

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018471.D
 Acq On : 04 Jun 2024 18:10
 Operator : SY/MD
 Sample : P2701-03RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CON-PAD-2RE

Quant Time: Jun 05 01:29:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	45619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	91661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	81015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29644	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	51955	57.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.980%
35) Dibromofluoromethane	7.704	113	11326	9.744	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.480%#
50) Toluene-d8	10.173	98	203120	43.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.860%
62) 4-Bromofluorobenzene	12.477	95	56414	39.184	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.360%

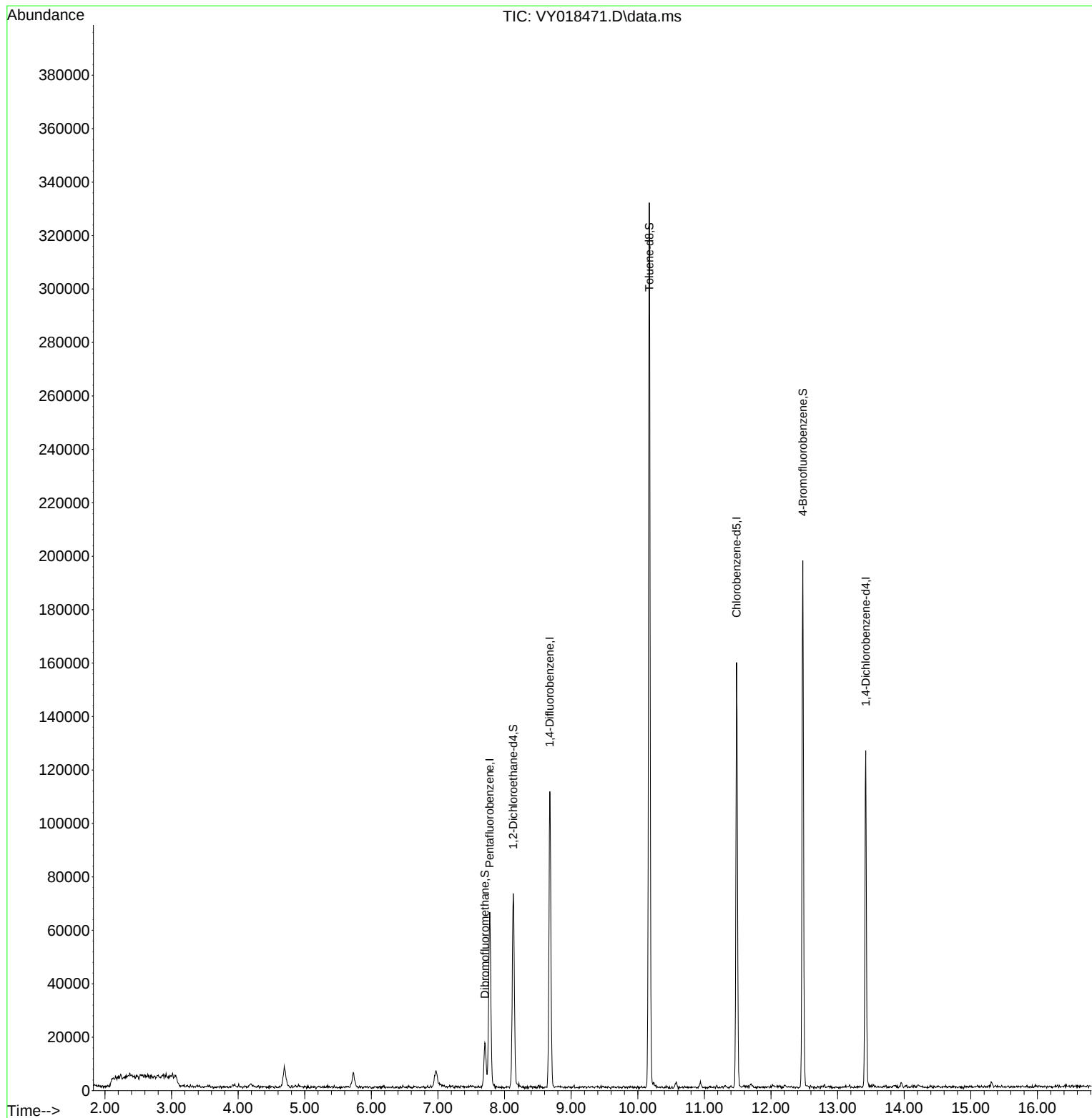
Target Compounds	Qvalue

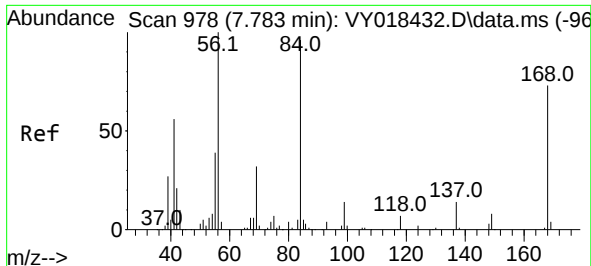
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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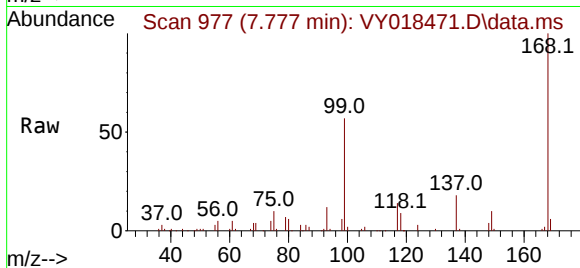
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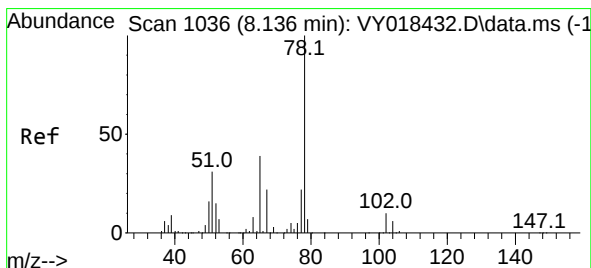
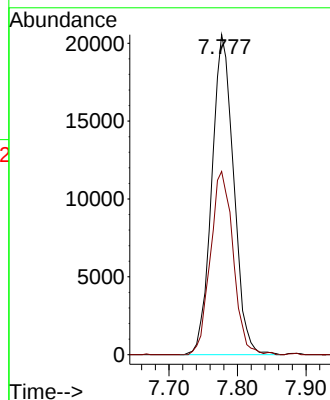
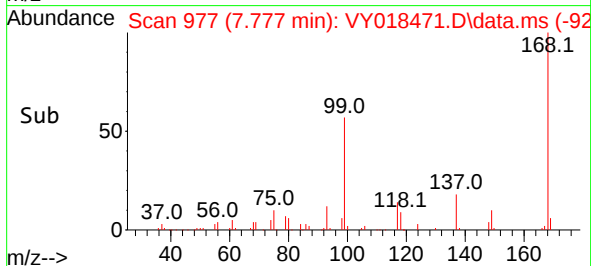


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :
CON-PAD-2RE

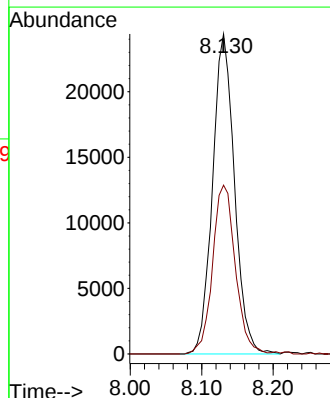
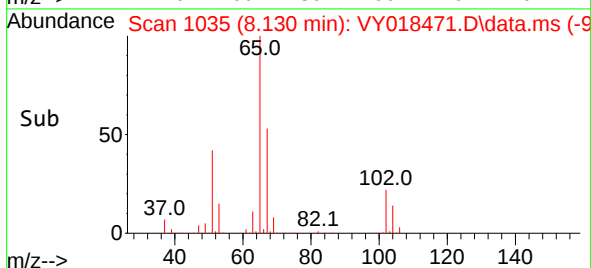
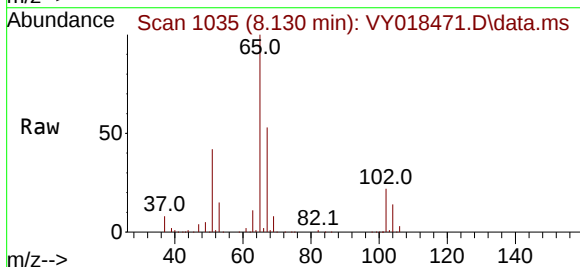


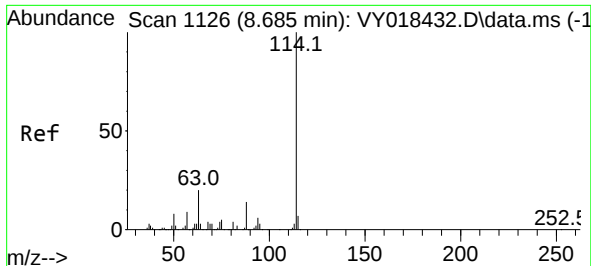
Tgt Ion:168 Resp: 45619
Ion Ratio Lower Upper
168 100
99 57.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.993 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

Tgt Ion: 65 Resp: 51955
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018471.D

Acq: 04 Jun 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

CON-PAD-2RE

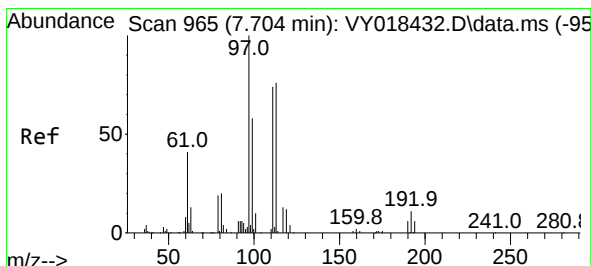
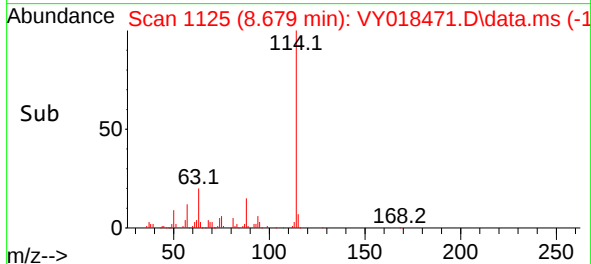
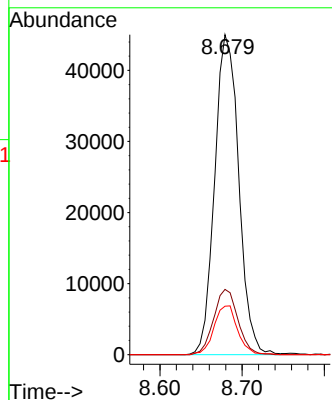
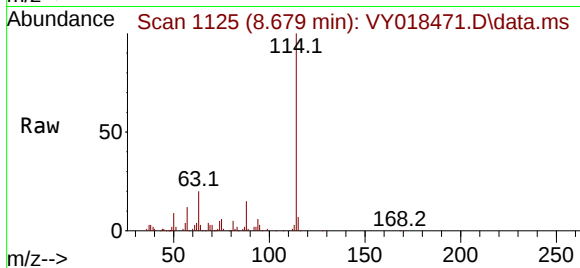
Tgt Ion:114 Resp: 91661

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 15.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 9.744 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018471.D

Acq: 04 Jun 2024 18:10

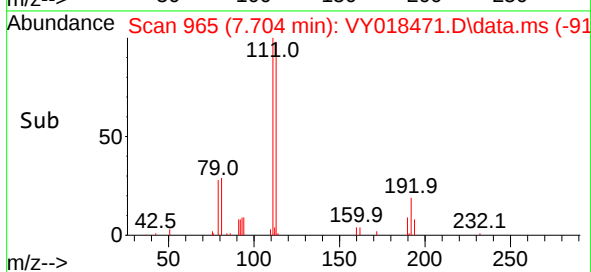
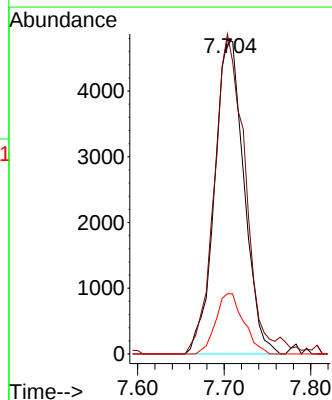
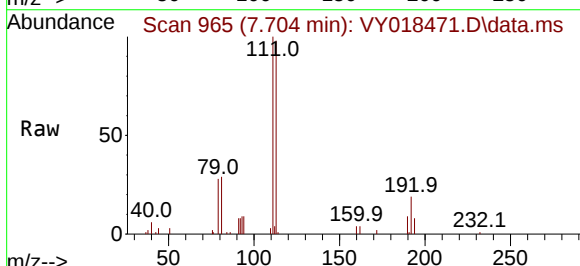
Tgt Ion:113 Resp: 11326

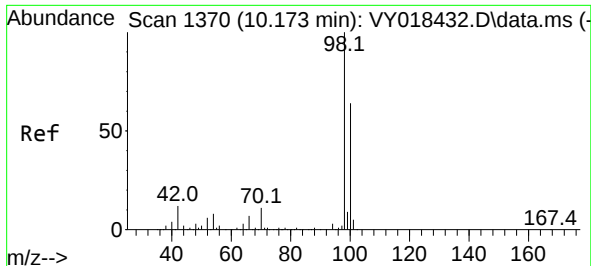
Ion Ratio Lower Upper

113 100

111 106.6 82.2 123.4

192 18.1 15.9 23.9

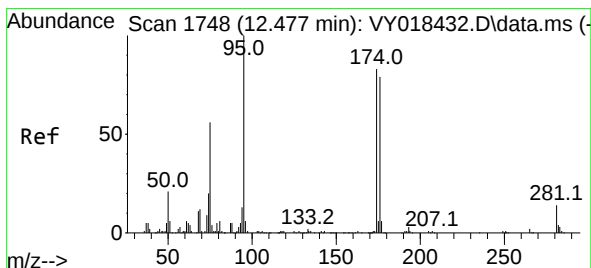
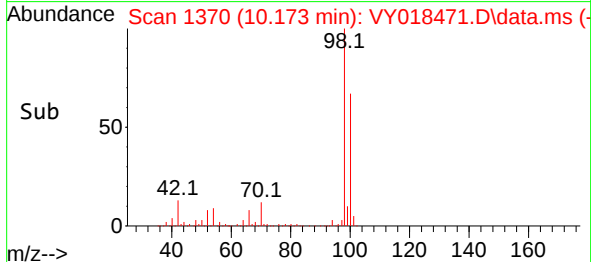
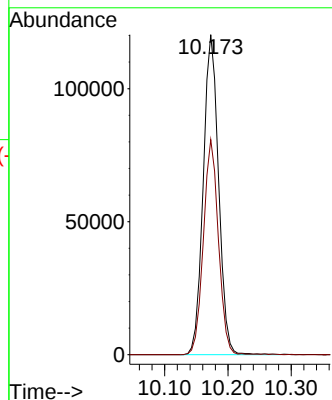
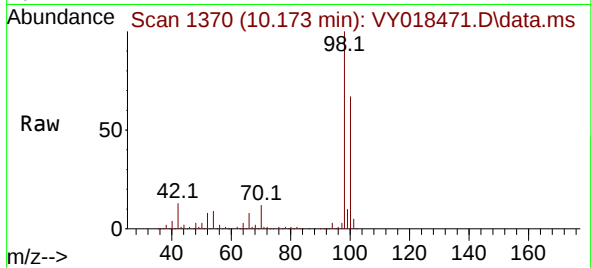




#50
Toluene-d8
Concen: 43.927 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

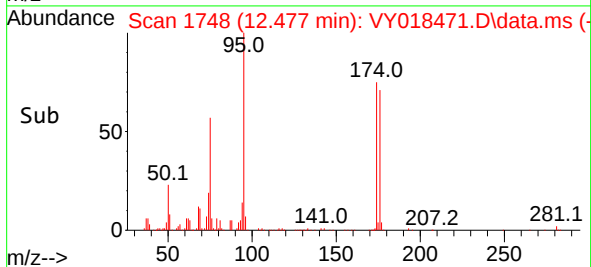
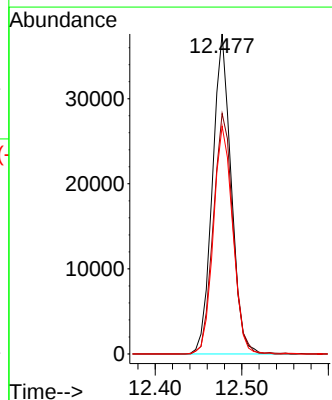
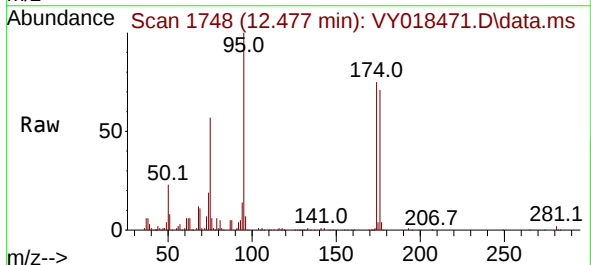
Instrument :
MSVOA_Y
ClientSampleId :
CON-PAD-2RE

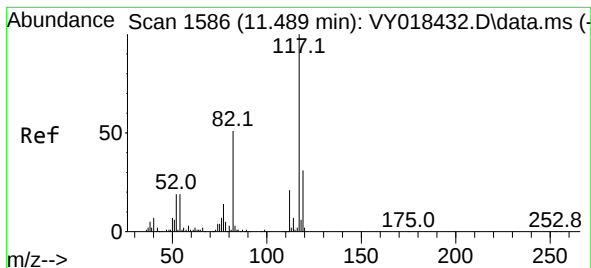
Tgt Ion: 98 Resp: 203120
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.184 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

Tgt Ion: 95 Resp: 56414
Ion Ratio Lower Upper
95 100
174 78.7 0.0 175.6
176 73.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018471.D

Acq: 04 Jun 2024 18:10

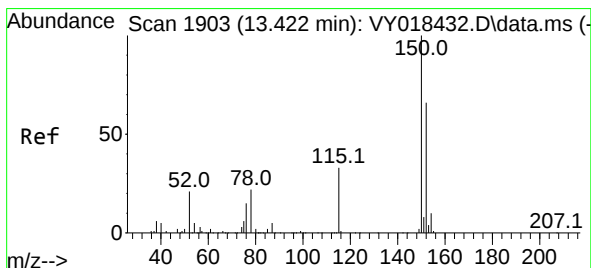
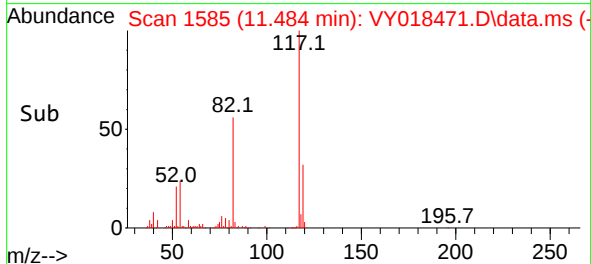
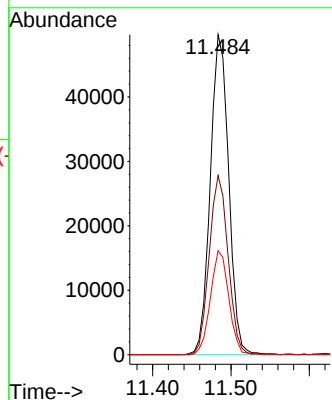
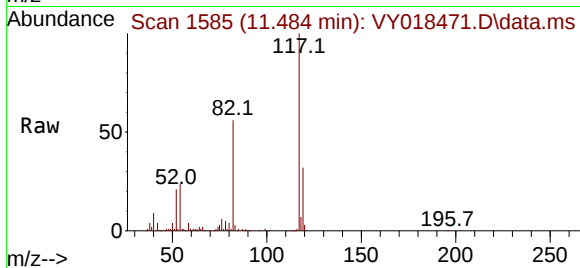
Instrument :

MSVOA_Y

ClientSampleId :

CON-PAD-2RE

Tgt Ion:	117	Resp:	81015
Ion	Ratio	Lower	Upper
117	100		
82	56.0	42.4	63.6
119	32.5	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018471.D

Acq: 04 Jun 2024 18:10

Tgt Ion:	152	Resp:	29644
Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.2	84.7
150	151.7	0.0	345.6

