

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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2024
 Supervised By :Mahesh Dadoda 12/24/2024

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

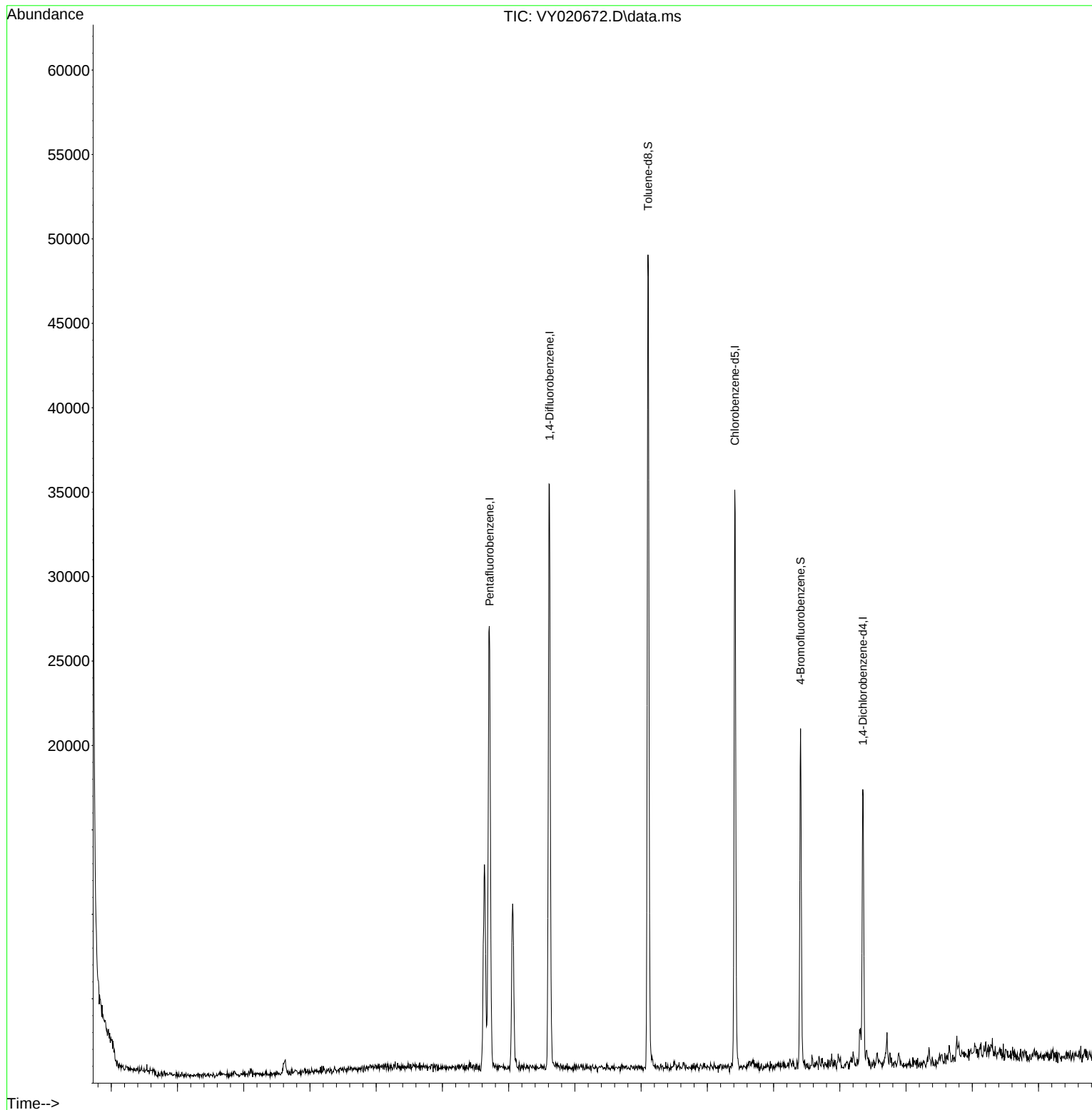
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
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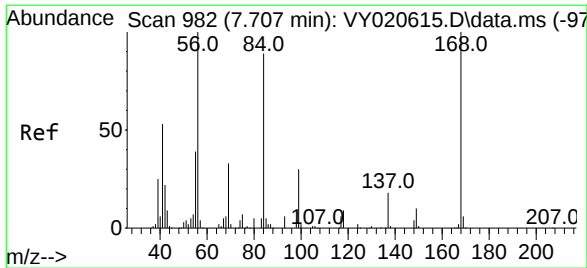
Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4

Quant Time: Dec 20 18:09:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
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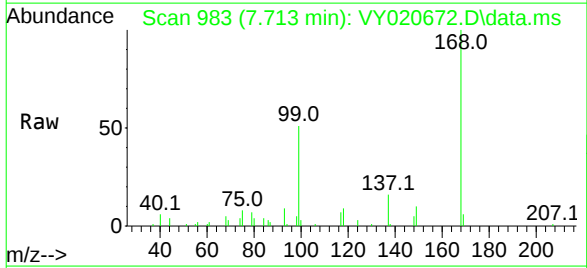
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/24/2024





#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

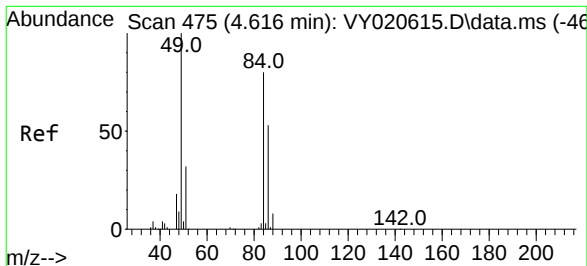
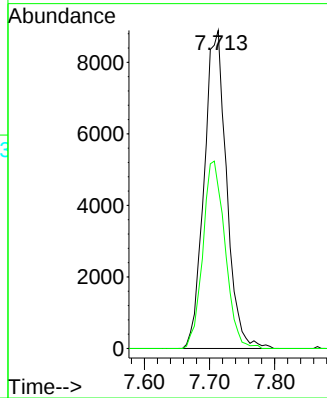
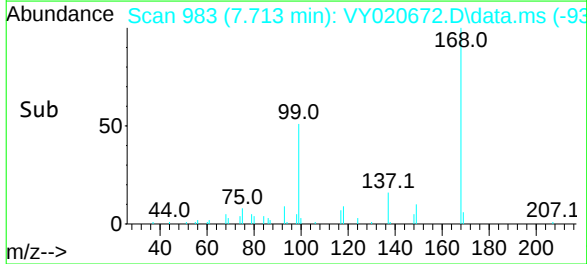
Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4



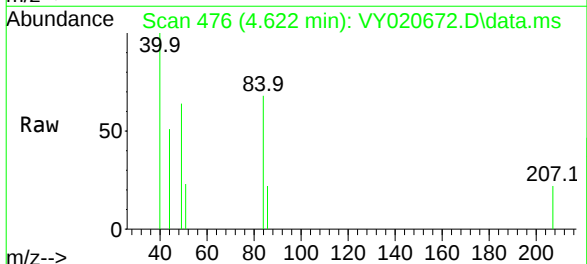
Tgt Ion:168 Resp: 21219
Ion Ratio Lower Upper
168 100
99 50.6 47.0 70.6

Manual Integrations
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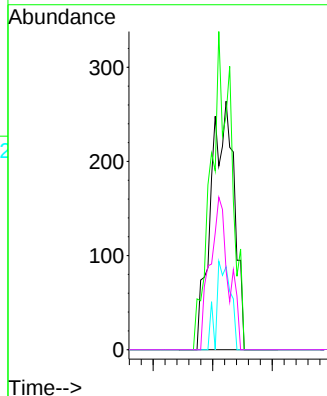
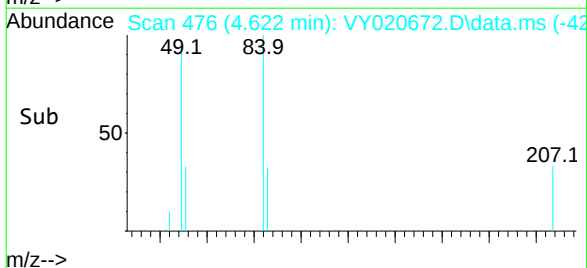
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Supervised By :Mahesh Dadoda 12/24/2024

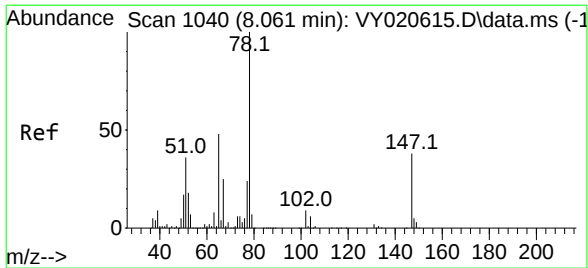


#20
Methylene Chloride
Concen: 2.481 ug/l m
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44



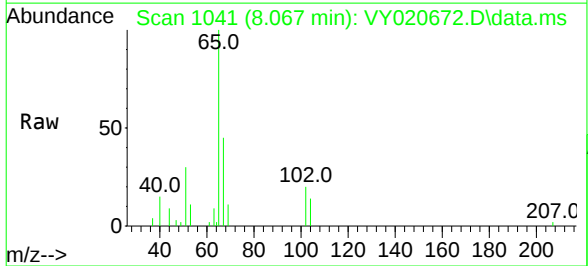
Tgt Ion: 84 Resp: 717
Ion Ratio Lower Upper
84 100
49 94.3 100.7 151.1#
51 33.3 32.2 48.2
86 31.8 53.0 79.6#





#33
1,2-Dichloroethane-d4
Concen: 34.902 ug/l
RT: 8.067 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44

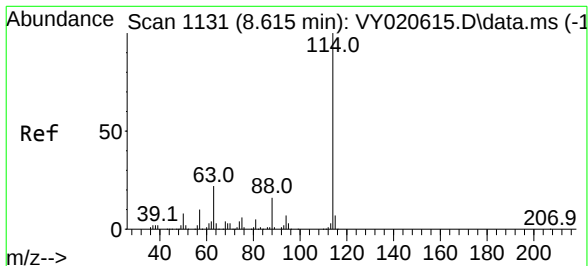
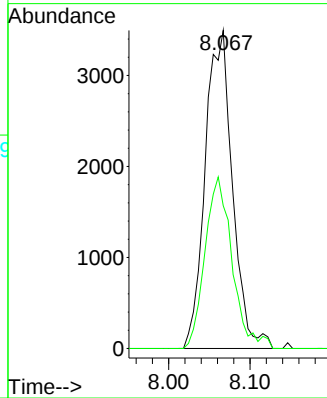
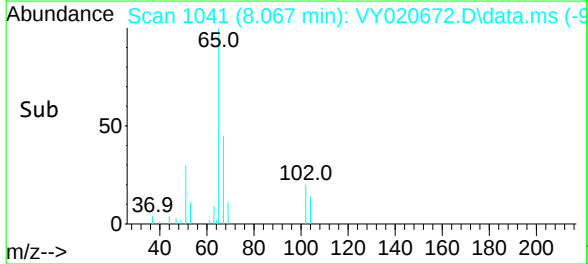
Instrument : MSVOA_Y
ClientSampleId : TT-304-IDWSO-20241217-4



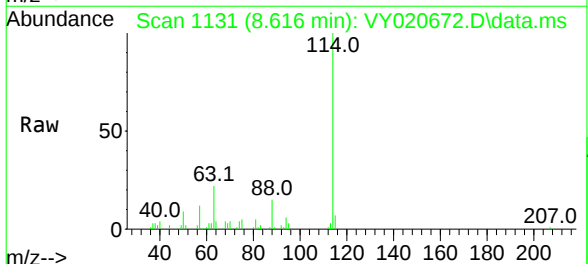
Tgt Ion: 65 Resp: 8111
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.0

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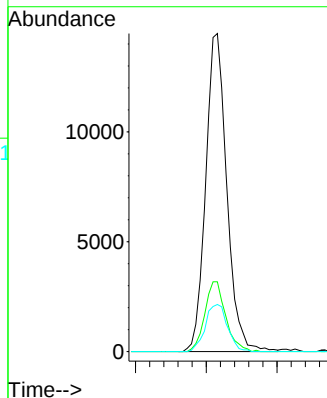
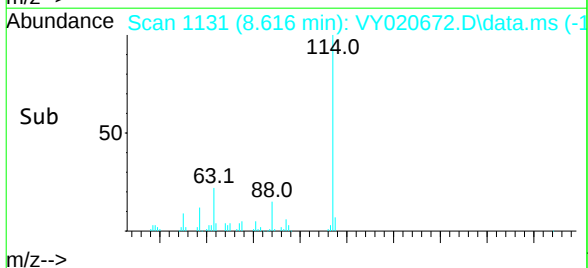
Reviewed By :Semsettin Yesilyurt 12/24/2024
Supervised By :Mahesh Dadoda 12/24/2024

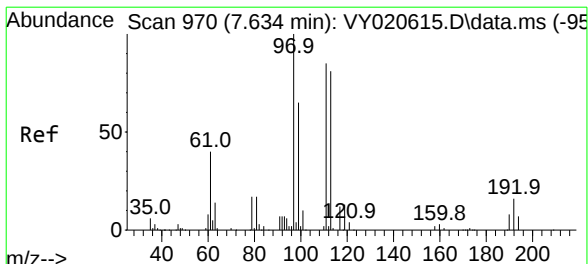


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44



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# 971

Delta R.T. 0.006 min

Lab File: VY020672.D

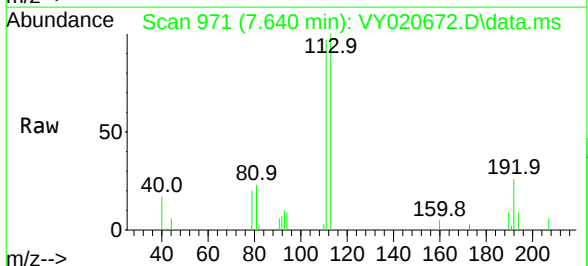
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Instrument :

MSVOA_Y

ClientSampleId :

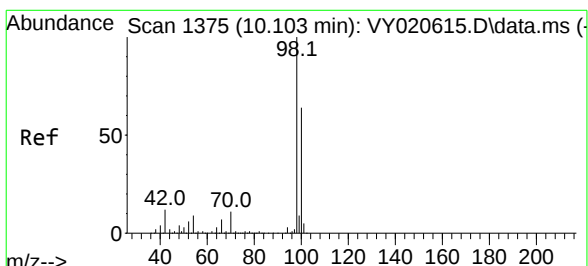
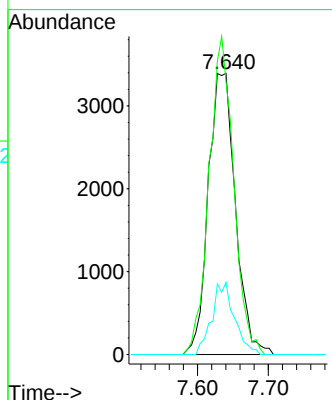
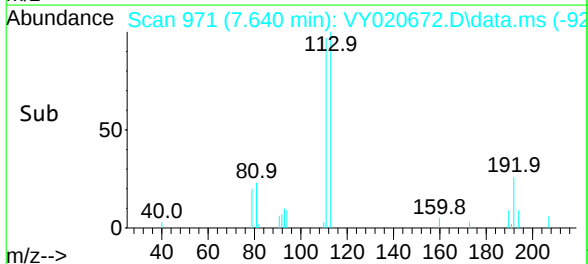
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Tgt Ion:	113	Resp:	9056
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	21.3	15.7	23.5

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#50

Toluene-d8

Concen: 45.241 ug/l

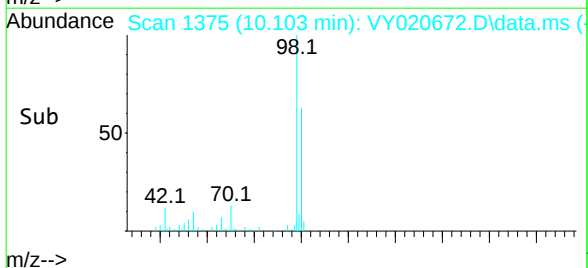
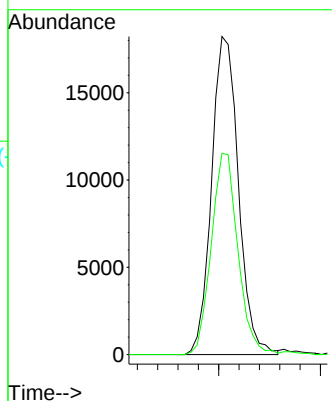
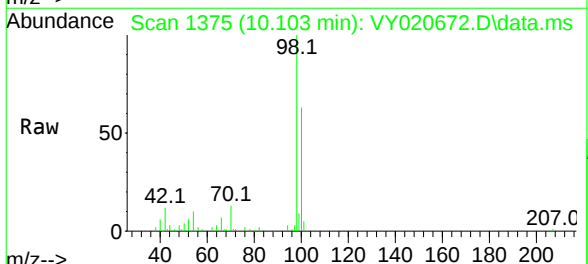
RT: 10.103 min Scan# 1375

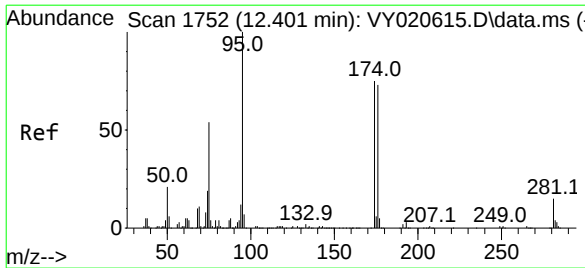
Delta R.T. 0.000 min

Lab File: VY020672.D

Acq: 20 Dec 2024 15:44

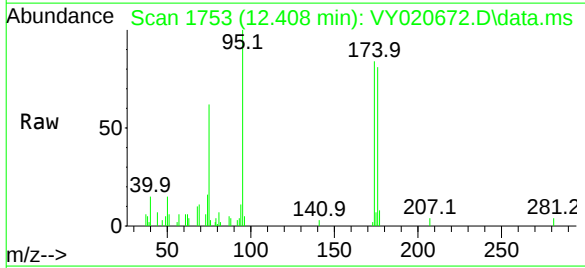
Tgt Ion:	98	Resp:	33418
Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.1	78.1





#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

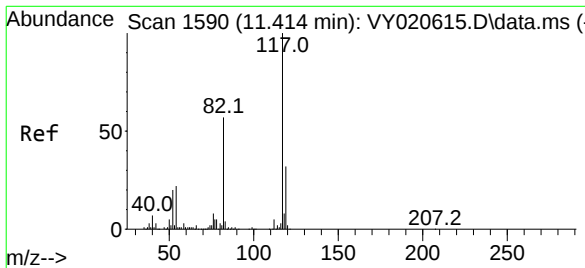
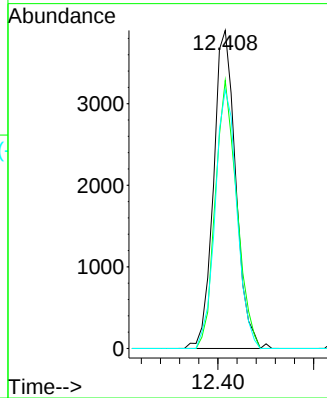
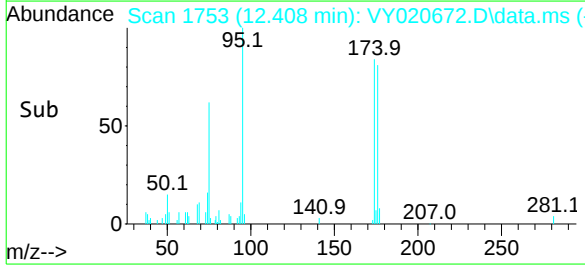
Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4



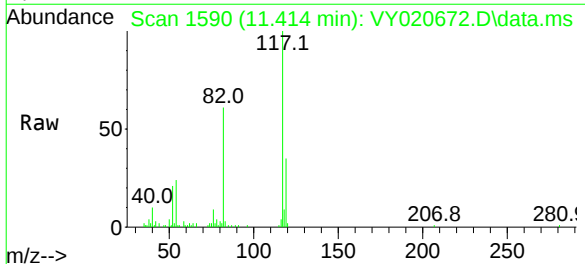
Tgt Ion: 95 Resp: 6269
Ion Ratio Lower Upper
95 100
174 81.7 0.0 161.8
176 79.9 0.0 156.6

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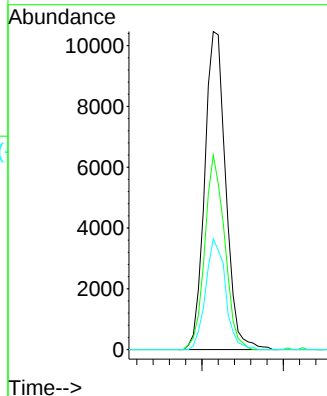
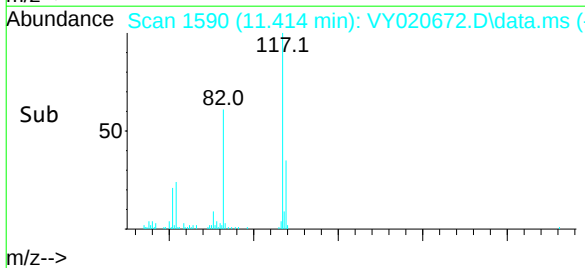
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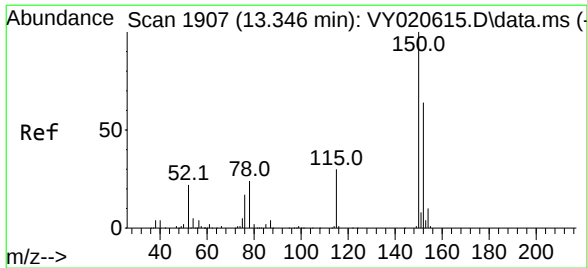


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020672.D
Acq: 20 Dec 2024 15:44



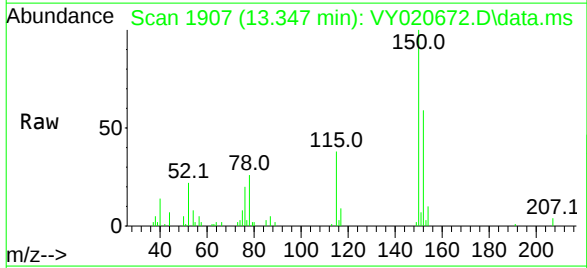
Tgt Ion:117 Resp: 18784
Ion Ratio Lower Upper
117 100
82 61.1 45.8 68.6
119 34.8 25.3 37.9





#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

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