

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016781.D
 Acq On : 22 Dec 2023 01:51
 Operator : SY/MD
 Sample : 05876-09
 Misc : 5.93g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLX3

Quant Time: Dec 22 03:18:01 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)

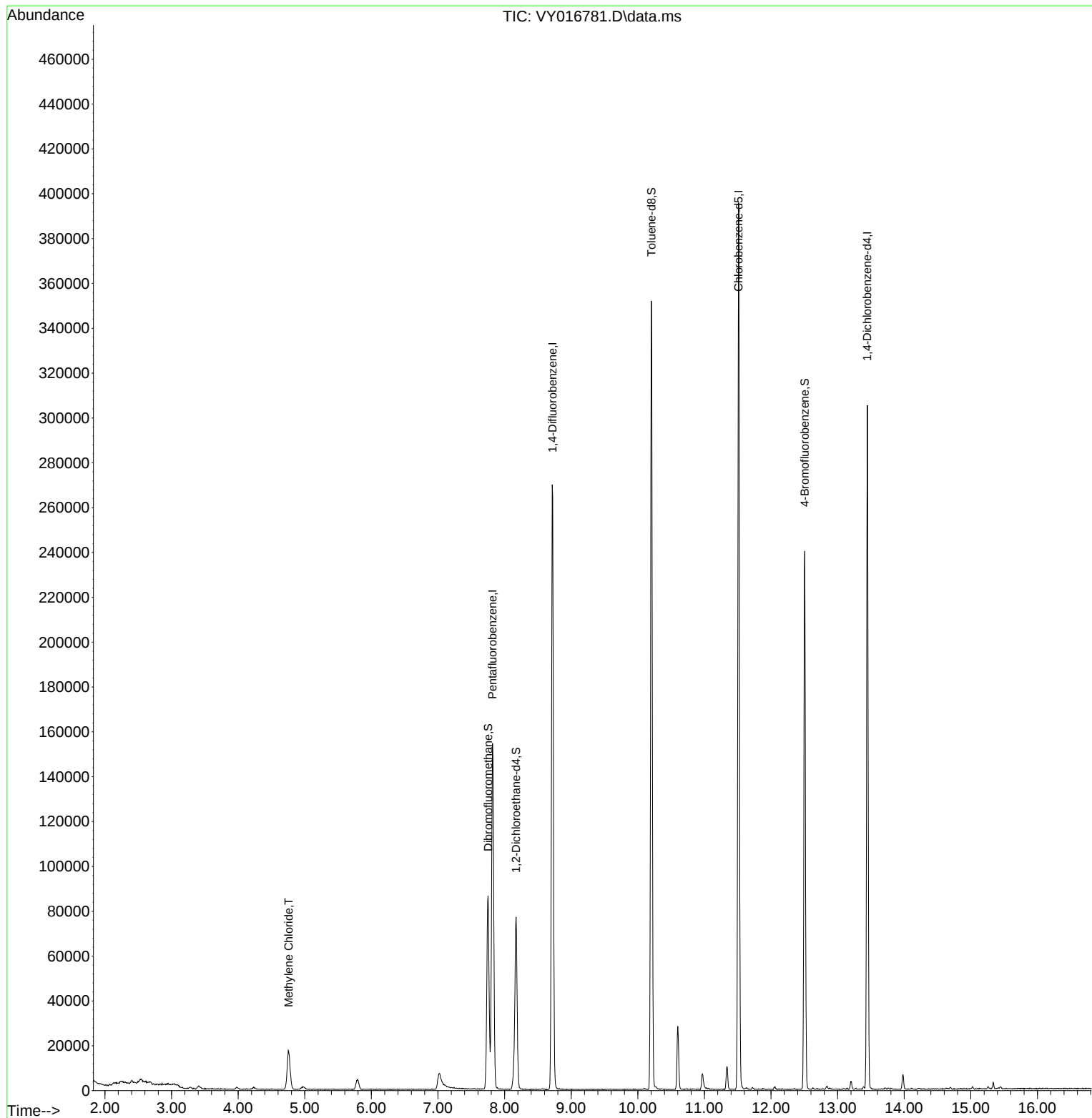
Internal Standards						
1) Pentafluorobenzene	7.819	168	115866	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	234815	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	214457	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	74613	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	57328	54.199	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.400%
35) Dibromofluoromethane	7.752	113	62538	46.494	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.980%
50) Toluene-d8	10.203	98	227961	47.013	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.020%
62) 4-Bromofluorobenzene	12.508	95	68706	43.675	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.360%
Target Compounds						
20) Methylene Chloride	4.759	84	13264	6.341	ug/l	Qvalue 95

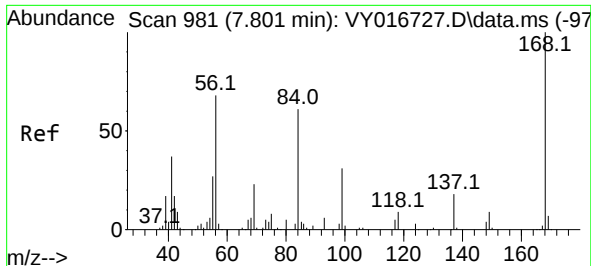
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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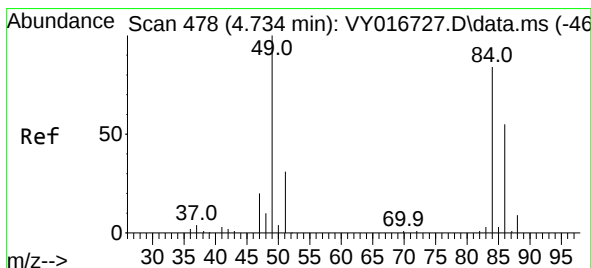
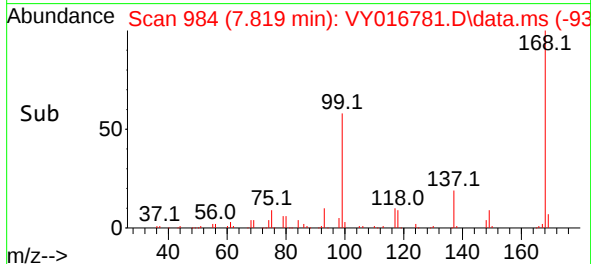
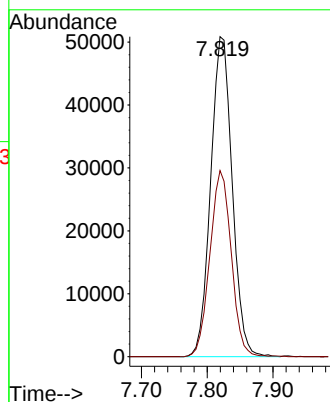
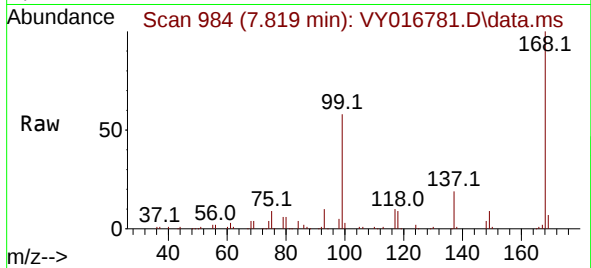




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY016781.D
Acq: 22 Dec 2023 01:51

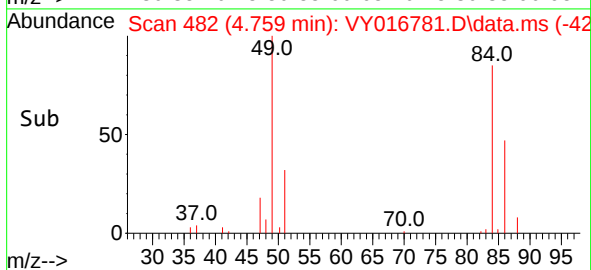
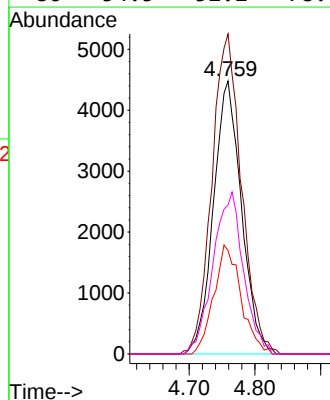
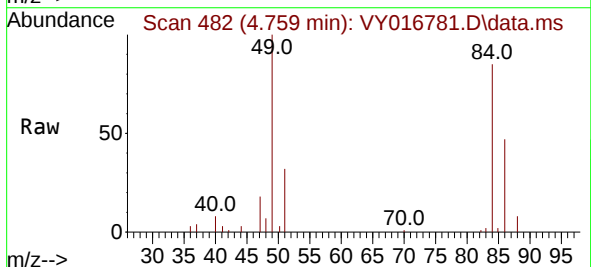
Instrument :
MSVOA_Y
ClientSampleId :
COLX3

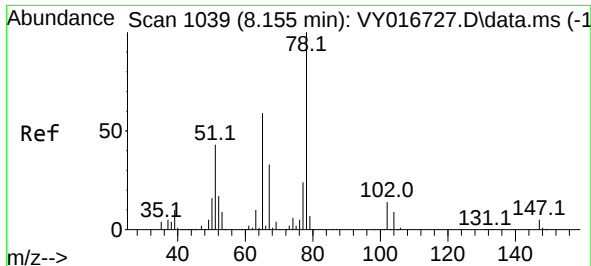
Tgt Ion:168 Resp: 115866
Ion Ratio Lower Upper
168 100
99 58.1 44.2 66.4



#20
Methylene Chloride
Concen: 6.341 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY016781.D
Acq: 22 Dec 2023 01:51

Tgt Ion: 84 Resp: 13264
Ion Ratio Lower Upper
84 100
49 117.2 95.2 142.8
51 37.9 29.9 44.9
86 54.5 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 54.199 ug/l

RT: 8.173 min Scan# 1103

Delta R.T. 0.018 min

Lab File: VY016781.D

Acq: 22 Dec 2023 01:51

Instrument :

MSVOA_Y

ClientSampleId :

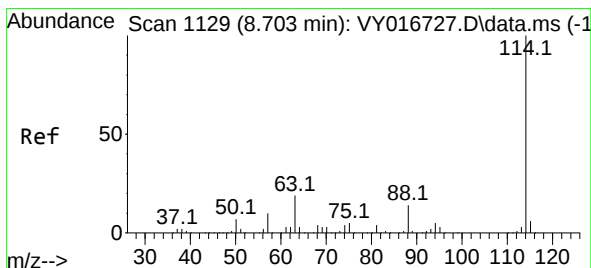
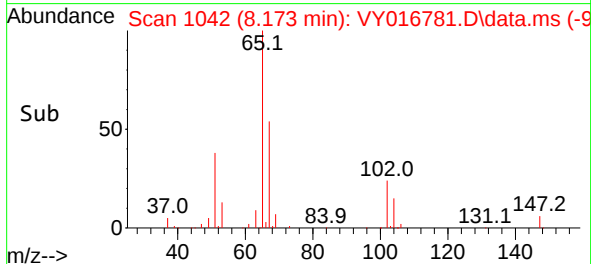
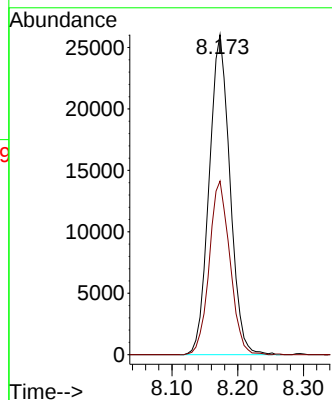
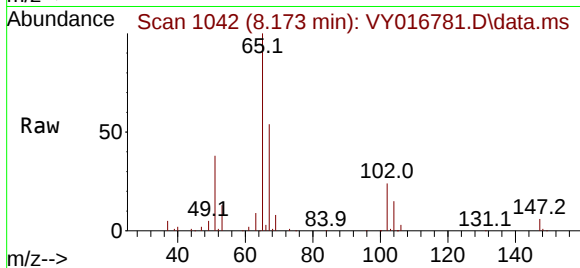
COLX3

Tgt Ion: 65 Resp: 57328

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VY016781.D

Acq: 22 Dec 2023 01:51

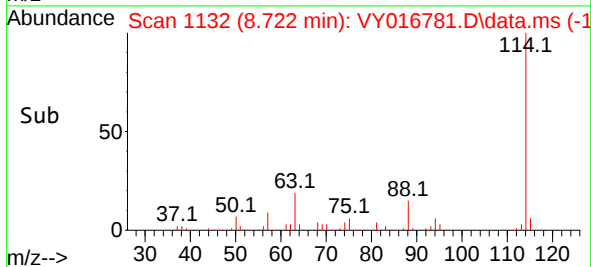
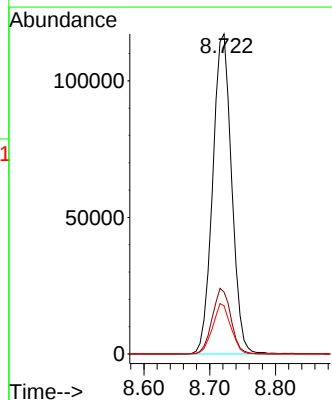
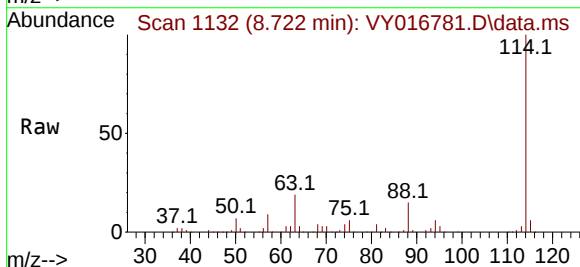
Tgt Ion: 114 Resp: 234815

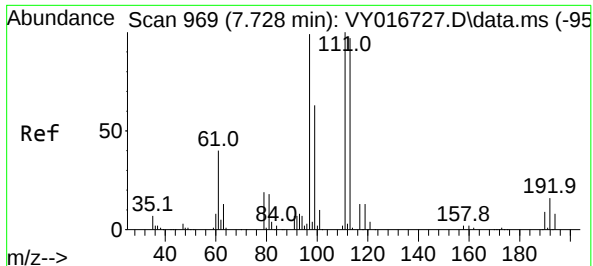
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 46.494 ug/l

RT: 7.752 min Scan# 91

Delta R.T. 0.025 min

Lab File: VY016781.D

Acq: 22 Dec 2023 01:51

Instrument :

MSVOA_Y

ClientSampleId :

COLX3

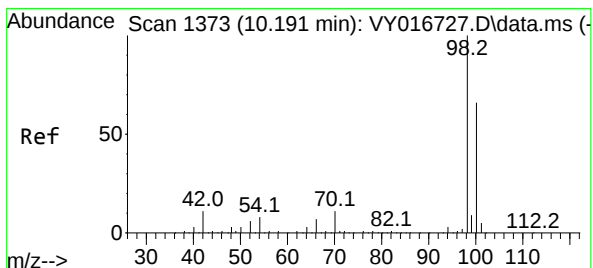
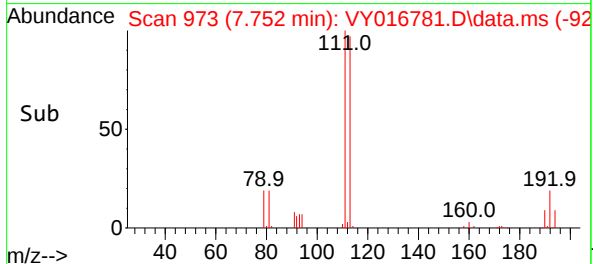
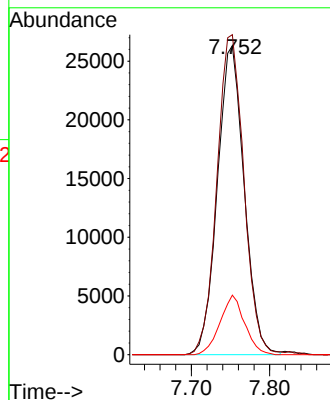
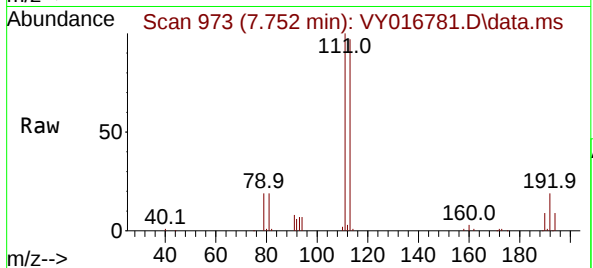
Tgt Ion:113 Resp: 62538

Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 17.7 14.5 21.7



#50

Toluene-d8

Concen: 47.013 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016781.D

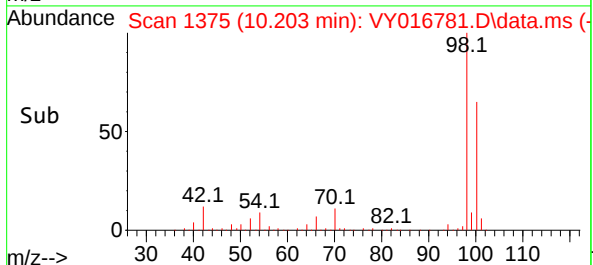
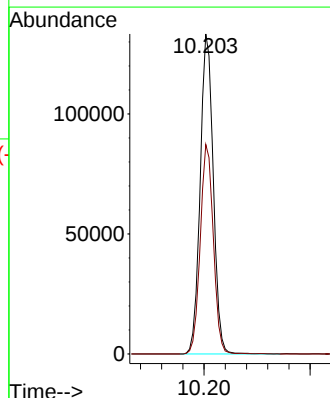
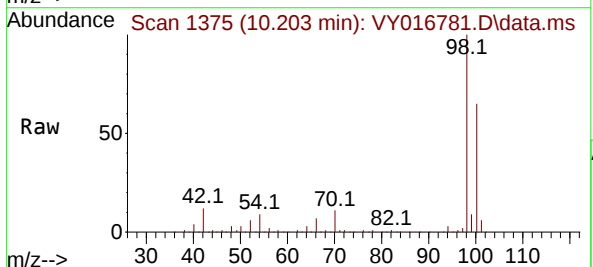
Acq: 22 Dec 2023 01:51

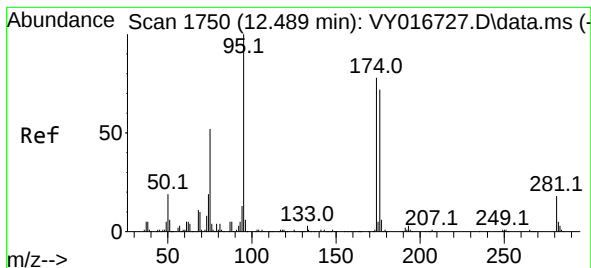
Tgt Ion: 98 Resp: 227961

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5

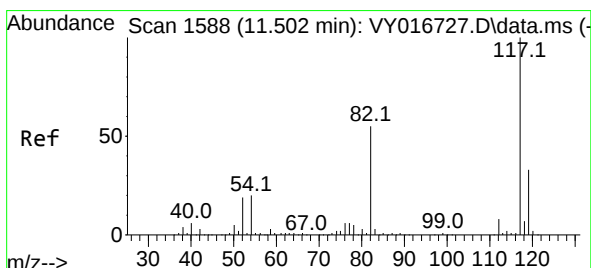
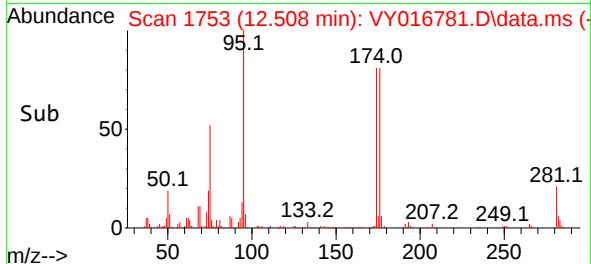
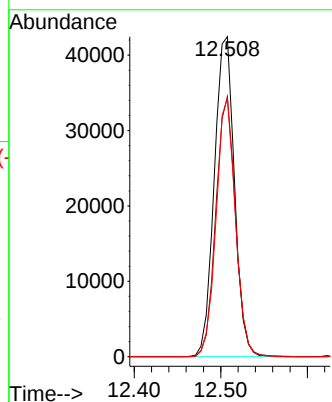
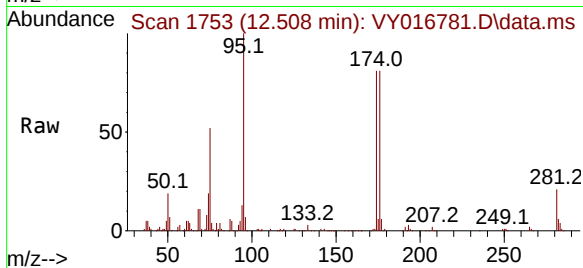




#62
4-Bromofluorobenzene
Concen: 43.675 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016781.D
Acq: 22 Dec 2023 01:51

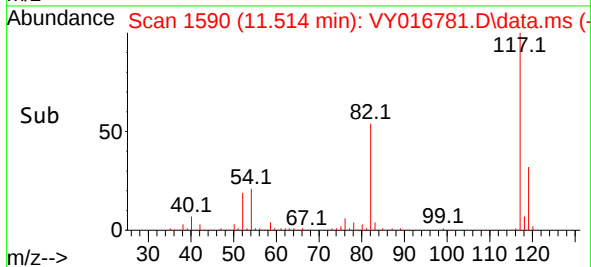
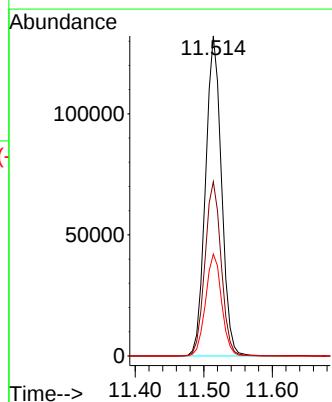
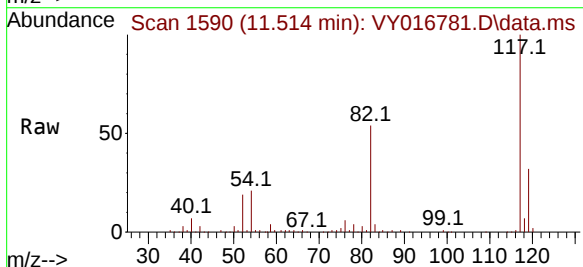
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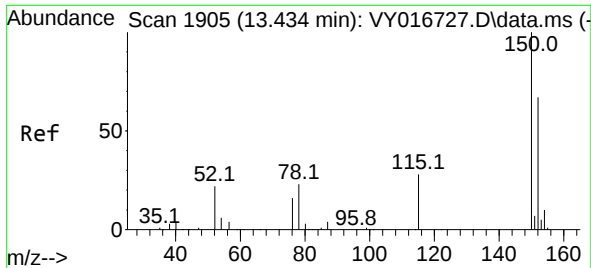
Tgt Ion: 95 Resp: 68706
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.0
176 77.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016781.D
Acq: 22 Dec 2023 01:51

Tgt Ion: 117 Resp: 214457
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 31.9 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016781.D

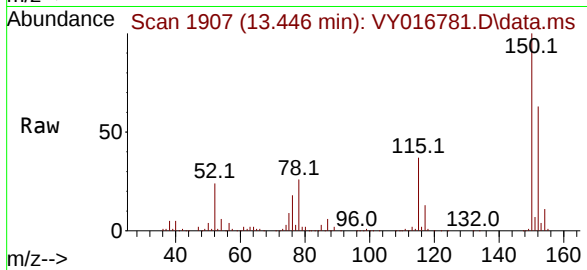
Acq: 22 Dec 2023 01:51

Instrument :

MSVOA_Y

ClientSampleId :

COLX3



Tgt Ion:152 Resp: 74613

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 158.2 0.0 344.6

