

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007273.D
 Acq On : 24 Jan 2022 16:58
 Operator : SY/MD
 Sample : N1234-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-01212022

Manual Integrations
 APPROVED

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

Quant Time: Jan 25 00:34:17 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	16725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	29005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	23790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	8547	41.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.300%
35) Dibromofluoromethane	7.722	113	8904	45.399	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.800%
50) Toluene-d8	10.185	98	34001	47.445	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.900%
62) 4-Bromofluorobenzene	12.483	95	10048	39.416	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.840%

Target Compounds Qvalue

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

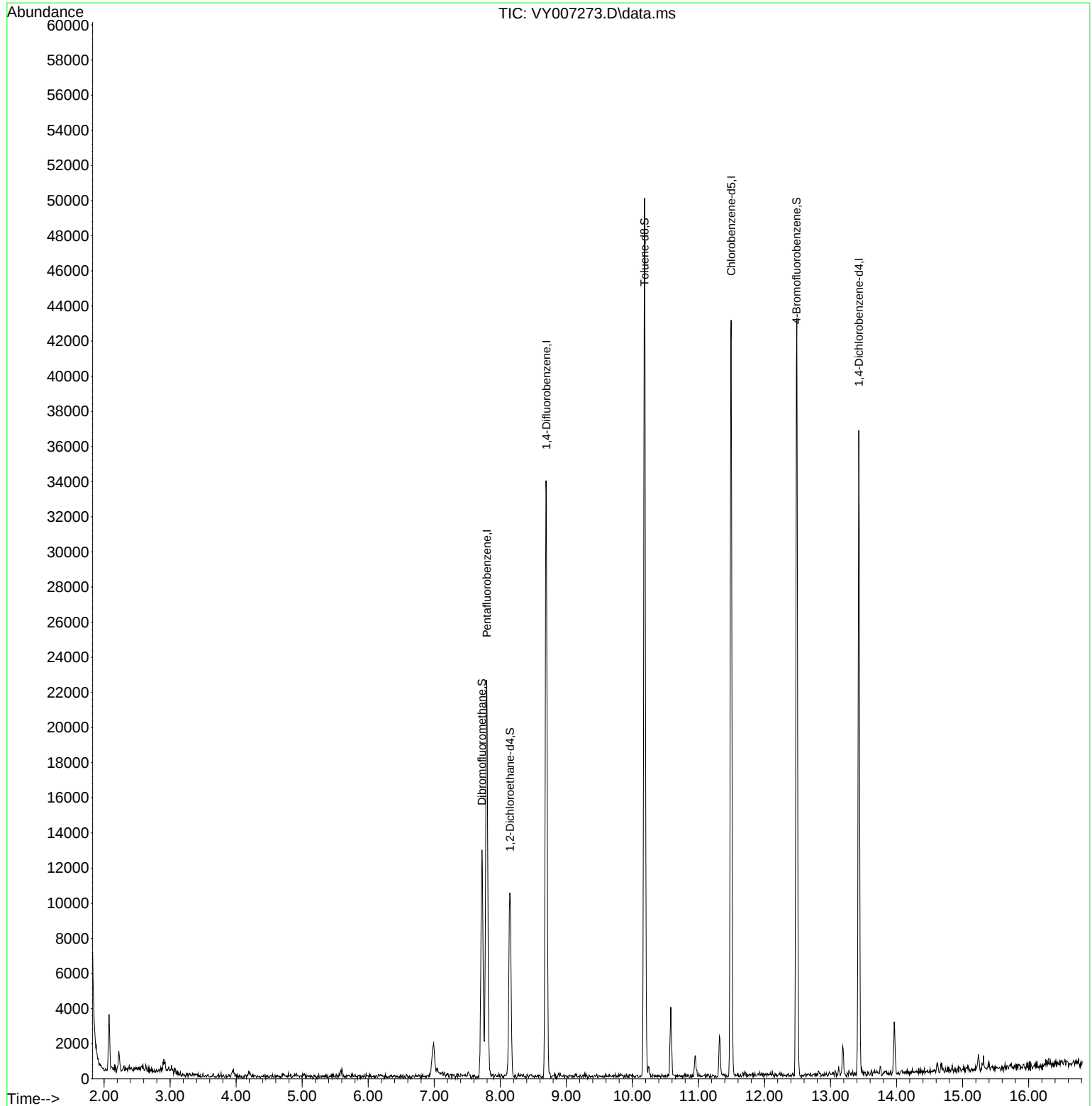
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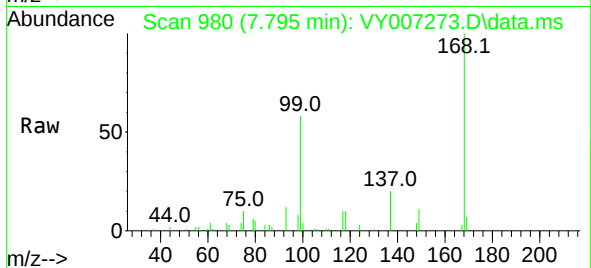
Reviewed By : John Carlone 01/25/2022
Supervised By : Mahesh Dadoda 01/25/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007273.D
Acq: 24 Jan 2022 16:58

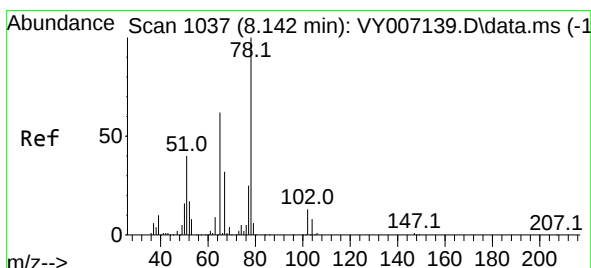
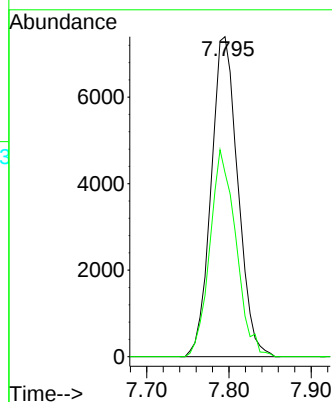
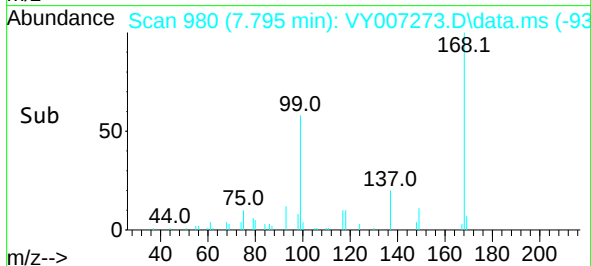
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-01212022



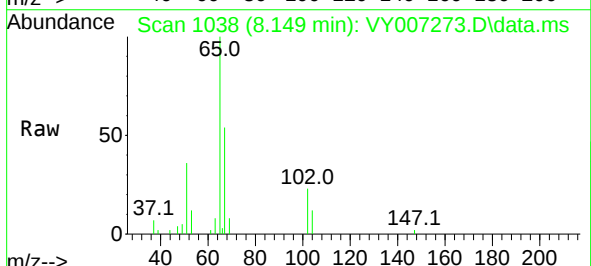
Tgt Ion:168 Resp: 1672
Ion Ratio Lower Upper
168 100
99 57.5 49.1 73.7

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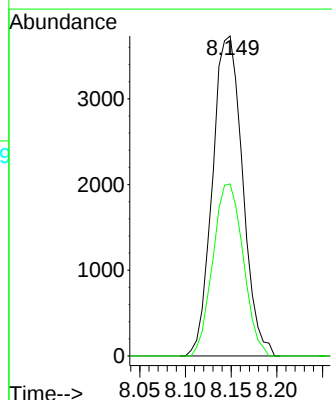
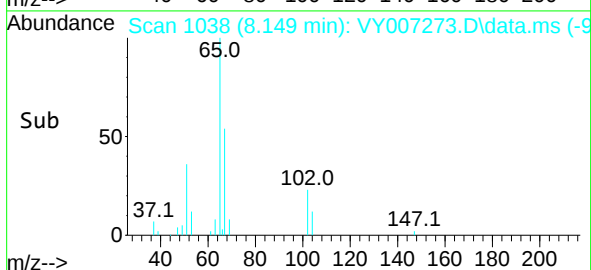
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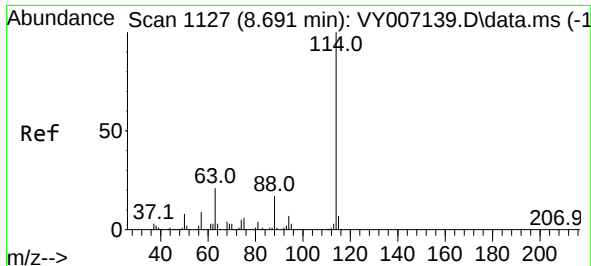


#33
1,2-Dichloroethane-d4
Concen: 41.648 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY007273.D
Acq: 24 Jan 2022 16:58



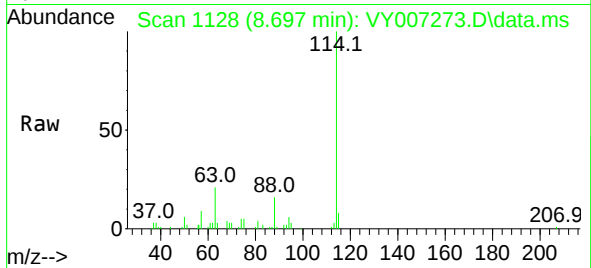
Tgt Ion: 65 Resp: 8547
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.007 min
Lab File: VY007273.D
Acq: 24 Jan 2022 16:58

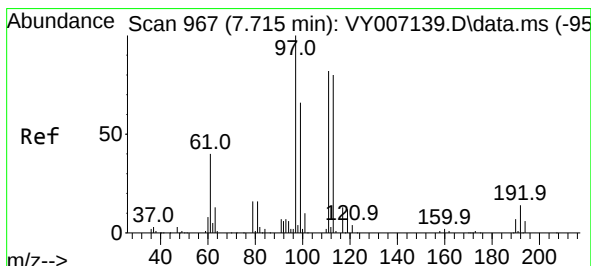
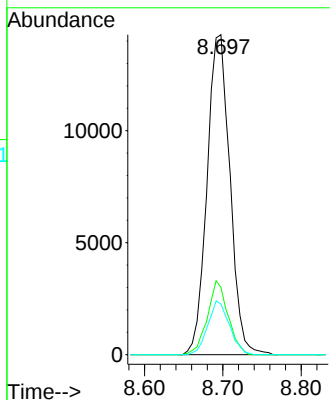
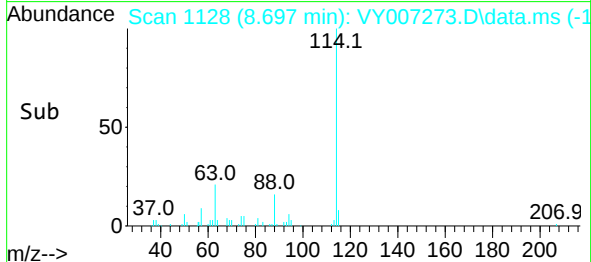
Instrument :
MSVOA_Y
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TR-04-01212022



Tgt Ion:114 Resp: 2900
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.2
88 15.9 0.0 31.0

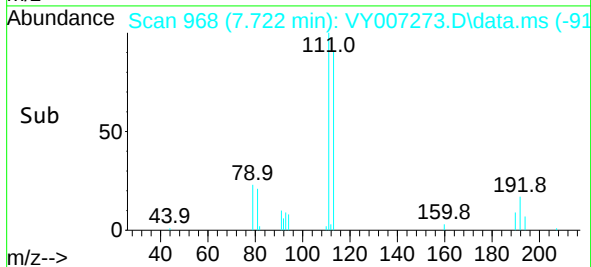
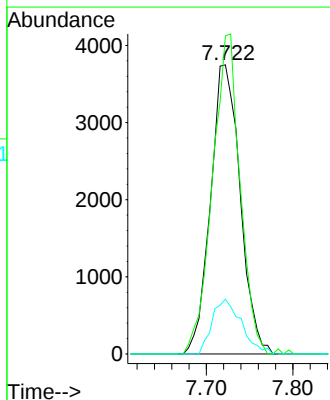
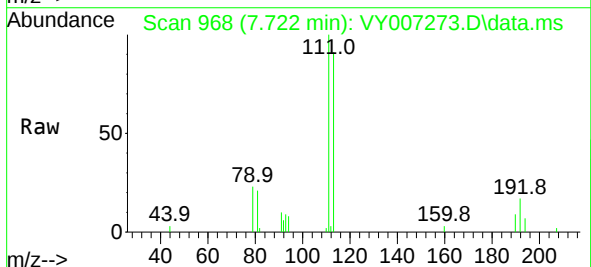
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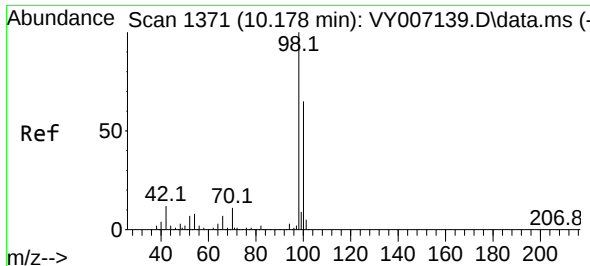
Reviewed By :John Carlone 01/25/2022
Supervised By :Mahesh Dadoda 01/25/2022



#35
Dibromofluoromethane
Concen: 45.399 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY007273.D
Acq: 24 Jan 2022 16:58

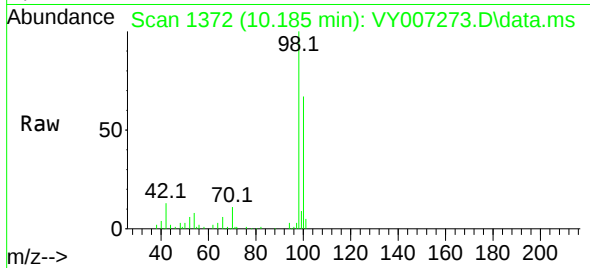
Tgt Ion:113 Resp: 8904
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 18.7 14.2 21.4





#50
Toluene-d8
Concen: 47.445 ug/l
RT: 10.185 min Scan# 1371
Delta R.T. 0.007 min
Lab File: VY007273.D
Acq: 24 Jan 2022 16:58

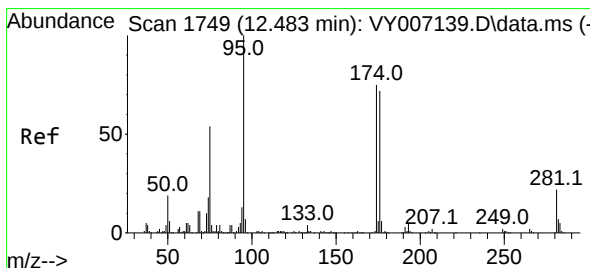
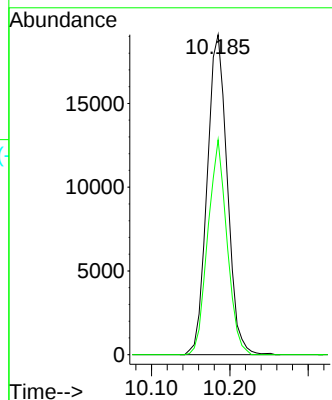
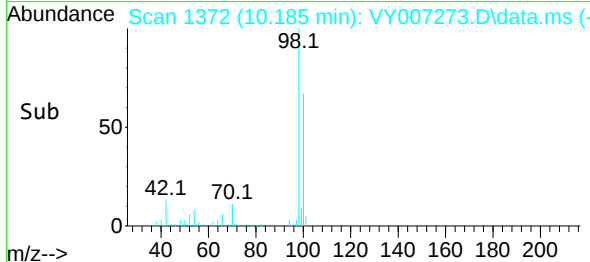
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Tgt Ion: 98 Resp: 3400
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2

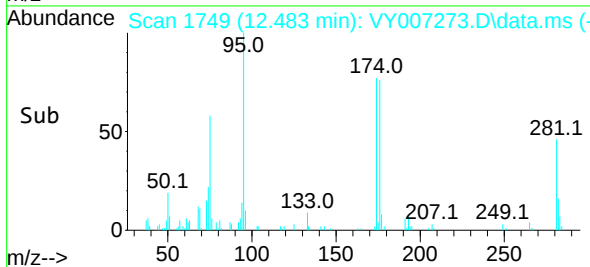
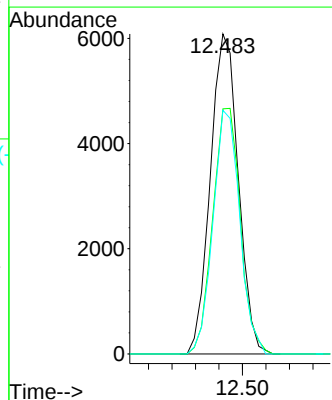
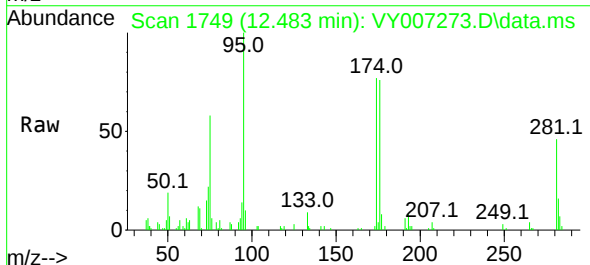
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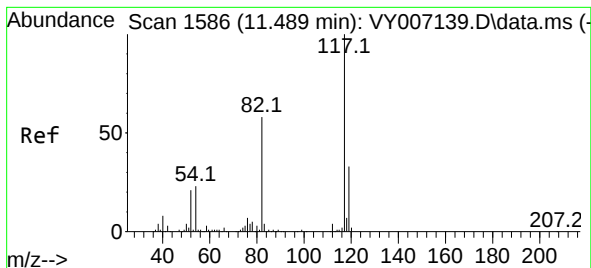
Reviewed By :John Carlone 01/25/2022
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#62
4-Bromofluorobenzene
Concen: 39.416 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VY007273.D
Acq: 24 Jan 2022 16:58

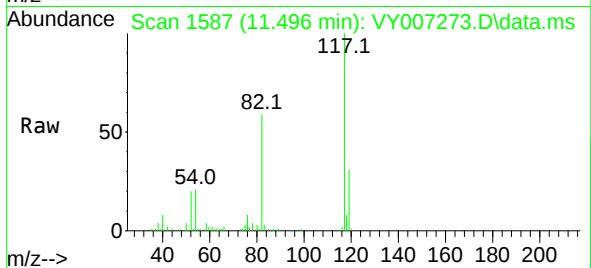
Tgt Ion: 95 Resp: 10048
Ion Ratio Lower Upper
95 100
174 75.7 0.0 148.4
176 72.8 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11587
Delta R.T. 0.007 min
Lab File: VY007273.D
Acq: 24 Jan 2022 16:58

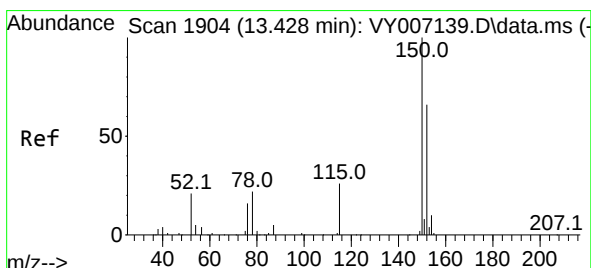
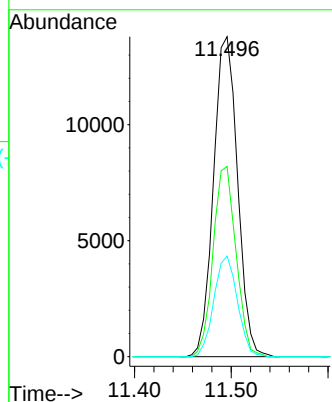
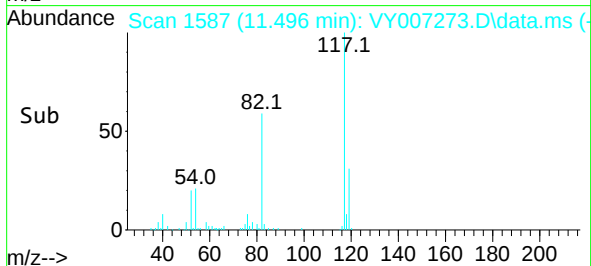
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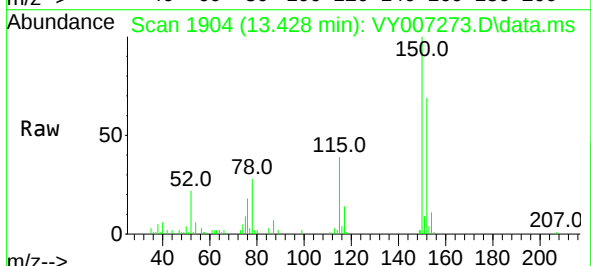
Tgt Ion:117 Resp: 23790
Ion Ratio Lower Upper
117 100
82 59.5 45.4 68.0
119 31.4 26.4 39.6

Manual Integrations
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Supervised By :Mahesh Dadoda 01/25/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.001 min
Lab File: VY007273.D
Acq: 24 Jan 2022 16:58



Tgt Ion:152 Resp: 8644
Ion Ratio Lower Upper
152 100
115 60.8 31.4 94.0
150 157.5 0.0 348.4

