

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015780.D
 Acq On : 02 Oct 2023 16:30
 Operator : SY/MD
 Sample : 04691-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-092923

Quant Time: Oct 03 01:23:24 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)

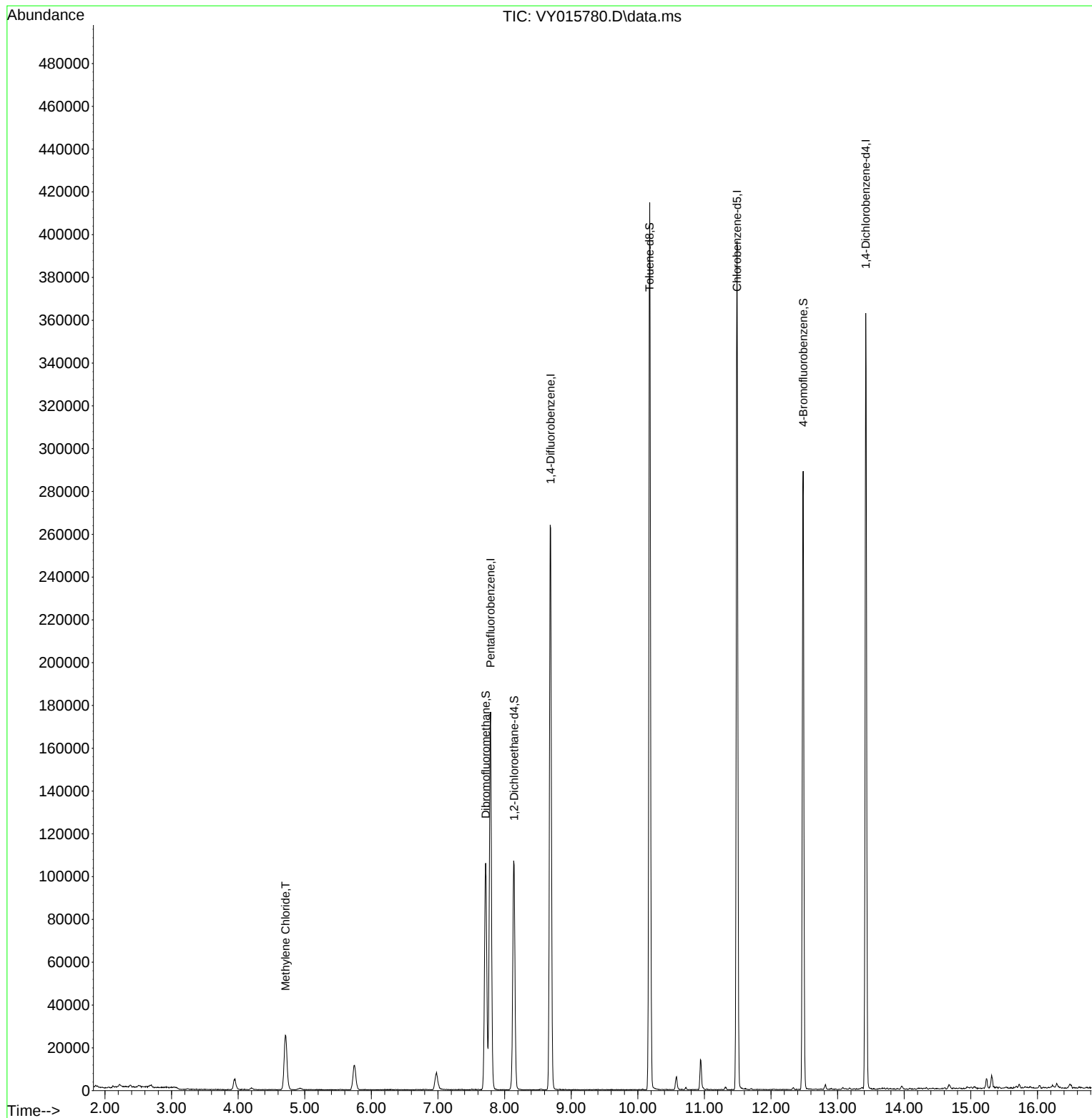
Internal Standards						
1) Pentafluorobenzene	7.789	168	134609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233758	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	213104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	94130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82946	56.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.000%
35) Dibromofluoromethane	7.716	113	75902	54.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.500%
50) Toluene-d8	10.179	98	275051	57.980	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.960%
62) 4-Bromofluorobenzene	12.483	95	89684	48.174	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.340%
Target Compounds						
20) Methylene Chloride	4.710	84	19673	7.190	ug/l	91

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

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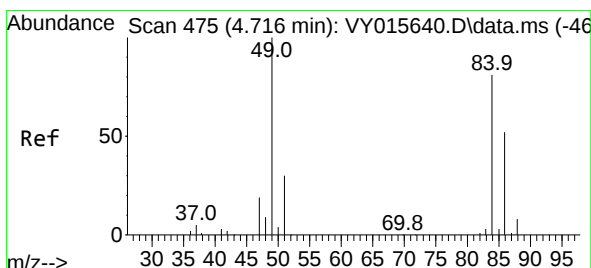
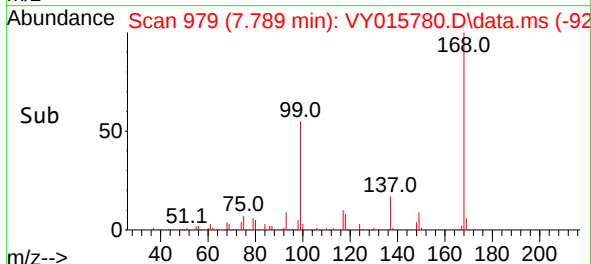
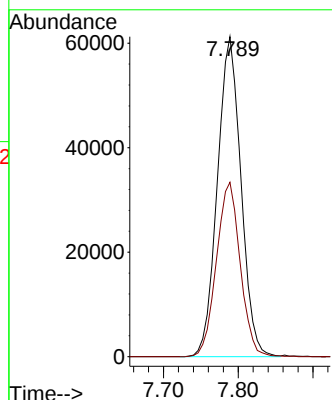
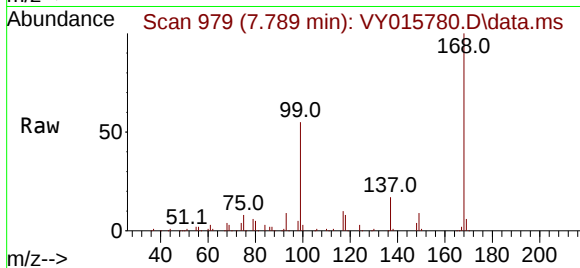




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

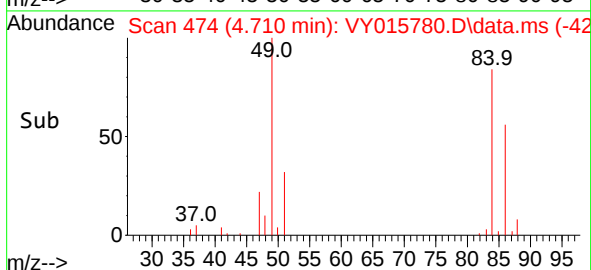
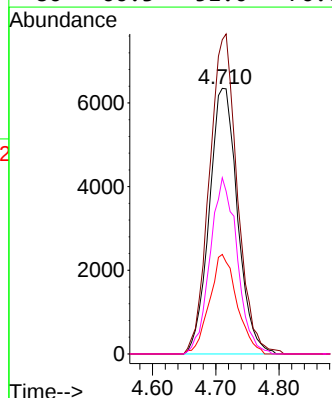
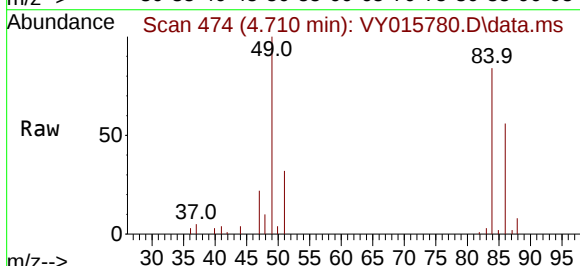
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-092923

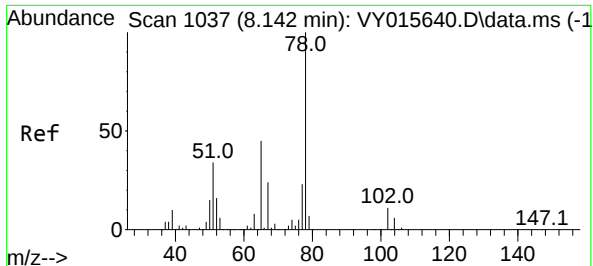
Tgt Ion:168 Resp: 134609
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#20
Methylene Chloride
Concen: 7.190 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

Tgt Ion: 84 Resp: 19673
Ion Ratio Lower Upper
84 100
49 118.4 106.9 160.3
51 37.5 33.2 49.8
86 66.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.004 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY015780.D

Acq: 02 Oct 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

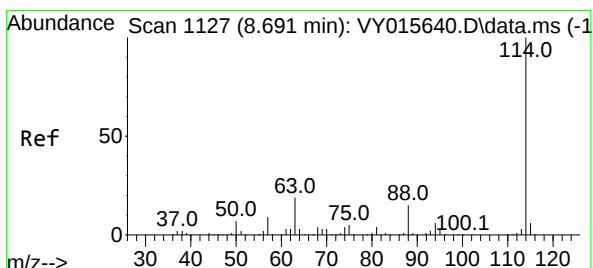
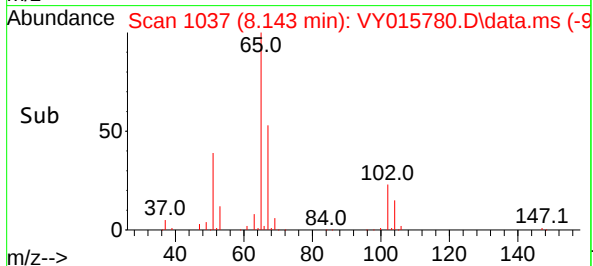
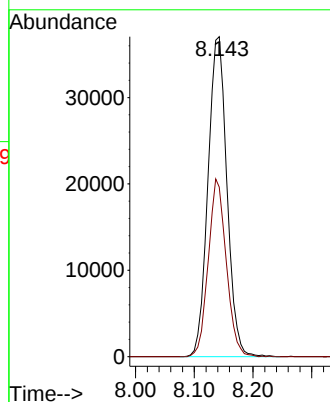
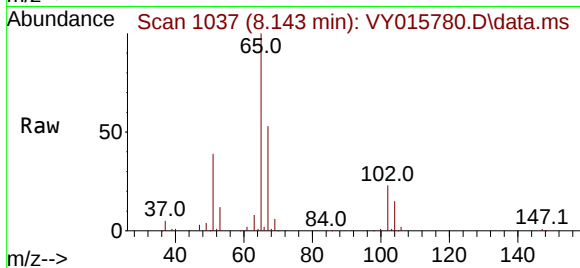
NB-08-092923

Tgt Ion: 65 Resp: 82946

Ion Ratio Lower Upper

65 100

67 52.9 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: VY015780.D

Acq: 02 Oct 2023 16:30

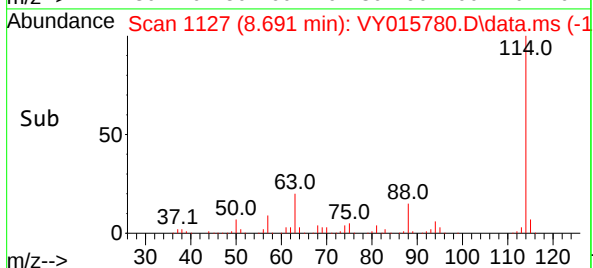
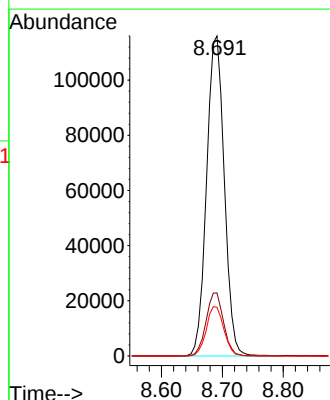
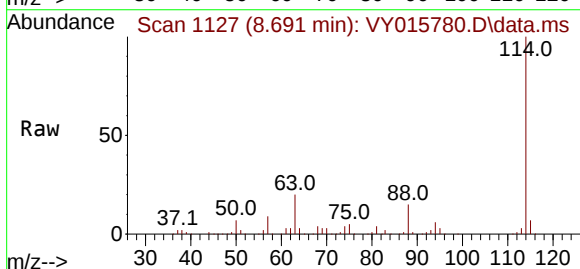
Tgt Ion: 114 Resp: 233758

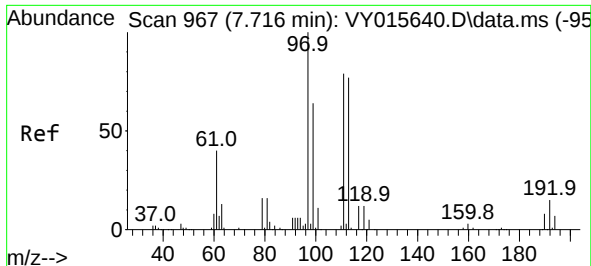
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.2 0.0 30.6

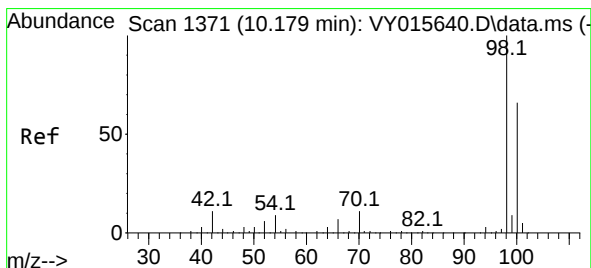
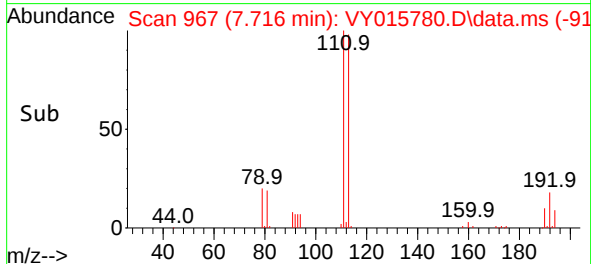
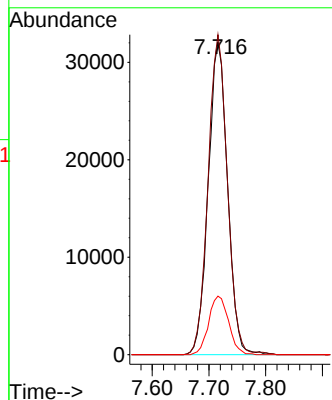
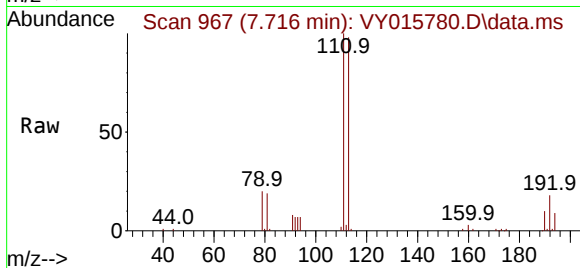




#35
Dibromofluoromethane
Concen: 54.250 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

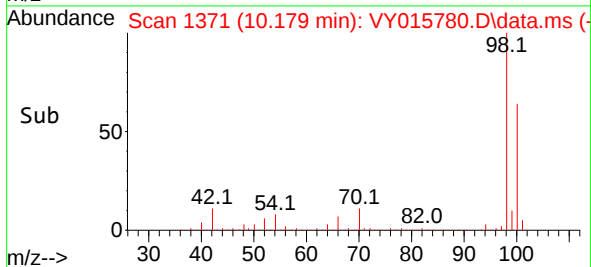
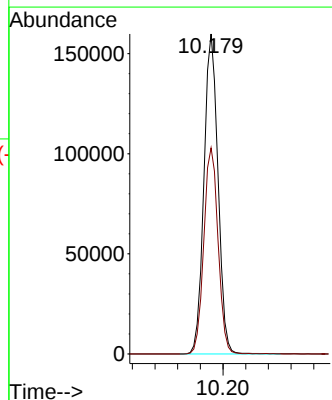
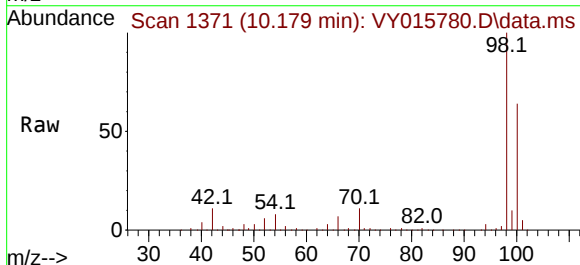
Instrument :
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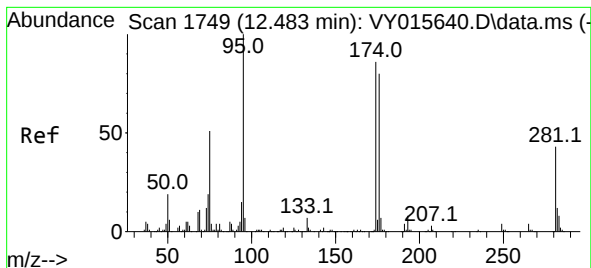
Tgt Ion:113 Resp: 75902
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 57.980 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

Tgt Ion: 98 Resp: 275051
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

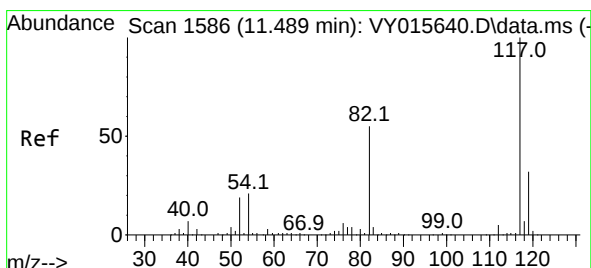
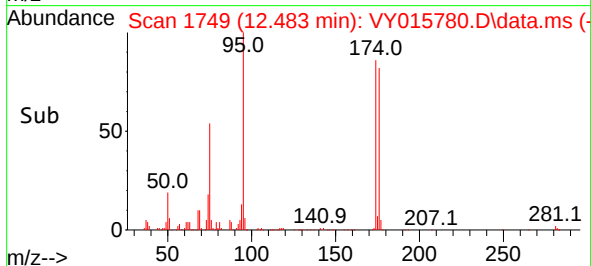
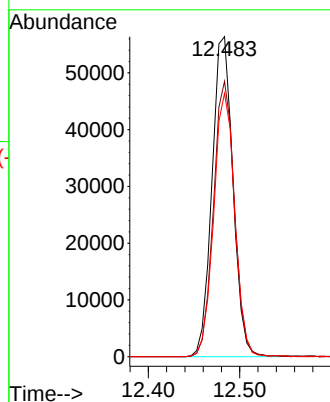
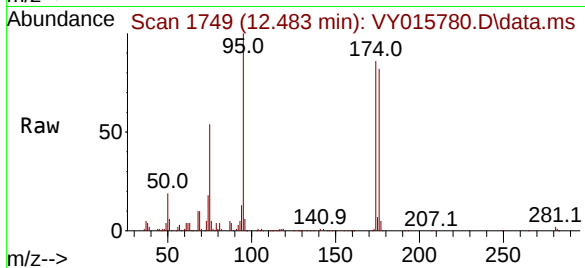




#62
4-Bromofluorobenzene
Concen: 48.174 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

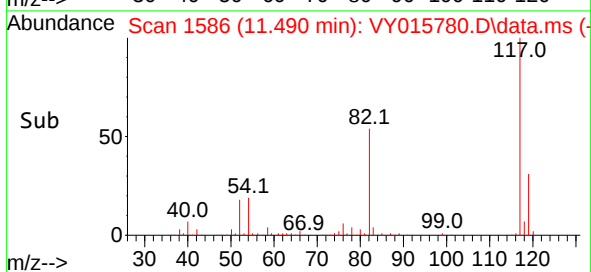
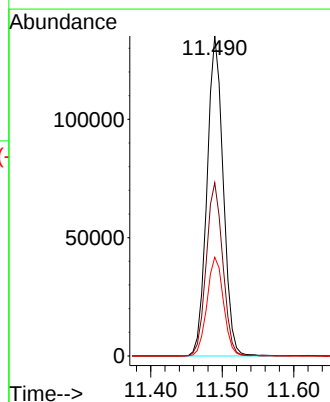
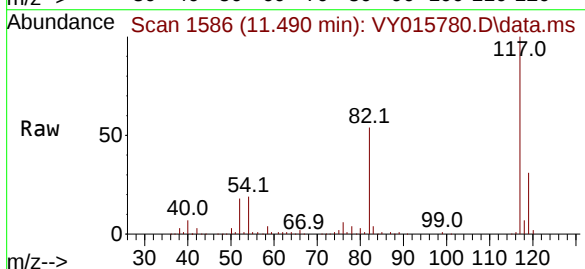
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-092923

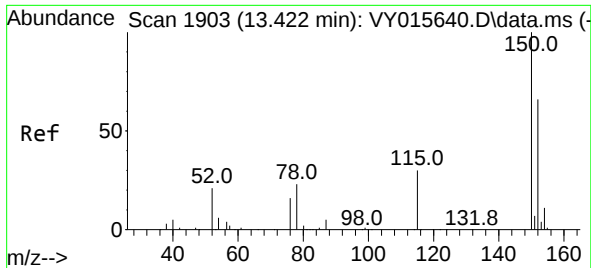
Tgt Ion: 95 Resp: 89684
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015780.D
Acq: 02 Oct 2023 16:30

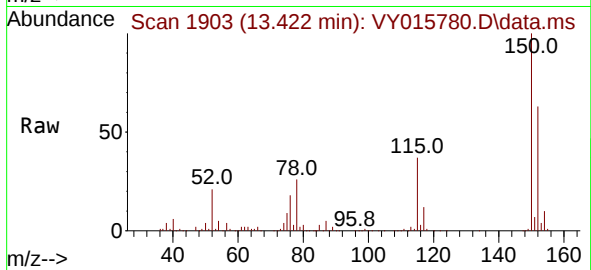
Tgt Ion: 117 Resp: 213104
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 30.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015780.D
 Acq: 02 Oct 2023 16:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-092923



Tgt Ion:152 Resp: 94130
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.8 86.5
 150 157.5 0.0 348.8

