

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015293.D
 Acq On : 23 Aug 2023 20:07
 Operator : SY/MD
 Sample : 04116-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Aug 24 02:36:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

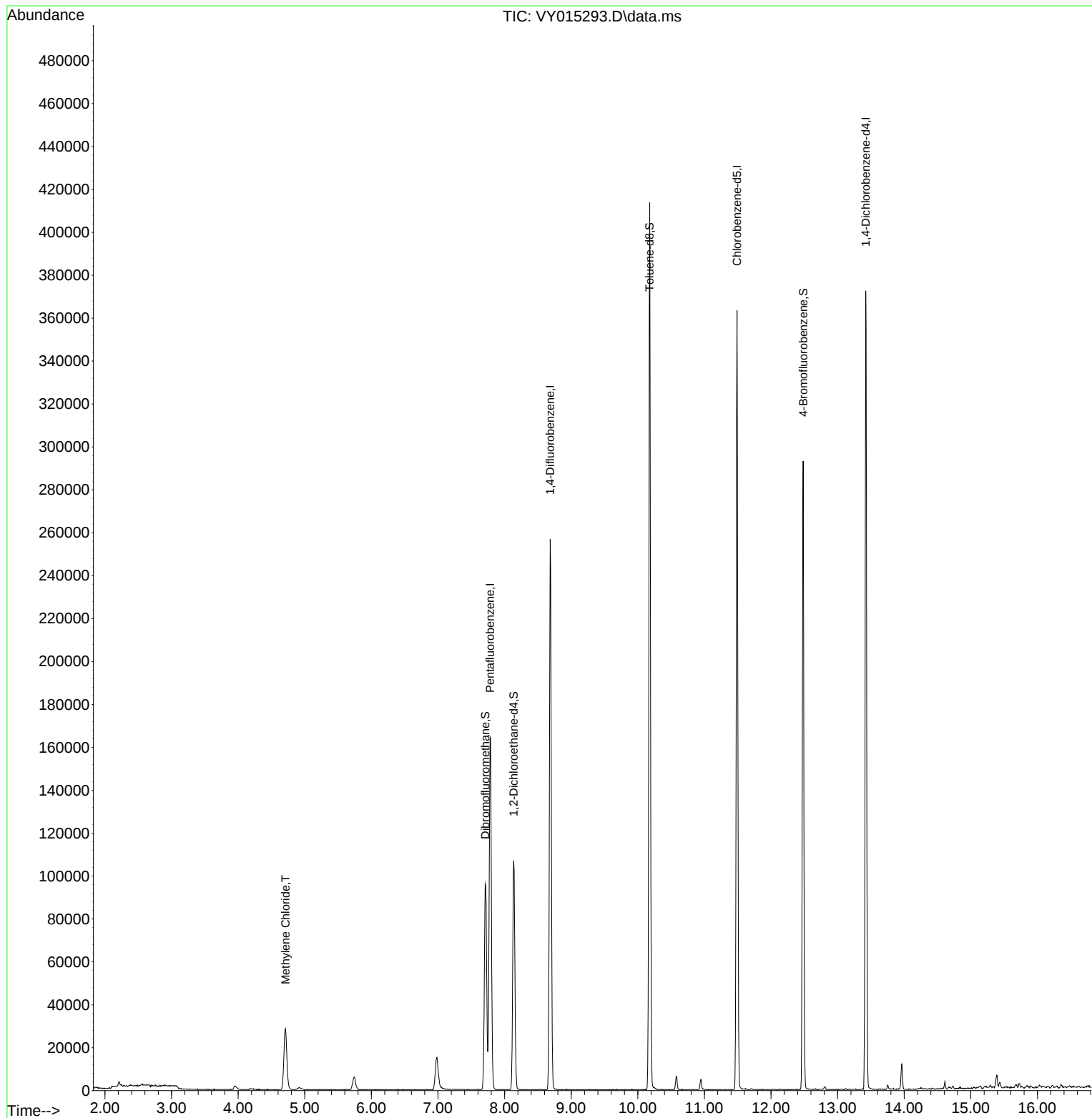
Internal Standards						
1) Pentafluorobenzene	7.783	168	129791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	218137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	193370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86091	55.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.520%
35) Dibromofluoromethane	7.710	113	69143	49.270	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.540%
50) Toluene-d8	10.179	98	256852	49.167	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.483	95	83605	43.816	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.640%
Target Compounds						
20) Methylene Chloride	4.710	84	21706	14.740	ug/l	Qvalue 92

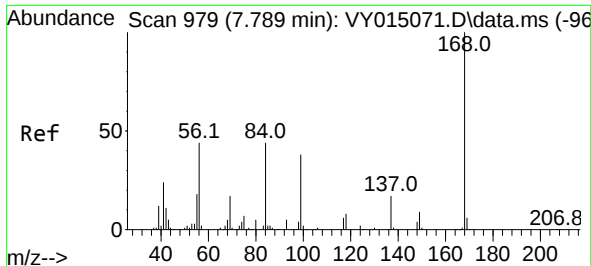
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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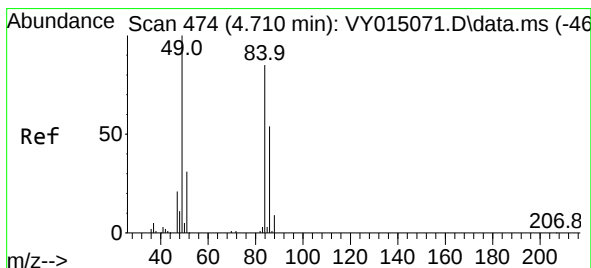
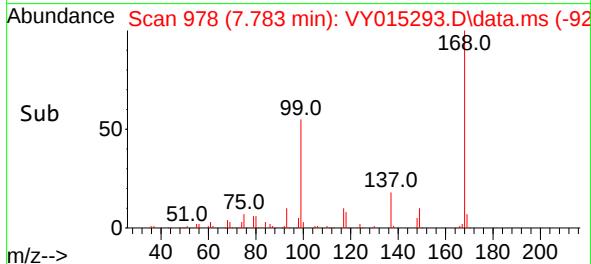
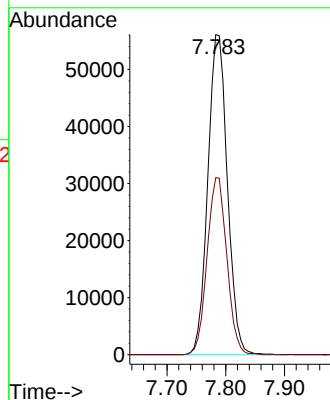
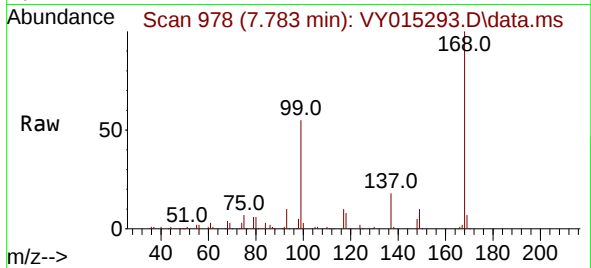




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015293.D
Acq: 23 Aug 2023 20:07

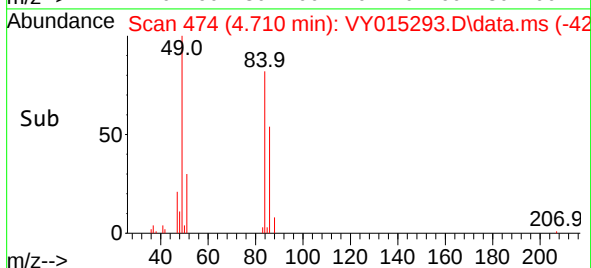
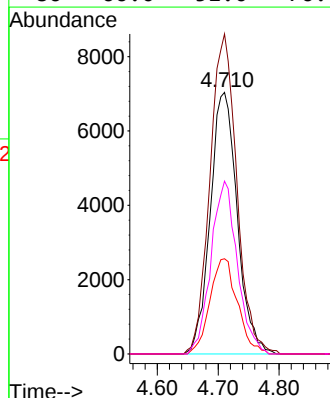
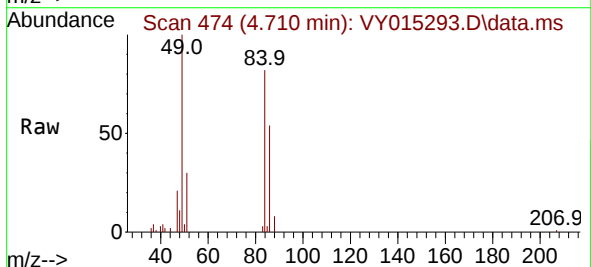
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

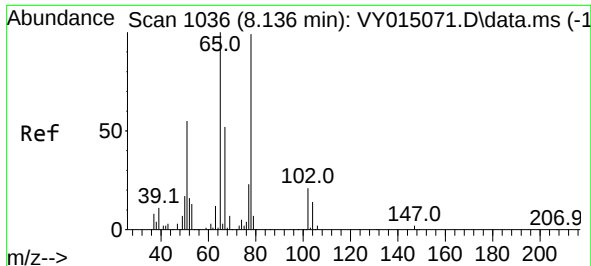
Tgt Ion:168 Resp: 129791
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#20
Methylene Chloride
Concen: 14.740 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015293.D
Acq: 23 Aug 2023 20:07

Tgt Ion: 84 Resp: 21706
Ion Ratio Lower Upper
84 100
49 122.3 106.9 160.3
51 36.4 33.2 49.8
86 66.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.257 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015293.D

Acq: 23 Aug 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

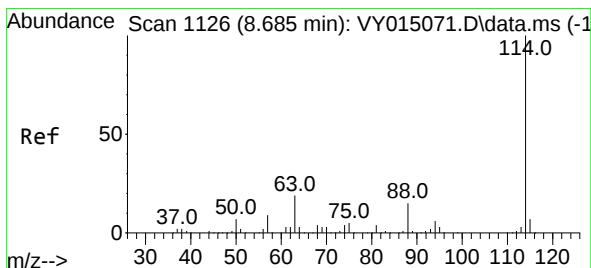
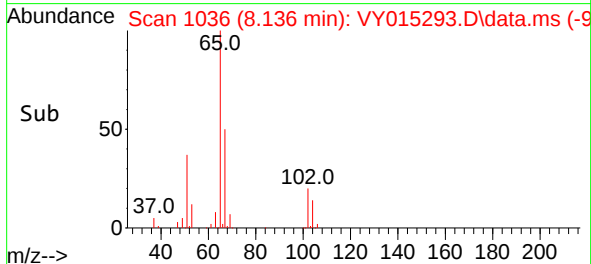
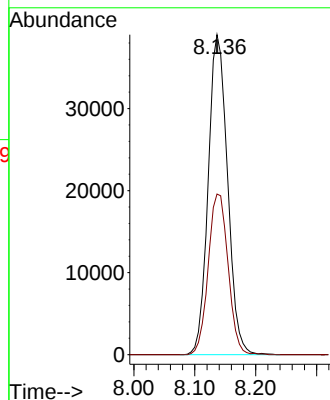
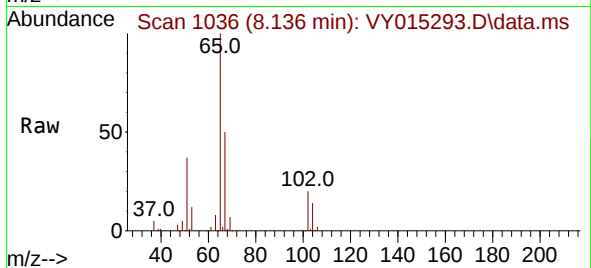
TP-1

Tgt Ion: 65 Resp: 86091

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015293.D

Acq: 23 Aug 2023 20:07

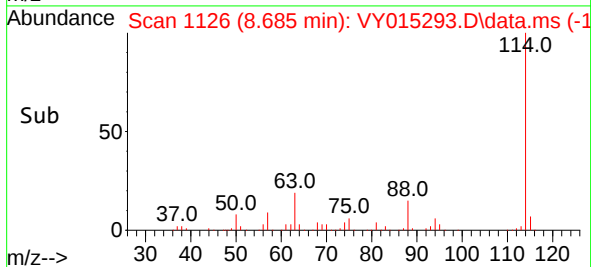
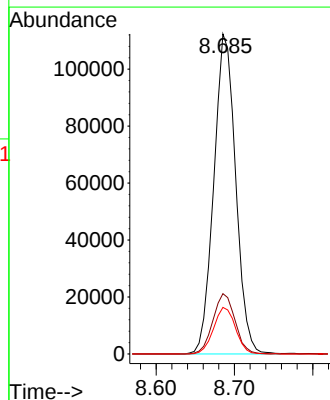
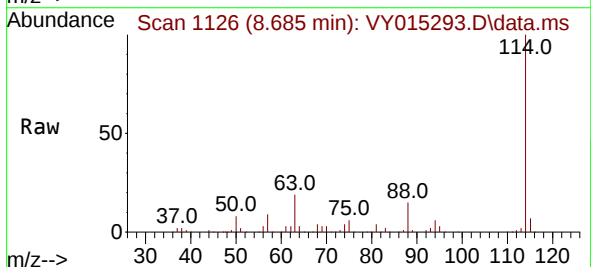
Tgt Ion: 114 Resp: 218137

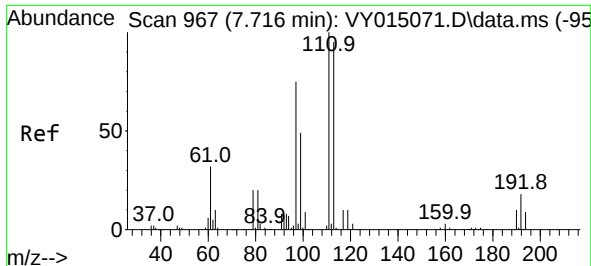
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.6 0.0 30.6

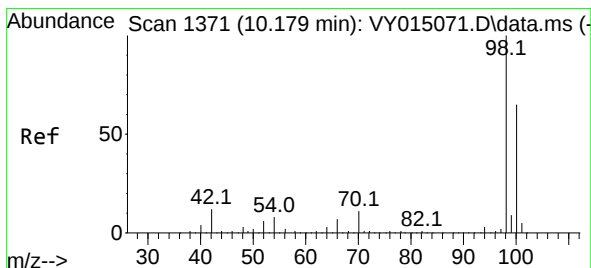
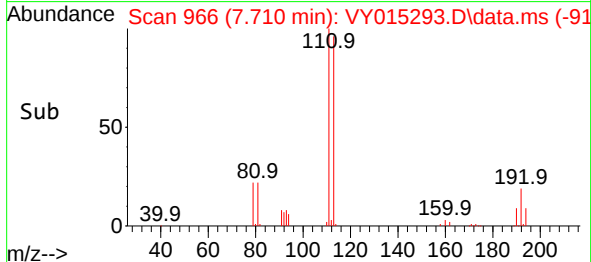
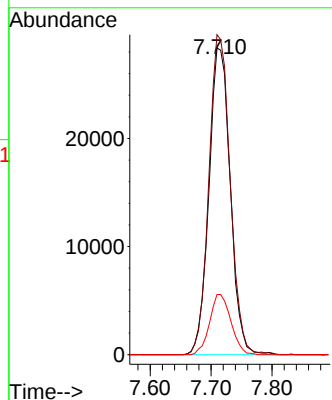
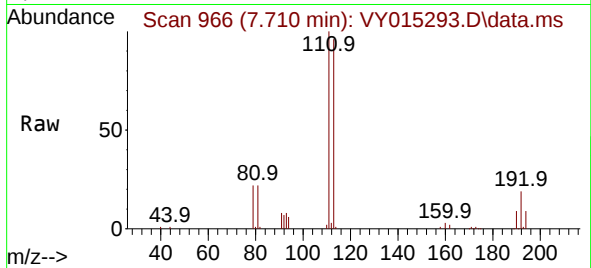




#35
Dibromofluoromethane
Concen: 49.270 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015293.D
Acq: 23 Aug 2023 20:07

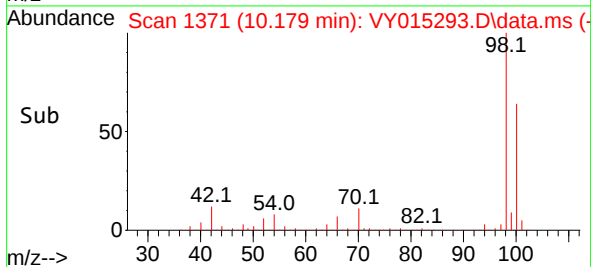
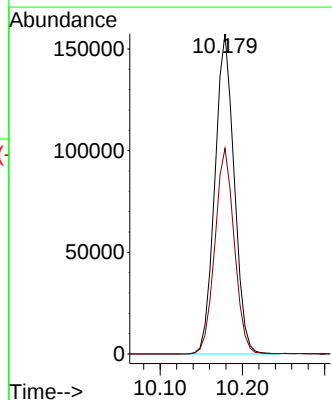
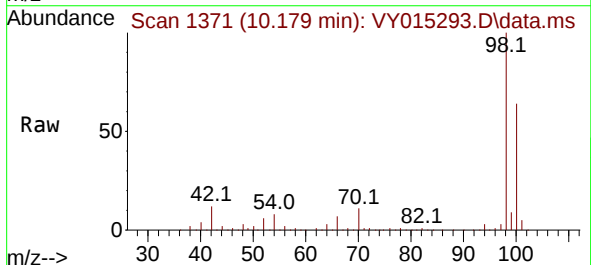
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

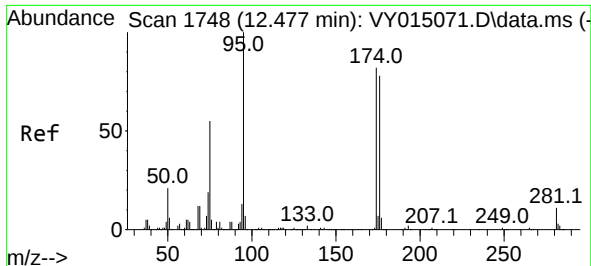
Tgt Ion:113 Resp: 69143
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 49.167 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015293.D
Acq: 23 Aug 2023 20:07

Tgt Ion: 98 Resp: 256852
Ion Ratio Lower Upper
98 100
100 64.3 50.1 75.1

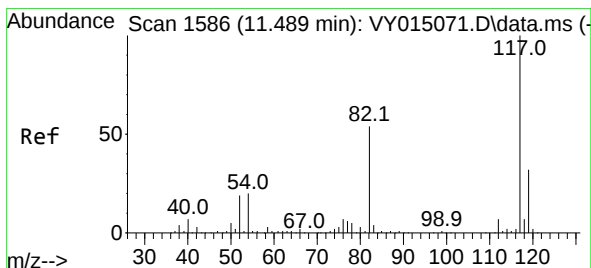
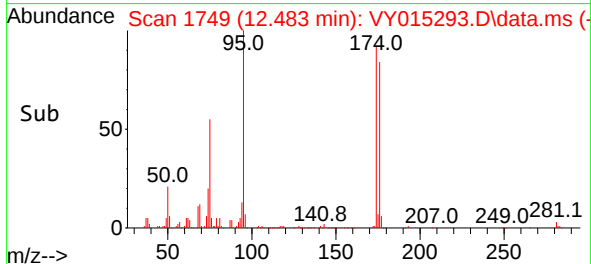
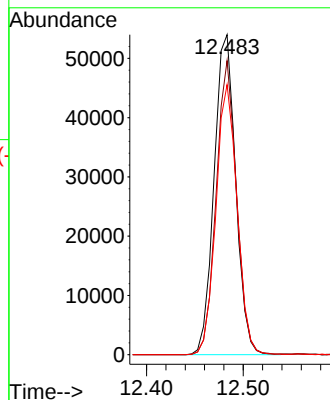
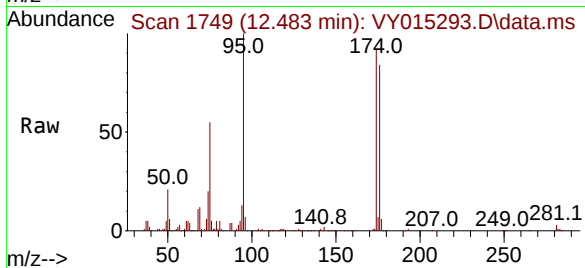




#62
4-Bromofluorobenzene
Concen: 43.816 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015293.D
Acq: 23 Aug 2023 20:07

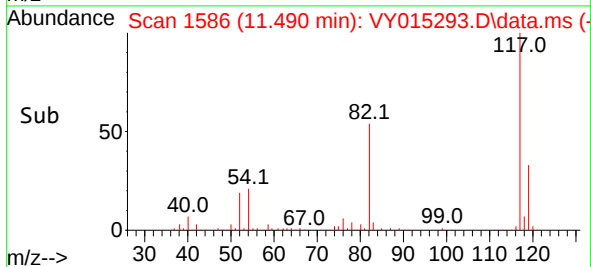
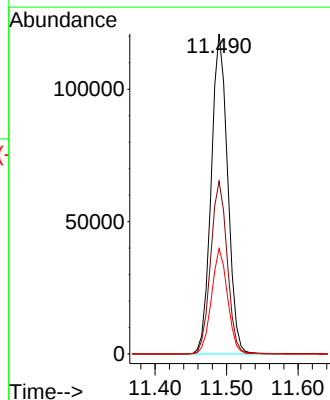
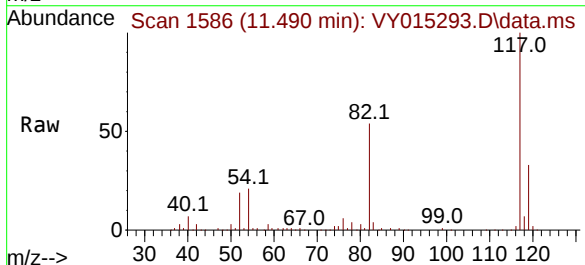
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

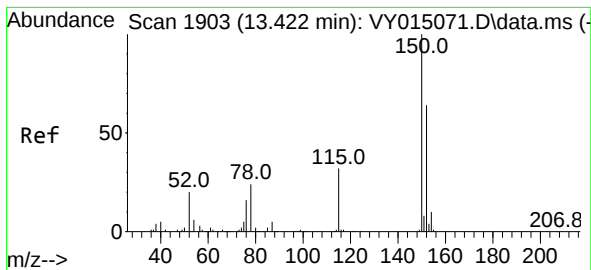
Tgt Ion: 95 Resp: 83605
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015293.D
Acq: 23 Aug 2023 20:07

Tgt Ion: 117 Resp: 193370
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015293.D

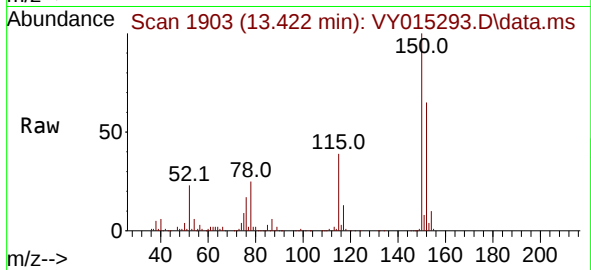
Acq: 23 Aug 2023 20:07

Instrument :

MSVOA_Y

ClientSampleId :

TP-1



Tgt Ion:152 Resp: 93592

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 157.3 0.0 348.8

