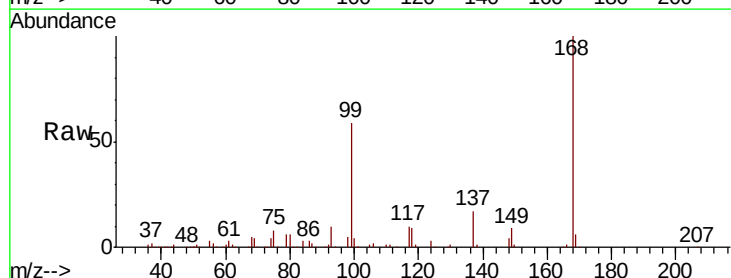
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 ClientSampleId :
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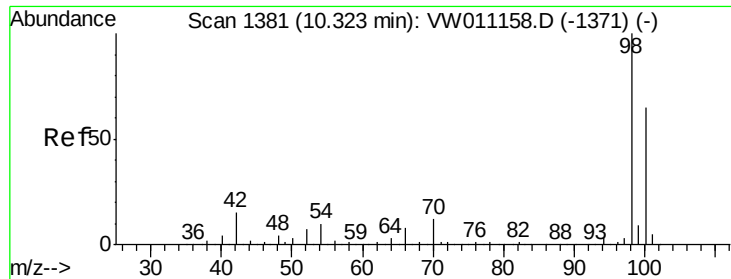
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	15.9	47.6#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.427 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011338.D
 Acq: 18 Jul 2019 17:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.1	117.1#
121	0.0	25.1	37.7#

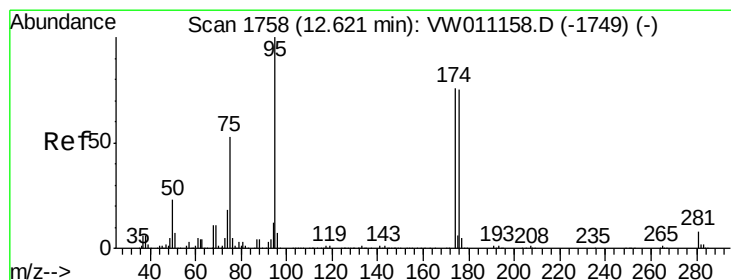
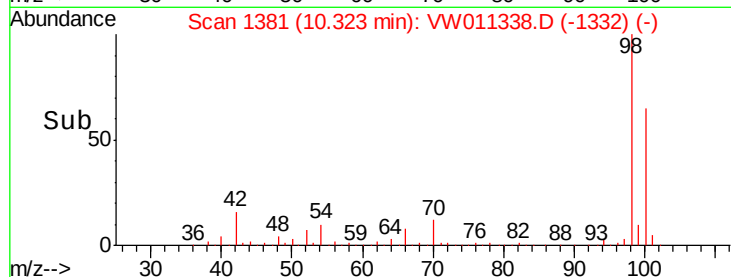
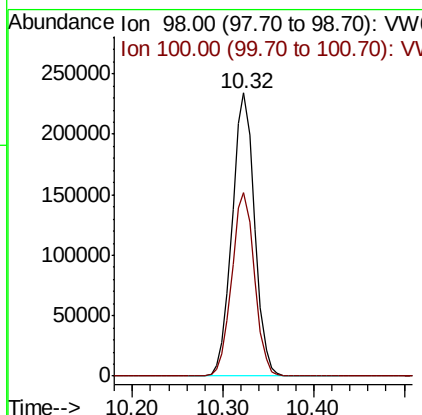
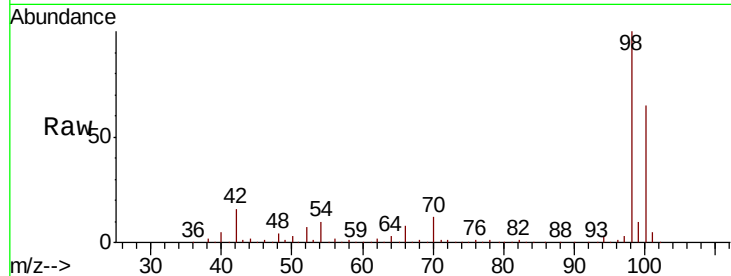




#50
Toluene-d8
Concen: 51.692 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011338.D
Acq: 18 Jul 2019 17:09

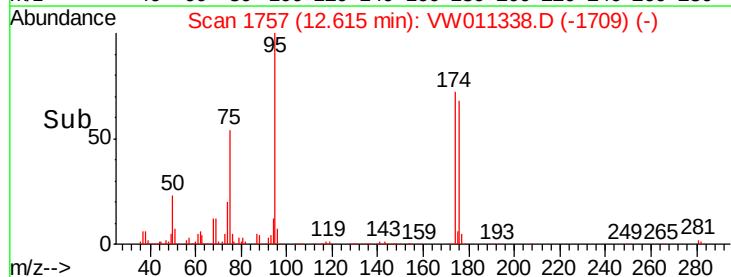
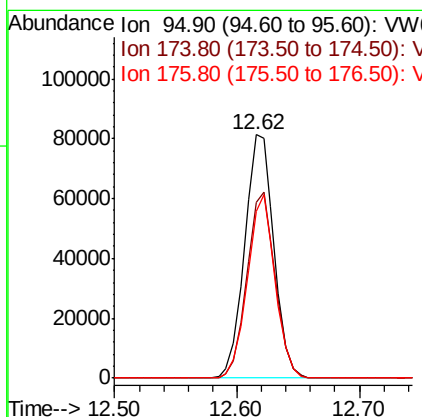
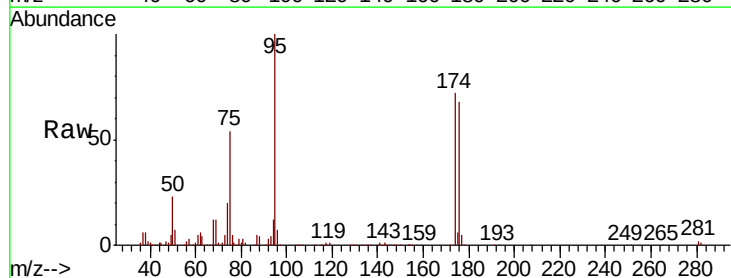
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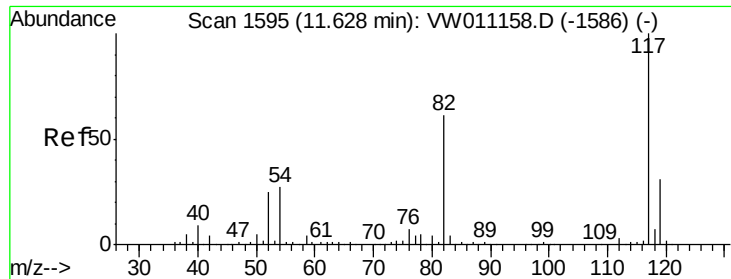
Tot Ion: 98 Resp: 402367
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.088 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011338.D
Acq: 18 Jul 2019 17:09

Tgt Ion: 95 Resp: 134347
Ion Ratio Lower Upper
95 100
174 74.6 0.0 147.6
176 71.6 0.0 144.6

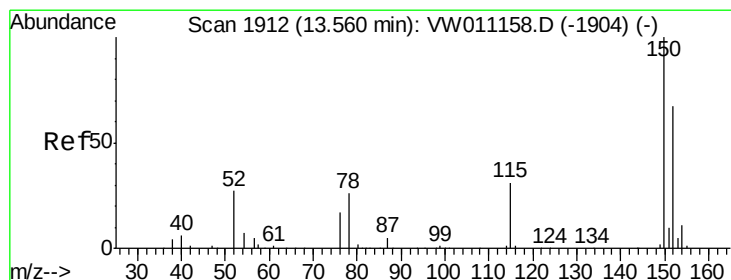
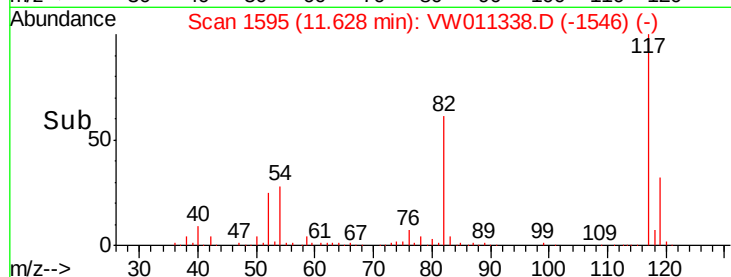
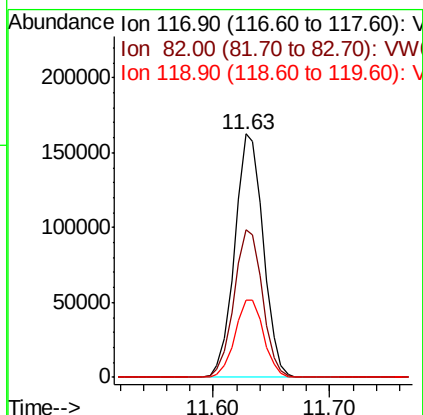
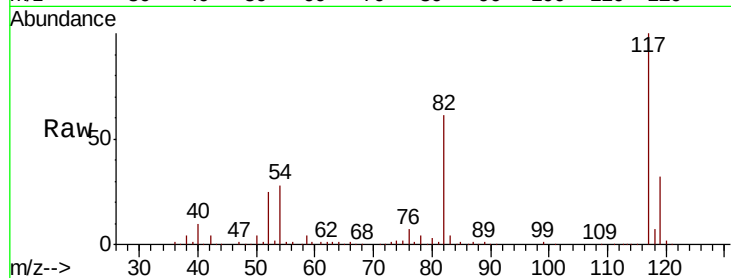




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011338.D
Acq: 18 Jul 2019 17:09

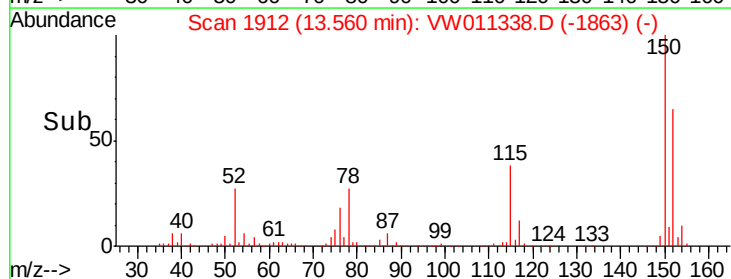
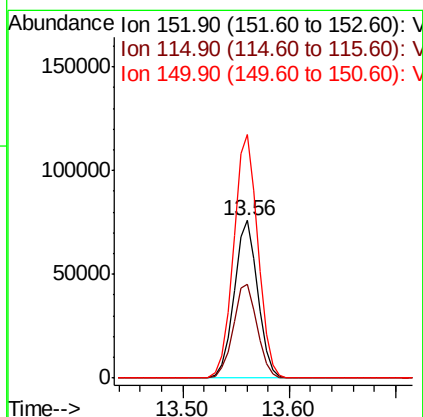
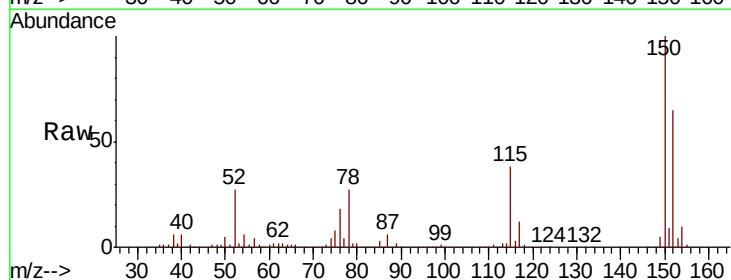
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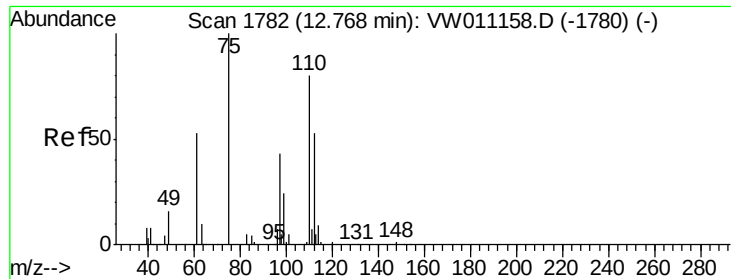
Tot Ion:117 Resp: 277373
Ion Ratio Lower Upper
117 100
82 60.5 48.9 73.3
119 31.7 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011338.D
Acq: 18 Jul 2019 17:09

Tgt Ion:152 Resp: 117692
Ion Ratio Lower Upper
152 100
115 60.6 30.1 90.3
150 158.8 0.0 346.0

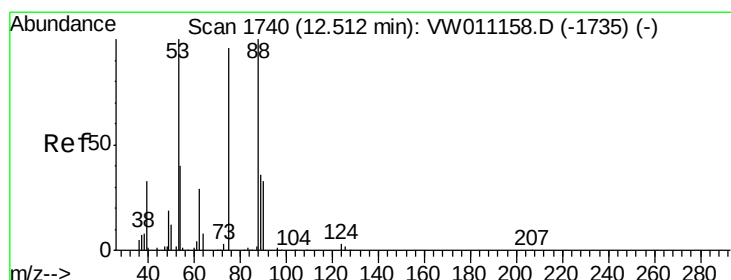
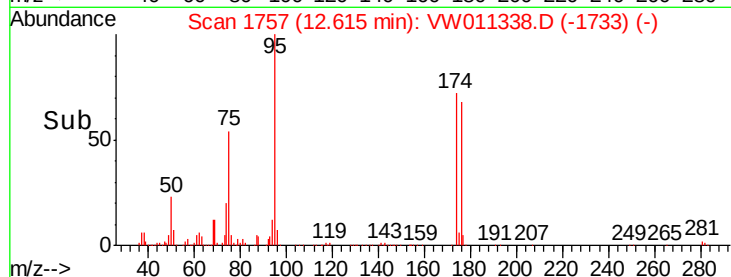
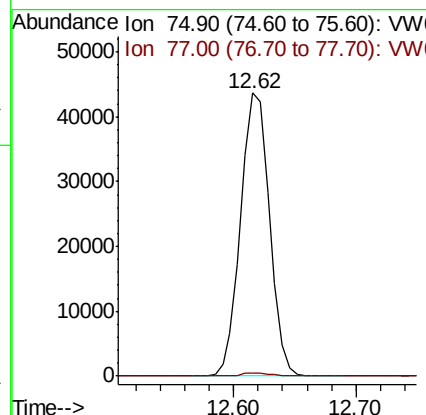
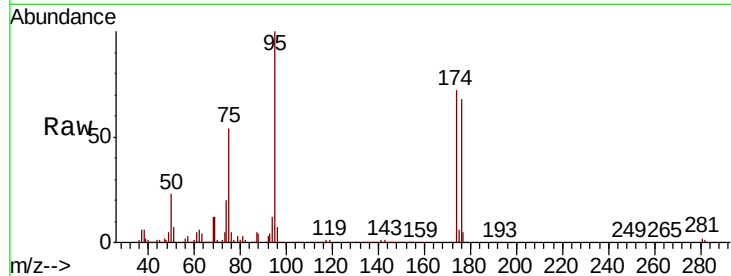




#76
 1,2,3-Trichloropropane
 Concen: 52.513 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011338.D
 Acq: 18 Jul 2019 17:09

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC026-SD-190712

Tot Ion: 75 Resp: 71422
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.775 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011338.D
 Acq: 18 Jul 2019 17:09

Tgt Ion: 75 Resp: 71422
 Ion Ratio Lower Upper
 75 100
 53 0.0 89.8 134.6#
 89 0.0 34.3 51.5#

