

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015785.D
 Acq On : 02 Oct 2023 18:38
 Operator : SY/MD
 Sample : 04657-02RE
 Misc : 5.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 U-2(2-6IN)RE

Quant Time: Oct 03 01:25:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

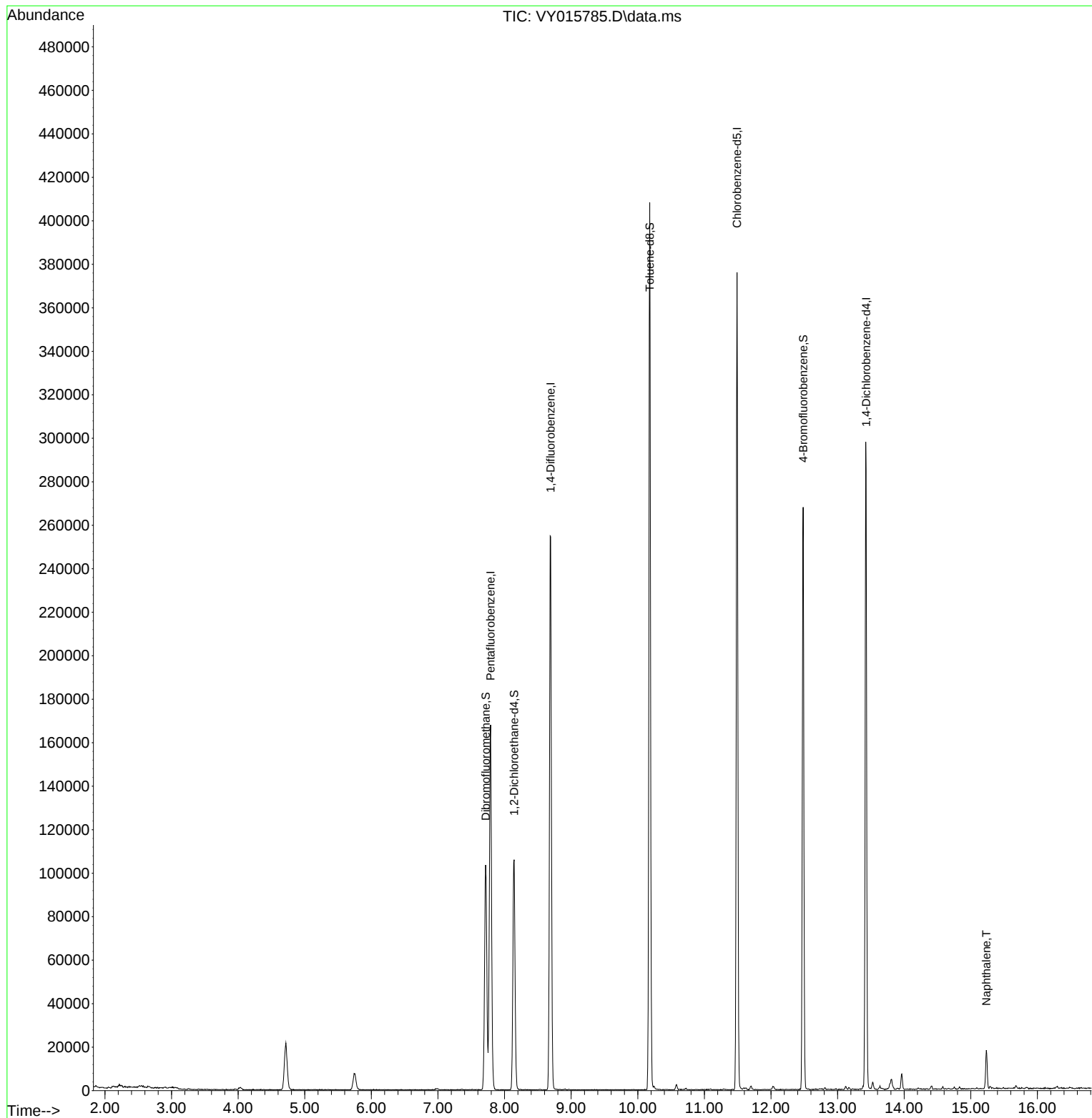
Internal Standards						
1) Pentafluorobenzene	7.789	168	128290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	199595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82551	58.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.960%	
35) Dibromofluoromethane	7.716	113	73121	54.626	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.260%	
50) Toluene-d8	10.179	98	263188	57.988	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.980%	
62) 4-Bromofluorobenzene	12.483	95	78858	44.274	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.540%	
Target Compounds						
95) Naphthalene	15.233	128	14943	3.513	ug/l	Qvalue 99

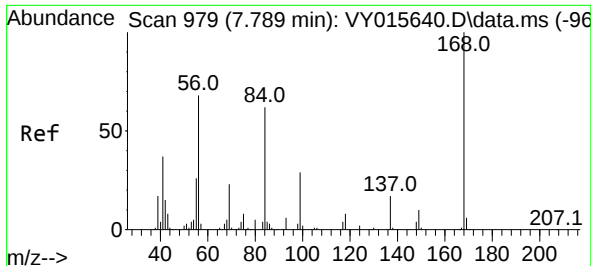
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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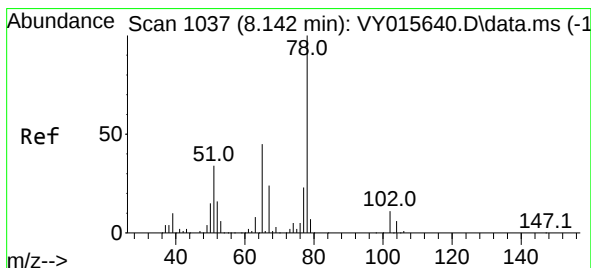
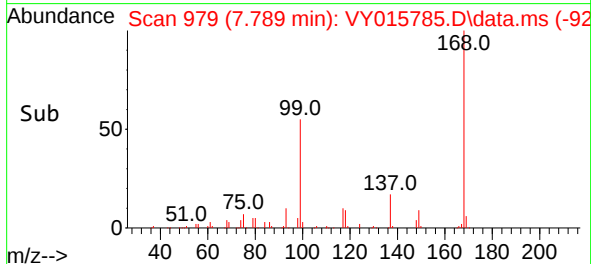
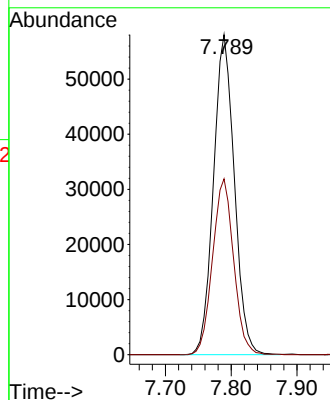
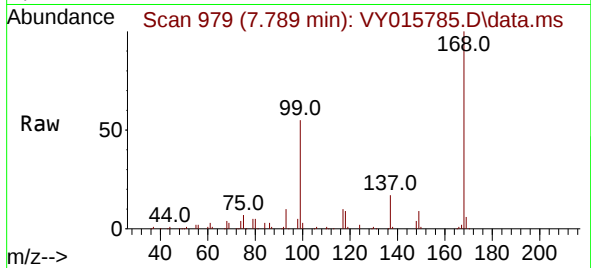




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

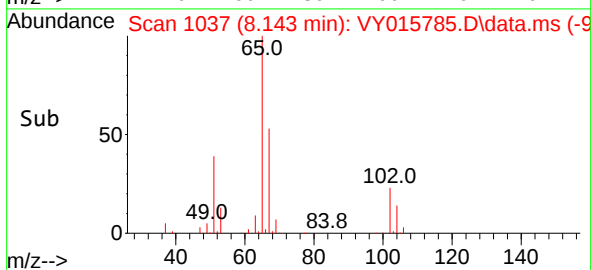
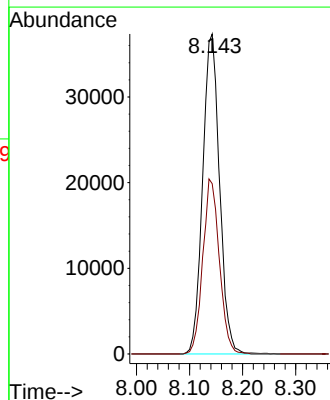
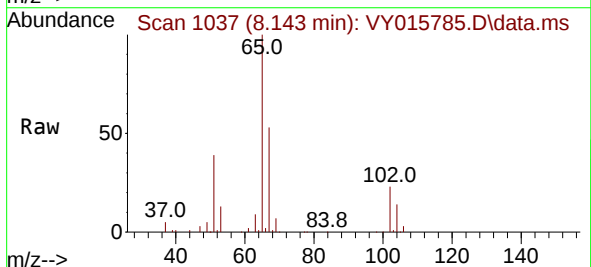
Instrument :
MSVOA_Y
ClientSampleId :
U-2(2-6IN)RE

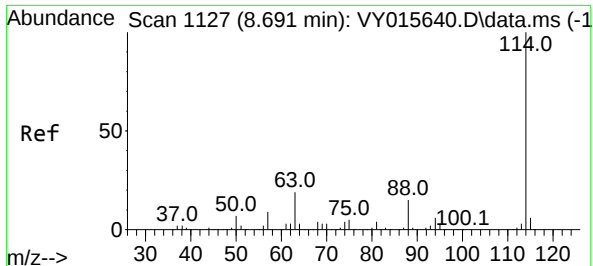
Tgt Ion:168 Resp: 128290
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.483 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

Tgt Ion: 65 Resp: 82551
Ion Ratio Lower Upper
65 100
67 53.6 0.0 101.8

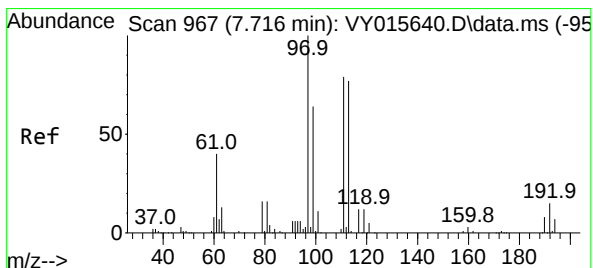
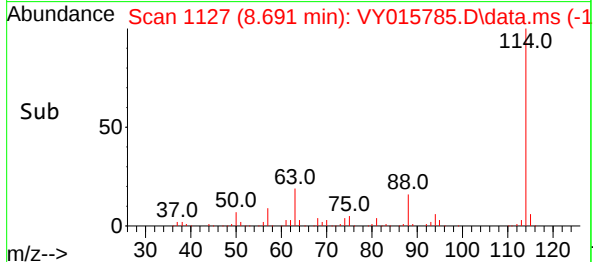
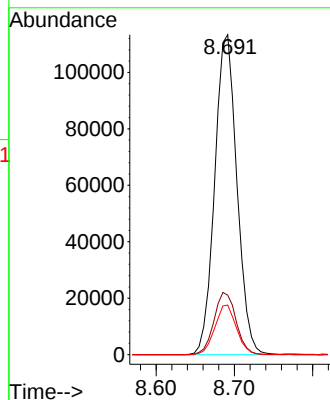
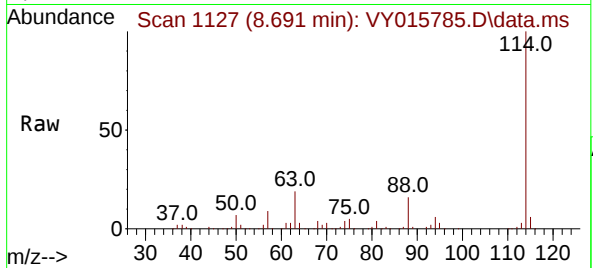




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

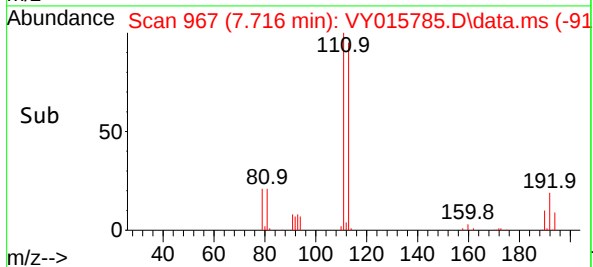
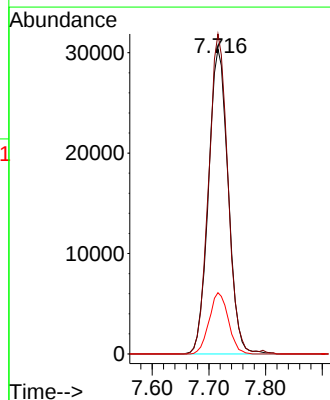
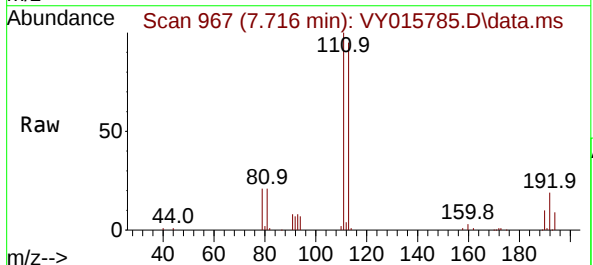
Instrument :
MSVOA_Y
ClientSampleId :
U-2(2-6IN)RE

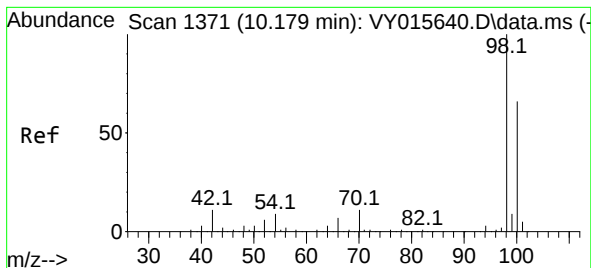
Tgt Ion:114 Resp: 223644
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.626 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

Tgt Ion:113 Resp: 73121
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3

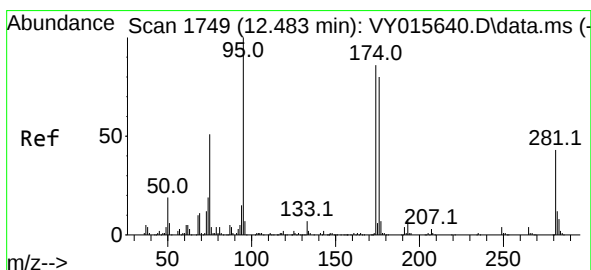
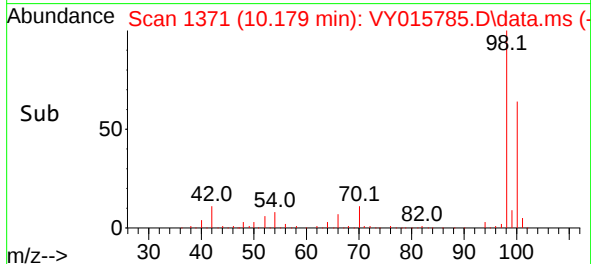
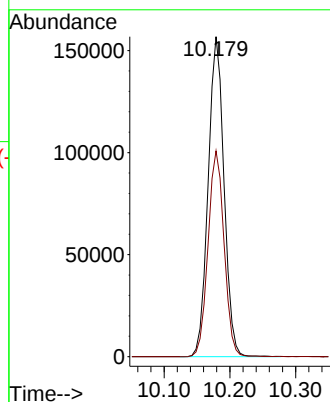
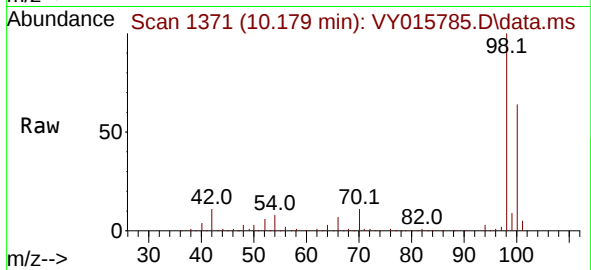




#50
Toluene-d8
Concen: 57.988 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

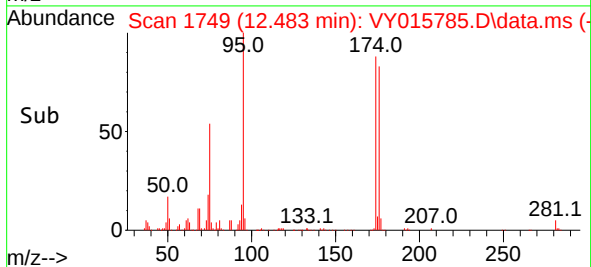
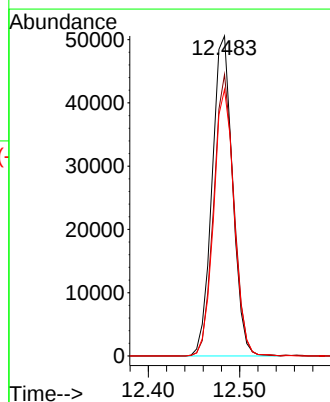
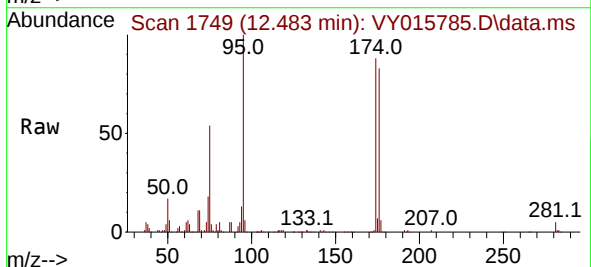
Instrument :
MSVOA_Y
ClientSampleId :
U-2(2-6IN)RE

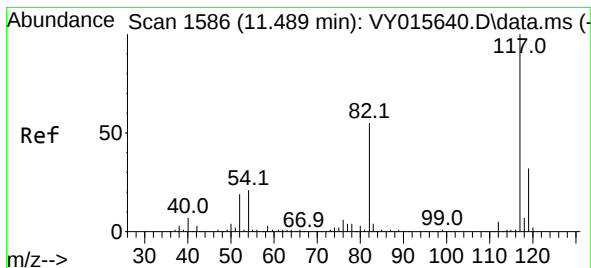
Tgt Ion: 98 Resp: 263188
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.274 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

Tgt Ion: 95 Resp: 78858
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 83.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY015785.D

Acq: 02 Oct 2023 18:38

Instrument :

MSVOA_Y

ClientSampleId :

U-2(2-6IN)RE

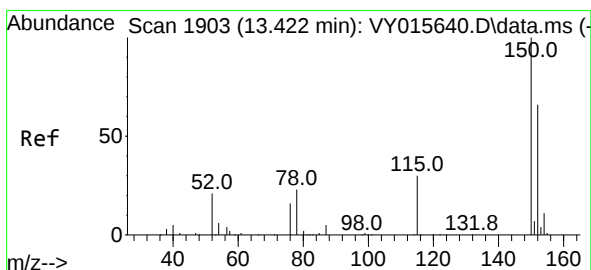
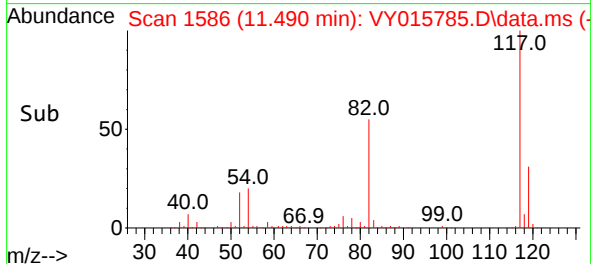
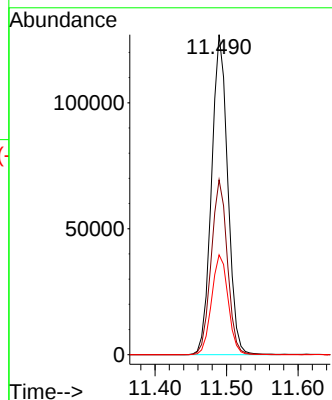
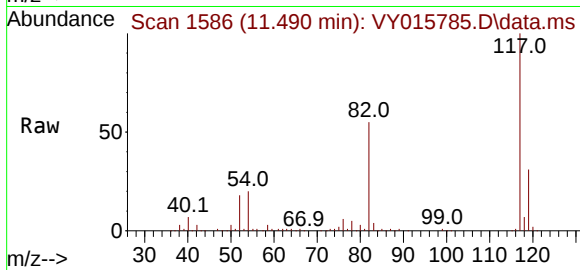
Tgt Ion:117 Resp: 199595

Ion Ratio Lower Upper

117 100

82 54.7 43.4 65.0

119 31.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015785.D

Acq: 02 Oct 2023 18:38

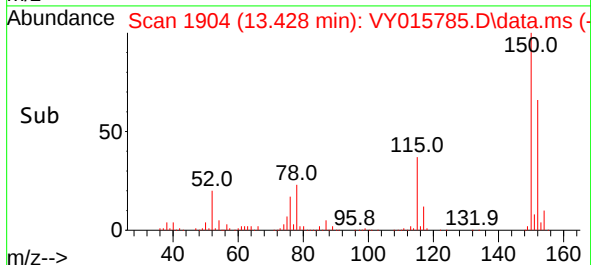
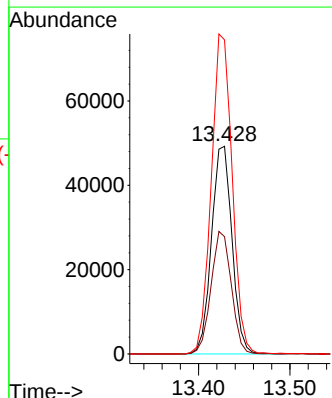
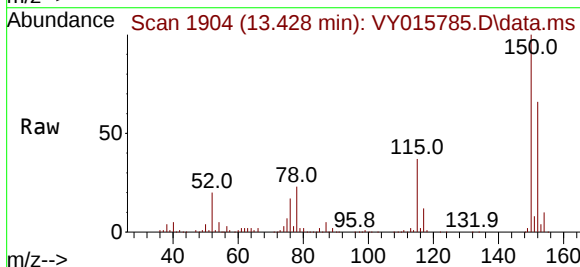
Tgt Ion:152 Resp: 76845

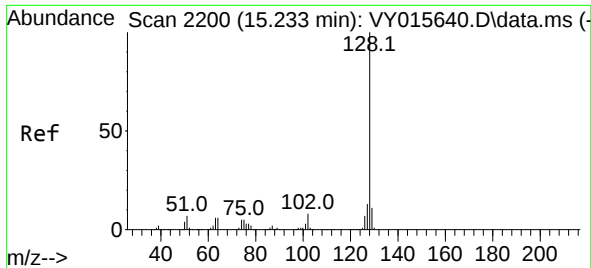
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 156.7 0.0 348.8





#95
Naphthalene
Concen: 3.513 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY015785.D
Acq: 02 Oct 2023 18:38

Instrument :
MSVOA_Y
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Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.8	16.2
129	10.7	8.6	13.0

