

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010291.D
 Acq On : 02 Sep 2022 20:01
 Operator : KP/MD
 Sample : N4469-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-083122

Quant Time: Sep 02 22:54:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

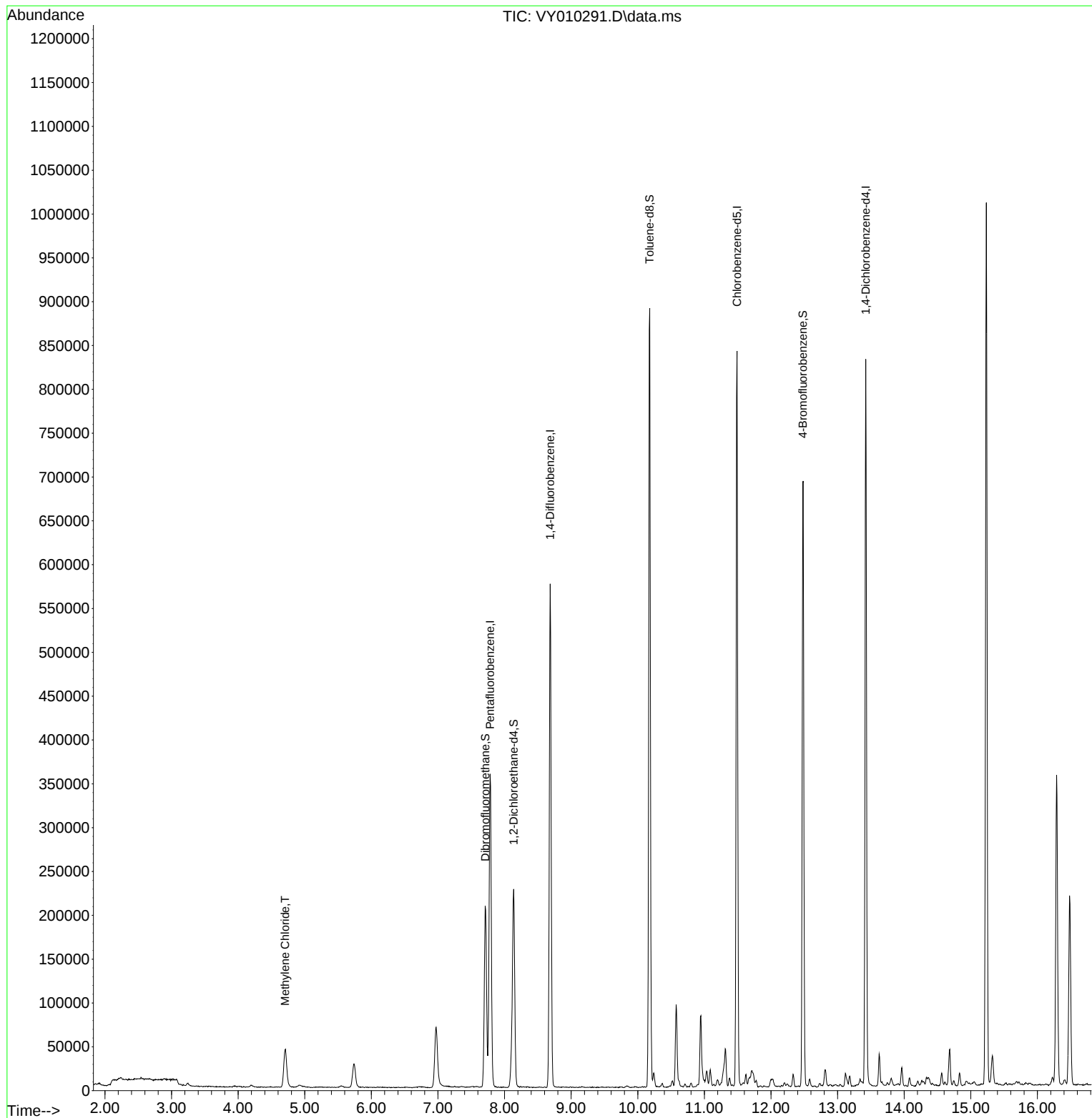
Internal Standards						
1) Pentafluorobenzene	7.783	168	287952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	488605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	456379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	212716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	164292	55.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.280%
35) Dibromofluoromethane	7.710	113	148131	45.540	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.080%
50) Toluene-d8	10.179	98	584182	53.643	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.280%
62) 4-Bromofluorobenzene	12.477	95	208724	47.548	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.100%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	33330	9.357	ug/l	82

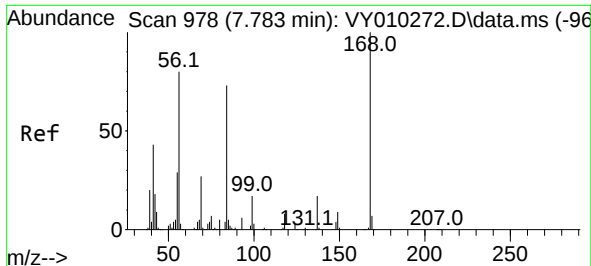
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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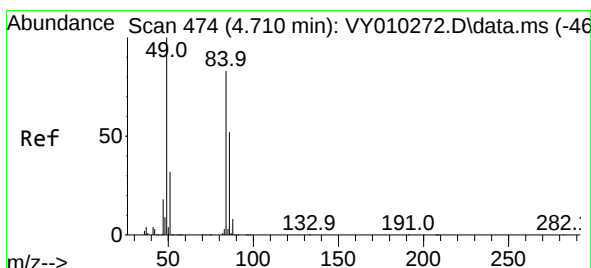
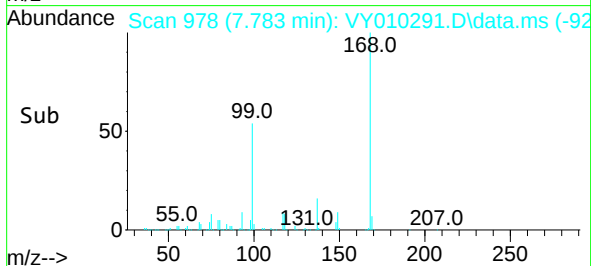
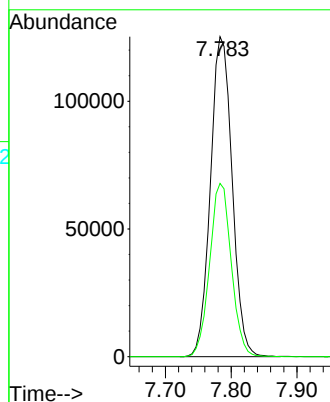
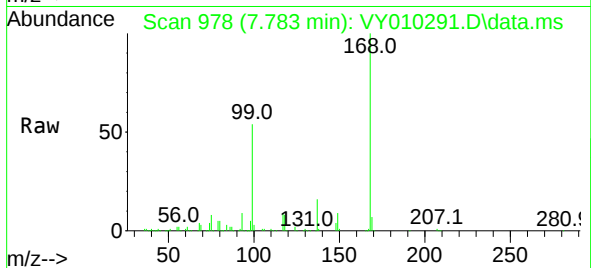




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010291.D
Acq: 02 Sep 2022 20:01

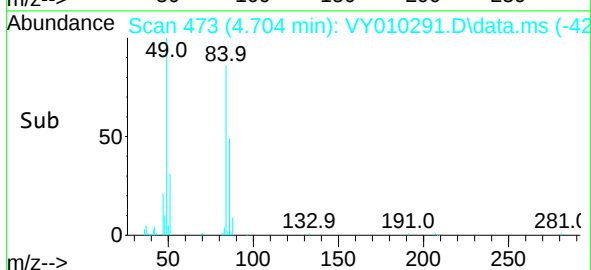
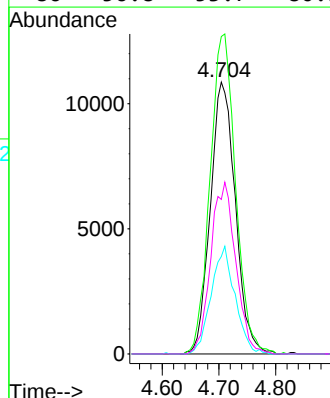
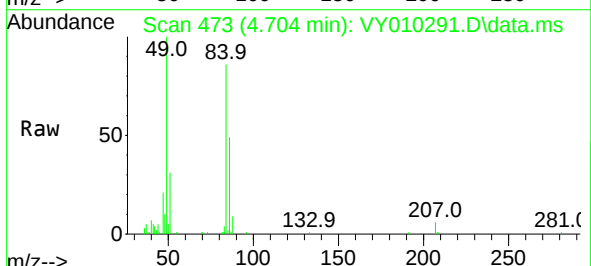
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-083122

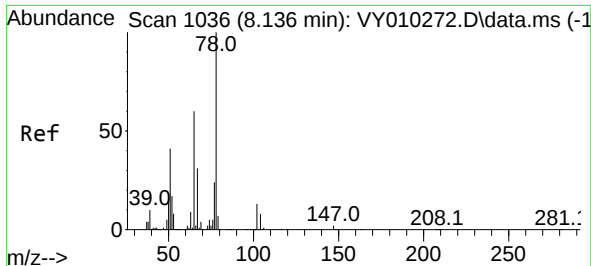
Tgt Ion:168 Resp: 287952
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#20
Methylene Chloride
Concen: 9.357 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010291.D
Acq: 02 Sep 2022 20:01

Tgt Ion: 84 Resp: 33330
Ion Ratio Lower Upper
84 100
49 116.8 114.4 171.6
51 35.9 35.3 52.9
86 56.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 55.643 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY010291.D

Acq: 02 Sep 2022 20:01

Instrument :

MSVOA_Y

ClientSampleId :

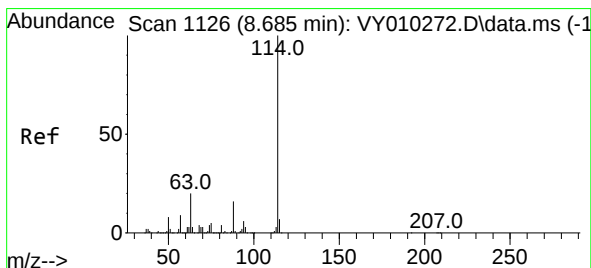
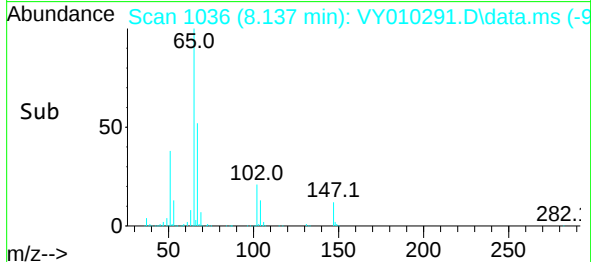
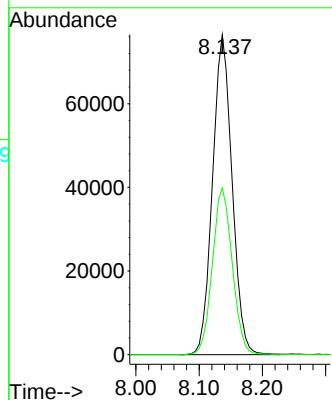
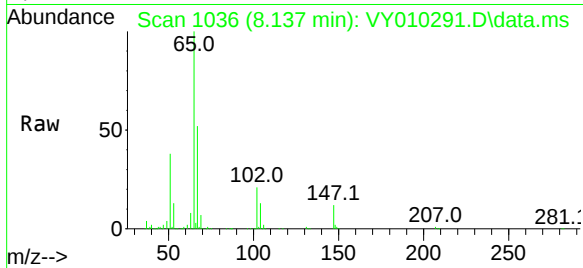
TR-06-083122

Tgt Ion: 65 Resp: 164292

Ion Ratio Lower Upper

65 100

67 52.9 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: VY010291.D

Acq: 02 Sep 2022 20:01

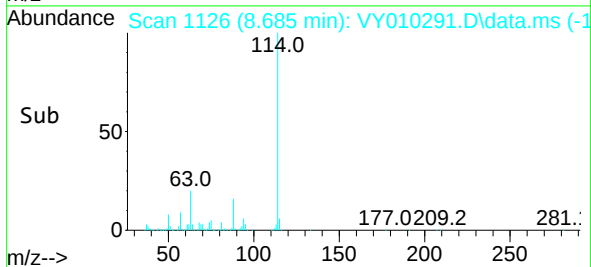
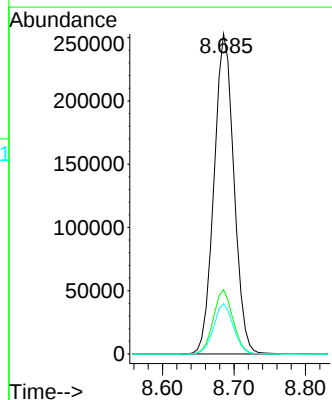
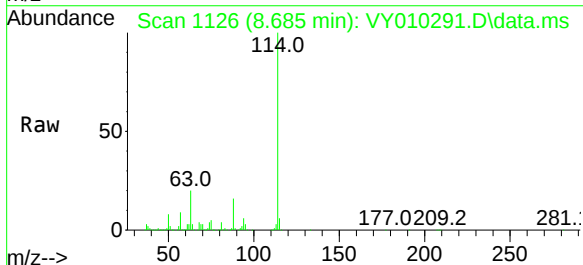
Tgt Ion: 114 Resp: 488605

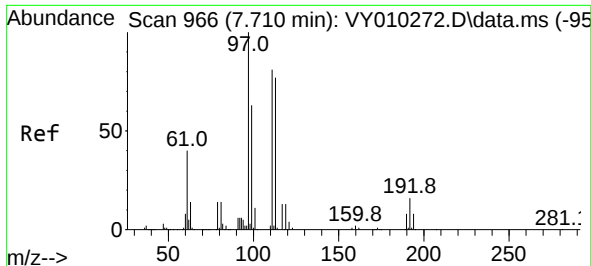
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.7 0.0 31.8

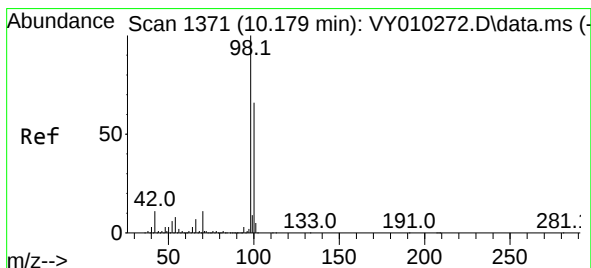
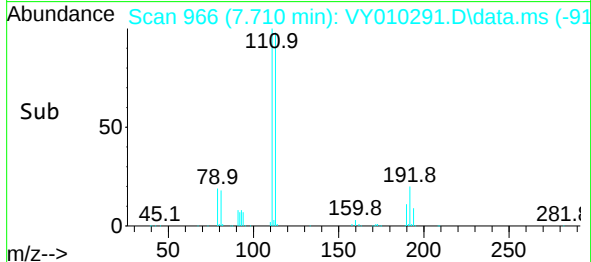
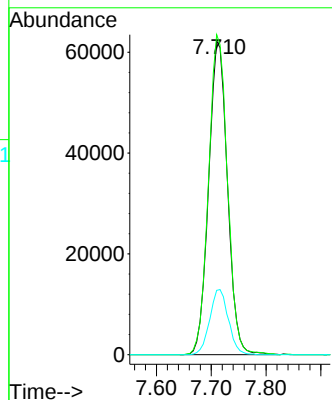
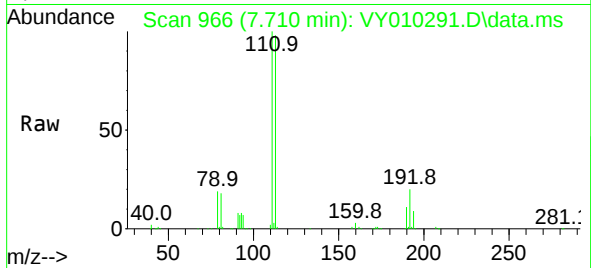




#35
Dibromofluoromethane
Concen: 45.540 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010291.D
Acq: 02 Sep 2022 20:01

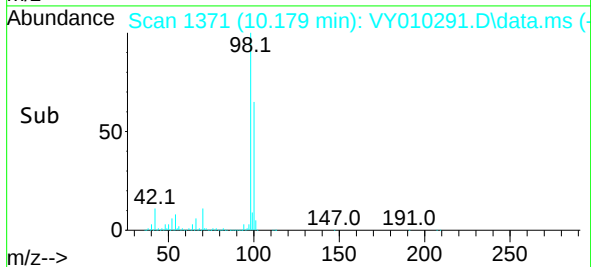
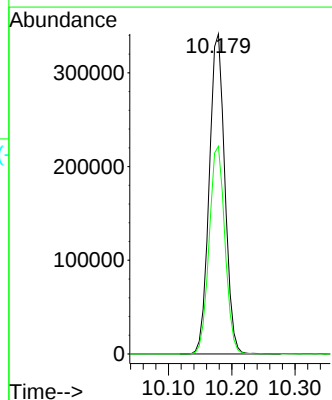
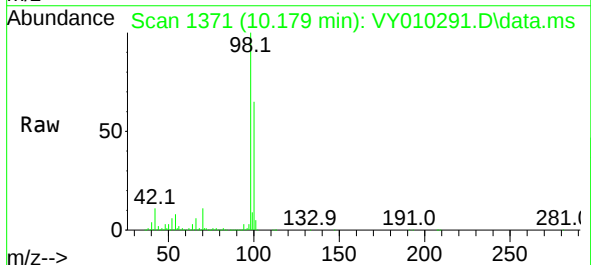
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-083122

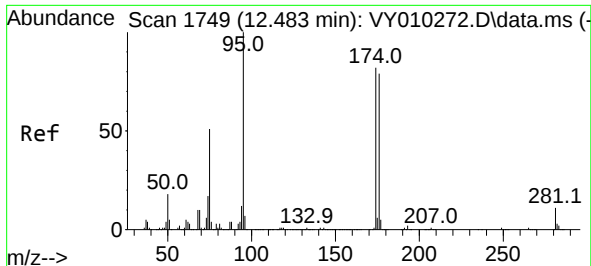
Tgt Ion:113 Resp: 148131
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.6 17.6 26.4



#50
Toluene-d8
Concen: 53.643 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010291.D
Acq: 02 Sep 2022 20:01

Tgt Ion: 98 Resp: 584182
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

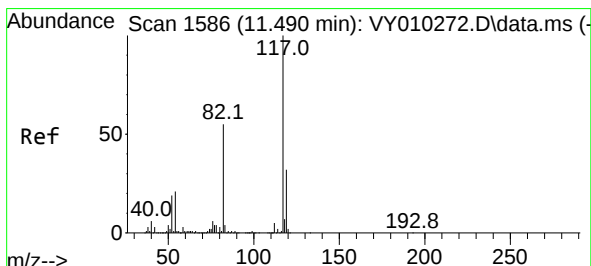
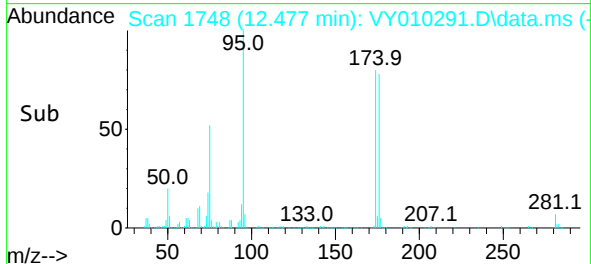
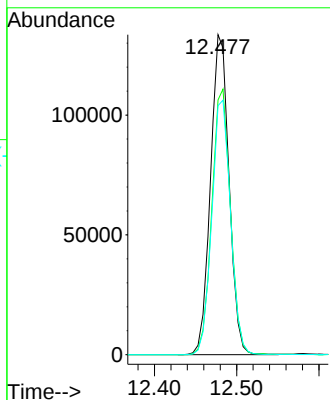
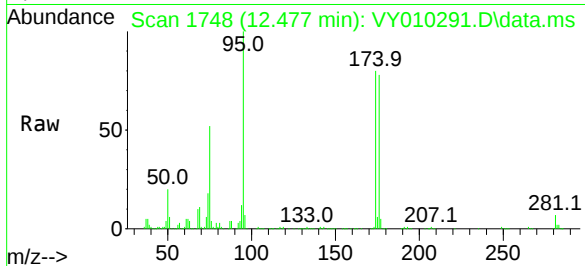




#62
4-Bromofluorobenzene
Concen: 47.548 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010291.D
Acq: 02 Sep 2022 20:01

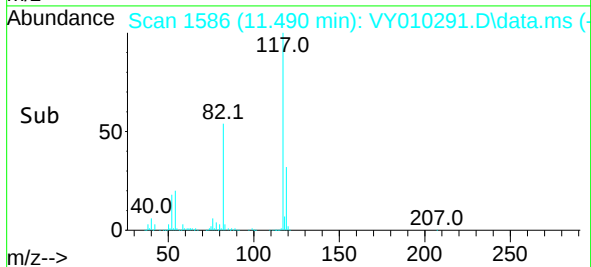
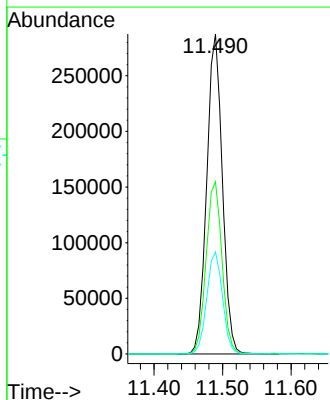
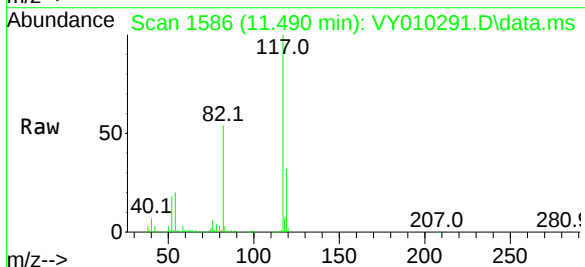
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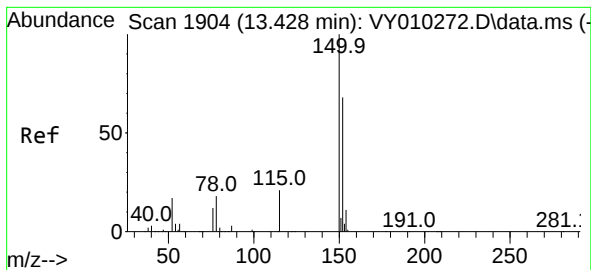
Tgt Ion: 95 Resp: 208724
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 80.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010291.D
Acq: 02 Sep 2022 20:01

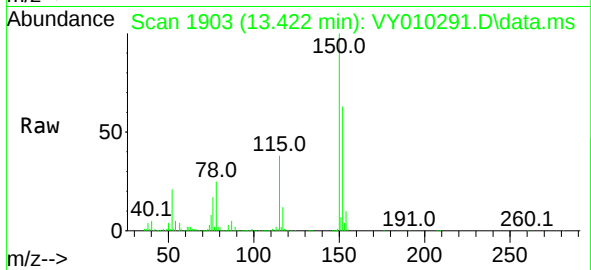
Tgt Ion: 117 Resp: 456379
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY010291.D
 Acq: 02 Sep 2022 20:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-083122



Tgt Ion:152 Resp: 212716

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.7
150	158.4	0.0	347.6

