

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011135.D
 Acq On : 27 Oct 2022 13:49
 Operator : KP/MD
 Sample : N5281-07
 Misc : 4.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

Quant Time: Oct 28 00:46:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

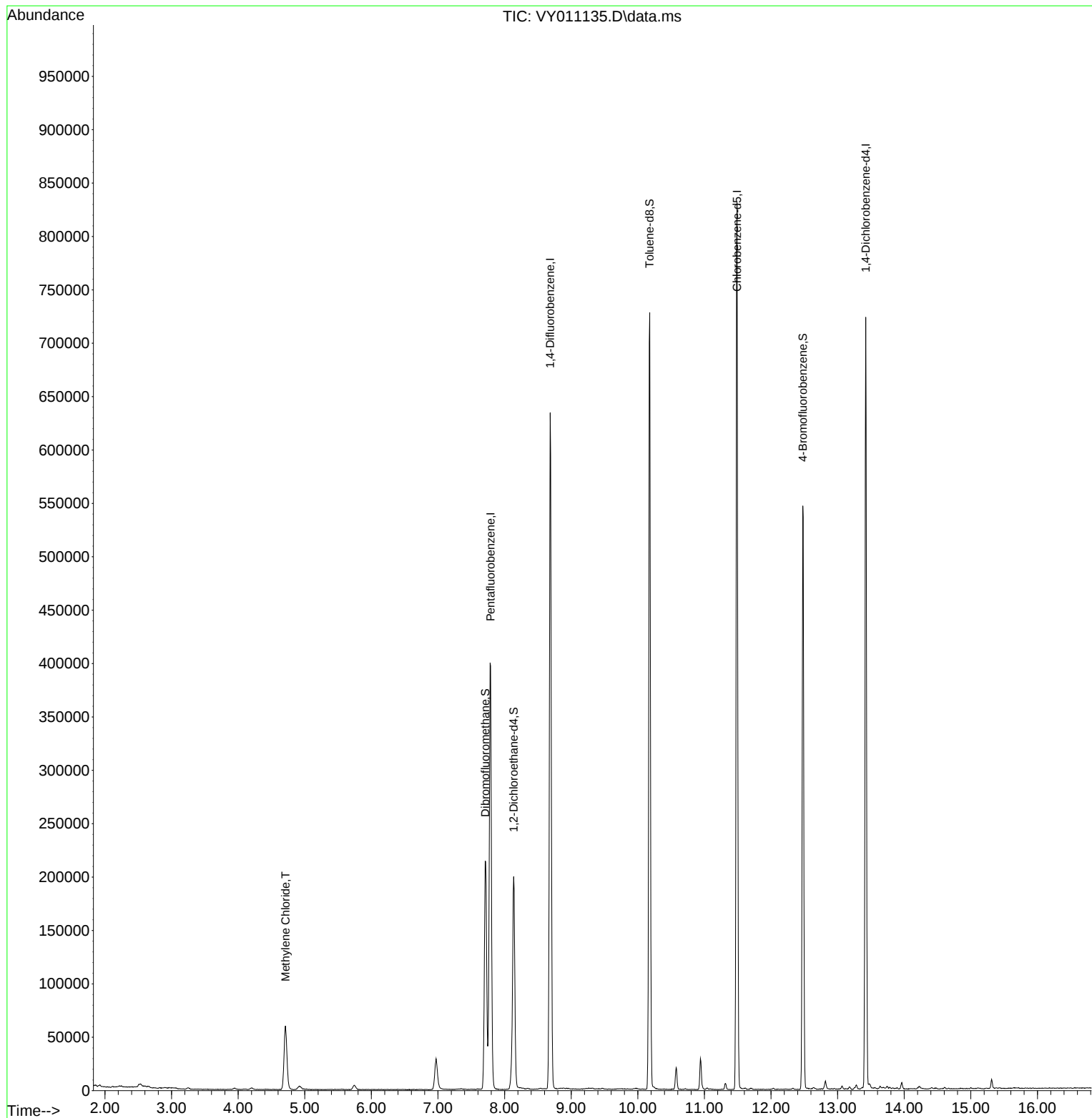
Internal Standards						
1) Pentafluorobenzene	7.789	168	310520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	548438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	466463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	188062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	144565	50.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.080%
35) Dibromofluoromethane	7.710	113	158505	51.931	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.860%
50) Toluene-d8	10.179	98	484434	42.304	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.600%
62) 4-Bromofluorobenzene	12.477	95	169957	41.368	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.740%
Target Compounds						
20) Methylene Chloride	4.710	84	46077	7.339	ug/l	Qvalue # 81

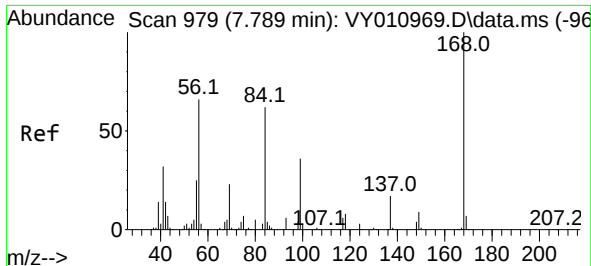
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
Data File : VY011135.D
Acq On : 27 Oct 2022 13:49
Operator : KP/MD
Sample : N5281-07
Misc : 4.34g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

Quant Time: Oct 28 00:46:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

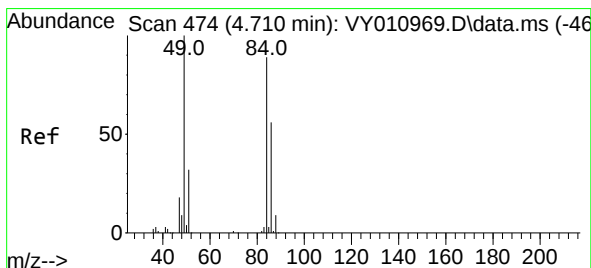
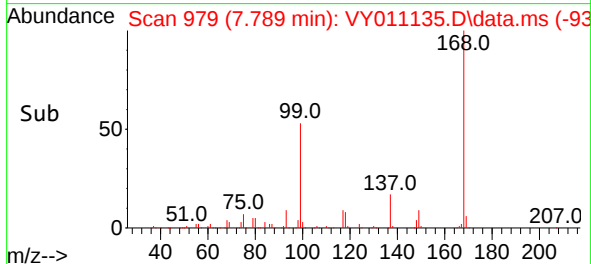
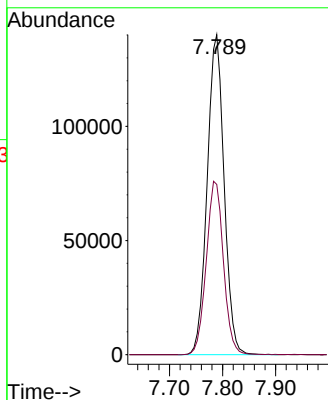
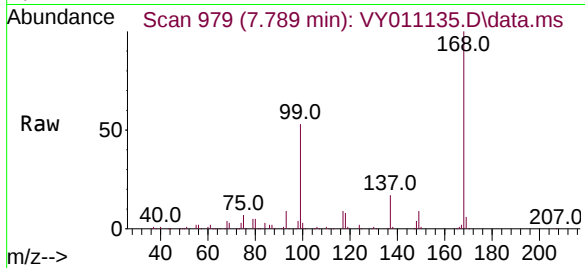




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

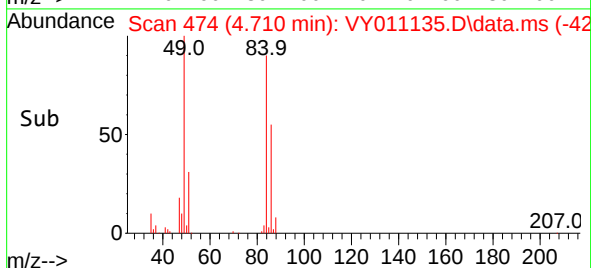
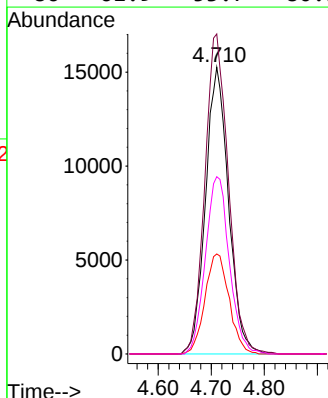
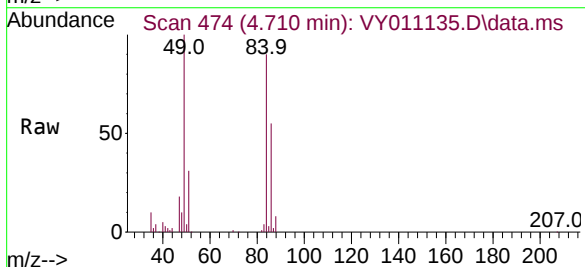
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

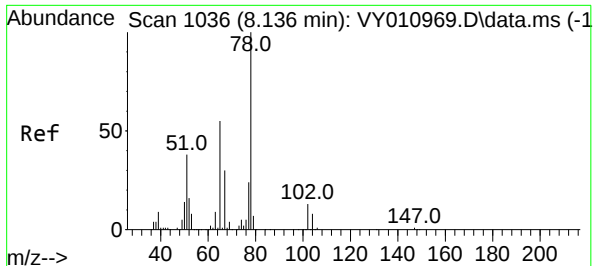
Tgt Ion:168 Resp: 310520
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#20
Methylene Chloride
Concen: 7.339 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

Tgt Ion: 84 Resp: 46077
Ion Ratio Lower Upper
84 100
49 111.6 114.4 171.6#
51 34.9 35.3 52.9#
86 61.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 50.541 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011135.D

Acq: 27 Oct 2022 13:49

Instrument :

MSVOA_Y

ClientSampleId :

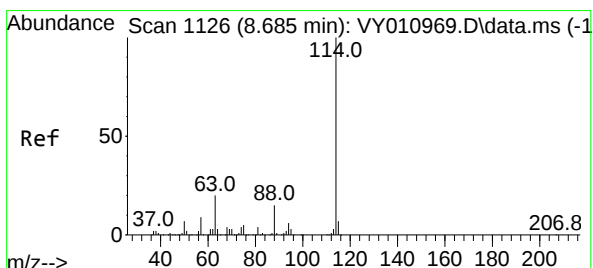
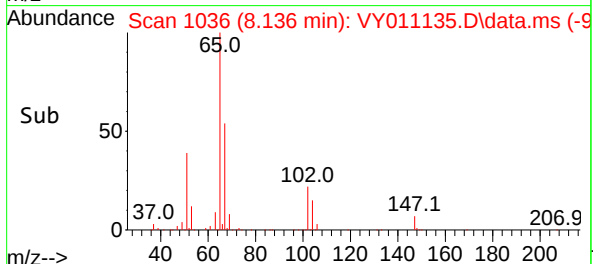
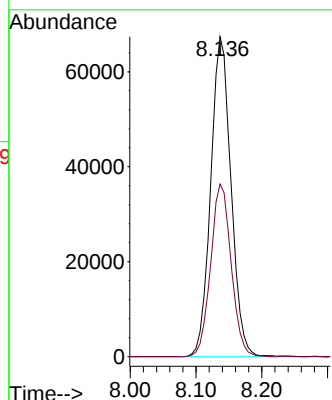
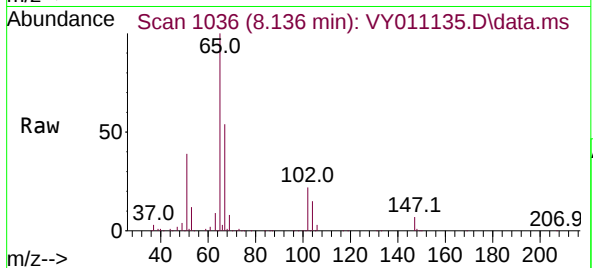
SB-7

Tgt Ion: 65 Resp: 144565

Ion Ratio Lower Upper

65 100

67 54.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011135.D

Acq: 27 Oct 2022 13:49

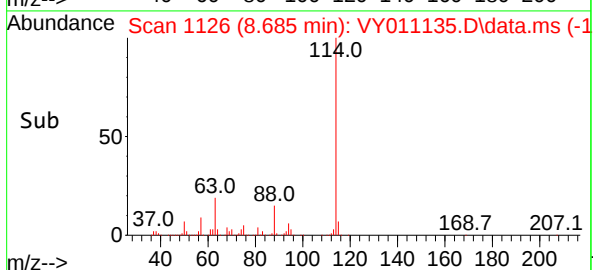
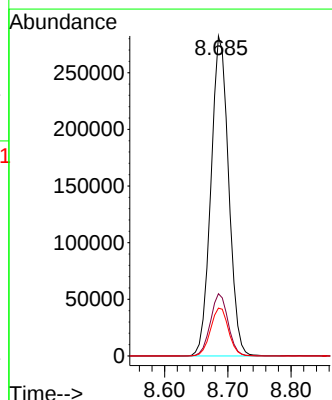
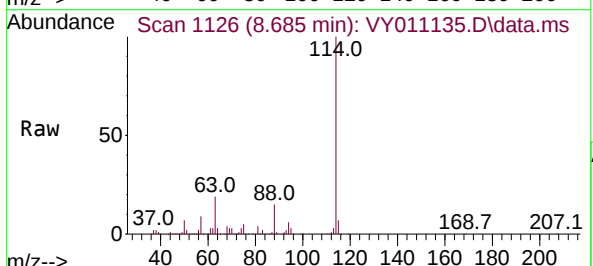
Tgt Ion: 114 Resp: 548438

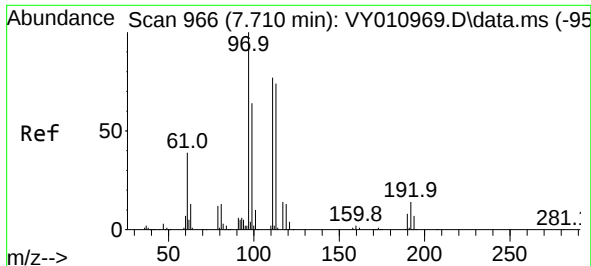
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.0 0.0 31.8

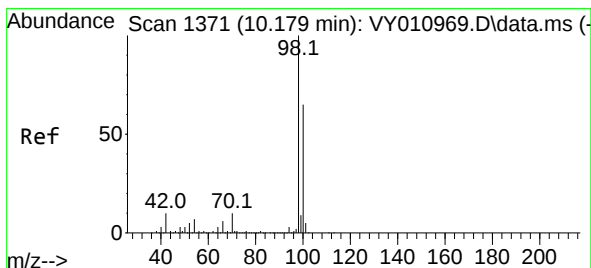
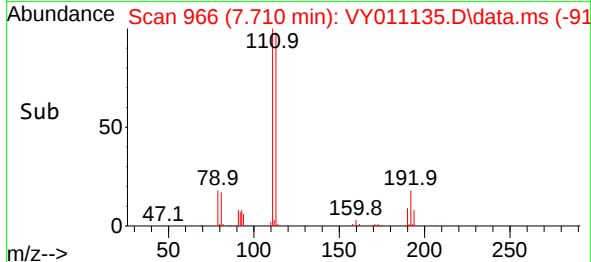
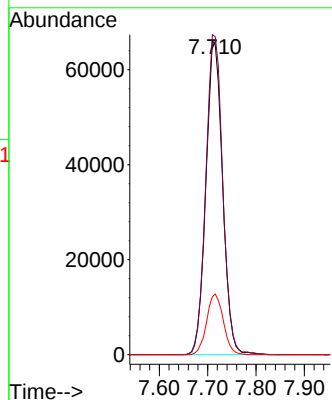
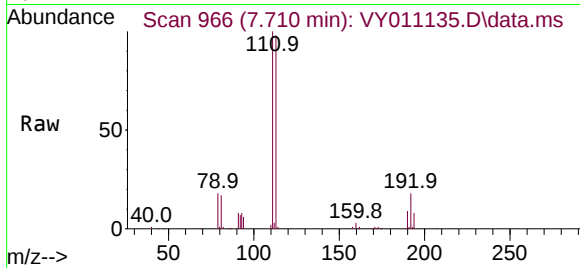




#35
Dibromofluoromethane
Concen: 51.931 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

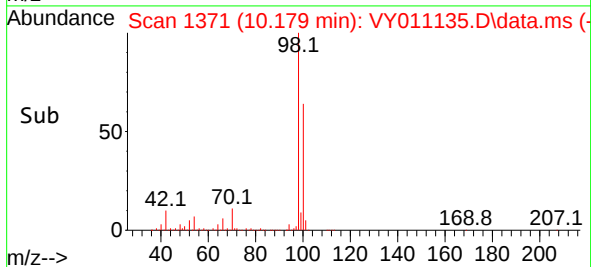
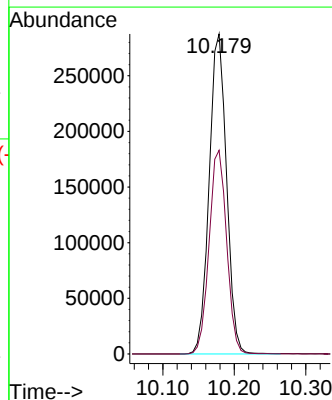
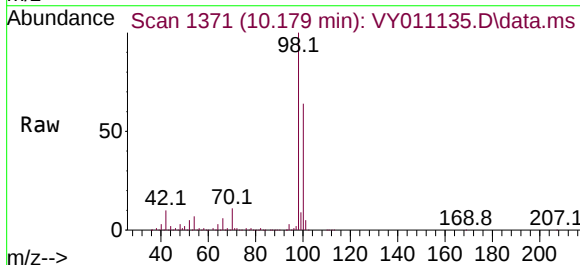
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

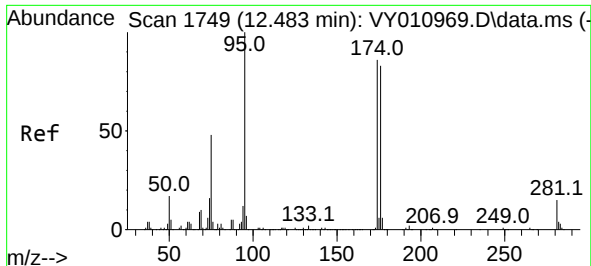
Tgt Ion:113 Resp: 158505
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 42.304 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011135.D
Acq: 27 Oct 2022 13:49

Tgt Ion: 98 Resp: 484434
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 41.368 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011135.D

Acq: 27 Oct 2022 13:49

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

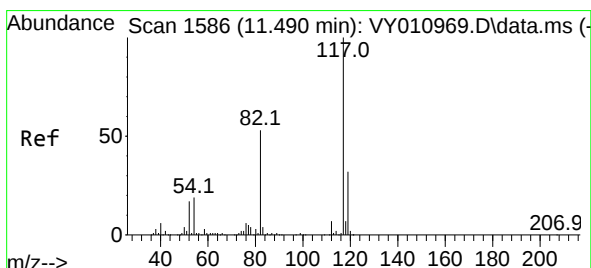
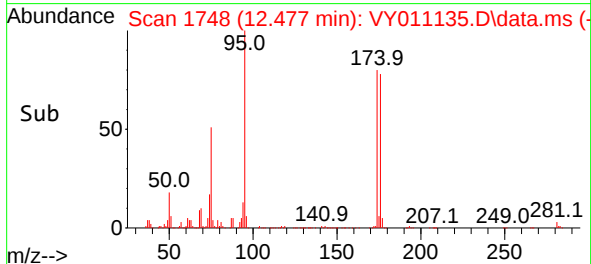
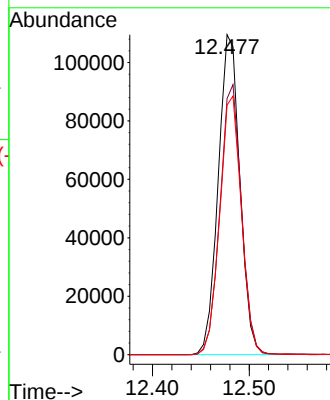
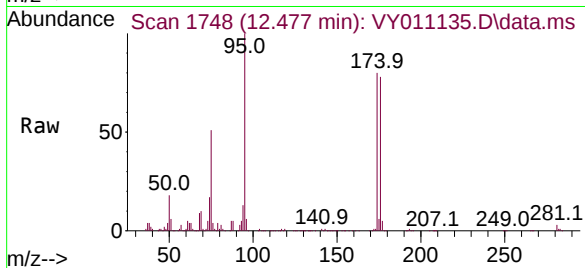
Tgt Ion: 95 Resp: 169957

Ion Ratio Lower Upper

95 100

174 84.1 0.0 177.0

176 81.1 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY011135.D

Acq: 27 Oct 2022 13:49

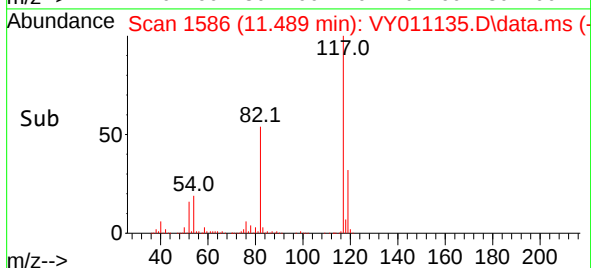
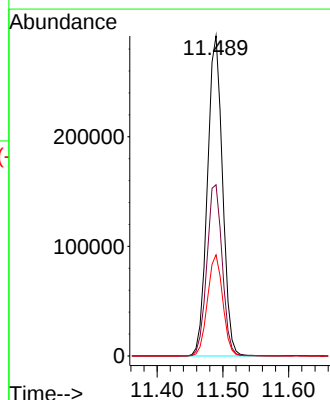
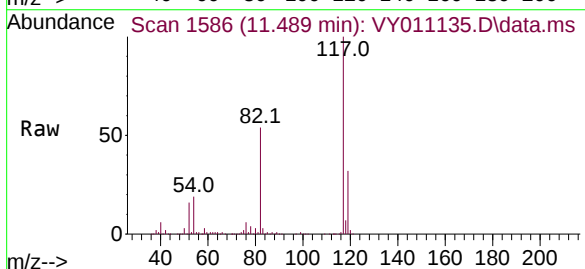
Tgt Ion: 117 Resp: 466463

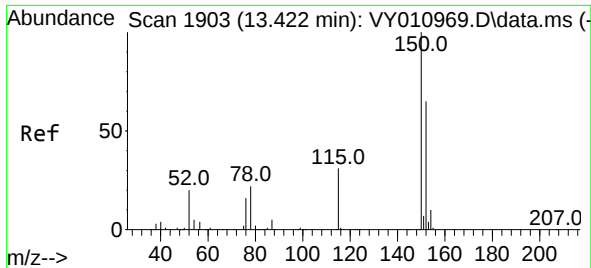
Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

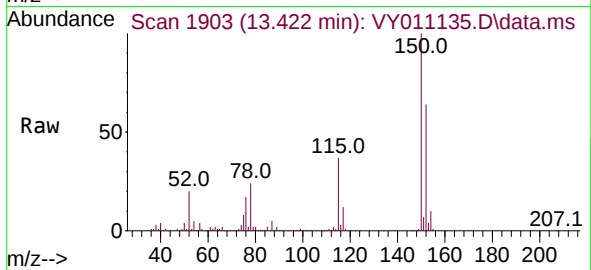
119 31.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY011135.D
 Acq: 27 Oct 2022 13:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7



Tgt Ion:152 Resp: 188062
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.2 84.7
 150 157.5 0.0 347.6

