

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
 Data File : VY010770.D
 Acq On : 03 Oct 2022 16:50
 Operator : KP/MD
 Sample : N4862-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-203

Quant Time: Oct 04 07:31:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

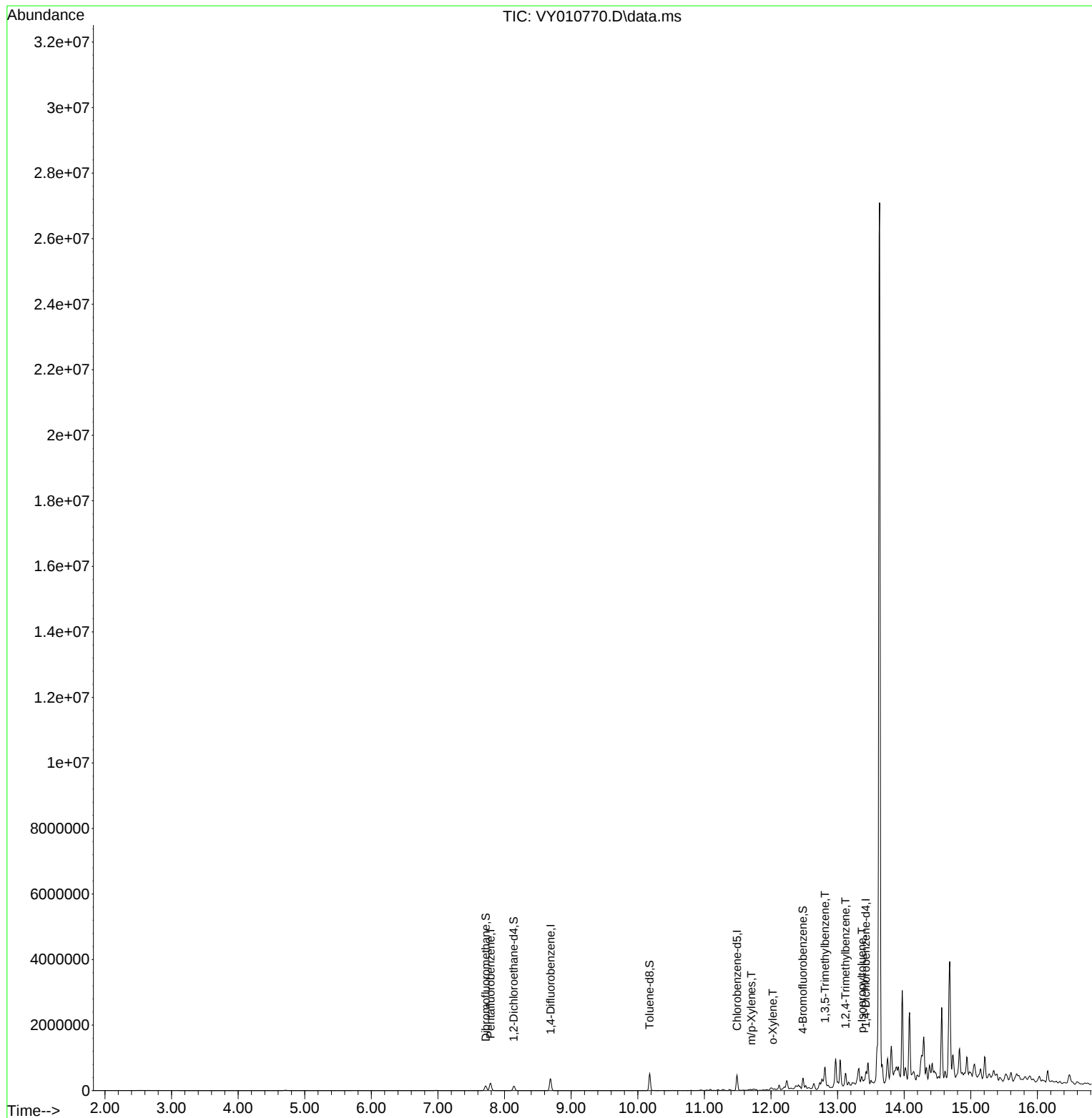
Internal Standards						
1) Pentafluorobenzene	7.789	168	177223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	318265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	251603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90601	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	107330	59.748	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.500%			
35) Dibromofluoromethane	7.716	113	101858	48.213	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.420%			
50) Toluene-d8	10.179	98	335155	46.388	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.780%			
62) 4-Bromofluorobenzene	12.477	95	101651	34.901	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 69.800%			
Target Compounds						
68) m/p-Xylenes	11.703	106	6110	1.665	ug/l	97
69) o-Xylene	12.026	106	5814	1.695	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	225837	40.088	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	189904	34.287	ug/l	97
86) p-Isopropyltoluene	13.367	119	52127m	8.594	ug/l	

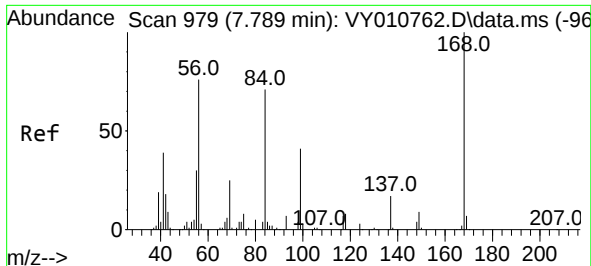
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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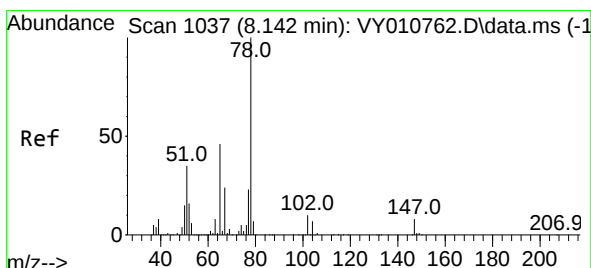
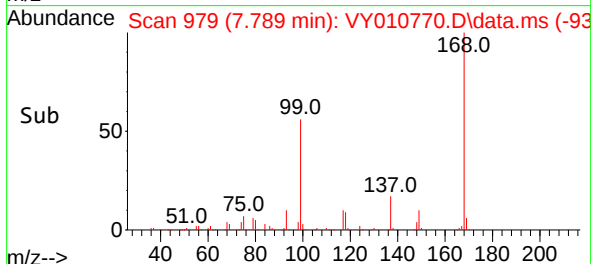
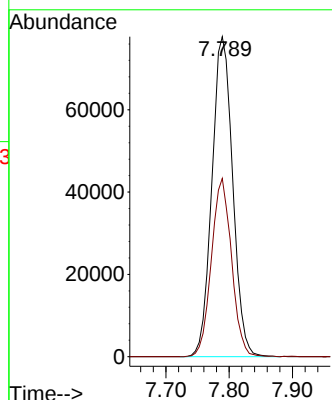
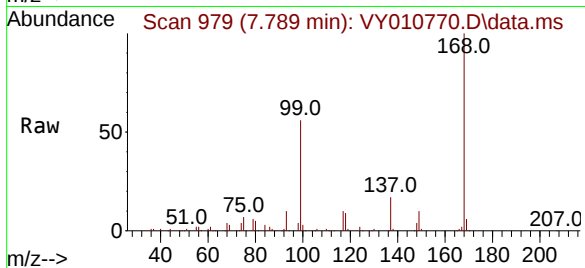




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010770.D
Acq: 03 Oct 2022 16:50

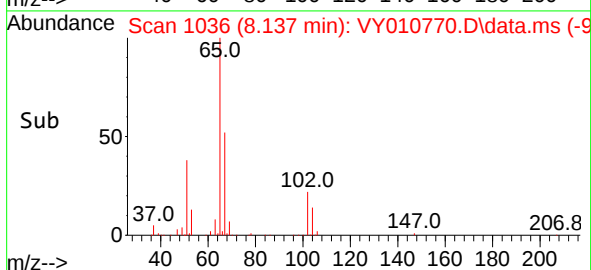
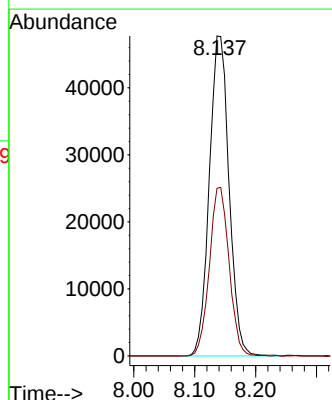
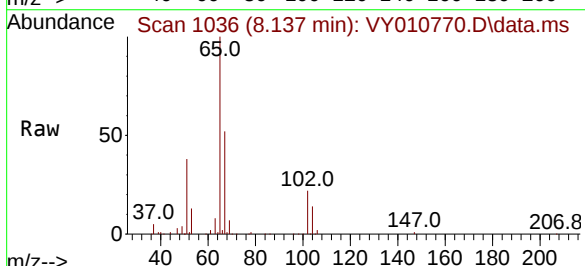
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

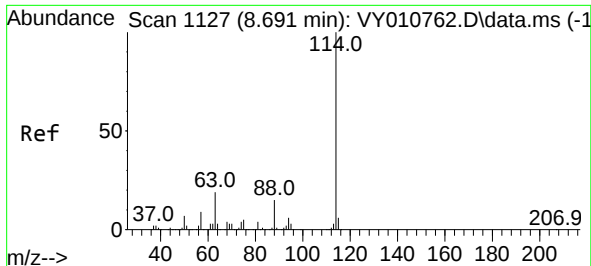
Tgt Ion:168 Resp: 177223
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.748 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010770.D
Acq: 03 Oct 2022 16:50

Tgt Ion: 65 Resp: 107330
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010770.D

Acq: 03 Oct 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-203

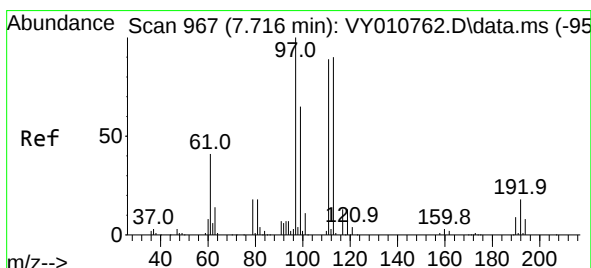
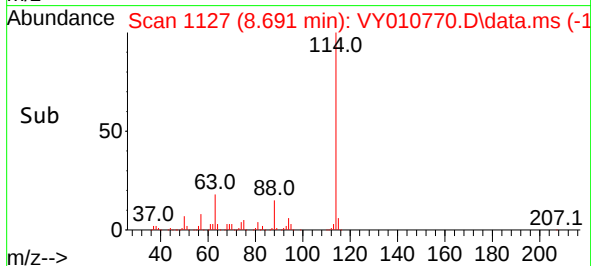
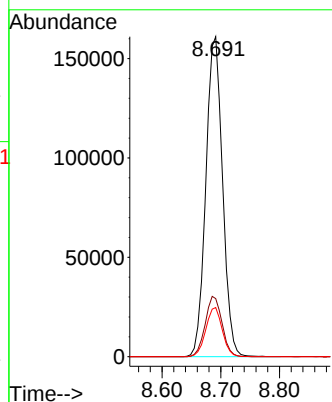
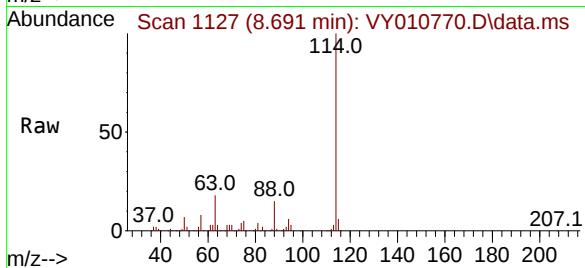
Tgt Ion:114 Resp: 318265

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.213 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010770.D

Acq: 03 Oct 2022 16:50

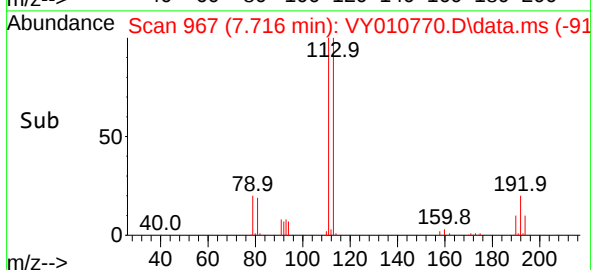
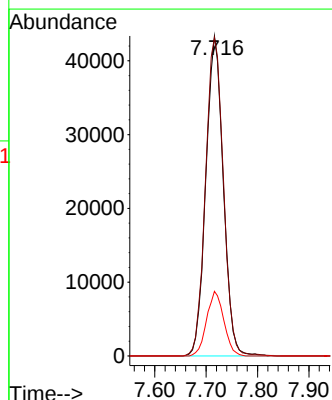
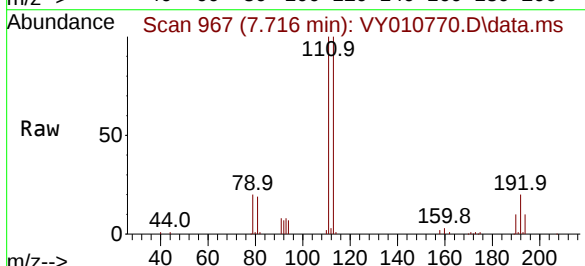
Tgt Ion:113 Resp: 101858

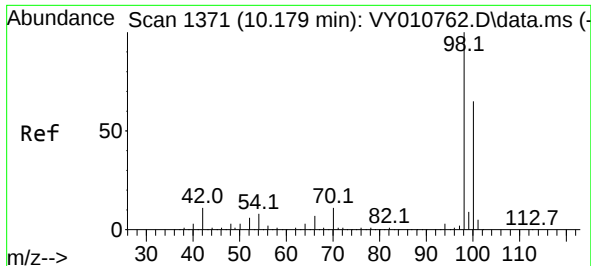
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 20.0 17.6 26.4

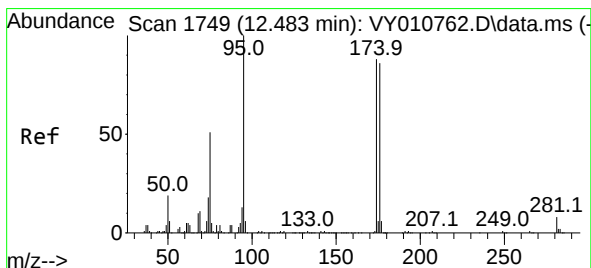
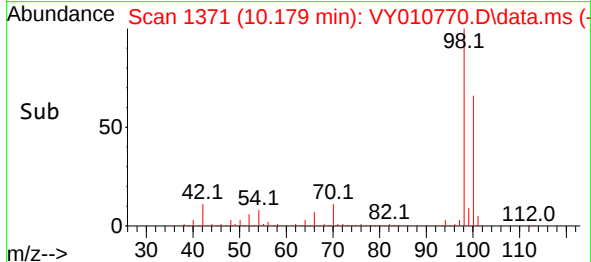
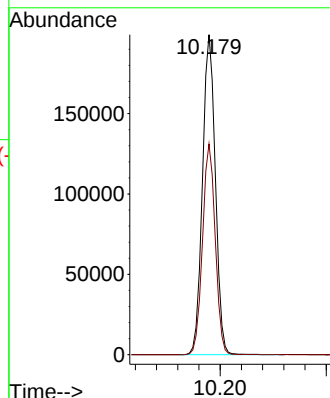
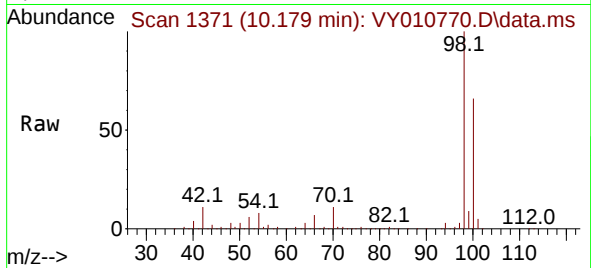




#50
Toluene-d8
Concen: 46.388 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010770.D
Acq: 03 Oct 2022 16:50

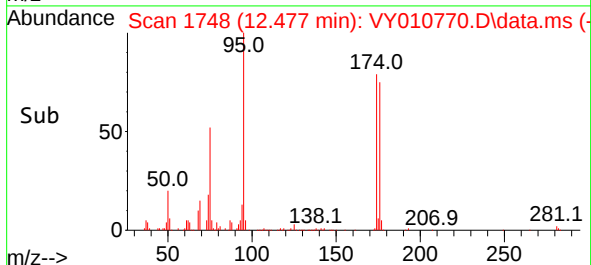
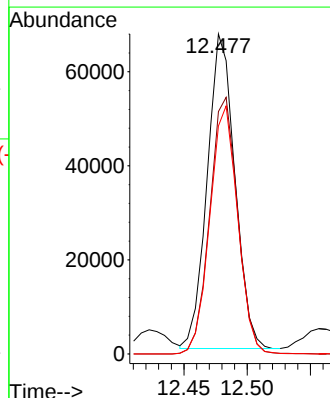
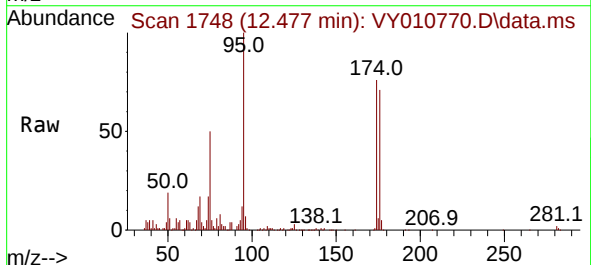
Instrument :
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VNJ-203

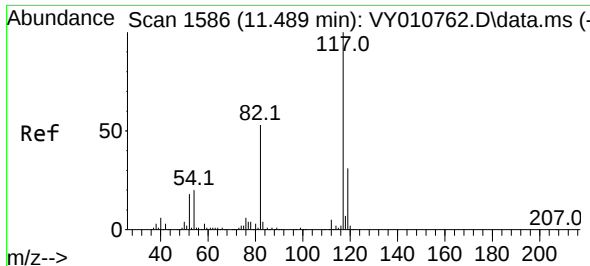
Tgt Ion: 98 Resp: 335155
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.901 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010770.D
Acq: 03 Oct 2022 16:50

Tgt Ion: 95 Resp: 101651
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 79.5 0.0 175.8

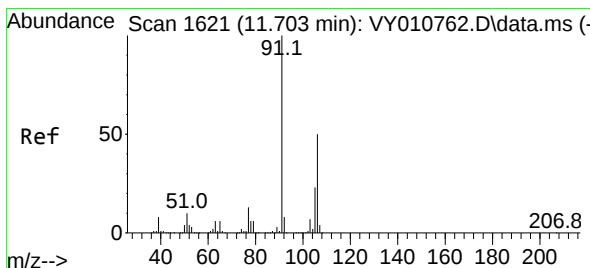
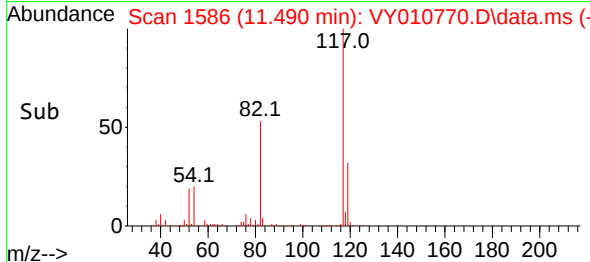
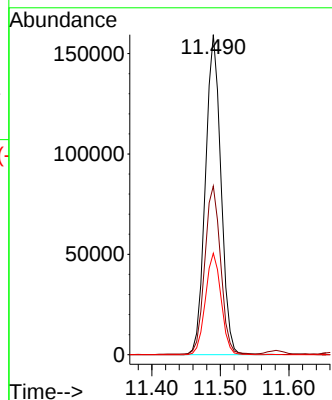
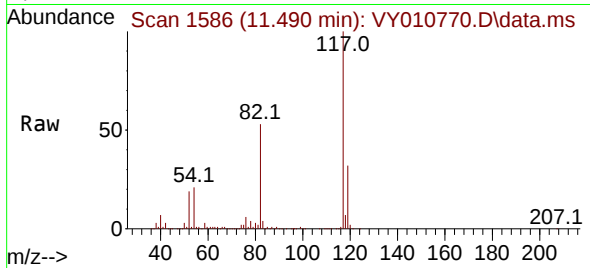




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VY010770.D
Acq: 03 Oct 2022 16:50

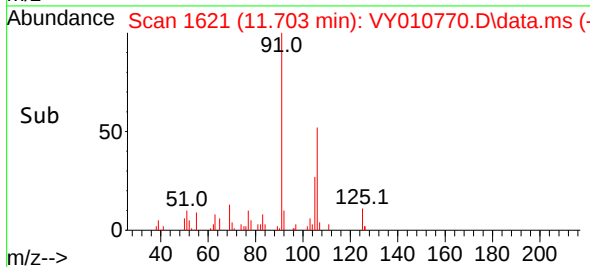
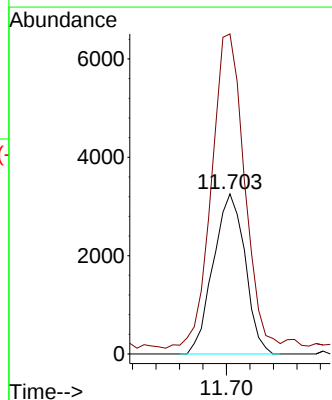
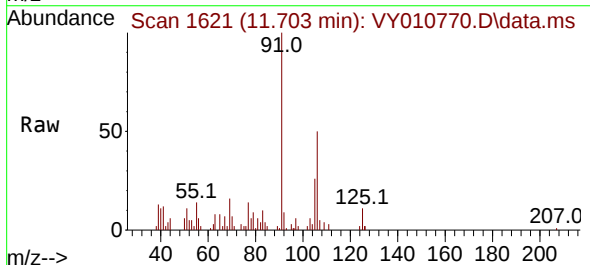
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-203

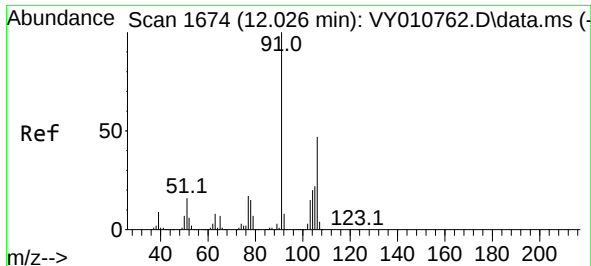
Tgt Ion:117 Resp: 251603
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 31.7 25.4 38.0



#68
m/p-Xylenes
Concen: 1.665 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY010770.D
Acq: 03 Oct 2022 16:50

Tgt Ion:106 Resp: 6110
Ion Ratio Lower Upper
106 100
91 203.1 166.6 249.8

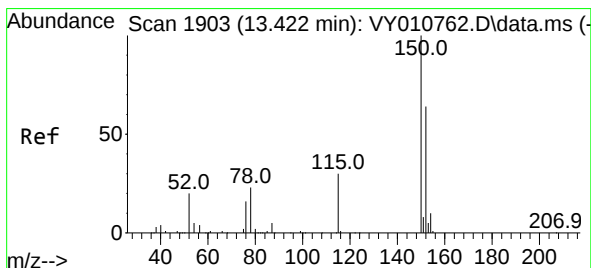
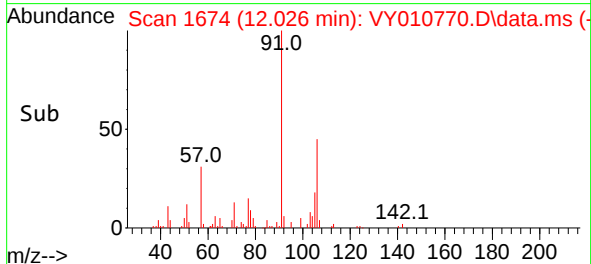
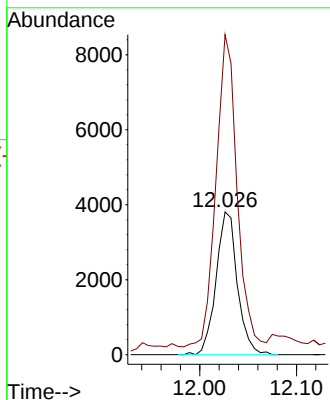
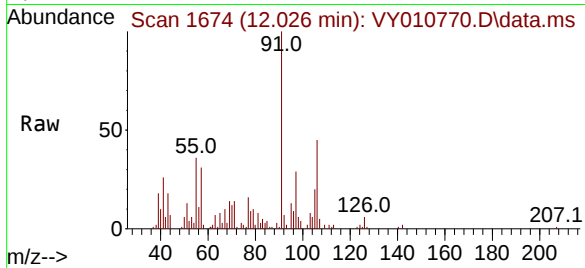




#69
o-Xylene
Concen: 1.695 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY010770.D
Acq: 03 Oct 2022 16:50

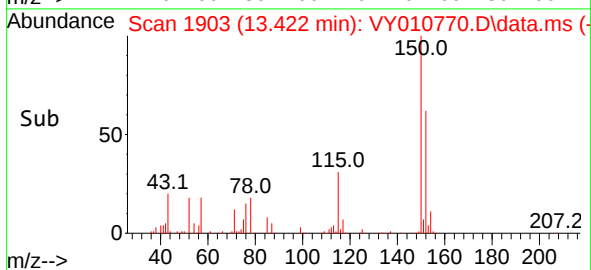
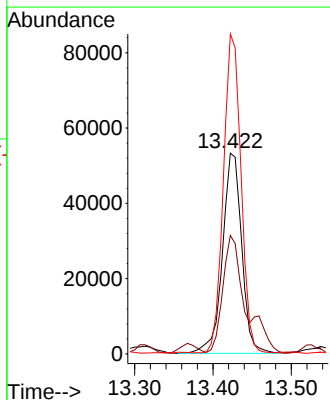
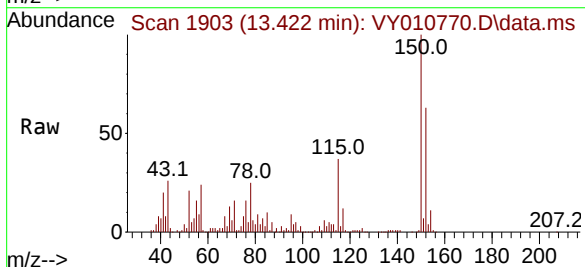
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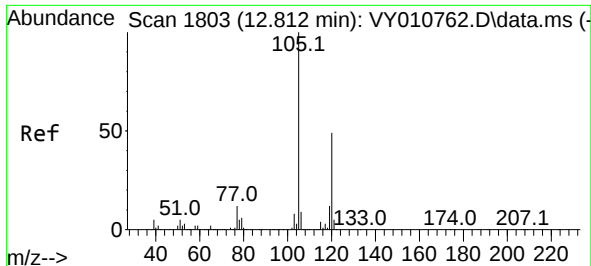
Tgt Ion:106 Resp: 5814
Ion Ratio Lower Upper
106 100
91 215.5 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010770.D
Acq: 03 Oct 2022 16:50

Tgt Ion:152 Resp: 90601
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 145.7 0.0 347.6

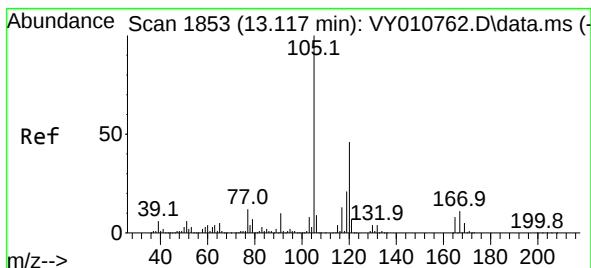
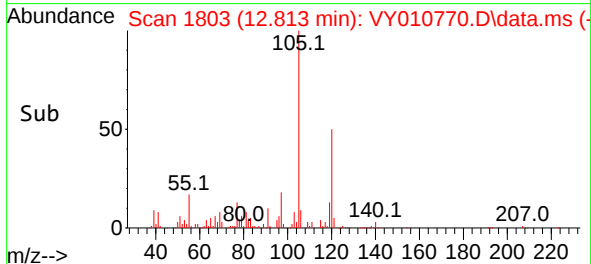
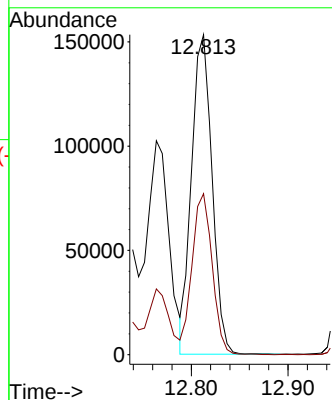
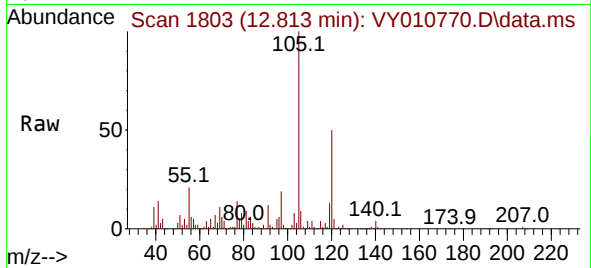




#80
 1,3,5-Trimethylbenzene
 Concen: 40.088 ug/l
 RT: 12.813 min Scan# 1803
 Delta R.T. 0.001 min
 Lab File: VY010770.D
 Acq: 03 Oct 2022 16:50

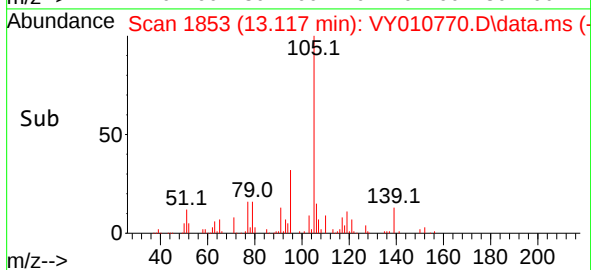
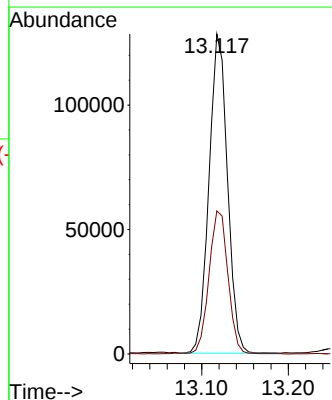
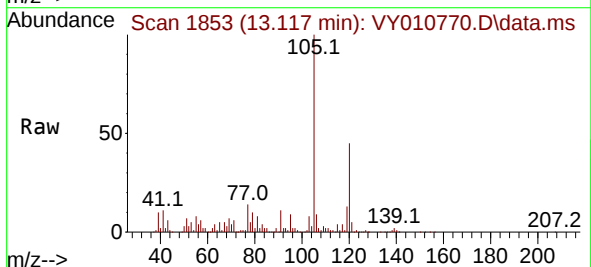
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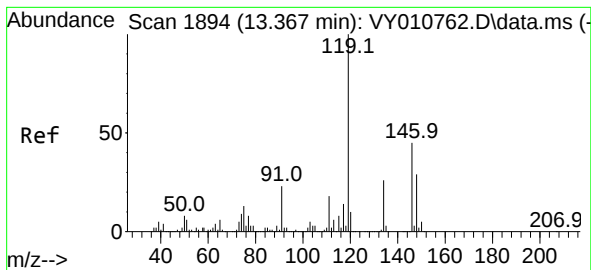
Tgt Ion:105 Resp: 225837
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4



#84
 1,2,4-Trimethylbenzene
 Concen: 34.287 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY010770.D
 Acq: 03 Oct 2022 16:50

Tgt Ion:105 Resp: 189904
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.3 66.9





#86

p-Isopropyltoluene

Concen: 8.594 ug/l m

RT: 13.367 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010770.D

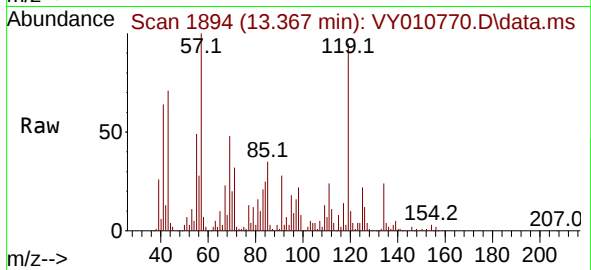
Acq: 03 Oct 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-203



Tgt Ion:119 Resp: 52127

Ion Ratio Lower Upper

119 100

134 0.0 13.2 39.5#

91 0.0 12.4 37.2#

