

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020672.D
 Acq On : 20 Dec 2024 15:44
 Operator : SY/MD
 Sample : P5316-04
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-304-IDWSO-20241217-4

Quant Time: Dec 20 18:09:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

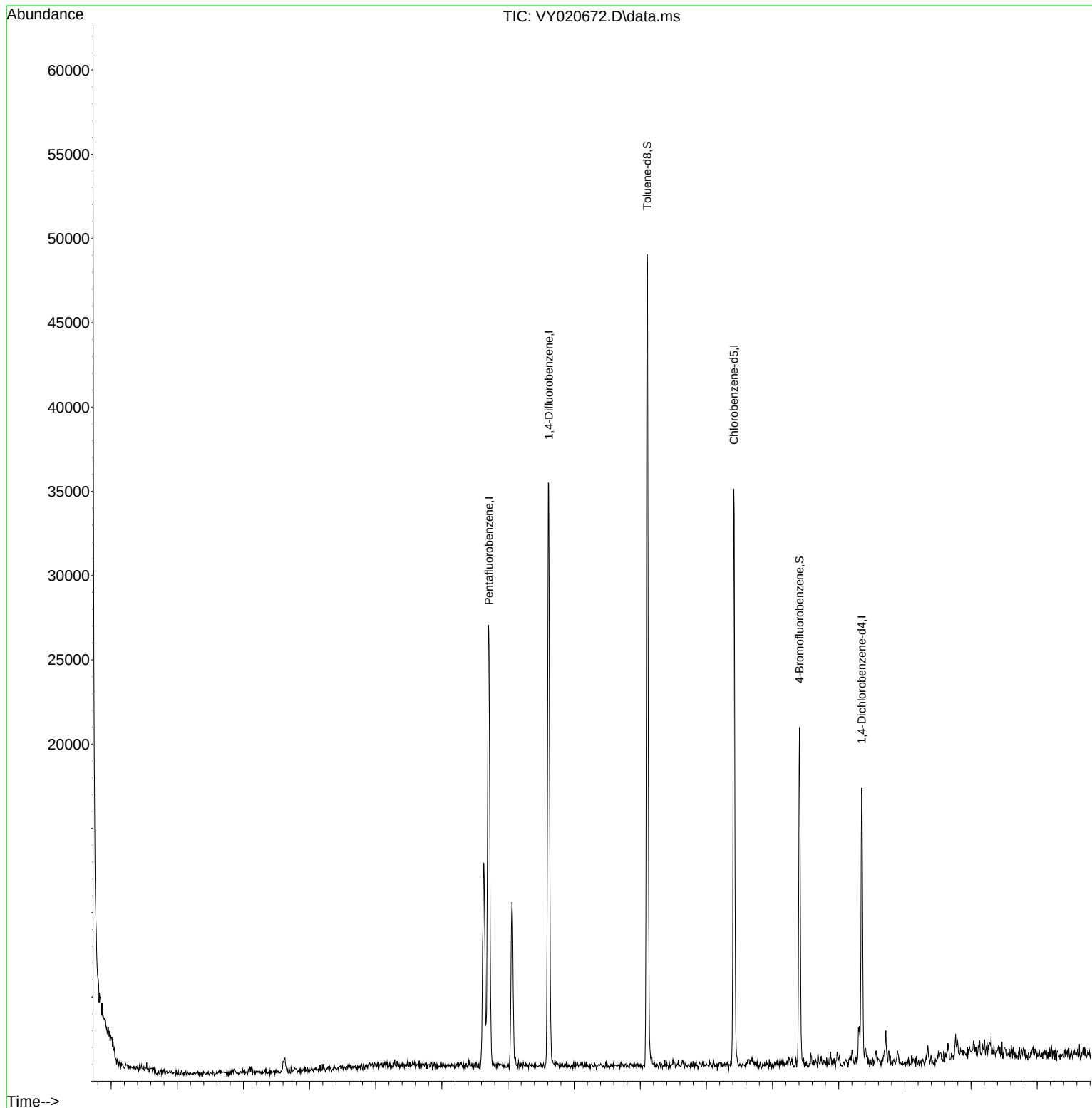
Internal Standards						
1) Pentafluorobenzene	7.713	168	21219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	29944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	18784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	4327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	8111	34.902	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	69.800%		
35) Dibromofluoromethane	7.640	113	9056	42.912	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.820%		
50) Toluene-d8	10.103	98	33418	45.241	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.480%		
62) 4-Bromofluorobenzene	12.408	95	6269	21.696	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	43.400%		
Target Compounds						
20) Methylene Chloride	4.622	84	717m	2.481	ug/l	Qvalue

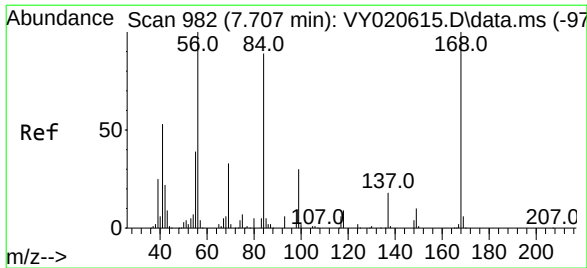
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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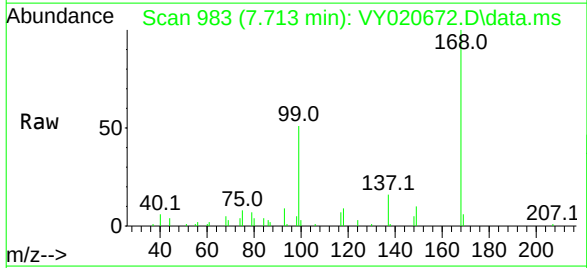
Quant Time: Dec 20 18:09:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
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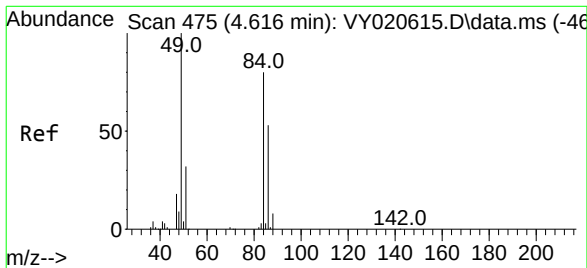
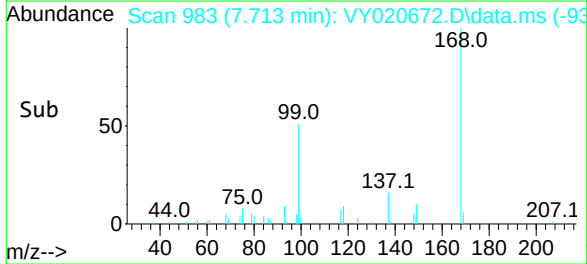
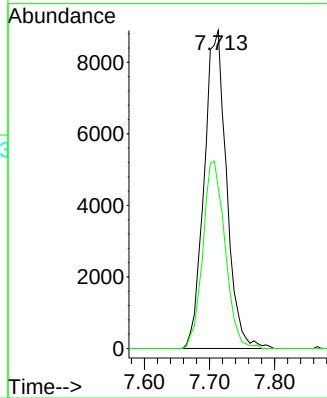


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

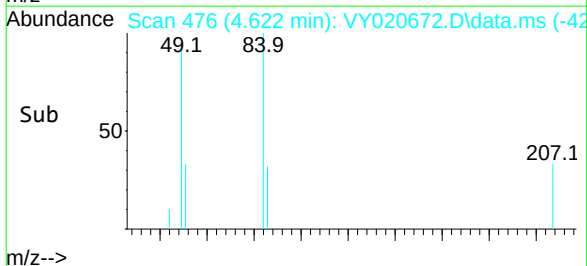
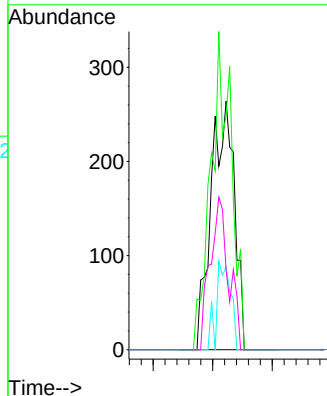
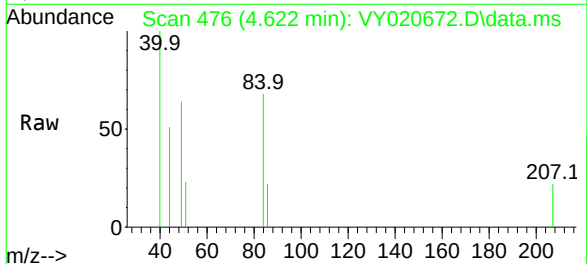


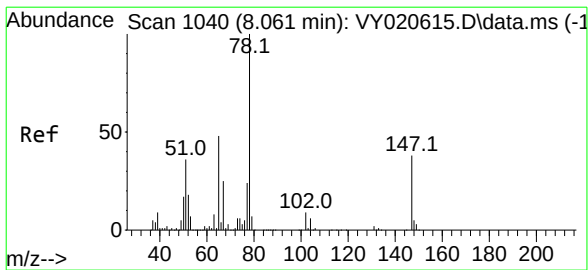
Tgt Ion:168 Resp: 21219
Ion Ratio Lower Upper
168 100
99 50.6 47.0 70.6



#20
Methylene Chloride
Concen: 2.481 ug/l m
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

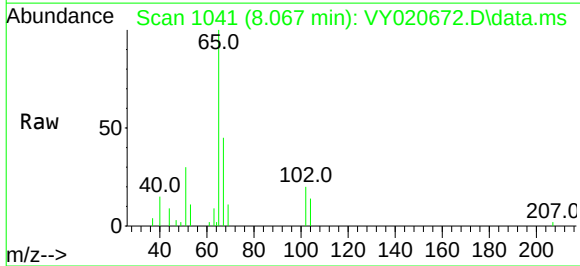
Tgt Ion: 84 Resp: 717
Ion Ratio Lower Upper
84 100
49 94.3 100.7 151.1#
51 33.3 32.2 48.2
86 31.8 53.0 79.6#



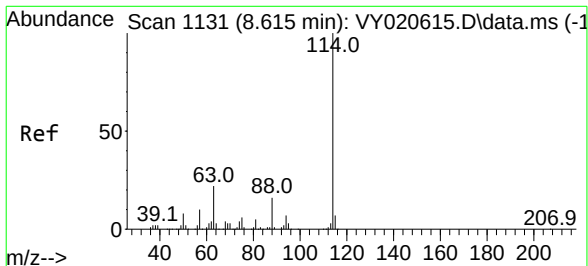
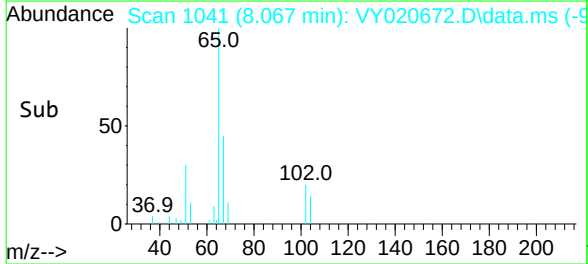
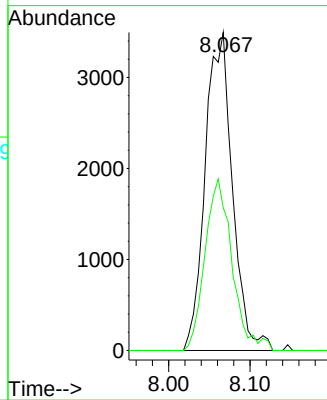


#33
 1,2-Dichloroethane-d4
 Concen: 34.902 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VY020672.D
 Acq: 20 Dec 2024 15:44

Instrument : MSVOA_Y
 ClientSampleId : TT-304-IDWSO-20241217-4

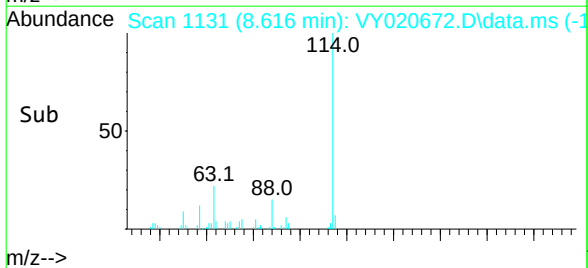
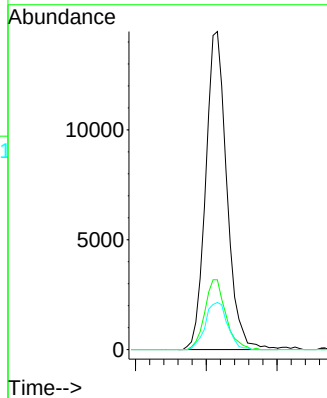
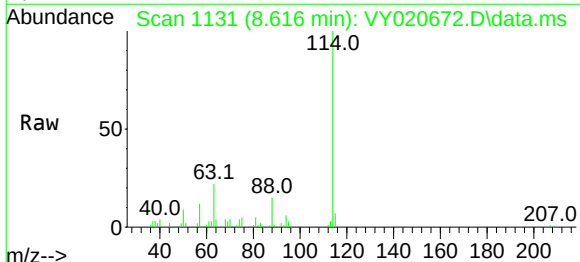


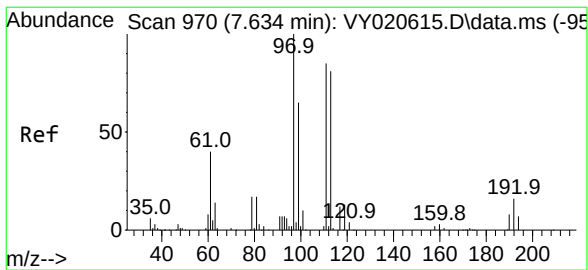
Tgt Ion: 65 Resp: 8111
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020672.D
 Acq: 20 Dec 2024 15:44

Tgt Ion: 114 Resp: 29944
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.0
 88 14.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 42.912 ug/l

RT: 7.640 min Scan# 97

Delta R.T. 0.006 min

Lab File: VY020672.D

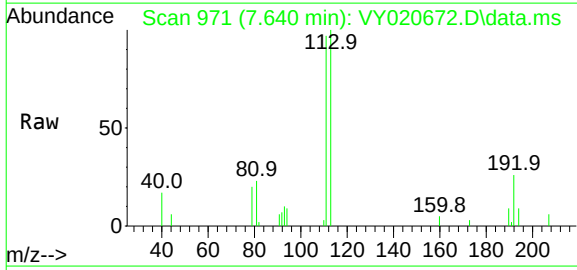
Acq: 20 Dec 2024 15:44

Instrument :

MSVOA_Y

ClientSampleId :

TT-304-IDWSO-20241217-4



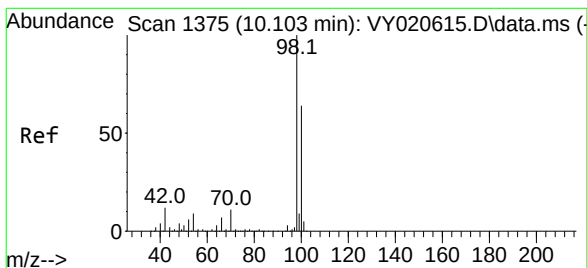
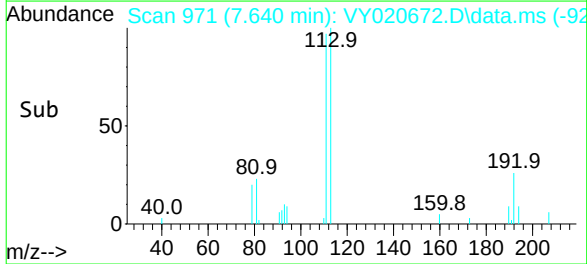
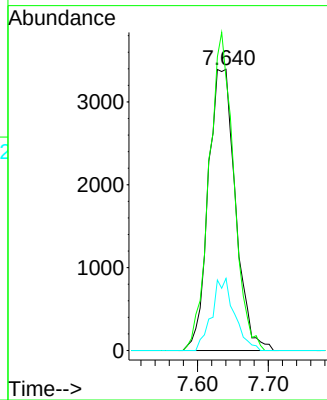
Tgt Ion:113 Resp: 9056

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 21.3 15.7 23.5



#50

Toluene-d8

Concen: 45.241 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020672.D

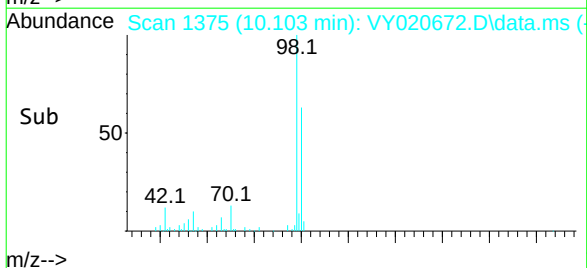
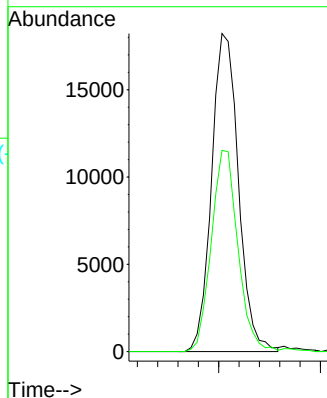
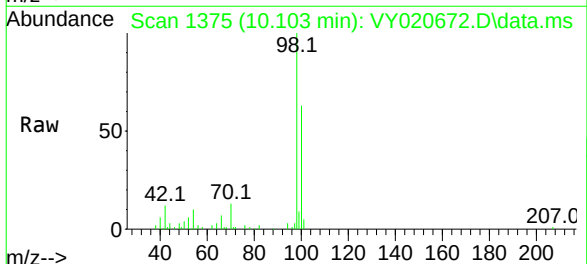
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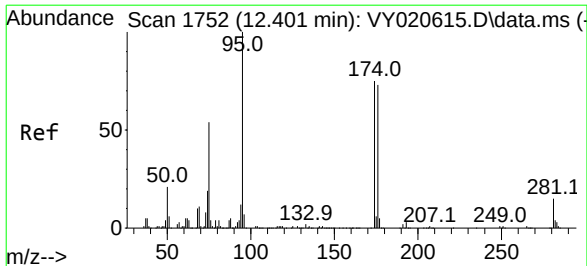
Tgt Ion: 98 Resp: 33418

Ion Ratio Lower Upper

98 100

100 63.2 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 21.696 ug/l

RT: 12.408 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VY020672.D

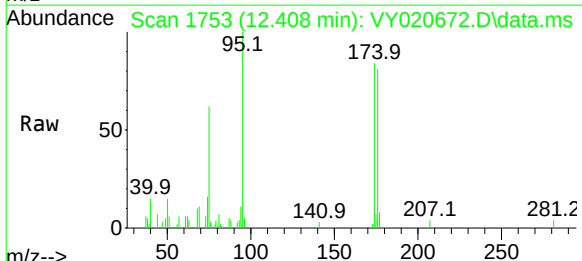
Acq: 20 Dec 2024 15:44

Instrument :

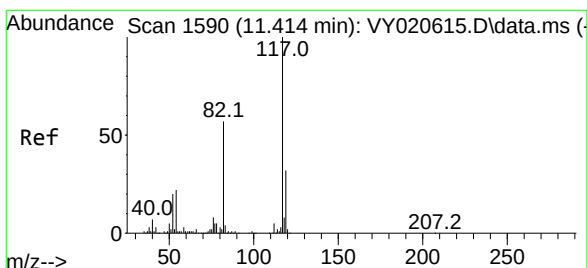
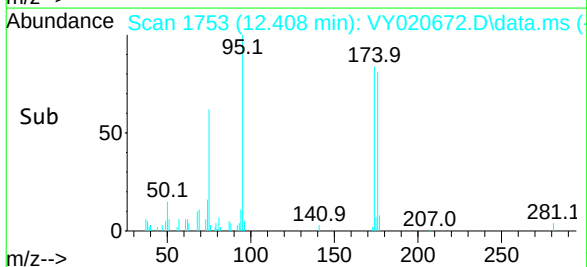
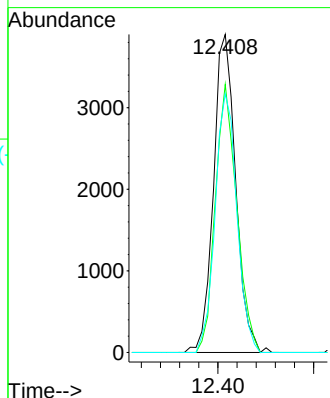
MSVOA_Y

ClientSampleId :

TT-304-IDWSO-20241217-4



Tgt Ion:	95	Resp:	6269
Ion	Ratio	Lower	Upper
95	100		
174	81.7	0.0	161.8
176	79.9	0.0	156.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

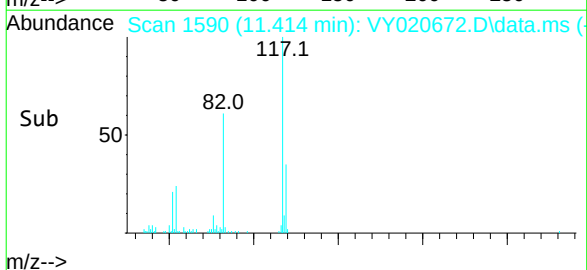
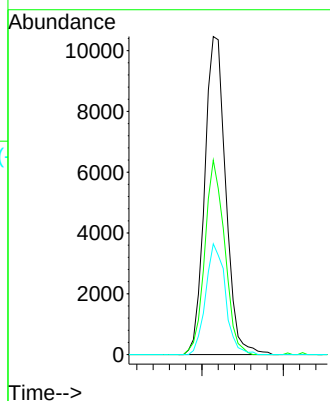
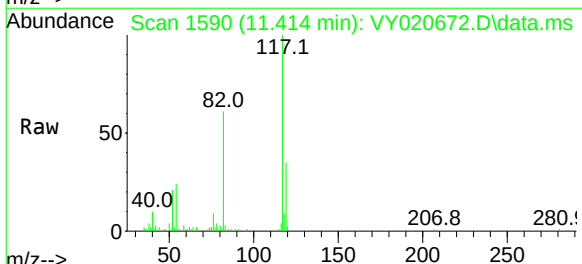
RT: 11.414 min Scan# 1590

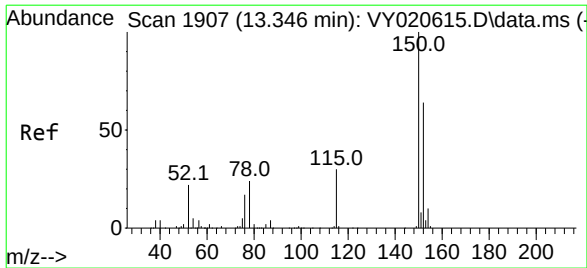
Delta R.T. 0.000 min

Lab File: VY020672.D

Acq: 20 Dec 2024 15:44

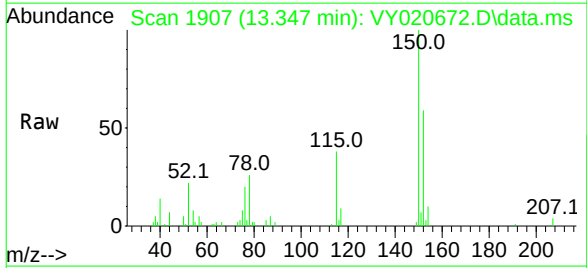
Tgt Ion:	117	Resp:	18784
Ion	Ratio	Lower	Upper
117	100		
82	61.1	45.8	68.6
119	34.8	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020672.D
 Acq: 20 Dec 2024 15:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-304-IDWSO-20241217-4



Tgt Ion:	152	Resp:	4327
Ion	Ratio	Lower	Upper
152	100		
115	64.4	30.2	90.6
150	167.4	0.0	355.4

