

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015137.D
 Acq On : 16 Aug 2023 10:11
 Operator : SY/MD
 Sample : VY0816SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBL01

Quant Time: Aug 16 16:17:02 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)

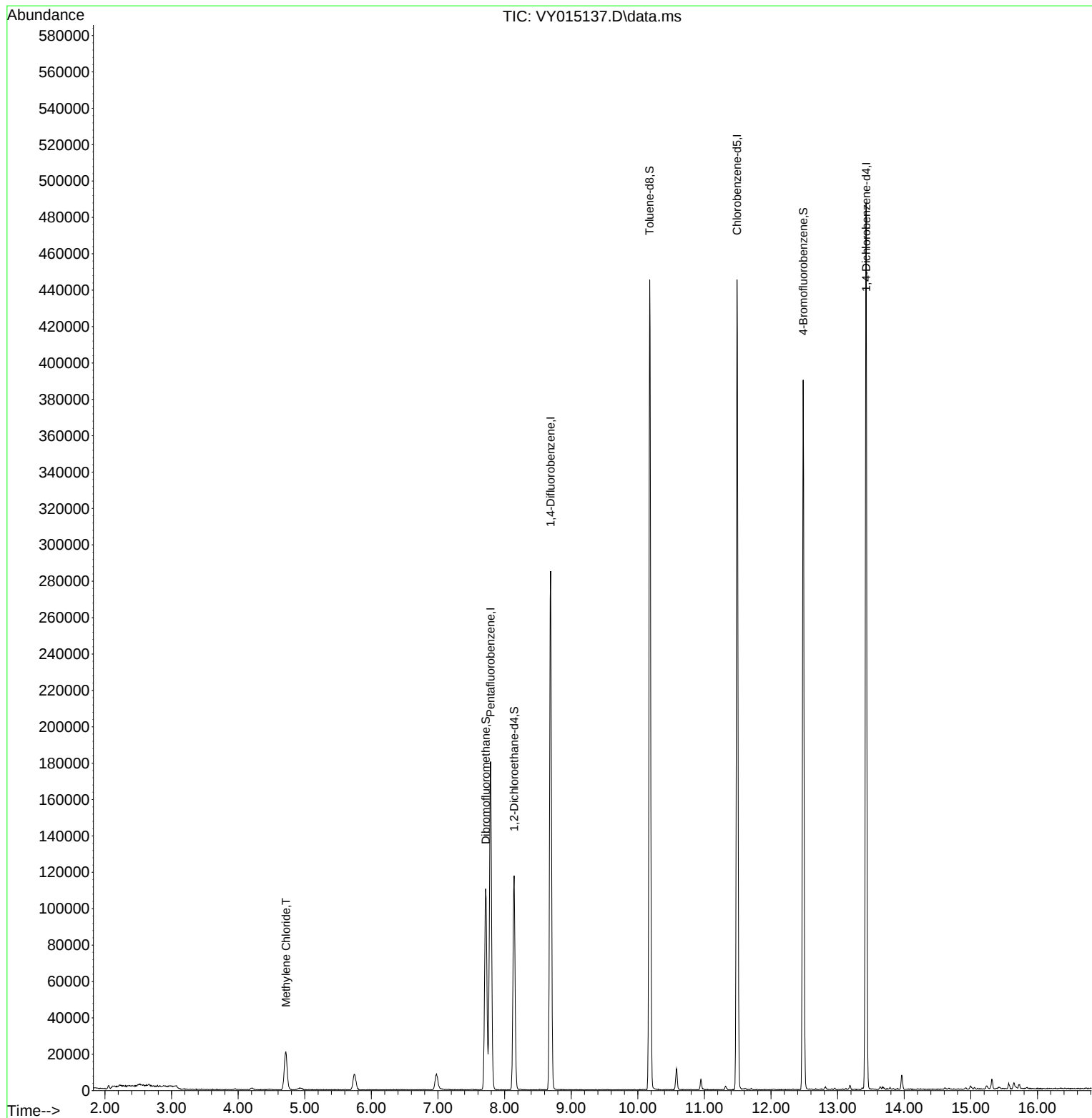
Internal Standards						
1) Pentafluorobenzene	7.789	168	139795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	239037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92301	55.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.000%
35) Dibromofluoromethane	7.716	113	78667	49.766	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.540%
50) Toluene-d8	10.179	98	291909	49.607	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.483	95	108494	50.479	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.960%
Target Compounds						
20) Methylene Chloride	4.716	84	15506	8.184	ug/l	89

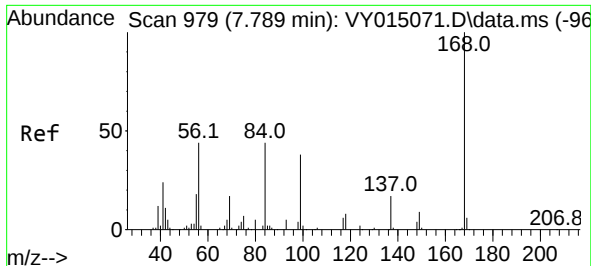
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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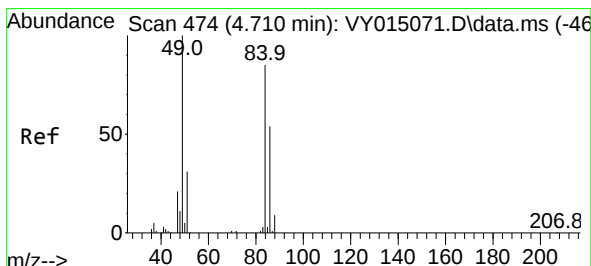
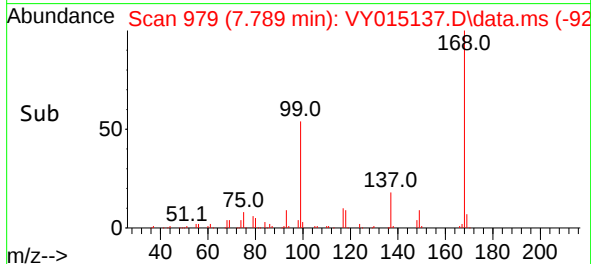
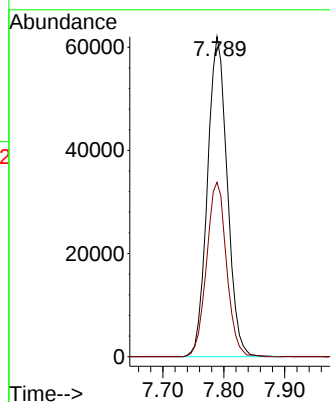
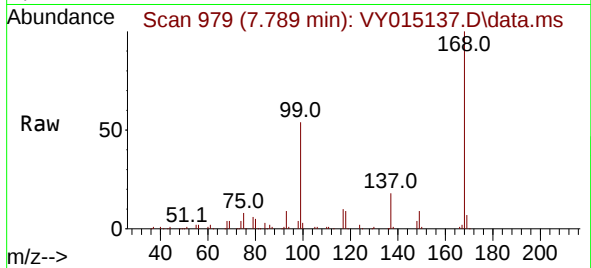




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

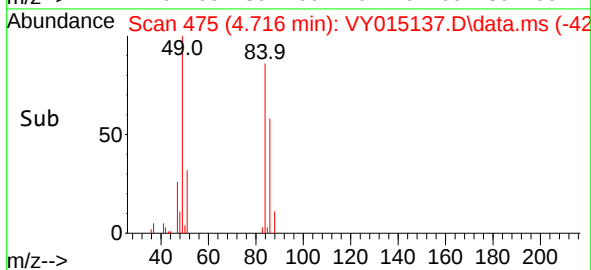
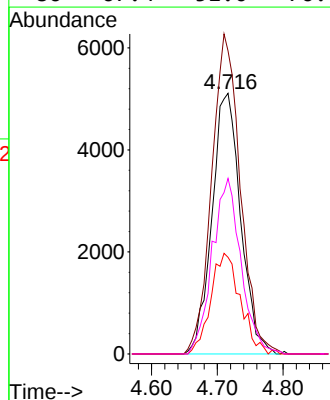
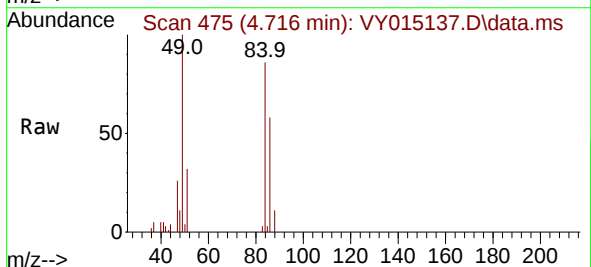
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBL01

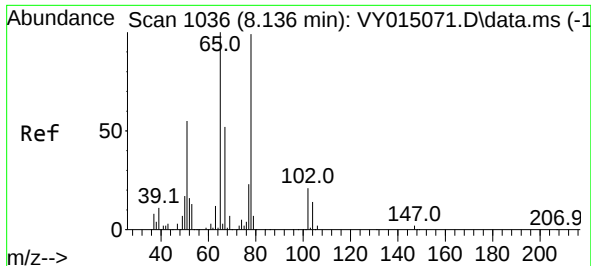
Tgt Ion:168 Resp: 139795
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#20
Methylene Chloride
Concen: 8.184 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

Tgt Ion: 84 Resp: 15506
Ion Ratio Lower Upper
84 100
49 116.3 106.9 160.3
51 37.1 33.2 49.8
86 67.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.003 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015137.D

Acq: 16 Aug 2023 10:11

Instrument :

MSVOA_Y

ClientSampleId :

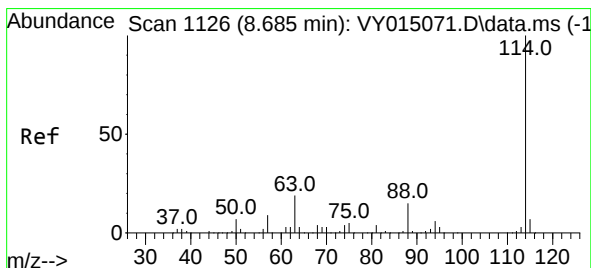
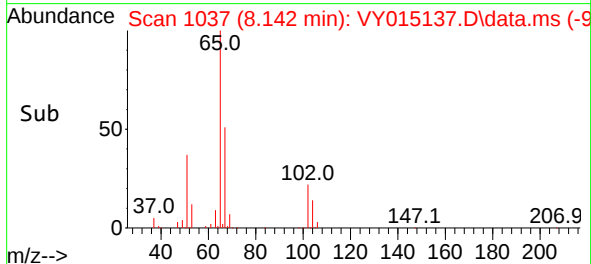
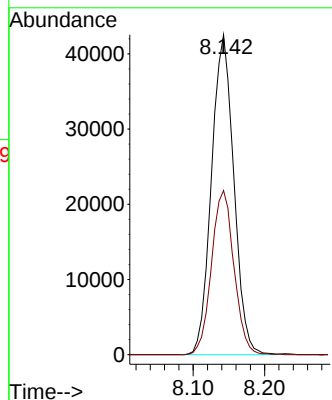
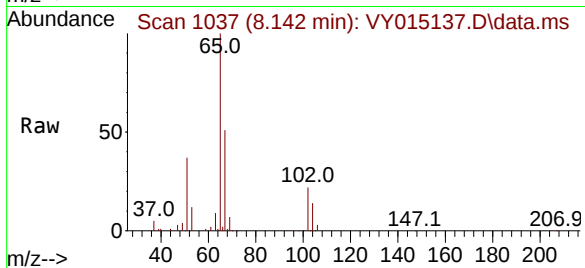
VY0816SBL01

Tgt Ion: 65 Resp: 92301

Ion Ratio Lower Upper

65 100

67 51.6 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: VY015137.D

Acq: 16 Aug 2023 10:11

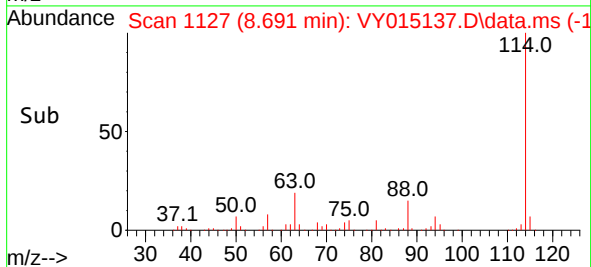
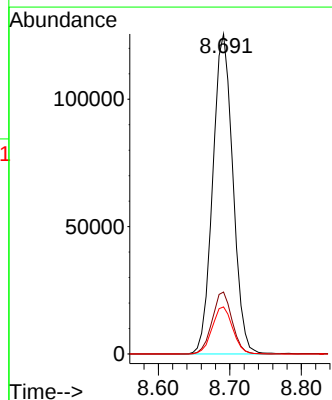
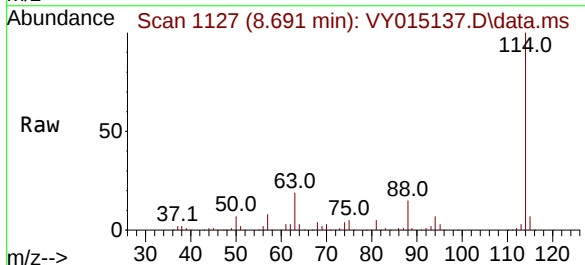
Tgt Ion: 114 Resp: 245712

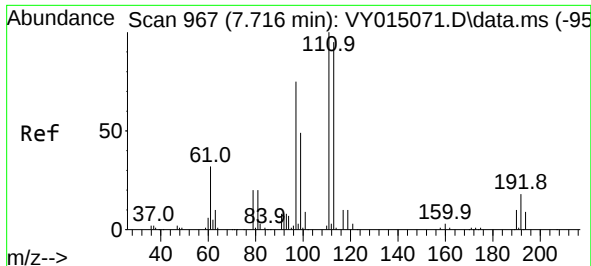
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 14.7 0.0 30.6

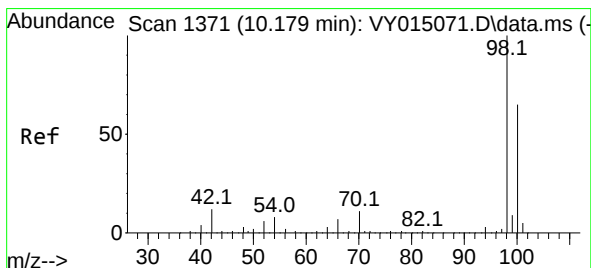
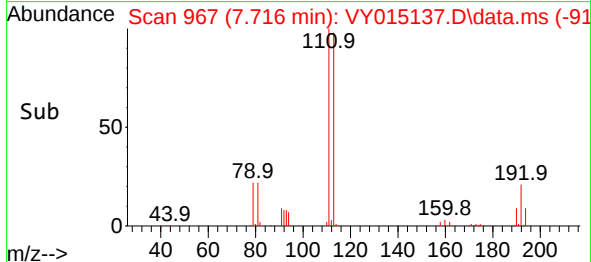
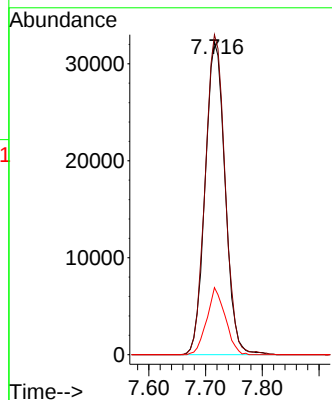
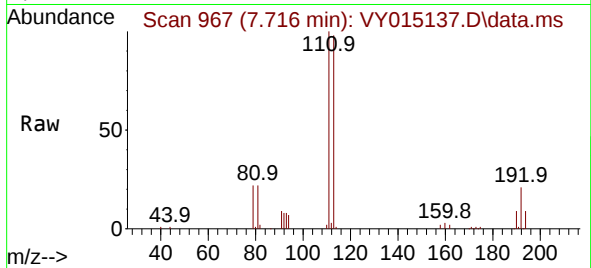




#35
Dibromofluoromethane
Concen: 49.766 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

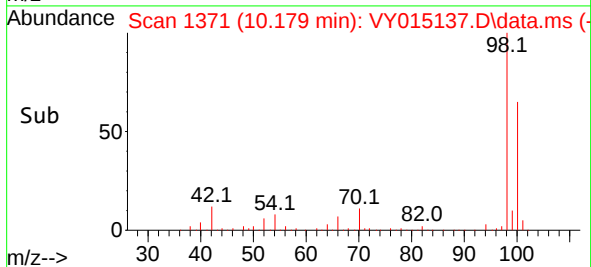
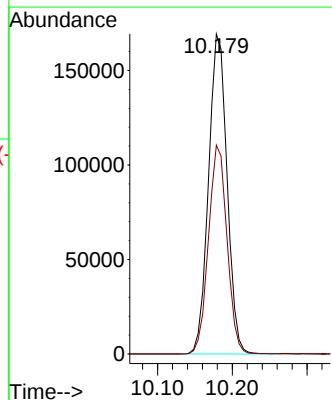
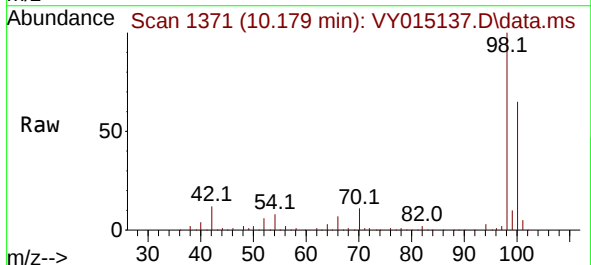
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBL01

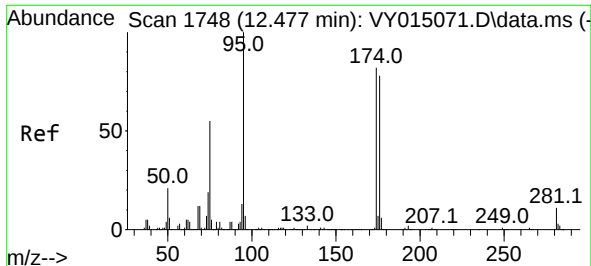
Tgt Ion:113 Resp: 78667
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 49.607 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

Tgt Ion: 98 Resp: 291909
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

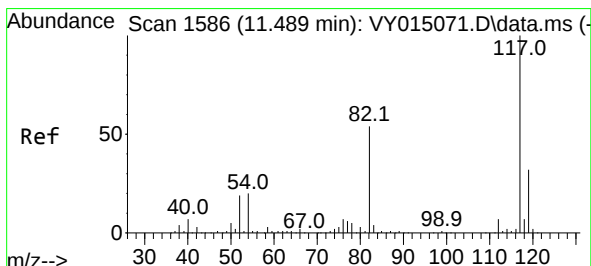
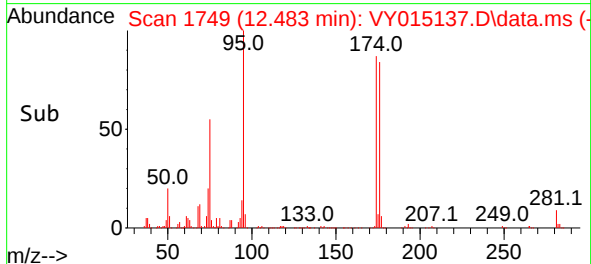
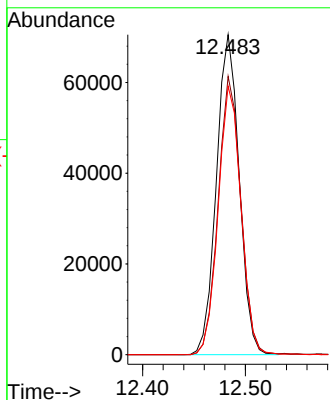
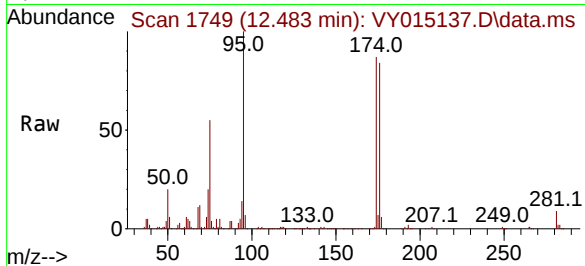




#62
4-Bromofluorobenzene
Concen: 50.479 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

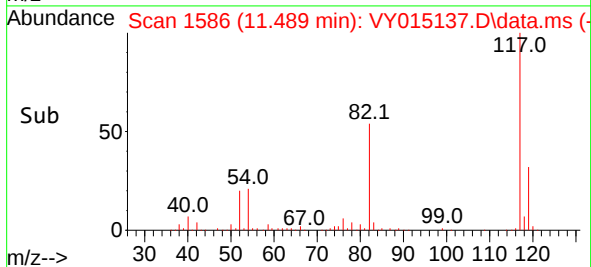
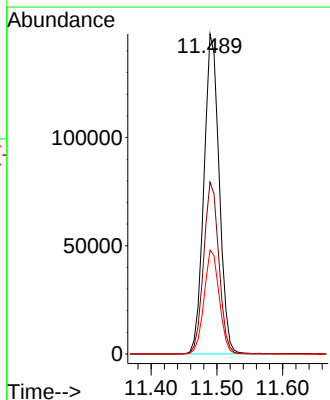
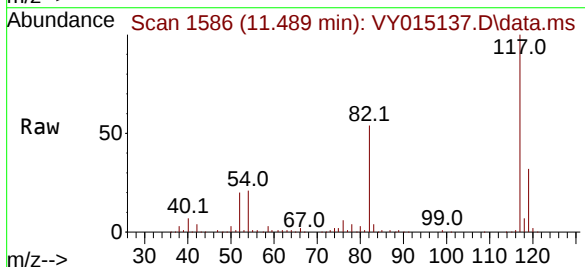
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBL01

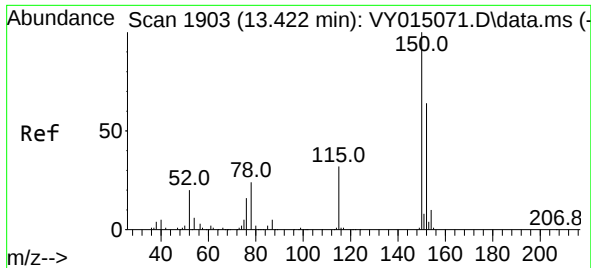
Tgt Ion: 95 Resp: 108494
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 84.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

Tgt Ion: 117 Resp: 239037
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.5 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: VY015137.D

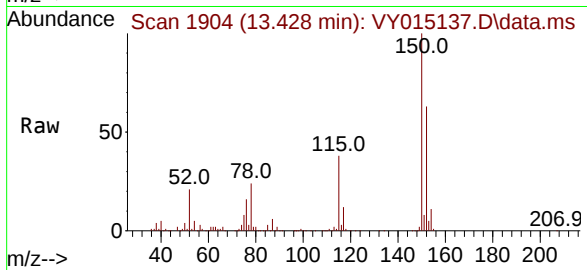
Acq: 16 Aug 2023 10:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0816SBL01



Tgt Ion:152 Resp: 120962

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 157.7 0.0 348.8

