

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019332.D
 Acq On : 28 Aug 2024 16:01
 Operator : SY/MD
 Sample : P3728-01RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-08232024RE

Quant Time: Aug 28 17:21:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	10567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	16479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	11805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	2628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	5059	47.760	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.520%
35) Dibromofluoromethane	7.616	113	5075	47.100	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.200%
50) Toluene-d8	10.103	98	16333	42.122	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.240%
62) 4-Bromofluorobenzene	12.408	95	3609	27.303	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	54.600%

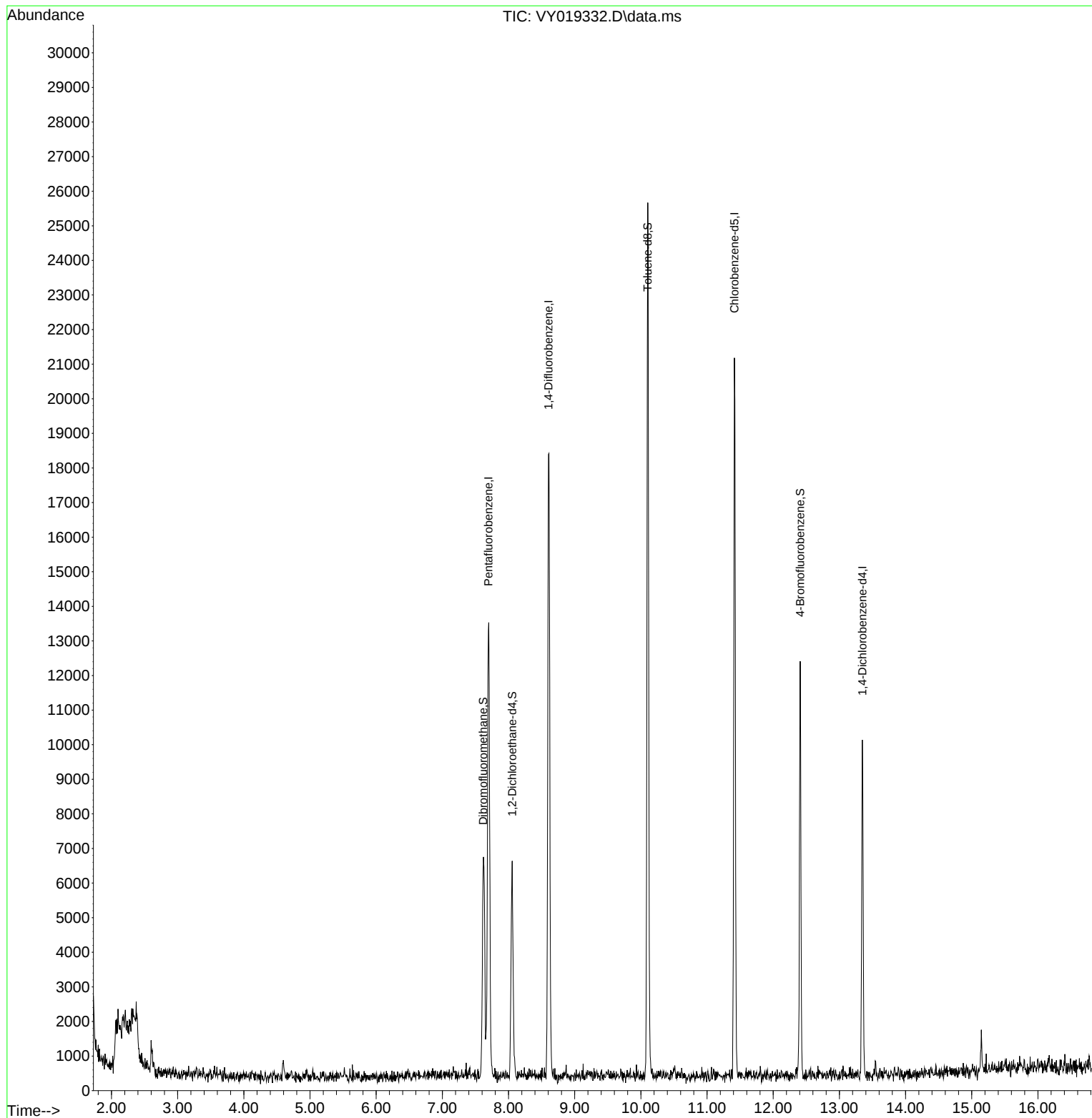
Target Compounds	Qvalue

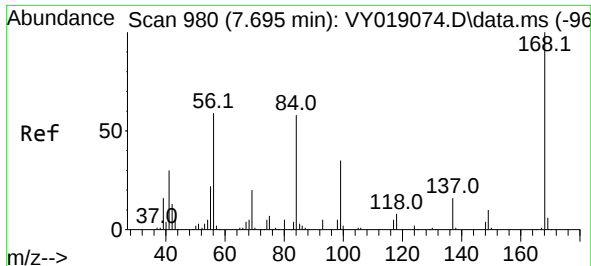
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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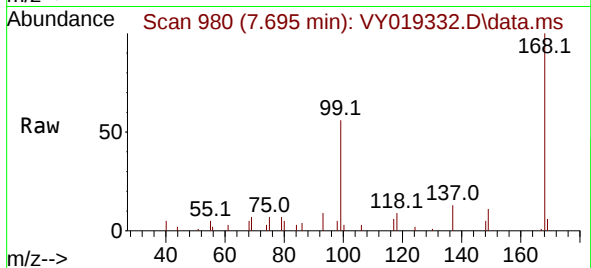
Quant Time: Aug 28 17:21:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
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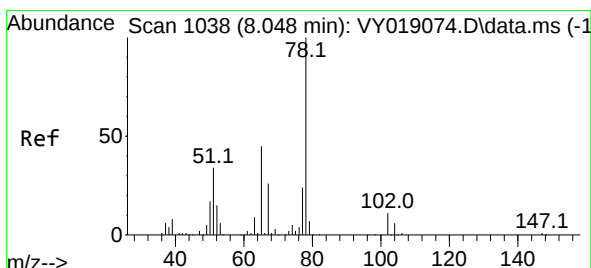
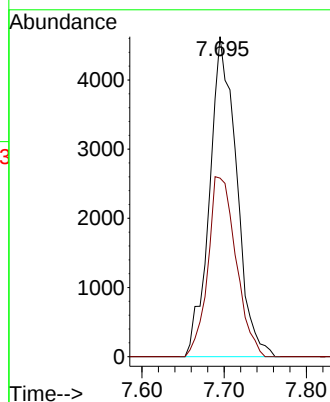
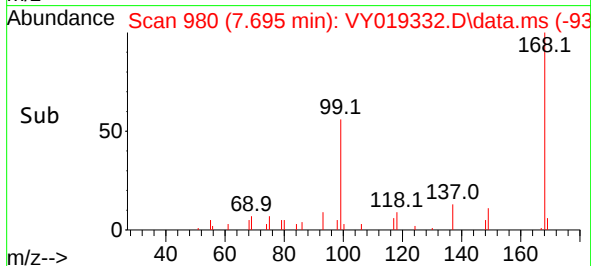


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019332.D
Acq: 28 Aug 2024 16:01

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-08232024RE

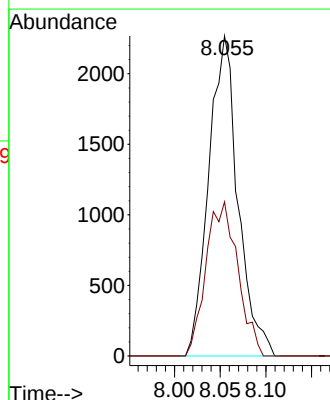
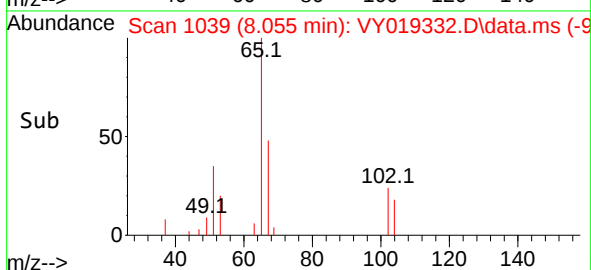
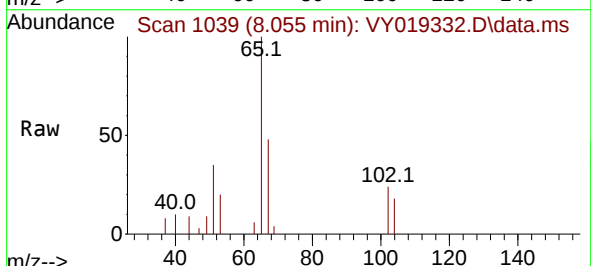


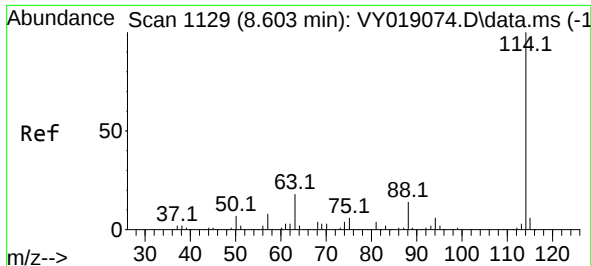
Tgt Ion:168 Resp: 10567
Ion Ratio Lower Upper
168 100
99 55.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.760 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019332.D
Acq: 28 Aug 2024 16:01

Tgt Ion: 65 Resp: 5059
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019332.D

Acq: 28 Aug 2024 16:01

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-08232024RE

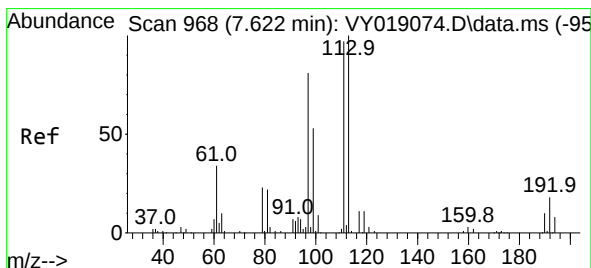
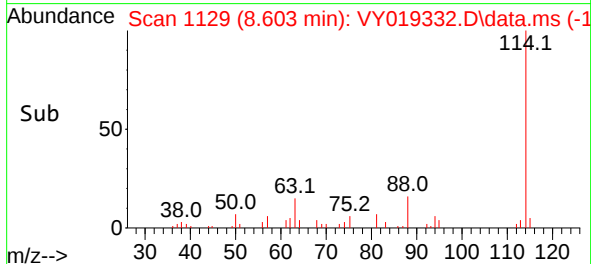
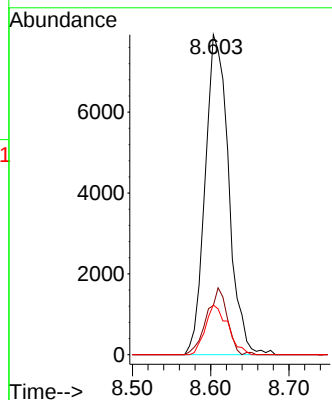
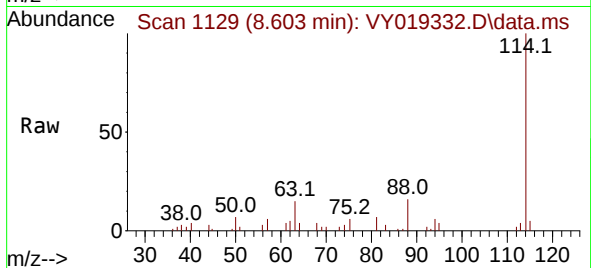
Tgt Ion:114 Resp: 16479

Ion Ratio Lower Upper

114 100

63 15.4 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.100 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY019332.D

Acq: 28 Aug 2024 16:01

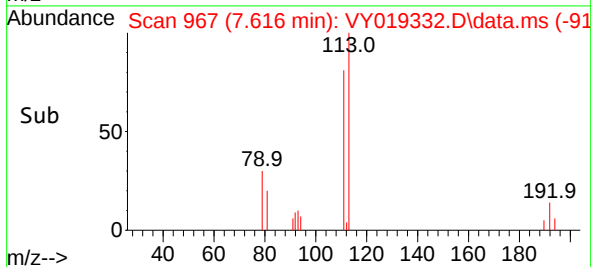
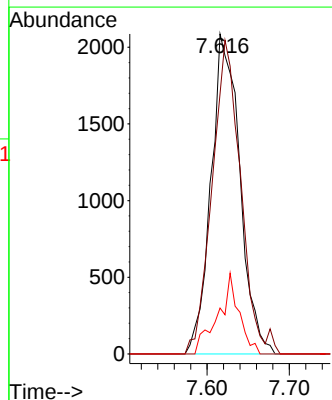
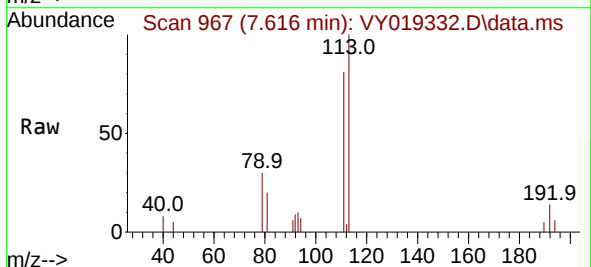
Tgt Ion:113 Resp: 5075

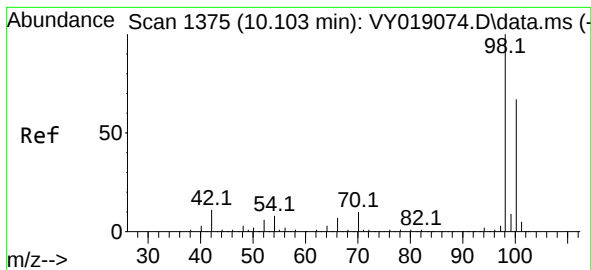
Ion Ratio Lower Upper

113 100

111 97.3 82.2 123.4

192 18.4 15.9 23.9

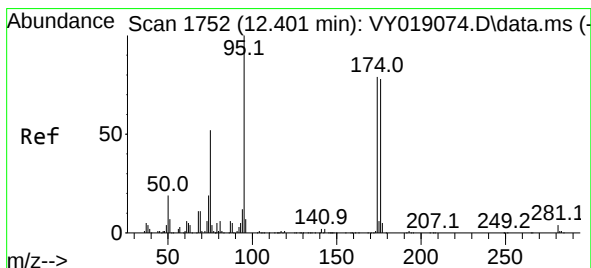
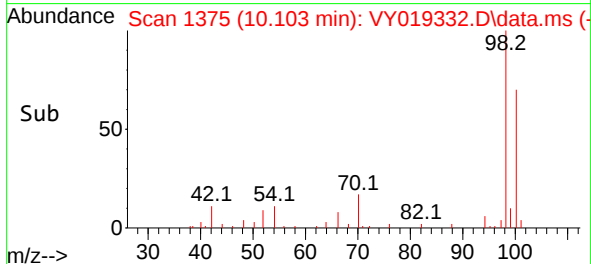
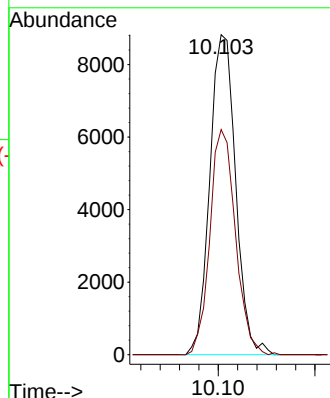
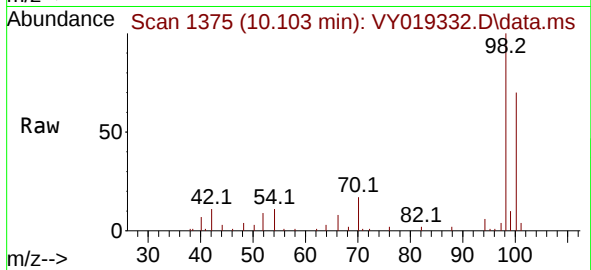




#50
Toluene-d8
Concen: 42.122 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019332.D
Acq: 28 Aug 2024 16:01

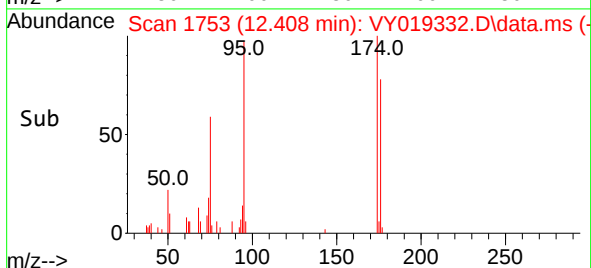
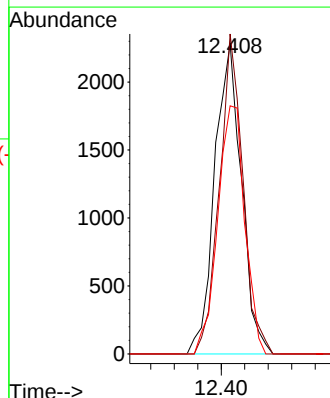
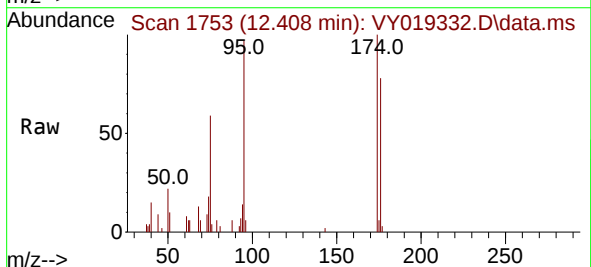
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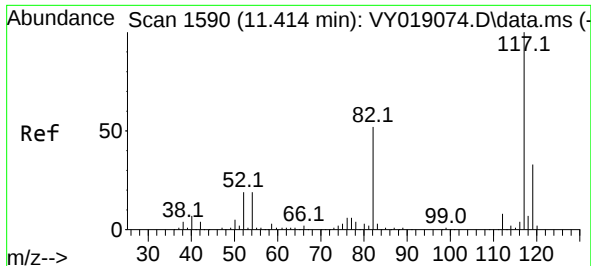
Tgt Ion: 98 Resp: 16333
Ion Ratio Lower Upper
98 100
100 69.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 27.303 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019332.D
Acq: 28 Aug 2024 16:01

Tgt Ion: 95 Resp: 3609
Ion Ratio Lower Upper
95 100
174 90.5 0.0 175.6
176 81.0 0.0 171.4

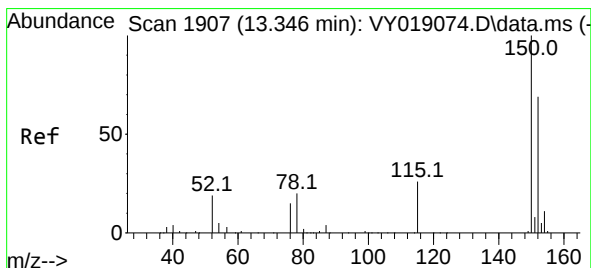
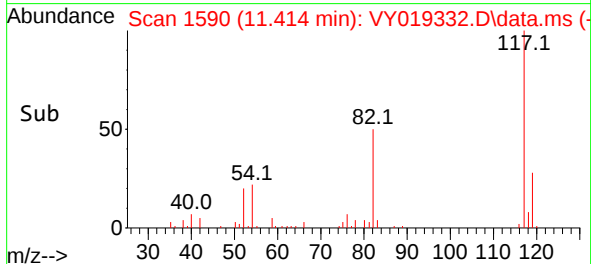
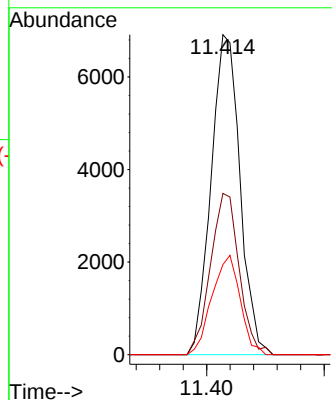
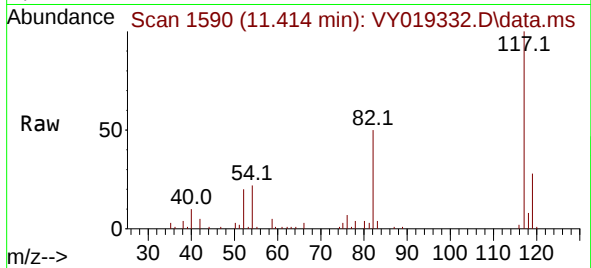




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019332.D
Acq: 28 Aug 2024 16:01

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-08232024RE

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.4	42.4	63.6
119	28.1	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: VY019332.D
Acq: 28 Aug 2024 16:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.5	28.2	84.7
150	151.1	0.0	345.6

