

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019432.D
 Acq On : 03 Sep 2024 16:24
 Operator : SY/MD
 Sample : P3799-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TEST-PITS-3

Quant Time: Sep 04 01:36:10 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	1454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	2272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	923	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	837	60.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.560%	
35) Dibromofluoromethane	7.634	113	673	46.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.700%	
50) Toluene-d8	10.121	98	1383	26.155	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 52.300%#	
62) 4-Bromofluorobenzene	12.407	95	270	15.787	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 31.580%	

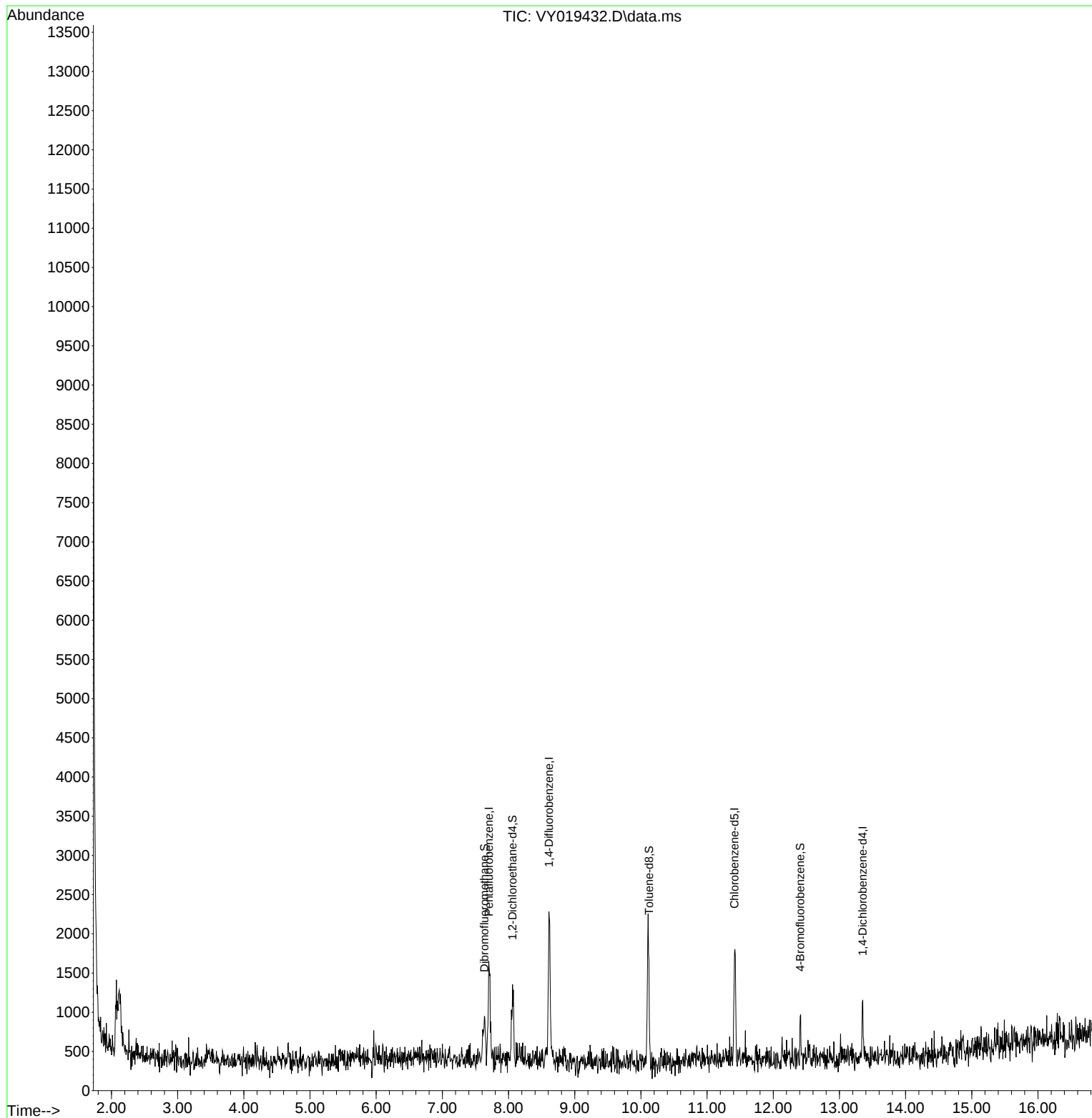
Target Compounds	Qvalue

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

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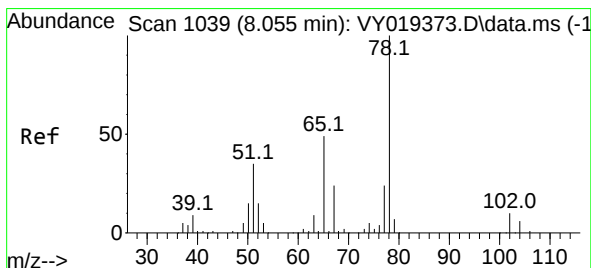
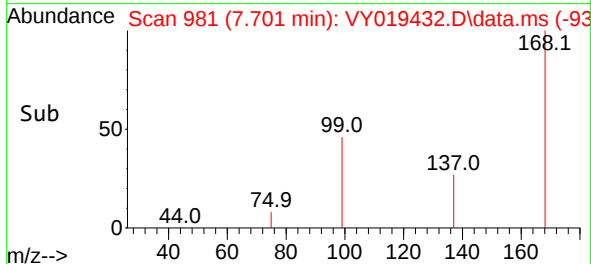
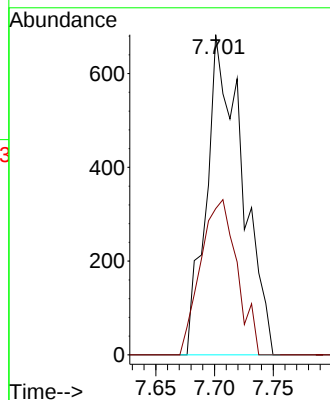
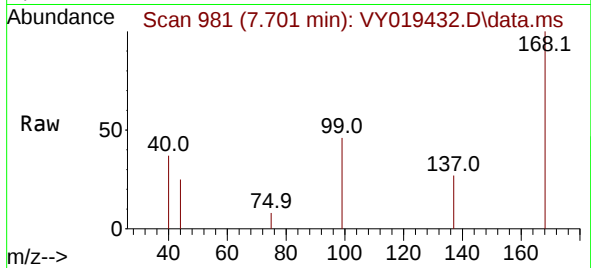




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019432.D
Acq: 03 Sep 2024 16:24

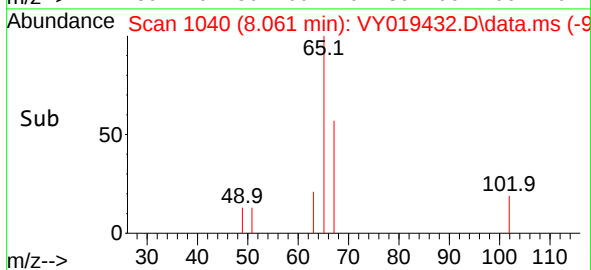
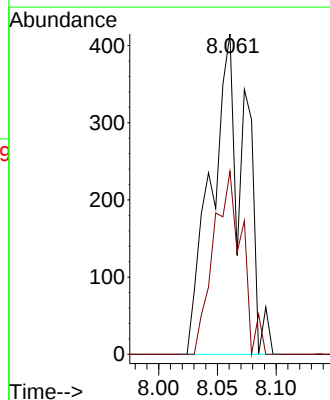
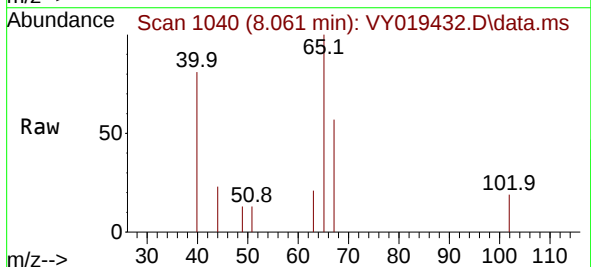
Instrument :
MSVOA_Y
ClientSampleId :
TEST-PITS-3

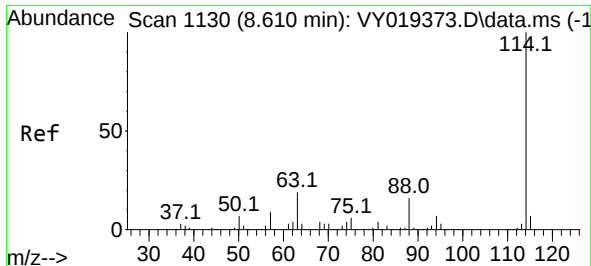
Tgt Ion:168 Resp: 1454
Ion Ratio Lower Upper
168 100
99 45.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 60.776 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019432.D
Acq: 03 Sep 2024 16:24

Tgt Ion: 65 Resp: 837
Ion Ratio Lower Upper
65 100
67 47.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019432.D

Acq: 03 Sep 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

TEST-PITS-3

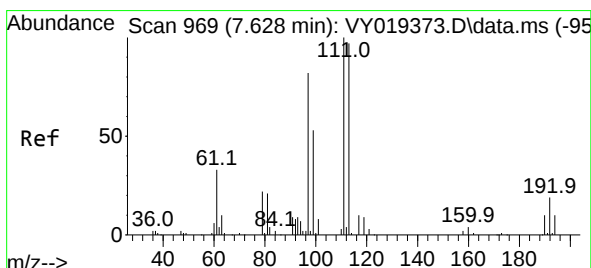
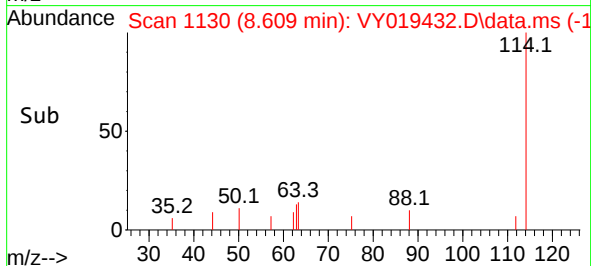
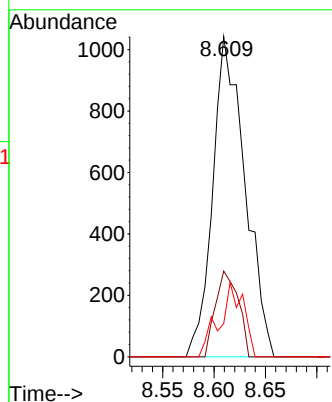
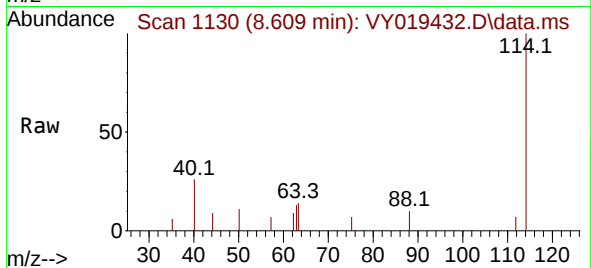
Tgt Ion:114 Resp: 2272

Ion Ratio Lower Upper

114 100

63 26.8 0.0 35.0

88 10.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.852 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY019432.D

Acq: 03 Sep 2024 16:24

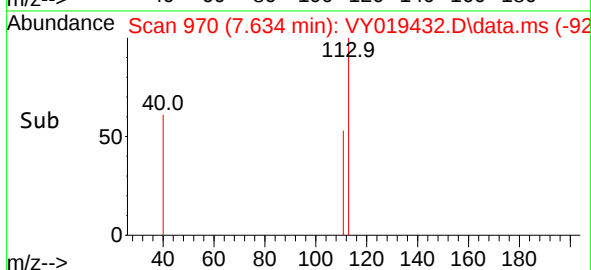
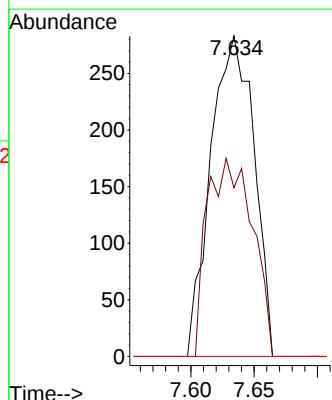
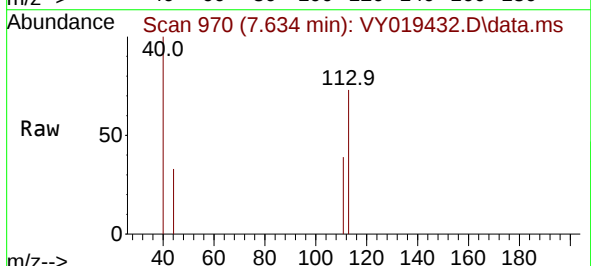
Tgt Ion:113 Resp: 673

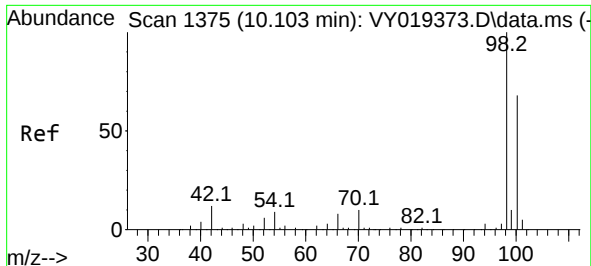
Ion Ratio Lower Upper

113 100

111 65.1 82.2 123.4#

192 0.0 15.9 23.9#

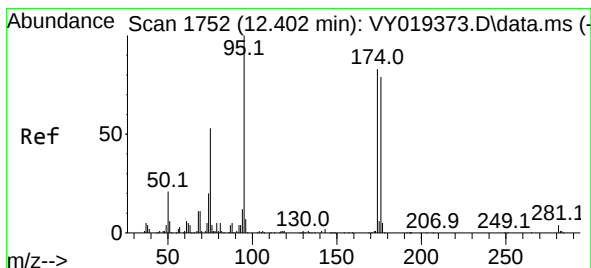
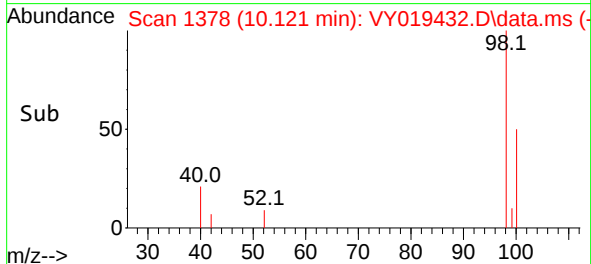
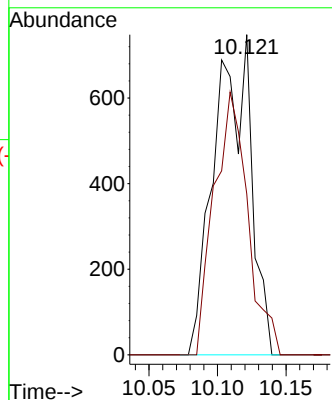
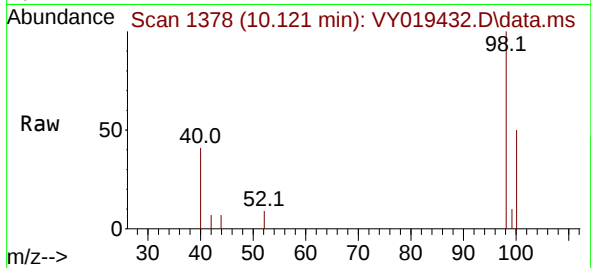




#50
Toluene-d8
Concen: 26.155 ug/l
RT: 10.121 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY019432.D
Acq: 03 Sep 2024 16:24

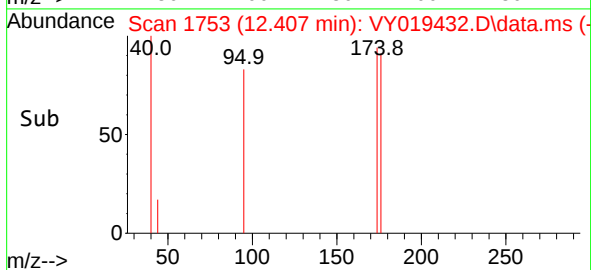
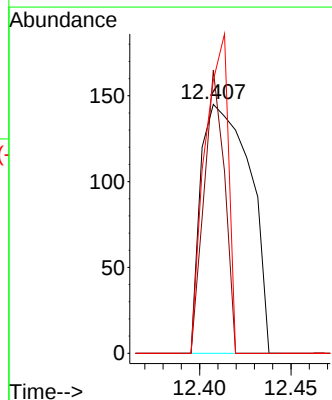
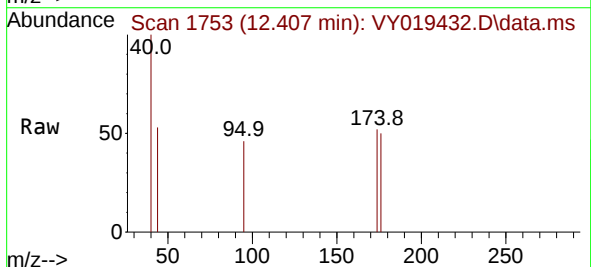
Instrument :
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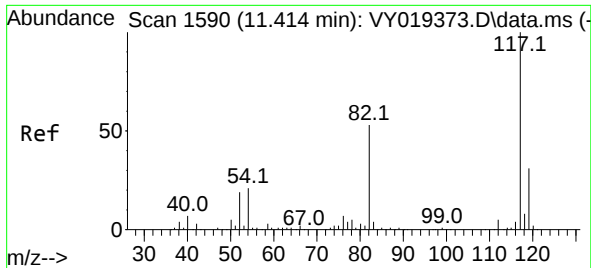
Tgt Ion: 98 Resp: 1383
Ion Ratio Lower Upper
98 100
100 75.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 15.787 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019432.D
Acq: 03 Sep 2024 16:24

Tgt Ion: 95 Resp: 270
Ion Ratio Lower Upper
95 100
174 47.4 0.0 175.6
176 61.1 0.0 171.4

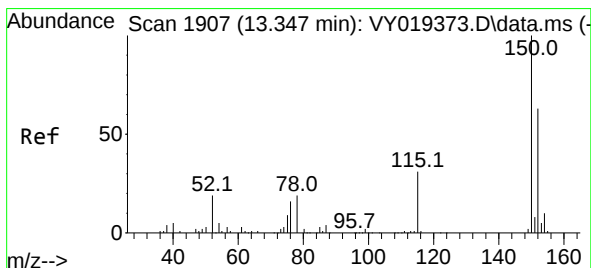
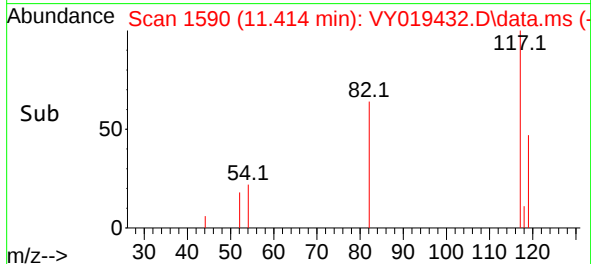
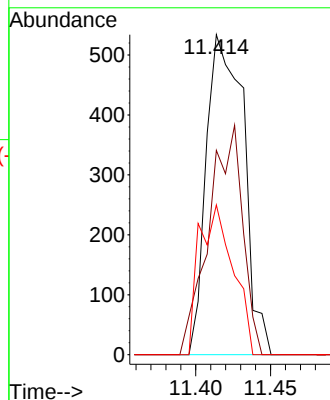
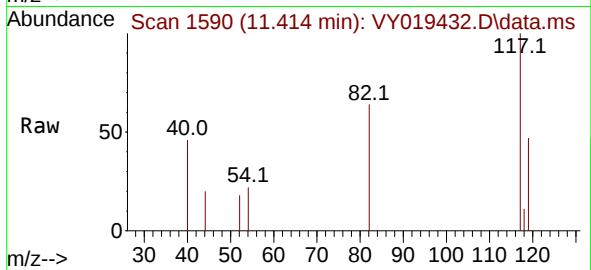




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019432.D
Acq: 03 Sep 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :
TEST-PITS-3

Tgt Ion:117 Resp: 923
Ion Ratio Lower Upper
117 100
82 63.9 42.4 63.6#
119 46.8 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019432.D
Acq: 03 Sep 2024 16:24

Tgt Ion:152 Resp: 239
Ion Ratio Lower Upper
152 100
115 46.9 28.2 84.7
150 141.4 0.0 345.6

