

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012022\
 Data File : VY007245.D
 Acq On : 20 Jan 2022 16:50
 Operator : SY/MD
 Sample : N1214-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-012022RE

Manual Integrations
 APPROVED

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

Quant Time: Jan 21 00:47:01 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	2102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1610	62.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.840%
35) Dibromofluoromethane	7.722	113	1323	50.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.720%
50) Toluene-d8	10.185	98	4403	46.323	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.640%
62) 4-Bromofluorobenzene	12.483	95	1788	52.883	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.760%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.117	105	1055m	9.887	ug/l	Qvalue

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

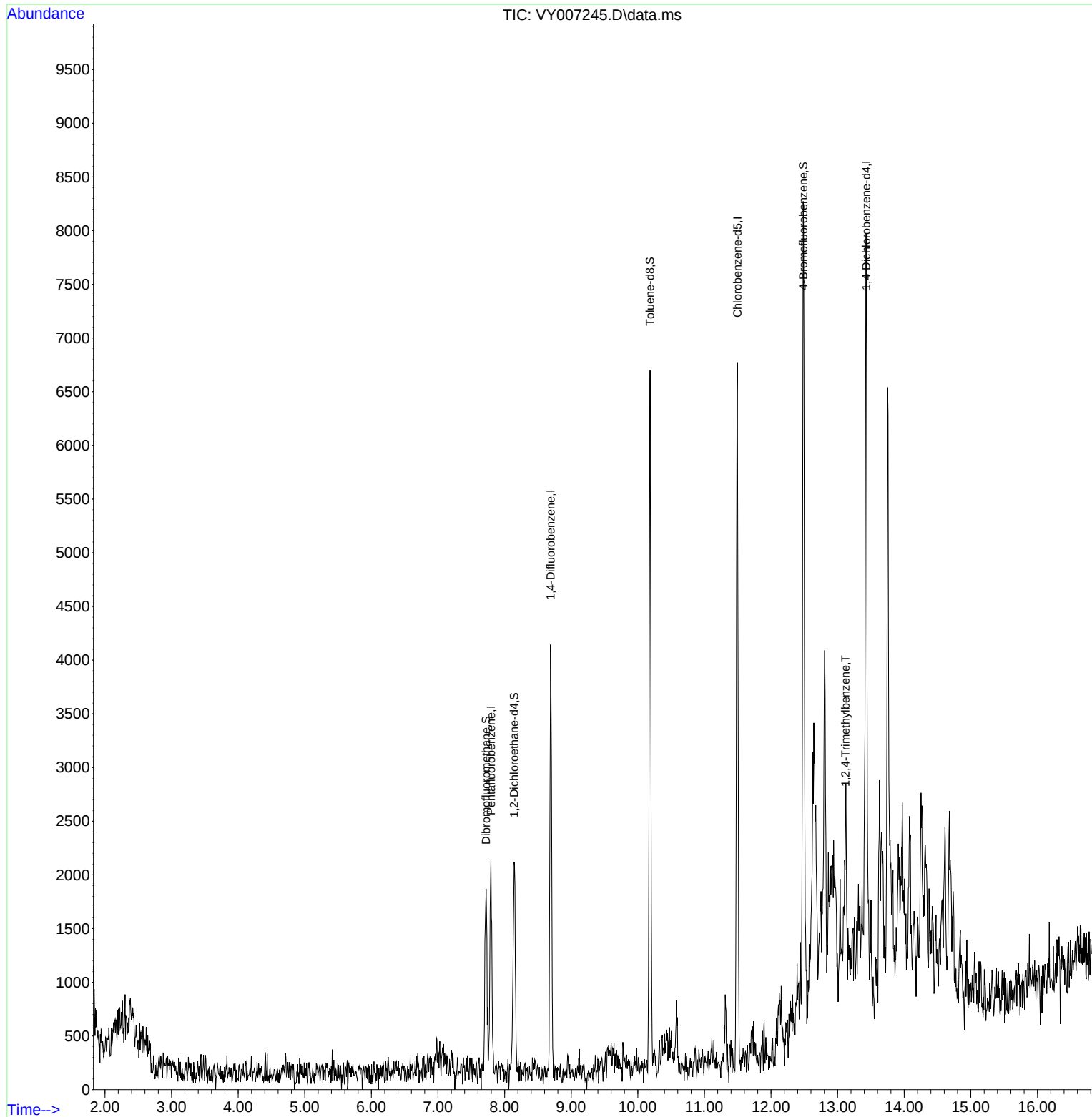
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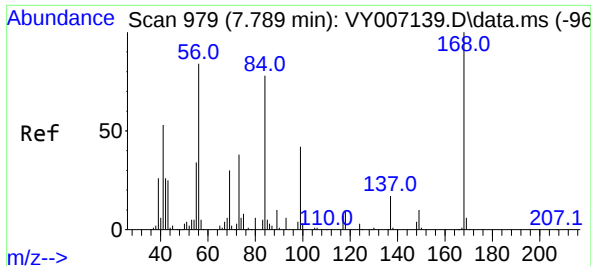
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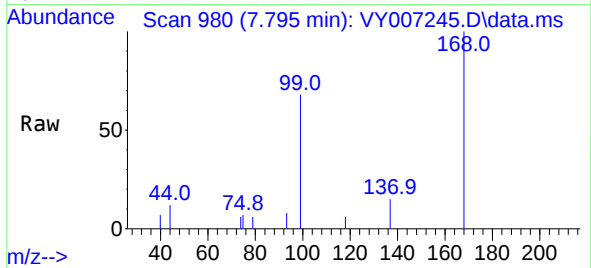
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

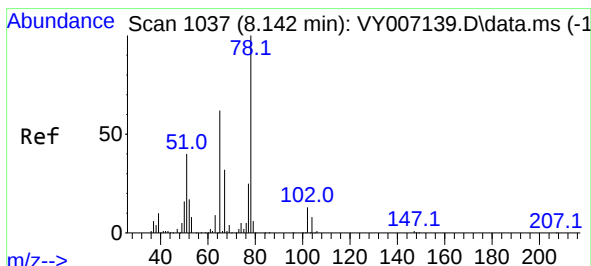
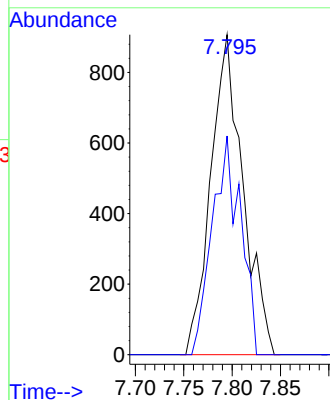
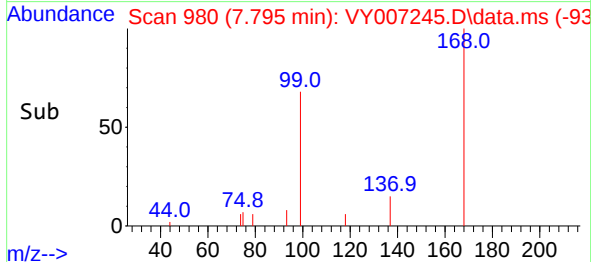
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-012022RE



Tgt Ion:168 Resp: 210
Ion Ratio Lower Upper
168 100
99 68.4 49.1 73.7

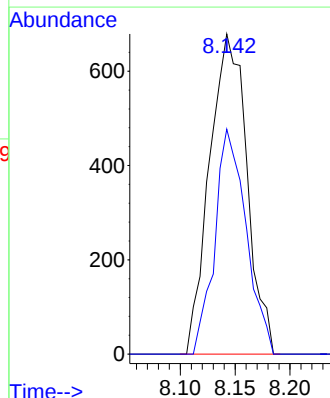
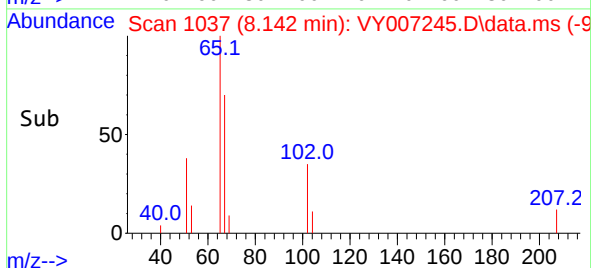
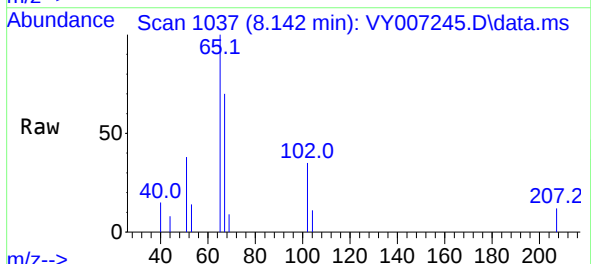
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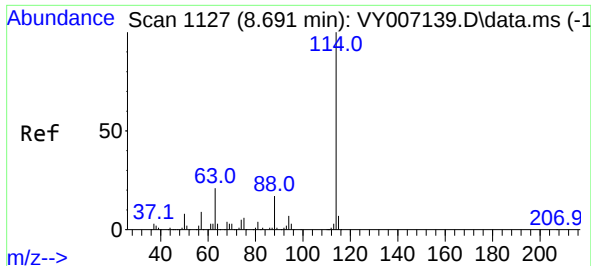
Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022



#33
1,2-Dichloroethane-d4
Concen: 62.423 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

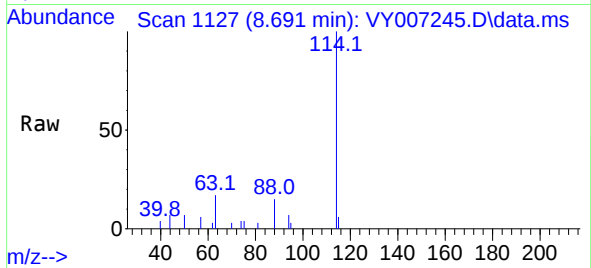
Tgt Ion: 65 Resp: 1610
Ion Ratio Lower Upper
65 100
67 59.0 0.0 105.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

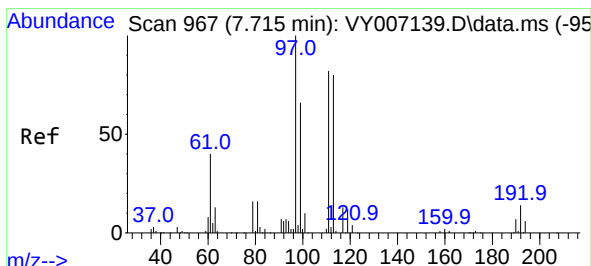
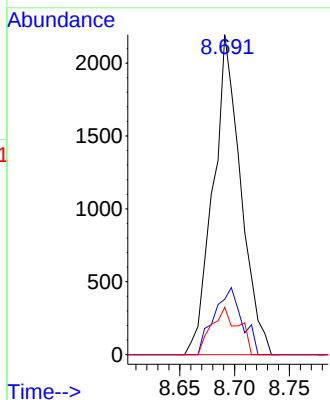
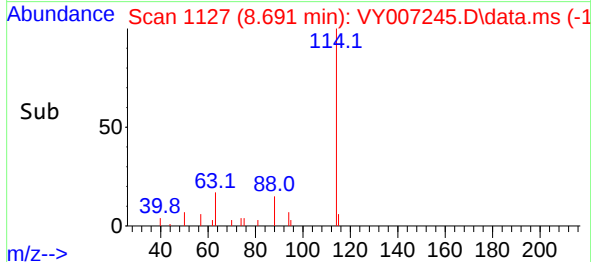
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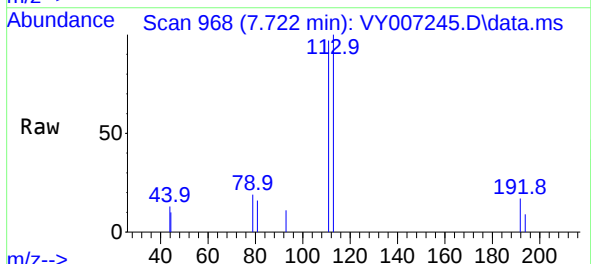
Tgt Ion:114 Resp: 384
Ion Ratio Lower Upper
114 100
63 17.4 0.0 39.2
88 14.8 0.0 31.0

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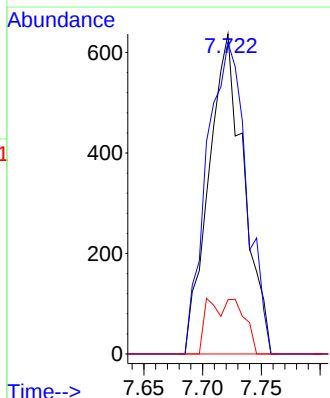
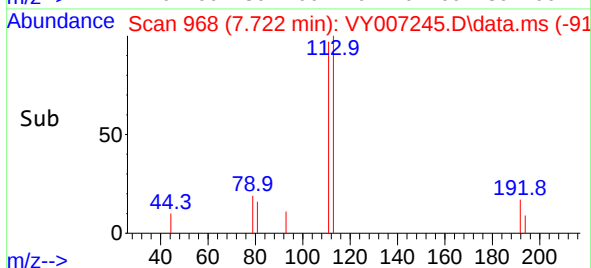
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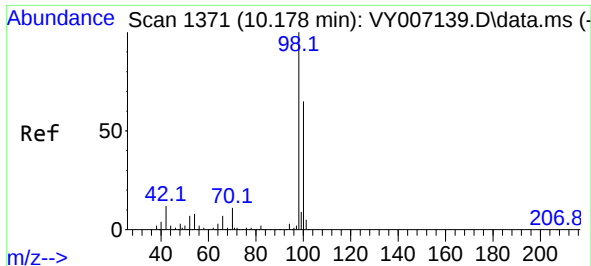


#35
Dibromofluoromethane
Concen: 50.859 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50



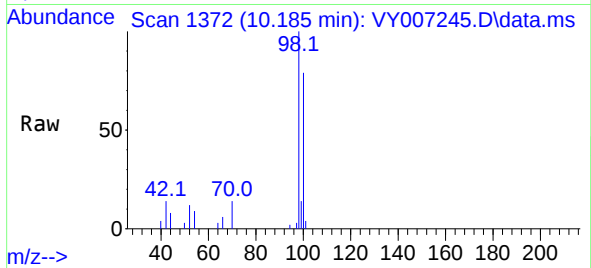
Tgt Ion:113 Resp: 1323
Ion Ratio Lower Upper
113 100
111 109.4 82.2 123.4
192 7.9 14.2 21.4#





#50
Toluene-d8
Concen: 46.323 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

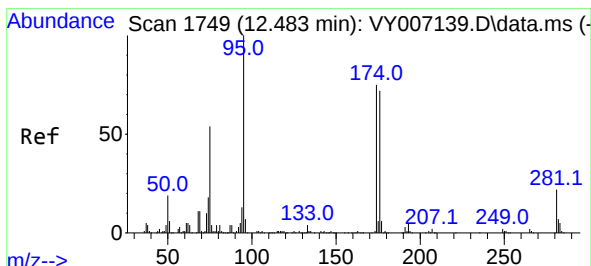
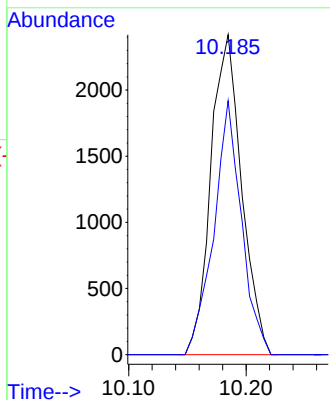
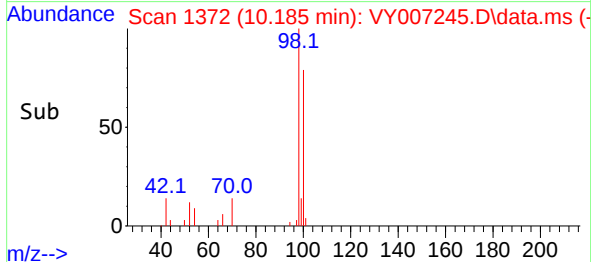
Instrument :
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ClientSampleId :
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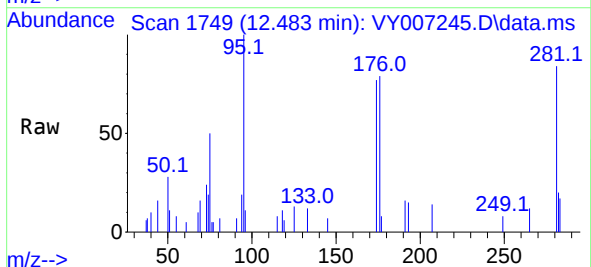
Tgt Ion: 98 Resp: 440
Ion Ratio Lower Upper
98 100
100 71.4 52.2 78.2

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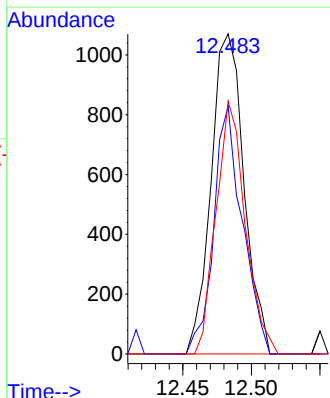
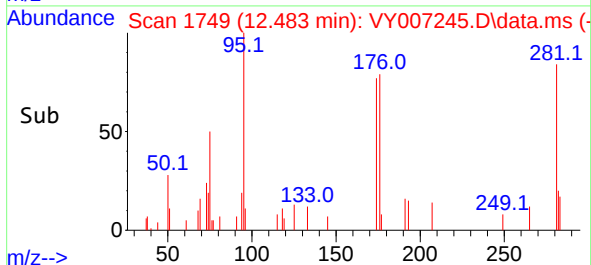
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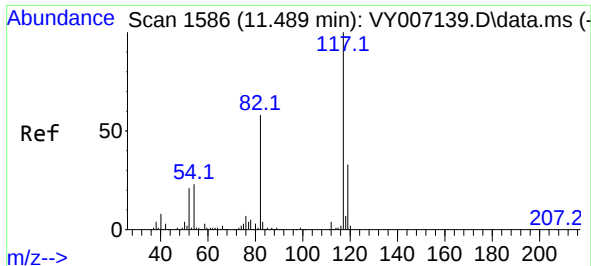


#62
4-Bromofluorobenzene
Concen: 52.883 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50



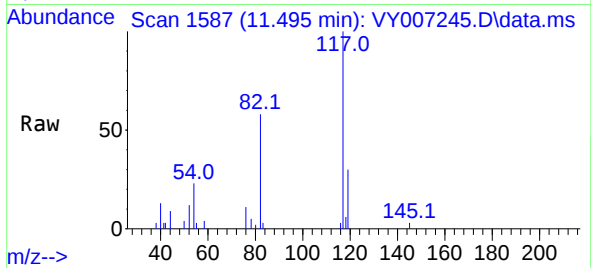
Tgt Ion: 95 Resp: 1788
Ion Ratio Lower Upper
95 100
174 67.4 0.0 148.4
176 70.2 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1158
Delta R.T. 0.006 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

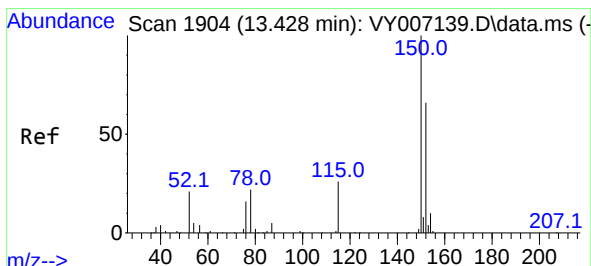
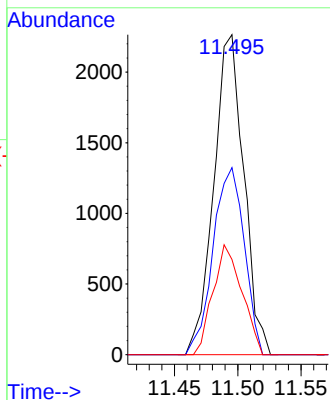
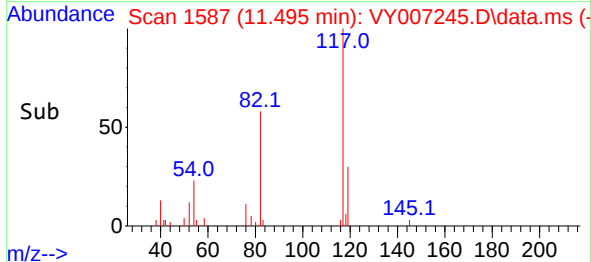
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ClientSampleId :
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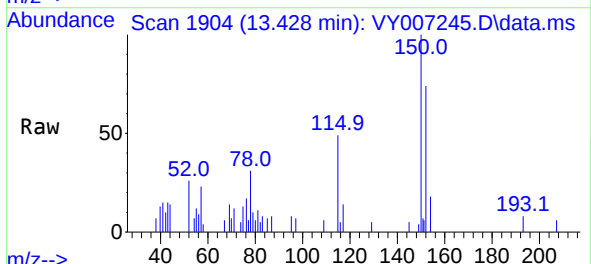
Tgt Ion:117 Resp: 374
Ion Ratio Lower Upper
117 100
82 58.5 45.4 68.0
119 29.8 26.4 39.6

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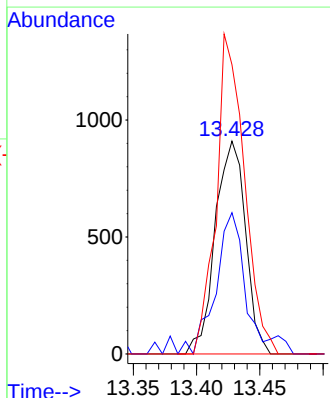
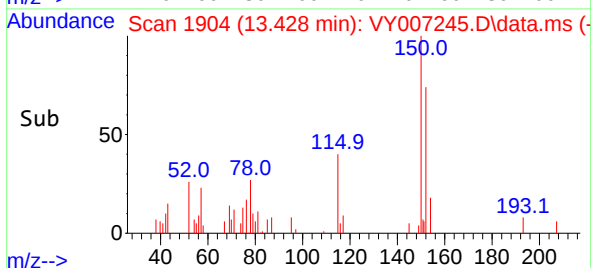
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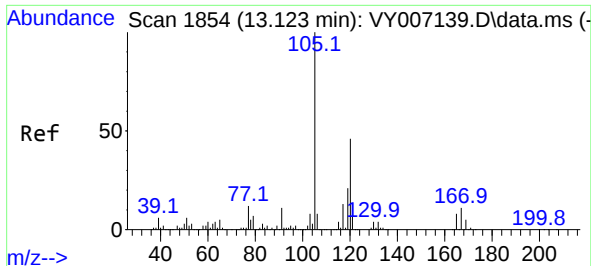


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50



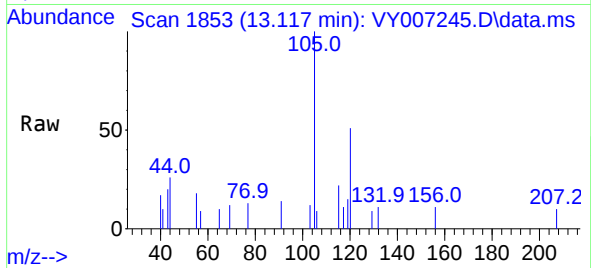
Tgt Ion:152 Resp: 1518
Ion Ratio Lower Upper
152 100
115 67.2 31.4 94.0
150 139.7 0.0 348.4





#84
1,2,4-Trimethylbenzene
Concen: 9.887 ug/l m
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-012022RE



Tgt Ion:105 Resp: 105
Ion Ratio Lower Upper
105 100
120 0.0 21.6 64.6

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