

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014599.D
 Acq On : 07 Jul 2023 12:00
 Operator : KP/MD
 Sample : 03548-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jul 08 03:46:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

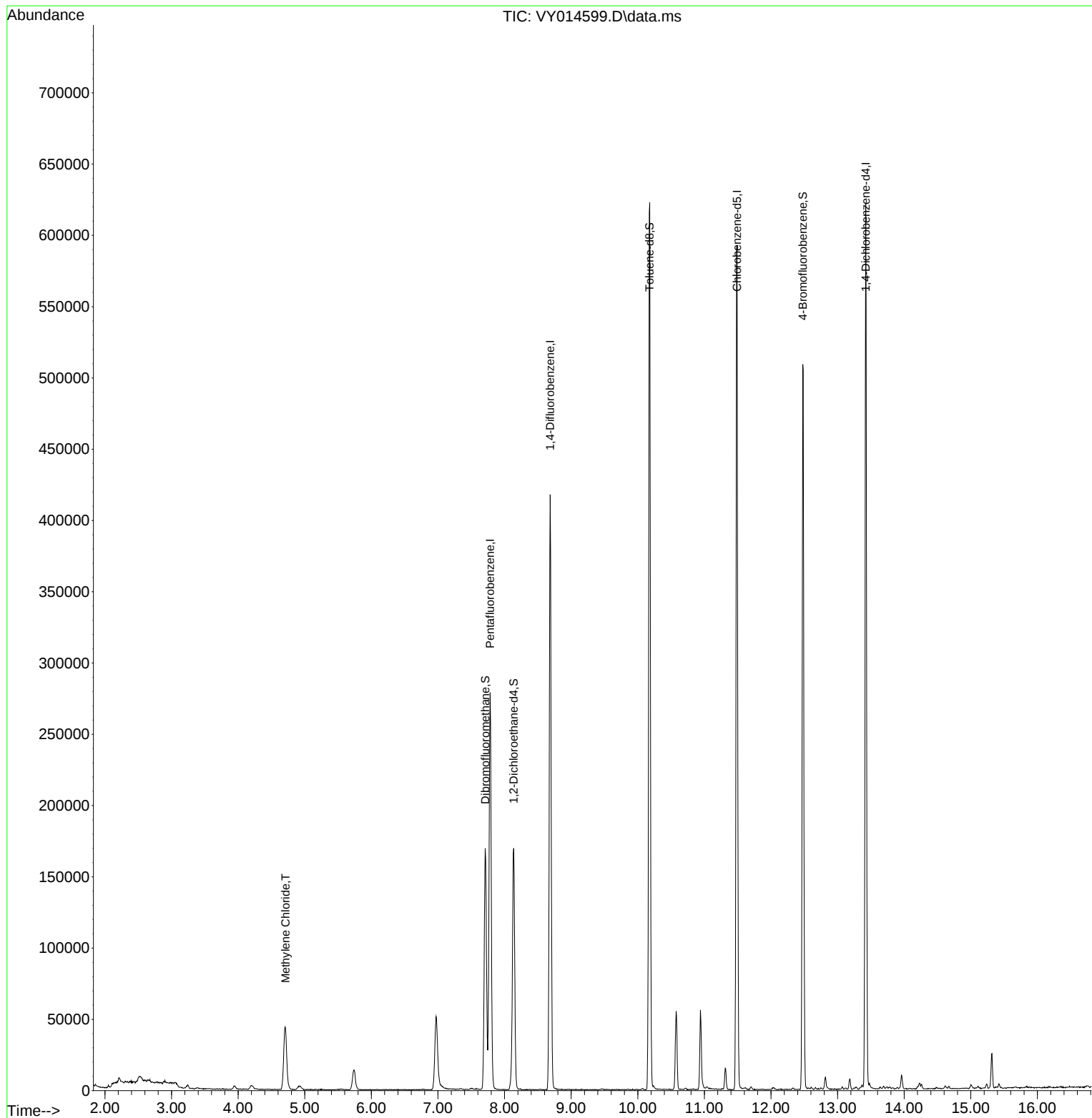
Internal Standards						
1) Pentafluorobenzene	7.783	168	233994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	353424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	133041	57.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.300%
35) Dibromofluoromethane	7.710	113	121790	53.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.140%
50) Toluene-d8	10.179	98	439922	48.947	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.477	95	143477	45.973	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.940%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	35994	9.522	ug/l	86

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

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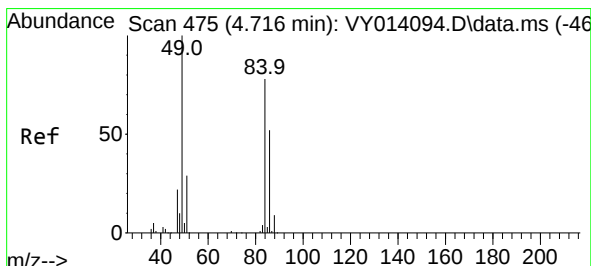
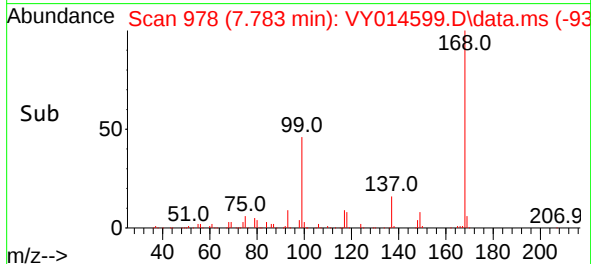
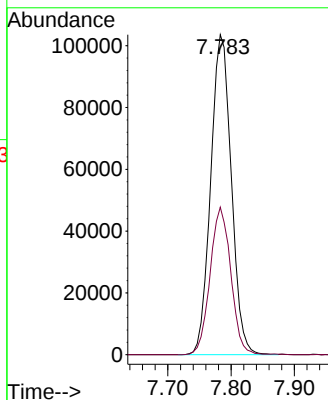
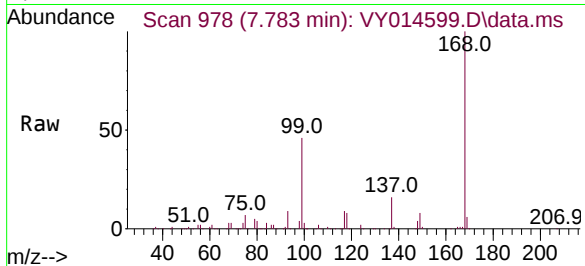




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

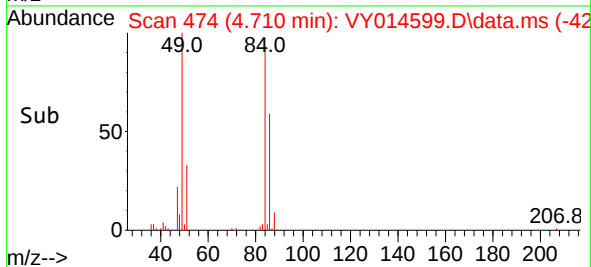
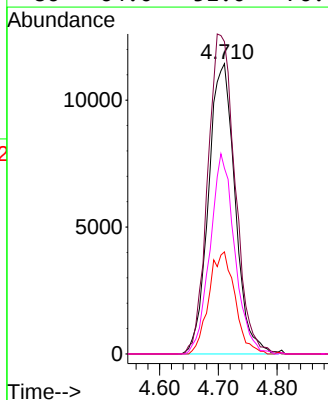
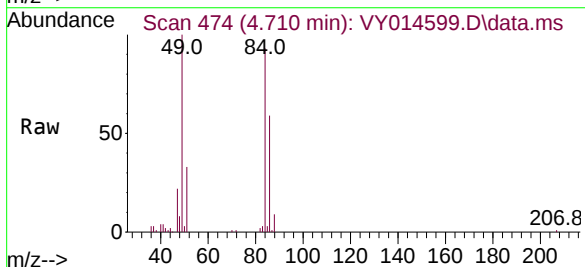
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:168 Resp: 233994
Ion Ratio Lower Upper
168 100
99 46.1 43.4 65.0



#20
Methylene Chloride
Concen: 9.522 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

Tgt Ion: 84 Resp: 35994
Ion Ratio Lower Upper
84 100
49 107.6 106.9 160.3
51 35.2 33.2 49.8
86 64.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 57.155 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.005 min

Lab File: VY014599.D

Acq: 07 Jul 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

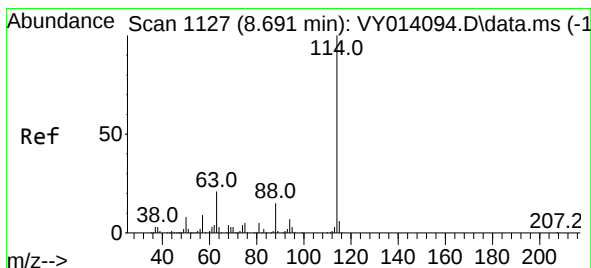
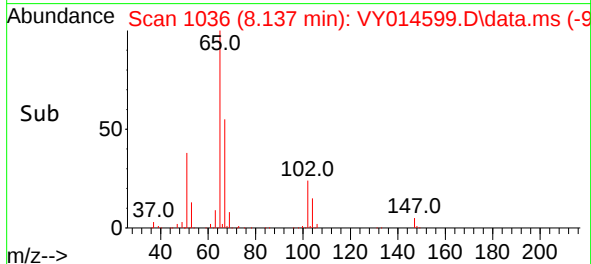
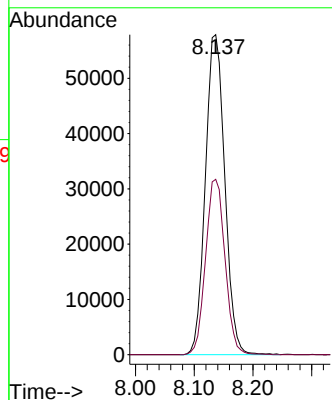
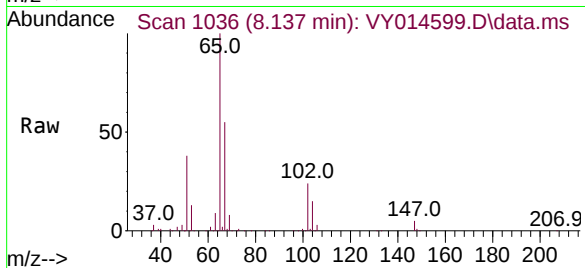
WC-1

Tgt Ion: 65 Resp: 133041

Ion Ratio Lower Upper

65 100

67 54.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014599.D

Acq: 07 Jul 2023 12:00

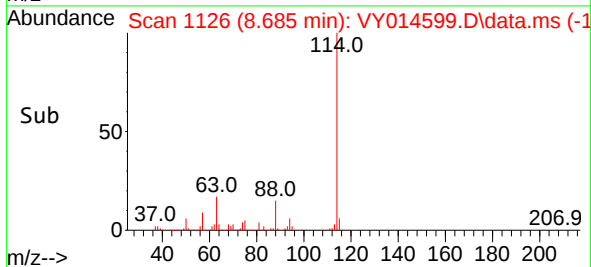
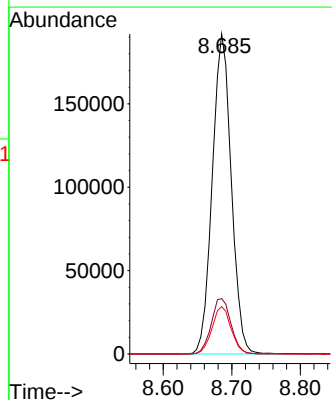
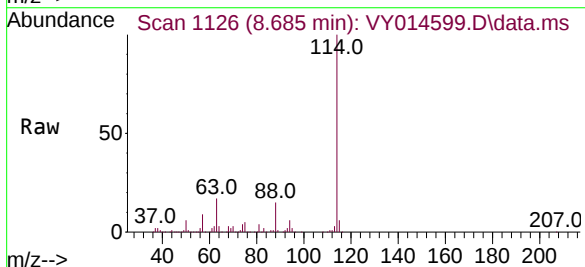
Tgt Ion: 114 Resp: 369205

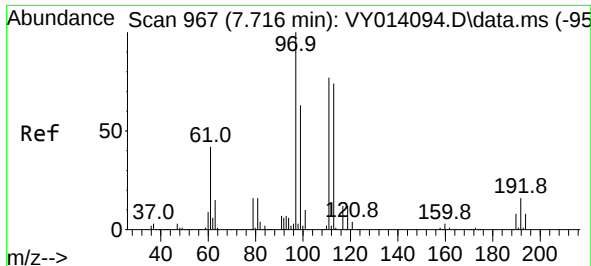
Ion Ratio Lower Upper

114 100

63 17.3 0.0 42.4

88 14.8 0.0 30.6

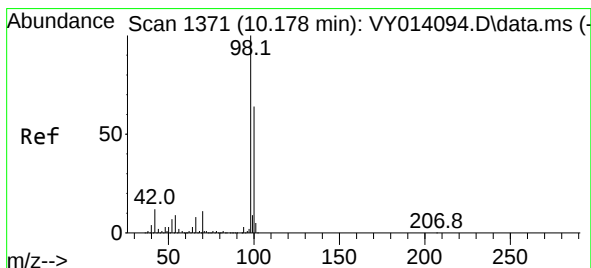
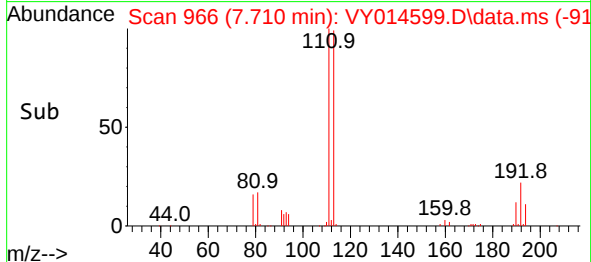
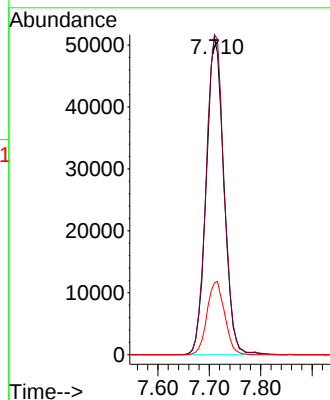
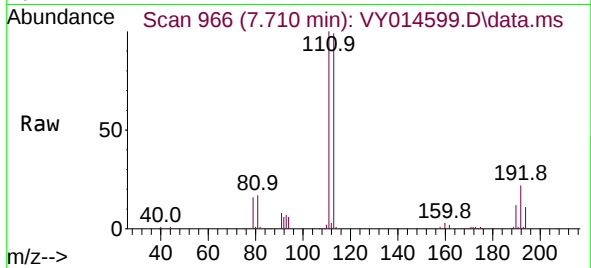




#35
Dibromofluoromethane
Concen: 53.567 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

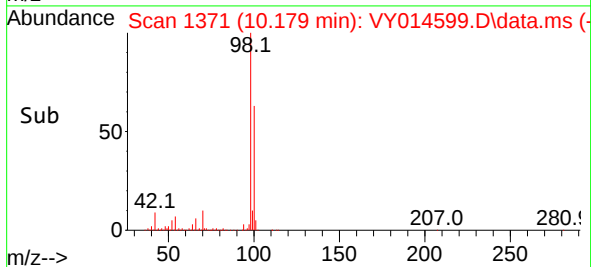
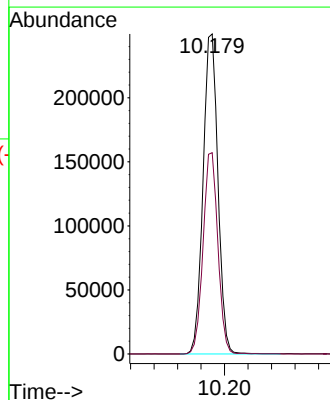
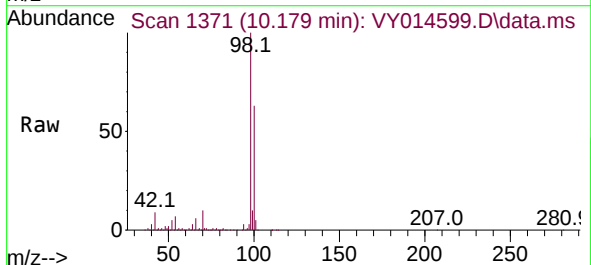
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

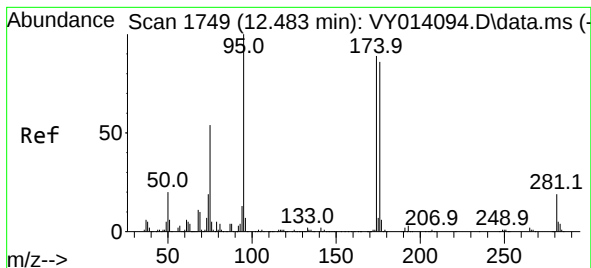
Tgt Ion:113 Resp: 121790
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 23.1 16.9 25.3



#50
Toluene-d8
Concen: 48.947 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

Tgt Ion: 98 Resp: 439922
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1

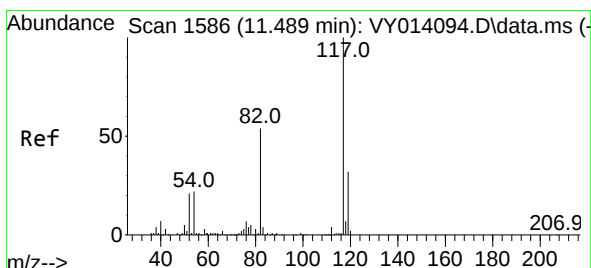
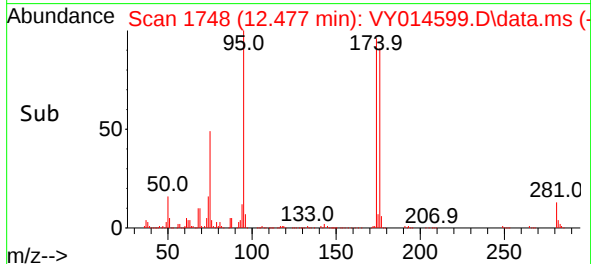
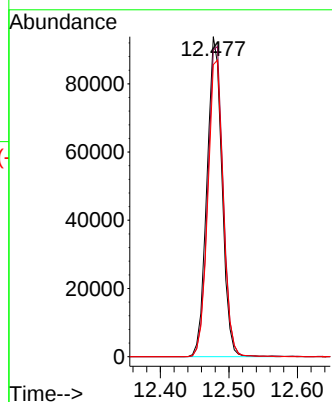
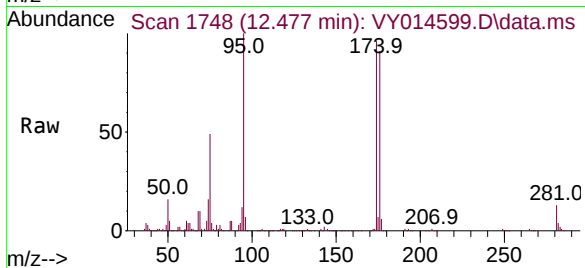




#62
4-Bromofluorobenzene
Concen: 45.973 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

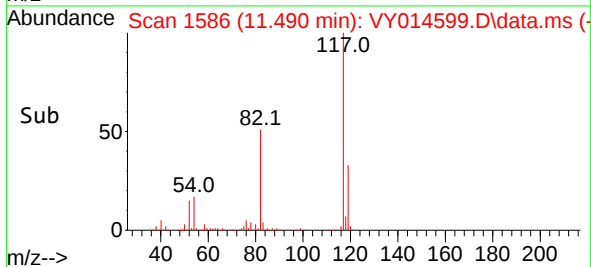
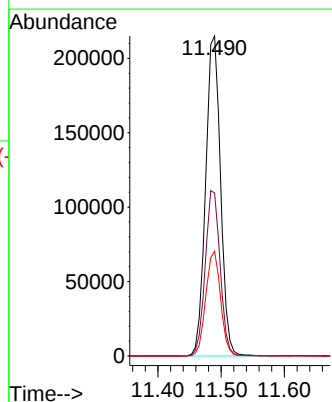
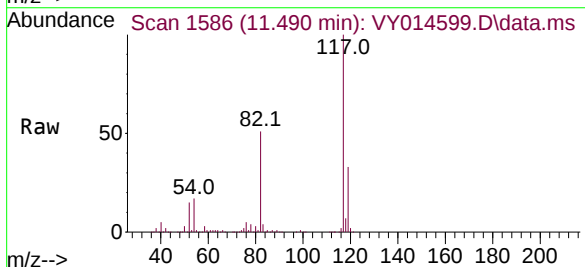
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

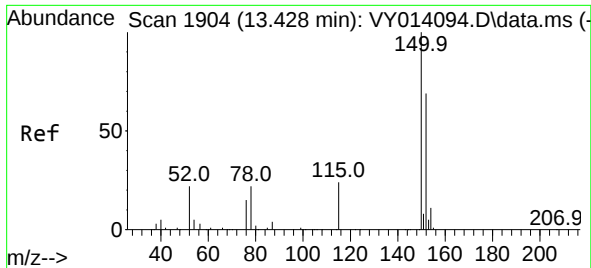
Tgt Ion: 95 Resp: 143477
Ion Ratio Lower Upper
95 100
174 99.4 0.0 178.2
176 94.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

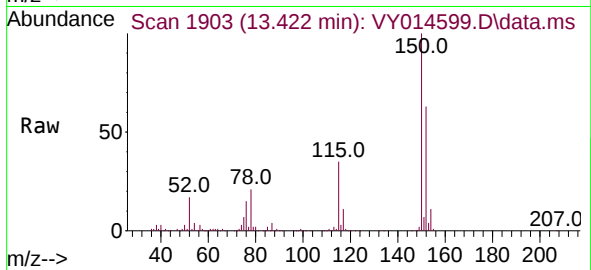
Tgt Ion: 117 Resp: 353424
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 32.7 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014599.D
Acq: 07 Jul 2023 12:00

Instrument :
MSVOA_Y
ClientSampleId :
WC-1



Tgt Ion:152 Resp: 169868
Ion Ratio Lower Upper
152 100
115 54.1 28.8 86.5
150 155.9 0.0 348.8

