

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019599.D
 Acq On : 18 Sep 2024 12:37
 Operator : SY/MD
 Sample : P4015-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-3-TANK17

Quant Time: Sep 19 01:24:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	332661	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	623097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	540485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	185702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	194367	63.099	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.200%
35) Dibromofluoromethane	7.634	113	198206	56.104	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.200%
50) Toluene-d8	10.109	98	736211	56.341	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.680%
62) 4-Bromofluorobenzene	12.408	95	225814	44.943	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.880%

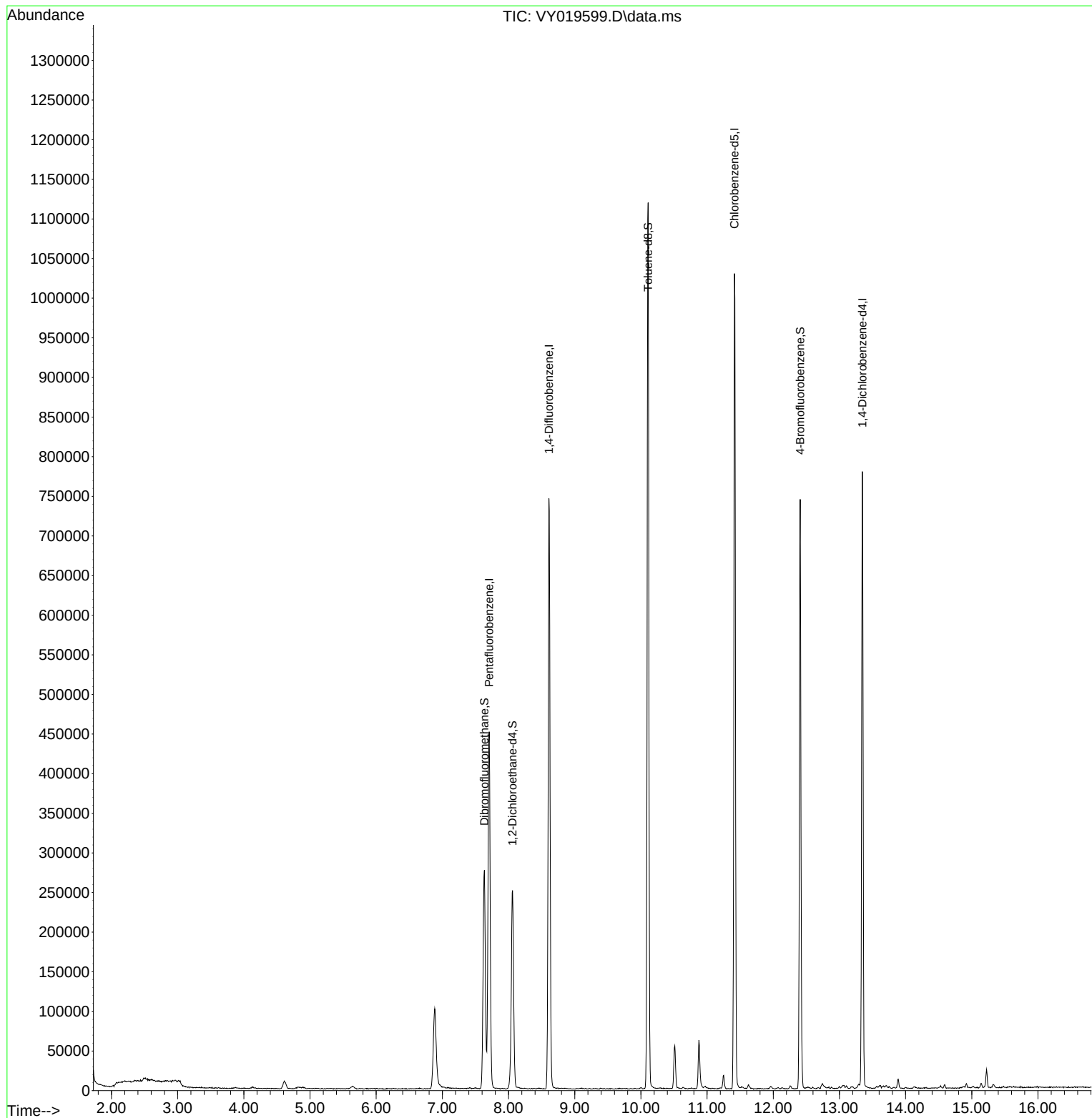
Target Compounds	Qvalue

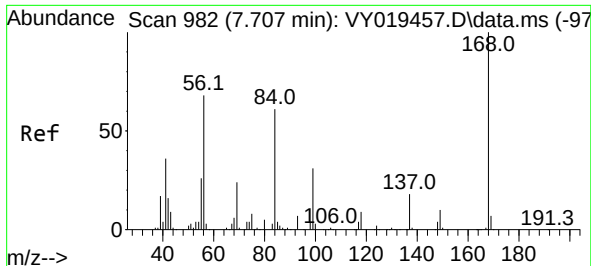
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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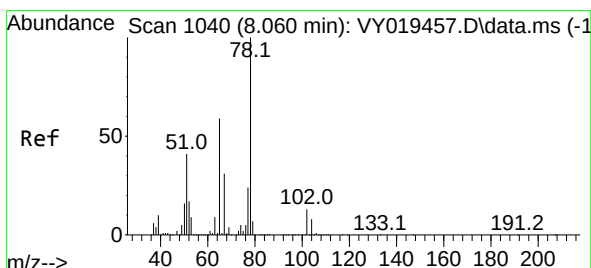
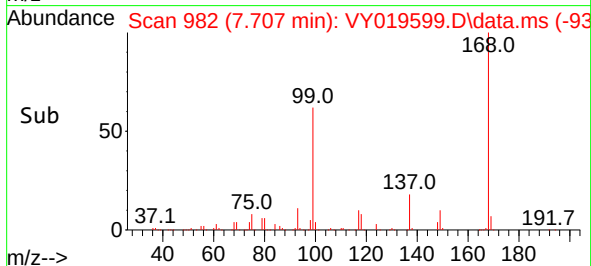
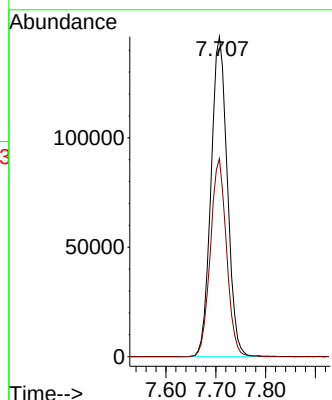
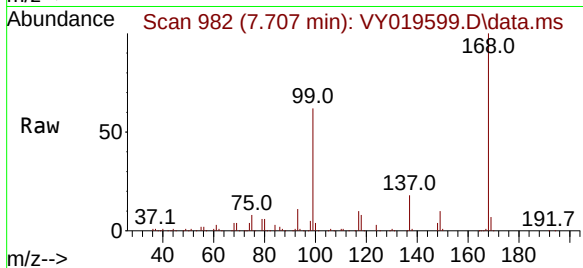




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019599.D
Acq: 18 Sep 2024 12:37

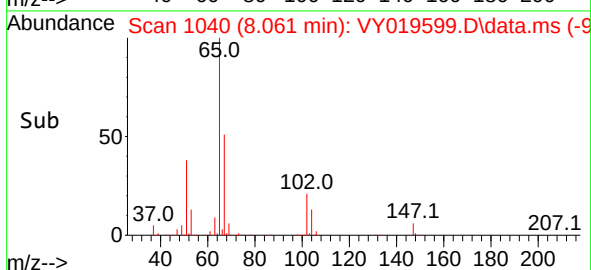
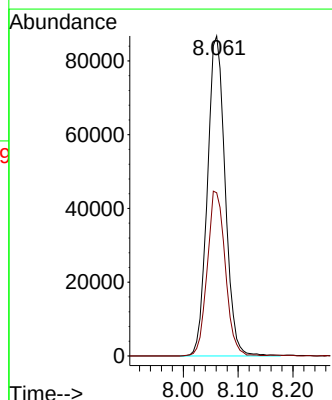
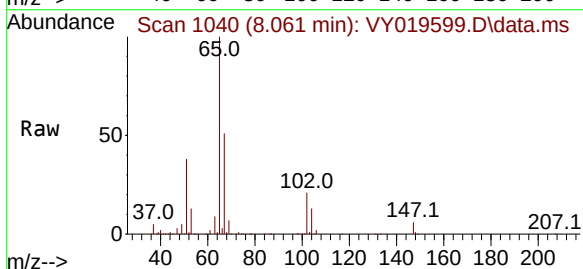
Instrument :
MSVOA_Y
ClientSampleId :
SW-3-TANK17

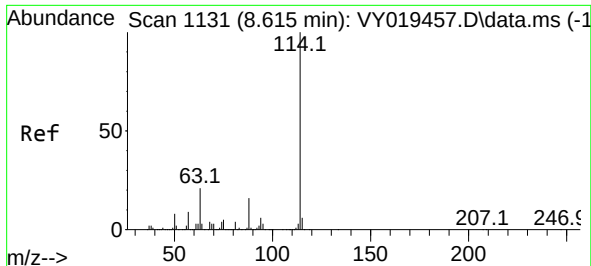
Tgt Ion:168 Resp: 332661
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 63.099 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019599.D
Acq: 18 Sep 2024 12:37

Tgt Ion: 65 Resp: 194367
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

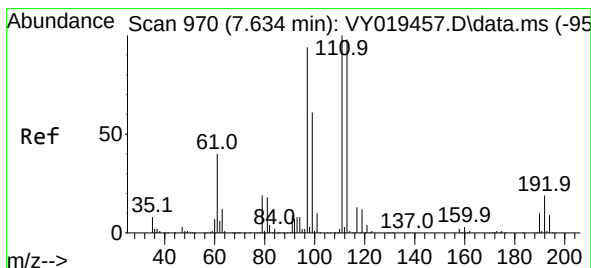
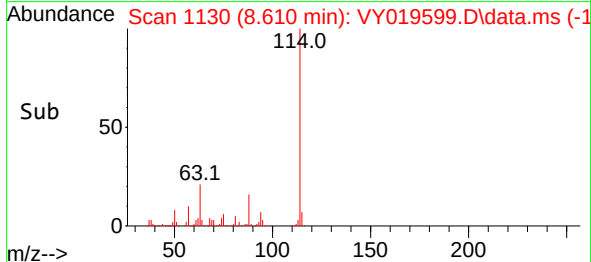
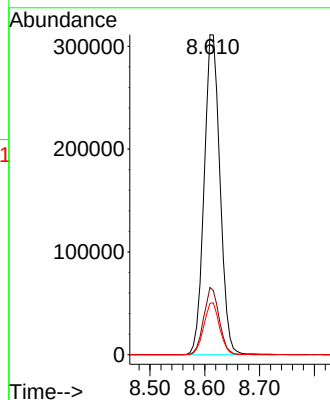
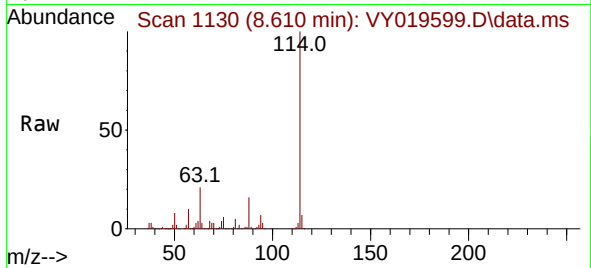




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019599.D
Acq: 18 Sep 2024 12:37

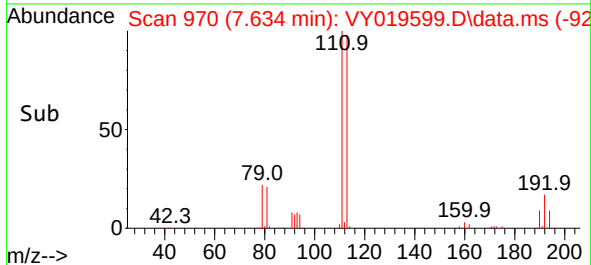
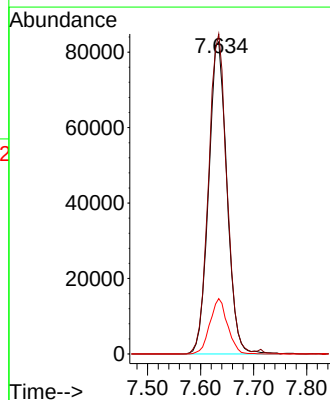
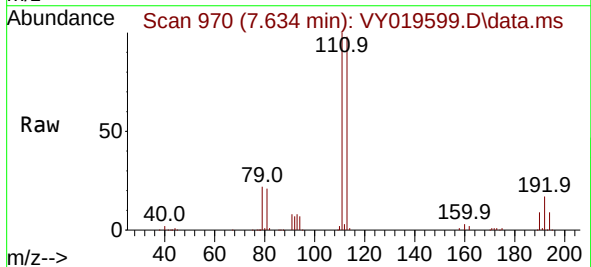
Instrument :
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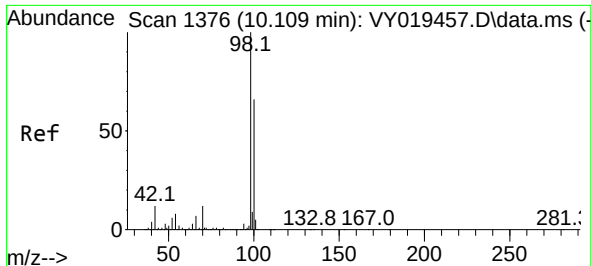
Tgt Ion:114 Resp: 623097
Ion Ratio Lower Upper
114 100
63 21.0 0.0 35.0
88 16.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.104 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019599.D
Acq: 18 Sep 2024 12:37

Tgt Ion:113 Resp: 198206
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 17.1 15.9 23.9

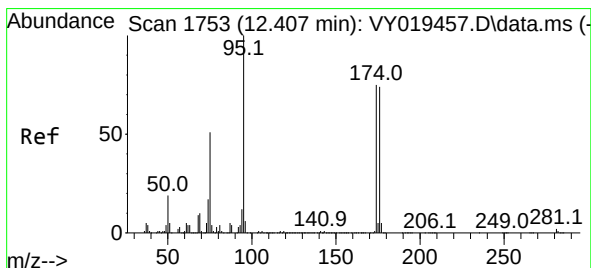
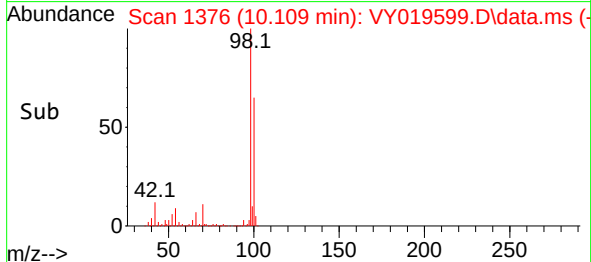
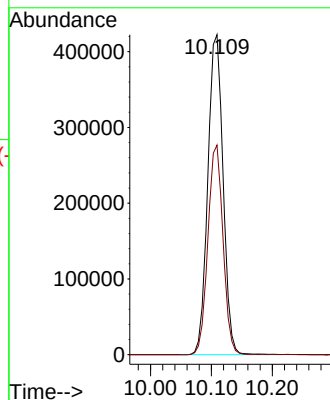
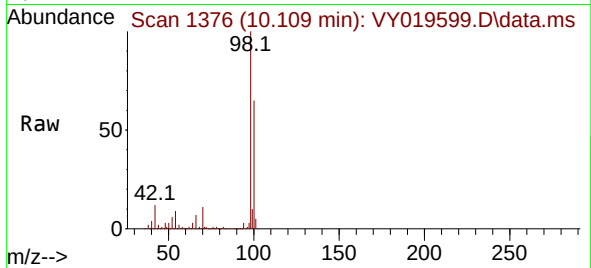




#50
Toluene-d8
Concen: 56.341 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019599.D
Acq: 18 Sep 2024 12:37

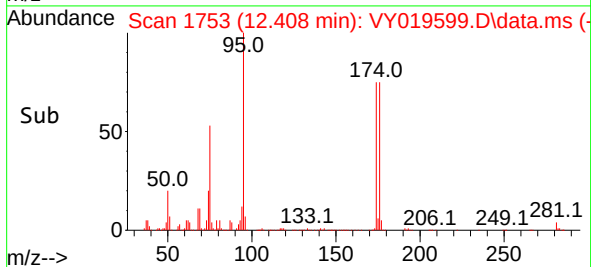
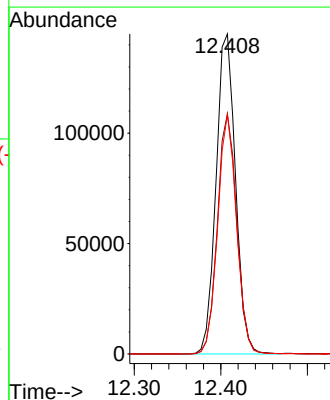
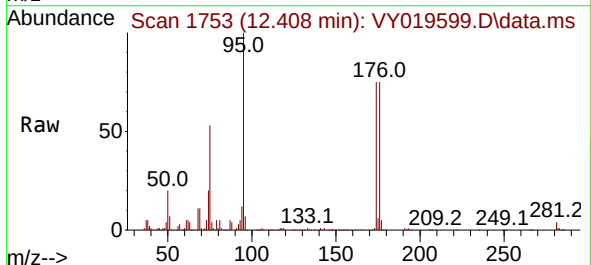
Instrument :
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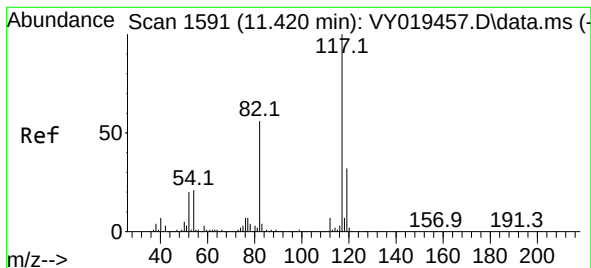
Tgt Ion: 98 Resp: 736211
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.943 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019599.D
Acq: 18 Sep 2024 12:37

Tgt Ion: 95 Resp: 225814
Ion Ratio Lower Upper
95 100
174 74.8 0.0 175.6
176 72.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019599.D

Acq: 18 Sep 2024 12:37

Instrument :

MSVOA_Y

ClientSampleId :

SW-3-TANK17

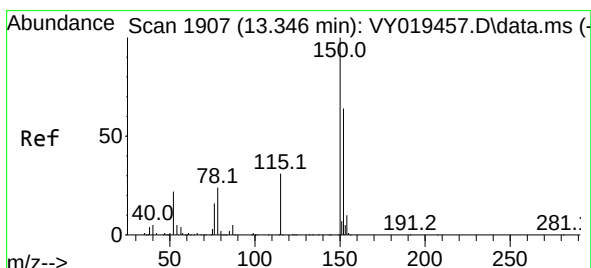
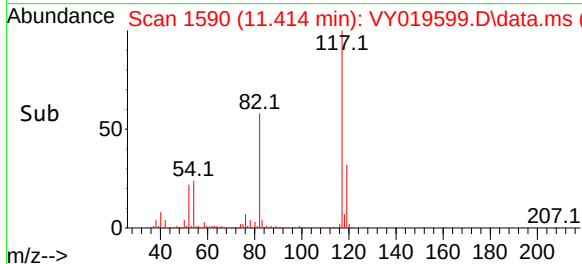
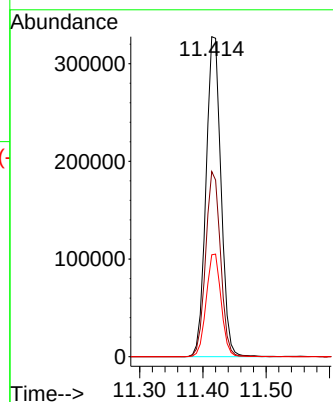
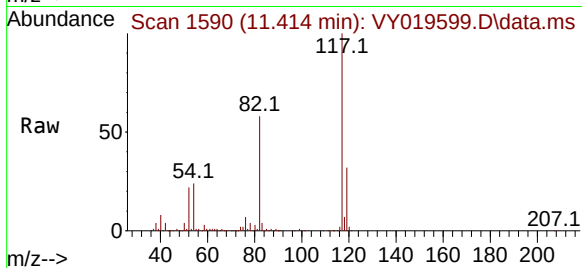
Tgt Ion:117 Resp: 540485

Ion Ratio Lower Upper

117 100

82 57.9 42.4 63.6

119 31.9 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: VY019599.D

Acq: 18 Sep 2024 12:37

Tgt Ion:152 Resp: 185702

Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 157.4 0.0 345.6

