

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012122\
 Data File : VY007261.D
 Acq On : 21 Jan 2022 18:26
 Operator : SY/MD
 Sample : N1234-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-01212022

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

Quant Time: Jan 22 00:24:55 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	901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	1934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	1786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	307	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	932	84.303	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	168.600%#
35) Dibromofluoromethane	7.728	113	748	57.198	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.400%
50) Toluene-d8	10.185	98	2284	47.798	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.600%
62) 4-Bromofluorobenzene	12.483	95	687	40.418	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.840%

Target Compounds	Qvalue

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

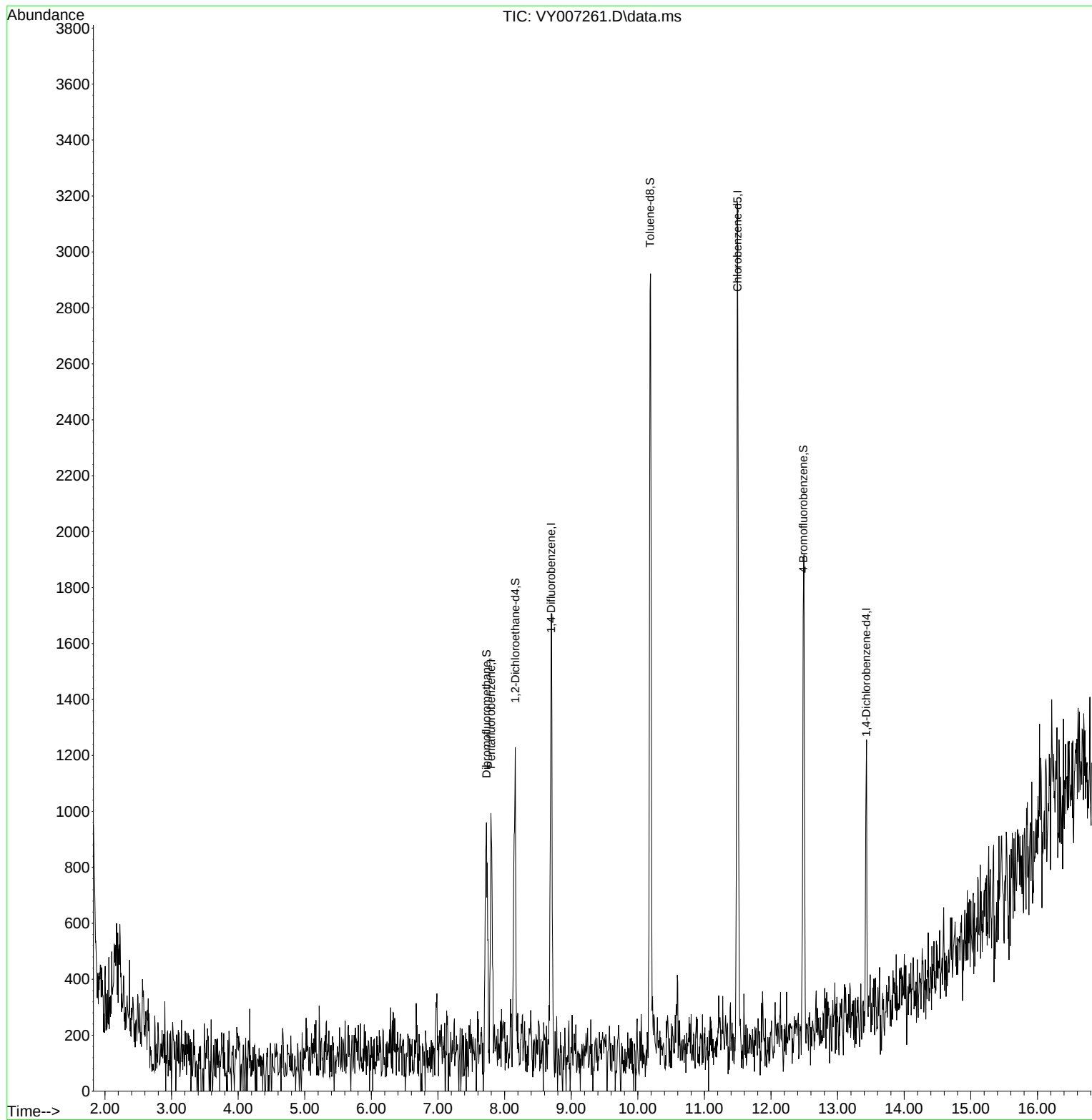
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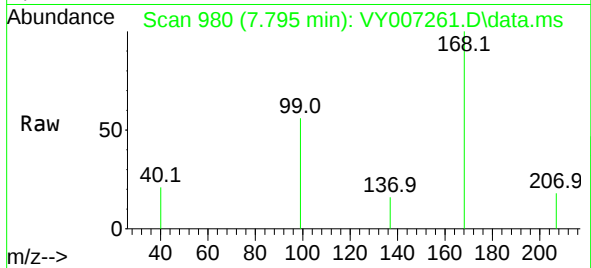
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY007261.D
Acq: 21 Jan 2022 18:26

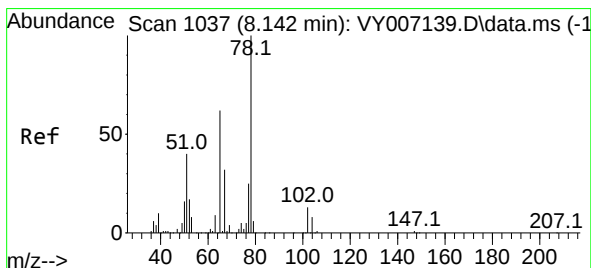
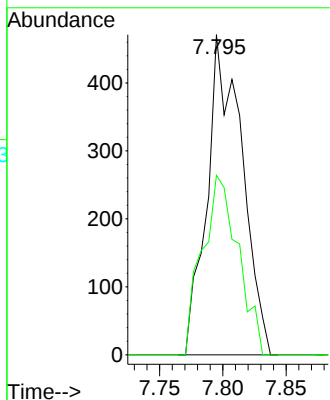
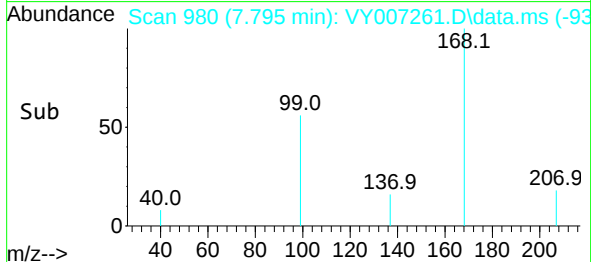
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-01212022



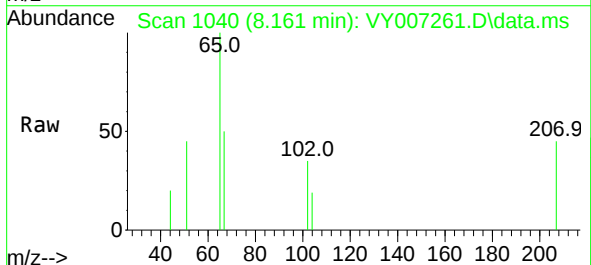
Tgt Ion:168 Resp: 90
Ion Ratio Lower Upper
168 100
99 56.1 49.1 73.7

Manual Integrations
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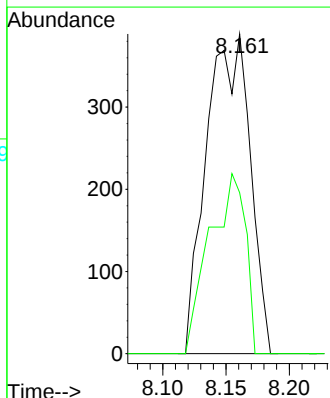
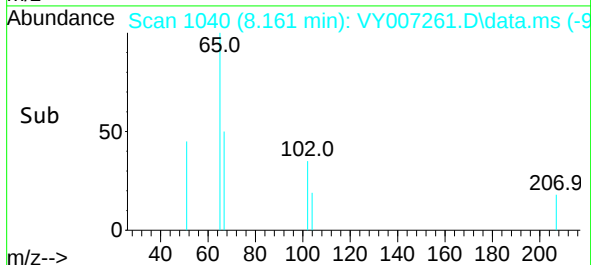
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Supervised By :Mahesh Dadoda 01/24/2022

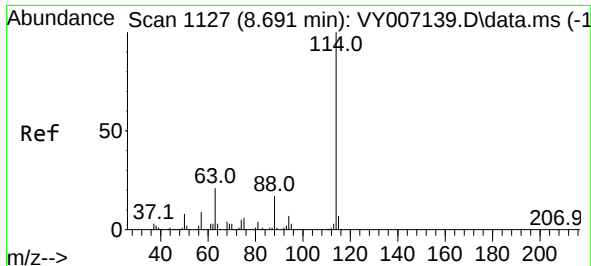


#33
1,2-Dichloroethane-d4
Concen: 84.303 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.019 min
Lab File: VY007261.D
Acq: 21 Jan 2022 18:26



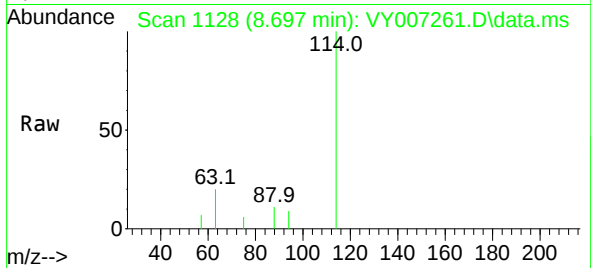
Tgt Ion: 65 Resp: 932
Ion Ratio Lower Upper
65 100
67 46.4 0.0 105.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY007261.D
Acq: 21 Jan 2022 18:26

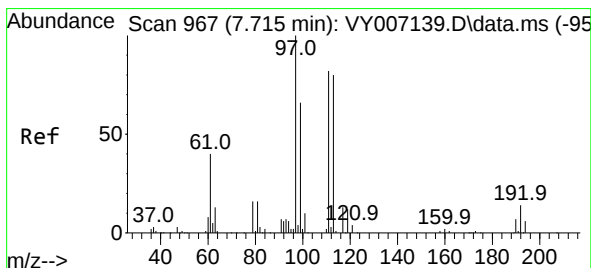
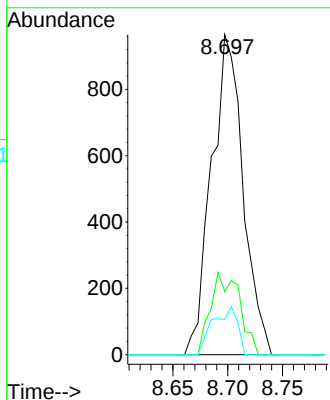
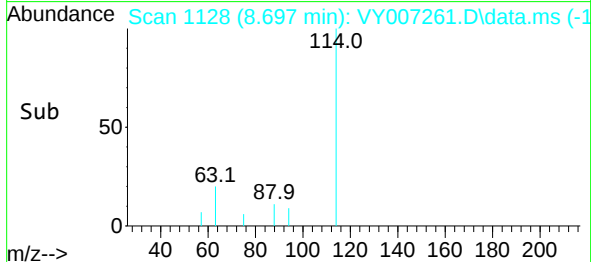
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ClientSampleId :
TR-04-01212022



Tgt Ion:114 Resp: 1934
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 11.0 0.0 31.0

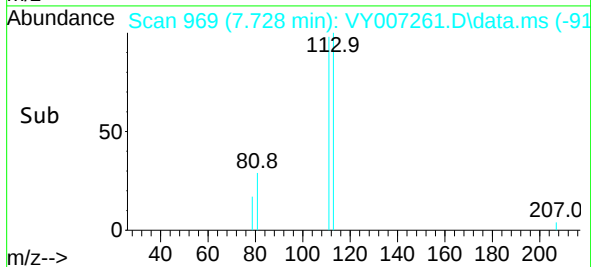
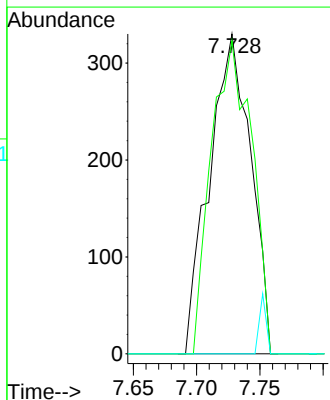
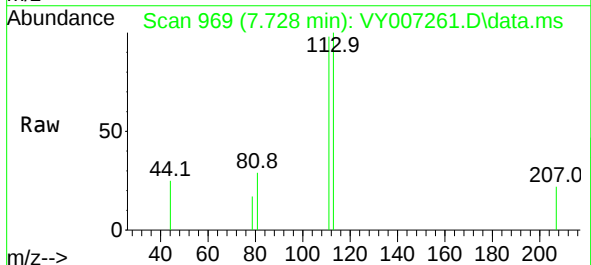
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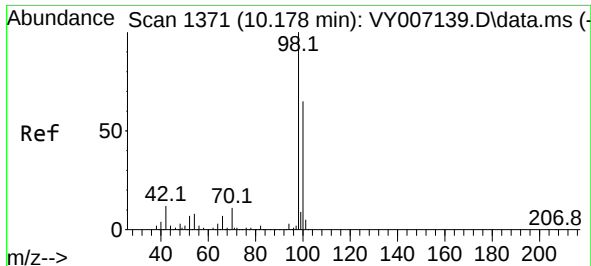
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#35
Dibromofluoromethane
Concen: 57.198 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY007261.D
Acq: 21 Jan 2022 18:26

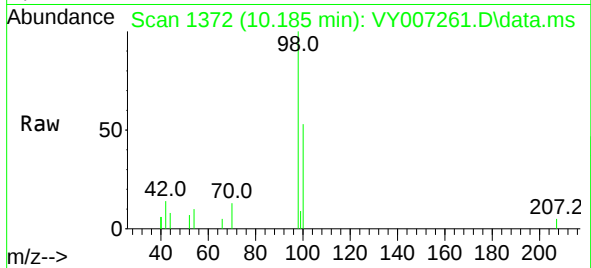
Tgt Ion:113 Resp: 748
Ion Ratio Lower Upper
113 100
111 96.3 82.2 123.4
192 0.0 14.2 21.4#





#50
Toluene-d8
Concen: 47.798 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007261.D
Acq: 21 Jan 2022 18:26

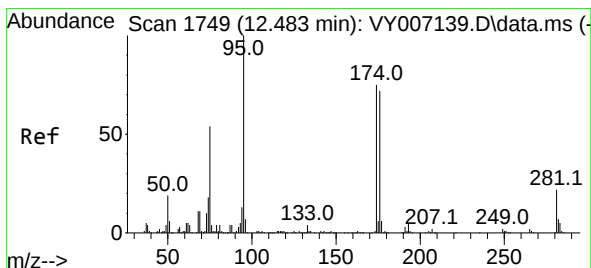
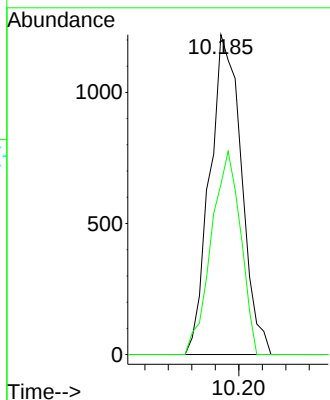
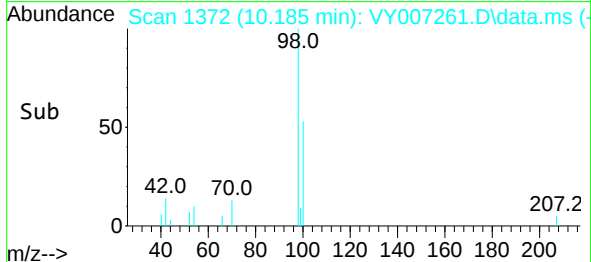
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Tgt Ion: 98 Resp: 2284
Ion Ratio Lower Upper
98 100
100 58.8 52.2 78.2

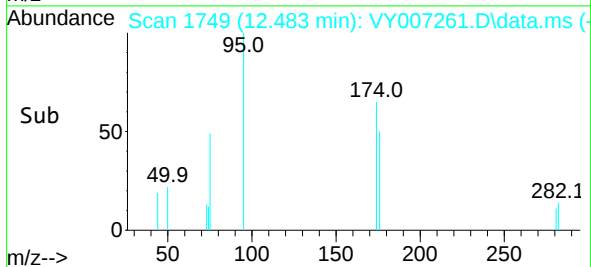
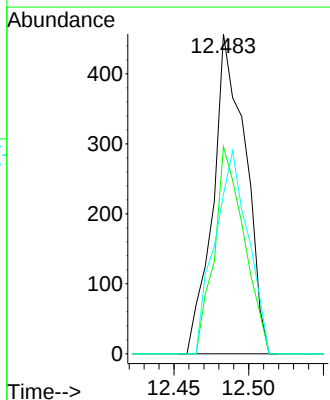
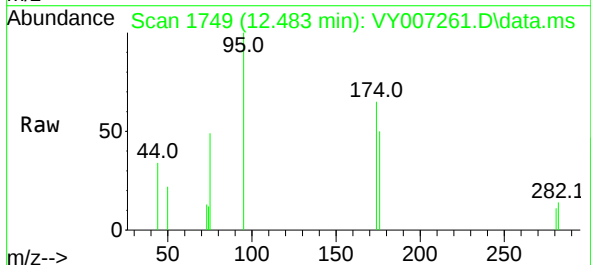
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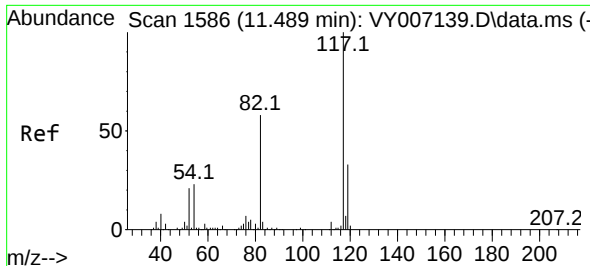
Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#62
4-Bromofluorobenzene
Concen: 40.418 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007261.D
Acq: 21 Jan 2022 18:26

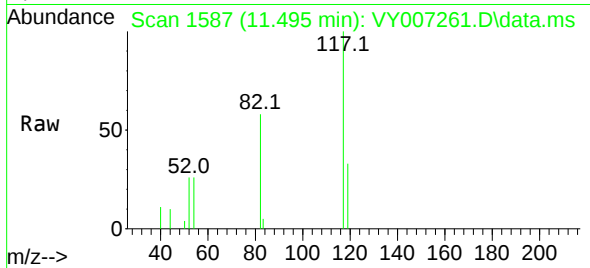
Tgt Ion: 95 Resp: 687
Ion Ratio Lower Upper
95 100
174 59.5 0.0 148.4
176 65.2 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1158
Delta R.T. 0.006 min
Lab File: VY007261.D
Acq: 21 Jan 2022 18:26

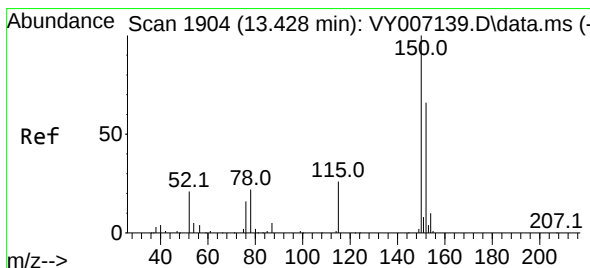
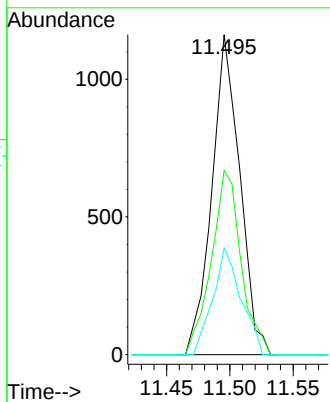
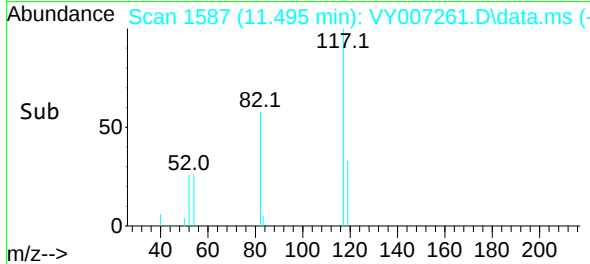
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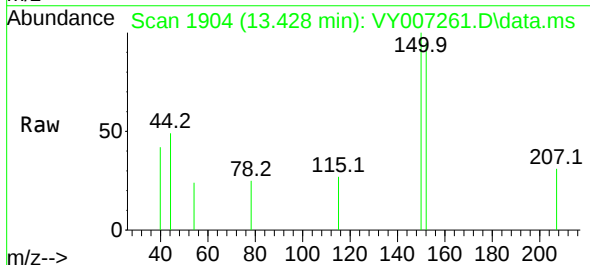
Tgt Ion:117 Resp: 1780
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.0
119 33.3 26.4 39.6

Manual Integrations
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Reviewed By :John Carlone 01/24/2022
Supervised By :Mahesh Dadoda 01/24/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007261.D
Acq: 21 Jan 2022 18:26



Tgt Ion:152 Resp: 307
Ion Ratio Lower Upper
152 100
115 49.5 31.4 94.0
150 166.1 0.0 348.4

