

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016302.D
 Acq On : 10 Nov 2023 12:48
 Operator : SY/MD
 Sample : 05345-08
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEW-PARKING-LOT-STOCKPILE-B

Quant Time: Nov 10 22:20:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	105173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	189292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	182564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	84731	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67376	70.093	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.180%
35) Dibromofluoromethane	7.728	113	59333	55.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.360%
50) Toluene-d8	10.191	98	222007	50.913	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.820%
62) 4-Bromofluorobenzene	12.489	95	78613	55.508	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.020%

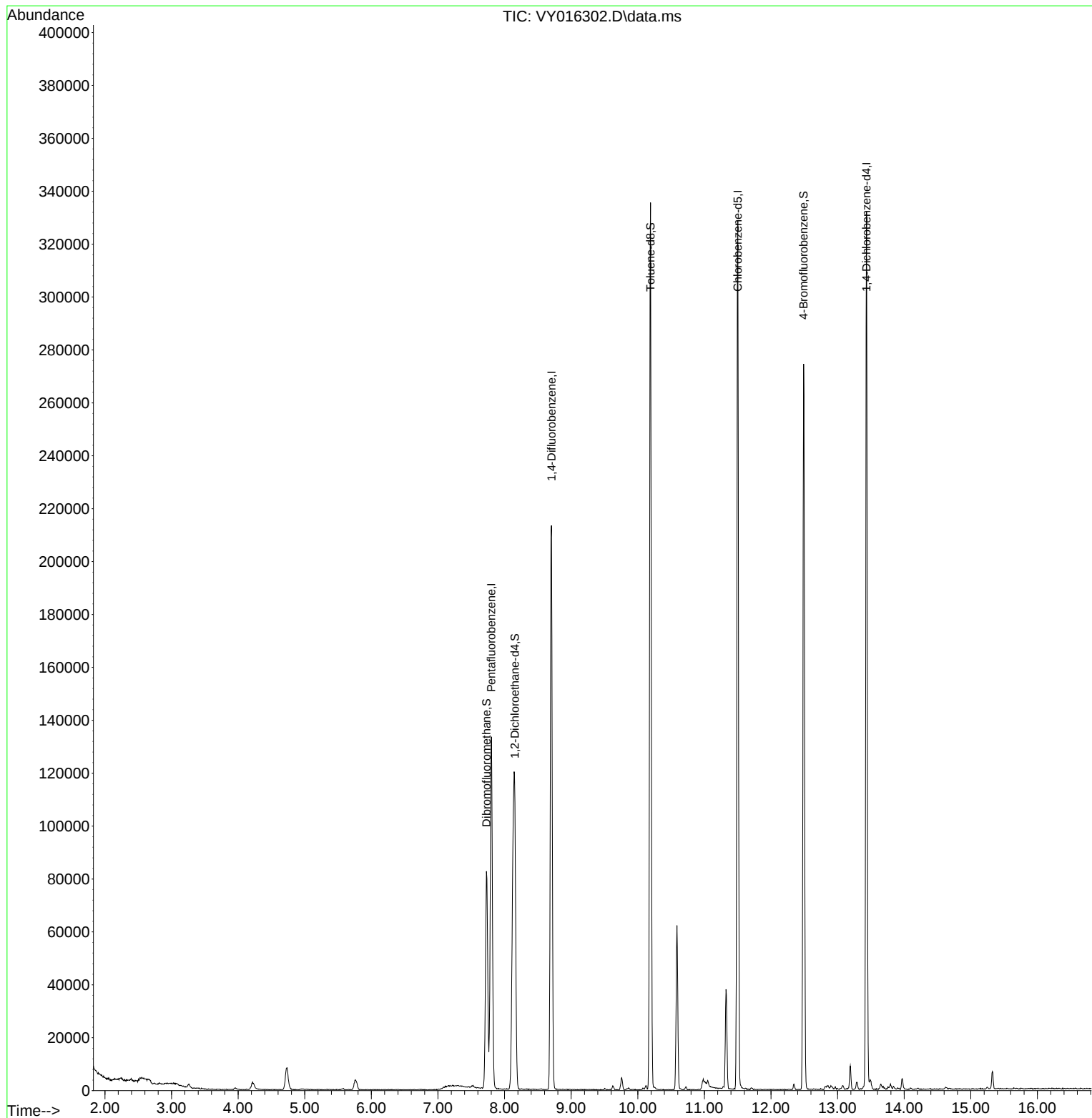
Target Compounds	Qvalue

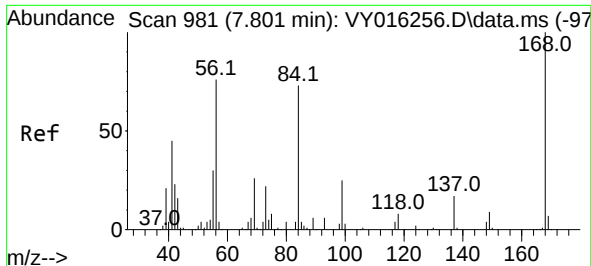
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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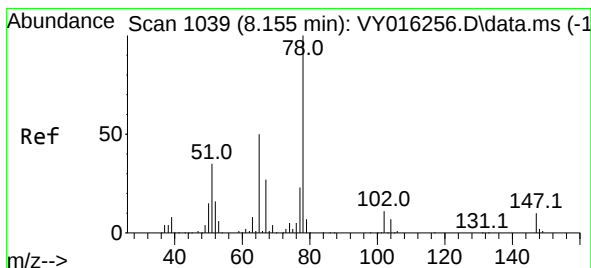
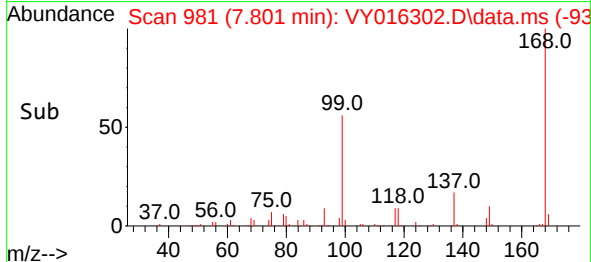
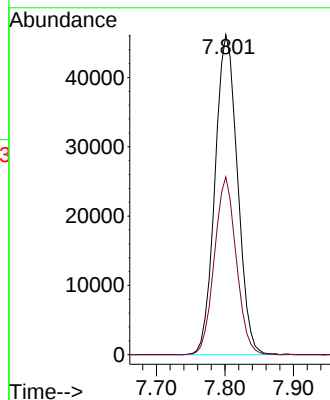
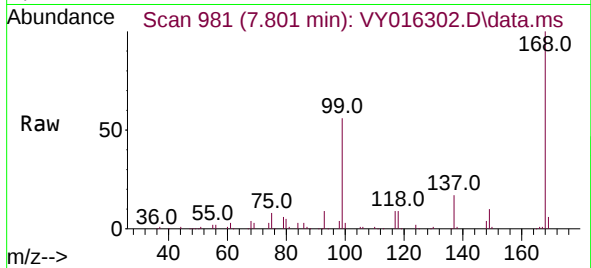




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

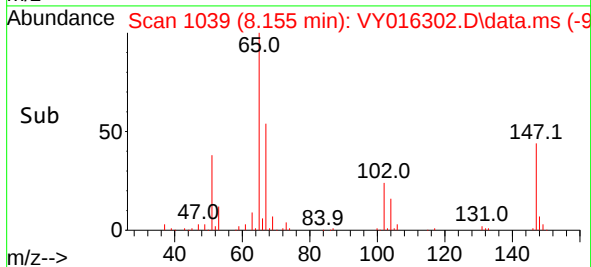
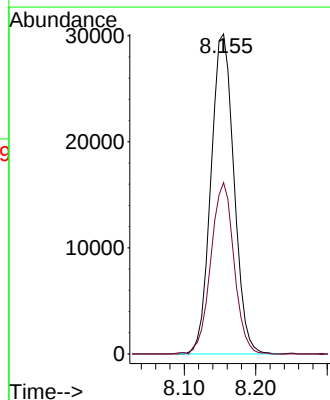
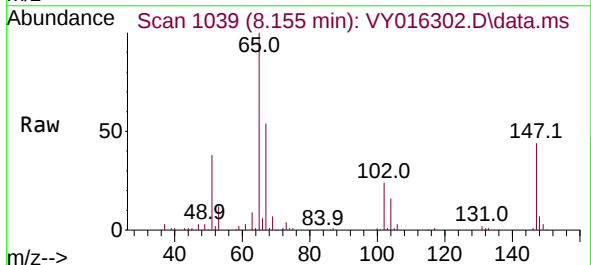
Instrument :
MSVOA_Y
ClientSampleId :
NEW-PARKING-LOT-STOCKPILE-B

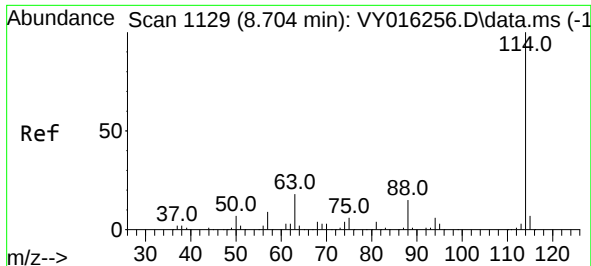
Tgt Ion:168 Resp: 105173
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 70.093 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

Tgt Ion: 65 Resp: 67376
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016302.D

Acq: 10 Nov 2023 12:48

Instrument :

MSVOA_Y

ClientSampleId :

NEW-PARKING-LOT-STOCKPILE-B

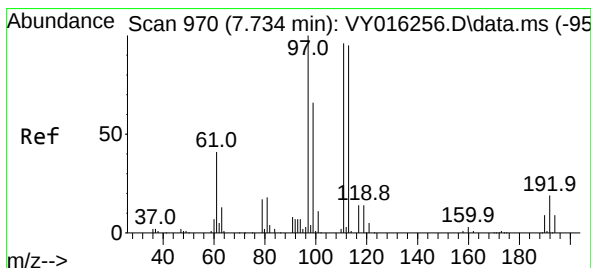
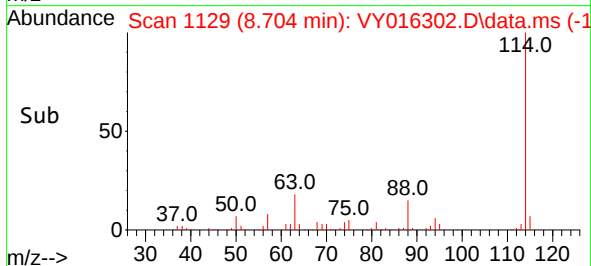
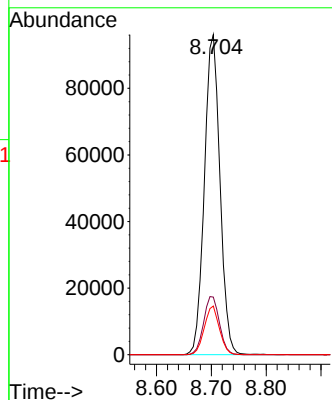
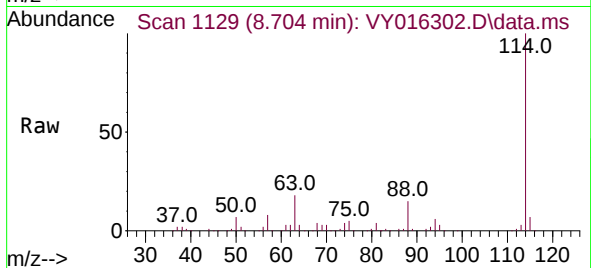
Tgt Ion:114 Resp: 189292

Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.178 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016302.D

Acq: 10 Nov 2023 12:48

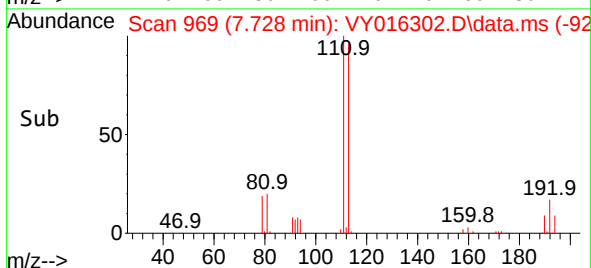
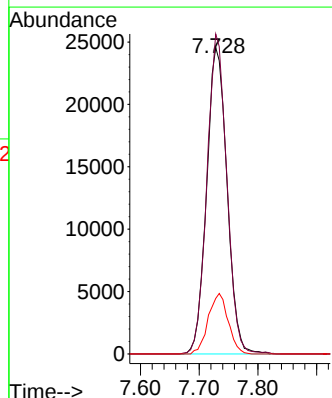
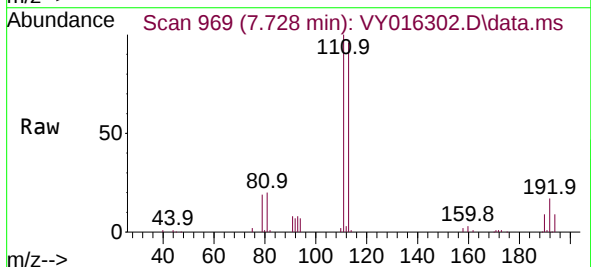
Tgt Ion:113 Resp: 59333

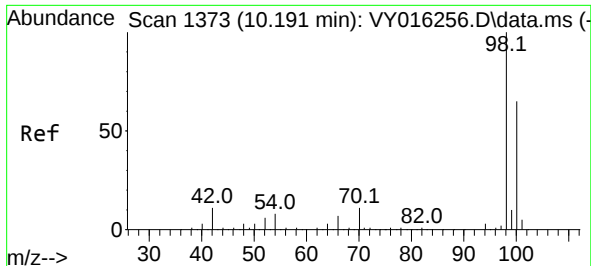
Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 19.2 16.9 25.3





#50

Toluene-d8

Concen: 50.913 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016302.D

Acq: 10 Nov 2023 12:48

Instrument :

MSVOA_Y

ClientSampleId :

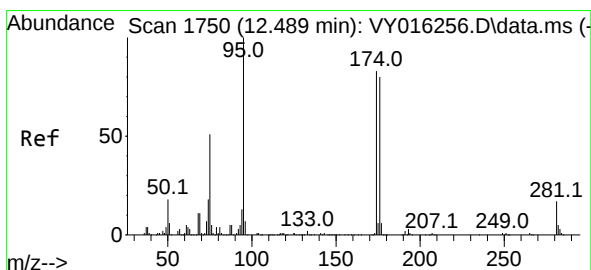
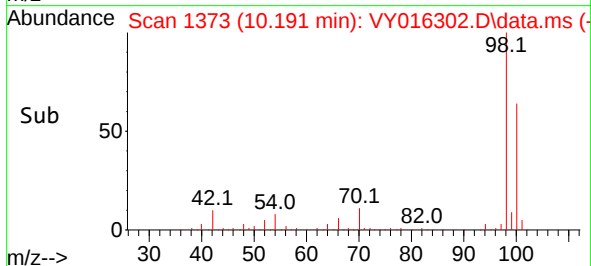
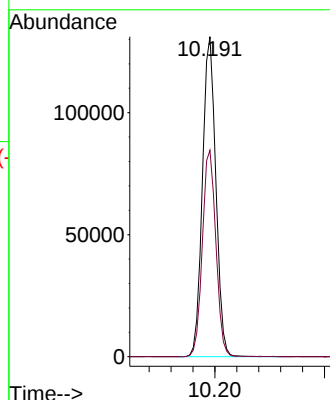
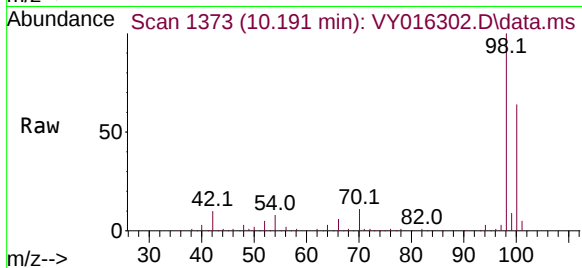
NEW-PARKING-LOT-STOCKPILE-B

Tgt Ion: 98 Resp: 222007

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 55.508 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016302.D

Acq: 10 Nov 2023 12:48

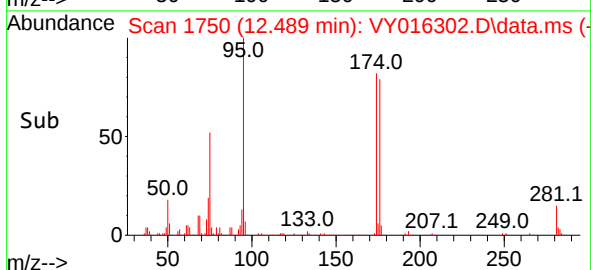
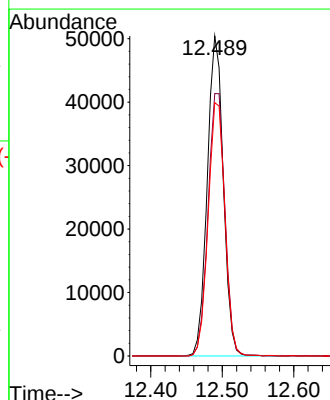
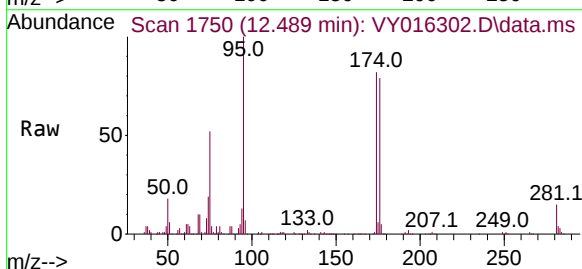
Tgt Ion: 95 Resp: 78613

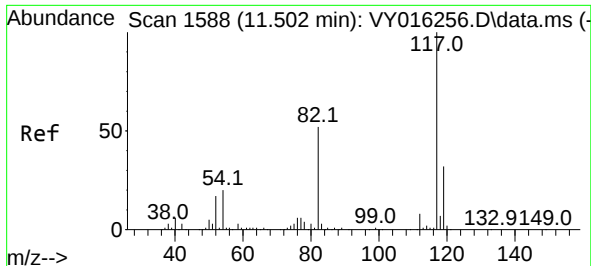
Ion Ratio Lower Upper

95 100

174 86.2 0.0 178.2

176 82.5 0.0 173.8

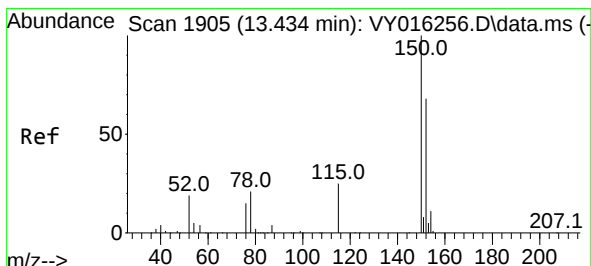
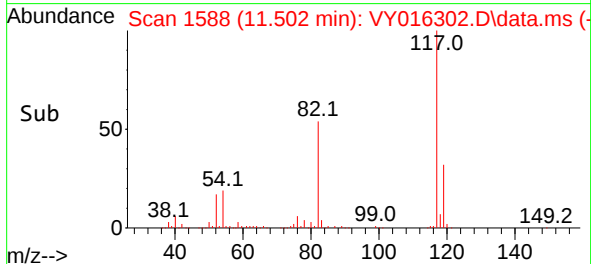
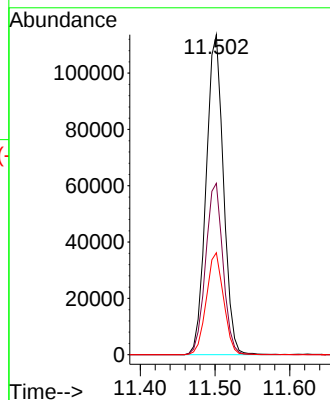
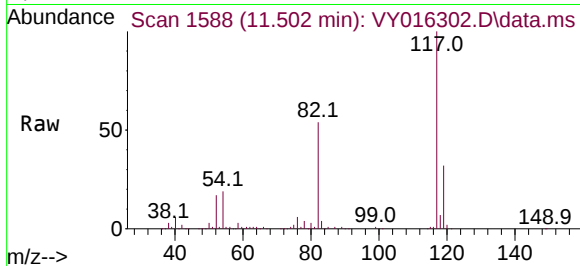




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

Instrument :
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Tgt Ion:117 Resp: 182564
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016302.D
Acq: 10 Nov 2023 12:48

Tgt Ion:152 Resp: 84731
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 157.9 0.0 348.8

