

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019950.D
 Acq On : 18 Oct 2024 14:01
 Operator : SY/MD
 Sample : P4417-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOPPER-A-SOLIDRE

Quant Time: Oct 18 23:32:46 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)

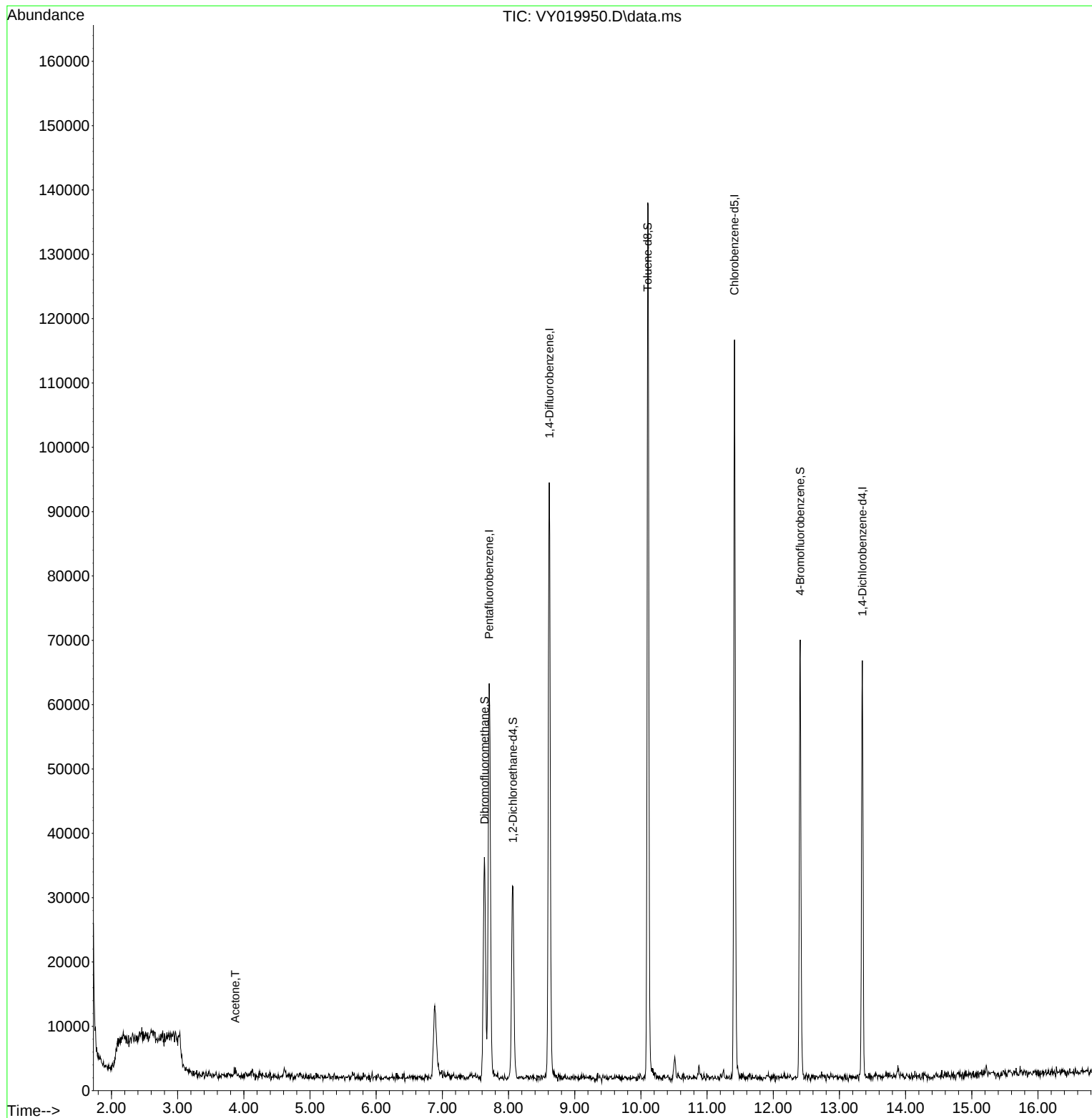
Internal Standards						
1) Pentafluorobenzene	7.707	168	42669	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	74508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	55110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	14272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	23735	45.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.360%
35) Dibromofluoromethane	7.640	113	24341	49.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.020%
50) Toluene-d8	10.103	98	85806	47.259	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.408	95	20094	30.628	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	61.260%
Target Compounds						
16) Acetone	3.873	43	1795	13.125	ug/l	# 74

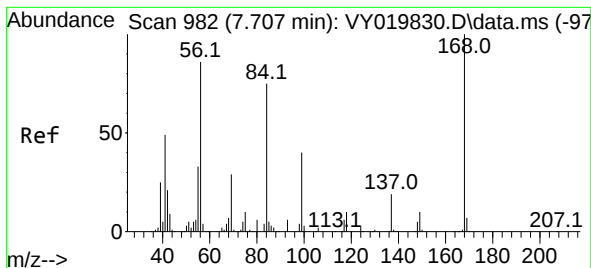
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY019950.D

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Instrument :

MSVOA_Y

ClientSampleId :

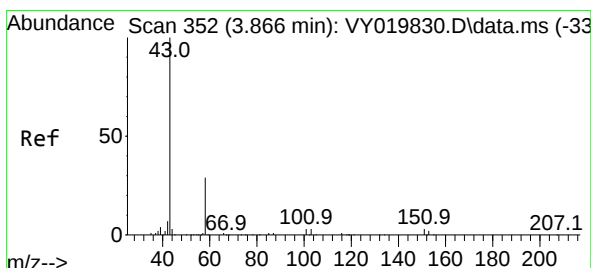
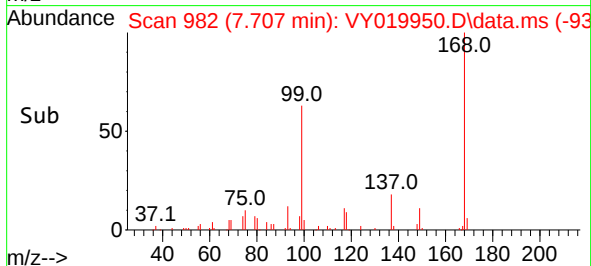
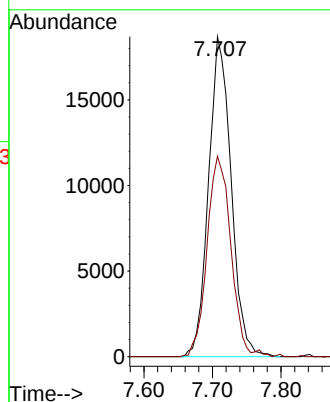
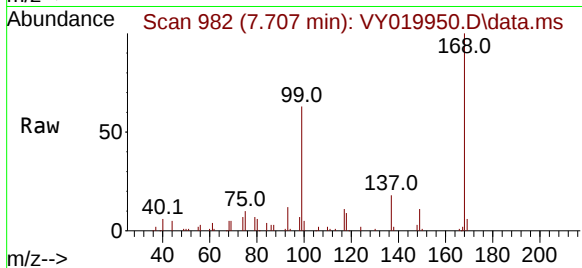
HOPPER-A-SOLIDRE

Tgt Ion:168 Resp: 42669

Ion Ratio Lower Upper

168 100

99 62.7 39.1 58.7#



#16

Acetone

Concen: 13.125 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY019950.D

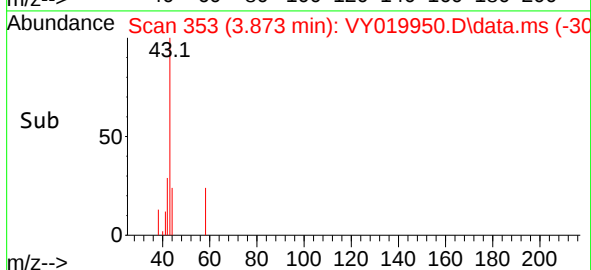
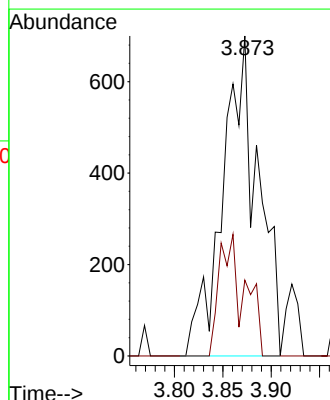
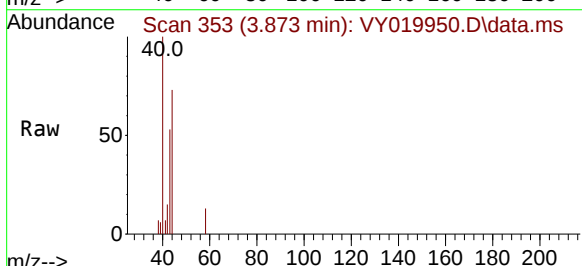
Acq: 18 Oct 2024 14:01

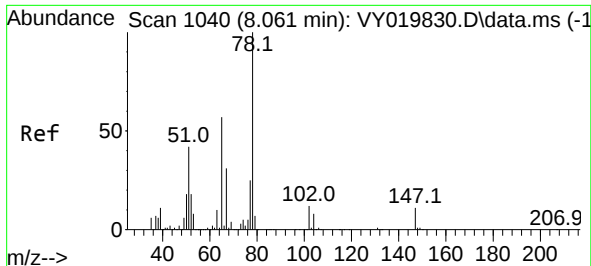
Tgt Ion: 43 Resp: 1795

Ion Ratio Lower Upper

43 100

58 23.7 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 45.177 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.007 min

Lab File: VY019950.D

Acq: 18 Oct 2024 14:01

Instrument :

MSVOA_Y

ClientSampleId :

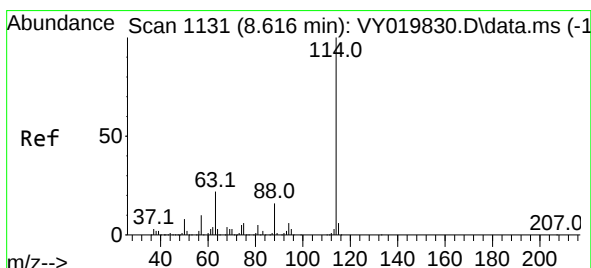
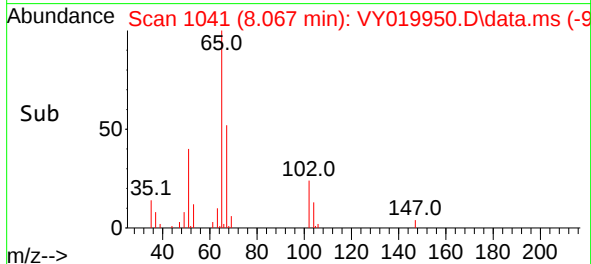
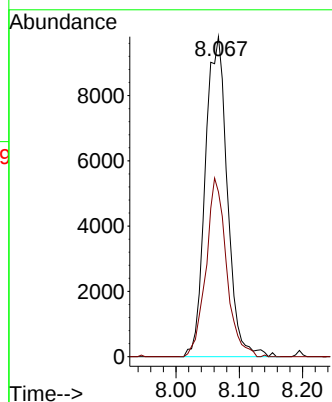
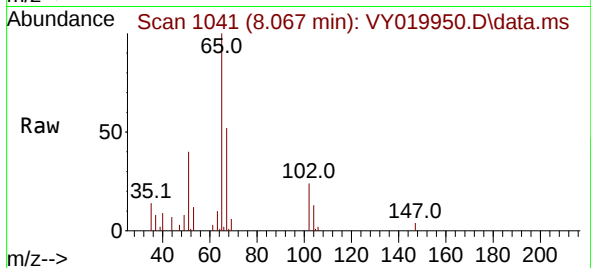
HOPPER-A-SOLIDRE

Tgt Ion: 65 Resp: 23735

Ion Ratio Lower Upper

65 100

67 52.0 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: VY019950.D

Acq: 18 Oct 2024 14:01

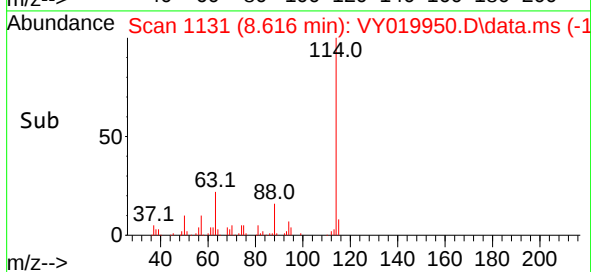
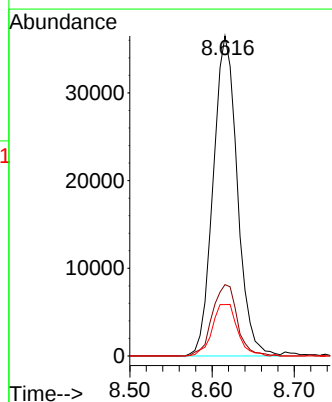
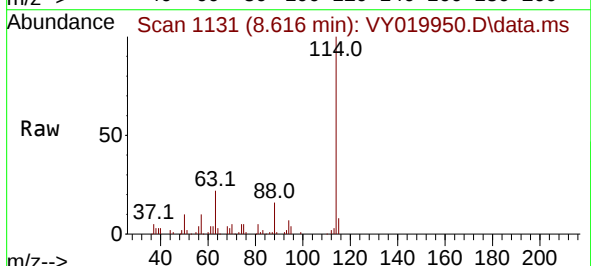
Tgt Ion: 114 Resp: 74508

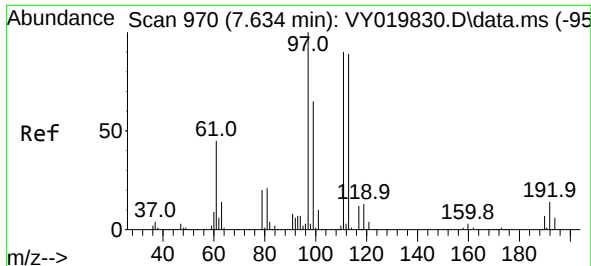
Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.0

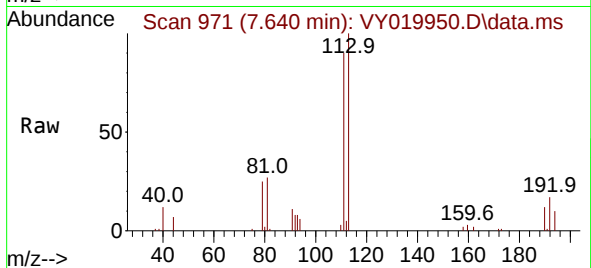
88 16.0 0.0 27.2



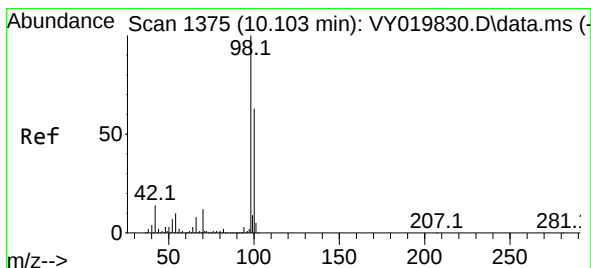
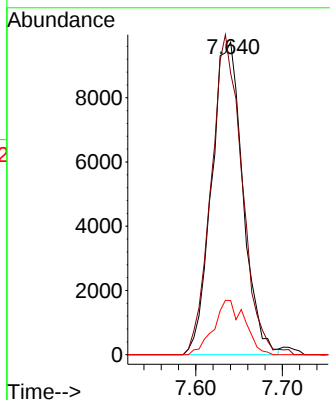
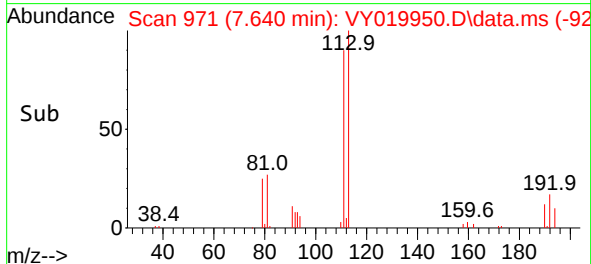


#35
 Dibromofluoromethane
 Concen: 49.507 ug/l
 RT: 7.640 min Scan# 91
 Delta R.T. 0.007 min
 Lab File: VY019950.D
 Acq: 18 Oct 2024 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOPPER-A-SOLIDRE

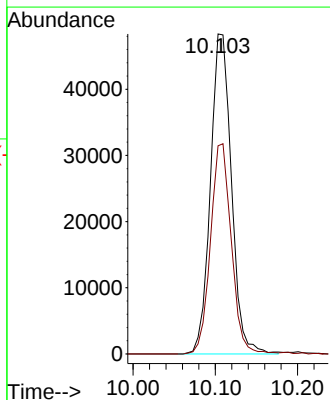
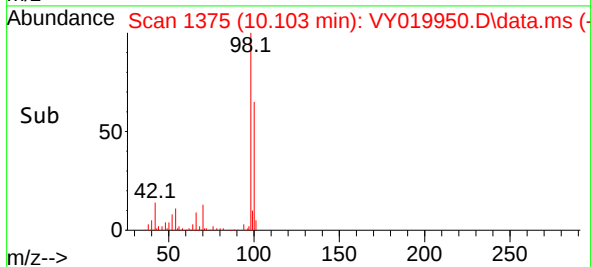
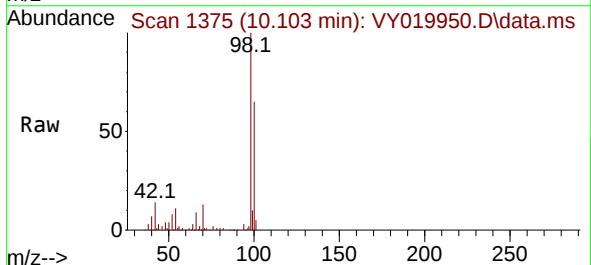


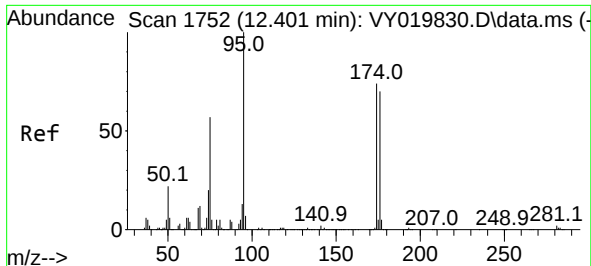
Tgt Ion:113 Resp: 24341
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.2 123.4
 192 17.3 15.9 23.9



#50
 Toluene-d8
 Concen: 47.259 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. -0.006 min
 Lab File: VY019950.D
 Acq: 18 Oct 2024 14:01

Tgt Ion: 98 Resp: 85806
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.0 78.0

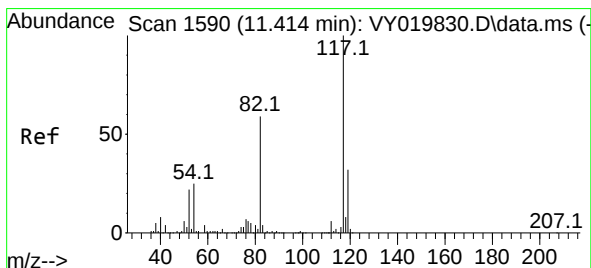
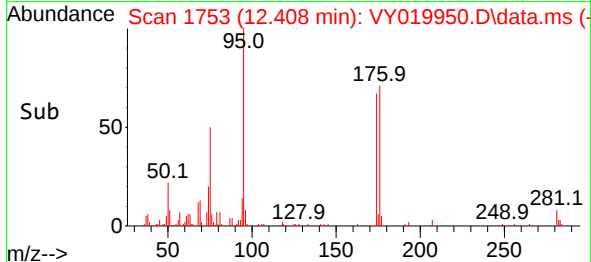
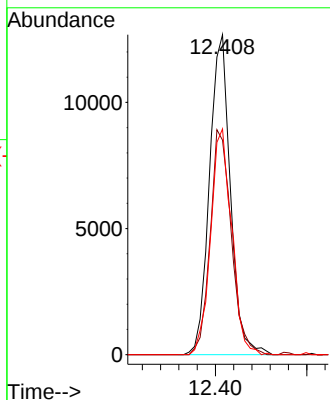
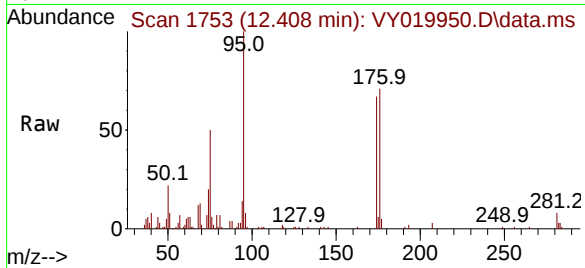




#62
4-Bromofluorobenzene
Concen: 30.628 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019950.D
Acq: 18 Oct 2024 14:01

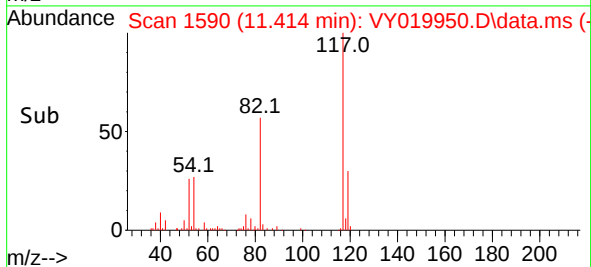
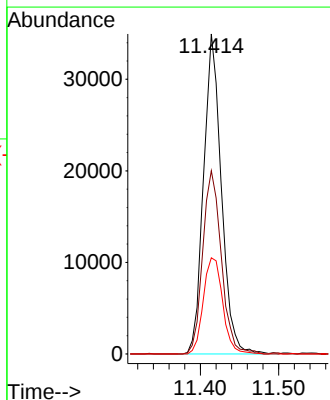
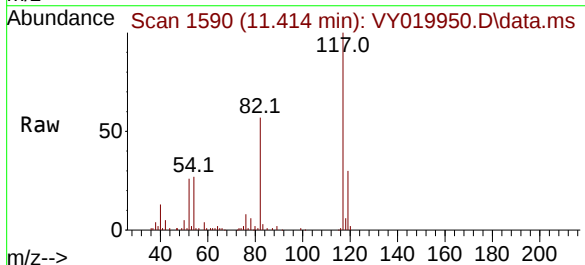
Instrument :
MSVOA_Y
ClientSampleId :
HOPPER-A-SOLIDRE

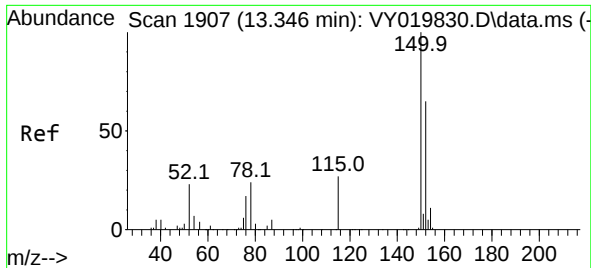
Tgt Ion: 95 Resp: 20094
Ion Ratio Lower Upper
95 100
174 71.4 0.0 175.6
176 71.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019950.D
Acq: 18 Oct 2024 14:01

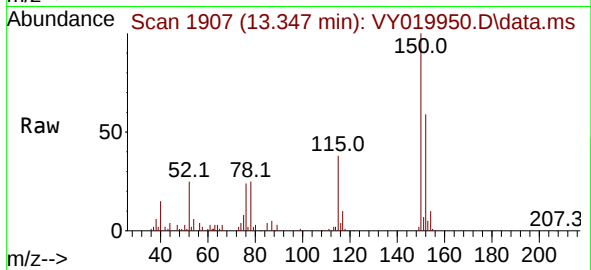
Tgt Ion: 117 Resp: 55110
Ion Ratio Lower Upper
117 100
82 57.2 42.4 63.6
119 30.1 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019950.D
 Acq: 18 Oct 2024 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOPPER-A-SOLIDRE



Tgt Ion:	152	Resp:	14272
Ion	Ratio	Lower	Upper
152	100		
115	63.5	28.2	84.7
150	168.2	0.0	345.6

