

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019200.D
 Acq On : 22 Aug 2024 05:21
 Operator : SY/MD
 Sample : P3671-06
 Misc : 7.89g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-905-J-SO-0-0.5-081924

Quant Time: Aug 22 06:30:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

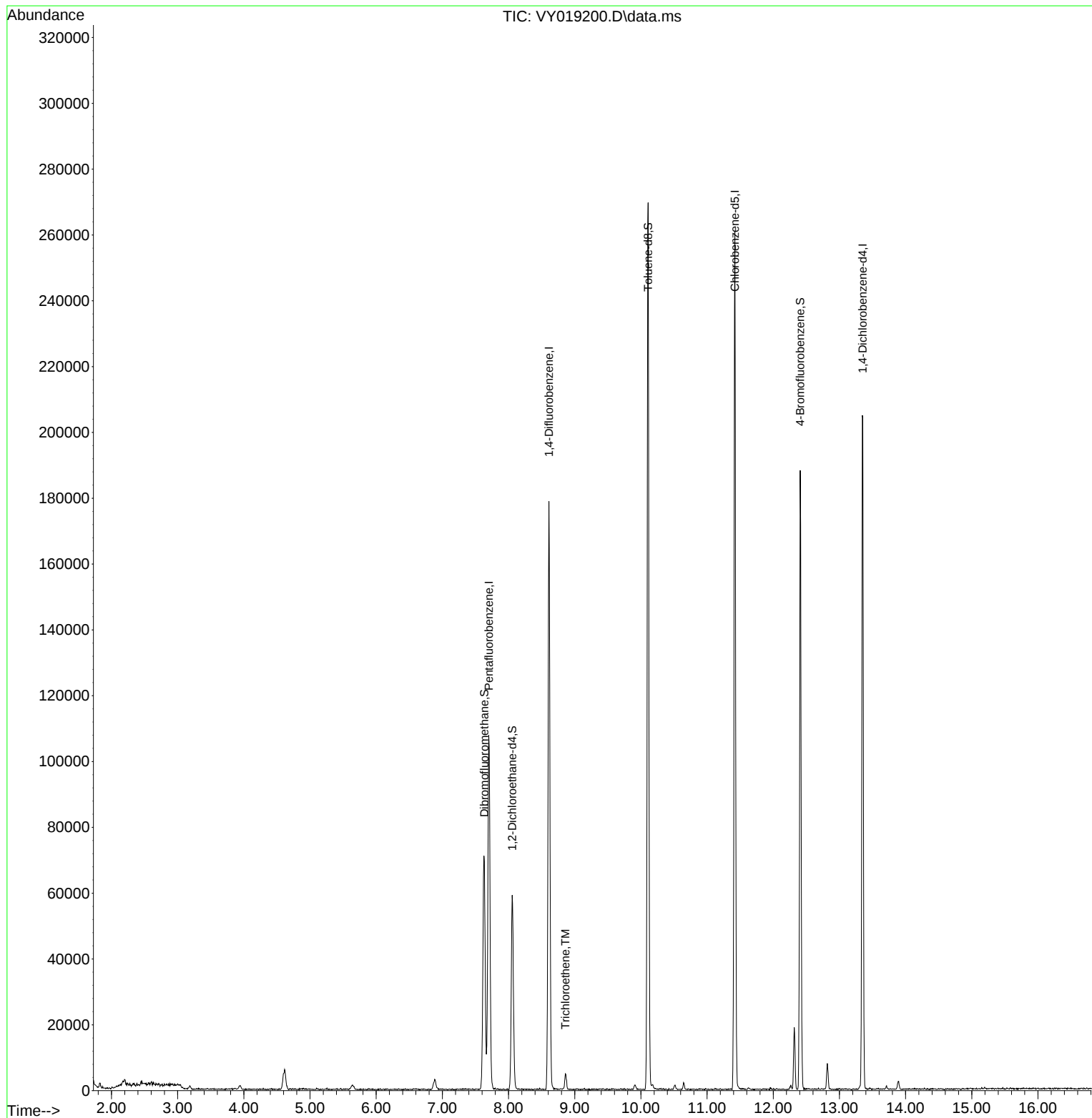
Internal Standards						
1) Pentafluorobenzene	7.701	168	84229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	154608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	140381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	50718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	46427	54.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.980%	
35) Dibromofluoromethane	7.634	113	50298	49.755	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.500%	
50) Toluene-d8	10.109	98	175245	48.171	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.340%	
62) 4-Bromofluorobenzene	12.408	95	54604	44.029	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 88.060%	
Target Compounds						
					Qvalue	
44) Trichloroethene	8.859	130	1708	1.438	ug/l	86

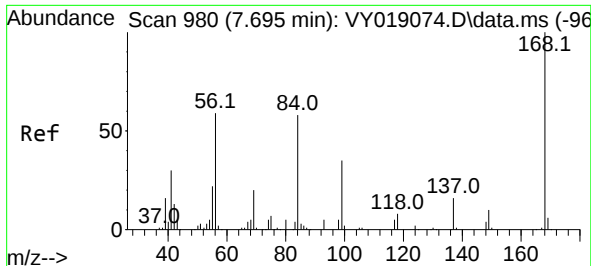
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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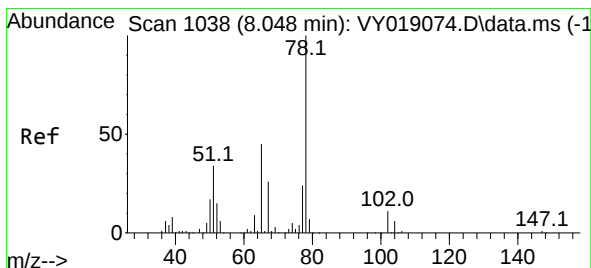
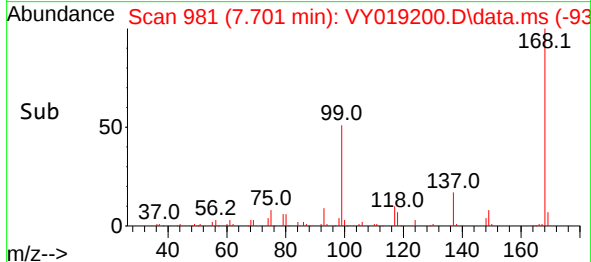
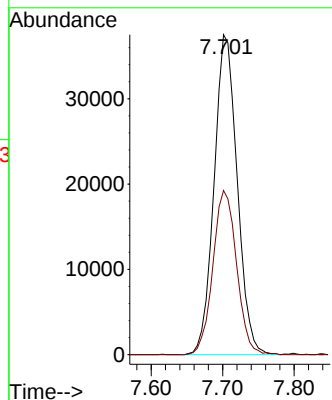
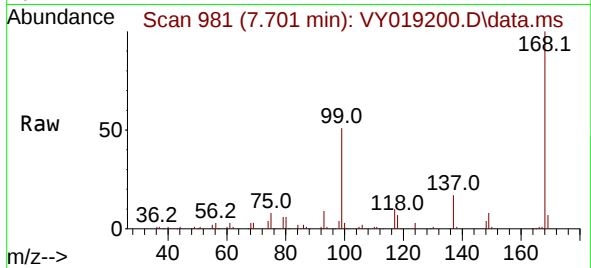




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019200.D
Acq: 22 Aug 2024 05:21

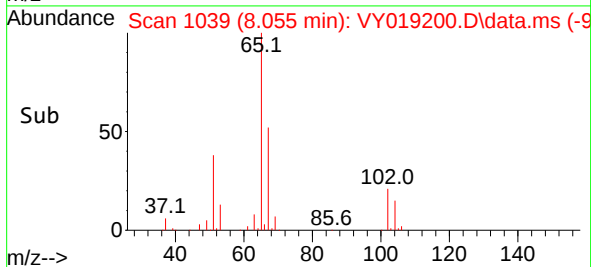
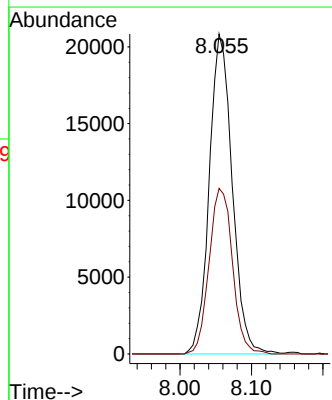
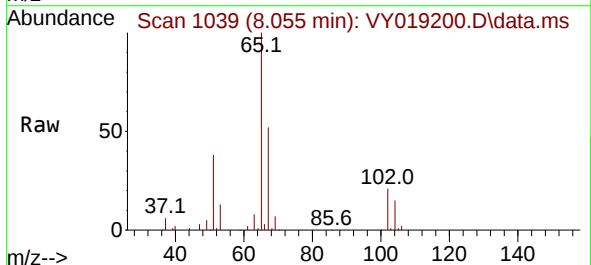
Instrument :
MSVOA_Y
ClientSampleId :
S-905-J-SO-0-0.5-081924

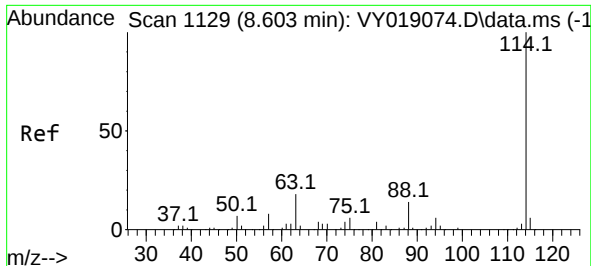
Tgt Ion:168 Resp: 84229
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.987 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019200.D
Acq: 22 Aug 2024 05:21

Tgt Ion: 65 Resp: 46427
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019200.D

Acq: 22 Aug 2024 05:21

Instrument :

MSVOA_Y

ClientSampleId :

S-905-J-SO-0-0.5-081924

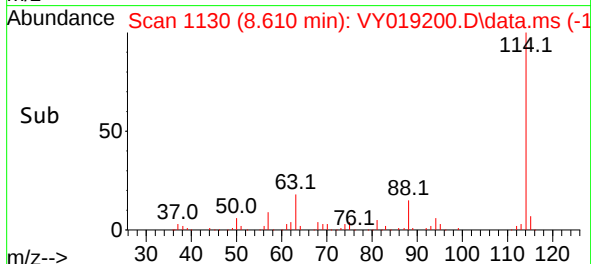
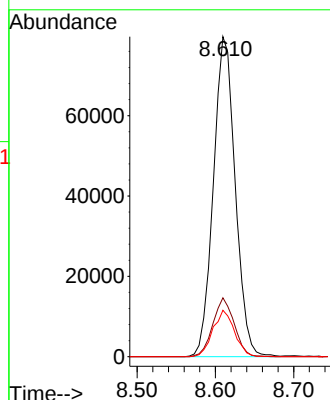
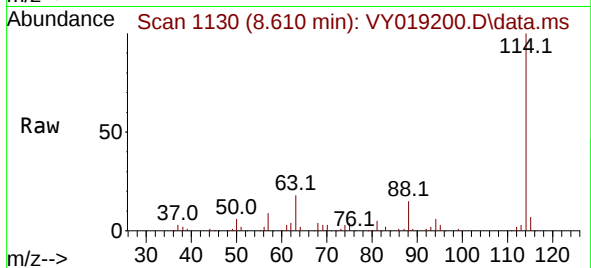
Tgt Ion:114 Resp: 154608

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.755 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.012 min

Lab File: VY019200.D

Acq: 22 Aug 2024 05:21

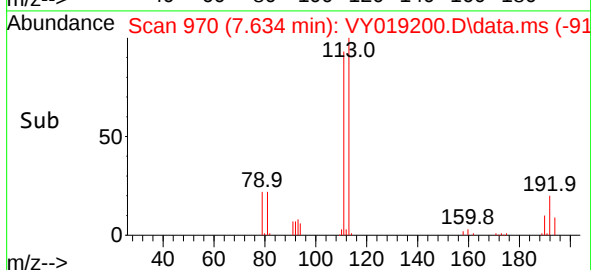
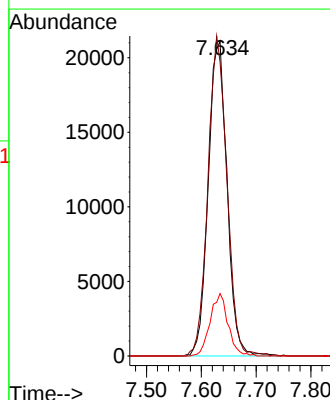
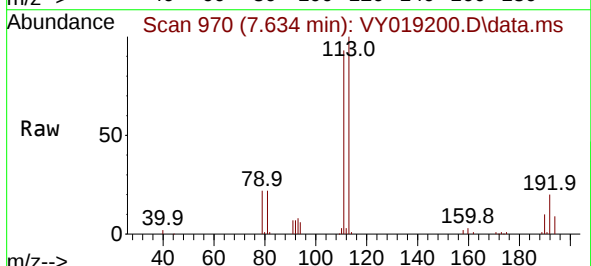
Tgt Ion:113 Resp: 50298

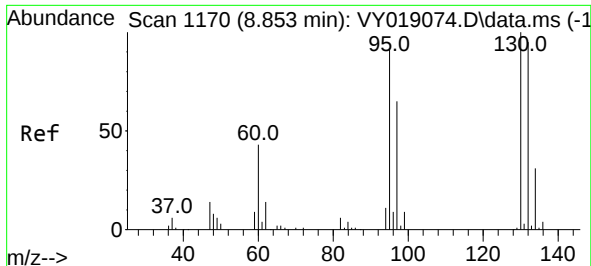
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 18.9 15.9 23.9

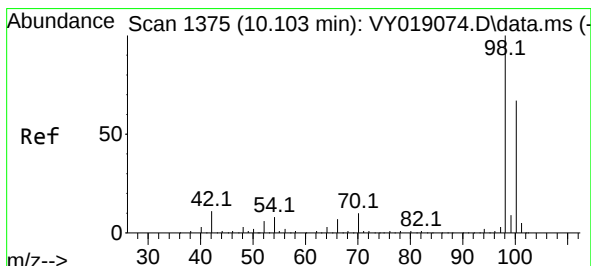
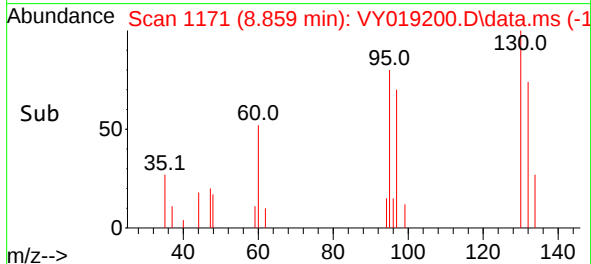
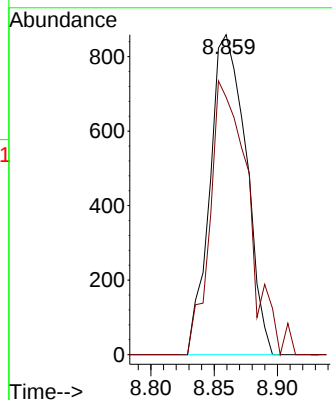
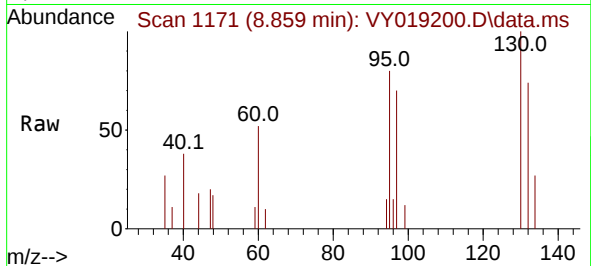




#44
Trichloroethene
Concen: 1.438 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY019200.D
Acq: 22 Aug 2024 05:21

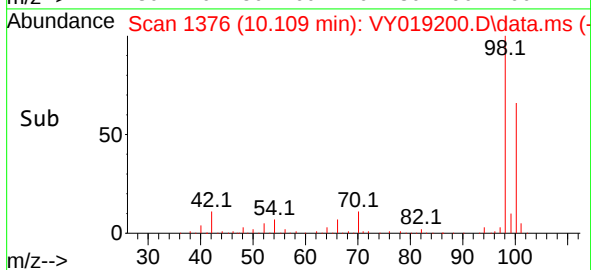
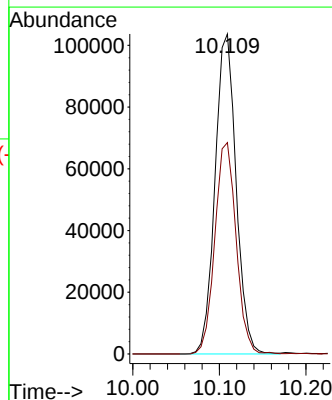
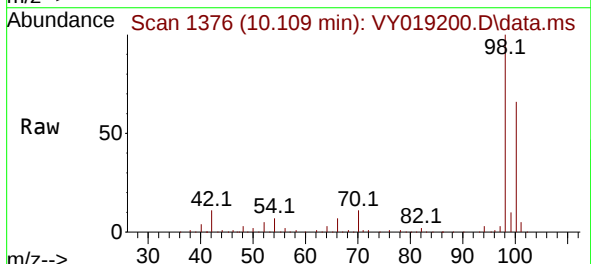
Instrument :
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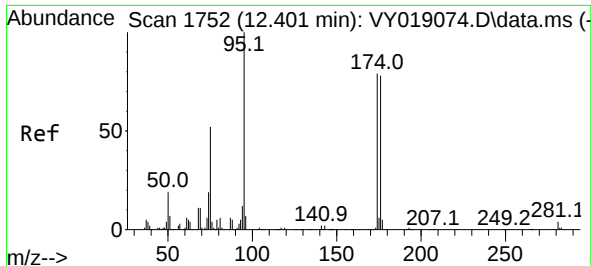
Tgt Ion:130 Resp: 1708
Ion Ratio Lower Upper
130 100
95 80.4 0.0 188.0



#50
Toluene-d8
Concen: 48.171 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY019200.D
Acq: 22 Aug 2024 05:21

Tgt Ion: 98 Resp: 175245
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 44.029 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019200.D

Acq: 22 Aug 2024 05:21

Instrument :

MSVOA_Y

ClientSampleId :

S-905-J-SO-0-0.5-081924

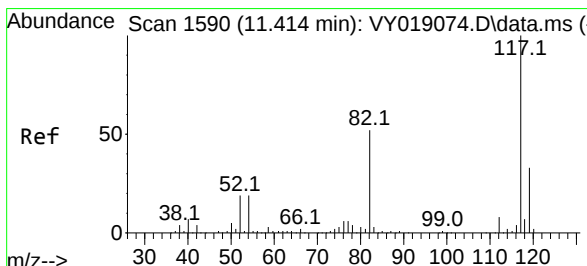
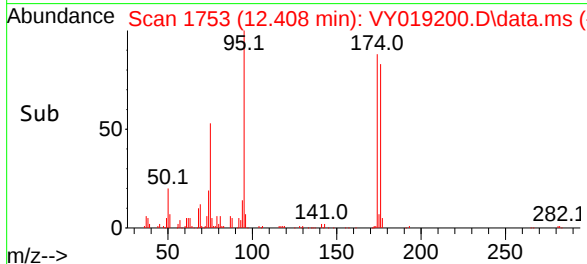
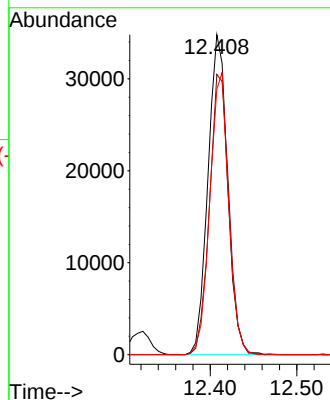
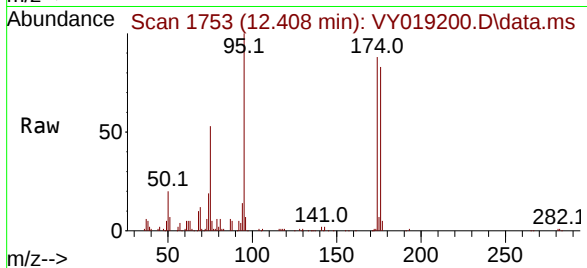
Tgt Ion: 95 Resp: 54604

Ion Ratio Lower Upper

95 100

174 87.1 0.0 175.6

176 84.6 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY019200.D

Acq: 22 Aug 2024 05:21

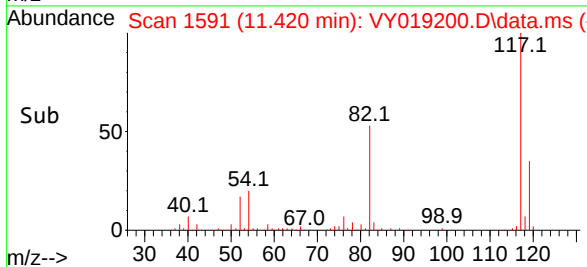
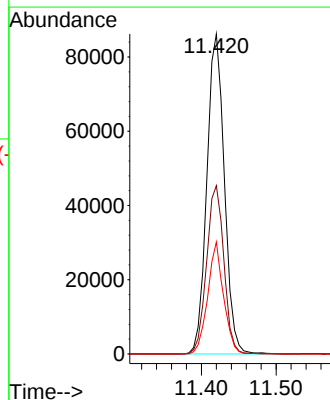
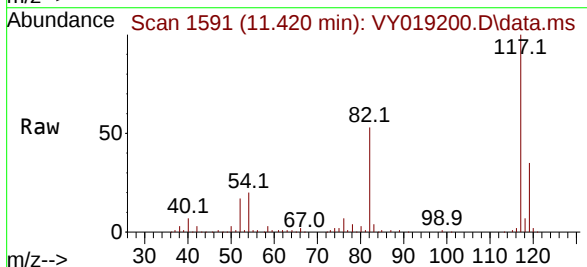
Tgt Ion: 117 Resp: 140381

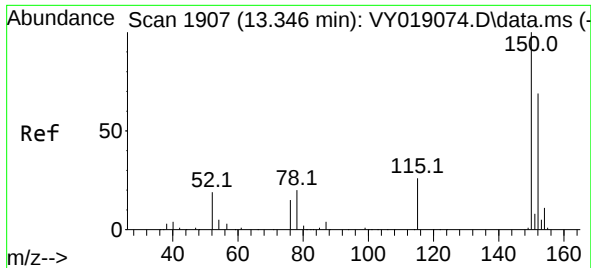
Ion Ratio Lower Upper

117 100

82 52.6 42.4 63.6

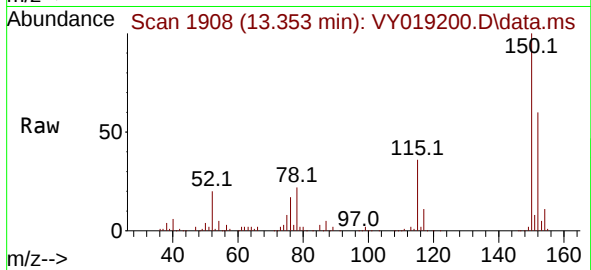
119 35.0 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019200.D
Acq: 22 Aug 2024 05:21

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:	152	Resp:	50718
Ion	Ratio	Lower	Upper
152	100		
115	59.5	28.2	84.7
150	160.9	0.0	345.6

