

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007269.D
 Acq On : 24 Jan 2022 15:24
 Operator : SY/MD
 Sample : N1235-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/25/2022
 Supervised By : Mahesh Dadoda 01/25/2022

Quant Time: Jan 25 00:33:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	91304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	160399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66542	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	55342	49.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.800%
35) Dibromofluoromethane	7.722	113	56380	48.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.980%
50) Toluene-d8	10.185	98	207888	49.434	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.483	95	72135	48.221	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.440%

Target Compounds	Qvalue

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

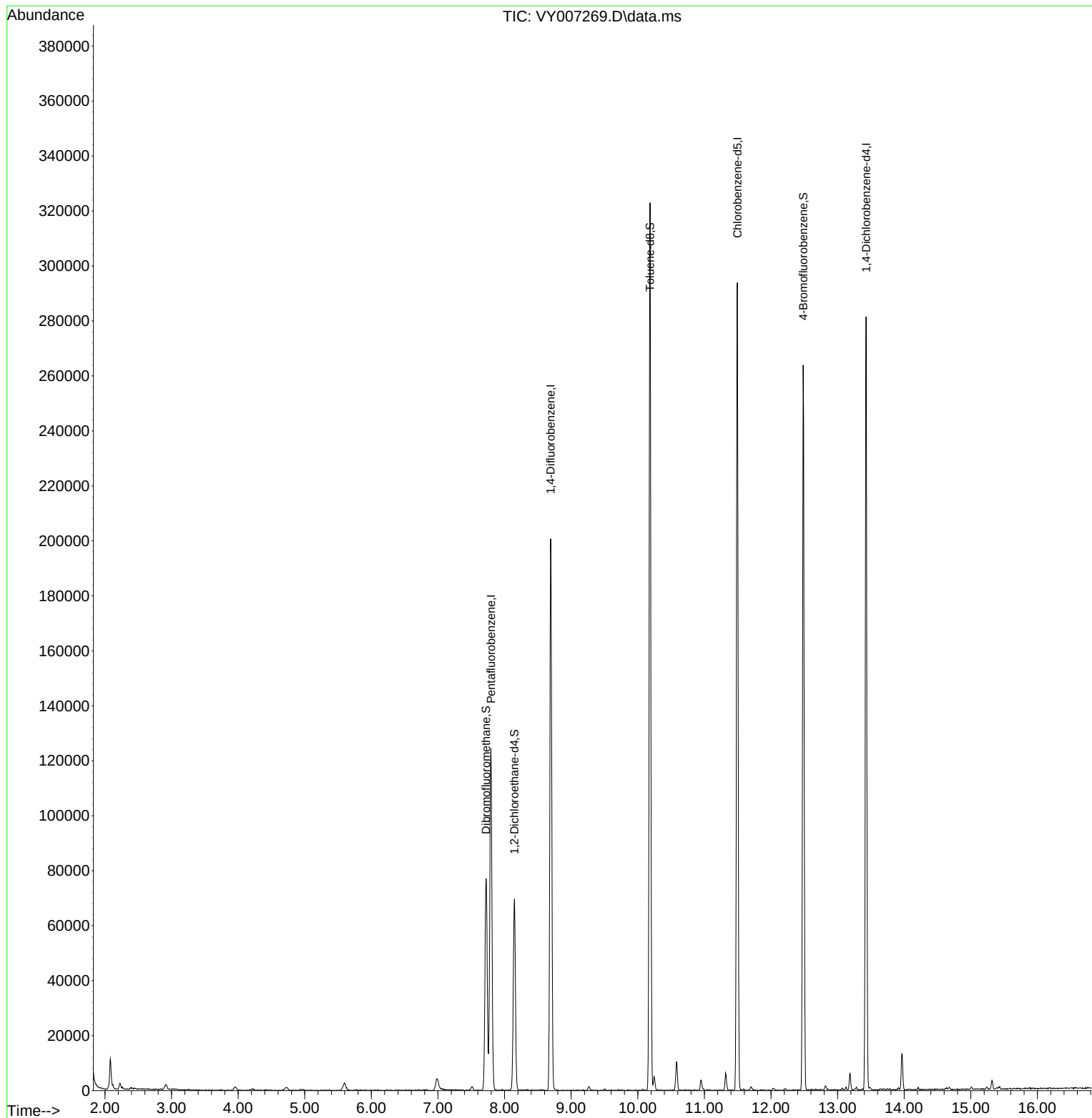
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
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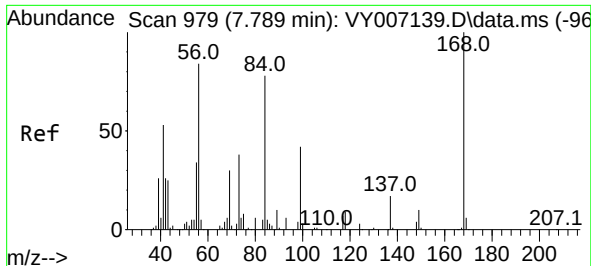
Instrument :
MSVOA_Y
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TP-1

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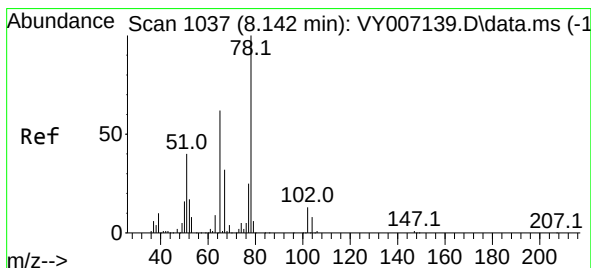
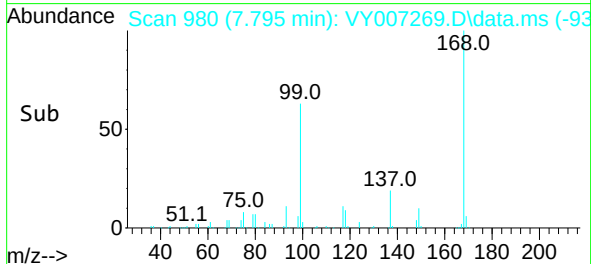
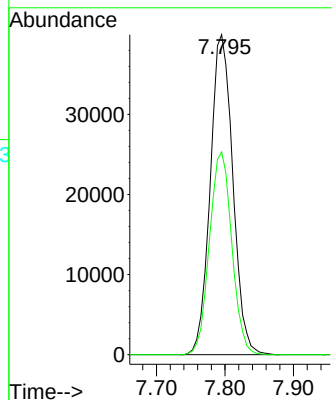
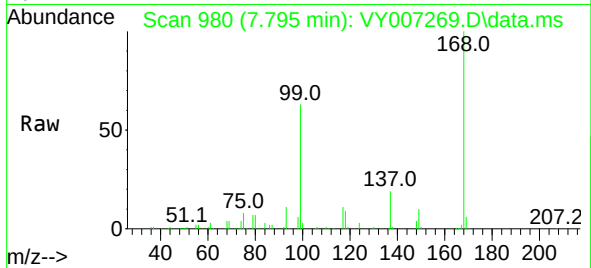
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007269.D
Acq: 24 Jan 2022 15:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 91304
Ion Ratio Lower Upper
168 100
99 63.4 49.1 73.7

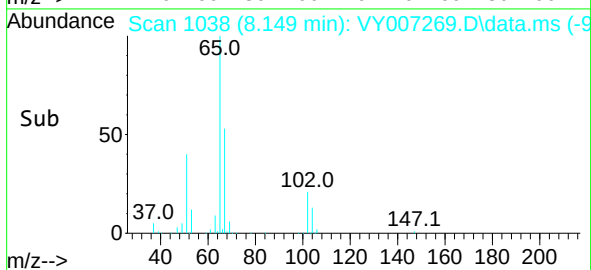
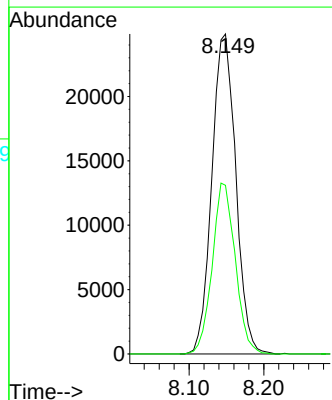
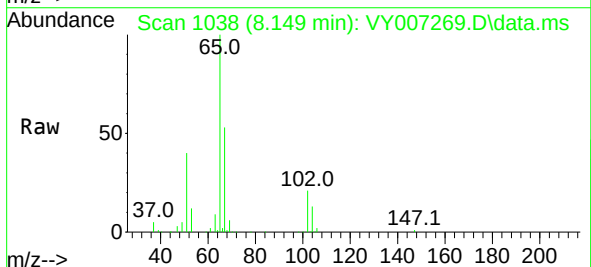
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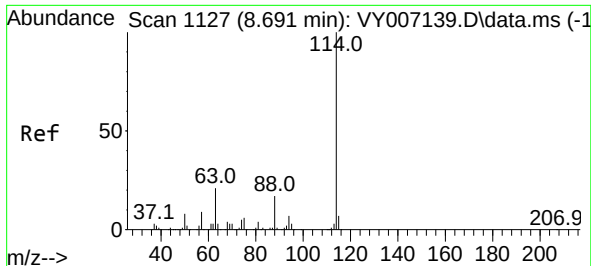
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#33
1,2-Dichloroethane-d4
Concen: 49.399 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY007269.D
Acq: 24 Jan 2022 15:24

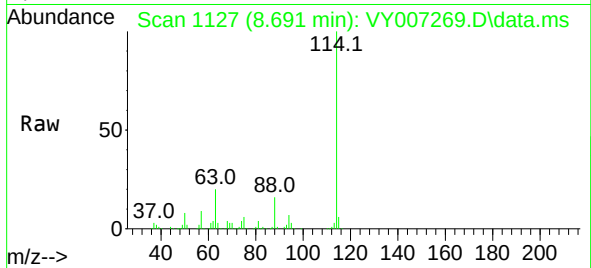
Tgt Ion: 65 Resp: 55342
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007269.D
Acq: 24 Jan 2022 15:24

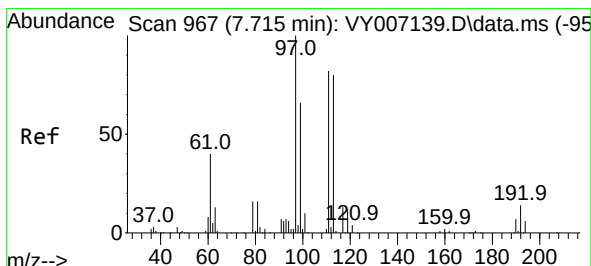
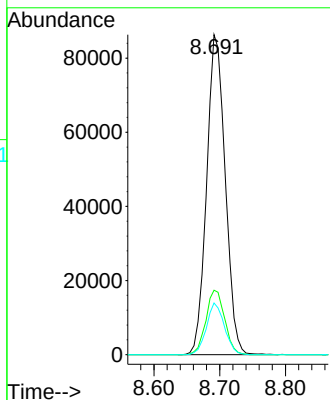
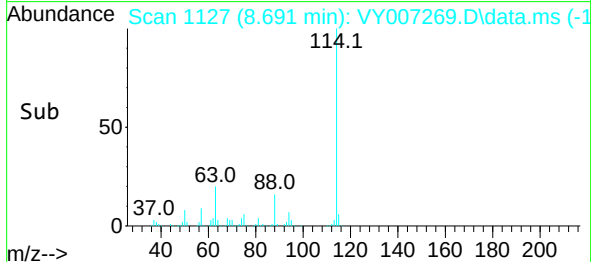
Instrument :
MSVOA_Y
ClientSampleId :
TP-1



Tgt Ion:114 Resp: 170208
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.2
88 16.2 0.0 31.0

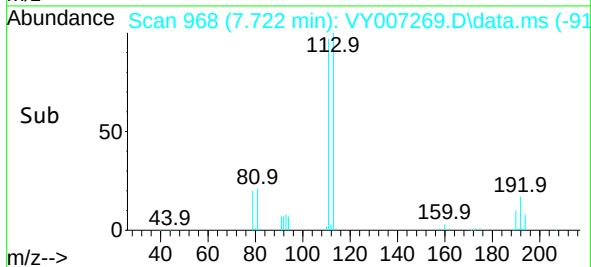
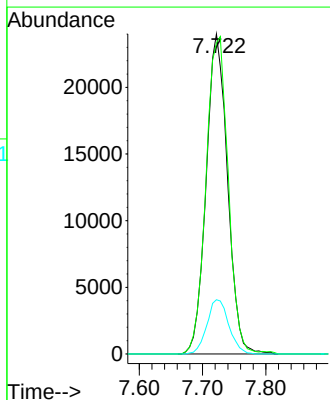
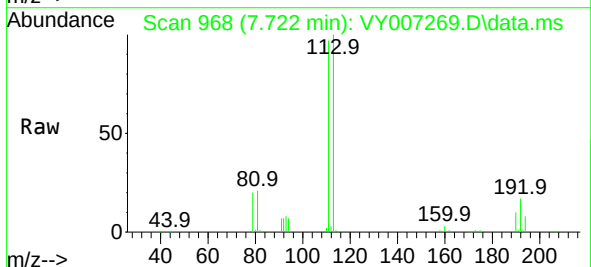
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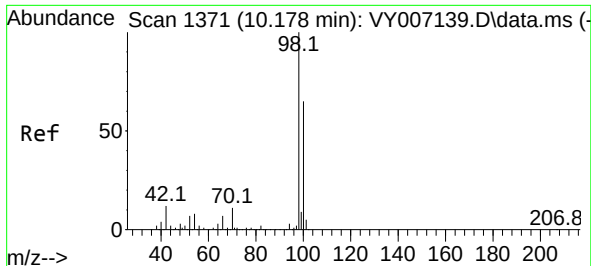
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#35
Dibromofluoromethane
Concen: 48.987 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY007269.D
Acq: 24 Jan 2022 15:24

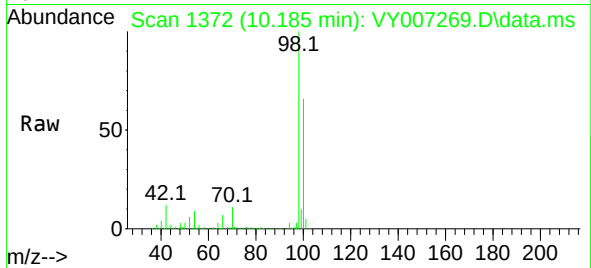
Tgt Ion:113 Resp: 56380
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 17.3 14.2 21.4





#50
Toluene-d8
Concen: 49.434 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY007269.D
Acq: 24 Jan 2022 15:24

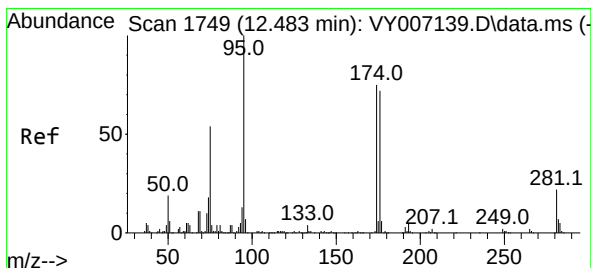
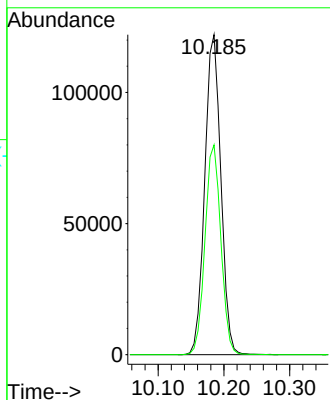
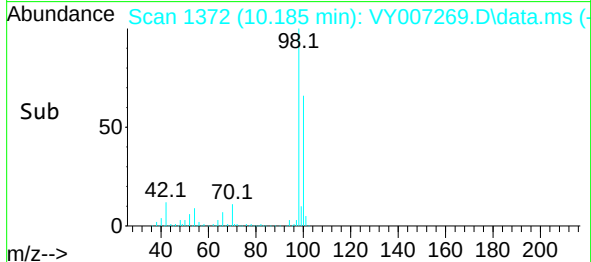
Instrument :
MSVOA_Y
ClientSampleId :
TP-1



Tgt Ion: 98 Resp: 20788
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2

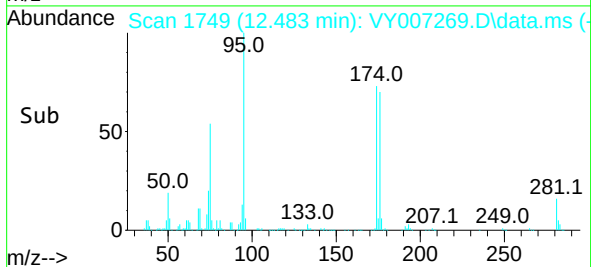
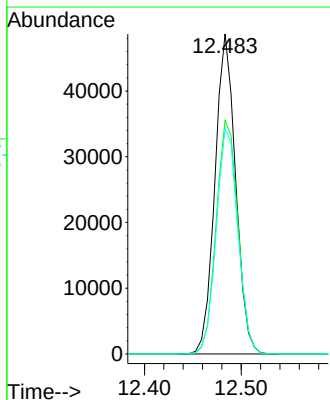
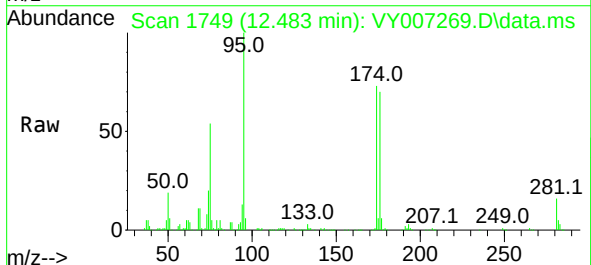
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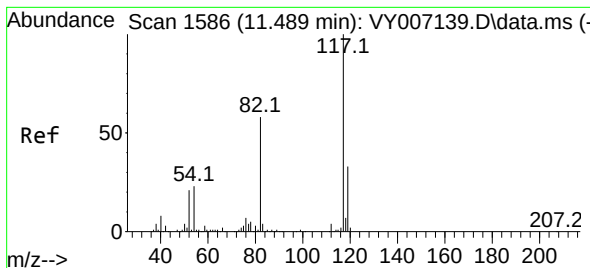
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#62
4-Bromofluorobenzene
Concen: 48.221 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007269.D
Acq: 24 Jan 2022 15:24

Tgt Ion: 95 Resp: 72135
Ion Ratio Lower Upper
95 100
174 77.1 0.0 148.4
176 73.8 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY007269.D

Acq: 24 Jan 2022 15:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

Tgt Ion:117 Resp: 16039

Ion Ratio Lower Upper

117 100

82 54.6 45.4 68.0

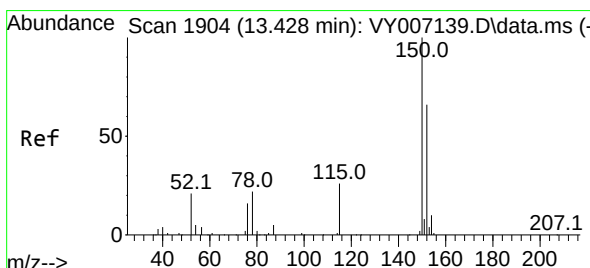
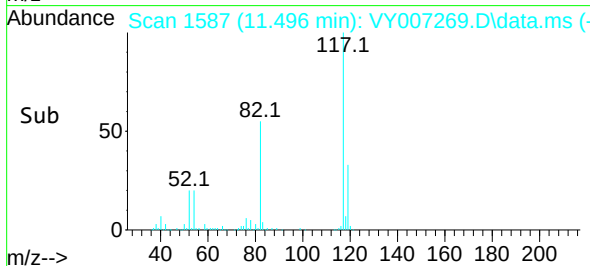
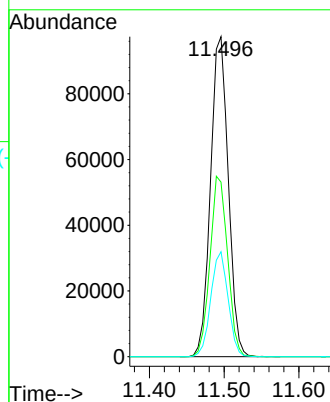
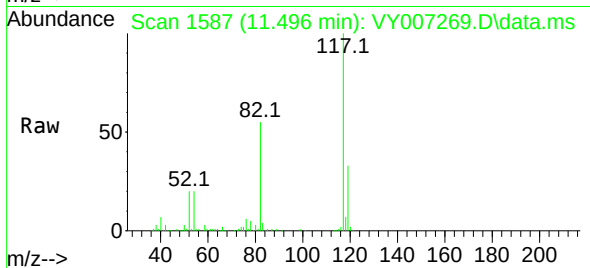
119 32.8 26.4 39.6

Manual Integrations

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007269.D

Acq: 24 Jan 2022 15:24

Tgt Ion:152 Resp: 66542

Ion Ratio Lower Upper

152 100

115 62.9 31.4 94.0

150 158.5 0.0 348.4

