

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018615.D
 Acq On : 17 Jun 2024 17:46
 Operator : SY/MD
 Sample : P2880-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-06132024

Quant Time: Jun 18 01:26:49 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	51324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	90858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	78674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29670	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	28611	55.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.740%
35) Dibromofluoromethane	7.704	113	27287	49.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.173	98	104657	49.101	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.200%
62) 4-Bromofluorobenzene	12.477	95	30842	45.824	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.640%

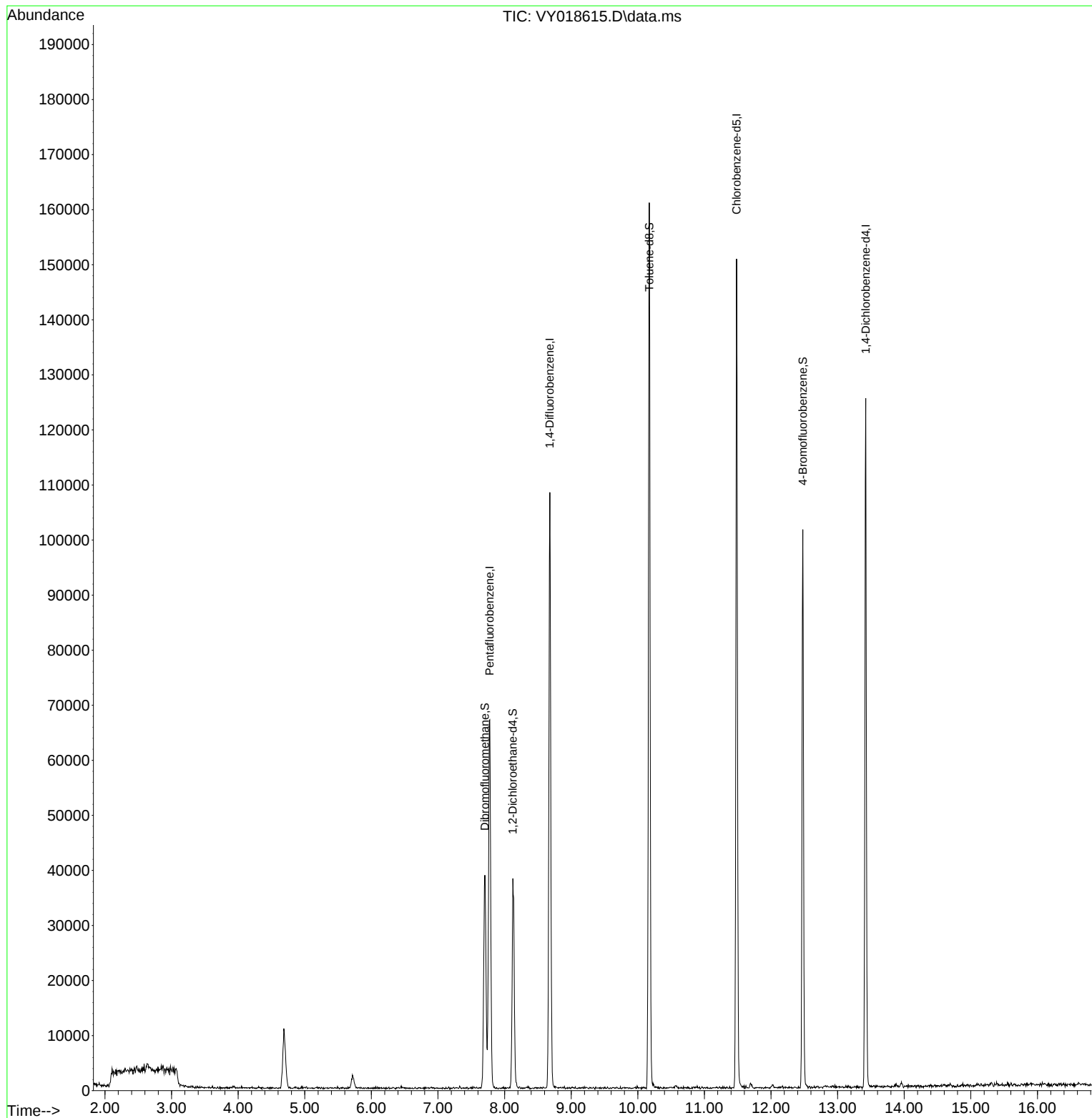
Target Compounds	Qvalue

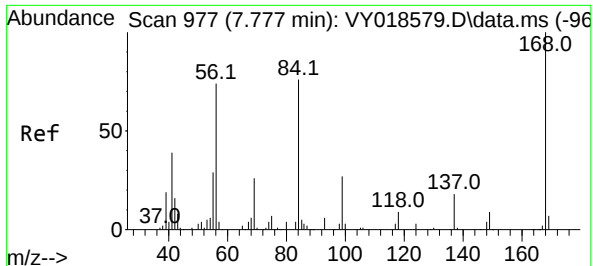
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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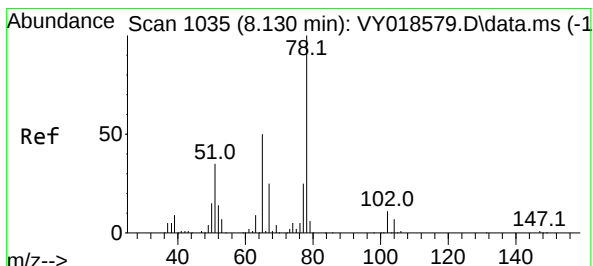
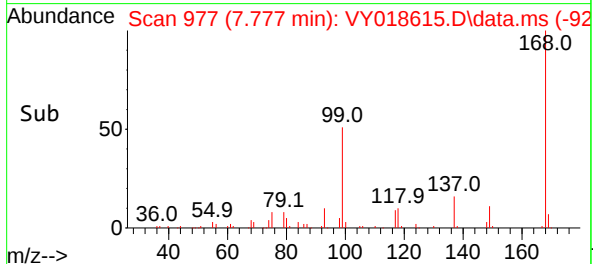
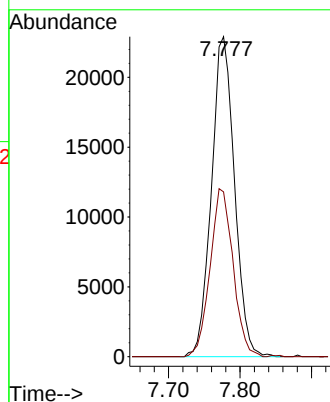
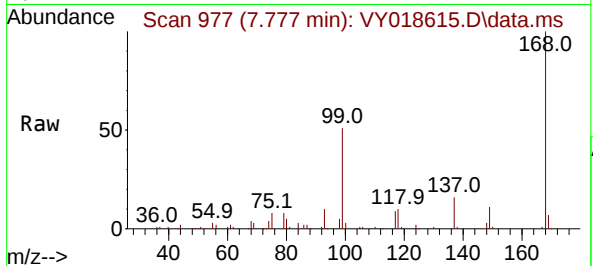




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

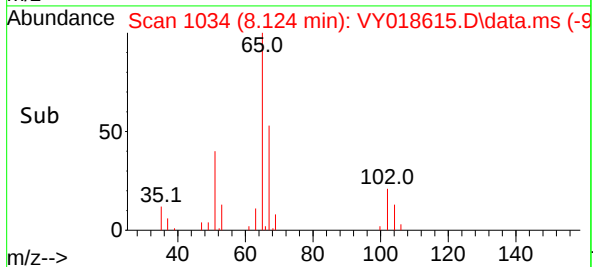
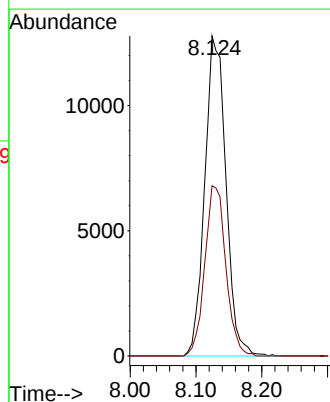
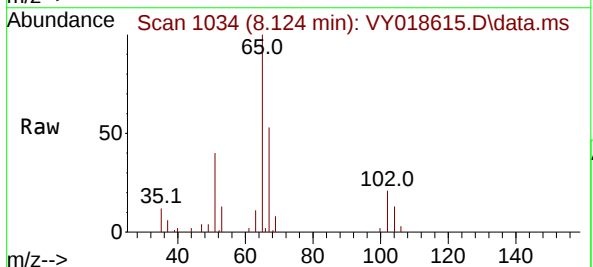
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-06132024

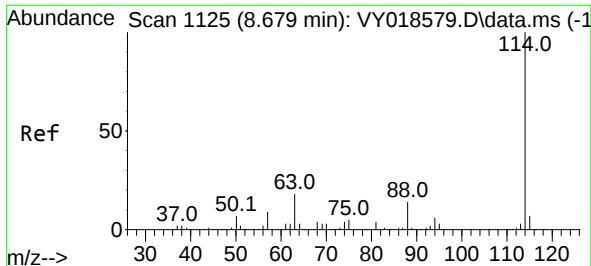
Tgt Ion:168 Resp: 51324
Ion Ratio Lower Upper
168 100
99 51.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 55.370 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

Tgt Ion: 65 Resp: 28611
Ion Ratio Lower Upper
65 100
67 52.9 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: VY018615.D

Acq: 17 Jun 2024 17:46

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-06132024

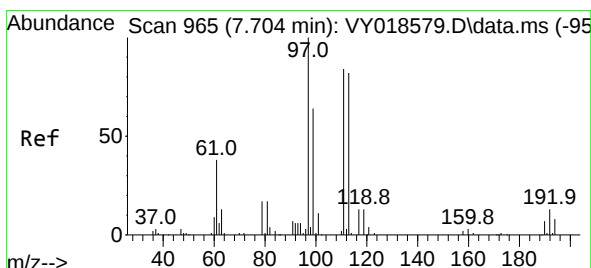
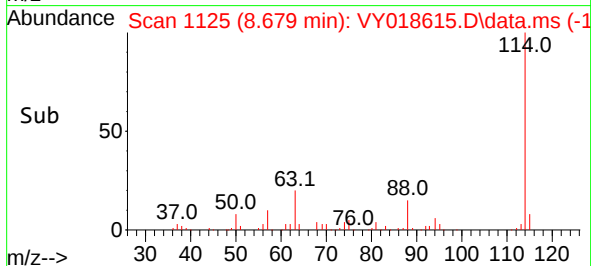
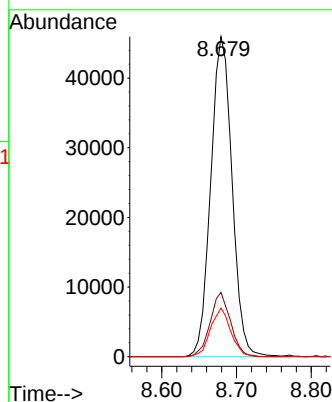
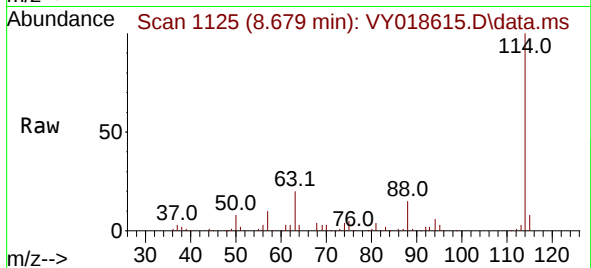
Tgt Ion:114 Resp: 90858

Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.232 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018615.D

Acq: 17 Jun 2024 17:46

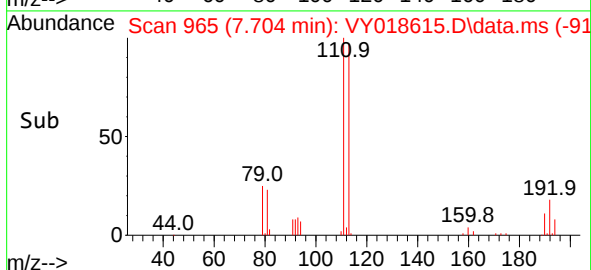
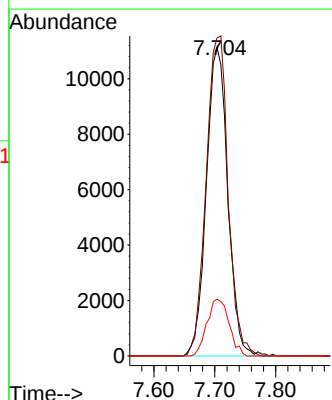
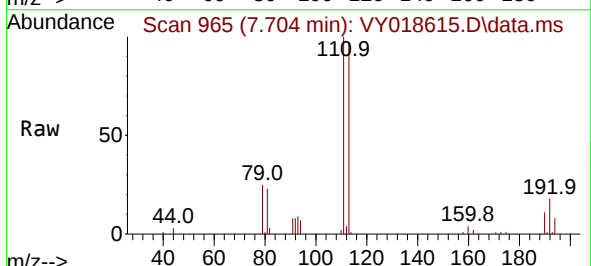
Tgt Ion:113 Resp: 27287

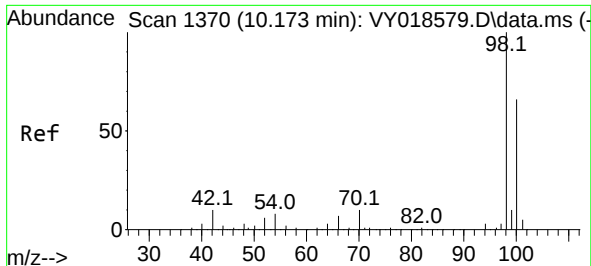
Ion Ratio Lower Upper

113 100

111 106.0 82.2 123.4

192 18.9 15.9 23.9

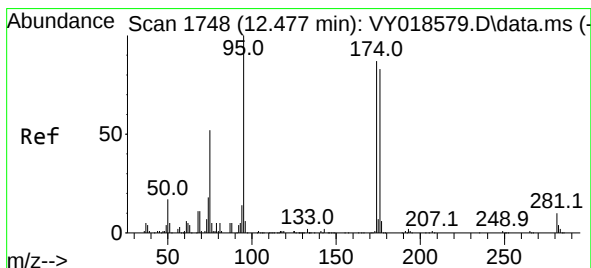
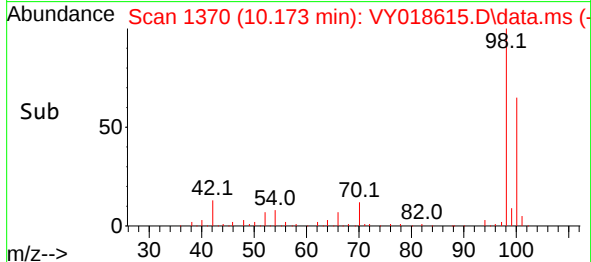
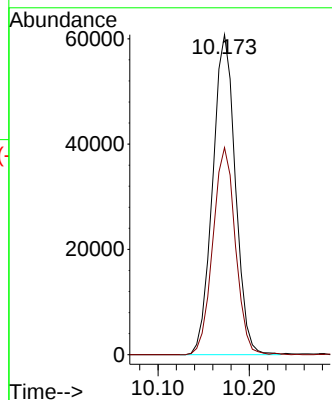
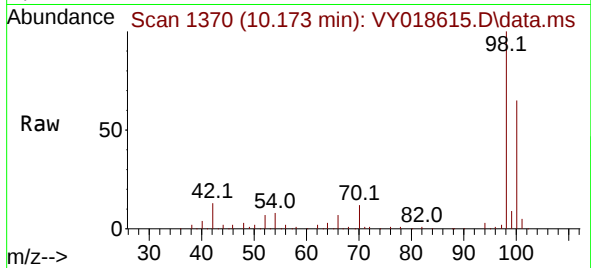




#50
Toluene-d8
Concen: 49.101 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

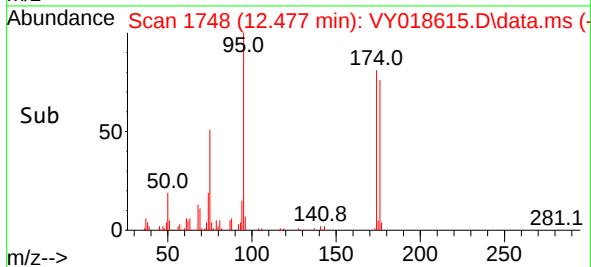
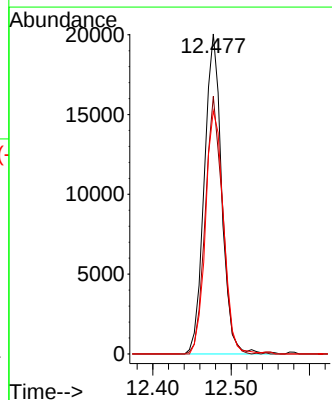
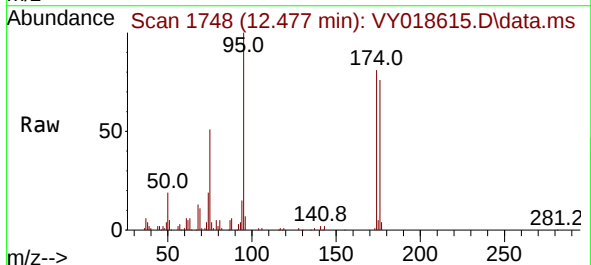
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MSVOA_Y
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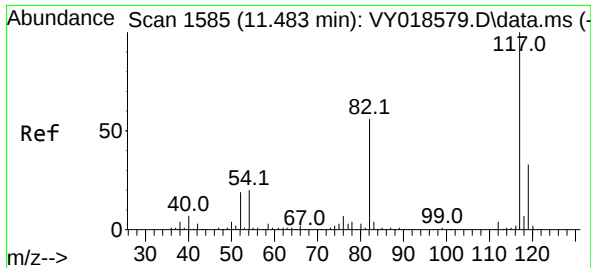
Tgt Ion: 98 Resp: 104657
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.824 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

Tgt Ion: 95 Resp: 30842
Ion Ratio Lower Upper
95 100
174 79.8 0.0 175.6
176 78.8 0.0 171.4

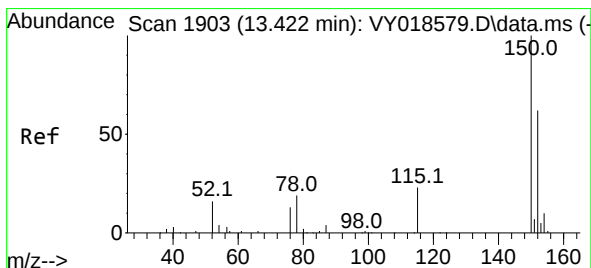
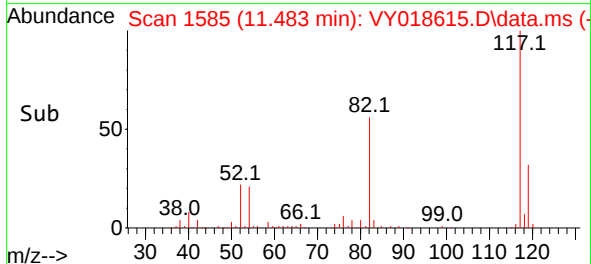
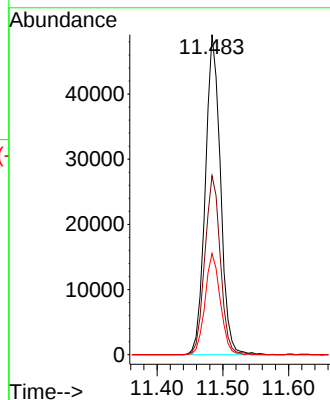
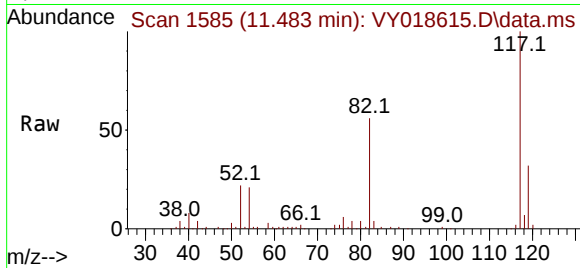




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018615.D
Acq: 17 Jun 2024 17:46

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-06132024

Tgt Ion:	117	Resp:	78674
Ion	Ratio	Lower	Upper
117	100		
82	56.0	42.4	63.6
119	31.6	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: VY018615.D
Acq: 17 Jun 2024 17:46

Tgt Ion:	152	Resp:	29670
Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.2	84.7
150	159.9	0.0	345.6

