

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007083.D
 Acq On : 08 Jan 2022 17:04
 Operator : SY/MD
 Sample : N1069-01
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-1-010522

Quant Time: Jan 10 03:41:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

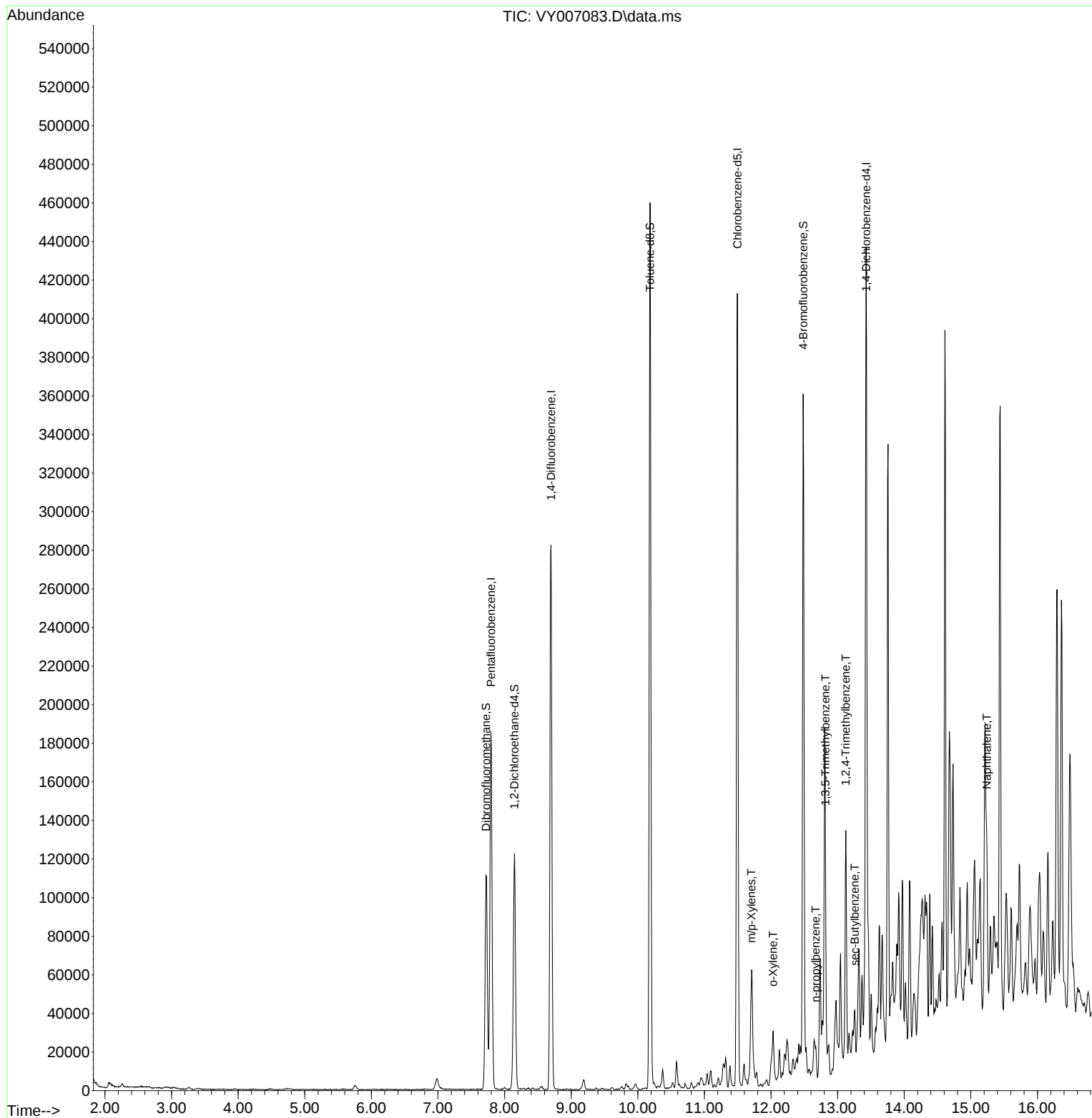
Internal Standards						
1) Pentafluorobenzene	7.795	168	135285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	245605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	221245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96367	59.543	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.080%
35) Dibromofluoromethane	7.722	113	81018	49.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.980%
50) Toluene-d8	10.185	98	295996	48.955	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.483	95	107638	49.361	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.720%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.703	106	9896	2.959	ug/l	97
69) o-Xylene	12.032	106	6093	1.945	ug/l	95
78) n-propylbenzene	12.672	91	11961	1.204	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	19997	2.989	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	62652	9.528	ug/l	97
85) sec-Butylbenzene	13.258	105	12527	1.459	ug/l	94
95) Naphthalene	15.239	128	60891	16.081	ug/l	97

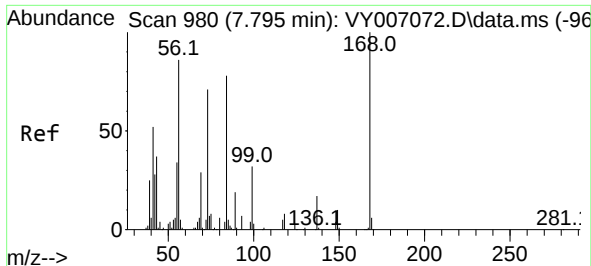
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

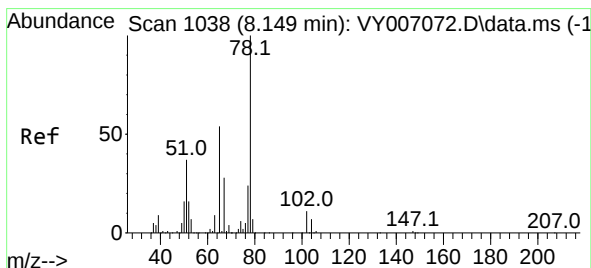
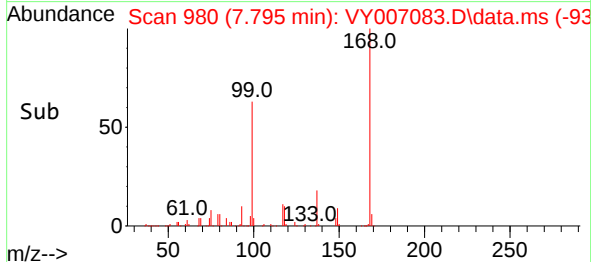
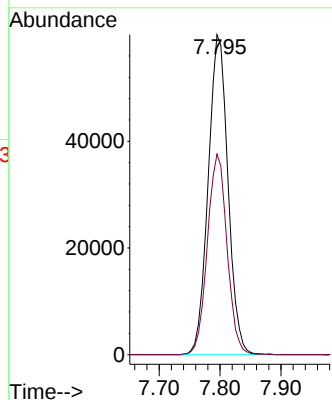
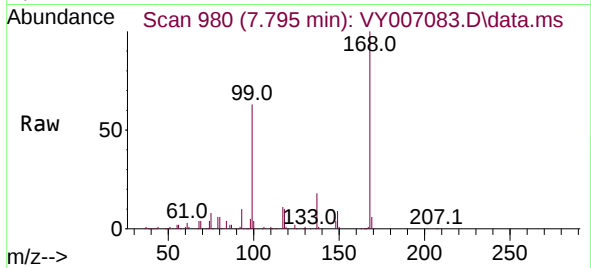




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

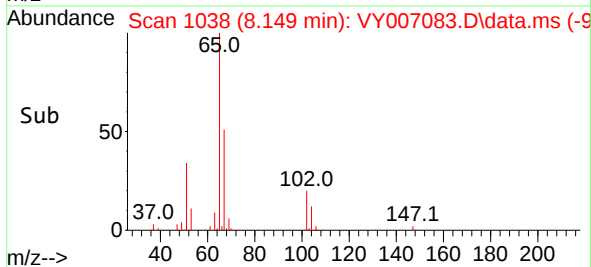
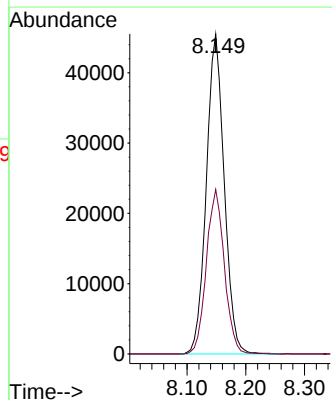
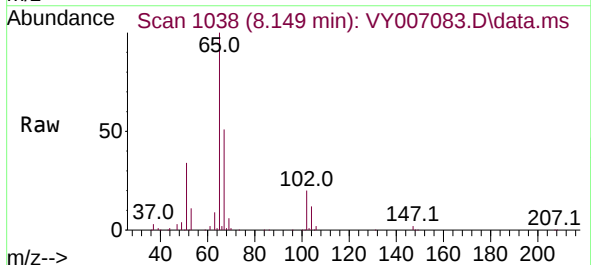
Instrument :
MSVOA_Y
ClientSampleId :
PX-1-010522

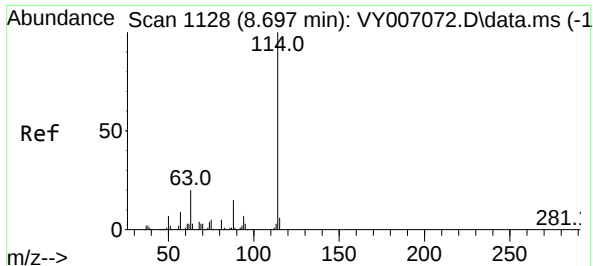
Tgt Ion:168 Resp: 135285
Ion Ratio Lower Upper
168 100
99 62.6 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 59.543 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Tgt Ion: 65 Resp: 96367
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY007083.D

Acq: 08 Jan 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

PX-1-010522

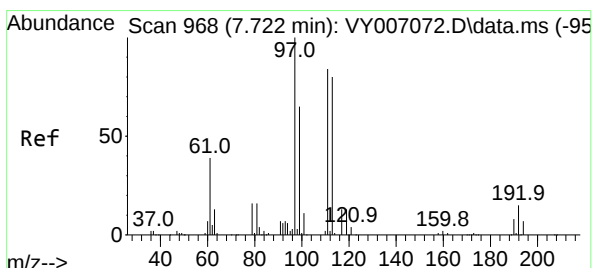
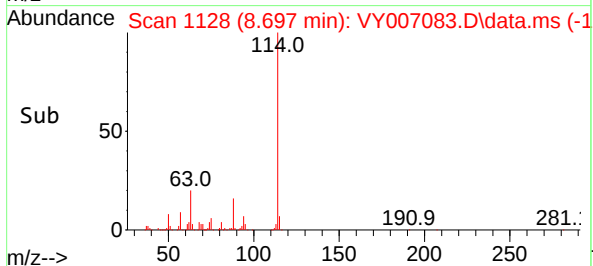
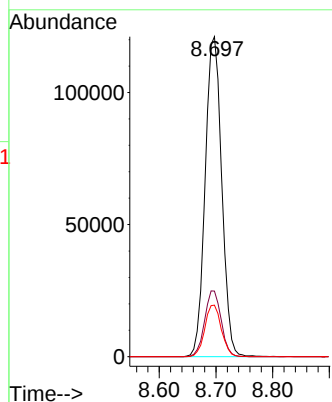
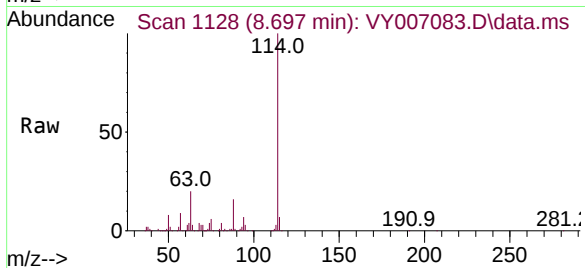
Tgt Ion:114 Resp: 245605

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

88 16.1 0.0 31.0



#35

Dibromofluoromethane

Concen: 49.495 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007083.D

Acq: 08 Jan 2022 17:04

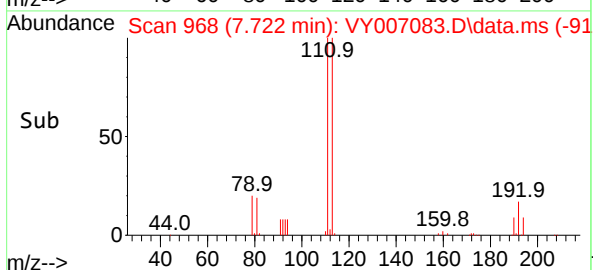
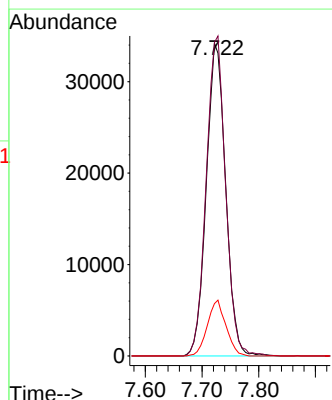
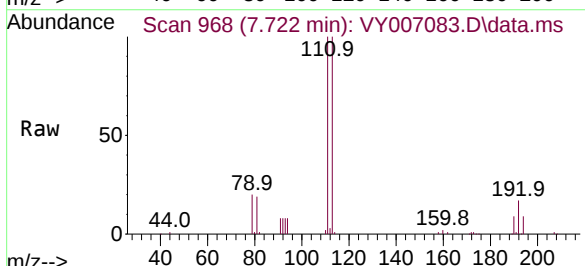
Tgt Ion:113 Resp: 81018

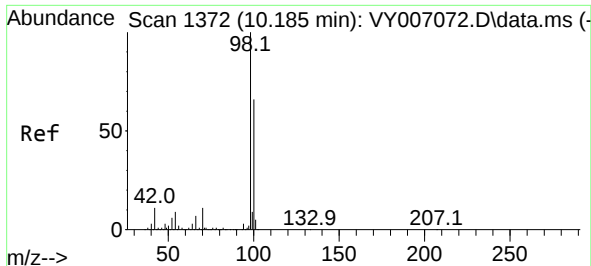
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 17.2 14.2 21.4

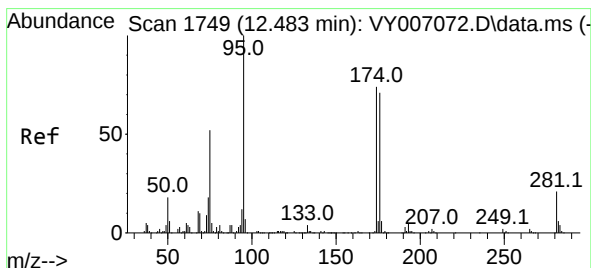
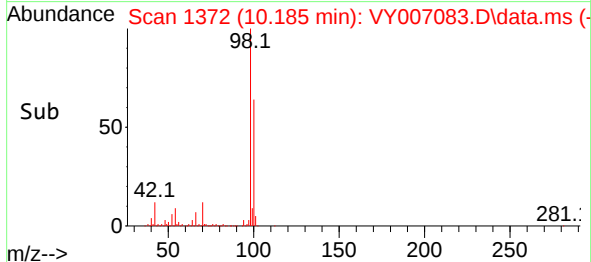
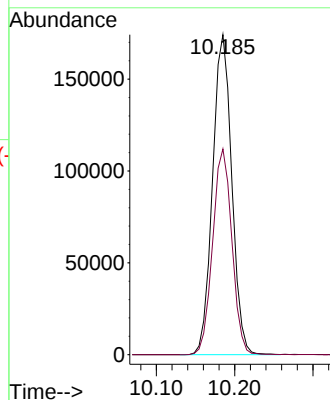
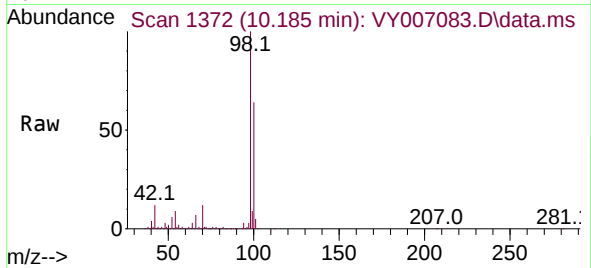




#50
Toluene-d8
Concen: 48.955 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

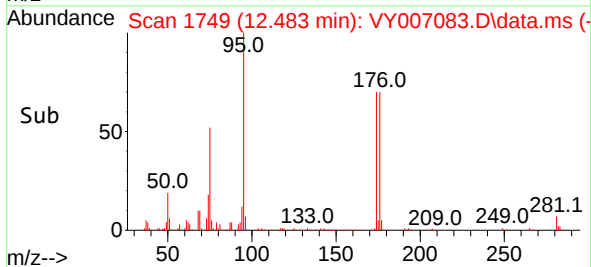
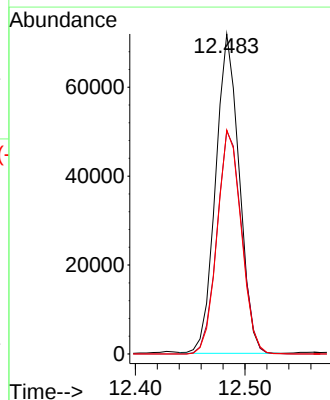
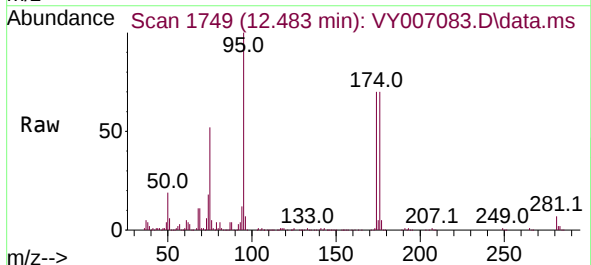
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PX-1-010522

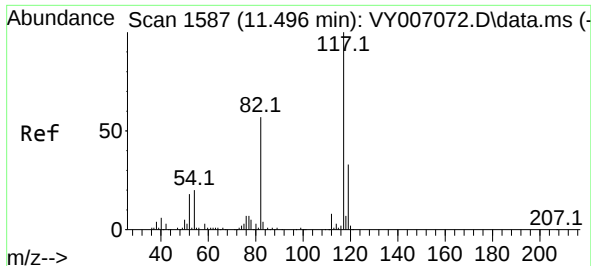
Tgt Ion: 98 Resp: 295996
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.361 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Tgt Ion: 95 Resp: 107638
Ion Ratio Lower Upper
95 100
174 72.8 0.0 148.4
176 71.5 0.0 146.6

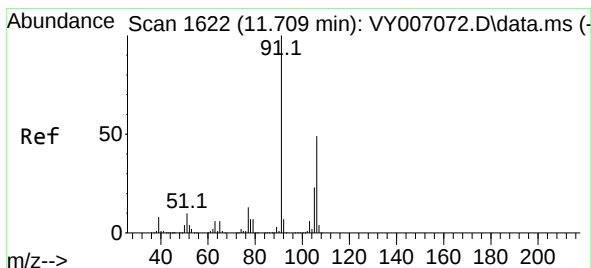
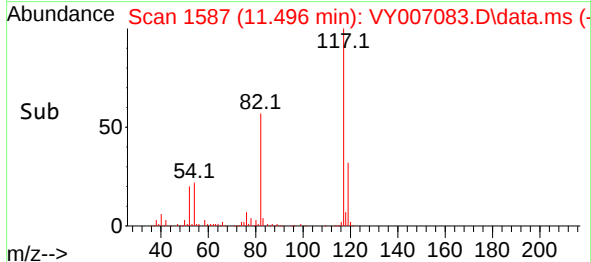
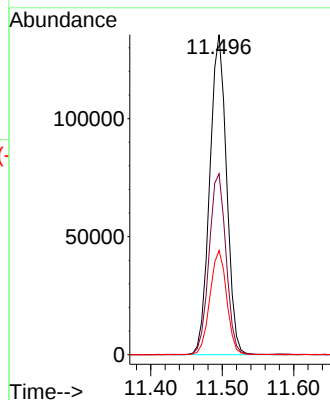
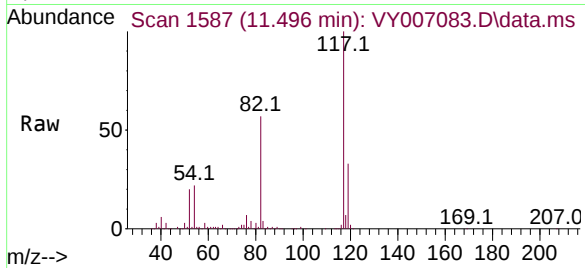




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

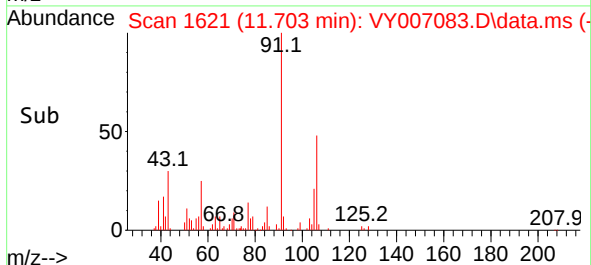
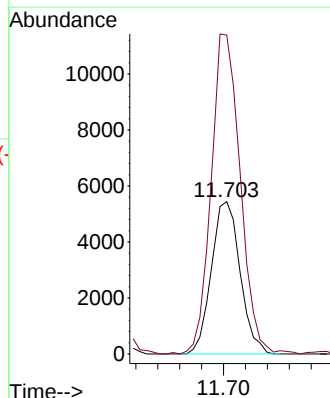
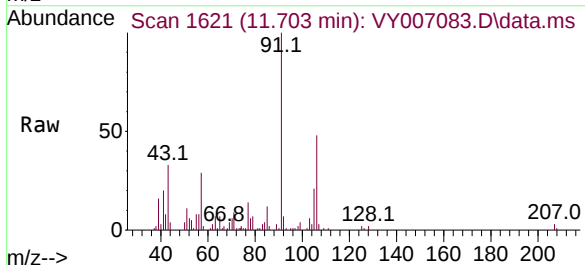
Instrument :
MSVOA_Y
ClientSampleId :
PX-1-010522

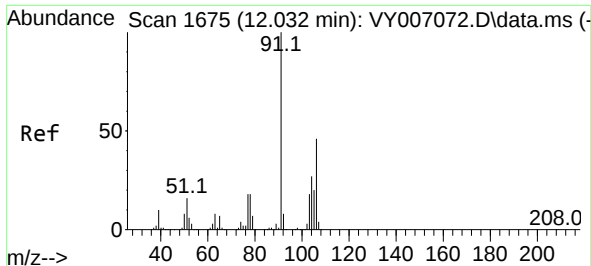
Tgt Ion:117 Resp: 221245
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 32.5 26.4 39.6



#68
m/p-Xylenes
Concen: 2.959 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Tgt Ion:106 Resp: 9896
Ion Ratio Lower Upper
106 100
91 213.0 167.1 250.7

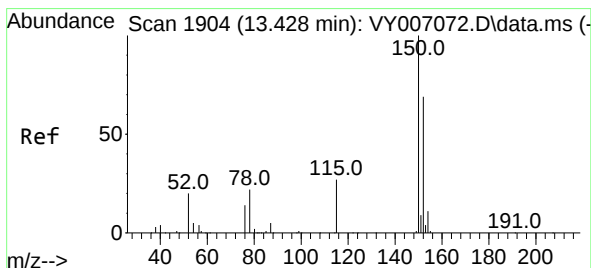
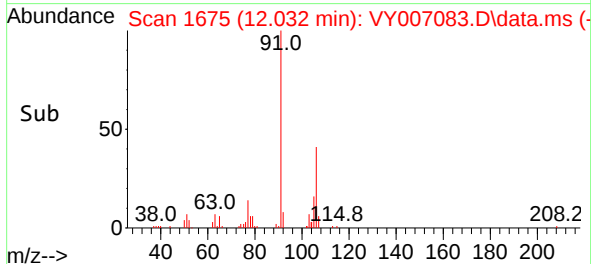
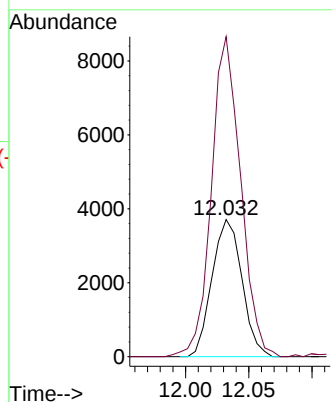
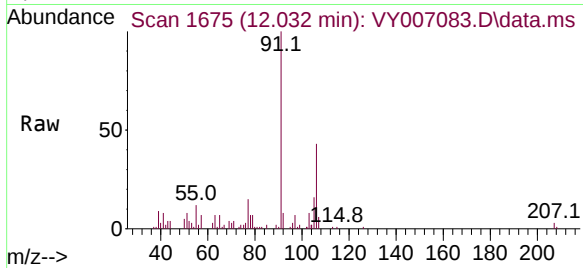




#69
o-Xylene
Concen: 1.945 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

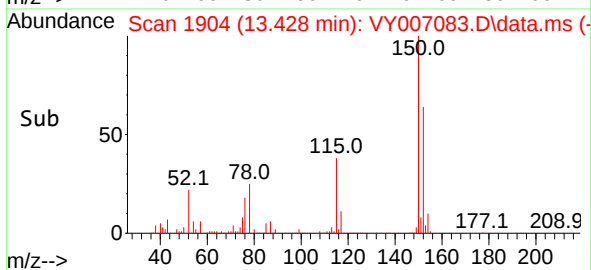
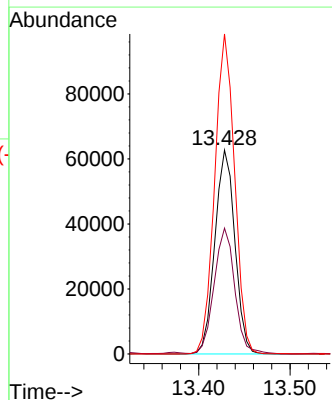
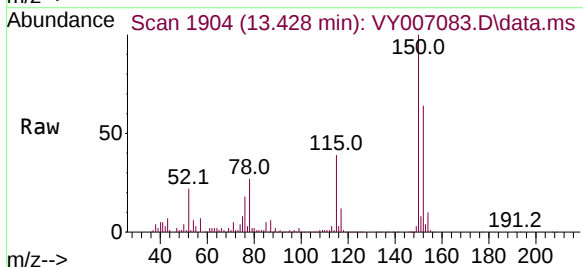
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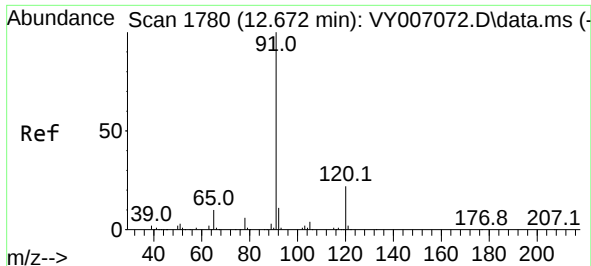
Tgt Ion:106 Resp: 6093
Ion Ratio Lower Upper
106 100
91 228.2 109.9 329.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Tgt Ion:152 Resp: 95578
Ion Ratio Lower Upper
152 100
115 63.6 31.4 94.0
150 156.1 0.0 348.4

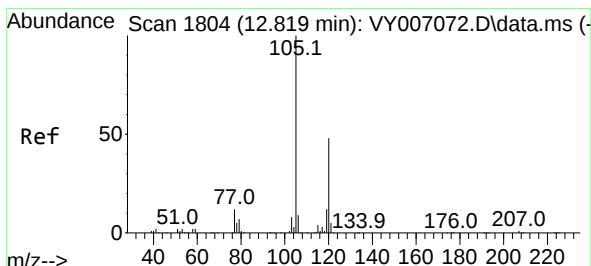
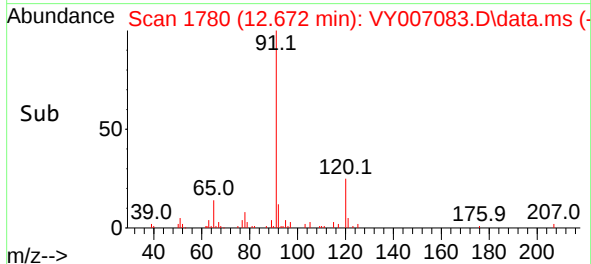
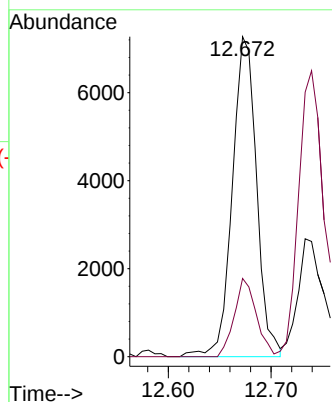
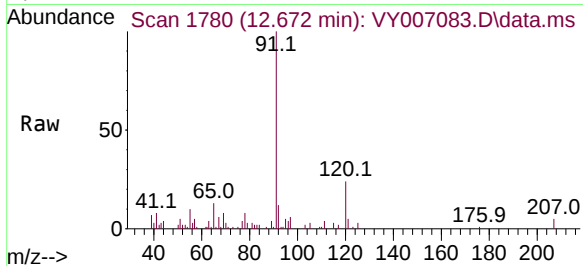




#78
n-propylbenzene
Concen: 1.204 ug/l
RT: 12.672 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

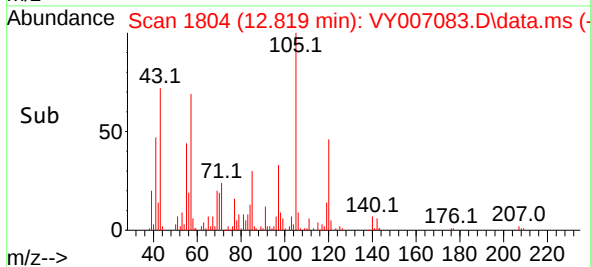
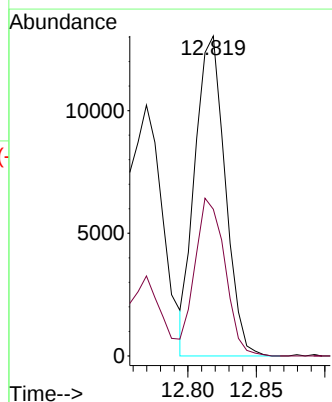
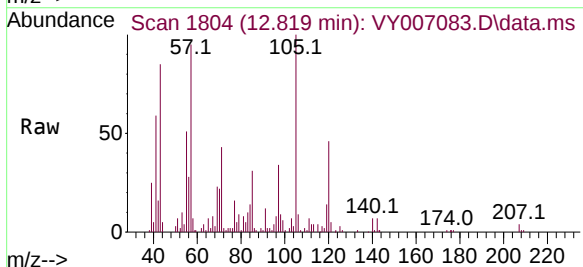
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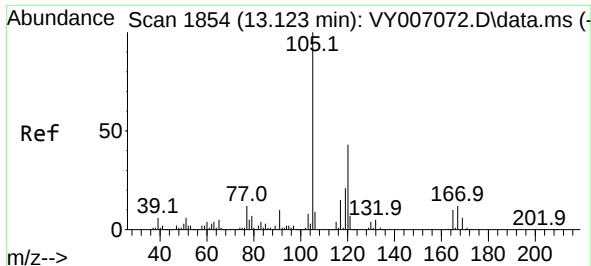
Tgt Ion: 91 Resp: 11961
Ion Ratio Lower Upper
91 100
120 22.1 11.2 33.5



#80
1,3,5-Trimethylbenzene
Concen: 2.989 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Tgt Ion: 105 Resp: 19997
Ion Ratio Lower Upper
105 100
120 48.9 23.7 71.1

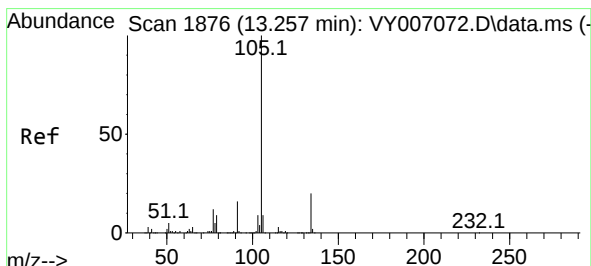
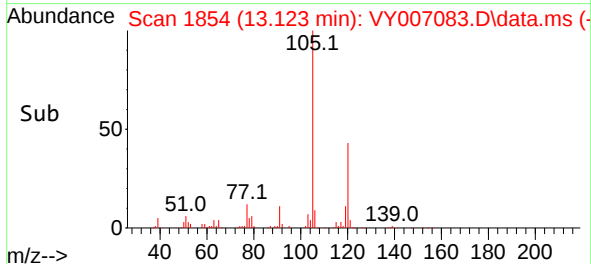
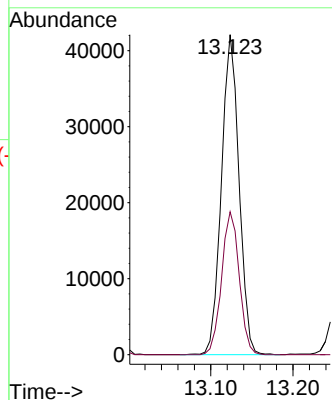
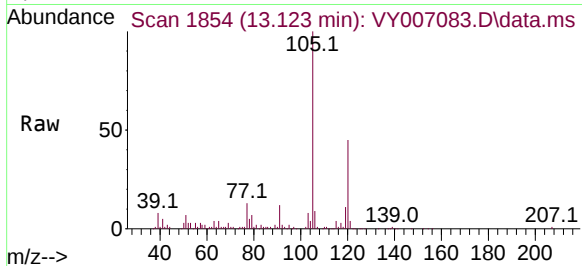




#84
1,2,4-Trimethylbenzene
Concen: 9.528 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

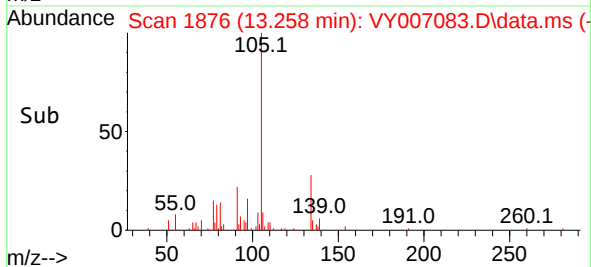
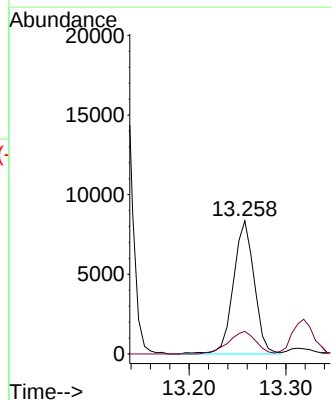
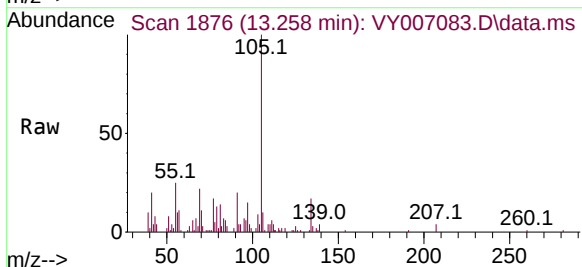
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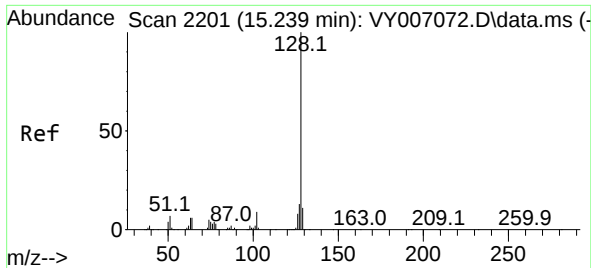
Tgt Ion:105 Resp: 62652
Ion Ratio Lower Upper
105 100
120 44.7 21.6 64.6



#85
sec-Butylbenzene
Concen: 1.459 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Tgt Ion:105 Resp: 12527
Ion Ratio Lower Upper
105 100
134 22.3 9.9 29.7





#95

Naphthalene

Concen: 16.081 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY007083.D

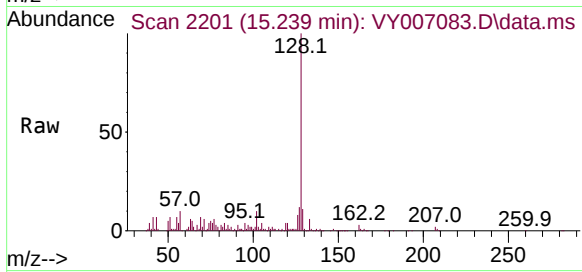
Acq: 08 Jan 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:128 Resp: 60891

Ion Ratio Lower Upper

128 100

127 14.9 10.3 15.5

129 11.2 8.9 13.3

