

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015802.D
 Acq On : 03 Oct 2023 13:46
 Operator : SY/MD
 Sample : 04686-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE

Quant Time: Oct 03 17:10:27 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)

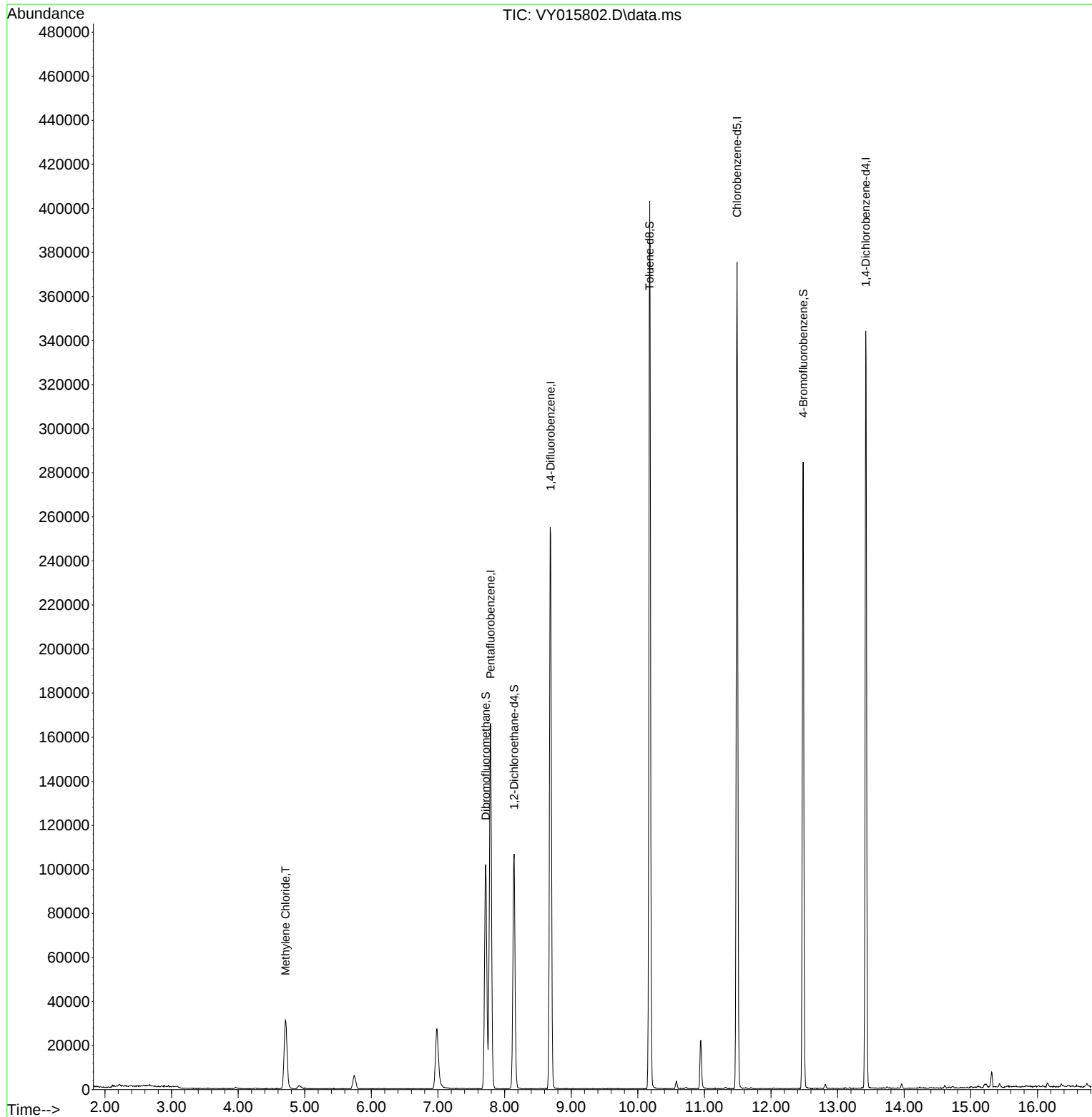
Internal Standards						
1) Pentafluorobenzene	7.789	168	127772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82271	58.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.040%
35) Dibromofluoromethane	7.716	113	73517	55.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.140%
50) Toluene-d8	10.179	98	263182	58.139	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.280%
62) 4-Bromofluorobenzene	12.483	95	84717	47.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.380%
Target Compounds						
20) Methylene Chloride	4.710	84	24447	11.069	ug/l	Qvalue 92

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

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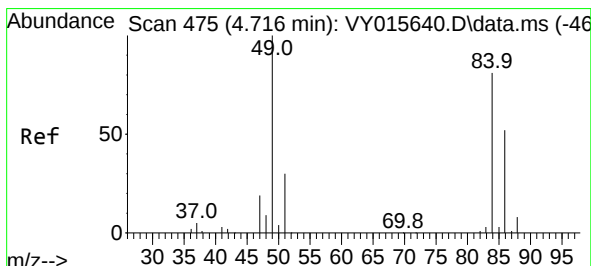
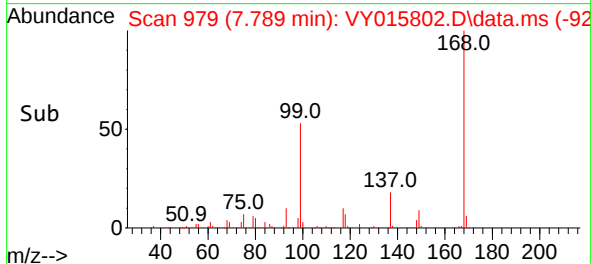
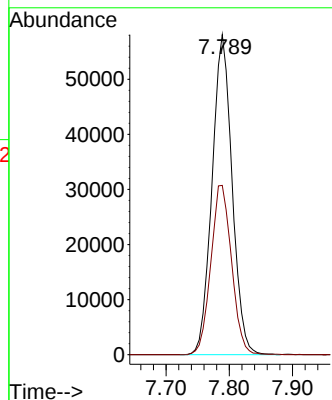
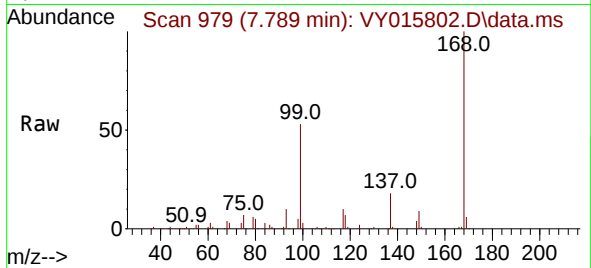




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015802.D
Acq: 03 Oct 2023 13:46

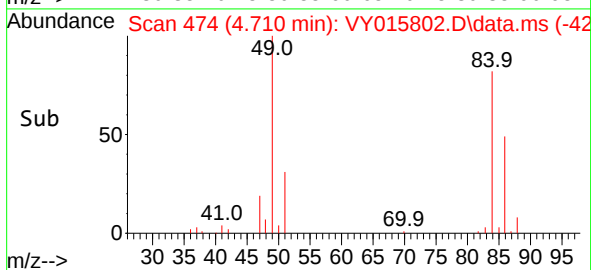
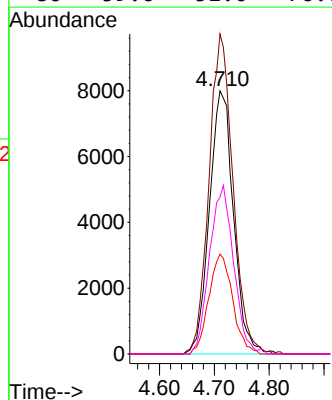
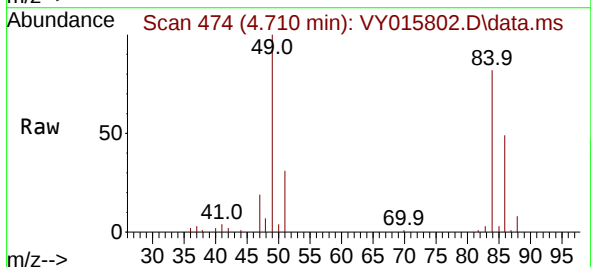
Instrument :
MSVOA_Y
ClientSampleId :
WASTE

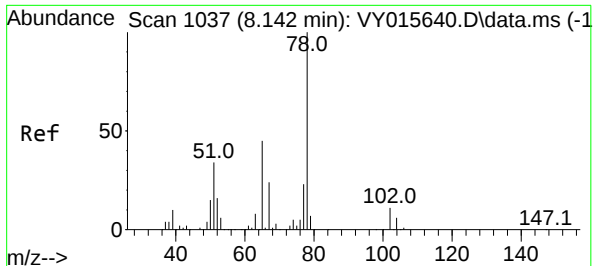
Tgt Ion:168 Resp: 127772
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#20
Methylene Chloride
Concen: 11.069 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015802.D
Acq: 03 Oct 2023 13:46

Tgt Ion: 84 Resp: 24447
Ion Ratio Lower Upper
84 100
49 121.6 106.9 160.3
51 37.9 33.2 49.8
86 59.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 58.521 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY015802.D

Acq: 03 Oct 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

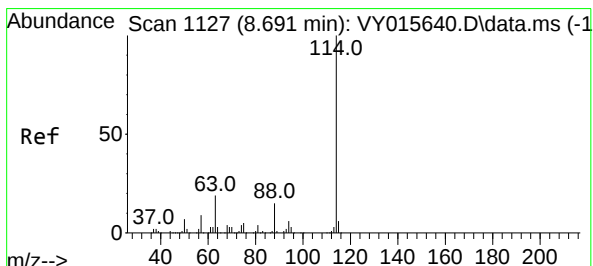
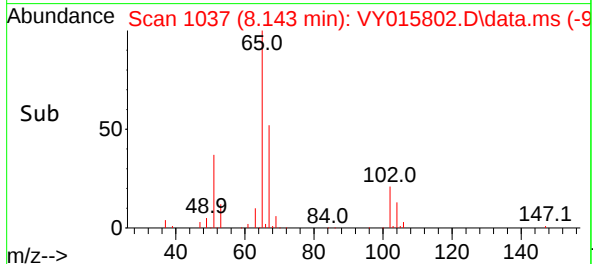
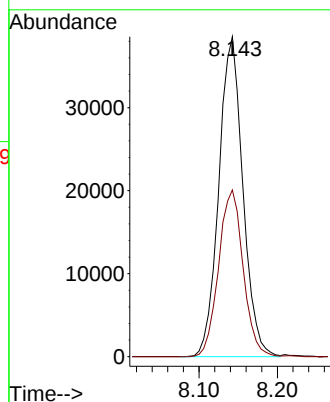
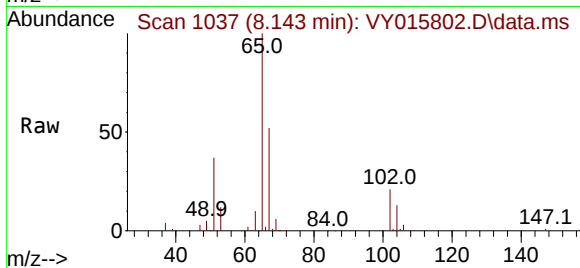
WASTE

Tgt Ion: 65 Resp: 82271

Ion Ratio Lower Upper

65 100

67 53.1 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: VY015802.D

Acq: 03 Oct 2023 13:46

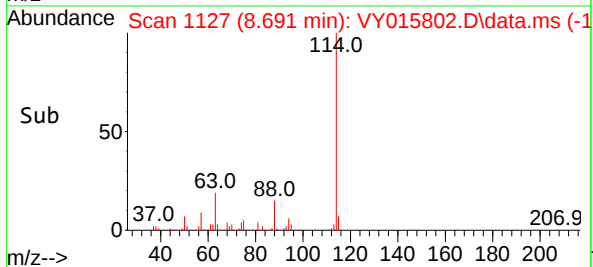
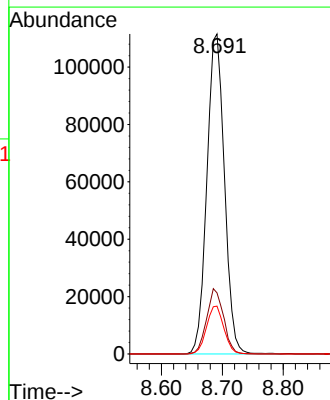
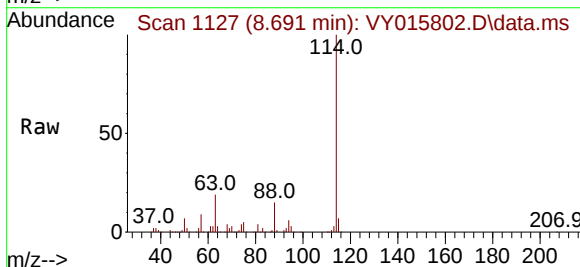
Tgt Ion: 114 Resp: 223057

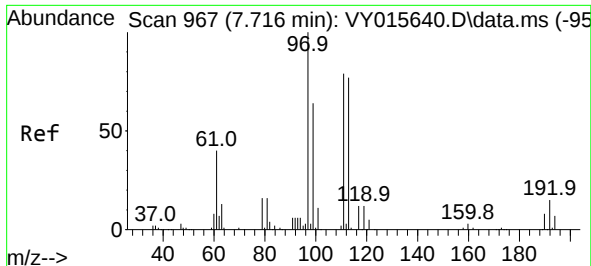
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.9 0.0 30.6

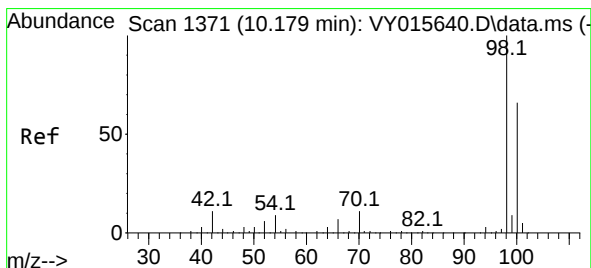
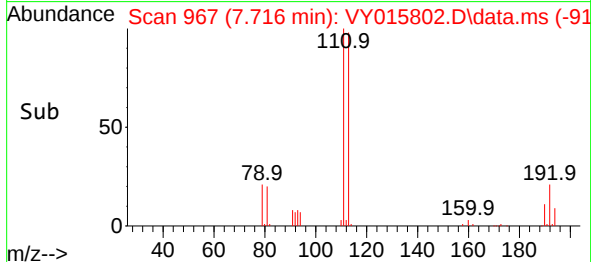
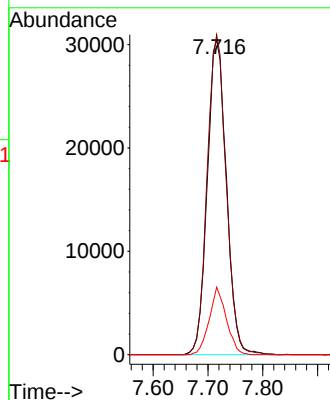
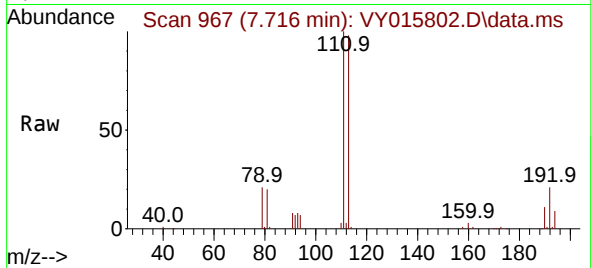




#35
Dibromofluoromethane
Concen: 55.066 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015802.D
Acq: 03 Oct 2023 13:46

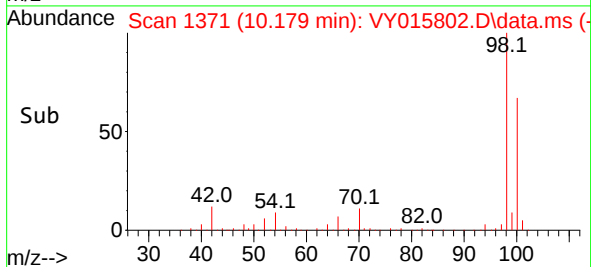
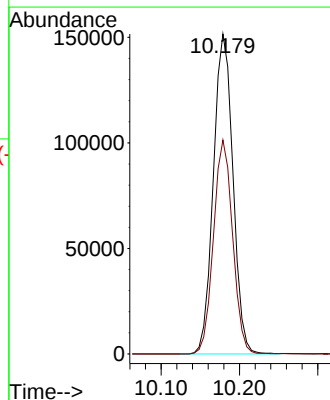
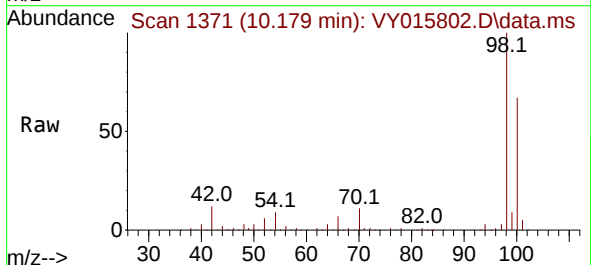
Instrument :
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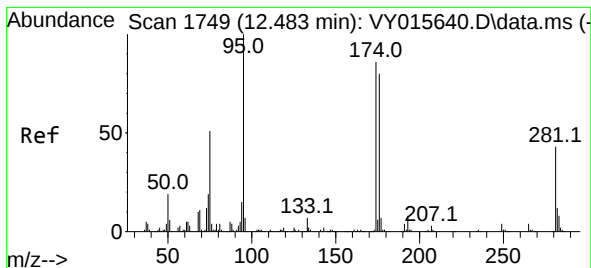
Tgt Ion:113 Resp: 73517
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 58.139 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015802.D
Acq: 03 Oct 2023 13:46

Tgt Ion: 98 Resp: 263182
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

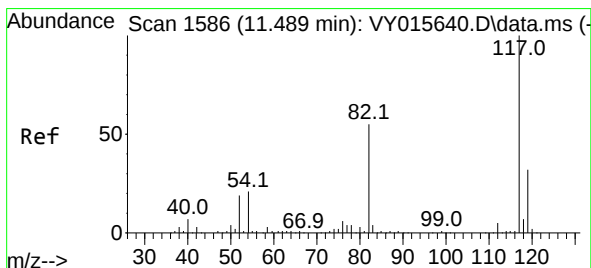
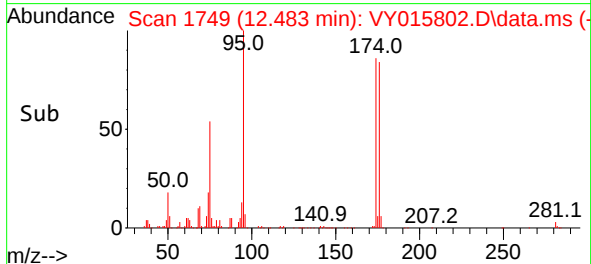
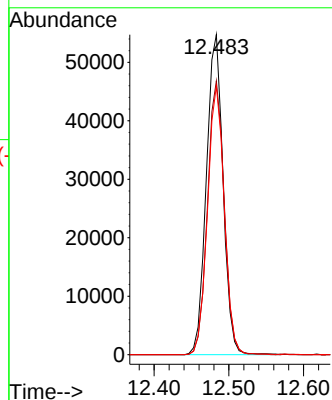
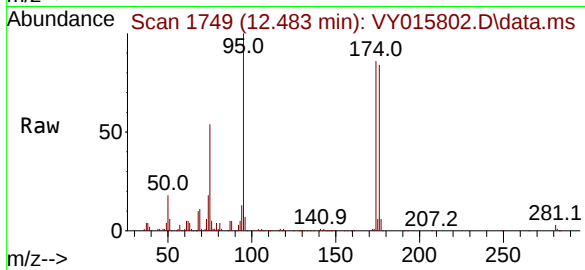




#62
4-Bromofluorobenzene
Concen: 47.689 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015802.D
Acq: 03 Oct 2023 13:46

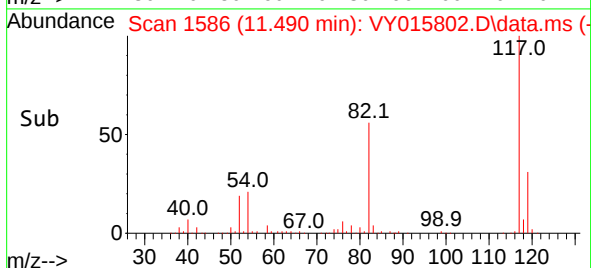
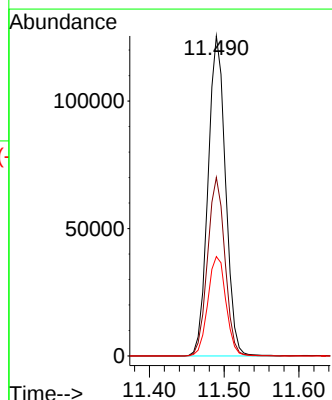
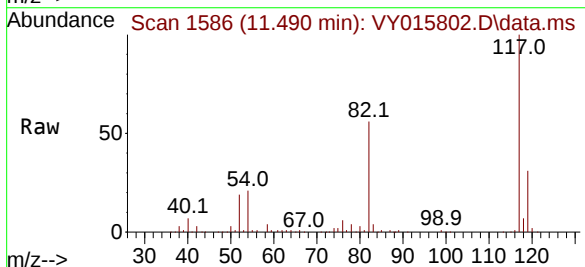
Instrument :
MSVOA_Y
ClientSampleId :
WASTE

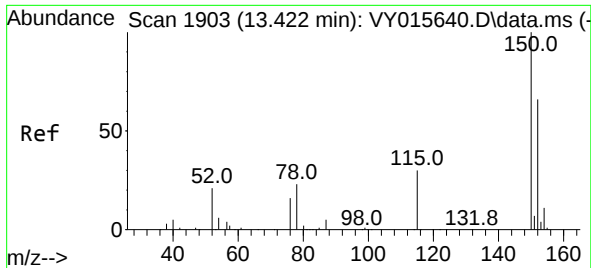
Tgt Ion: 95 Resp: 84717
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 84.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015802.D
Acq: 03 Oct 2023 13:46

Tgt Ion: 117 Resp: 203720
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.0
119 31.0 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: VY015802.D
 Acq: 03 Oct 2023 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 WASTE

Tgt Ion:152 Resp: 88162
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.8 86.5
 150 157.7 0.0 348.8

