

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019433.D
 Acq On : 03 Sep 2024 16:47
 Operator : SY/MD
 Sample : P3794-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-857

Quant Time: Sep 04 01:36:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	4558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	5719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	5463	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	2063	47.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.580%
35) Dibromofluoromethane	7.634	113	2089	57.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.540%
50) Toluene-d8	10.103	98	7406	55.641	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.280%
62) 4-Bromofluorobenzene	12.401	95	1543	35.842	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	71.680%

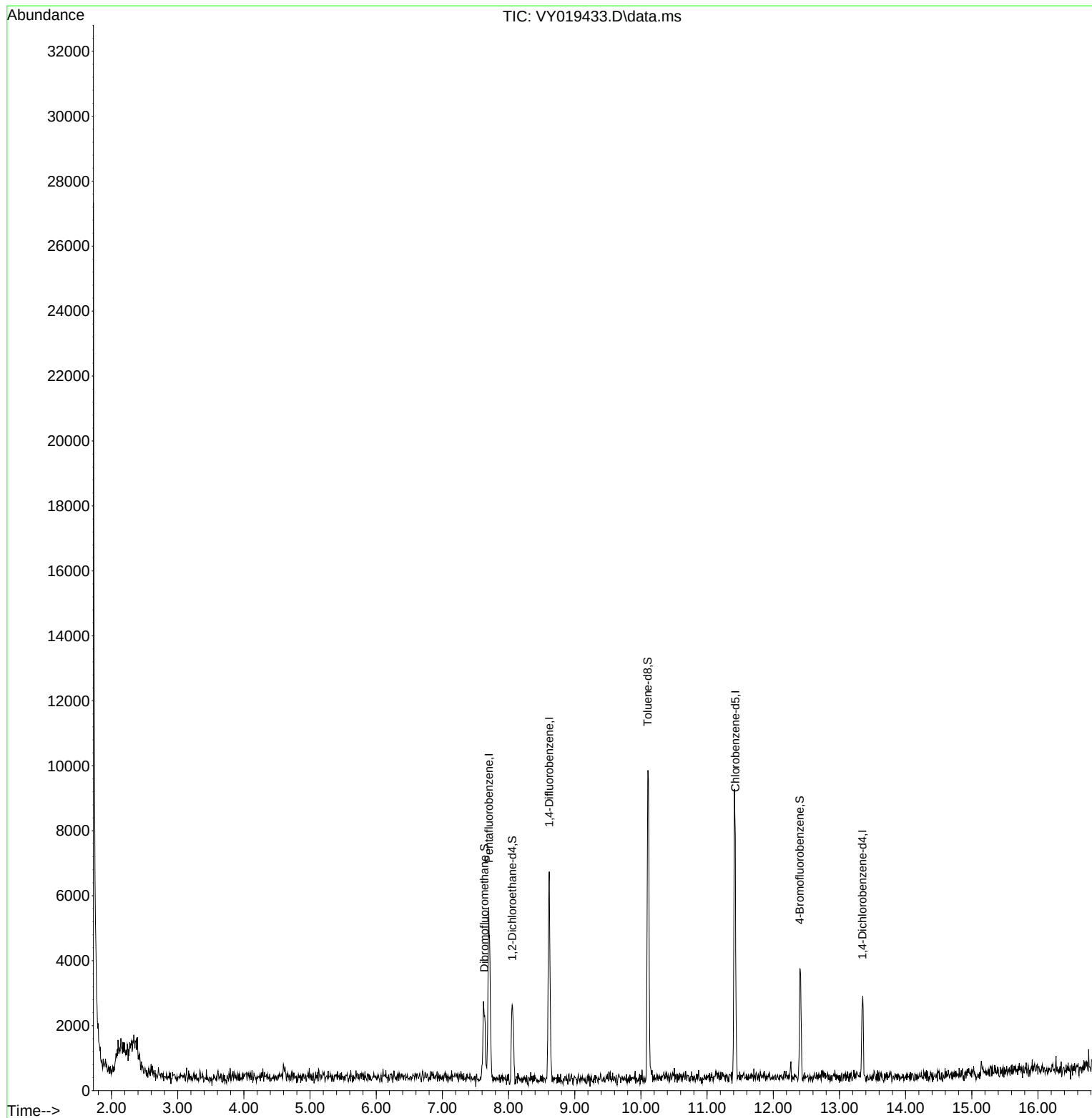
Target Compounds	Qvalue

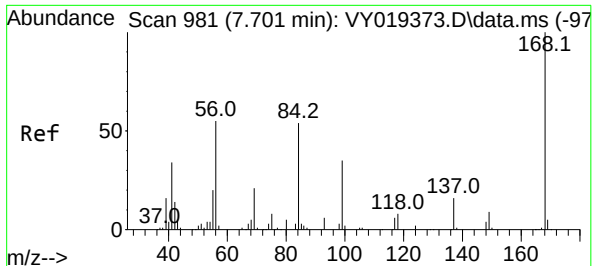
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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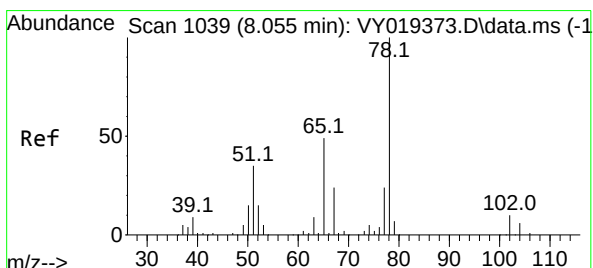
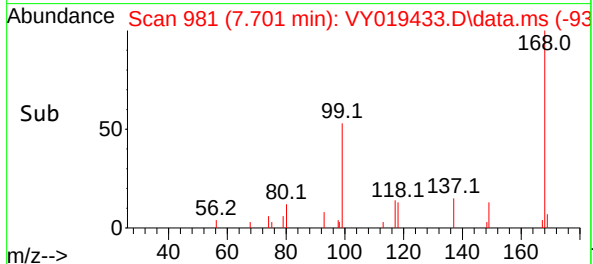
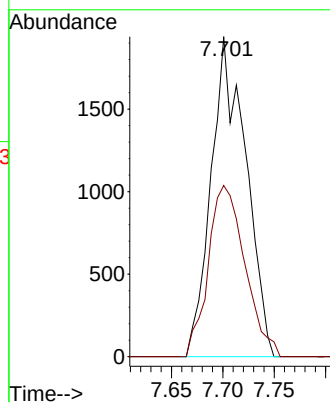
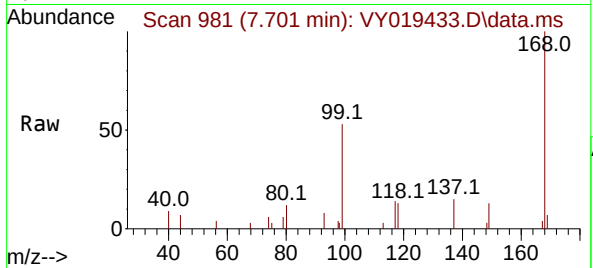




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY019433.D
Acq: 03 Sep 2024 16:47

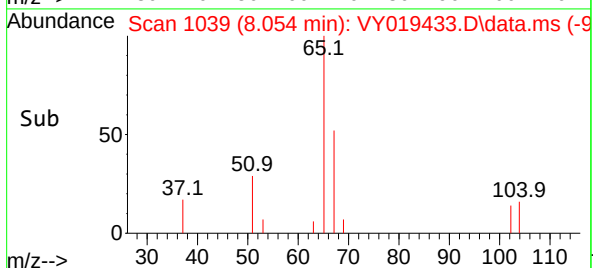
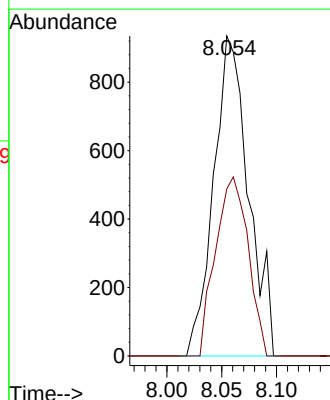
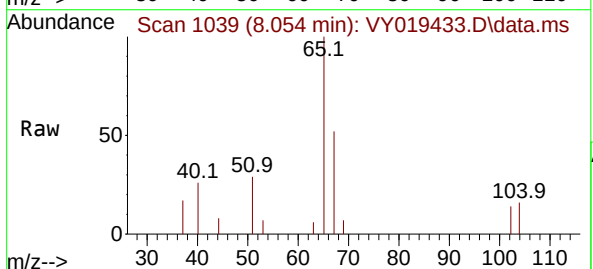
Instrument :
MSVOA_Y
ClientSampleId :
RT-857

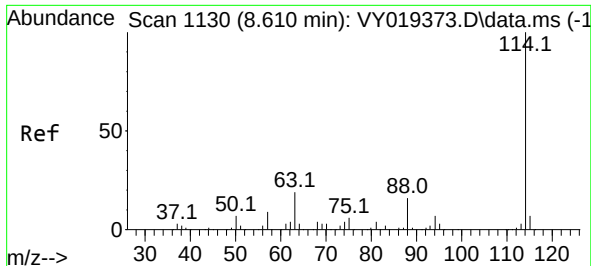
Tgt Ion:168 Resp: 4558
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.785 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019433.D
Acq: 03 Sep 2024 16:47

Tgt Ion: 65 Resp: 2063
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019433.D

Acq: 03 Sep 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

RT-857

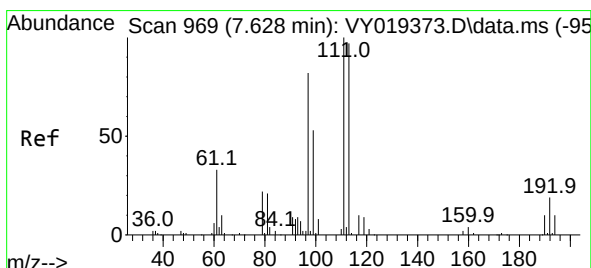
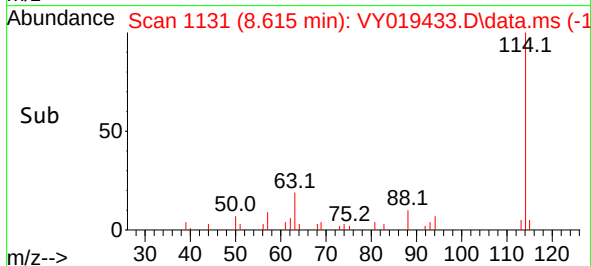
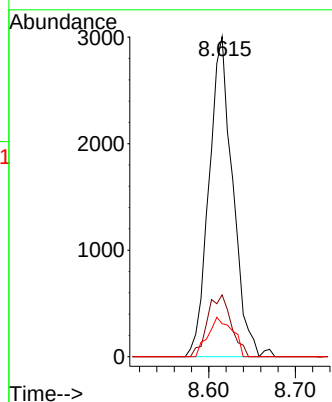
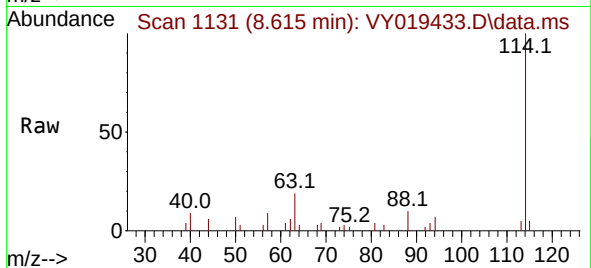
Tgt Ion:114 Resp: 5719

Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 10.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 57.775 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY019433.D

Acq: 03 Sep 2024 16:47

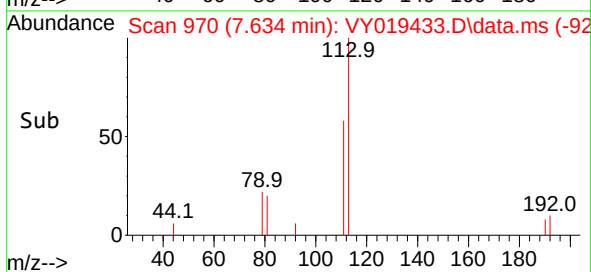
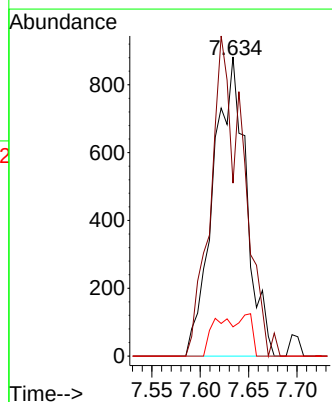
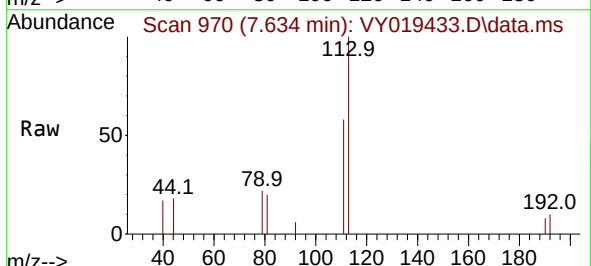
Tgt Ion:113 Resp: 2089

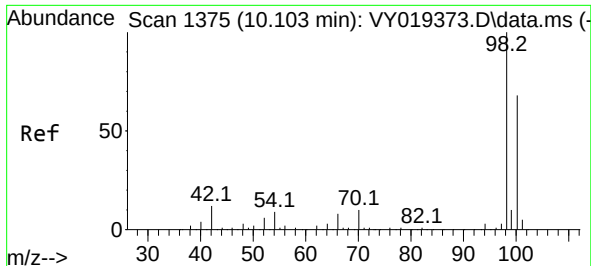
Ion Ratio Lower Upper

113 100

111 0.0 82.2 123.4#

192 6.0 15.9 23.9#

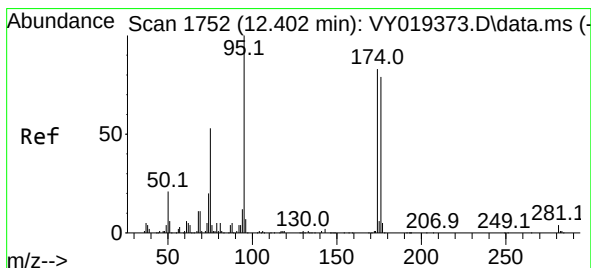
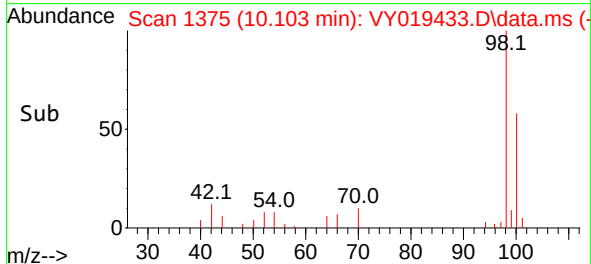
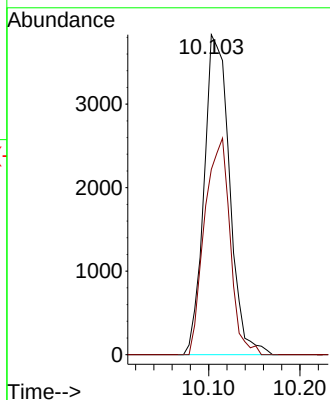
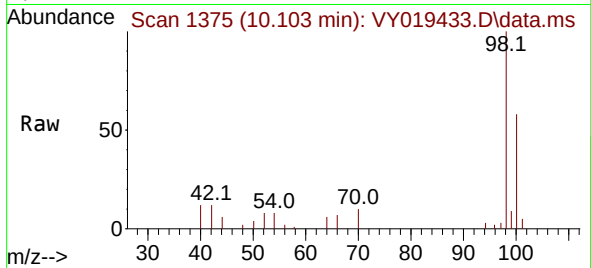




#50
Toluene-d8
Concen: 55.641 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019433.D
Acq: 03 Sep 2024 16:47

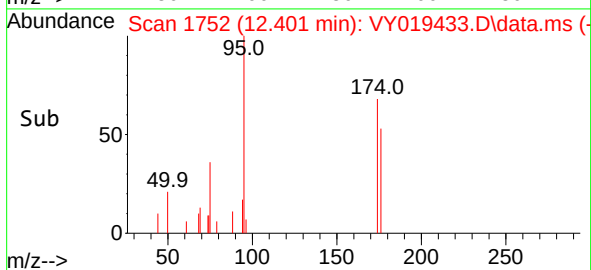
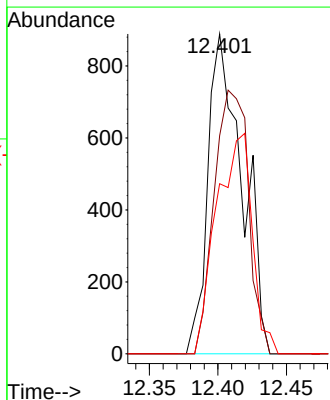
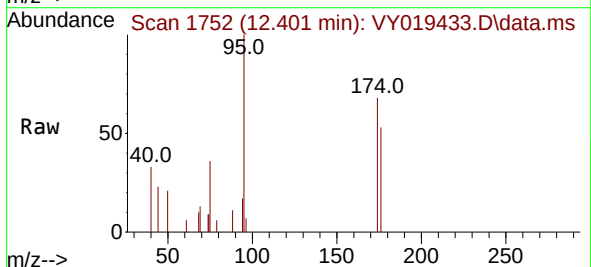
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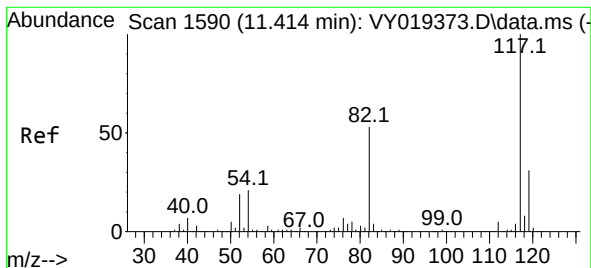
Tgt Ion: 98 Resp: 7406
Ion Ratio Lower Upper
98 100
100 67.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.842 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY019433.D
Acq: 03 Sep 2024 16:47

Tgt Ion: 95 Resp: 1543
Ion Ratio Lower Upper
95 100
174 82.6 0.0 175.6
176 71.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY019433.D

Acq: 03 Sep 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

RT-857

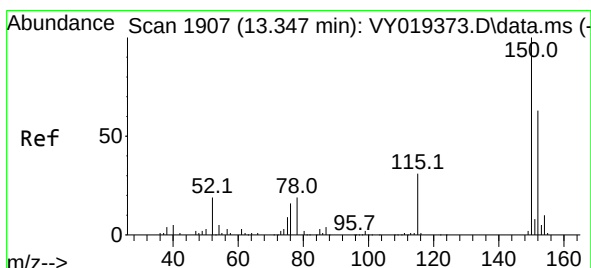
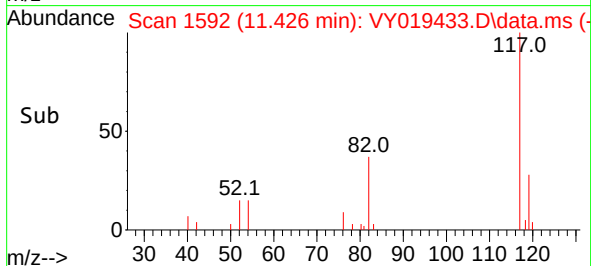
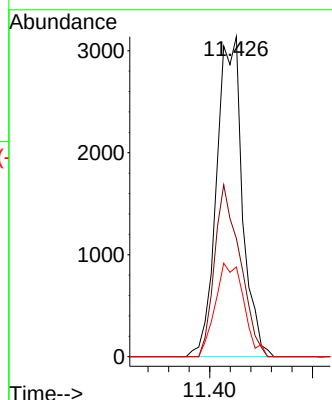
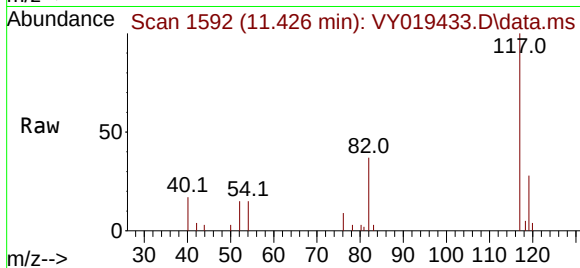
Tgt Ion:117 Resp: 5463

Ion Ratio Lower Upper

117 100

82 36.9 42.4 63.6#

119 28.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY019433.D

Acq: 03 Sep 2024 16:47

Tgt Ion:152 Resp: 803

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 183.2 0.0 345.6

