

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
 Data File : VY015757.D
 Acq On : 29 Sep 2023 15:51
 Operator : SY/MD
 Sample : VY0929SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0929SBL01

Quant Time: Sep 30 01:13:14 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)

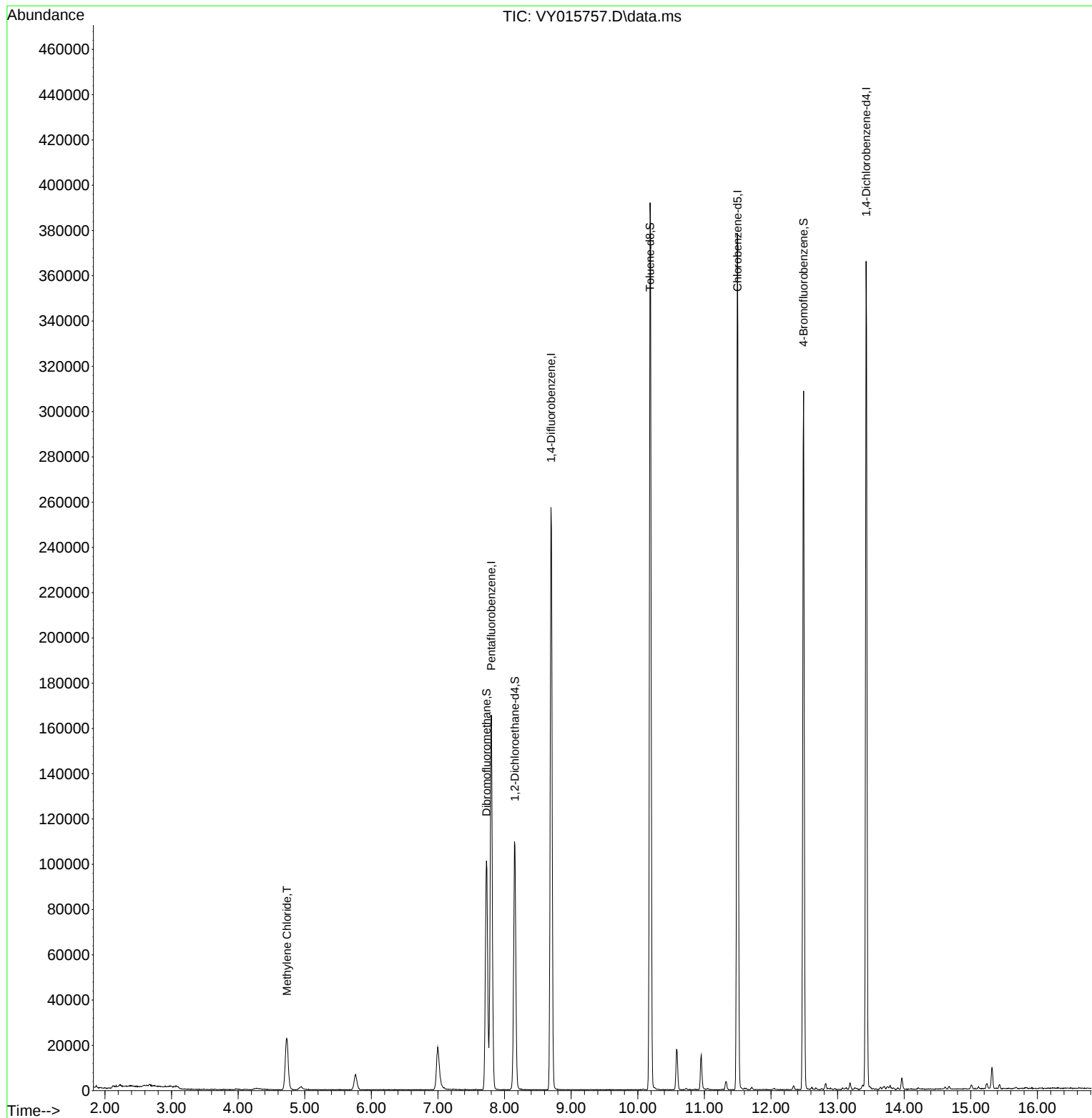
Internal Standards						
1) Pentafluorobenzene	7.801	168	128039	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	223877	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	207234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	85423	60.636	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.280%	
35) Dibromofluoromethane	7.728	113	74268	55.425	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.840%	
50) Toluene-d8	10.185	98	263581	58.014	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.020%	
62) 4-Bromofluorobenzene	12.489	95	88282	49.514	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.020%	
Target Compounds						Qvalue
20) Methylene Chloride	4.735	84	17600	6.443	ug/l	93

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
Data File : VY015757.D
Acq On : 29 Sep 2023 15:51
Operator : SY/MD
Sample : VY0929SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0929SBL01

Quant Time: Sep 30 01:13:14 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

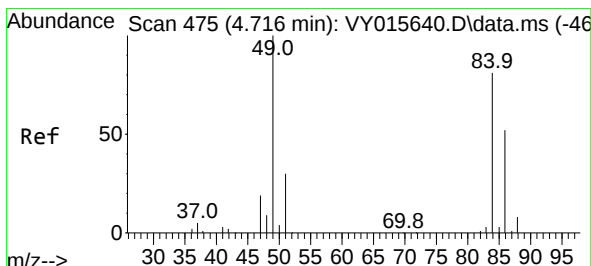
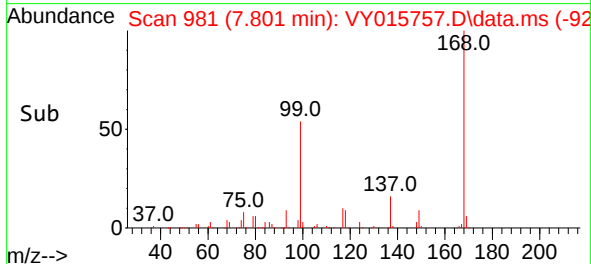
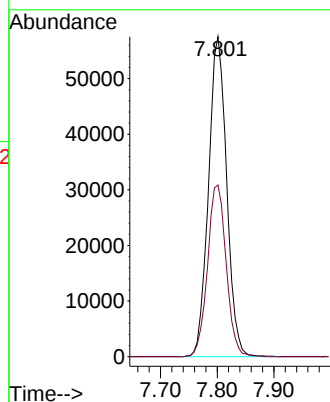
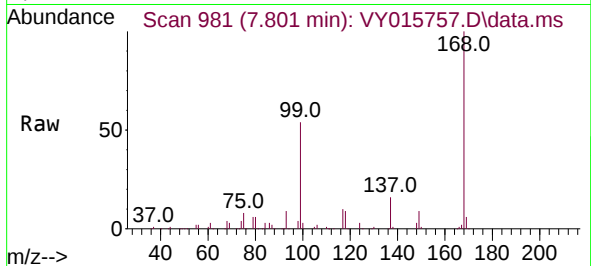




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015757.D
Acq: 29 Sep 2023 15:51

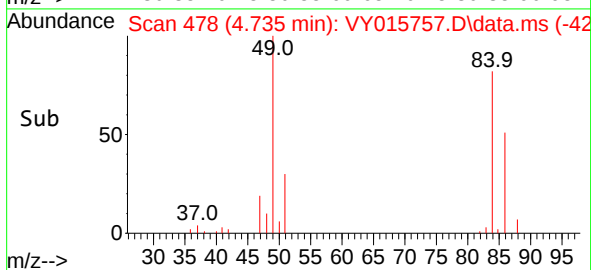
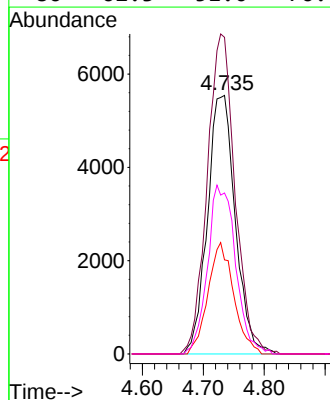
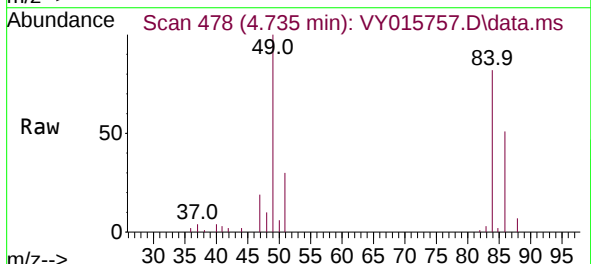
Instrument :
MSVOA_Y
ClientSampleId :
VY0929SBL01

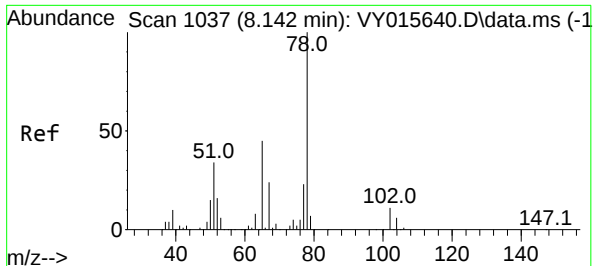
Tgt Ion:168 Resp: 128039
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#20
Methylene Chloride
Concen: 6.443 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.031 min
Lab File: VY015757.D
Acq: 29 Sep 2023 15:51

Tgt Ion: 84 Resp: 17600
Ion Ratio Lower Upper
84 100
49 122.4 106.9 160.3
51 36.4 33.2 49.8
86 62.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 60.636 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.019 min

Lab File: VY015757.D

Acq: 29 Sep 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

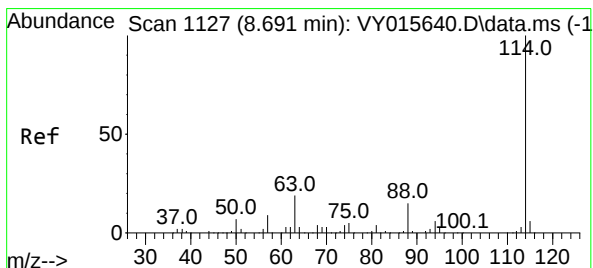
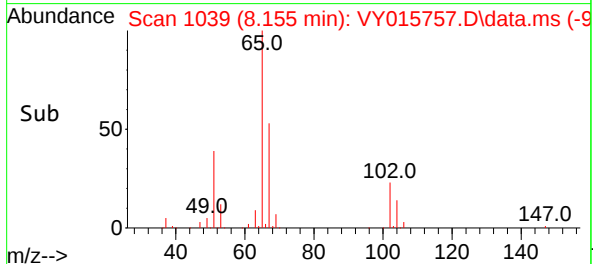
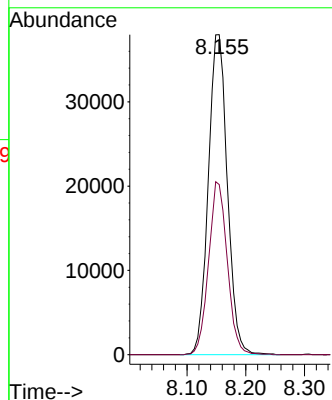
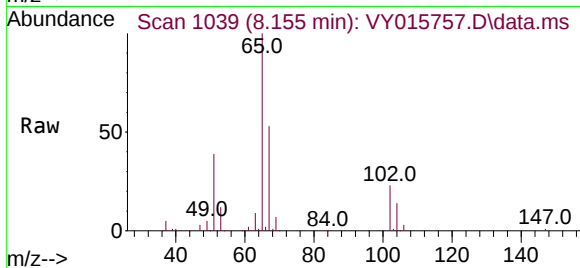
VY0929SBL01

Tgt Ion: 65 Resp: 85423

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015757.D

Acq: 29 Sep 2023 15:51

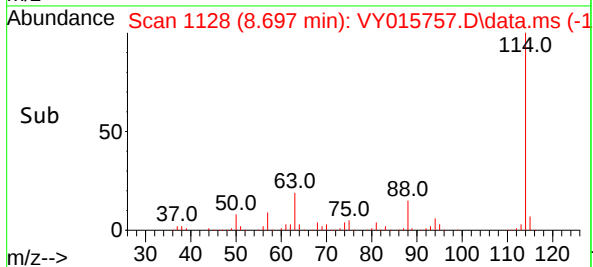
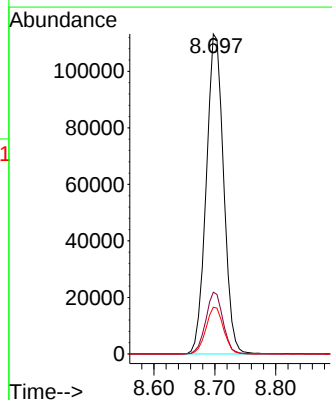
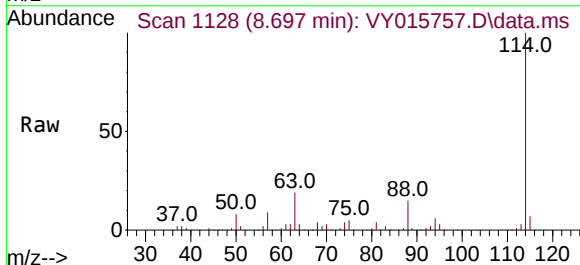
Tgt Ion: 114 Resp: 223877

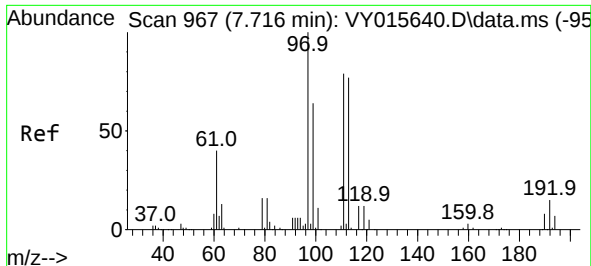
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.425 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY015757.D

Acq: 29 Sep 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0929SBL01

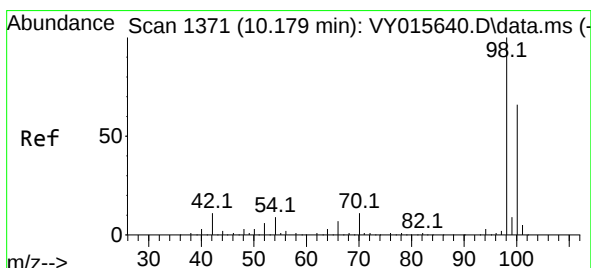
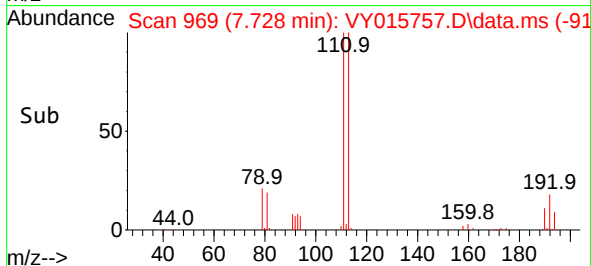
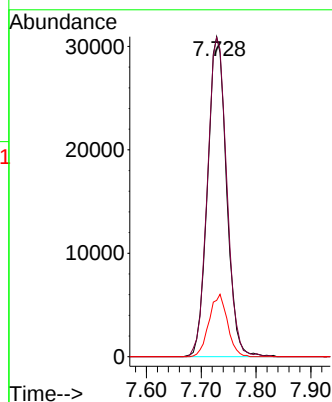
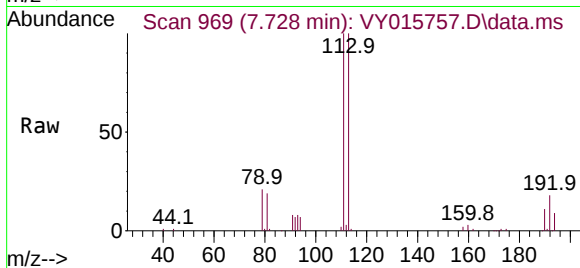
Tgt Ion:113 Resp: 74268

Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 19.0 16.9 25.3



#50

Toluene-d8

Concen: 58.014 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015757.D

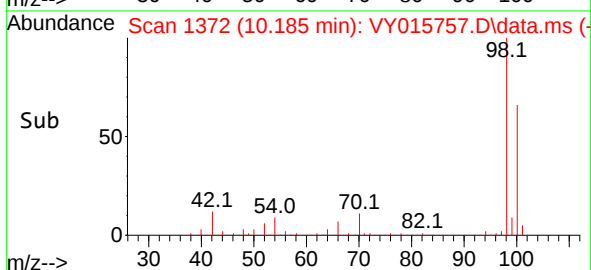
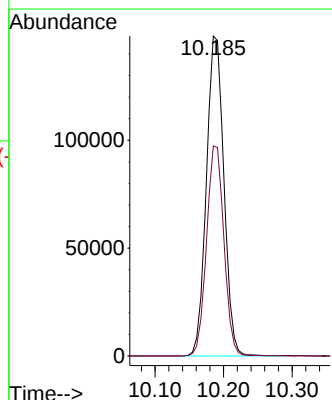
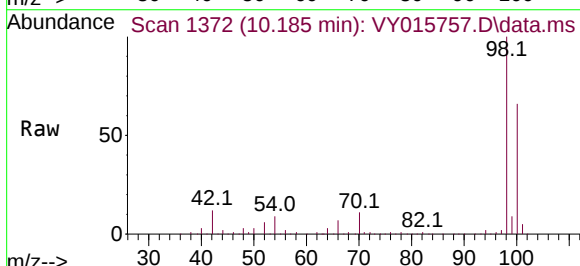
Acq: 29 Sep 2023 15:51

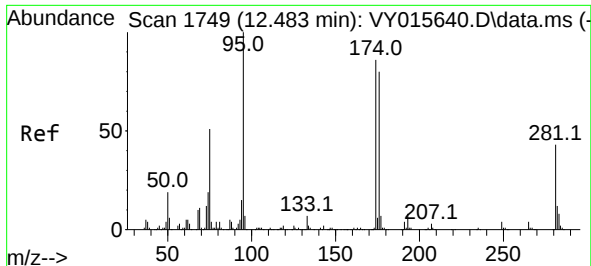
Tgt Ion: 98 Resp: 263581

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 49.514 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015757.D

Acq: 29 Sep 2023 15:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0929SBL01

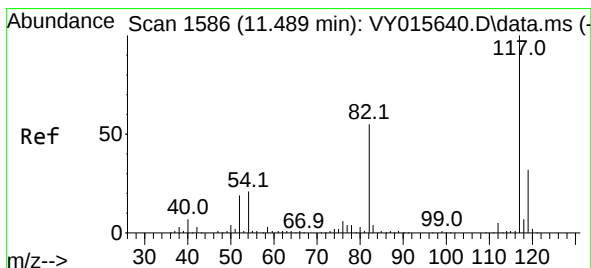
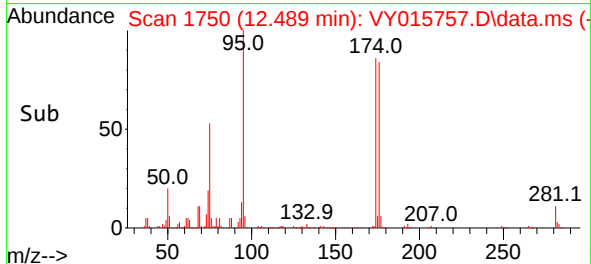
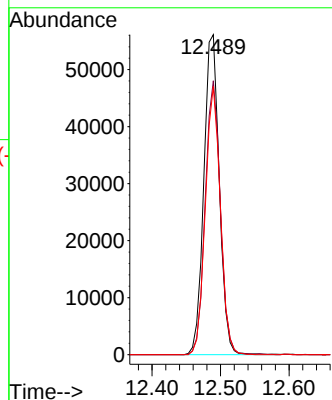
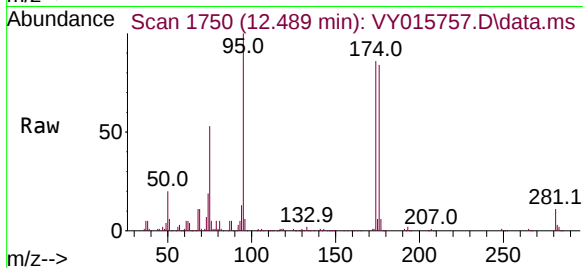
Tgt Ion: 95 Resp: 88282

Ion Ratio Lower Upper

95 100

174 83.7 0.0 178.2

176 81.4 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.007 min

Lab File: VY015757.D

Acq: 29 Sep 2023 15:51

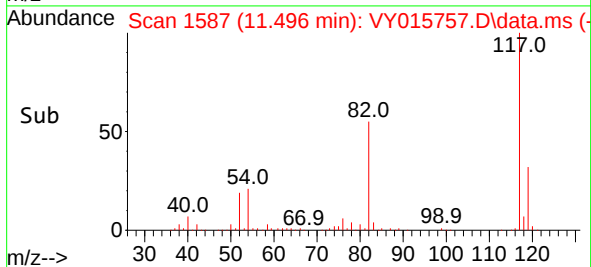
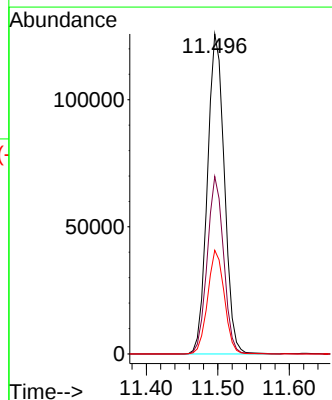
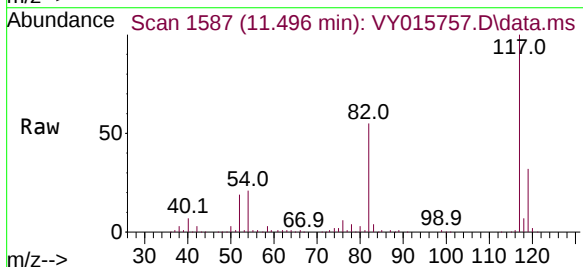
Tgt Ion: 117 Resp: 207234

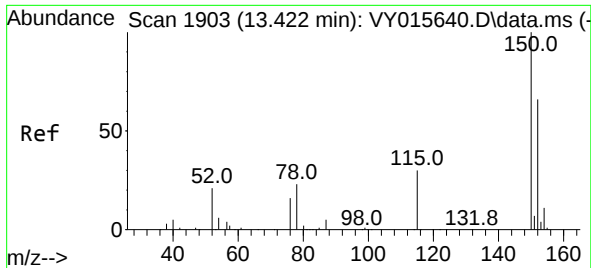
Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

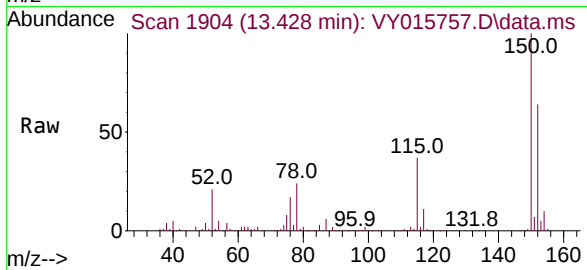
119 32.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015757.D
 Acq: 29 Sep 2023 15:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0929SBL01



Tgt Ion:152 Resp: 93761
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.8 86.5
 150 156.1 0.0 348.8

