

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019929.D
 Acq On : 17 Oct 2024 14:04
 Operator : SY/MD
 Sample : P4425-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Oct 18 01:41:19 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	7.713	168	232669	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	489598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	440976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	159530	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	170062	59.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.720%
35) Dibromofluoromethane	7.640	113	162027	50.151	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.300%
50) Toluene-d8	10.109	98	603107	50.550	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.100%
62) 4-Bromofluorobenzene	12.402	95	184887	42.887	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.780%

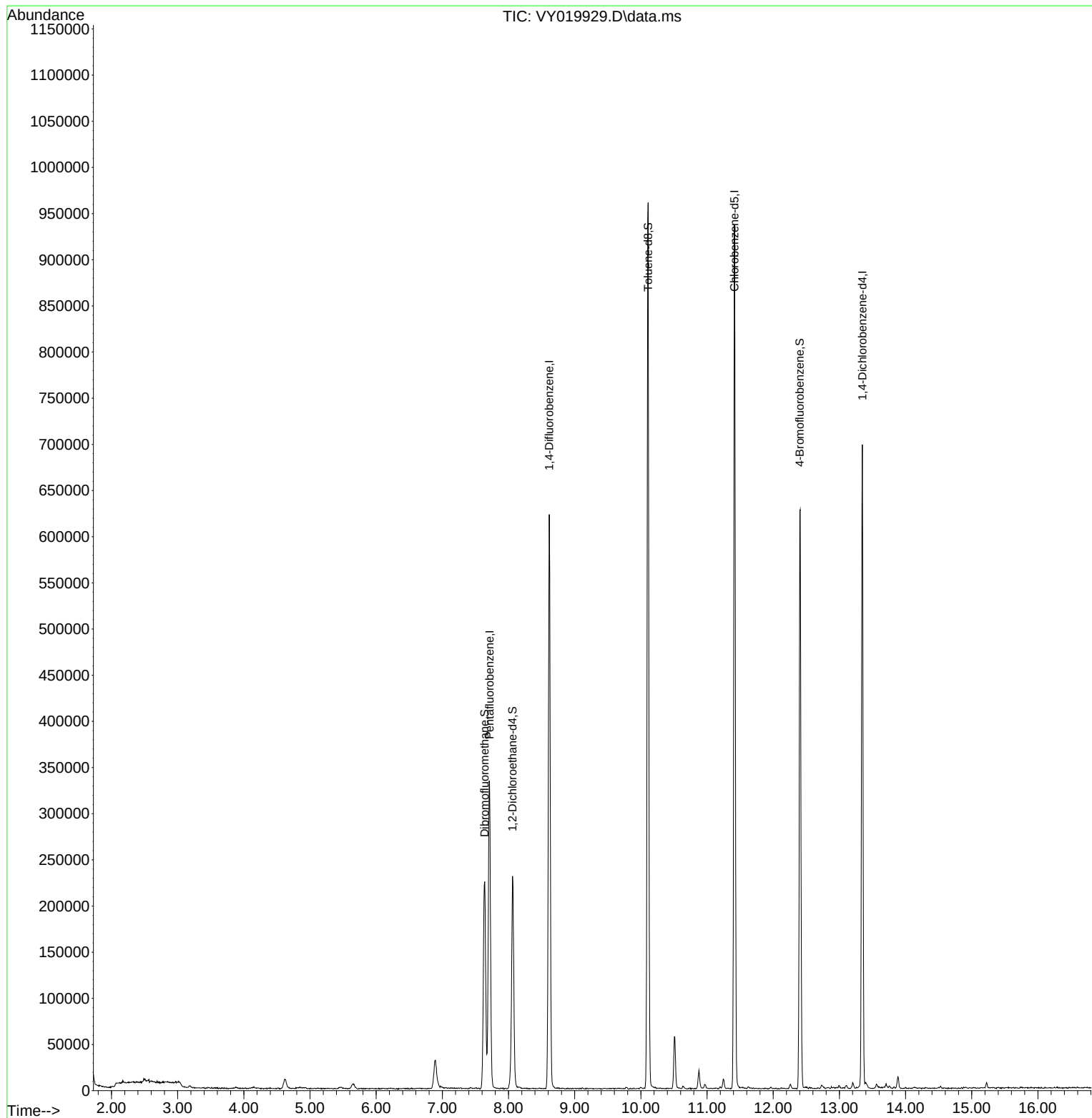
Target Compounds	Qvalue

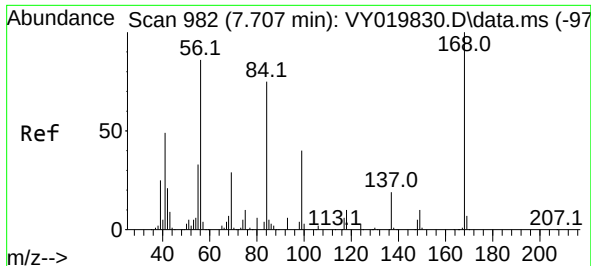
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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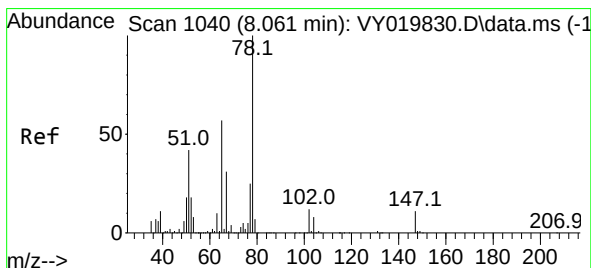
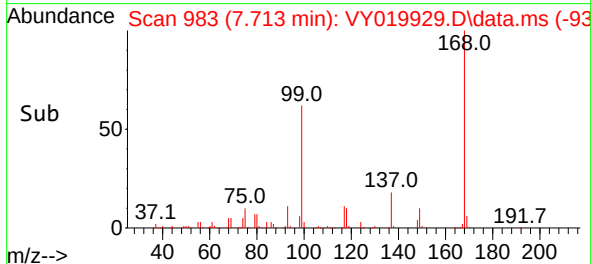
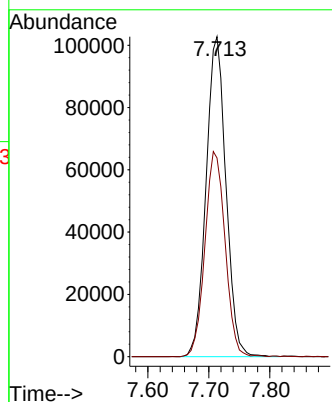
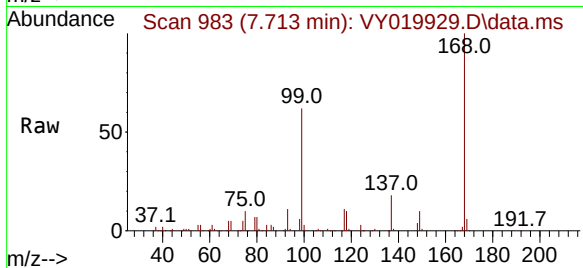




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

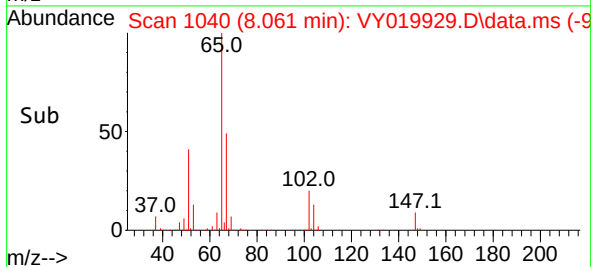
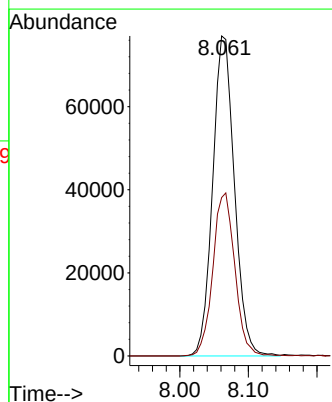
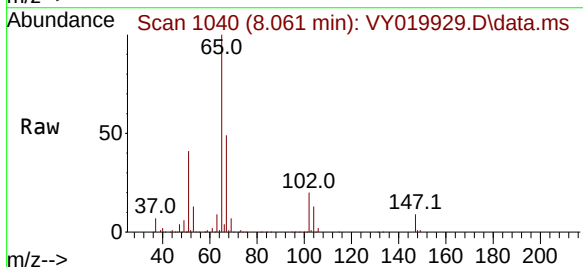
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

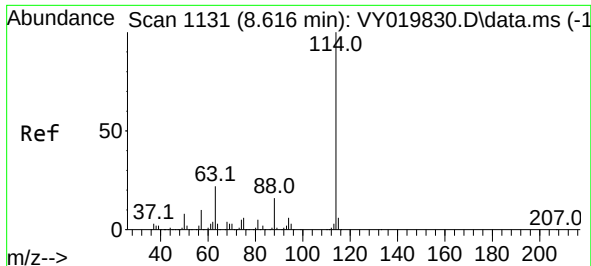
Tgt Ion:168 Resp: 232669
Ion Ratio Lower Upper
168 100
99 62.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 59.362 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

Tgt Ion: 65 Resp: 170062
Ion Ratio Lower Upper
65 100
67 51.5 0.0 109.6

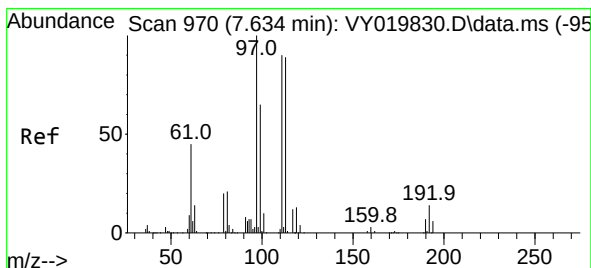
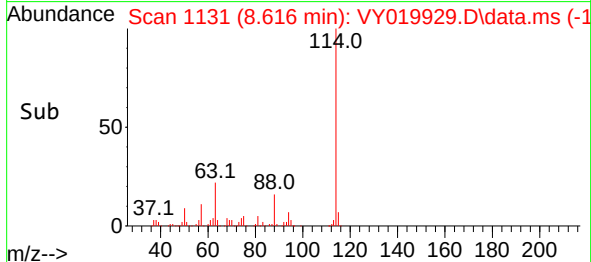
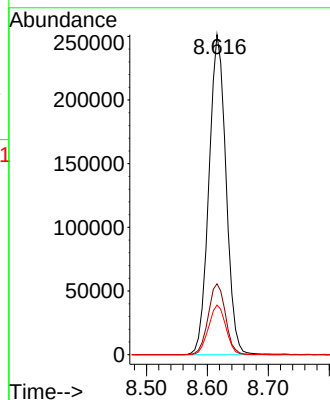
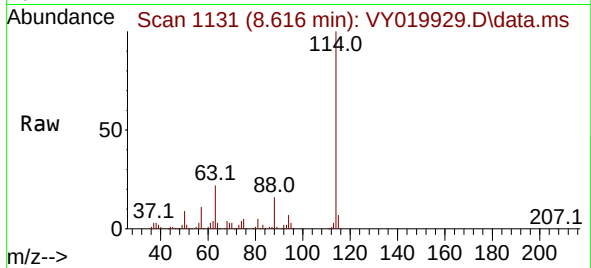




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.001 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

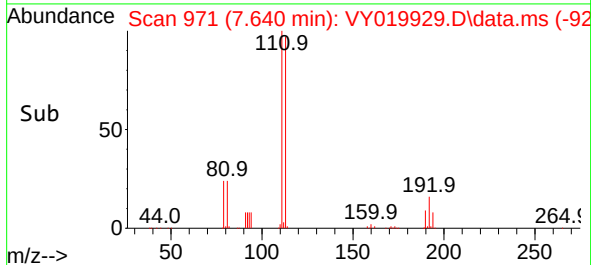
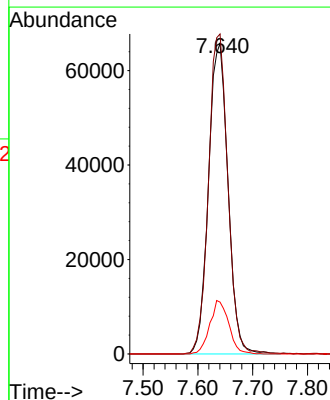
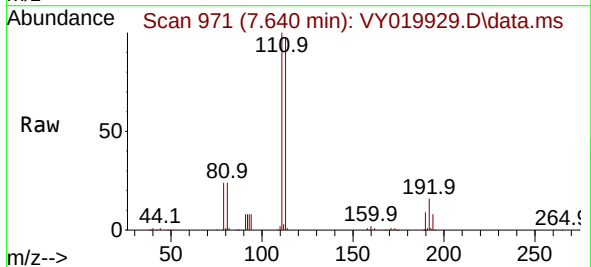
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

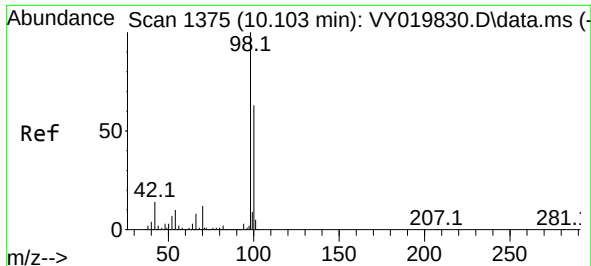
Tgt Ion:114 Resp: 489598
Ion Ratio Lower Upper
114 100
63 22.2 0.0 35.0
88 15.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.151 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.007 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

Tgt Ion:113 Resp: 162027
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 16.7 15.9 23.9

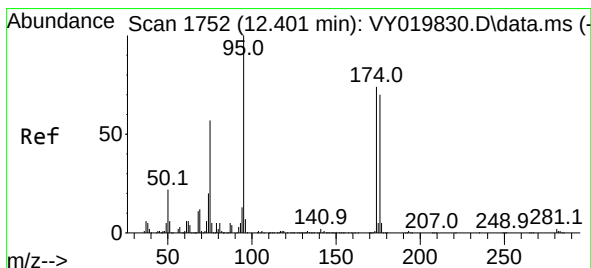
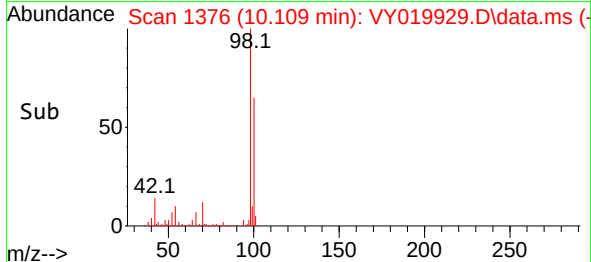
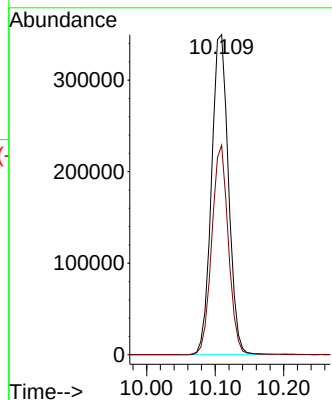
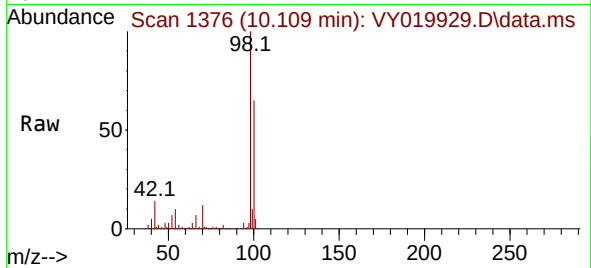




#50
Toluene-d8
Concen: 50.550 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

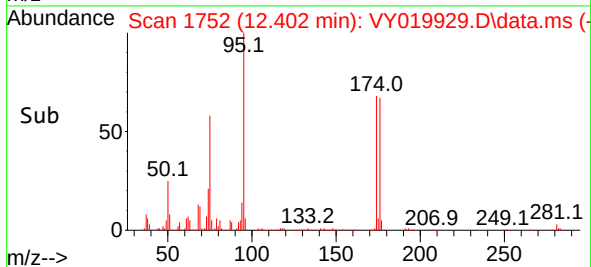
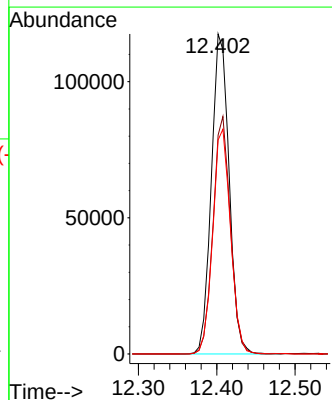
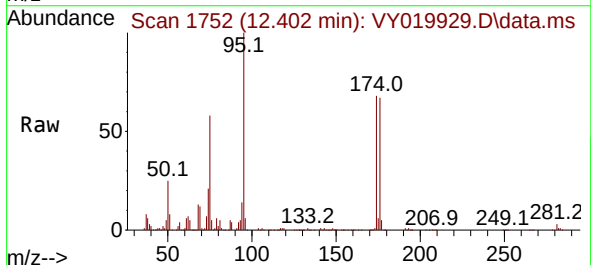
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

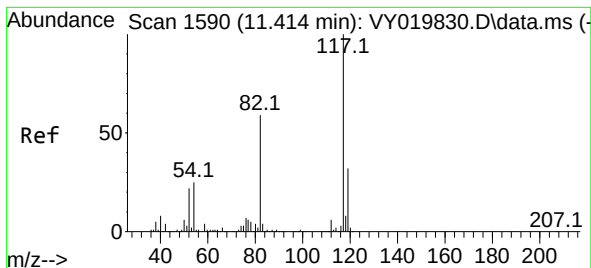
Tgt Ion: 98 Resp: 603107
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.887 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019929.D
Acq: 17 Oct 2024 14:04

Tgt Ion: 95 Resp: 184887
Ion Ratio Lower Upper
95 100
174 72.6 0.0 175.6
176 70.5 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: VY019929.D

Acq: 17 Oct 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

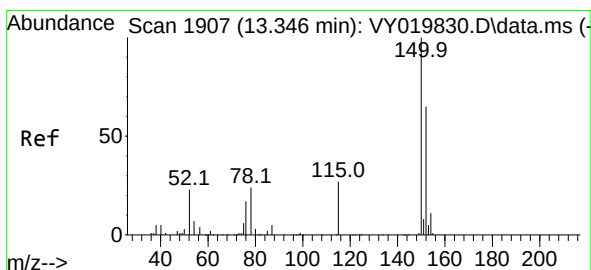
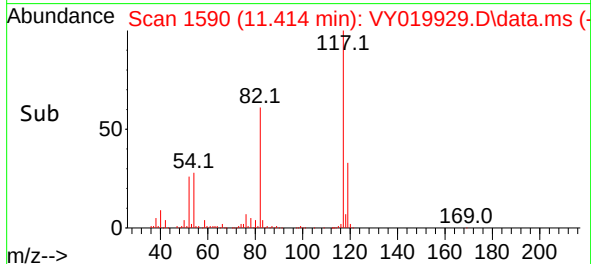
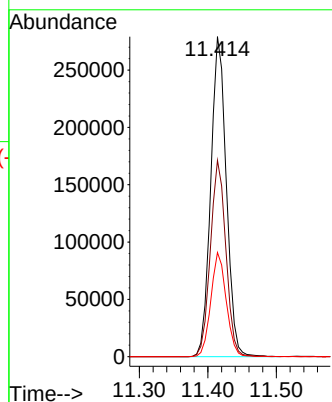
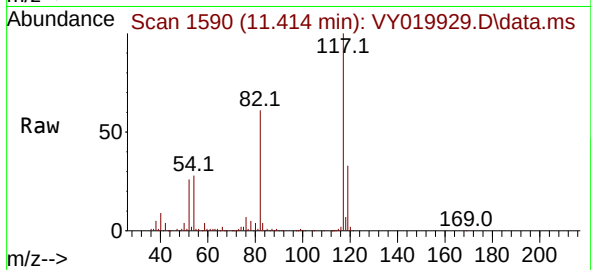
Tgt Ion:117 Resp: 440976

Ion Ratio Lower Upper

117 100

82 61.3 42.4 63.6

119 32.6 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: VY019929.D

Acq: 17 Oct 2024 14:04

Tgt Ion:152 Resp: 159530

Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 155.6 0.0 345.6

