

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019465.D
 Acq On : 09 Sep 2024 15:10
 Operator : SY/MD
 Sample : P3891-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AUD-SBG

Quant Time: Sep 10 01:48:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

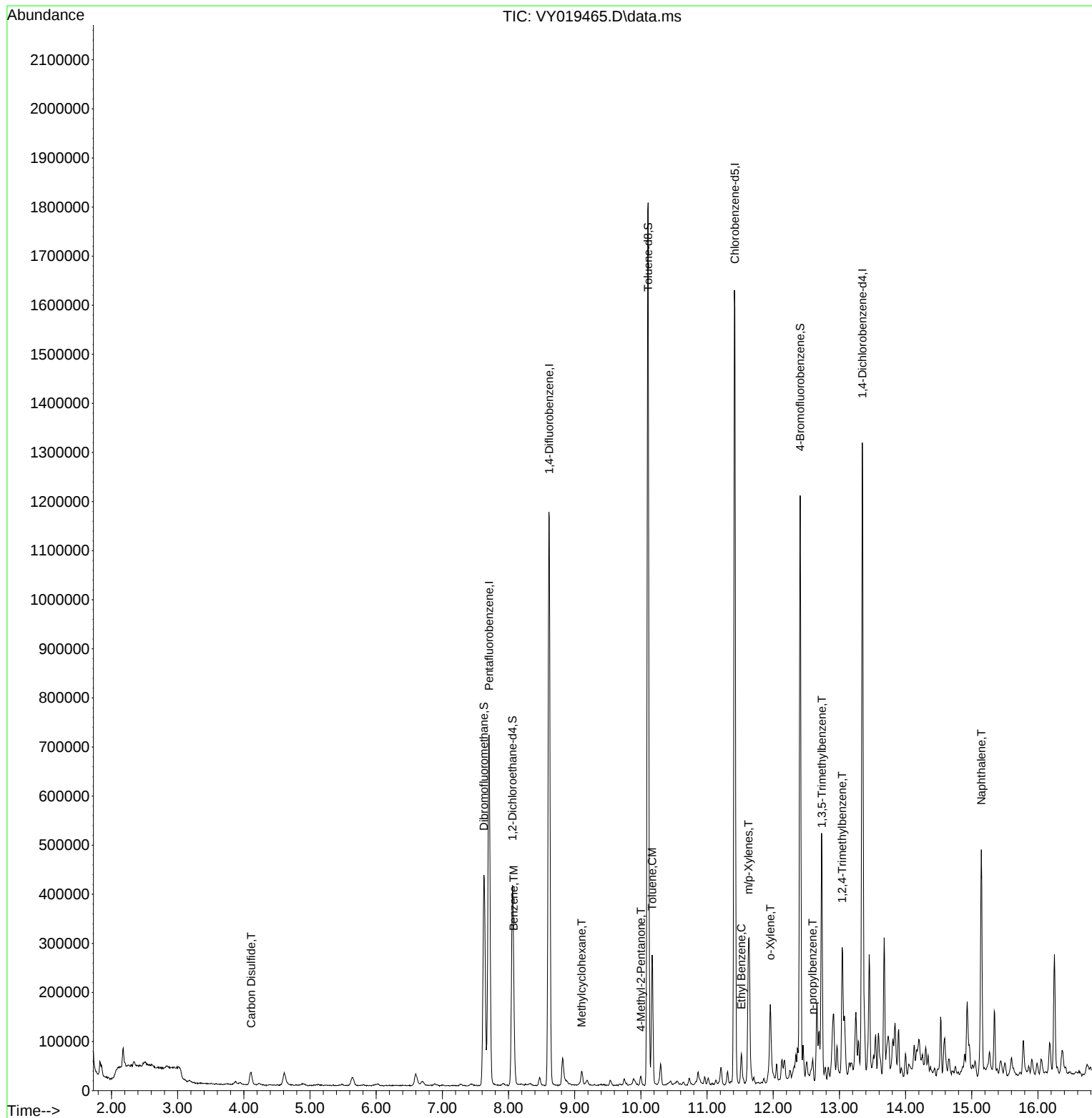
Internal Standards						
1) Pentafluorobenzene	7.707	168	536478	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	1007166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	868025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	309210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	296826	59.752	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.500%
35) Dibromofluoromethane	7.628	113	312823	54.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.560%
50) Toluene-d8	10.109	98	1175183	55.639	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.280%
62) 4-Bromofluorobenzene	12.408	95	384265	47.315	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.620%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.110	76	51731	4.023	ug/l	# 93
39) Methylcyclohexane	9.103	83	12573	1.216	ug/l	# 85
40) Benzene	8.079	78	77374	3.233	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	12509	2.973	ug/l	93
52) Toluene	10.170	92	107490	6.983	ug/l	99
67) Ethyl Benzene	11.518	91	38559	1.271	ug/l	96
68) m/p-Xylenes	11.627	106	71017	6.191	ug/l	94
69) o-Xylene	11.957	106	34242	3.052	ug/l	94
78) n-propylbenzene	12.597	91	33997	1.279	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	53915	2.956	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	145046	8.035	ug/l	93
95) Naphthalene	15.145	128	345648	32.896	ug/l	99

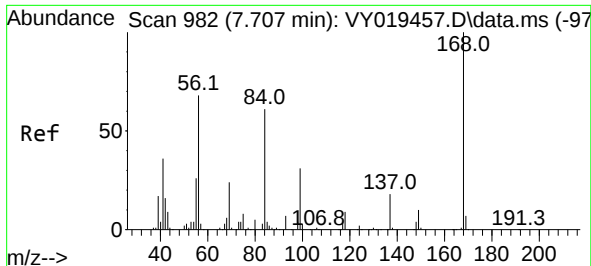
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
Data File : VY019465.D
Acq On : 09 Sep 2024 15:10
Operator : SY/MD
Sample : P3891-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-SBG

Quant Time: Sep 10 01:48:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

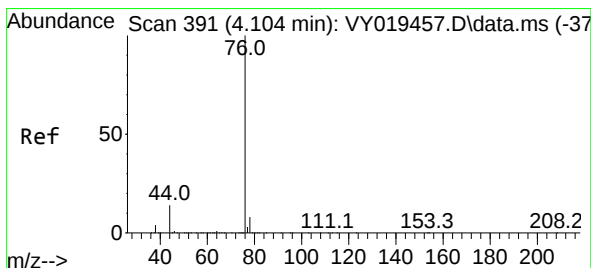
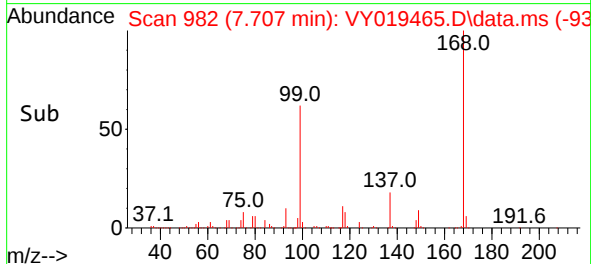
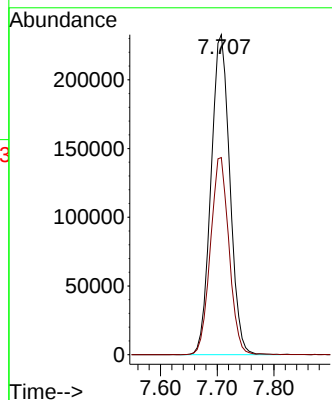
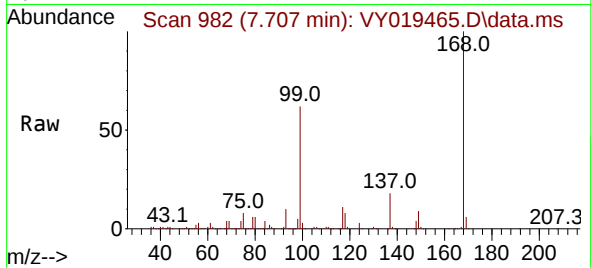




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019465.D
Acq: 09 Sep 2024 15:10

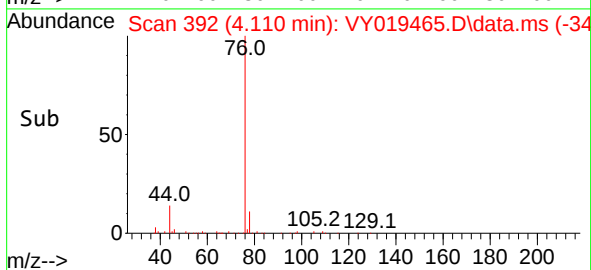
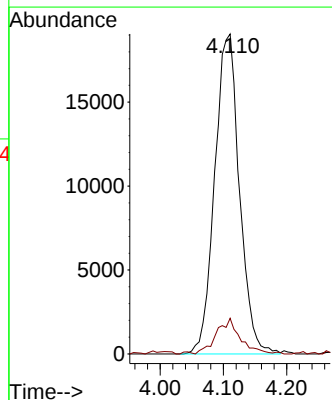
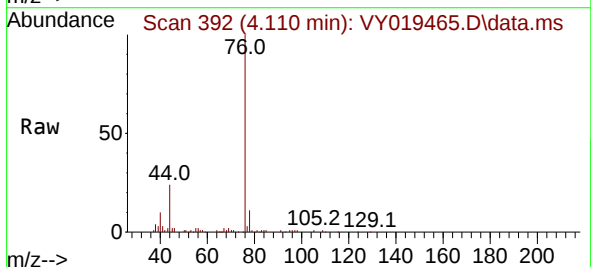
Instrument :
MSVOA_Y
ClientSampleId :
AUD-SBG

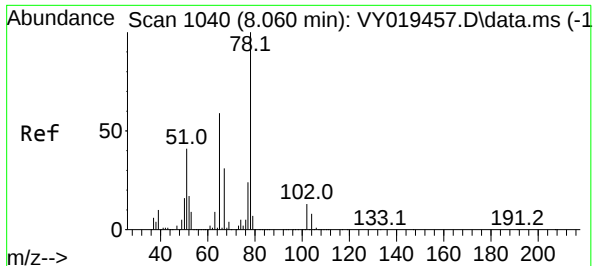
Tgt Ion:168 Resp: 536478
Ion Ratio Lower Upper
168 100
99 61.6 39.1 58.7#



#17
Carbon Disulfide
Concen: 4.023 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY019465.D
Acq: 09 Sep 2024 15:10

Tgt Ion: 76 Resp: 51731
Ion Ratio Lower Upper
76 100
78 11.1 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 59.752 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019465.D

Acq: 09 Sep 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

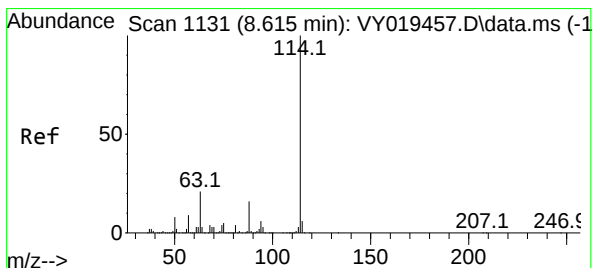
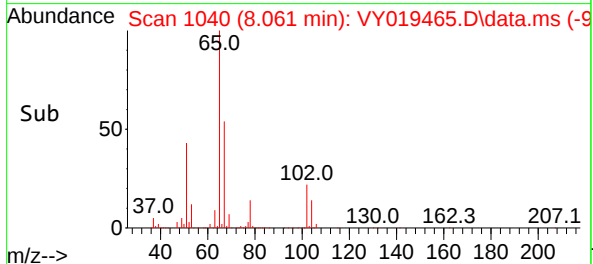
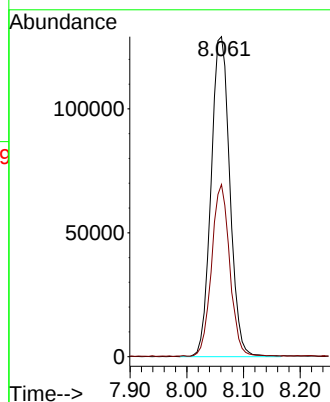
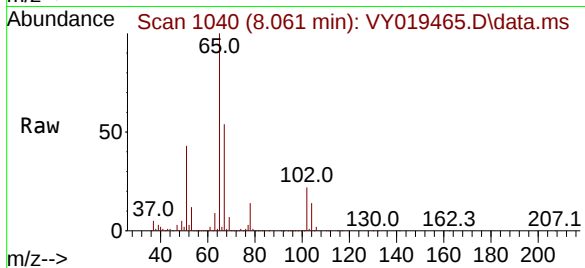
AUD-SBG

Tgt Ion: 65 Resp: 296826

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019465.D

Acq: 09 Sep 2024 15:10

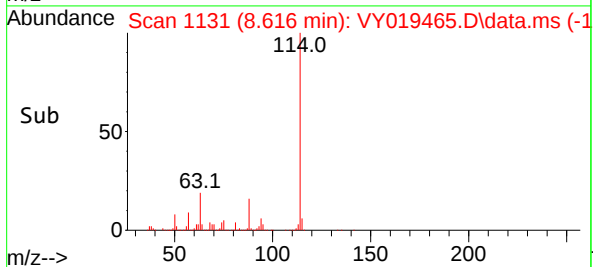
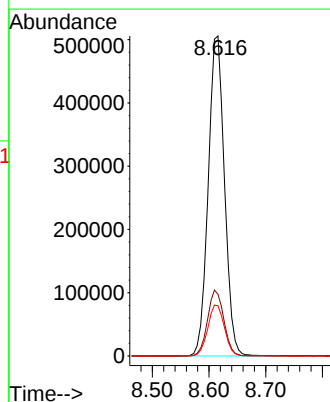
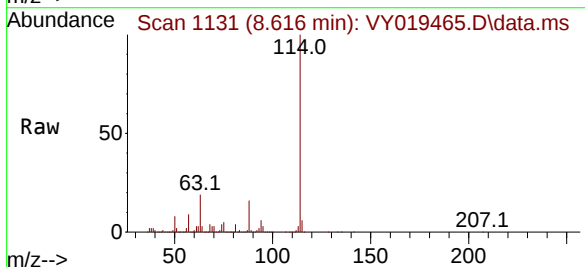
Tgt Ion: 114 Resp: 1007166

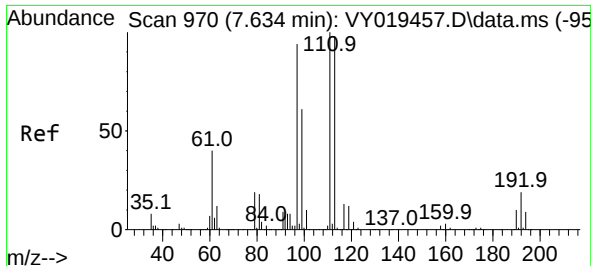
Ion Ratio Lower Upper

114 100

63 19.3 0.0 35.0

88 15.7 0.0 27.2

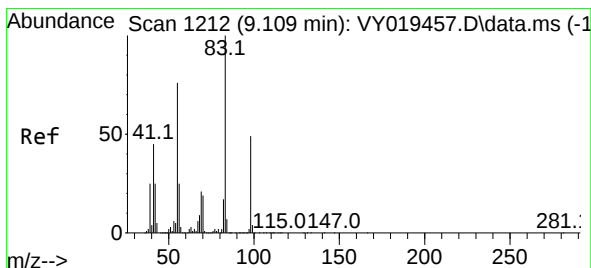
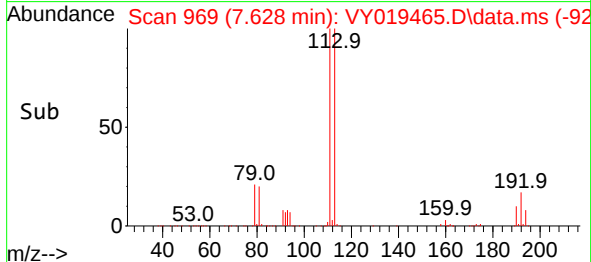
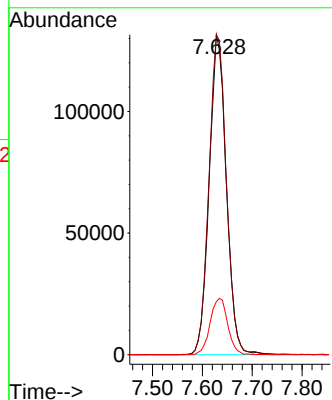
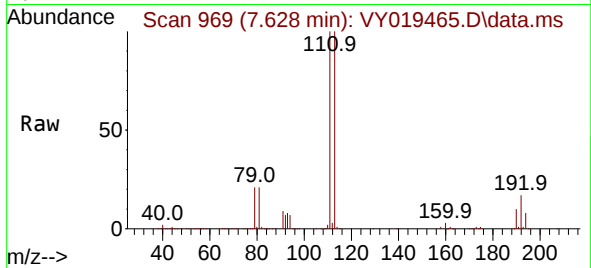




#35
Dibromofluoromethane
Concen: 54.781 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY019465.D
Acq: 09 Sep 2024 15:10

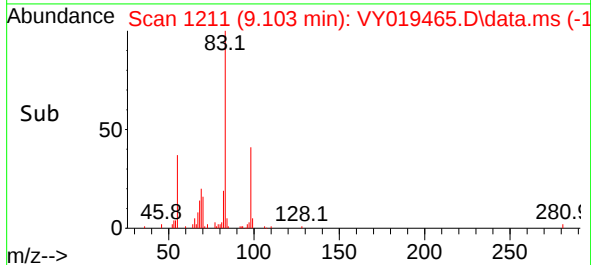
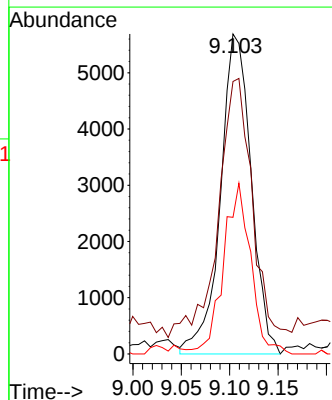
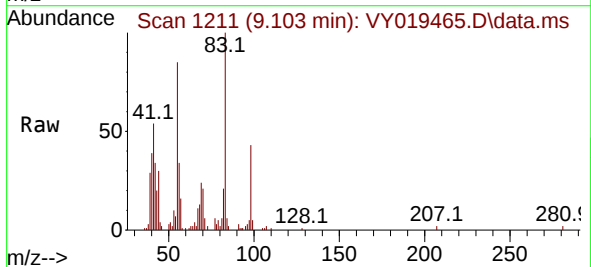
Instrument :
MSVOA_Y
ClientSampleId :
AUD-SBG

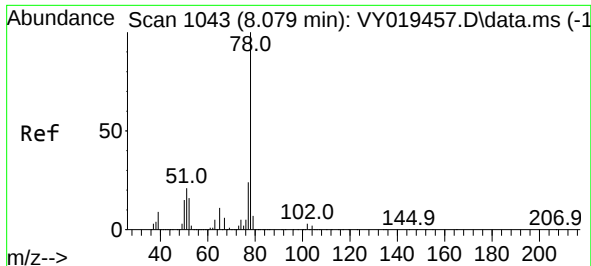
Tgt Ion:113 Resp: 312823
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 18.2 15.9 23.9



#39
Methylcyclohexane
Concen: 1.216 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VY019465.D
Acq: 09 Sep 2024 15:10

Tgt Ion: 83 Resp: 12573
Ion Ratio Lower Upper
83 100
55 77.4 51.5 77.3#
98 41.1 40.5 60.7

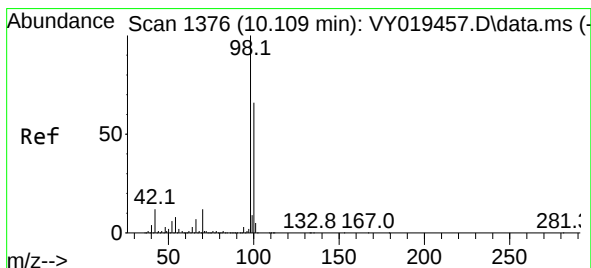
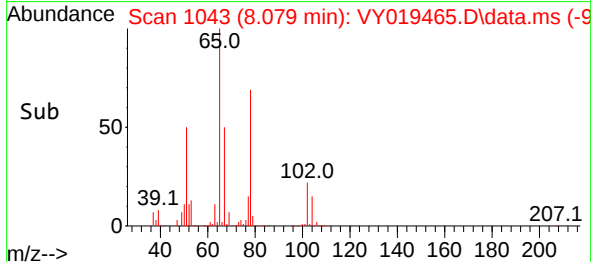
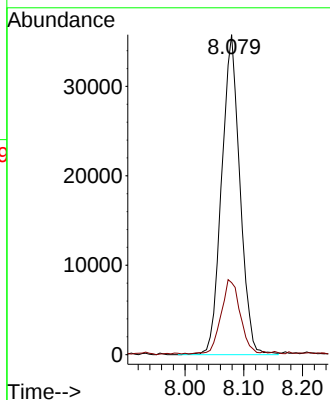
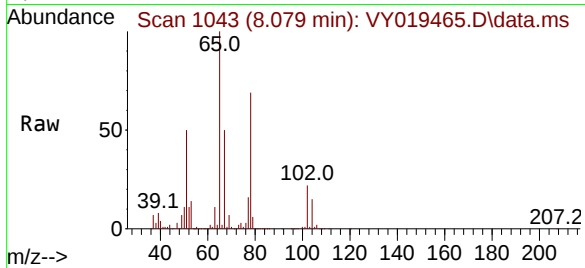




#40
Benzene
Concen: 3.233 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY019465.D
Acq: 09 Sep 2024 15:10

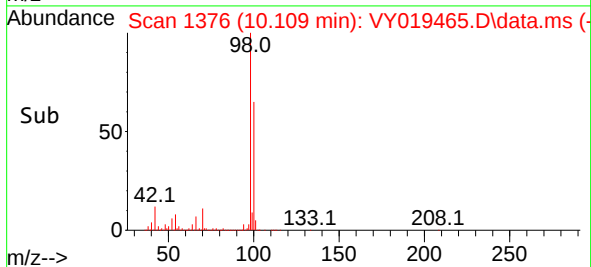
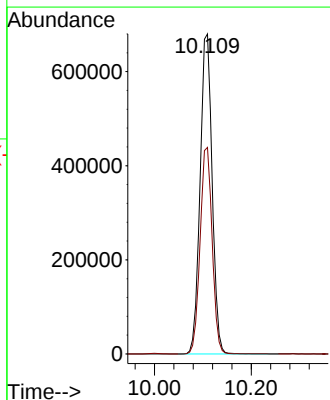
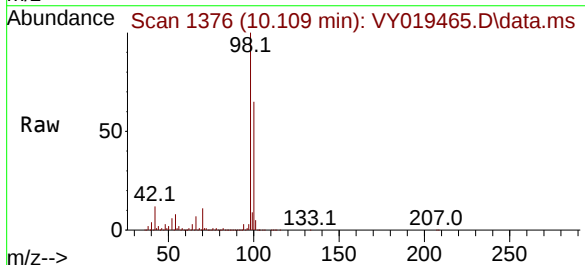
Instrument :
MSVOA_Y
ClientSampleId :
AUD-SBG

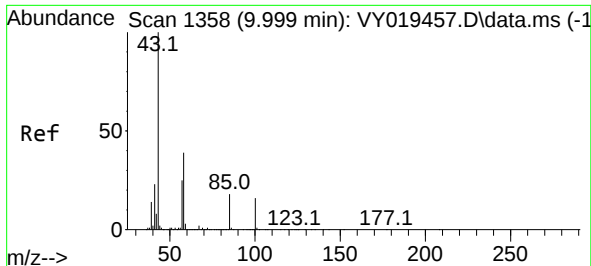
Tgt Ion: 78 Resp: 77374
Ion Ratio Lower Upper
78 100
77 22.1 19.5 29.3



#50
Toluene-d8
Concen: 55.639 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019465.D
Acq: 09 Sep 2024 15:10

Tgt Ion: 98 Resp: 1175183
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 2.973 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019465.D

Acq: 09 Sep 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

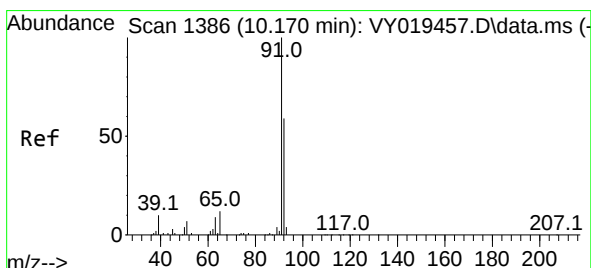
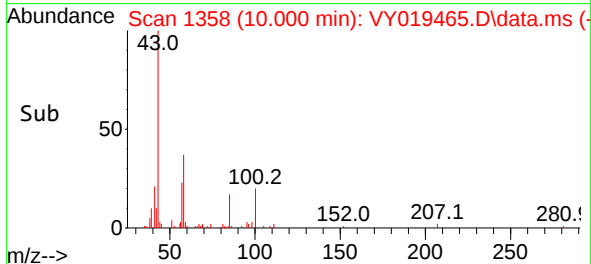
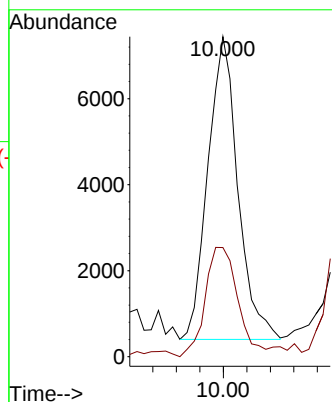
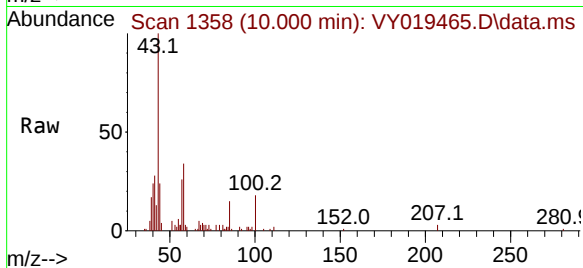
AUD-SBG

Tgt Ion: 43 Resp: 12509

Ion Ratio Lower Upper

43 100

58 39.7 35.7 53.5



#52

Toluene

Concen: 6.983 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019465.D

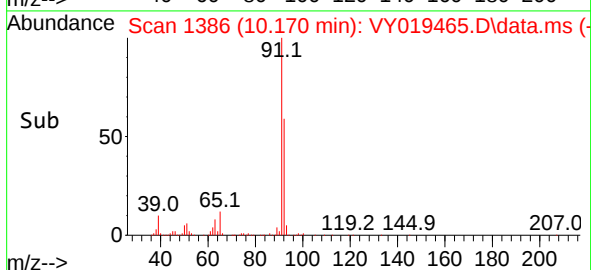
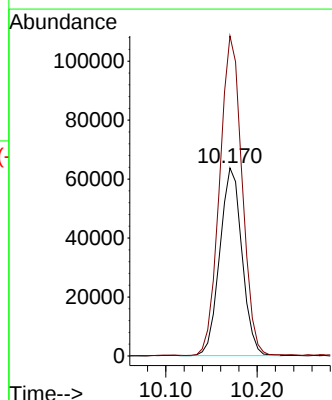
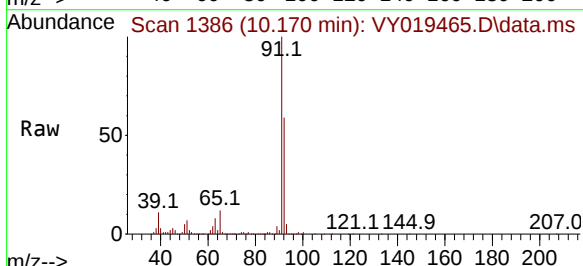
Acq: 09 Sep 2024 15:10

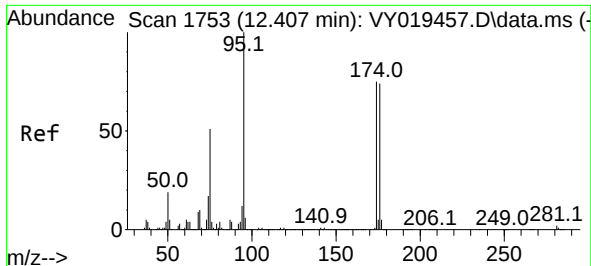
Tgt Ion: 92 Resp: 107490

Ion Ratio Lower Upper

92 100

91 172.4 139.0 208.6

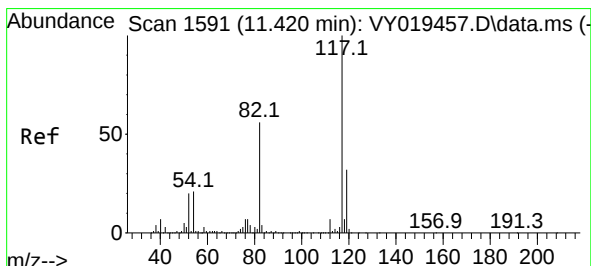
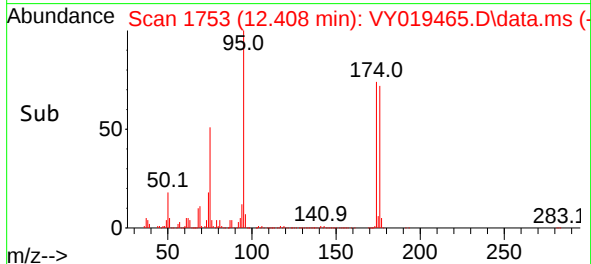
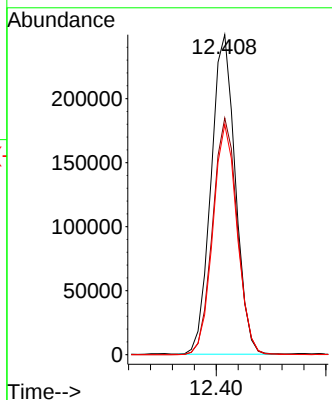
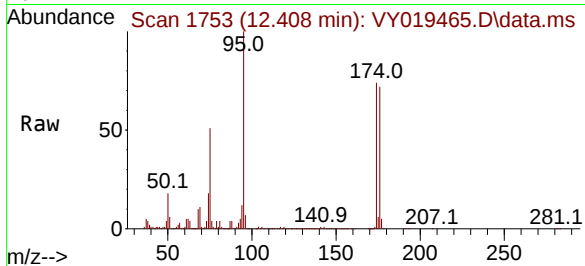




#62
4-Bromofluorobenzene
Concen: 47.315 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019465.D
Acq: 09 Sep 2024 15:10

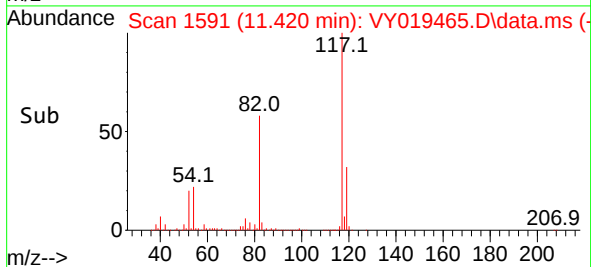
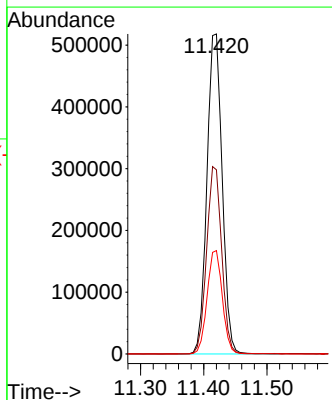
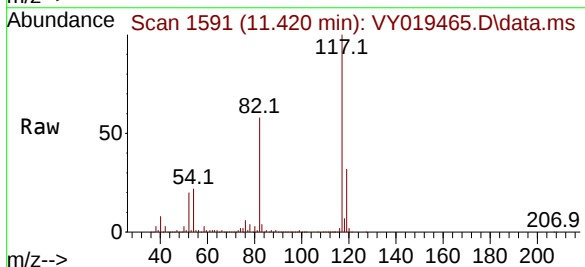
Instrument :
MSVOA_Y
ClientSampleId :
AUD-SBG

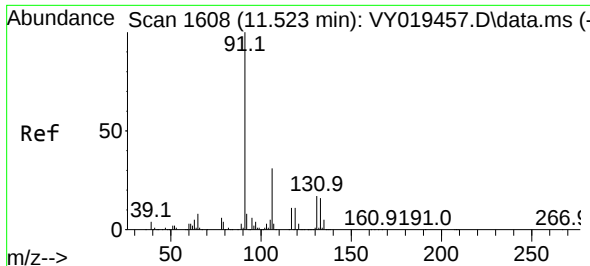
Tgt Ion: 95 Resp: 384265
Ion Ratio Lower Upper
95 100
174 75.1 0.0 175.6
176 72.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019465.D
Acq: 09 Sep 2024 15:10

Tgt Ion: 117 Resp: 868025
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 32.3 25.9 38.9





#67

Ethyl Benzene

Concen: 1.271 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019465.D

Acq: 09 Sep 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

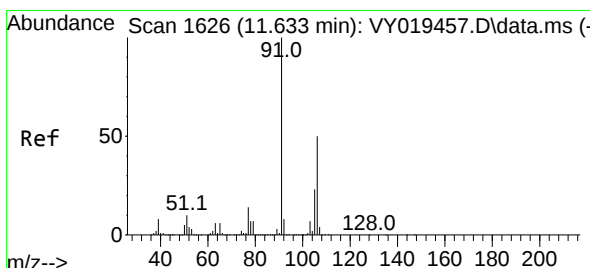
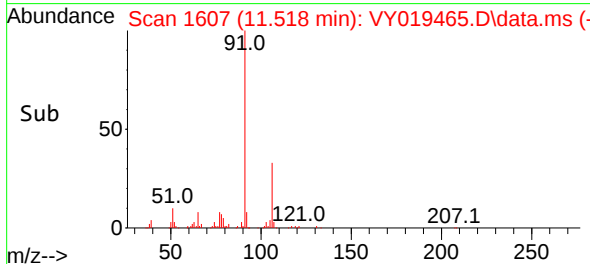
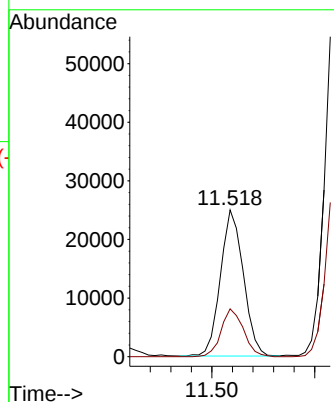
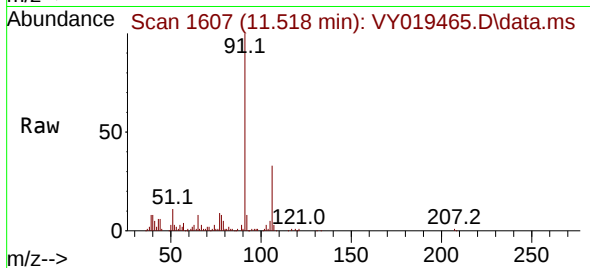
AUD-SBG

Tgt Ion: 91 Resp: 38559

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 6.191 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019465.D

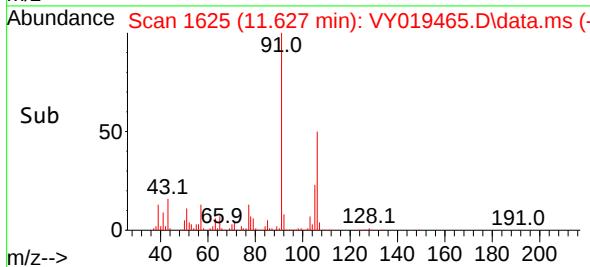
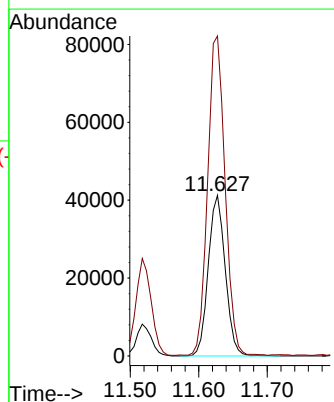
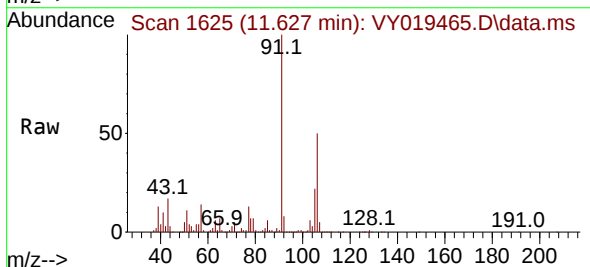
Acq: 09 Sep 2024 15:10

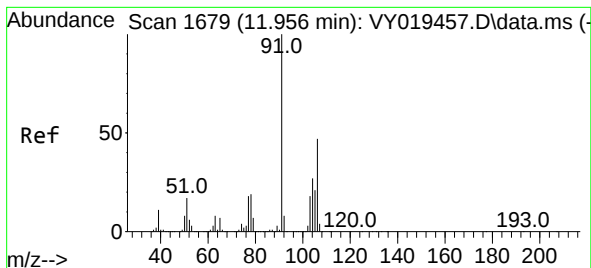
Tgt Ion: 106 Resp: 71017

Ion Ratio Lower Upper

106 100

91 204.1 156.0 234.0





#69

o-Xylene

Concen: 3.052 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019465.D

Acq: 09 Sep 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

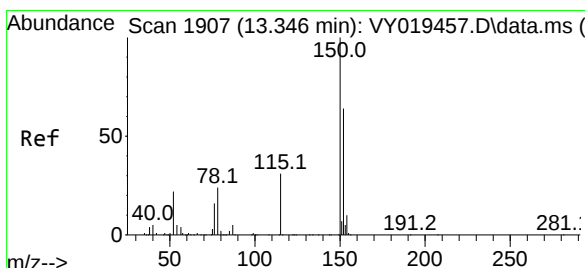
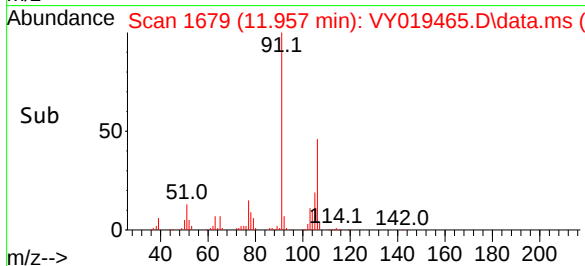
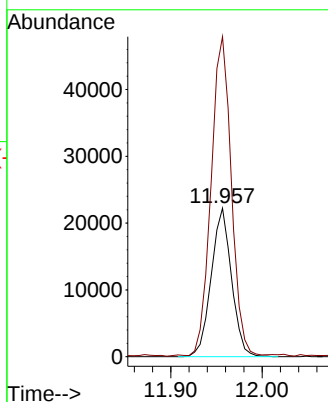
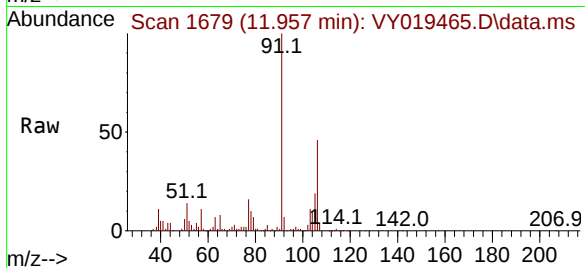
AUD-SBG

Tgt Ion:106 Resp: 34242

Ion Ratio Lower Upper

106 100

91 215.8 103.6 310.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019465.D

Acq: 09 Sep 2024 15:10

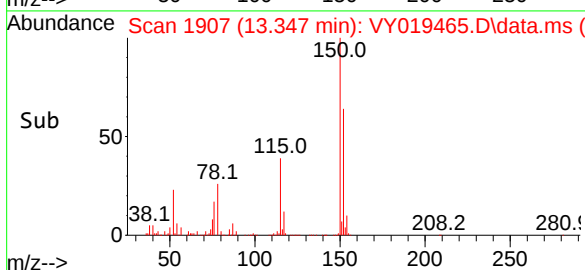
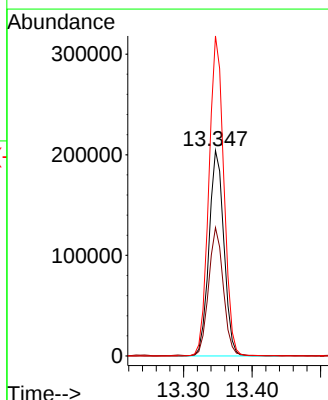
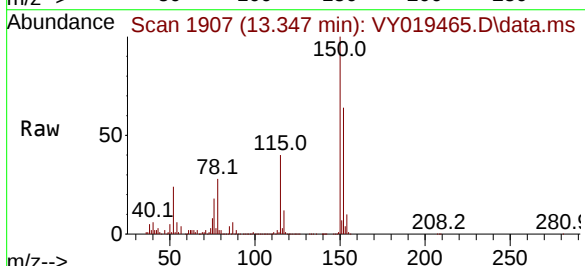
Tgt Ion:152 Resp: 309210

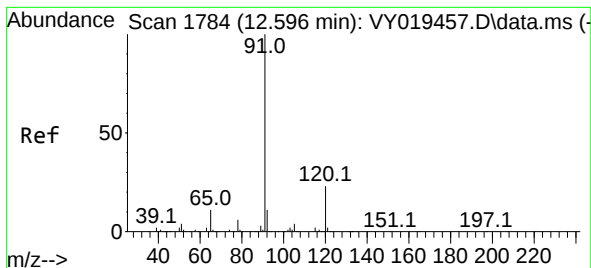
Ion Ratio Lower Upper

152 100

115 61.4 28.2 84.7

150 156.3 0.0 345.6





#78

n-propylbenzene

Concen: 1.279 ug/l

RT: 12.597 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019465.D

Acq: 09 Sep 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

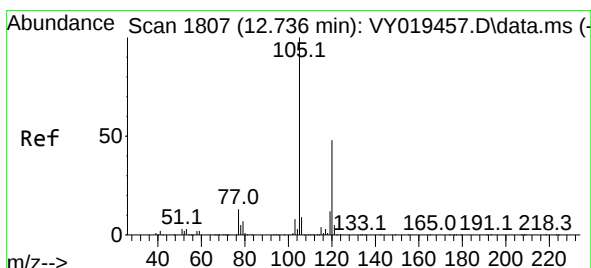
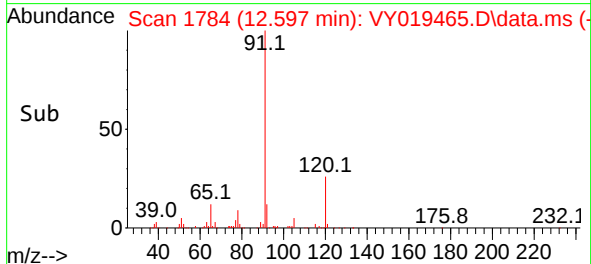
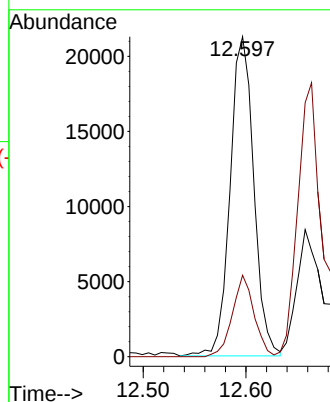
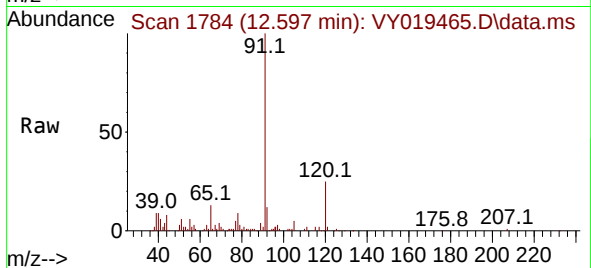
AUD-SBG

Tgt Ion: 91 Resp: 33997

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 2.956 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019465.D

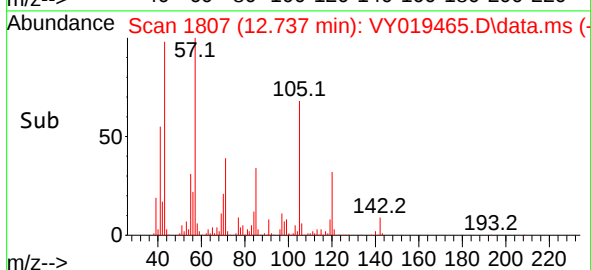
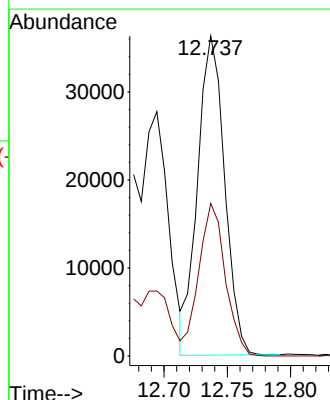
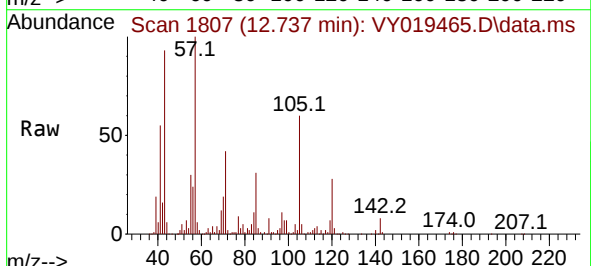
Acq: 09 Sep 2024 15:10

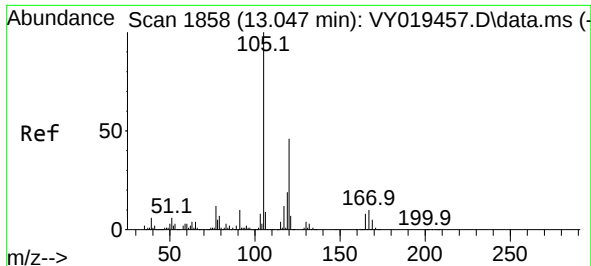
Tgt Ion: 105 Resp: 53915

Ion Ratio Lower Upper

105 100

120 47.0 25.1 75.2





#84

1,2,4-Trimethylbenzene

Concen: 8.035 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019465.D

Acq: 09 Sep 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

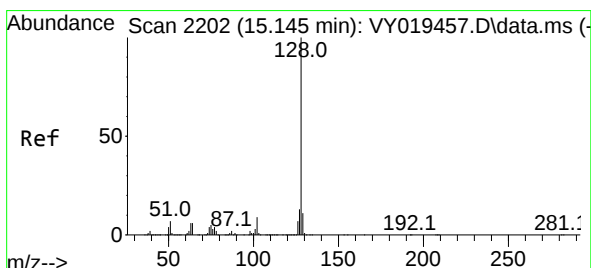
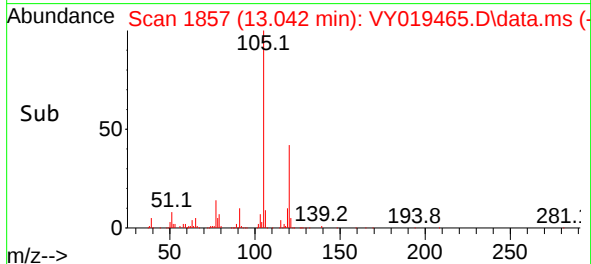
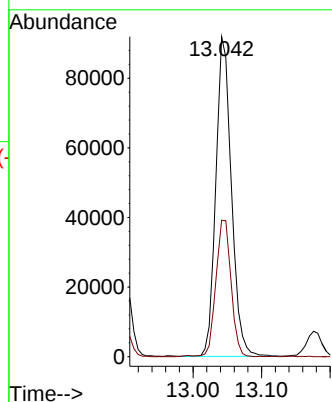
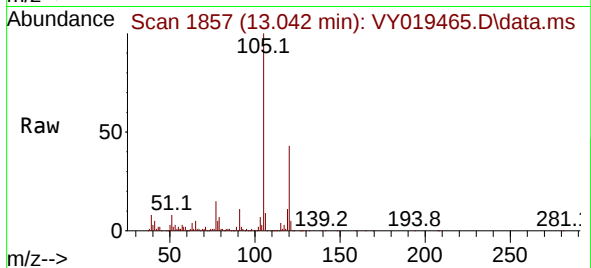
AUD-SBG

Tgt Ion:105 Resp: 145046

Ion Ratio Lower Upper

105 100

120 41.5 23.2 69.6



#95

Naphthalene

Concen: 32.896 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019465.D

Acq: 09 Sep 2024 15:10

Tgt Ion:128 Resp: 345648

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.4 8.6 13.0

