

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016855.D
 Acq On : 26 Dec 2023 16:05
 Operator : SY/MD
 Sample : 06015-05
 Misc : 6.83g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-323-0-2

Quant Time: Dec 27 01:35:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

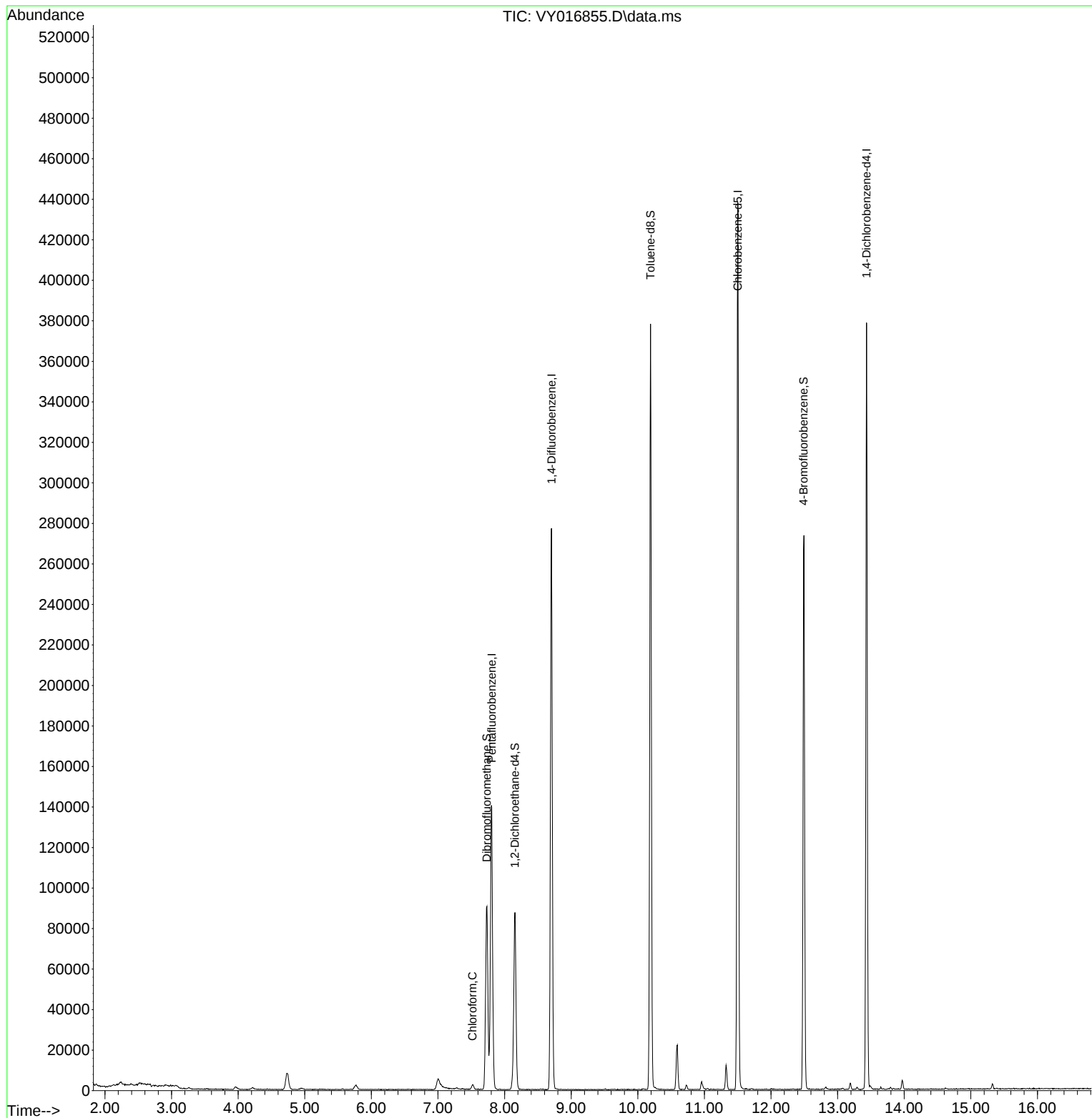
Internal Standards						
1) Pentafluorobenzene	7.807	168	104909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	229145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	232361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	89490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	65501	68.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.780%
35) Dibromofluoromethane	7.734	113	66517	50.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.360%
50) Toluene-d8	10.191	98	239393	50.593	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.180%
62) 4-Bromofluorobenzene	12.489	95	79437	51.746	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.500%
Target Compounds						
30) Chloroform	7.514	83	2361	1.119	ug/l	Qvalue 84

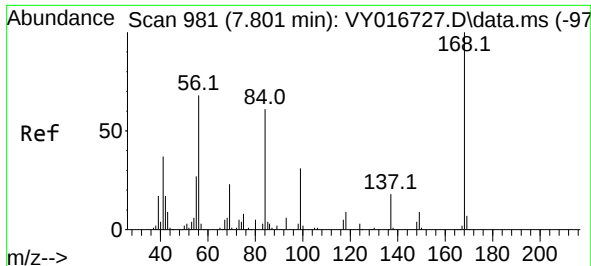
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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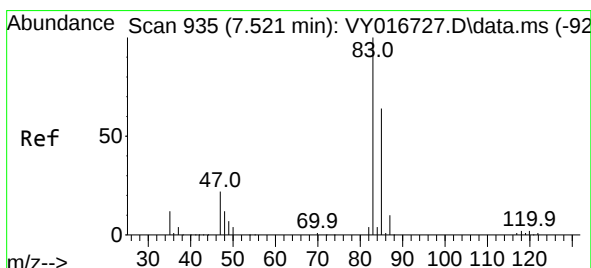
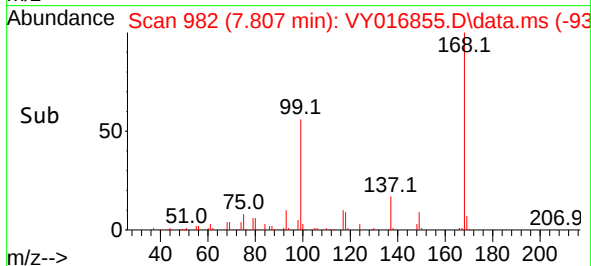
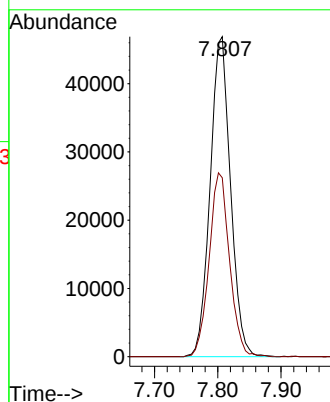
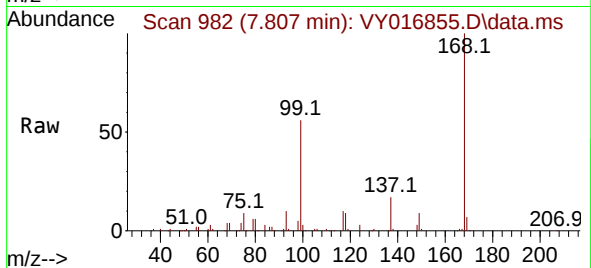




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016855.D
Acq: 26 Dec 2023 16:05

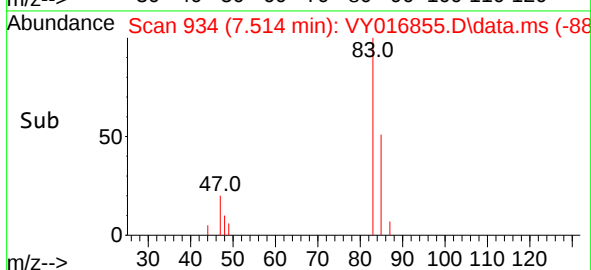
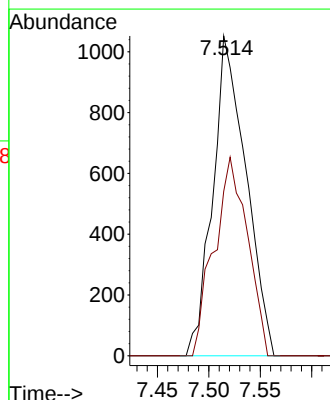
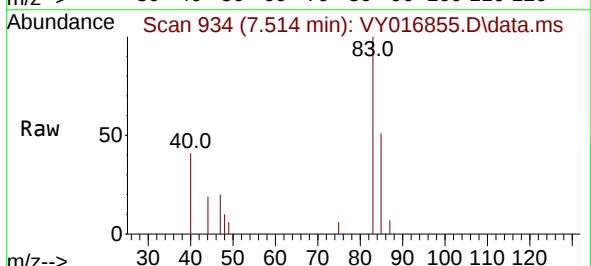
Instrument :
MSVOA_Y
ClientSampleId :
MR-323-0-2

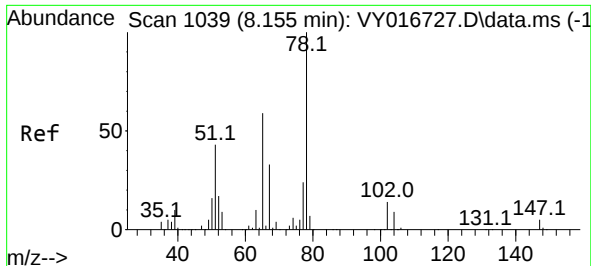
Tgt Ion:168 Resp: 104909
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#30
Chloroform
Concen: 1.119 ug/l
RT: 7.514 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY016855.D
Acq: 26 Dec 2023 16:05

Tgt Ion: 83 Resp: 2361
Ion Ratio Lower Upper
83 100
85 51.4 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 68.394 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY016855.D

Acq: 26 Dec 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

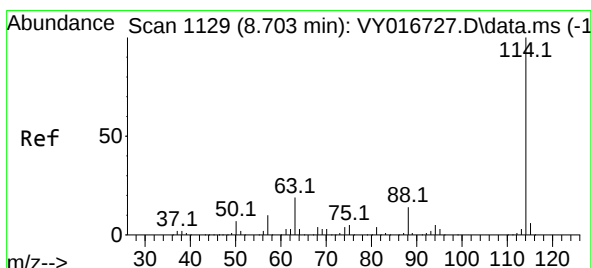
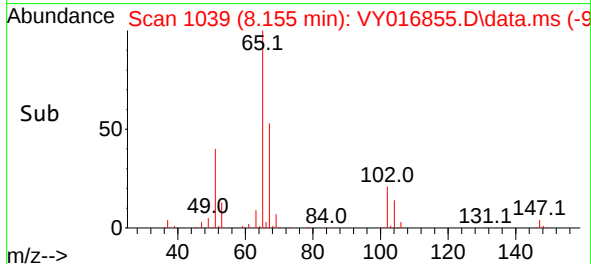
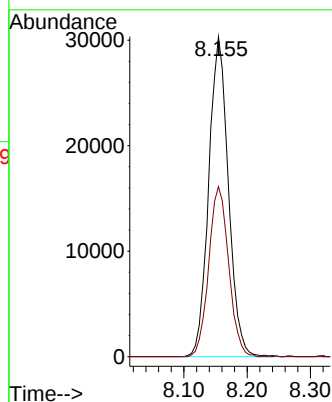
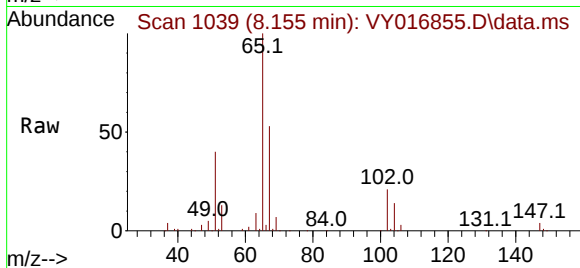
MR-323-0-2

Tgt Ion: 65 Resp: 65501

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016855.D

Acq: 26 Dec 2023 16:05

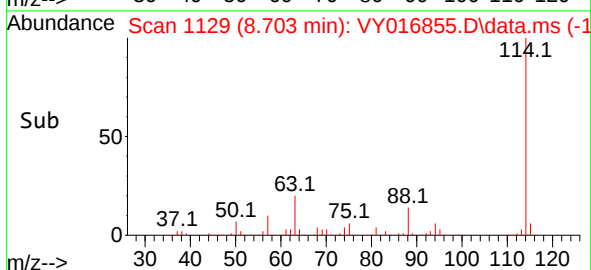
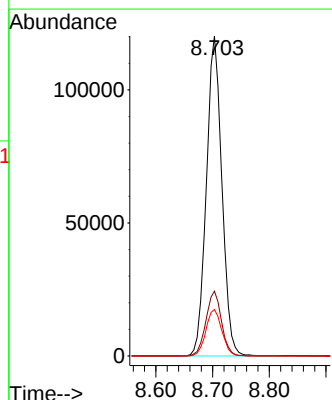
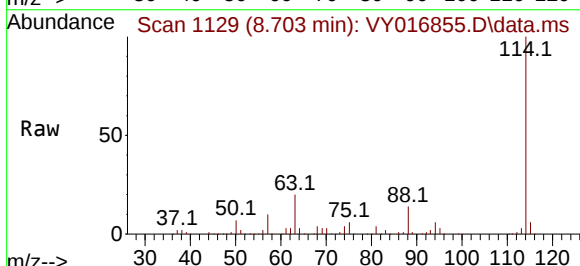
Tgt Ion: 114 Resp: 229145

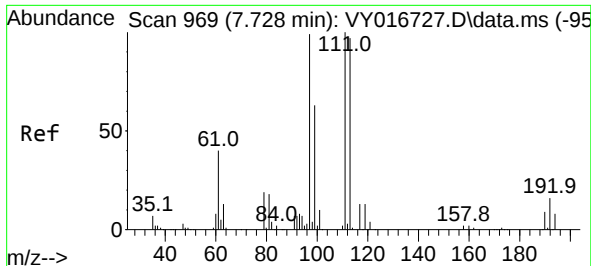
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.5 0.0 29.0

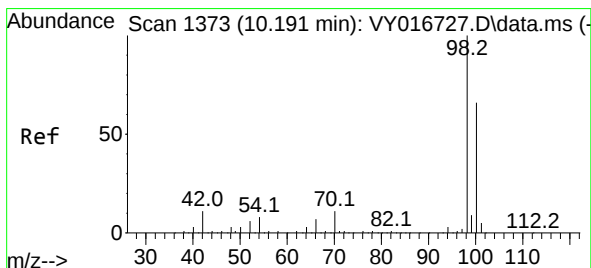
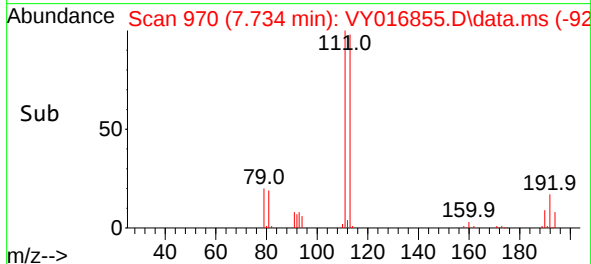
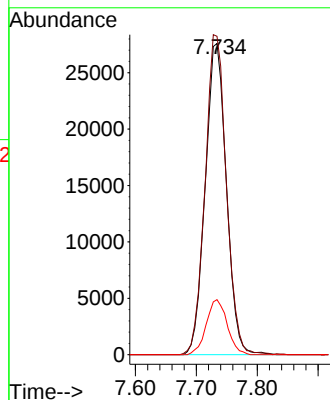
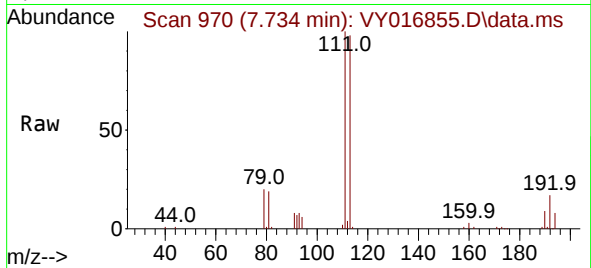




#35
Dibromofluoromethane
Concen: 50.676 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016855.D
Acq: 26 Dec 2023 16:05

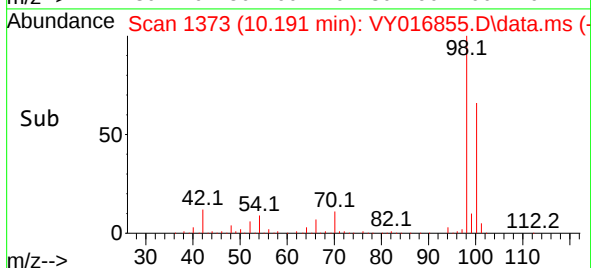
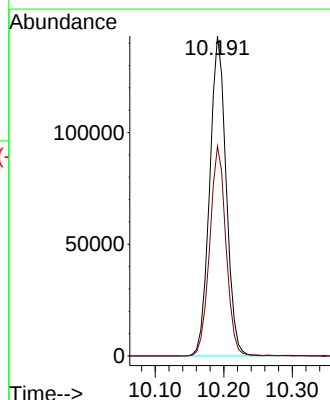
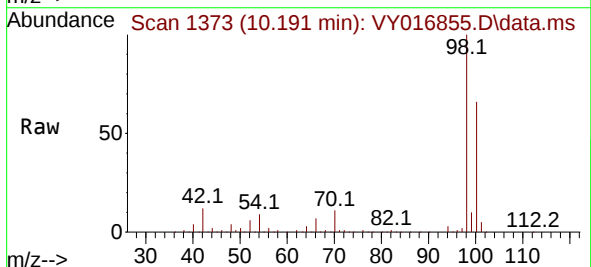
Instrument :
MSVOA_Y
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MR-323-0-2

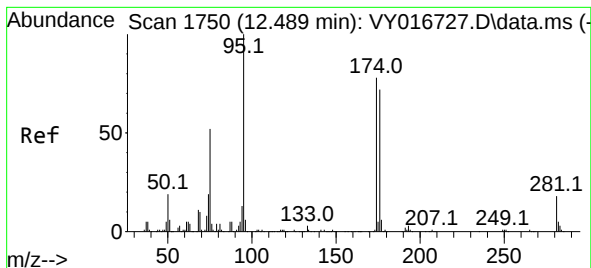
Tgt Ion:113 Resp: 66517
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 17.5 14.5 21.7



#50
Toluene-d8
Concen: 50.593 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016855.D
Acq: 26 Dec 2023 16:05

Tgt Ion: 98 Resp: 239393
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

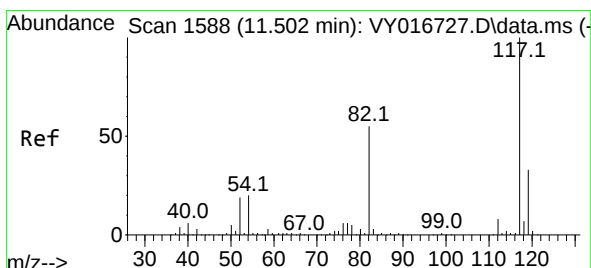
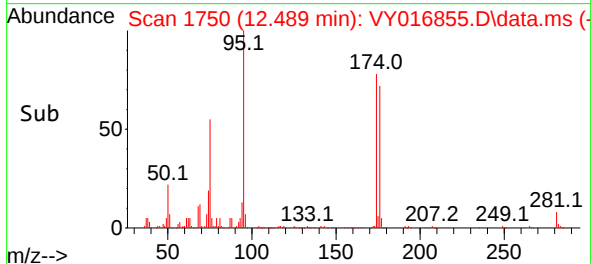
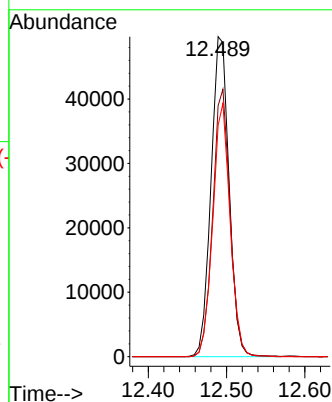
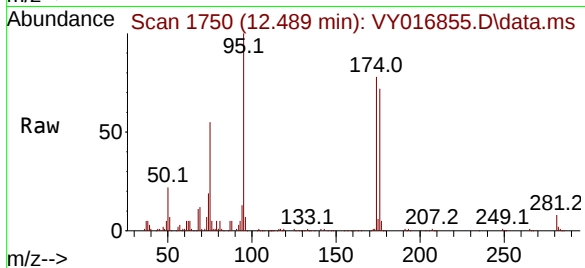




#62
4-Bromofluorobenzene
Concen: 51.746 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016855.D
Acq: 26 Dec 2023 16:05

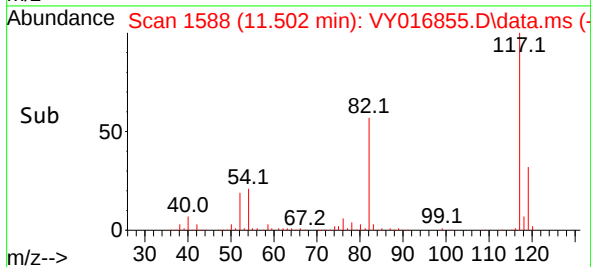
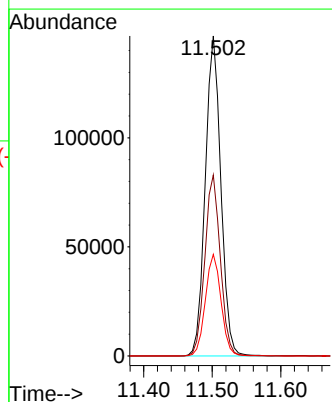
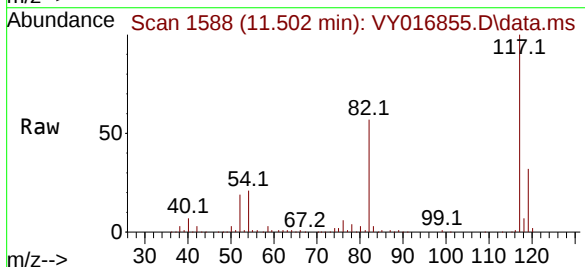
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MSVOA_Y
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MR-323-0-2

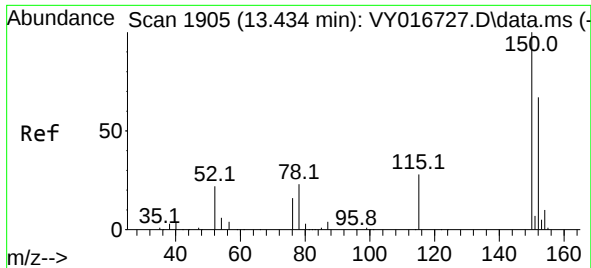
Tgt Ion: 95 Resp: 79437
Ion Ratio Lower Upper
95 100
174 80.4 0.0 160.0
176 76.0 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016855.D
Acq: 26 Dec 2023 16:05

Tgt Ion: 117 Resp: 232361
Ion Ratio Lower Upper
117 100
82 56.5 43.8 65.8
119 31.8 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016855.D

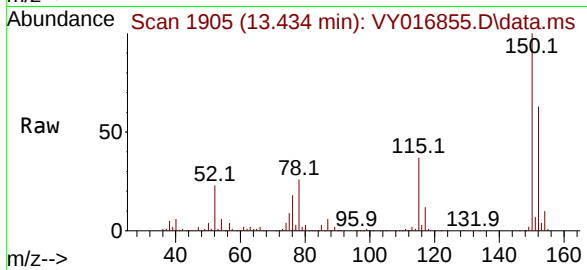
Acq: 26 Dec 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

MR-323-0-2



Tgt Ion:152 Resp: 89490

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 159.9 0.0 344.6

