

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018874.D
 Acq On : 19 Jul 2024 11:28
 Operator : SY/MD
 Sample : VY0719SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0719SBL01

Quant Time: Jul 19 23:01:26 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	7.783	168	77964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	136404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	124318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48762	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39019	50.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.720%
35) Dibromofluoromethane	7.710	113	42060	49.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.179	98	155437	48.023	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.483	95	48054	43.474	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.940%

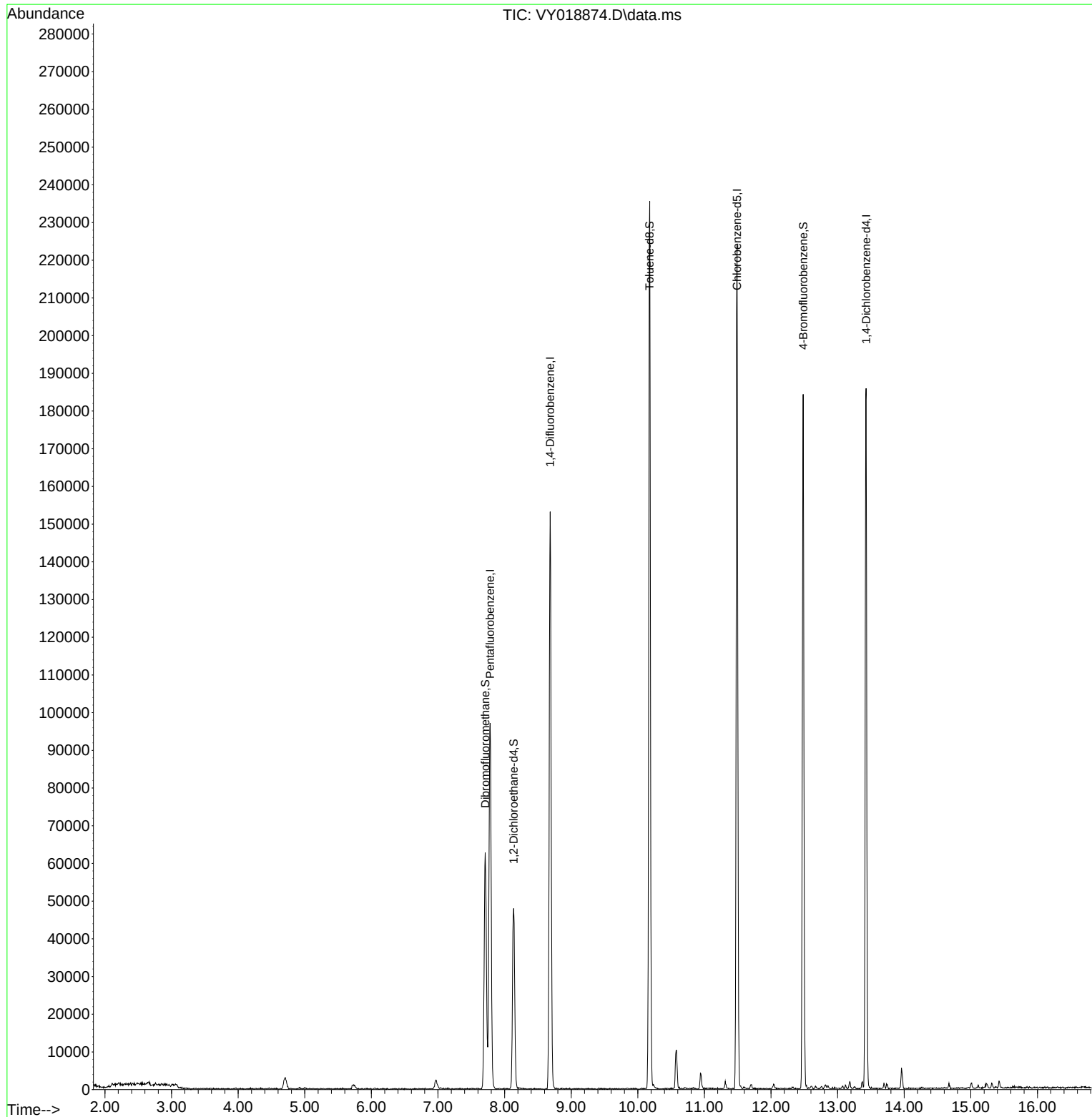
Target Compounds	Qvalue

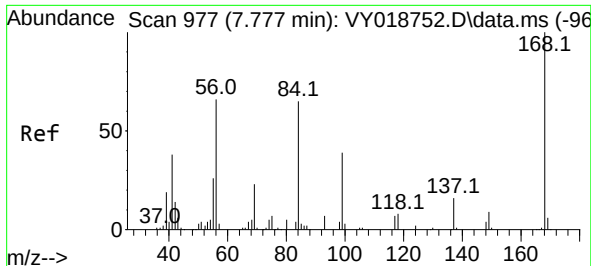
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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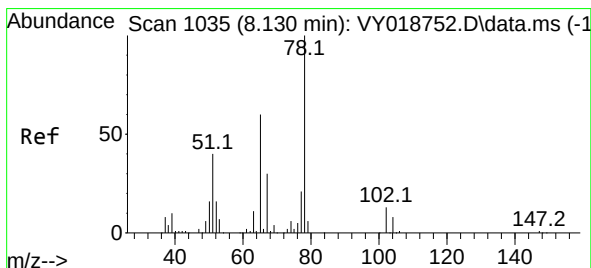
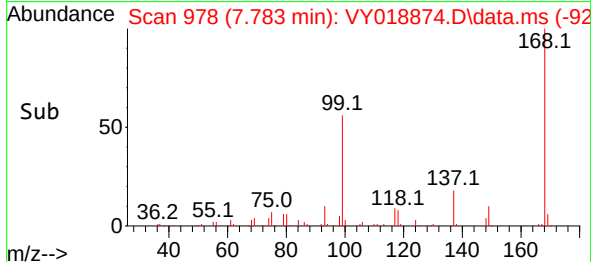
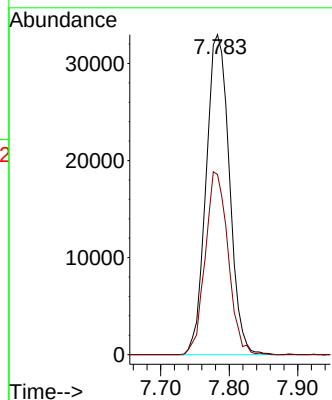
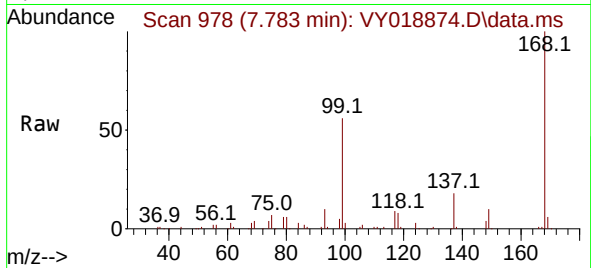




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

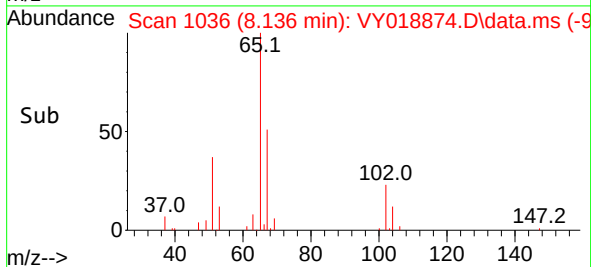
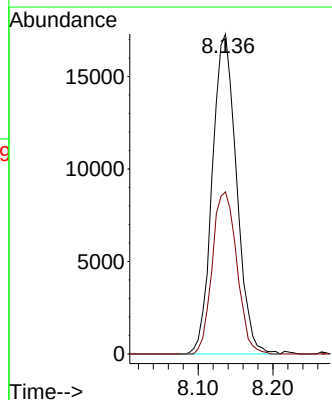
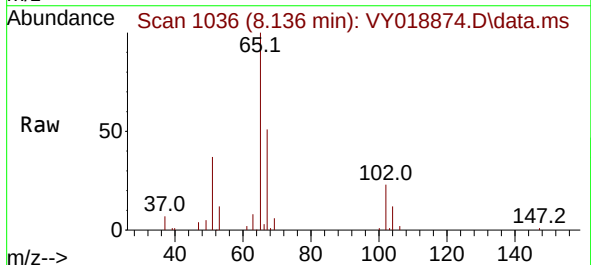
Instrument :
MSVOA_Y
ClientSampleId :
VY0719SBL01

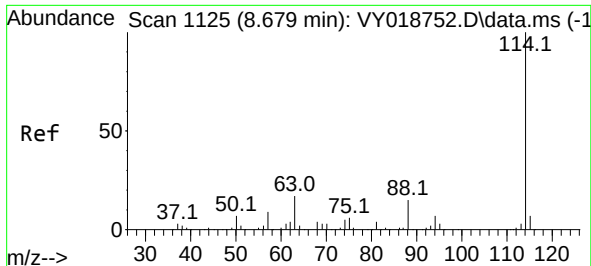
Tgt Ion:168 Resp: 77964
Ion Ratio Lower Upper
168 100
99 56.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.860 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

Tgt Ion: 65 Resp: 39019
Ion Ratio Lower Upper
65 100
67 51.3 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: VY018874.D

Acq: 19 Jul 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0719SBL01

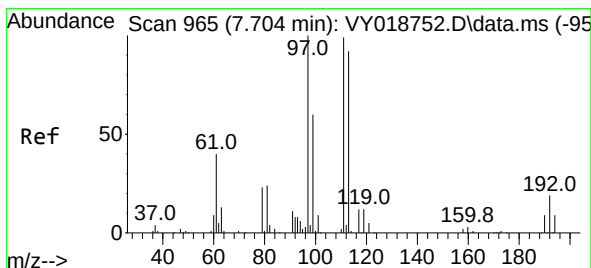
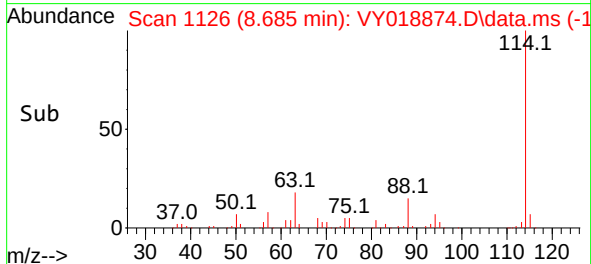
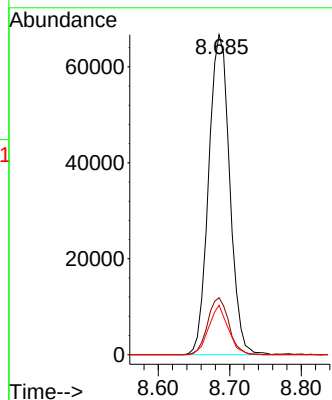
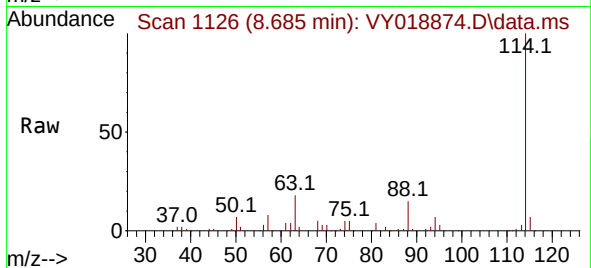
Tgt Ion:114 Resp: 136404

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 15.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.232 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018874.D

Acq: 19 Jul 2024 11:28

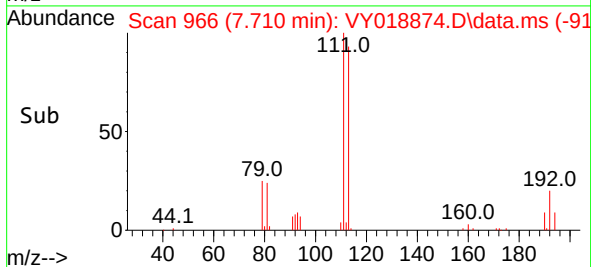
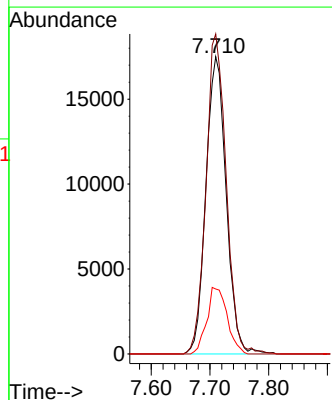
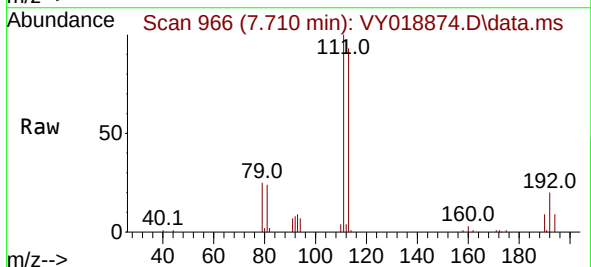
Tgt Ion:113 Resp: 42060

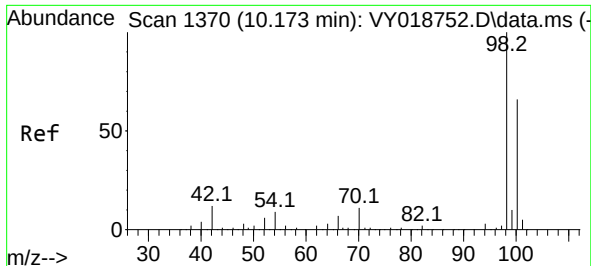
Ion Ratio Lower Upper

113 100

111 106.7 82.2 123.4

192 22.4 15.9 23.9

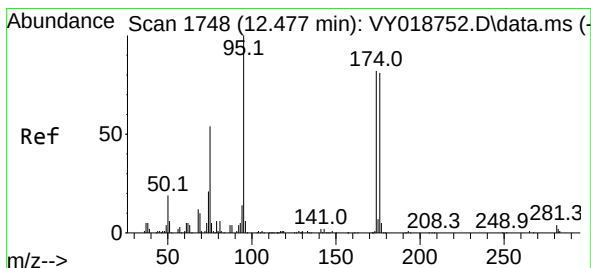
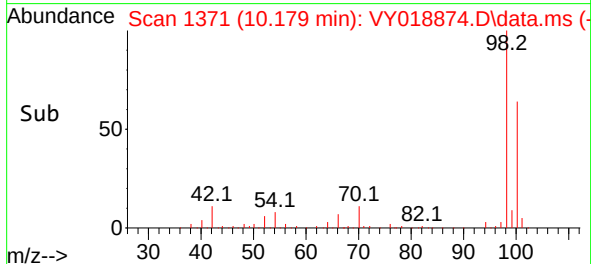
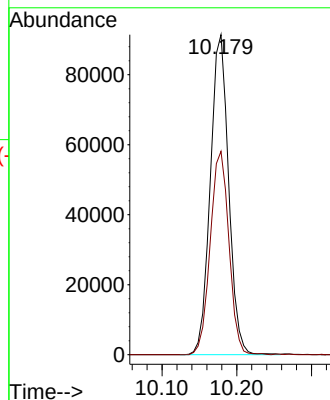
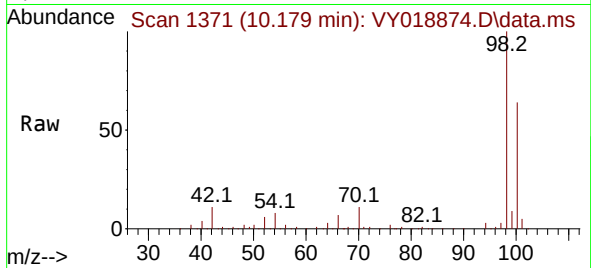




#50
Toluene-d8
Concen: 48.023 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

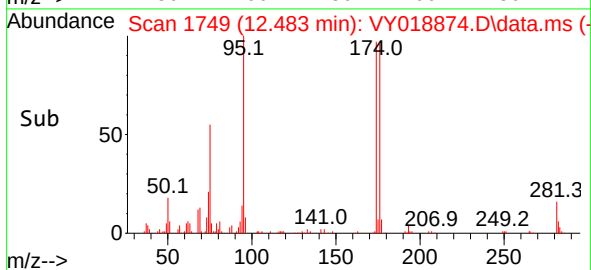
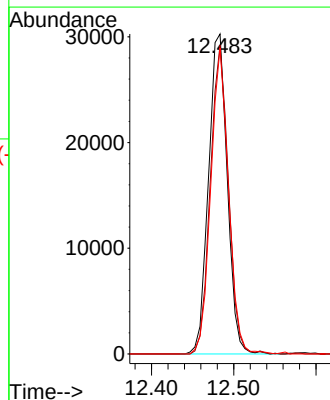
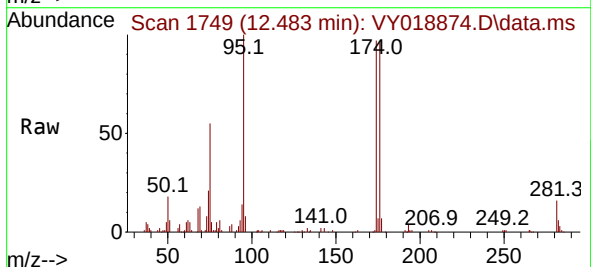
Instrument :
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VY0719SBL01

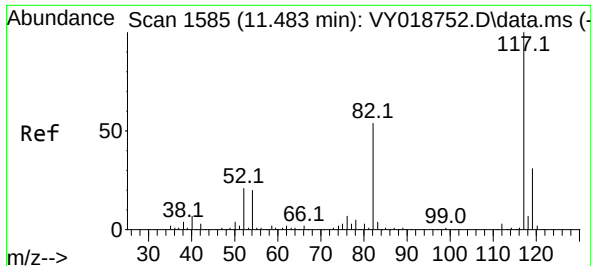
Tgt Ion: 98 Resp: 155437
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.474 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

Tgt Ion: 95 Resp: 48054
Ion Ratio Lower Upper
95 100
174 93.1 0.0 175.6
176 90.5 0.0 171.4

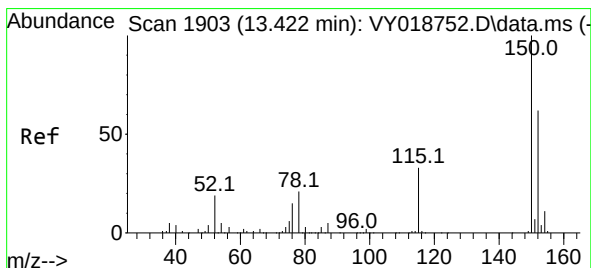
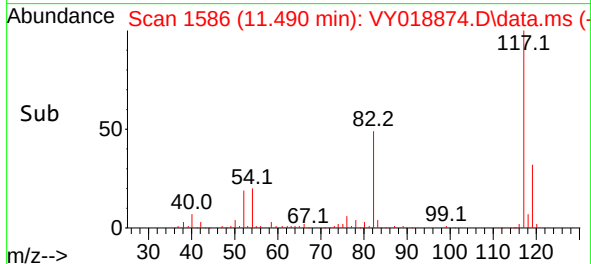
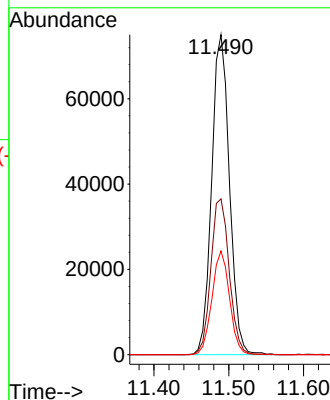
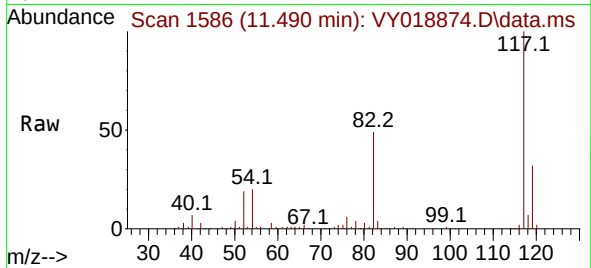




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY0719SBL01

Tgt Ion:117 Resp: 124318
Ion Ratio Lower Upper
117 100
82 48.7 42.4 63.6
119 32.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

Tgt Ion:152 Resp: 48762
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 156.7 0.0 345.6

