

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018799.D
 Acq On : 12 Jul 2024 15:51
 Operator : SY/MD
 Sample : P3208-03RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-207RE

Quant Time: Jul 12 16:06:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	12445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	19950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	16186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5207	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	5871	47.942	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.880%
35) Dibromofluoromethane	7.703	113	5768	46.162	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.320%
50) Toluene-d8	10.172	98	20720	43.770	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.540%
62) 4-Bromofluorobenzene	12.483	95	5545	34.300	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.600%

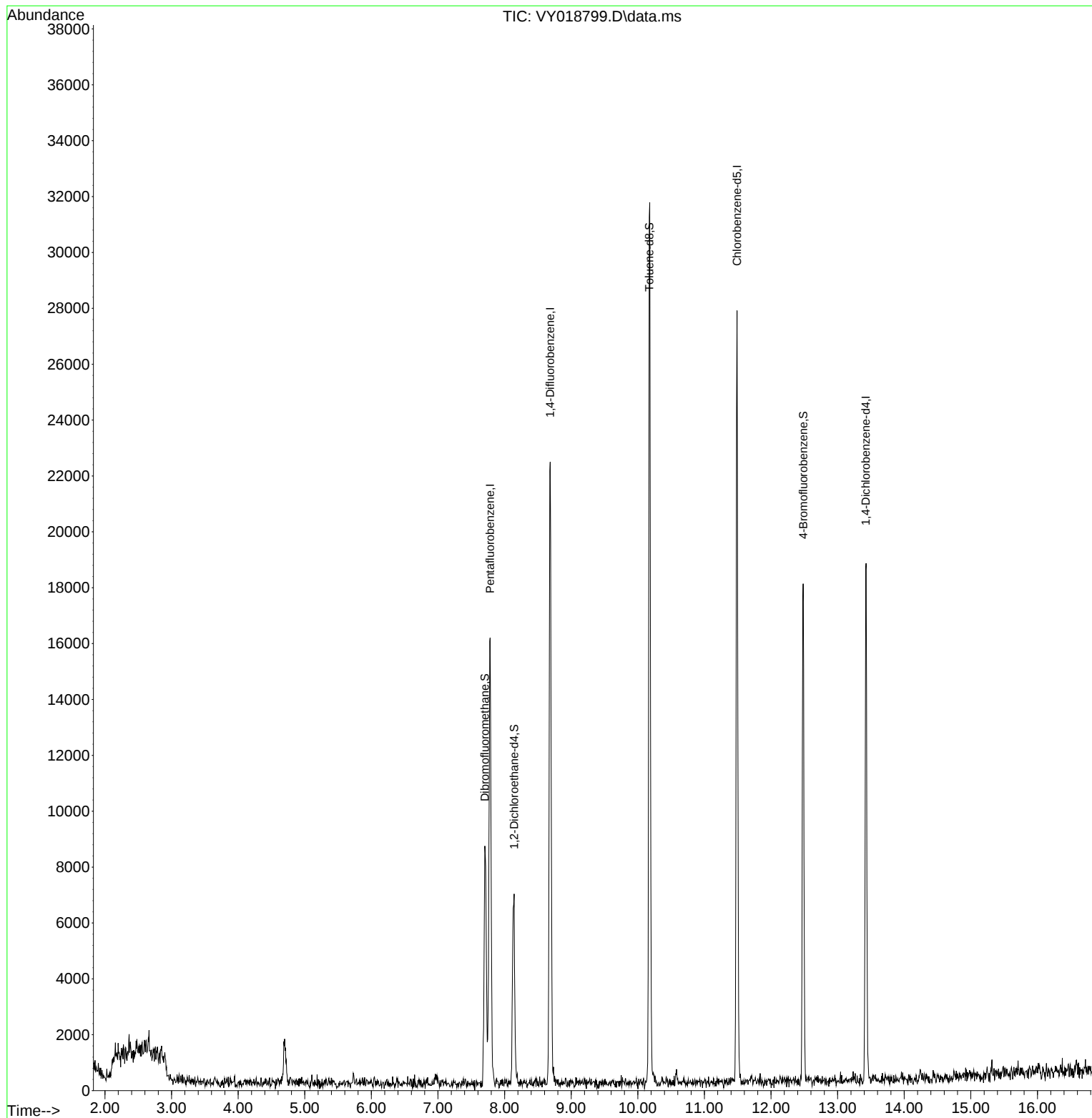
Target Compounds	Qvalue

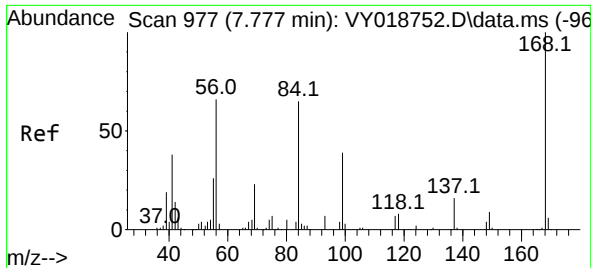
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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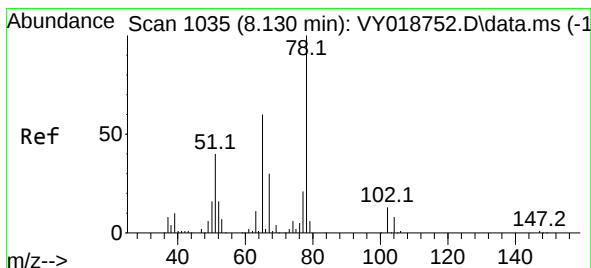
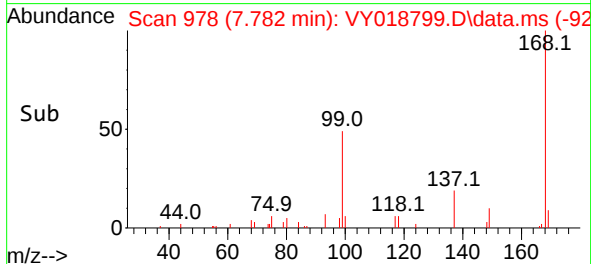
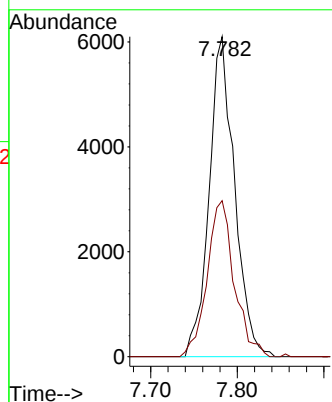
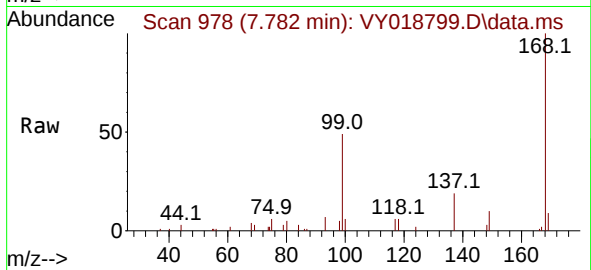




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY018799.D
Acq: 12 Jul 2024 15:51

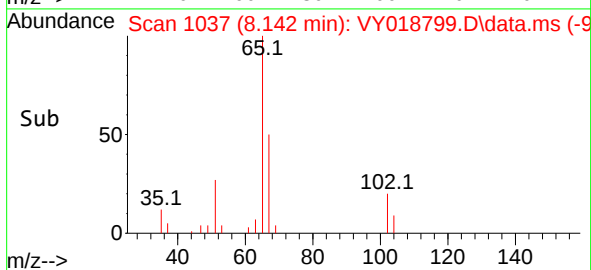
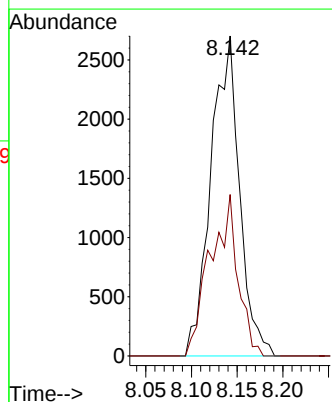
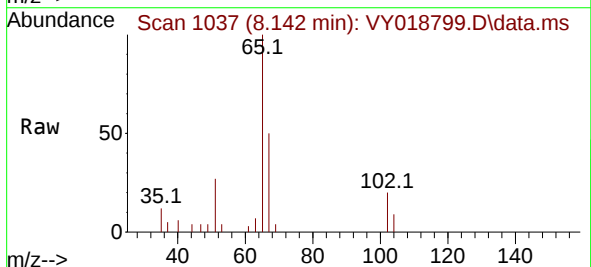
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207RE

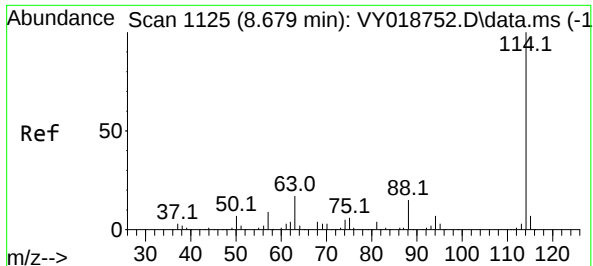
Tgt Ion:168 Resp: 12445
Ion Ratio Lower Upper
168 100
99 48.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.942 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.012 min
Lab File: VY018799.D
Acq: 12 Jul 2024 15:51

Tgt Ion: 65 Resp: 5871
Ion Ratio Lower Upper
65 100
67 48.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY018799.D

Acq: 12 Jul 2024 15:51

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-207RE

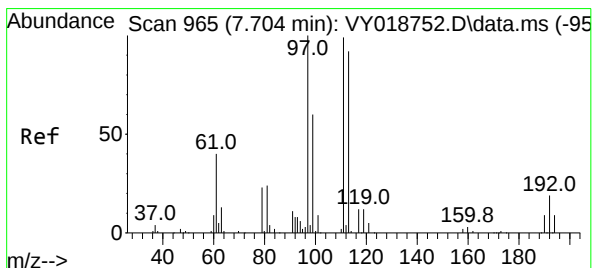
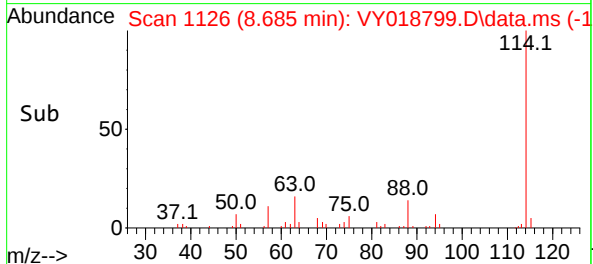
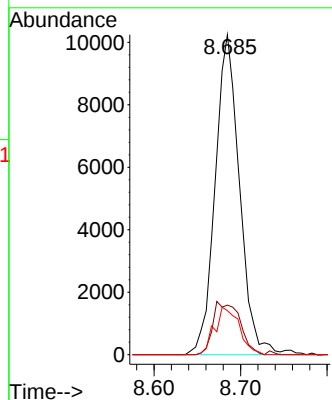
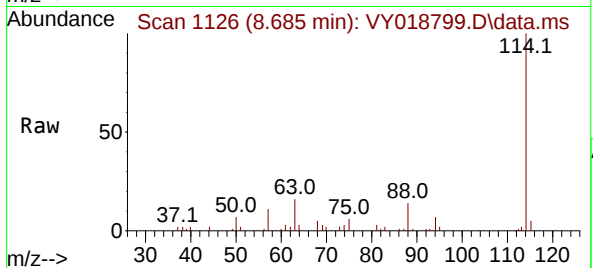
Tgt Ion:114 Resp: 19950

Ion Ratio Lower Upper

114 100

63 15.5 0.0 35.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.162 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018799.D

Acq: 12 Jul 2024 15:51

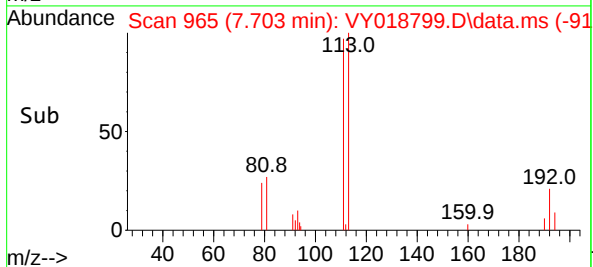
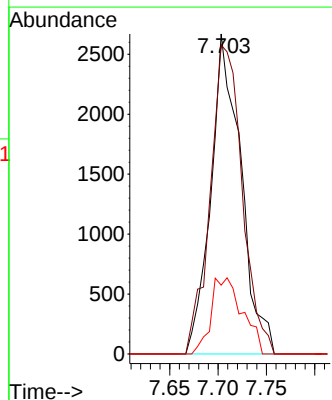
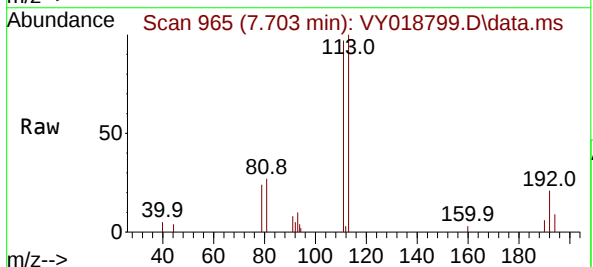
Tgt Ion:113 Resp: 5768

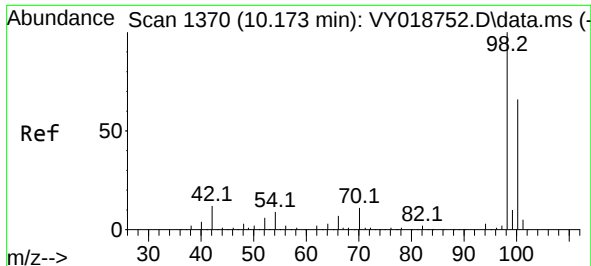
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 24.9 15.9 23.9#

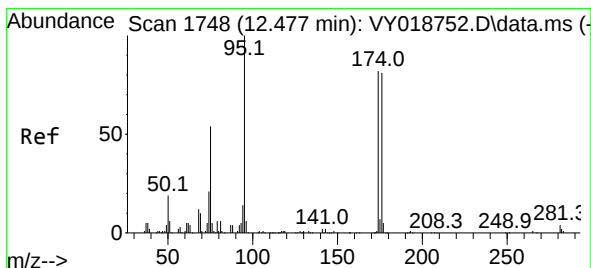
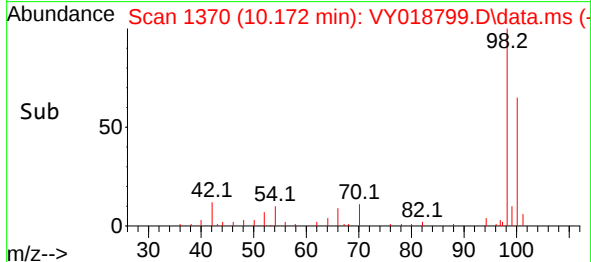
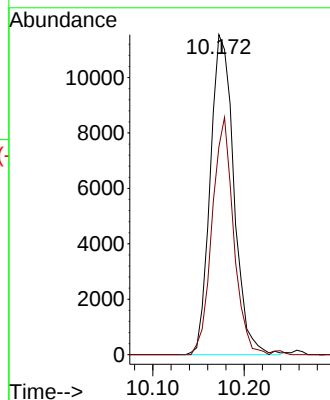
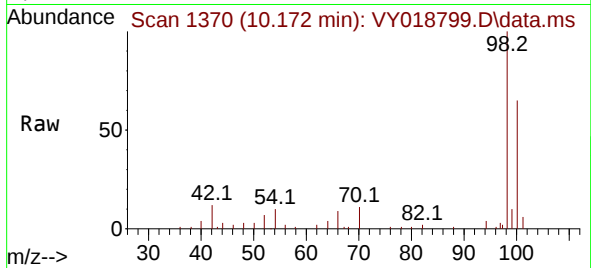




#50
Toluene-d8
Concen: 43.770 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018799.D
Acq: 12 Jul 2024 15:51

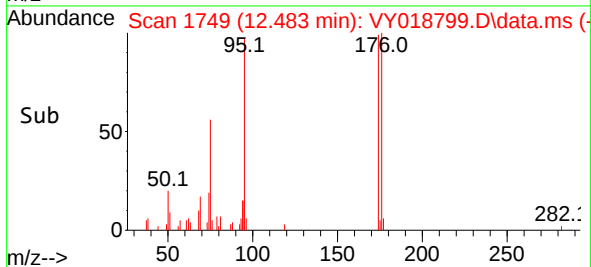
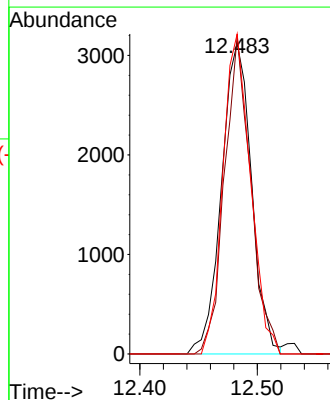
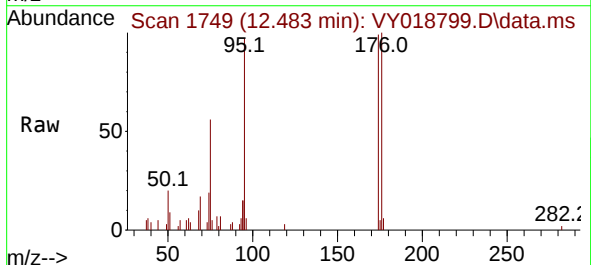
Instrument :
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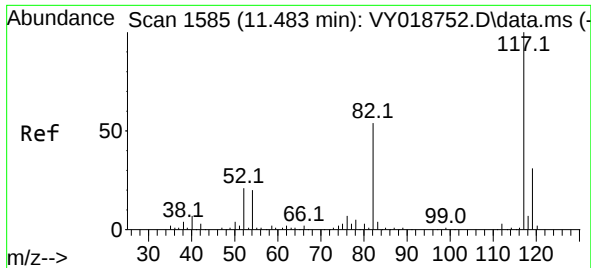
Tgt Ion: 98 Resp: 20720
Ion Ratio Lower Upper
98 100
100 67.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.300 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018799.D
Acq: 12 Jul 2024 15:51

Tgt Ion: 95 Resp: 5545
Ion Ratio Lower Upper
95 100
174 88.9 0.0 175.6
176 94.3 0.0 171.4

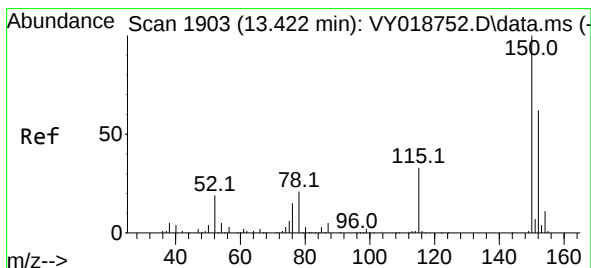
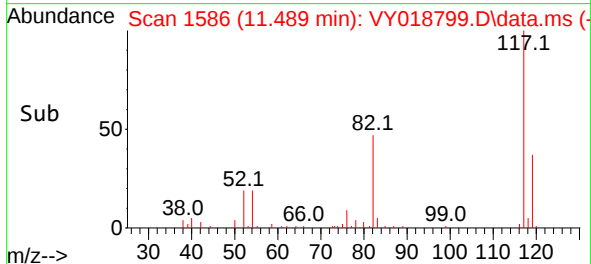
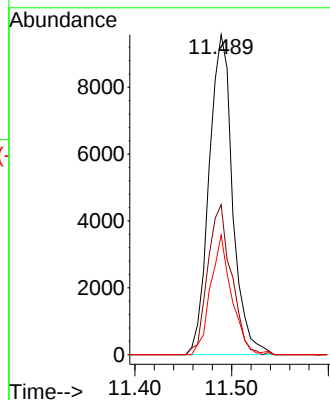
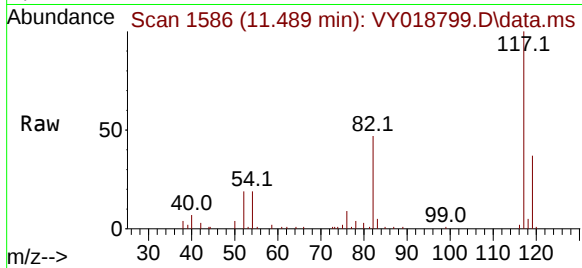




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018799.D
Acq: 12 Jul 2024 15:51

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207RE

Tgt Ion:117	Resp:	16186
Ion	Ratio	Lower Upper
117	100	
82	46.9	42.4 63.6
119	37.4	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: VY018799.D
Acq: 12 Jul 2024 15:51

Tgt Ion:152	Resp:	5207
Ion	Ratio	Lower Upper
152	100	
115	52.7	28.2 84.7
150	157.1	0.0 345.6

