

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009706.D
 Acq On : 26 Jul 2022 17:33
 Operator : KP/MD
 Sample : N3858-01
 Misc : 4.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-A

Quant Time: Jul 27 04:27:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

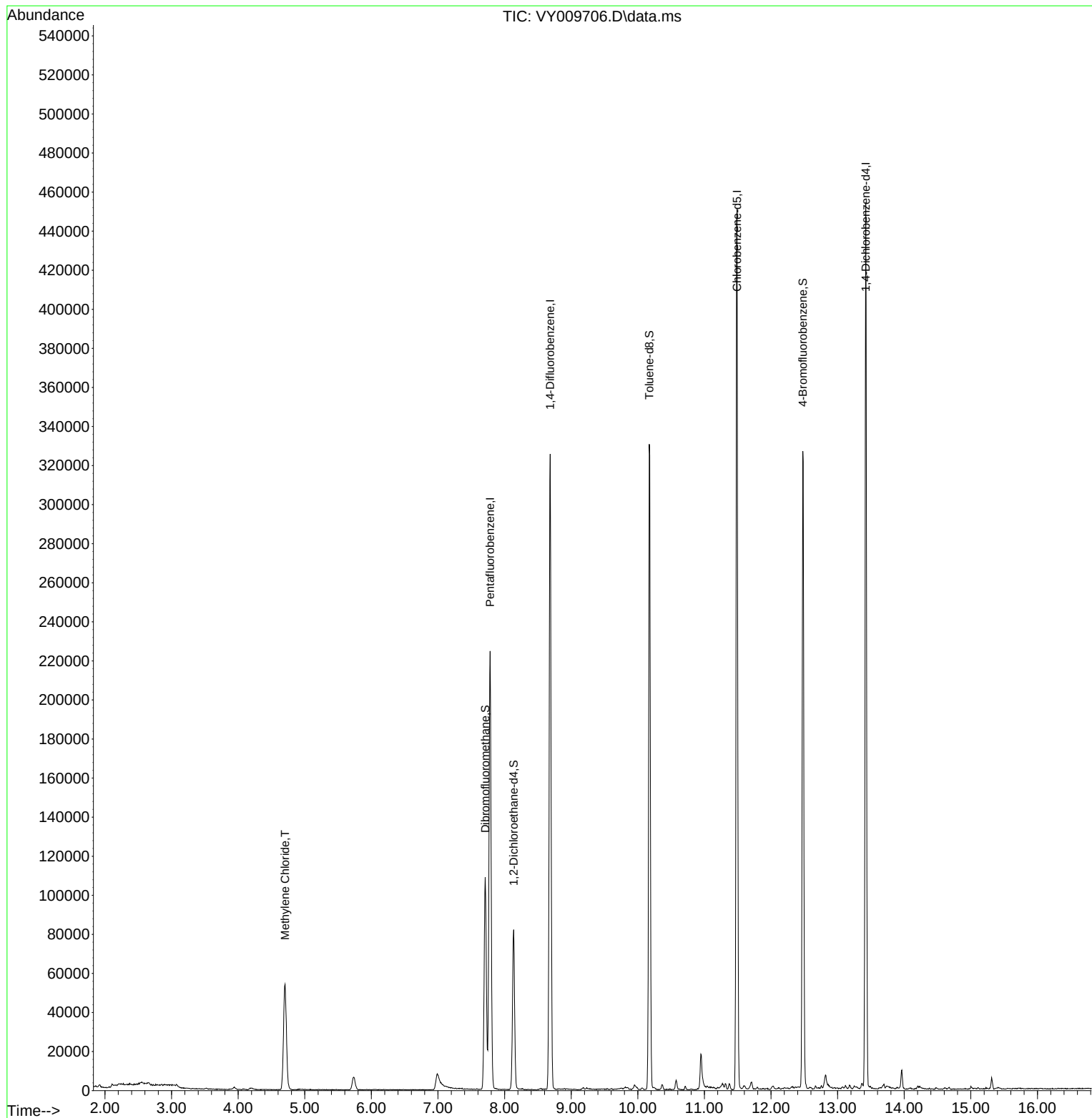
Internal Standards						
1) Pentafluorobenzene	7.783	168	182795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	286822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60376	49.581	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.160%
35) Dibromofluoromethane	7.710	113	76102	48.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.560%
50) Toluene-d8	10.173	98	221634	48.672	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.477	95	96070	46.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	92.900%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	42495	13.110	ug/l #	83

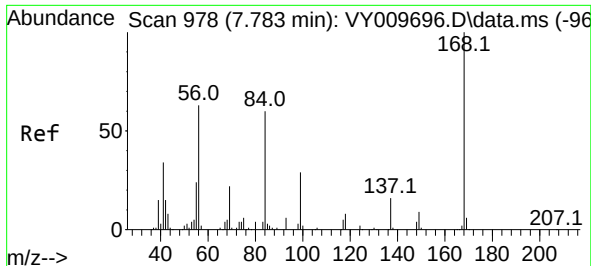
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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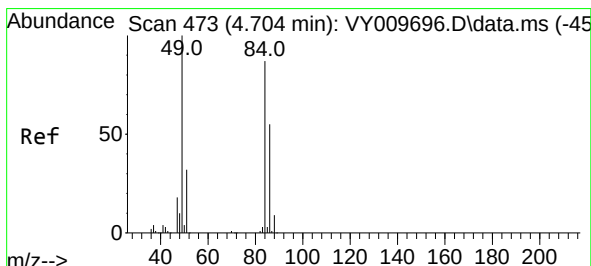
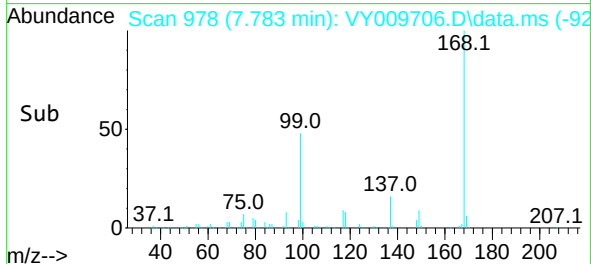
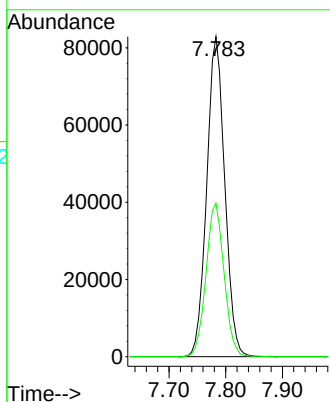
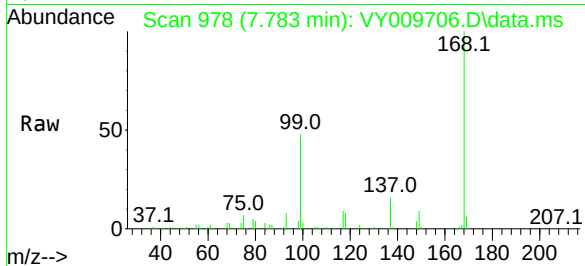




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

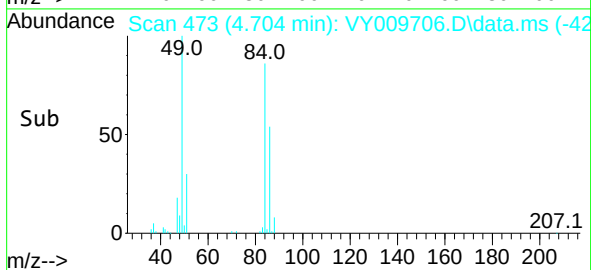
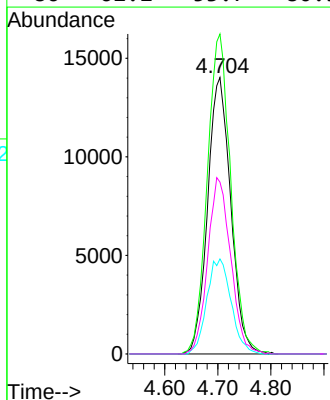
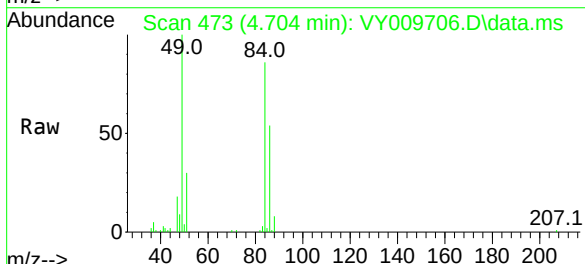
Instrument :
MSVOA_Y
ClientSampleId :
SB-A

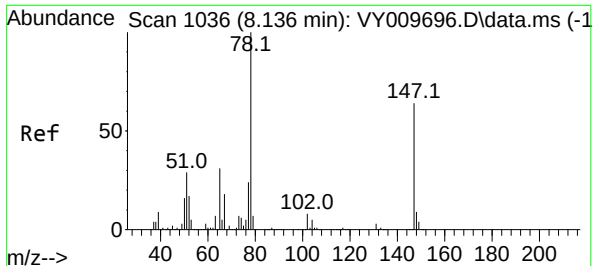
Tgt Ion:168 Resp: 182795
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#20
Methylene Chloride
Concen: 13.110 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

Tgt Ion: 84 Resp: 42495
Ion Ratio Lower Upper
84 100
49 115.7 114.4 171.6
51 34.4 35.3 52.9#
86 62.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 49.581 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009706.D

Acq: 26 Jul 2022 17:33

Instrument :

MSVOA_Y

ClientSampleId :

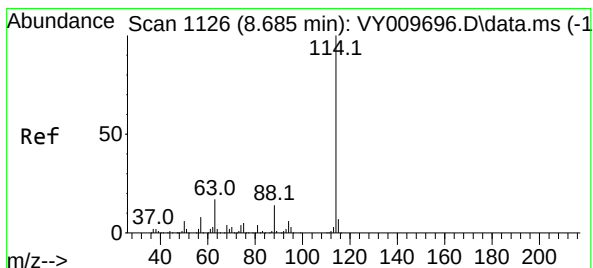
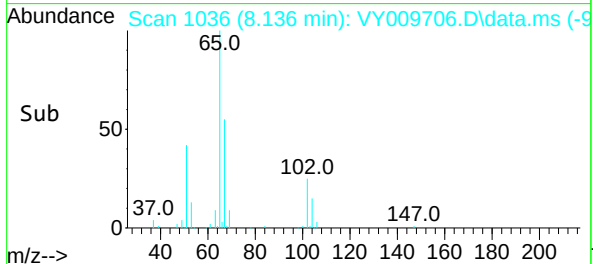
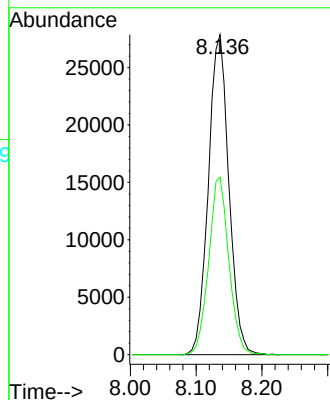
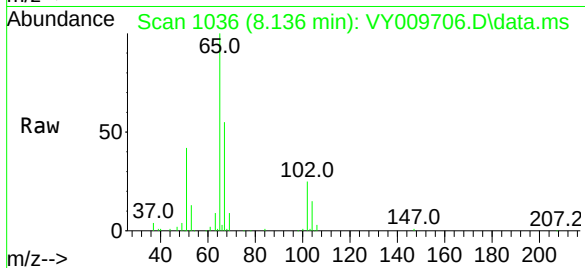
SB-A

Tgt Ion: 65 Resp: 60376

Ion Ratio Lower Upper

65 100

67 54.6 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: VY009706.D

Acq: 26 Jul 2022 17:33

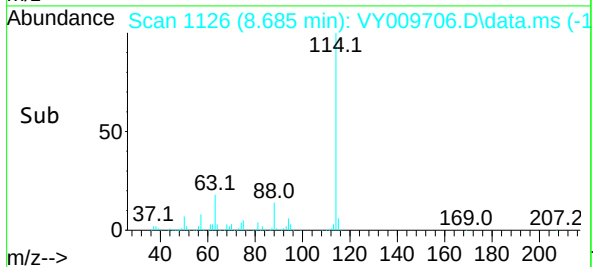
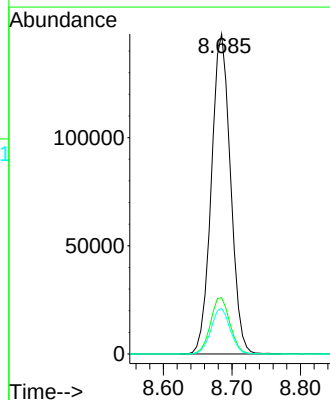
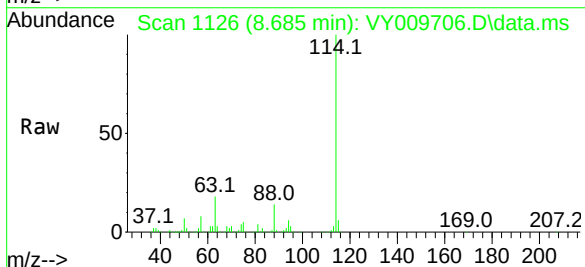
Tgt Ion: 114 Resp: 286822

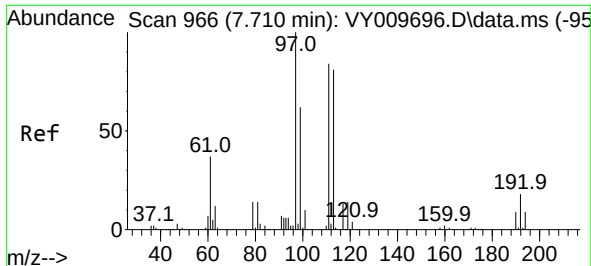
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.2 0.0 31.8

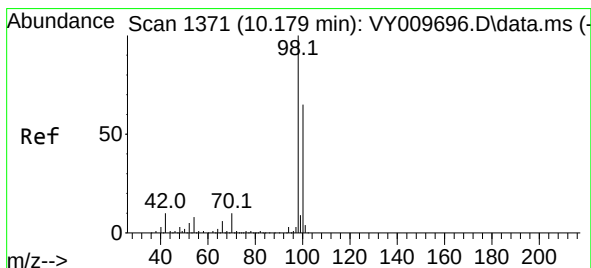
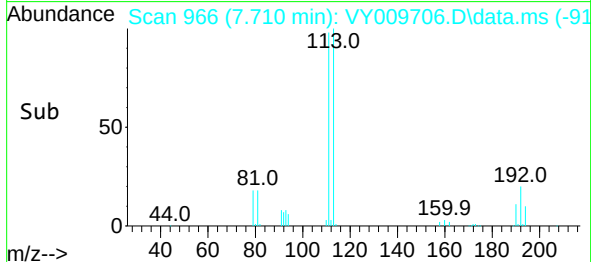
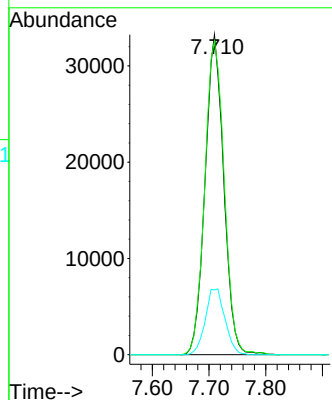
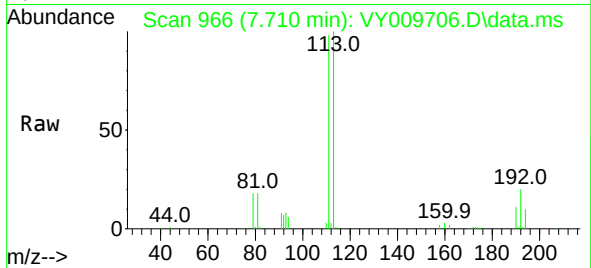




#35
Dibromofluoromethane
Concen: 48.785 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

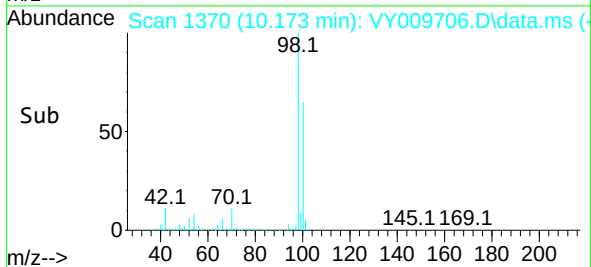
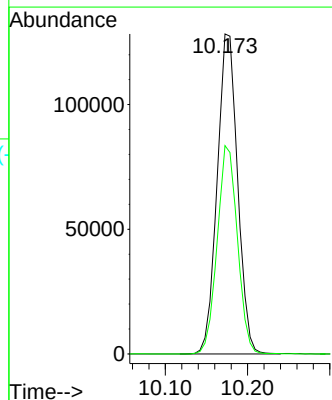
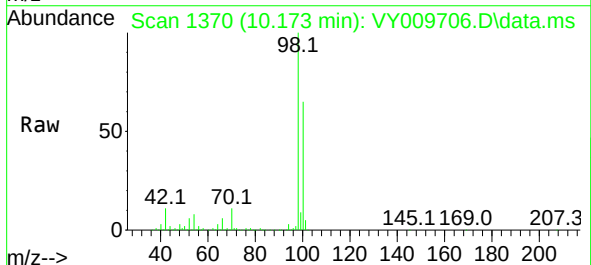
Instrument :
MSVOA_Y
ClientSampleId :
SB-A

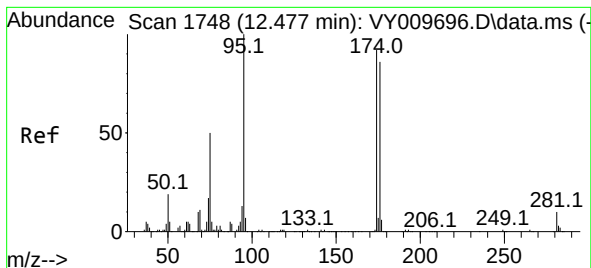
Tgt Ion:113 Resp: 76102
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 21.6 17.6 26.4



#50
Toluene-d8
Concen: 48.672 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

Tgt Ion: 98 Resp: 221634
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

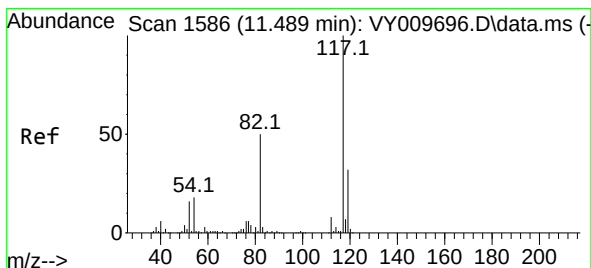
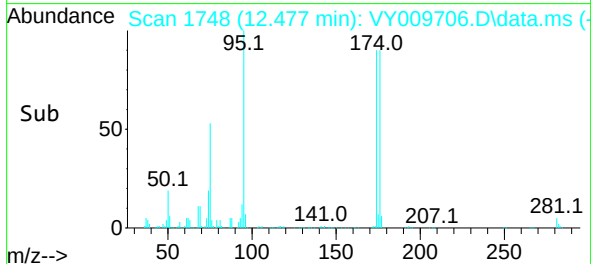
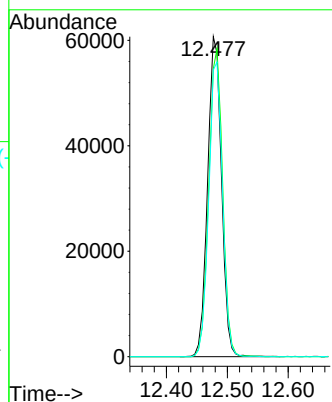
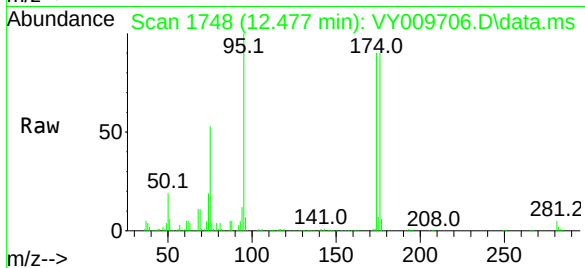




#62
4-Bromofluorobenzene
Concen: 46.445 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

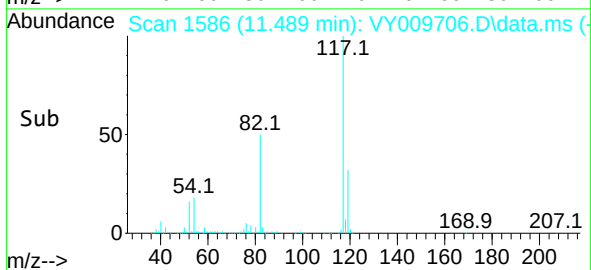
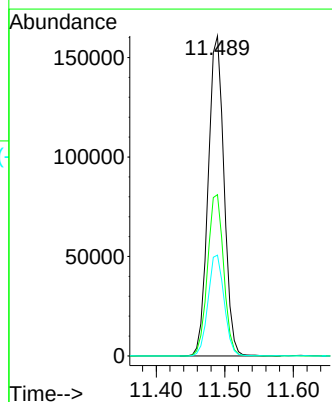
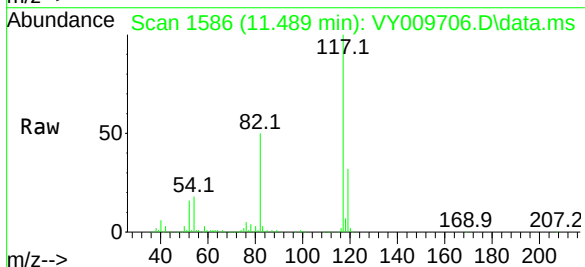
Instrument :
MSVOA_Y
ClientSampleId :
SB-A

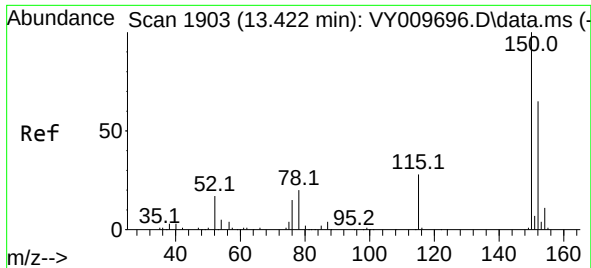
Tgt Ion: 95 Resp: 96070
Ion Ratio Lower Upper
95 100
174 96.0 0.0 177.0
176 91.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009706.D
Acq: 26 Jul 2022 17:33

Tgt Ion: 117 Resp: 259190
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 31.5 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: VY009706.D

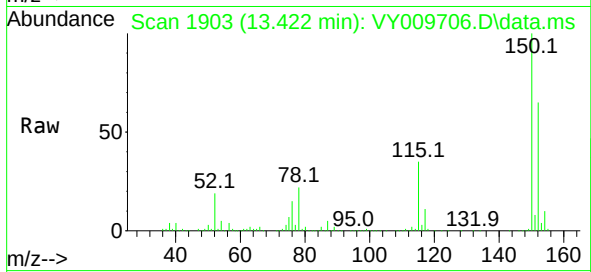
Acq: 26 Jul 2022 17:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-A



Tgt Ion:152 Resp: 119270

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 157.4 0.0 347.6

