

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010283.D
 Acq On : 02 Sep 2022 16:54
 Operator : KP/MD
 Sample : N4433-05
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4

Quant Time: Sep 02 17:29:11 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)

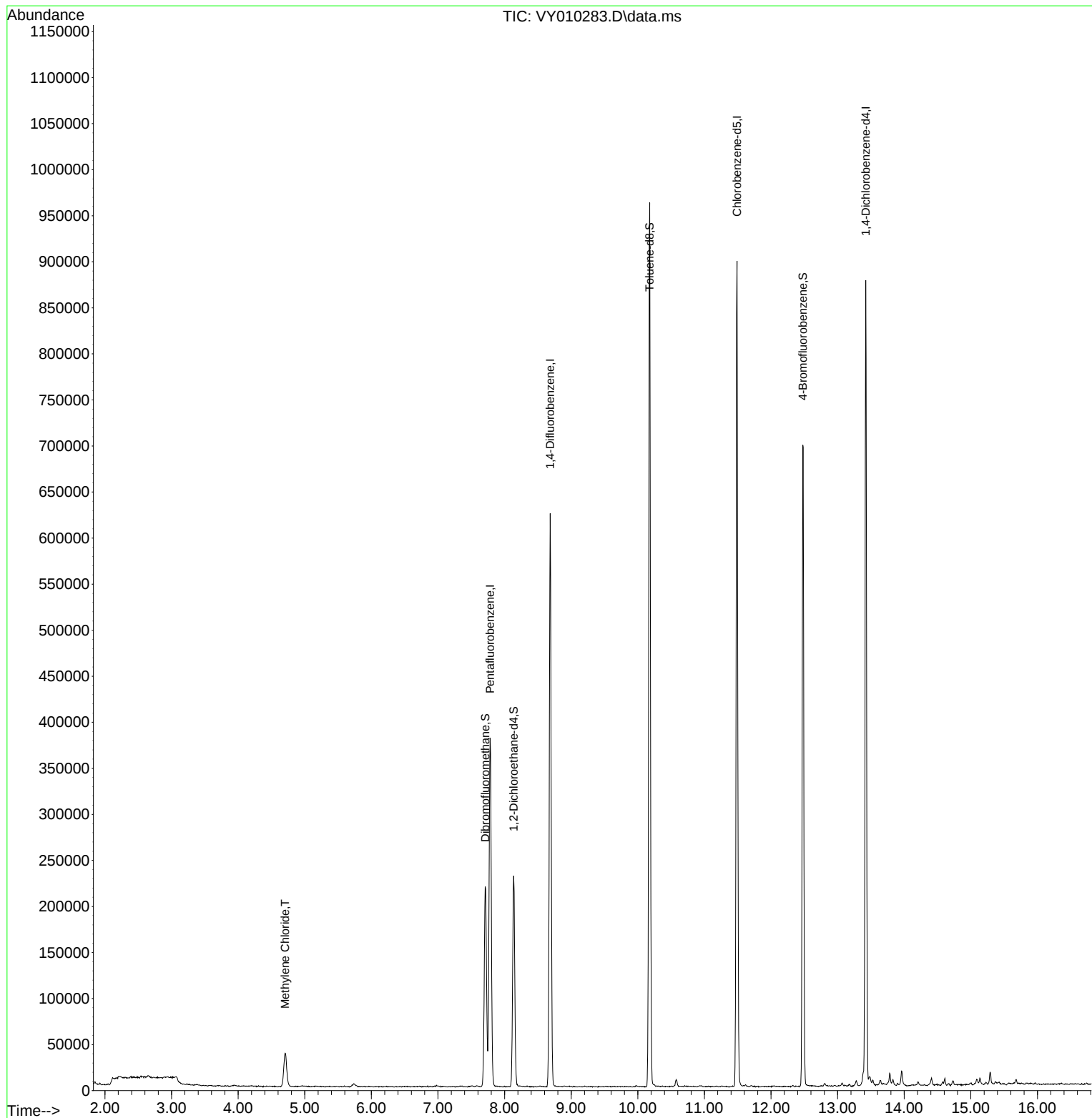
Internal Standards						
1) Pentafluorobenzene	7.783	168	305403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	527083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	491943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	222890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	177810	56.780	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.560%
35) Dibromofluoromethane	7.709	113	158136	45.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.140%
50) Toluene-d8	10.178	98	631346	53.742	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.480%
62) 4-Bromofluorobenzene	12.477	95	224692	47.434	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.860%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	27766	7.350	ug/l	# 82

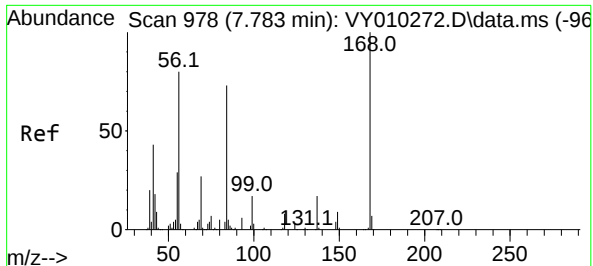
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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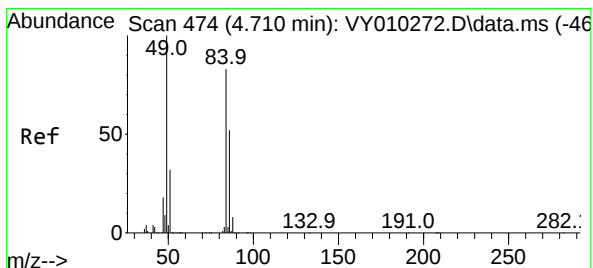
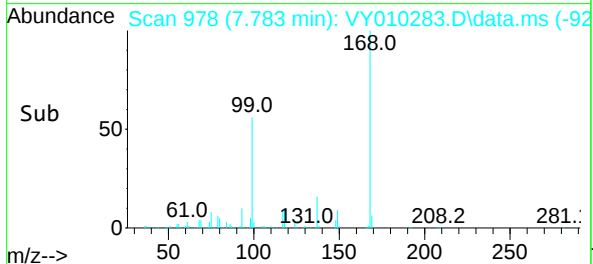
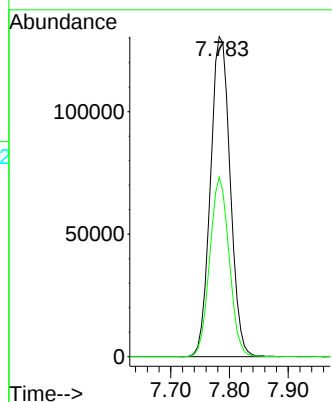
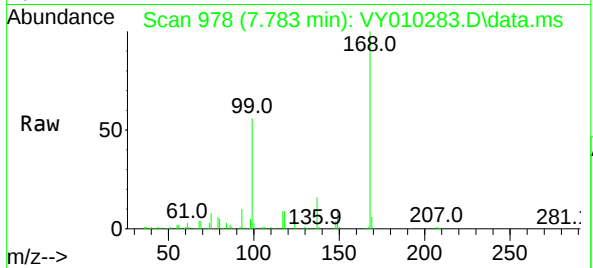




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010283.D
Acq: 02 Sep 2022 16:54

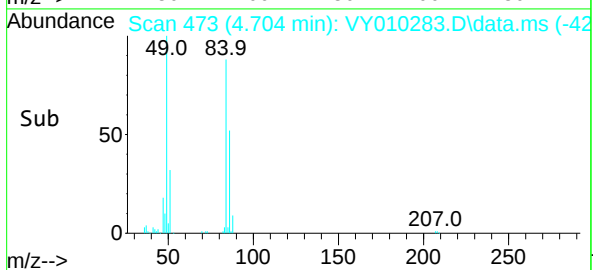
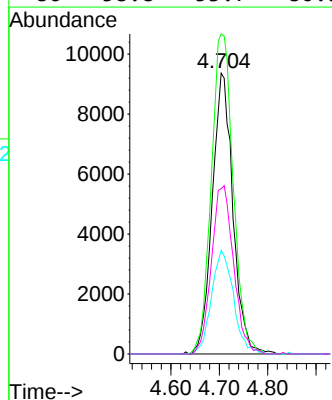
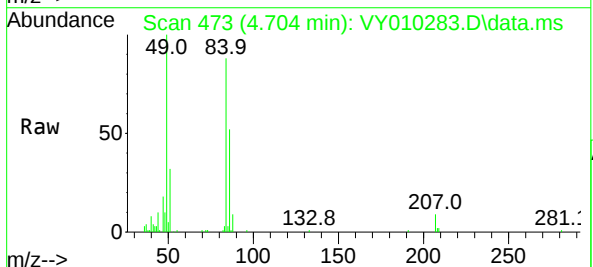
Instrument :
MSVOA_Y
ClientSampleId :
EP-4

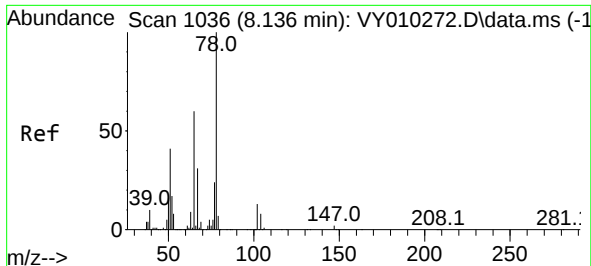
Tgt Ion:168 Resp: 305403
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#20
Methylene Chloride
Concen: 7.350 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010283.D
Acq: 02 Sep 2022 16:54

Tgt Ion: 84 Resp: 27766
Ion Ratio Lower Upper
84 100
49 113.9 114.4 171.6#
51 36.9 35.3 52.9
86 58.8 53.7 80.5

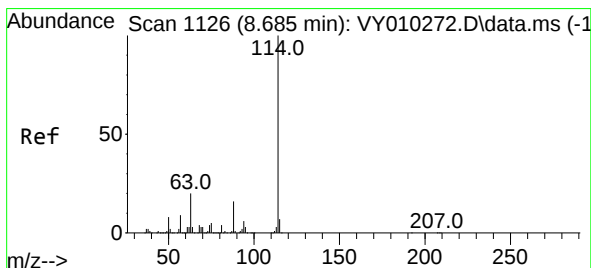
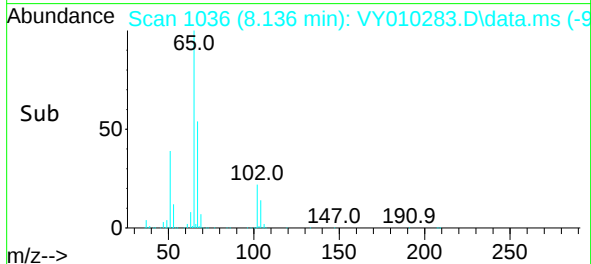
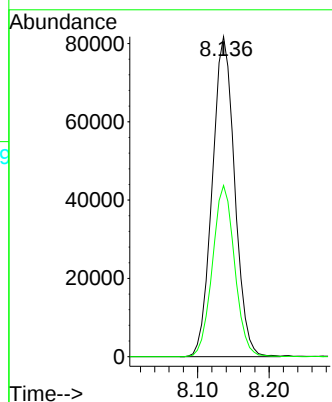
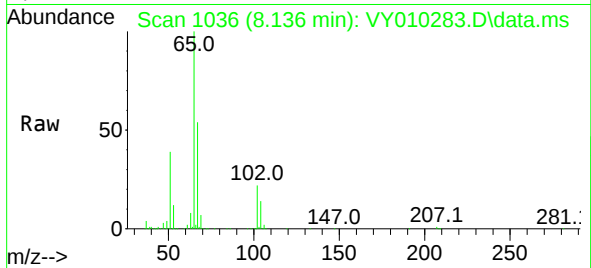




#33
 1,2-Dichloroethane-d4
 Concen: 56.780 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY010283.D
 Acq: 02 Sep 2022 16:54

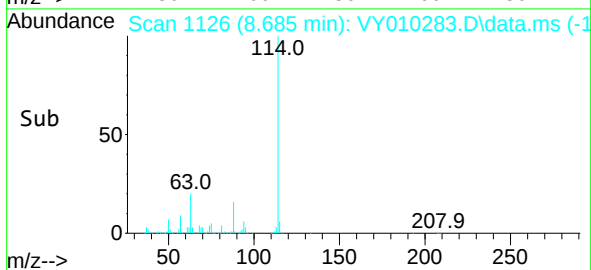
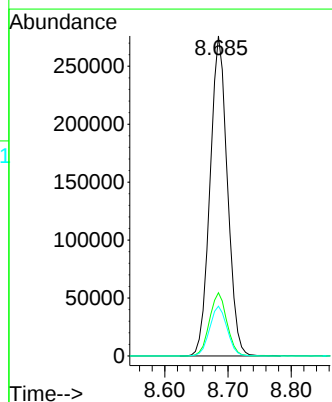
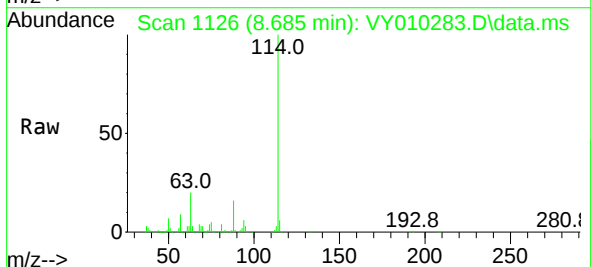
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4

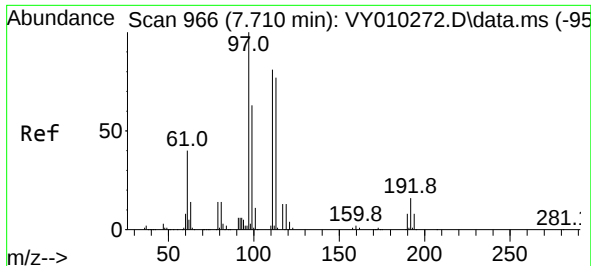
Tgt Ion: 65 Resp: 177810
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY010283.D
 Acq: 02 Sep 2022 16:54

Tgt Ion: 114 Resp: 527083
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 43.2
 88 15.6 0.0 31.8

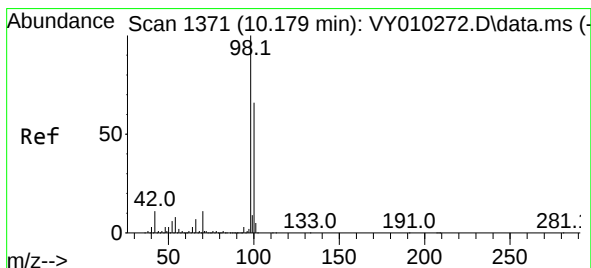
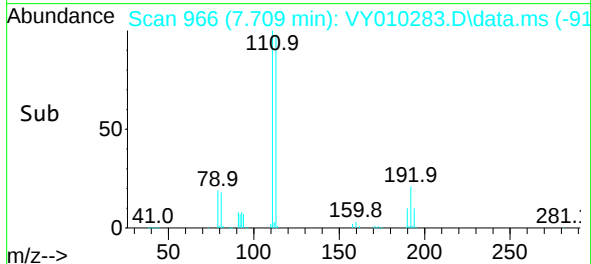
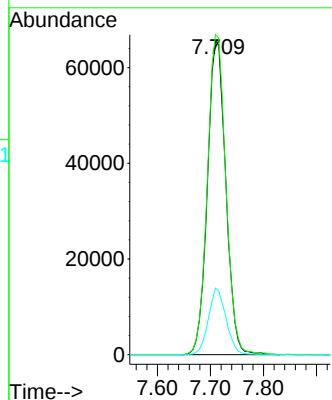
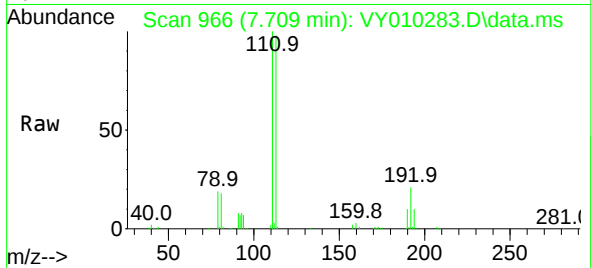




#35
Dibromofluoromethane
Concen: 45.067 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010283.D
Acq: 02 Sep 2022 16:54

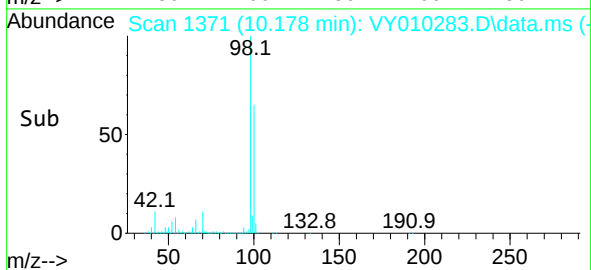
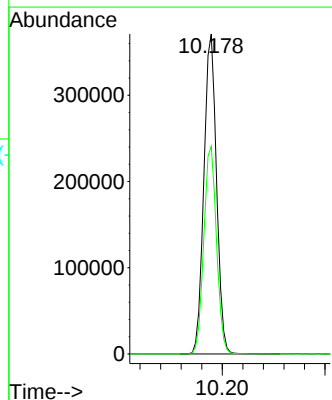
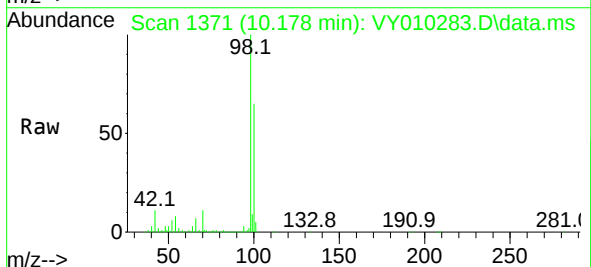
Instrument :
MSVOA_Y
ClientSampleId :
EP-4

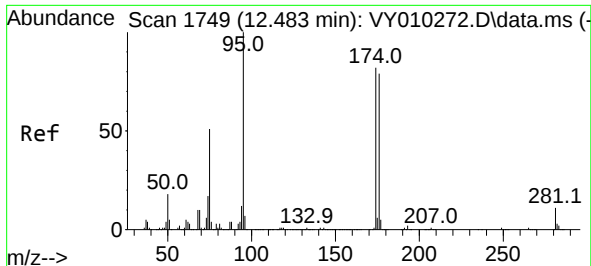
Tgt Ion:113 Resp: 158136
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.4 17.6 26.4



#50
Toluene-d8
Concen: 53.742 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010283.D
Acq: 02 Sep 2022 16:54

Tgt Ion: 98 Resp: 631346
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

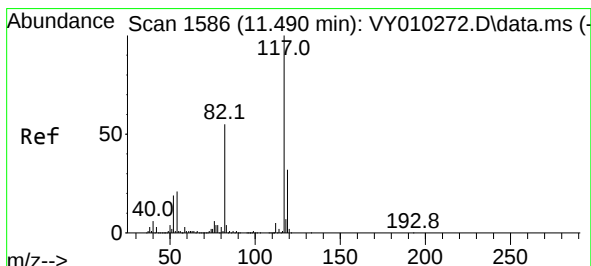
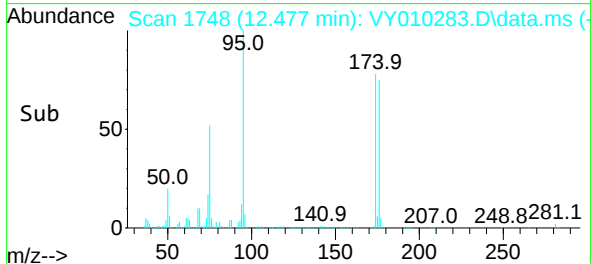
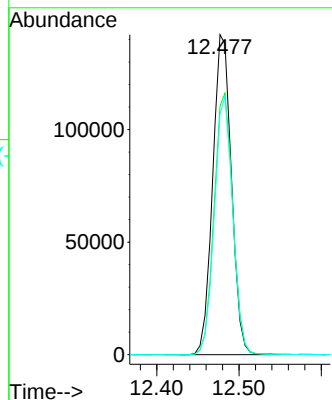
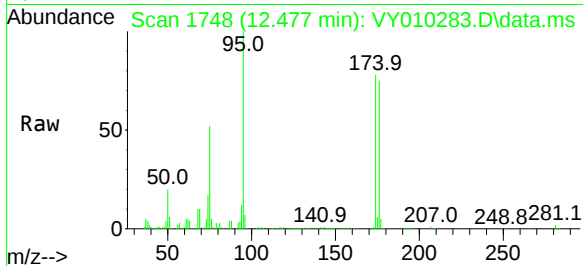




#62
4-Bromofluorobenzene
Concen: 47.434 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010283.D
Acq: 02 Sep 2022 16:54

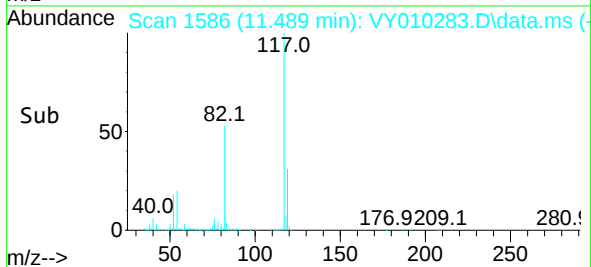
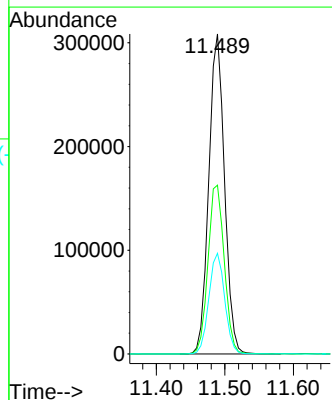
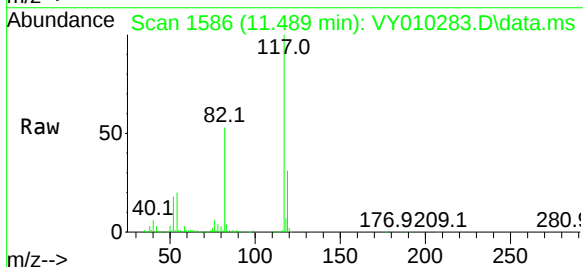
Instrument :
MSVOA_Y
ClientSampleId :
EP-4

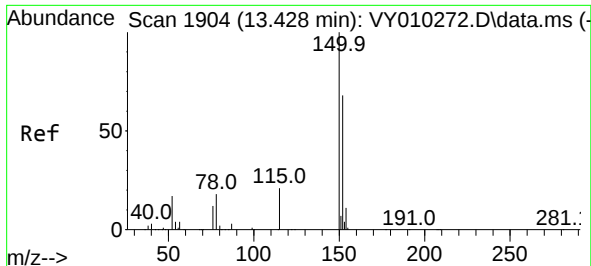
Tgt Ion: 95 Resp: 224692
Ion Ratio Lower Upper
95 100
174 82.1 0.0 177.0
176 79.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010283.D
Acq: 02 Sep 2022 16:54

Tgt Ion: 117 Resp: 491943
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.4 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: VY010283.D

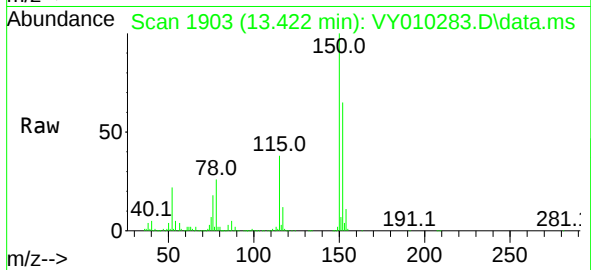
Acq: 02 Sep 2022 16:54

Instrument :

MSVOA_Y

ClientSampleId :

EP-4



Tgt Ion:152 Resp: 222890

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 157.0 0.0 347.6

