

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061824\
 Data File : VY018629.D
 Acq On : 18 Jun 2024 14:02
 Operator : SY/MD
 Sample : P2880-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-06132024RE

Quant Time: Jun 19 02:02:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	37248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	66292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	52074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16687	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	17795	47.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.900%
35) Dibromofluoromethane	7.704	113	19736	48.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.600%
50) Toluene-d8	10.173	98	74531	47.925	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.860%
62) 4-Bromofluorobenzene	12.477	95	17749	36.143	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.280%

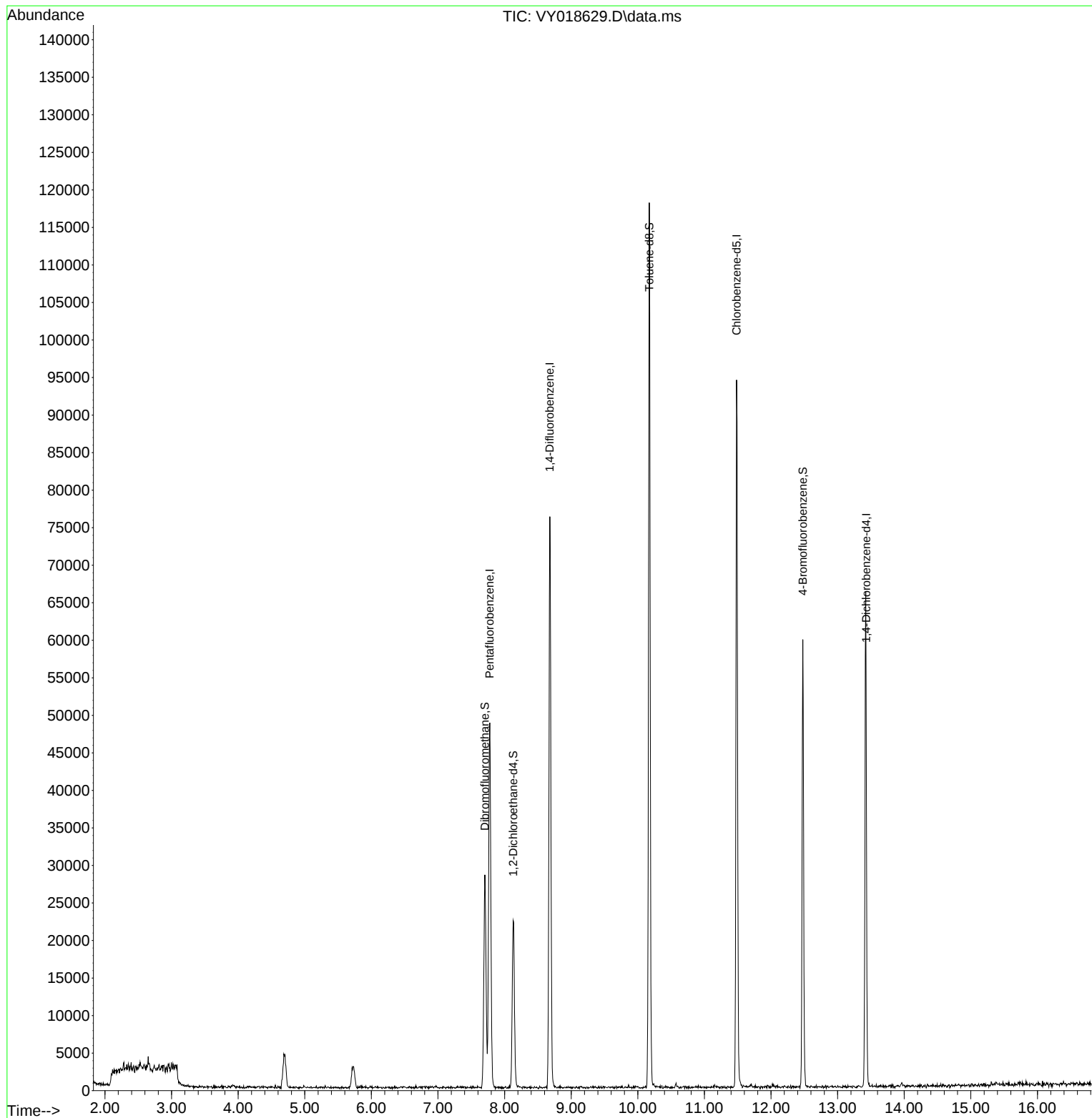
Target Compounds	Qvalue

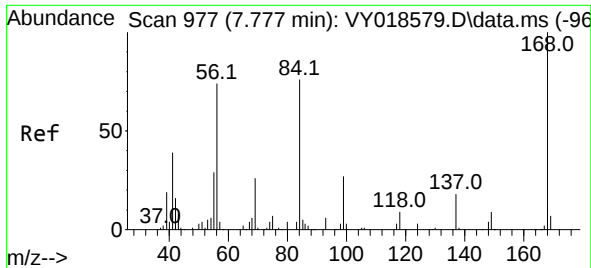
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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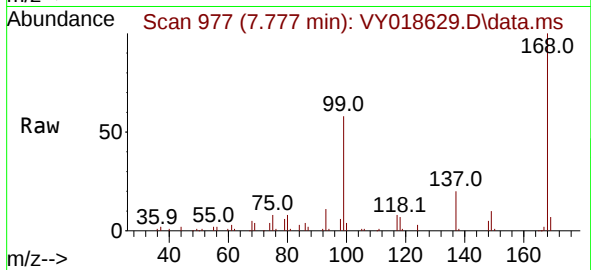
Quant Time: Jun 19 02:02:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
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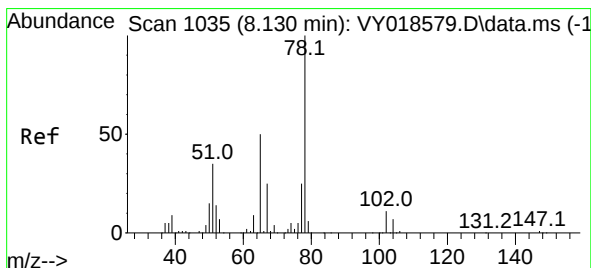
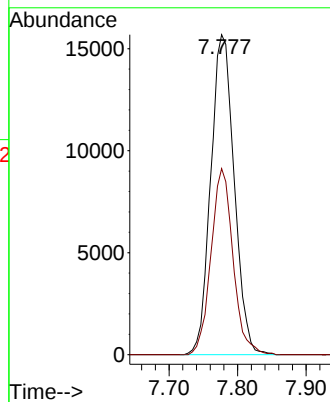
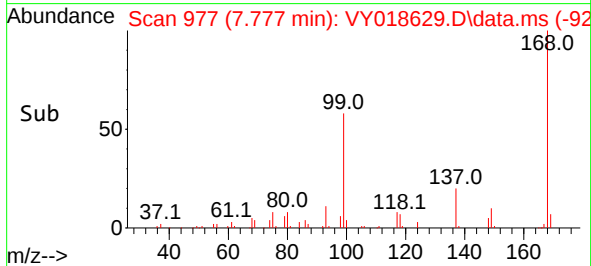


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-06132024RE

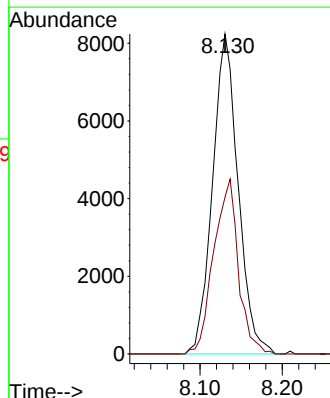
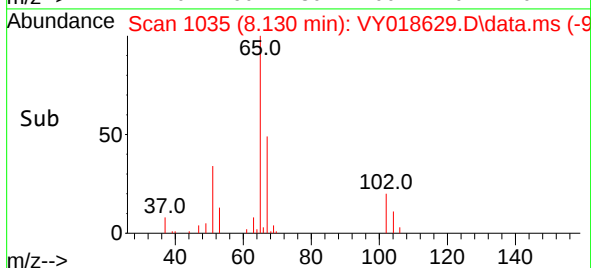
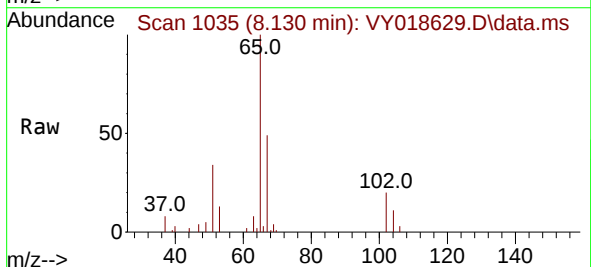


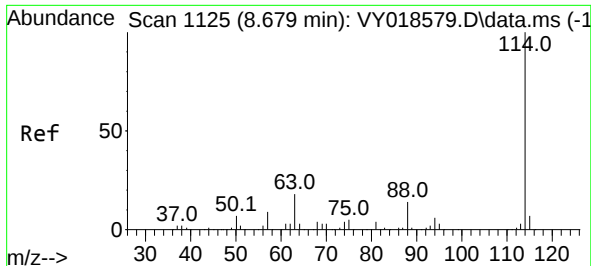
Tgt Ion:168 Resp: 37248
Ion Ratio Lower Upper
168 100
99 58.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.452 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

Tgt Ion: 65 Resp: 17795
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6

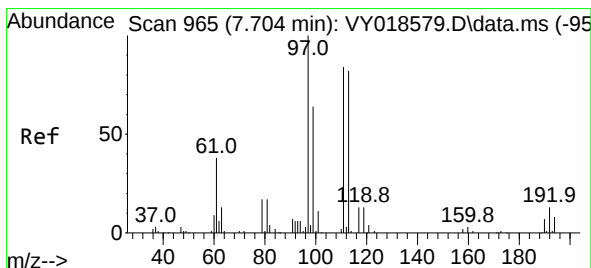
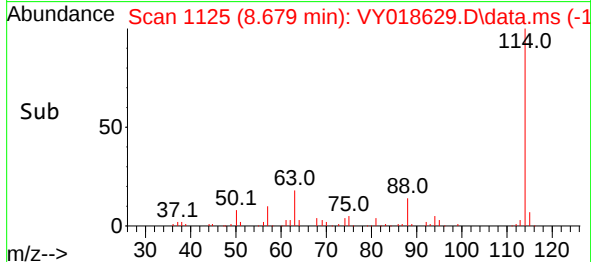
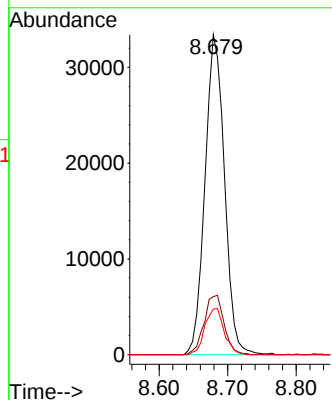
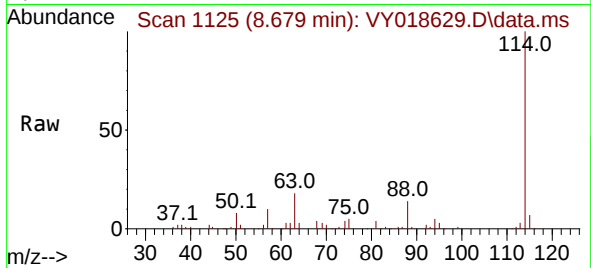




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

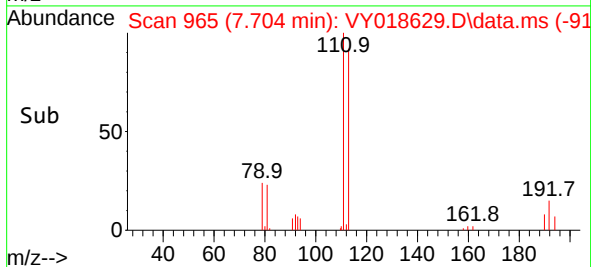
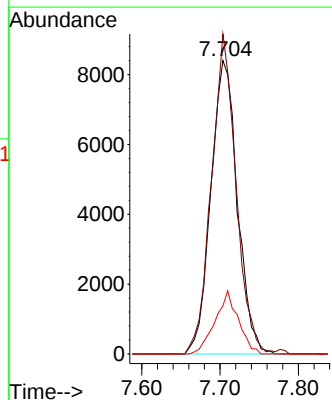
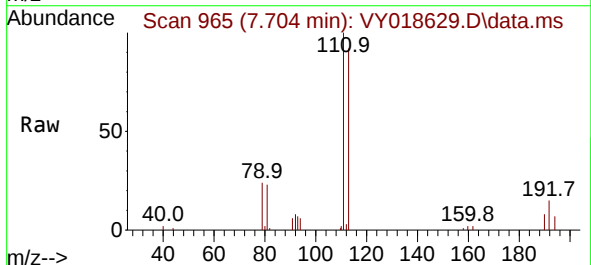
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-06132024RE

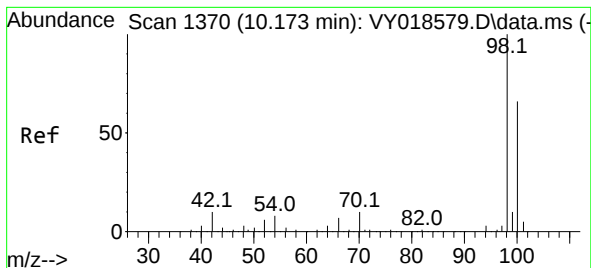
Tgt Ion:	114	Resp:	66292
Ion Ratio	Lower	Upper	
114	100		
63	18.2	0.0	35.0
88	14.3	0.0	27.2



#35
Dibromofluoromethane
Concen: 48.804 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

Tgt Ion:	113	Resp:	19736
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.2	123.4
192	18.8	15.9	23.9





#50

Toluene-d8

Concen: 47.925 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018629.D

Acq: 18 Jun 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :

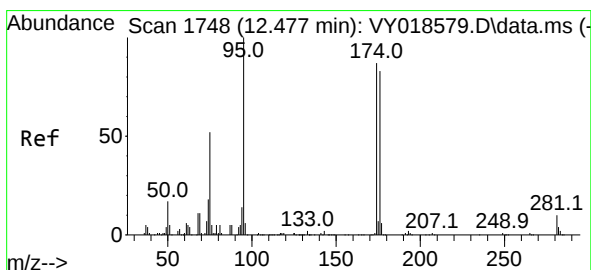
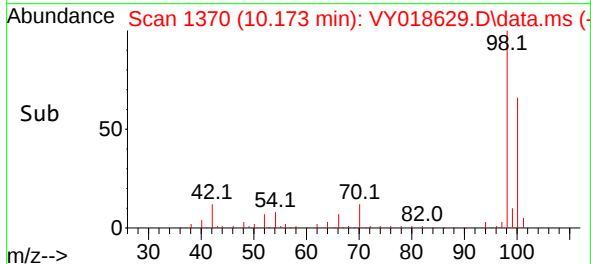
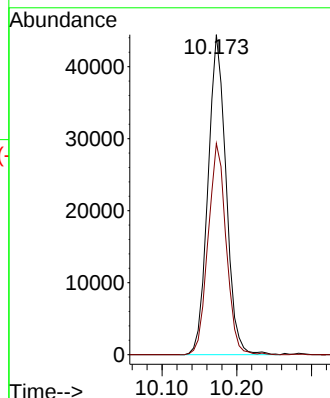
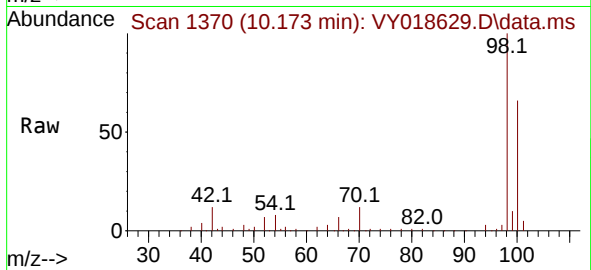
OR-03-06132024RE

Tgt Ion: 98 Resp: 74531

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 36.143 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018629.D

Acq: 18 Jun 2024 14:02

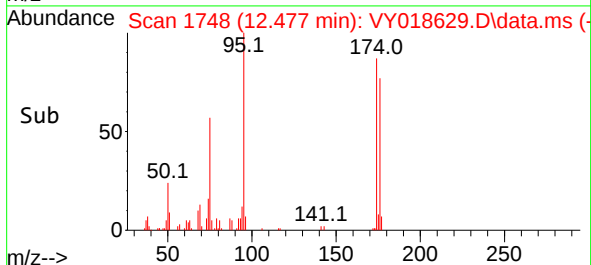
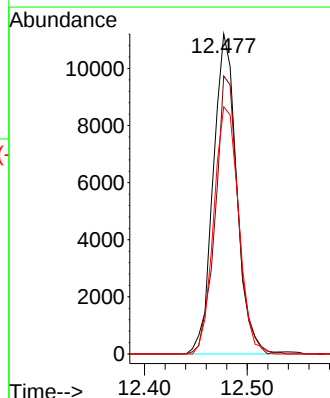
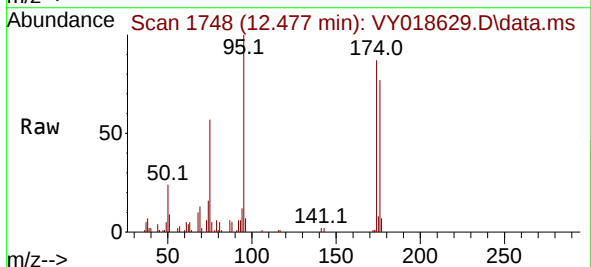
Tgt Ion: 95 Resp: 17749

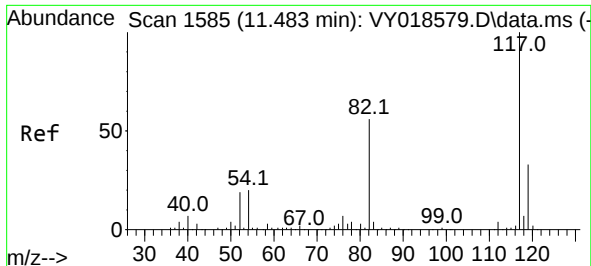
Ion Ratio Lower Upper

95 100

174 84.1 0.0 175.6

176 82.0 0.0 171.4

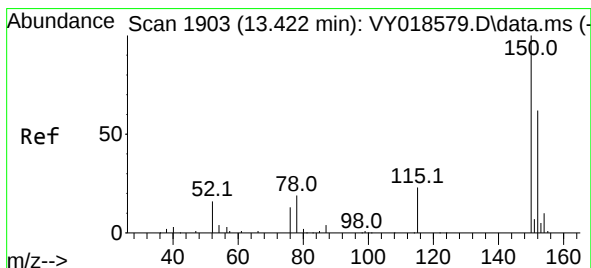
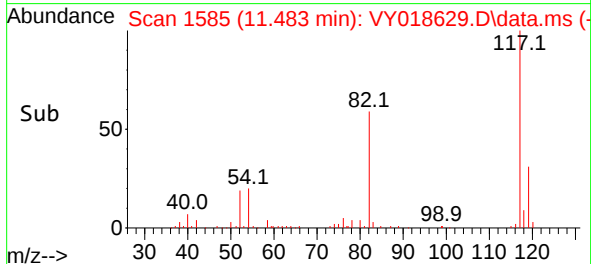
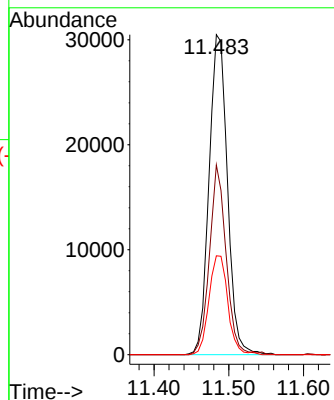
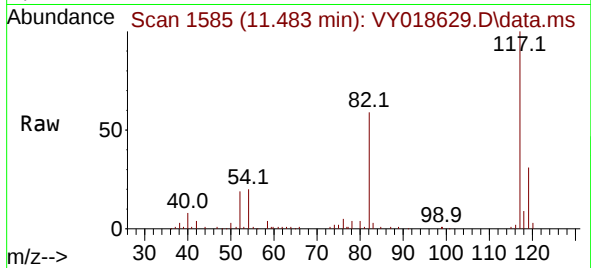




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018629.D
Acq: 18 Jun 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-06132024RE

Tgt Ion:117 Resp: 52074
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 30.9 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: VY018629.D
Acq: 18 Jun 2024 14:02

Tgt Ion:152 Resp: 16687
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 152.9 0.0 345.6

