

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019982.D
 Acq On : 22 Oct 2024 16:21
 Operator : SY/MD
 Sample : P4474-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TS-2

Quant Time: Oct 23 01:31:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	66069	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	117722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	84884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	24152	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	35773	43.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.940%
35) Dibromofluoromethane	7.634	113	35512	45.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.420%
50) Toluene-d8	10.103	98	132125	46.057	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.120%
62) 4-Bromofluorobenzene	12.402	95	31319	30.214	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	60.420%

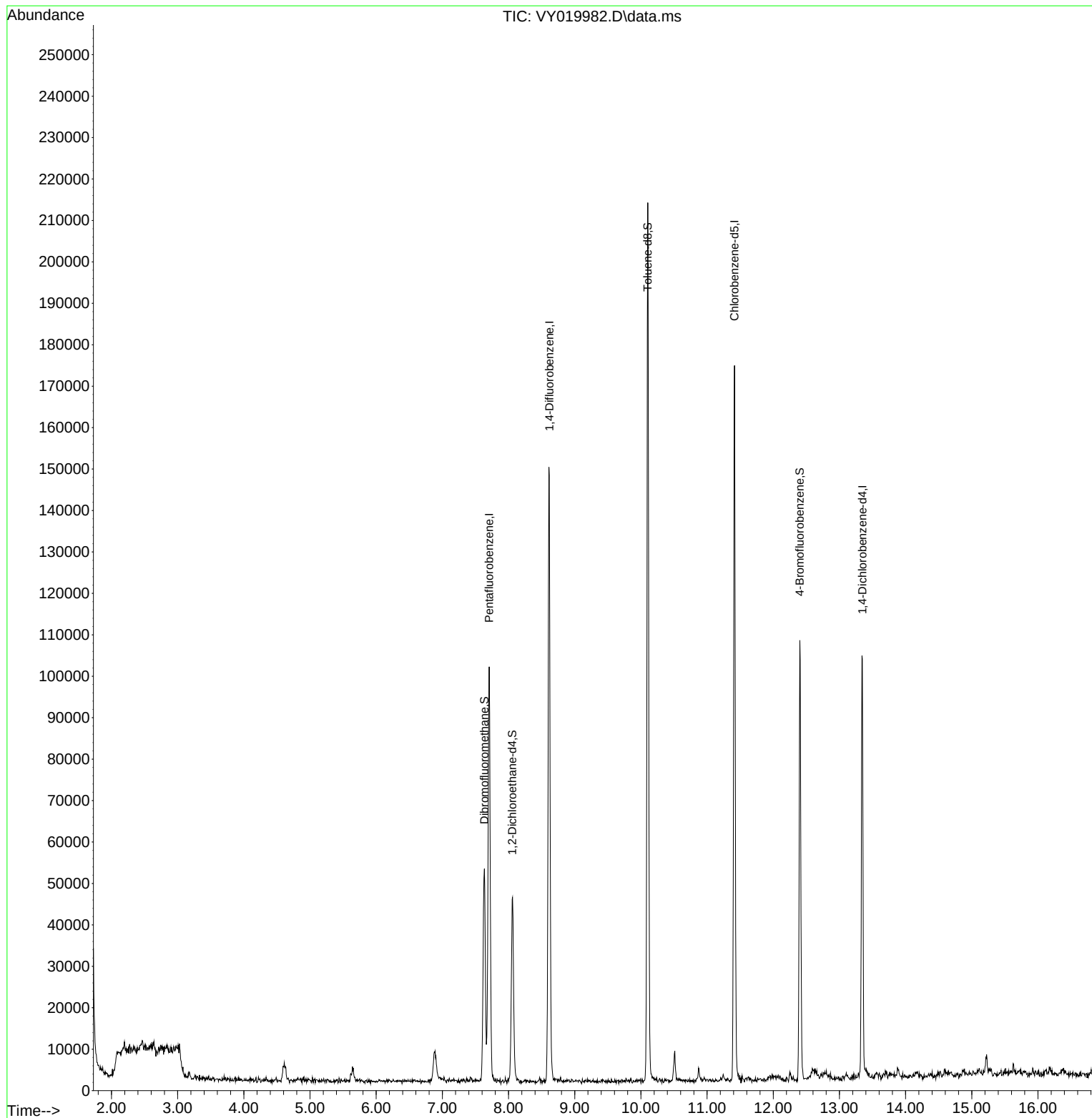
Target Compounds	Qvalue

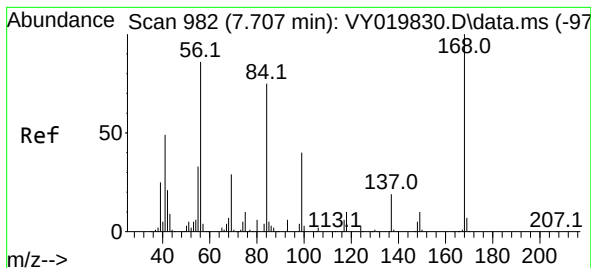
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY019982.D

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Instrument :

MSVOA_Y

ClientSampleId :

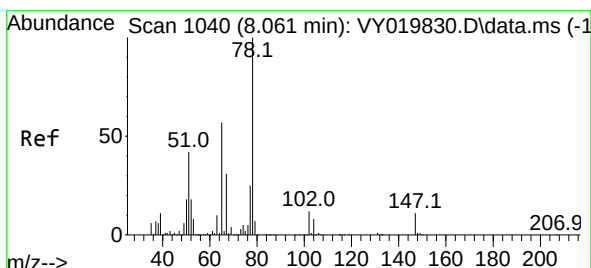
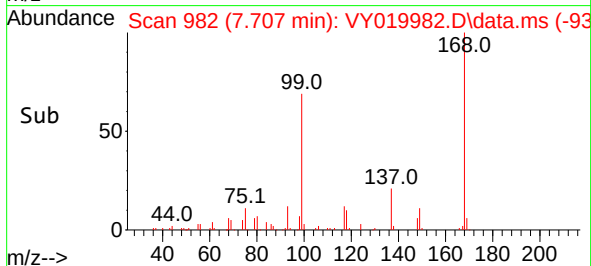
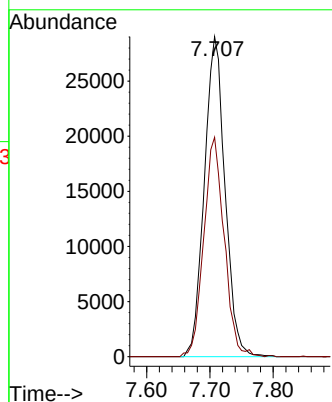
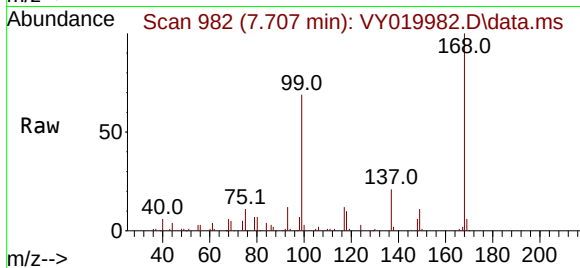
TS-2

Tgt Ion:168 Resp: 66069

Ion Ratio Lower Upper

168 100

99 68.5 39.1 58.7#



#33

1,2-Dichloroethane-d4

Concen: 43.974 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY019982.D

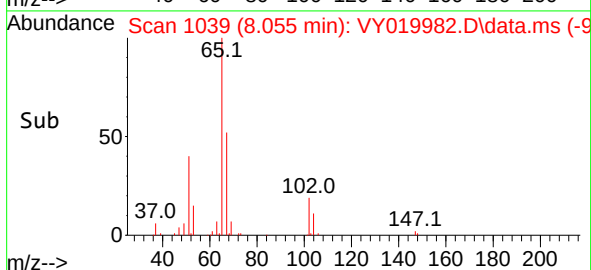
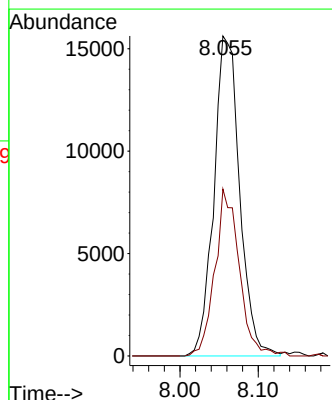
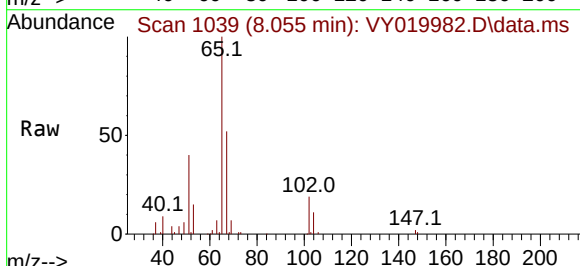
Acq: 22 Oct 2024 16:21

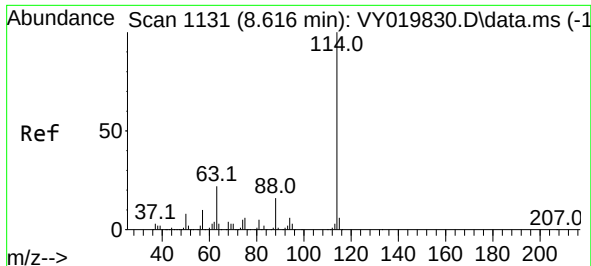
Tgt Ion: 65 Resp: 35773

Ion Ratio Lower Upper

65 100

67 49.2 0.0 109.6

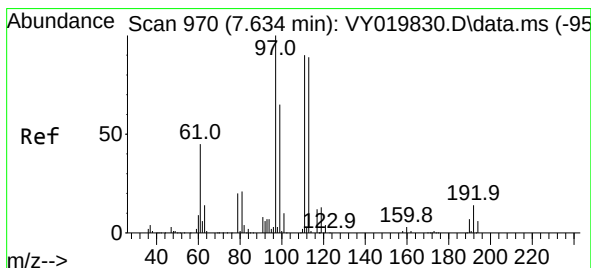
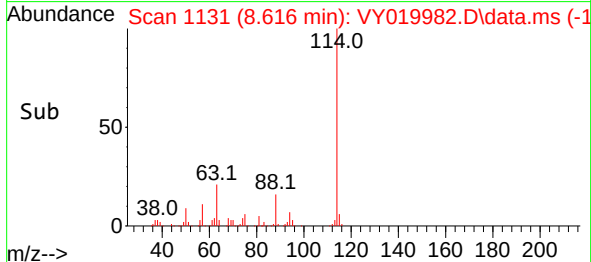
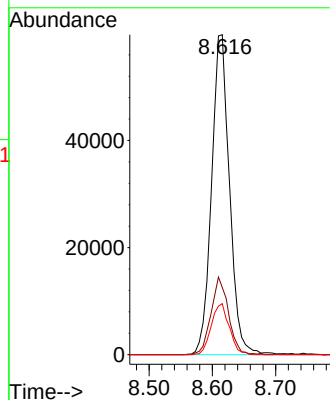
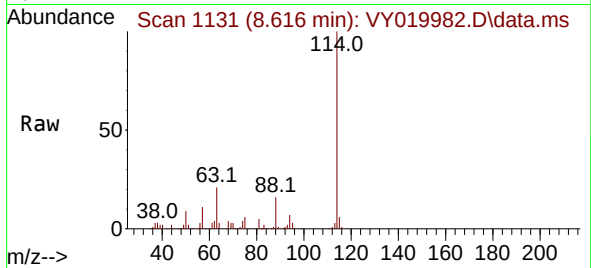




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

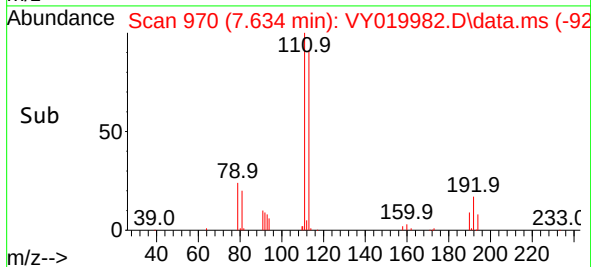
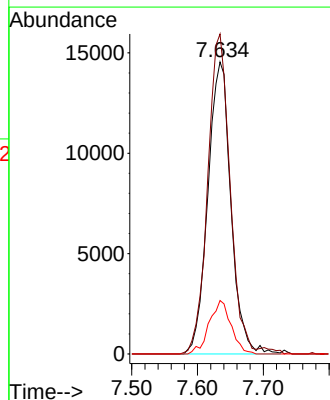
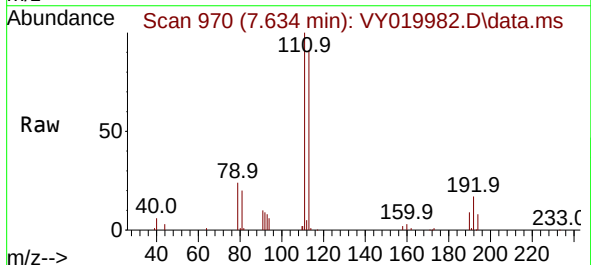
Instrument :
MSVOA_Y
ClientSampleId :
TS-2

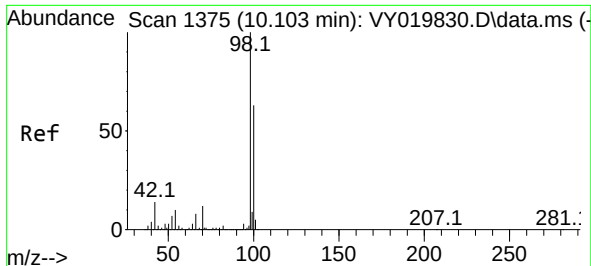
Tgt Ion:114 Resp: 117722
Ion Ratio Lower Upper
114 100
63 21.0 0.0 35.0
88 15.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 45.714 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

Tgt Ion:113 Resp: 35512
Ion Ratio Lower Upper
113 100
111 105.6 82.2 123.4
192 17.4 15.9 23.9

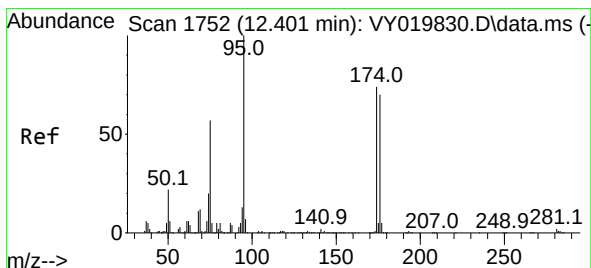
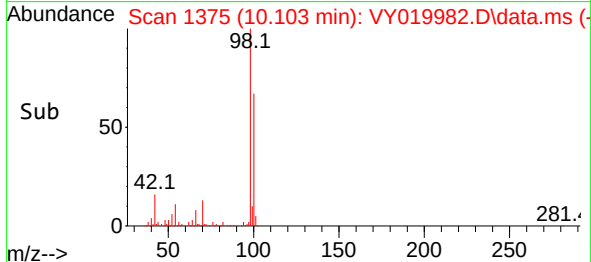
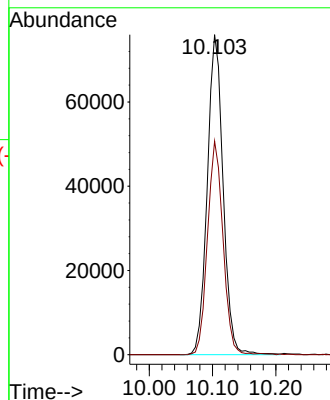
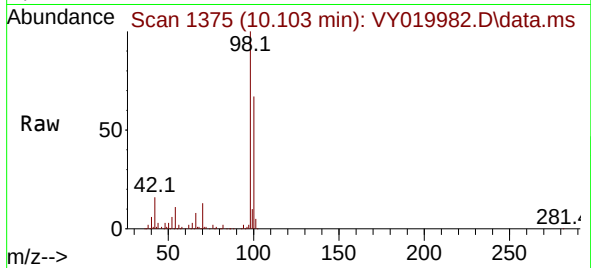




#50
Toluene-d8
Concen: 46.057 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

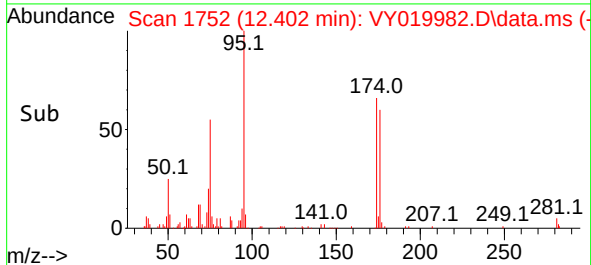
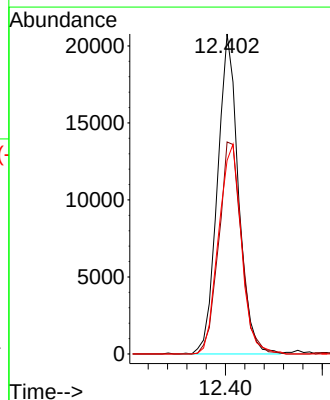
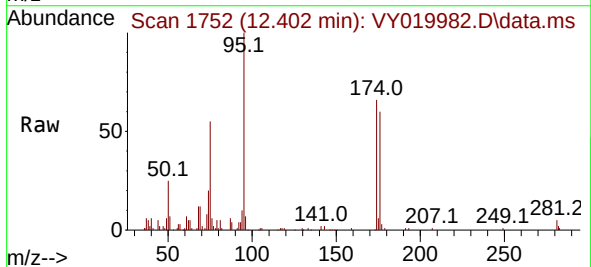
Instrument :
MSVOA_Y
ClientSampleId :
TS-2

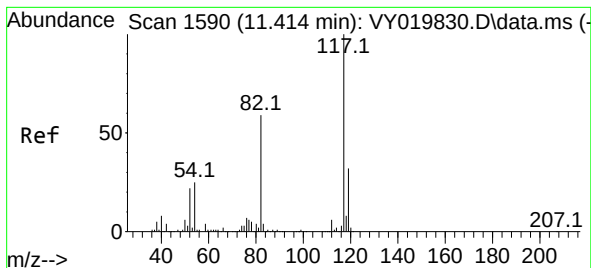
Tgt Ion: 98 Resp: 132125
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 30.214 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019982.D
Acq: 22 Oct 2024 16:21

Tgt Ion: 95 Resp: 31319
Ion Ratio Lower Upper
95 100
174 71.7 0.0 175.6
176 71.2 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: VY019982.D

Acq: 22 Oct 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

TS-2

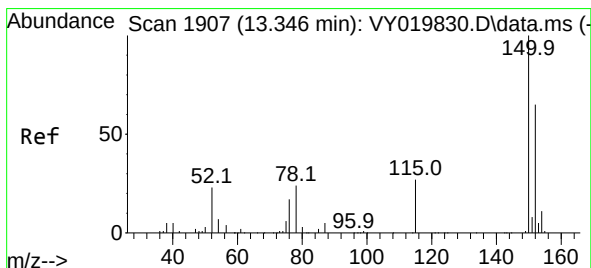
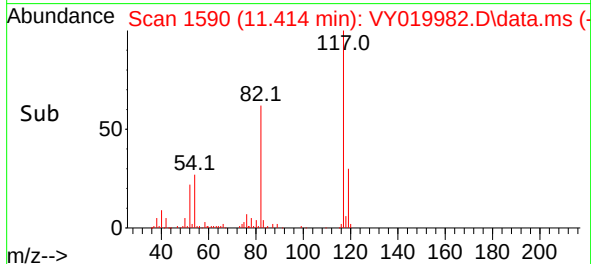
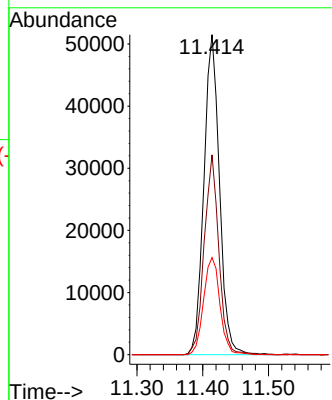
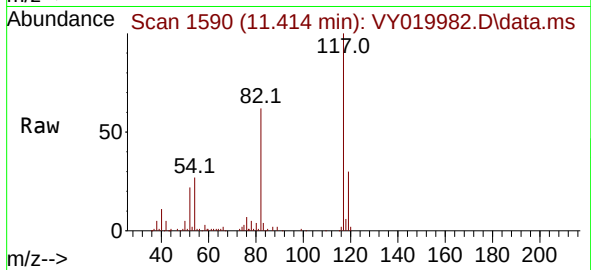
Tgt Ion:117 Resp: 84884

Ion Ratio Lower Upper

117 100

82 62.4 42.4 63.6

119 30.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019982.D

Acq: 22 Oct 2024 16:21

Tgt Ion:152 Resp: 24152

Ion Ratio Lower Upper

152 100

115 61.1 28.2 84.7

150 155.2 0.0 345.6

