

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012022\
 Data File : VY007243.D
 Acq On : 20 Jan 2022 16:01
 Operator : SY/MD
 Sample : N1214-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-012022

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/21/2022
 Supervised By : Mahesh Dadoda 01/21/2022

Quant Time: Jan 21 00:46:41 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	7.789	168	8918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	12255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5393	49.285	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.560%		
35) Dibromofluoromethane	7.722	113	4887	48.942	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.880%		
50) Toluene-d8	10.179	98	16610	45.525	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.040%		
62) 4-Bromofluorobenzene	12.483	95	5124	39.481	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	78.960%		
Target Compounds						Qvalue
78) n-propylbenzene	12.672	91	784	1.675	ug/l	89
84) 1,2,4-Trimethylbenzene	13.123	105	4754	15.469	ug/l	98
85) sec-Butylbenzene	13.251	105	705	1.759	ug/l	95
89) n-Butylbenzene	13.703	91	1564m	4.823	ug/l	

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

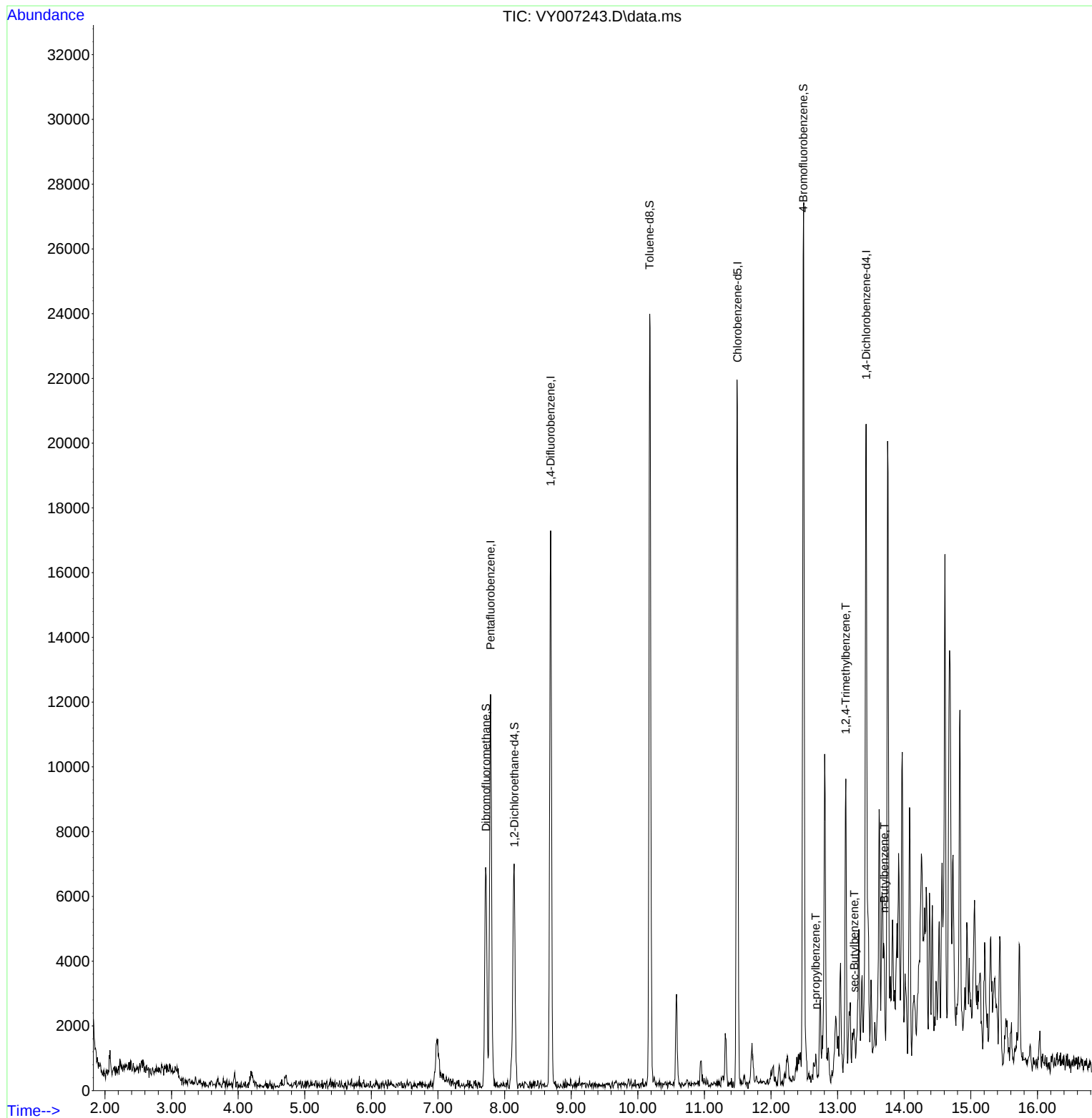
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012022\
Data File : VY007243.D
Acq On : 20 Jan 2022 16:01
Operator : SY/MD
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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

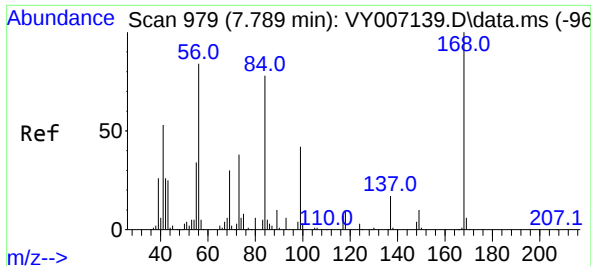
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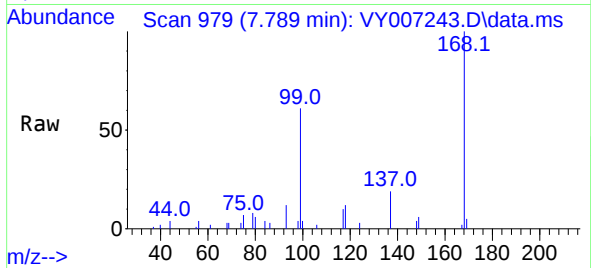
Quant Time: Jan 21 00:46:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 918
Delta R.T. 0.000 min
Lab File: VY007243.D
Acq: 20 Jan 2022 16:01

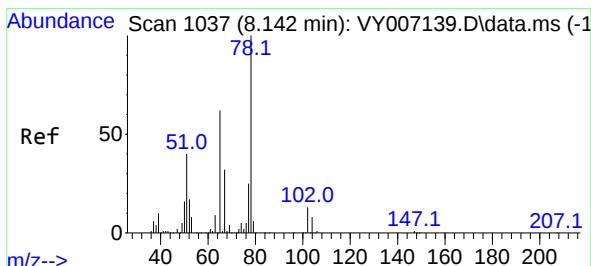
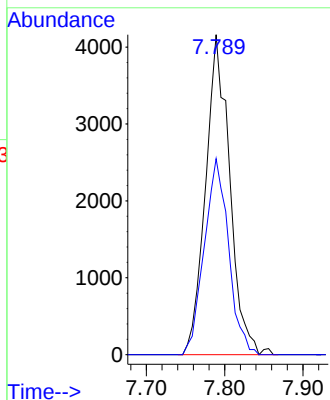
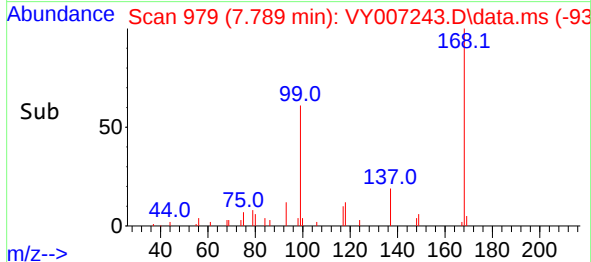
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-012022



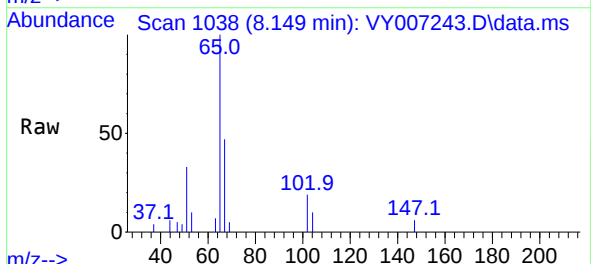
Tgt Ion:168 Resp: 8918
Ion Ratio Lower Upper
168 100
99 61.3 49.1 73.7

Manual Integrations
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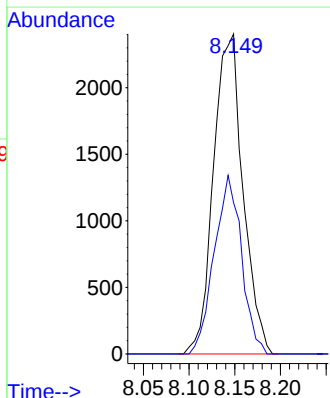
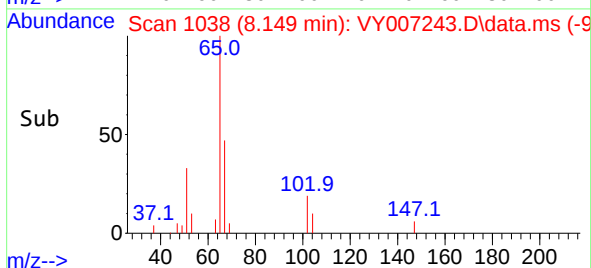
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

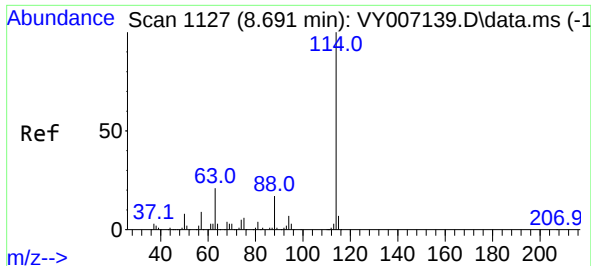


#33
1,2-Dichloroethane-d4
Concen: 49.285 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY007243.D
Acq: 20 Jan 2022 16:01



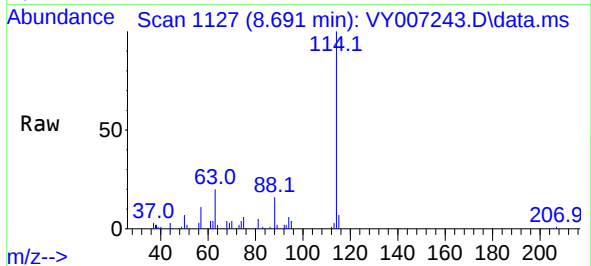
Tgt Ion: 65 Resp: 5393
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007243.D
Acq: 20 Jan 2022 16:01

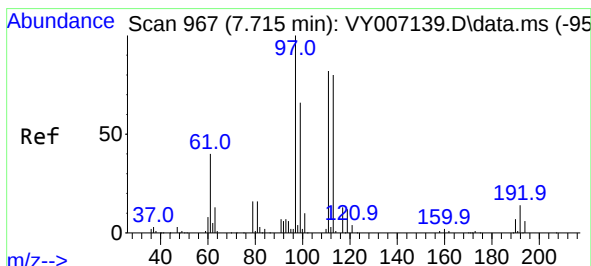
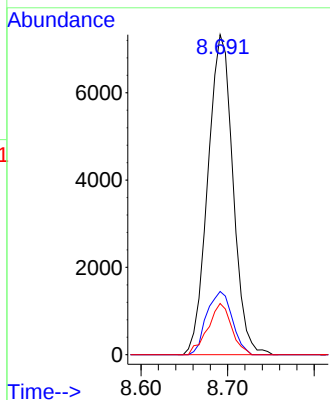
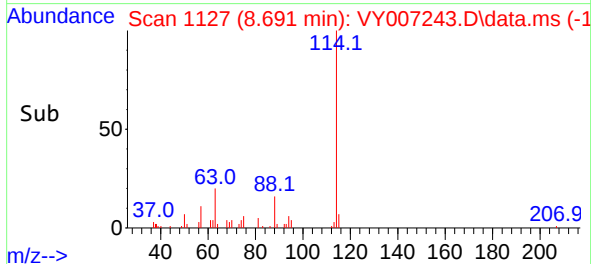
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Tgt Ion:	114	Resp:	1476
Ion Ratio	Lower	Upper	
114	100		
63	19.7	0.0	39.2
88	16.0	0.0	31.0

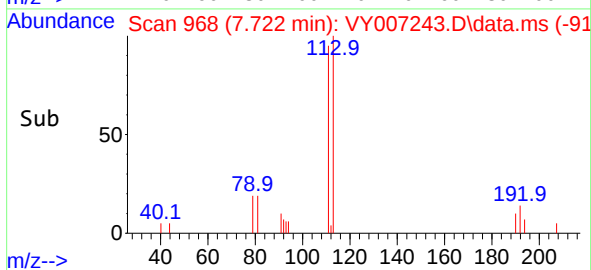
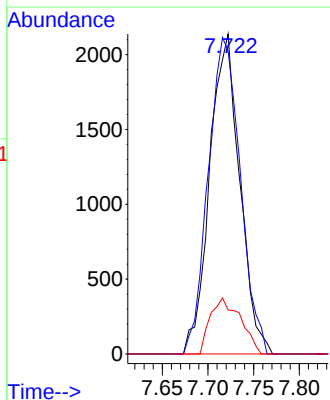
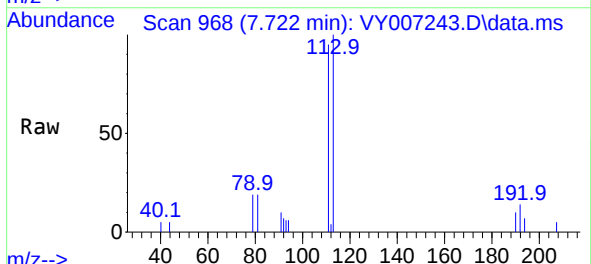
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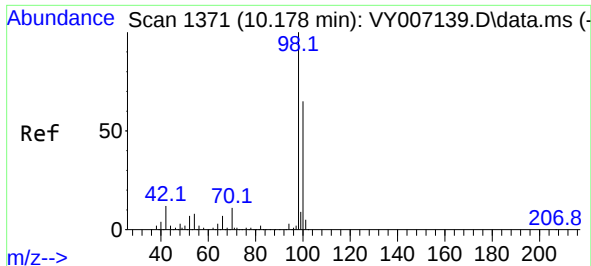
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#35
Dibromofluoromethane
Concen: 48.942 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.007 min
Lab File: VY007243.D
Acq: 20 Jan 2022 16:01

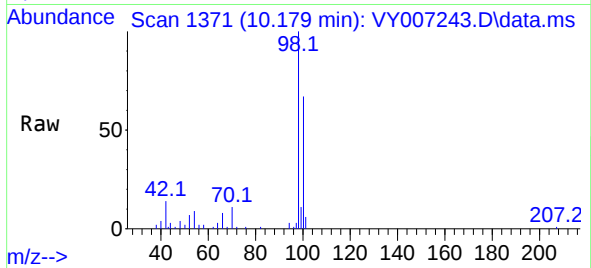
Tgt Ion:	113	Resp:	4887
Ion Ratio	Lower	Upper	
113	100		
111	105.2	82.2	123.4
192	17.6	14.2	21.4





#50
Toluene-d8
Concen: 45.525 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007243.D
Acq: 20 Jan 2022 16:01

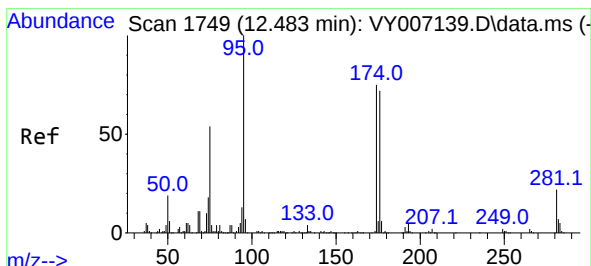
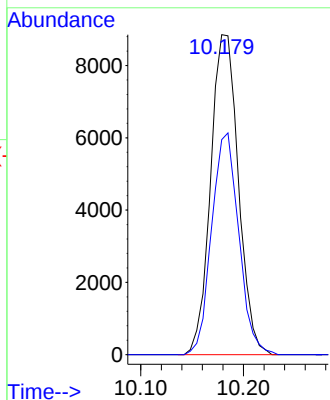
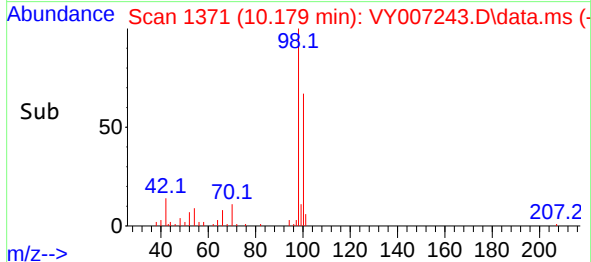
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-012022



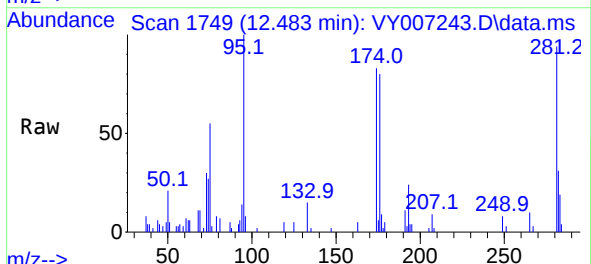
Tgt Ion: 98 Resp: 16610
Ion Ratio Lower Upper
98 100
100 67.8 52.2 78.2

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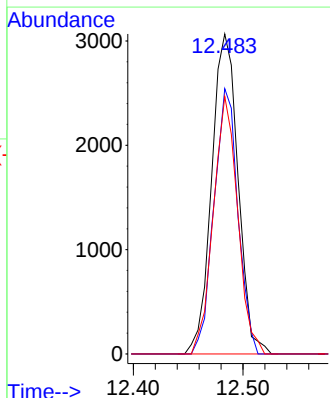
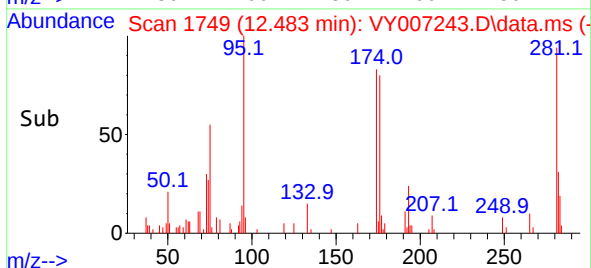
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

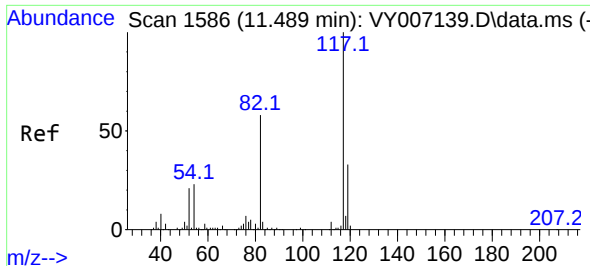


#62
4-Bromofluorobenzene
Concen: 39.481 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007243.D
Acq: 20 Jan 2022 16:01



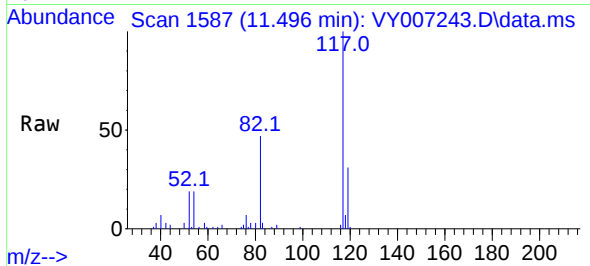
Tgt Ion: 95 Resp: 5124
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.4
176 74.3 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1158
Delta R.T. 0.007 min
Lab File: VY007243.D
Acq: 20 Jan 2022 16:01

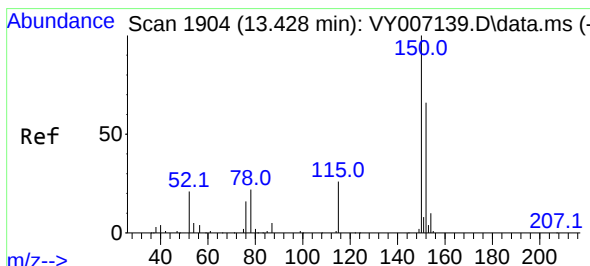
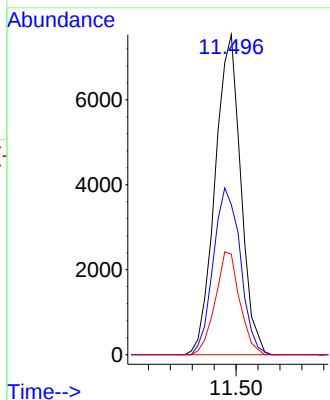
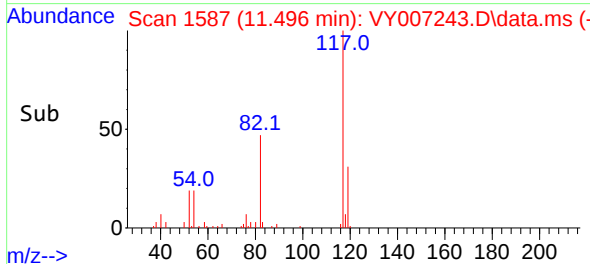
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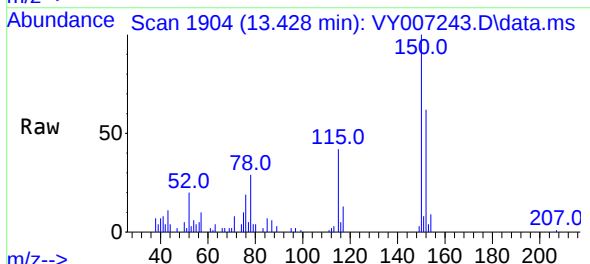
Tgt Ion:117 Resp: 1225
Ion Ratio Lower Upper
117 100
82 46.9 45.4 68.0
119 31.4 26.4 39.6

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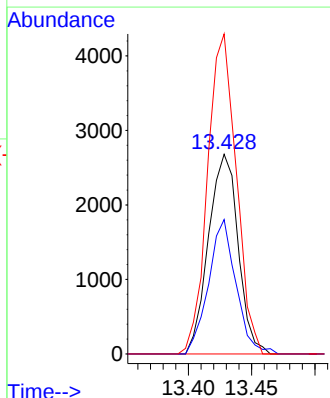
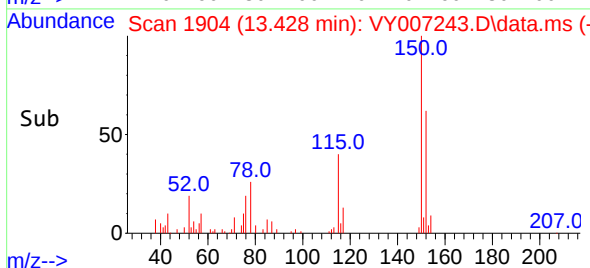
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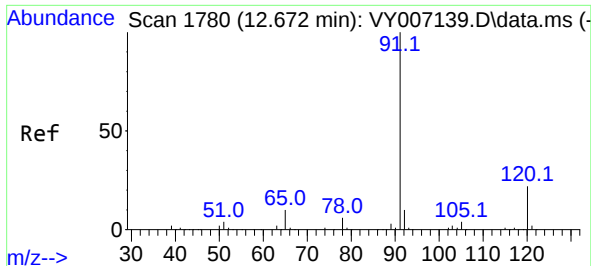


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007243.D
Acq: 20 Jan 2022 16:01



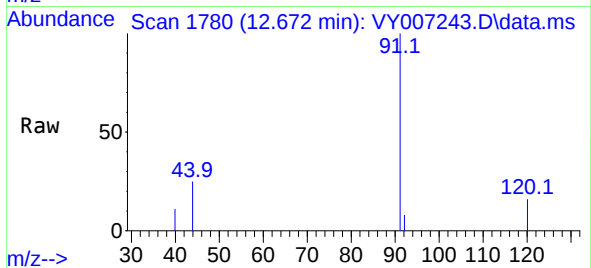
Tgt Ion:152 Resp: 4372
Ion Ratio Lower Upper
152 100
115 62.3 31.4 94.0
150 155.0 0.0 348.4





#78
n-propylbenzene
Concen: 1.675 ug/l
RT: 12.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007243.D
Acq: 20 Jan 2022 16:01

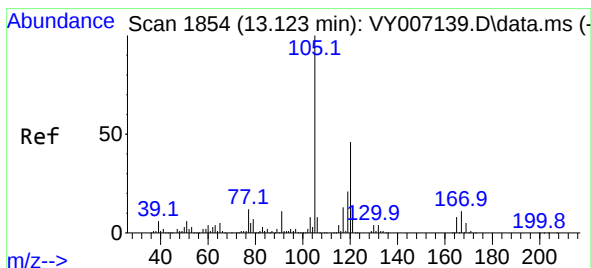
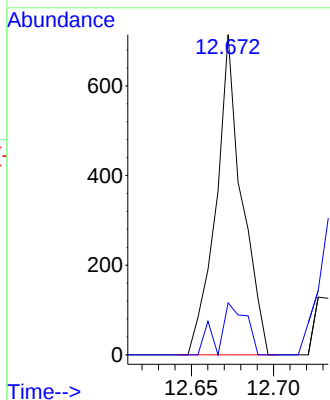
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-012022



Tgt Ion: 91 Resp: 784
Ion Ratio Lower Upper
91 100
120 17.1 11.2 33.5

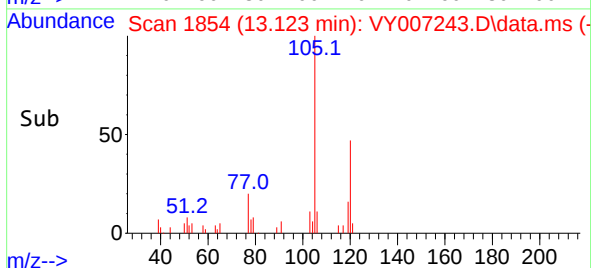
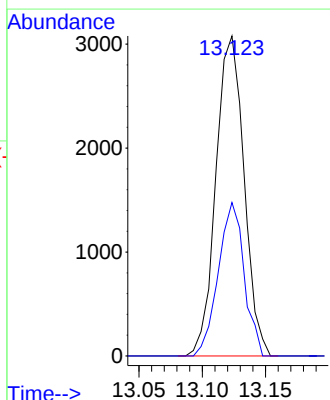
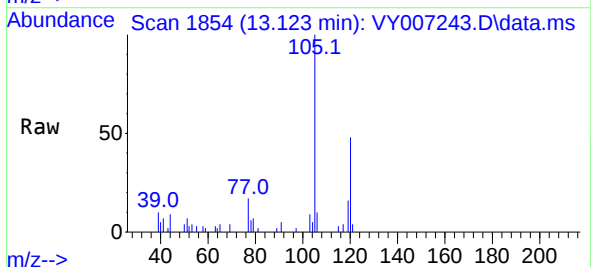
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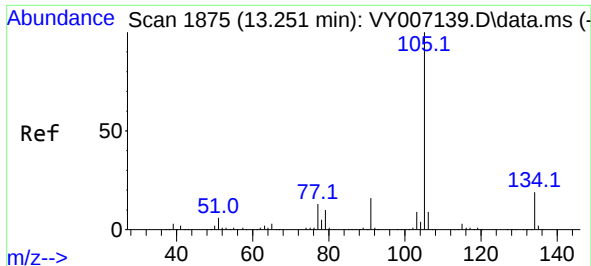
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 15.469 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007243.D
Acq: 20 Jan 2022 16:01

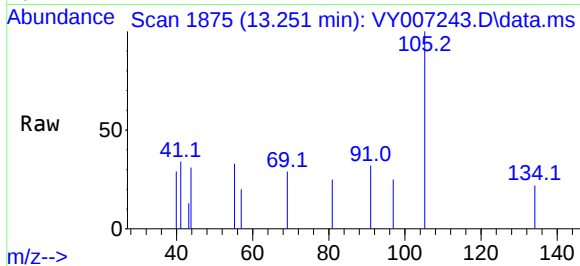
Tgt Ion:105 Resp: 4754
Ion Ratio Lower Upper
105 100
120 44.1 21.6 64.6





#85
sec-Butylbenzene
Concen: 1.759 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY007243.D
Acq: 20 Jan 2022 16:01

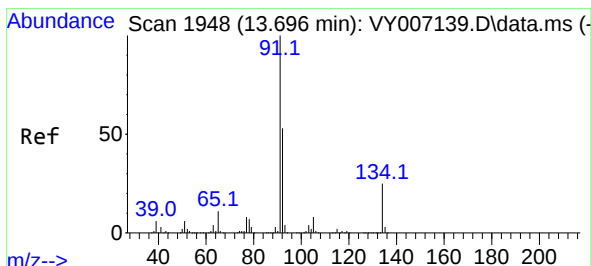
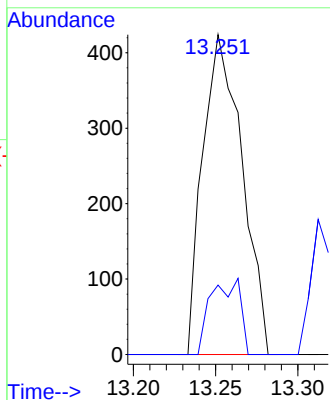
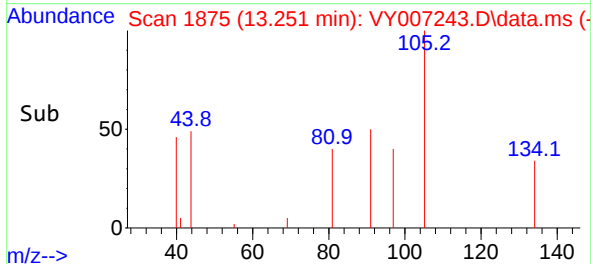
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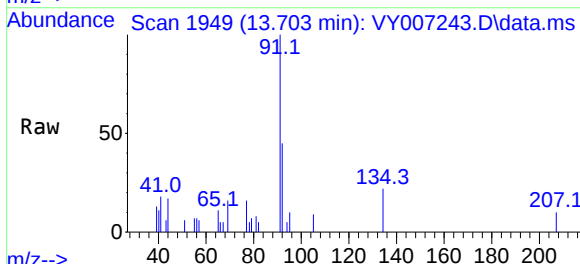
Tgt Ion:105 Resp: 705
Ion Ratio Lower Upper
105 100
134 17.7 9.9 29.7

Manual Integrations
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Supervised By :Mahesh Dadoda 01/21/2022



#89
n-Butylbenzene
Concen: 4.823 ug/l m
RT: 13.703 min Scan# 1949
Delta R.T. 0.007 min
Lab File: VY007243.D
Acq: 20 Jan 2022 16:01



Tgt Ion: 91 Resp: 1564
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.6
134 0.0 12.6 37.6#

