

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010299.D
 Acq On : 03 Sep 2022 00:38
 Operator : KP/MD
 Sample : N4379-04
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-10-11

Quant Time: Sep 03 06:09:51 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)

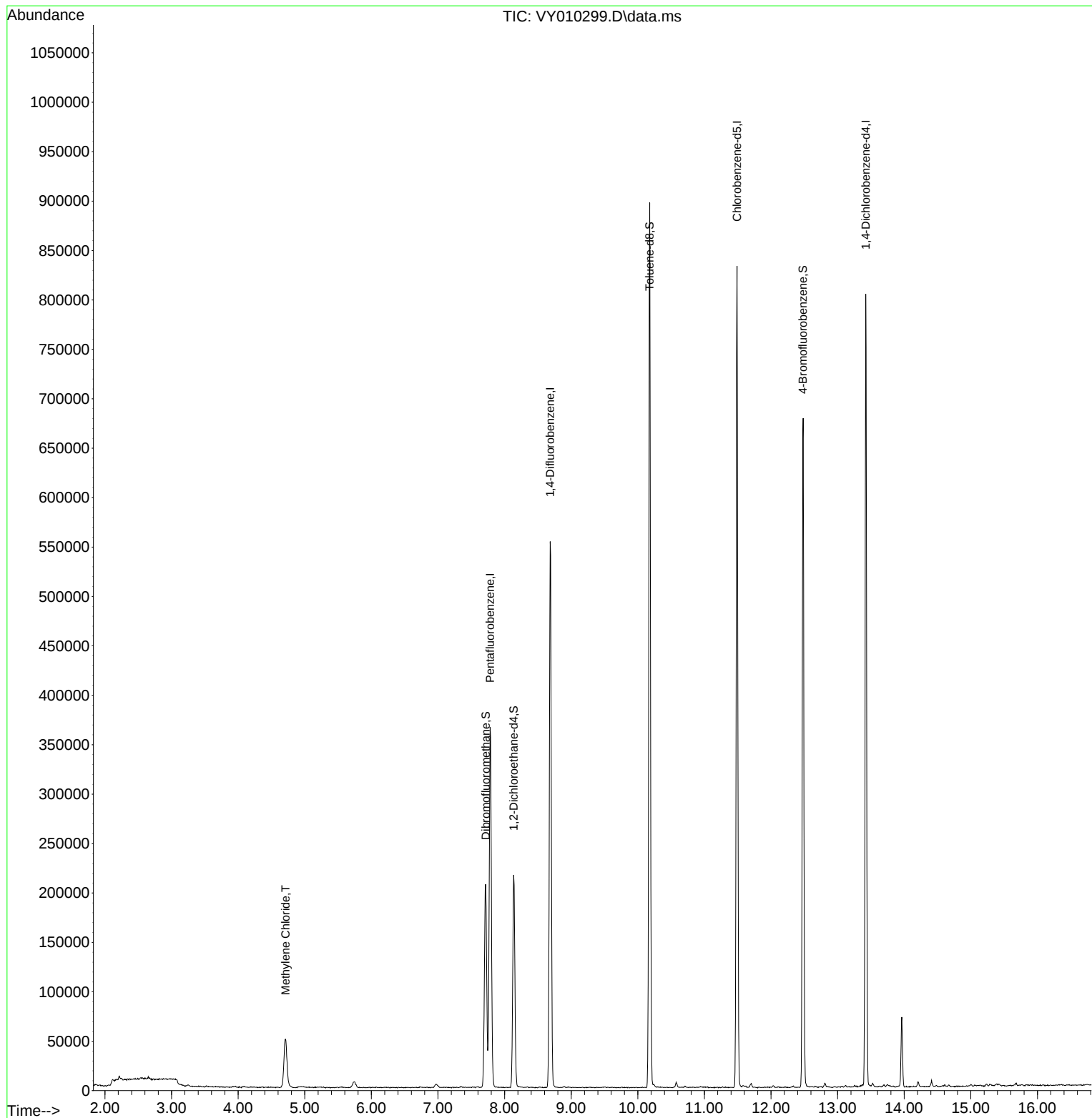
Internal Standards						
1) Pentafluorobenzene	7.783	168	291237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	488676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	455948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	206747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	169325	56.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.400%
35) Dibromofluoromethane	7.716	113	148845	45.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.500%
50) Toluene-d8	10.179	98	580050	53.256	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.520%
62) 4-Bromofluorobenzene	12.477	95	204731	46.493	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.980%
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	38930	10.806	ug/l	# 88

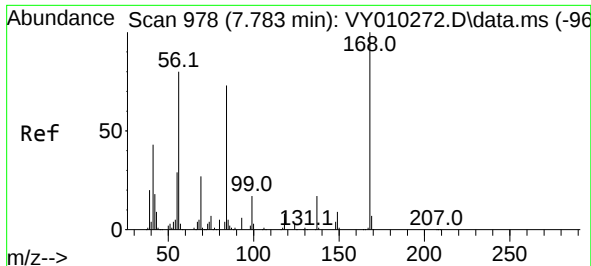
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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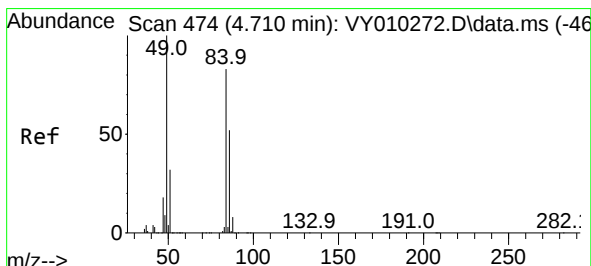
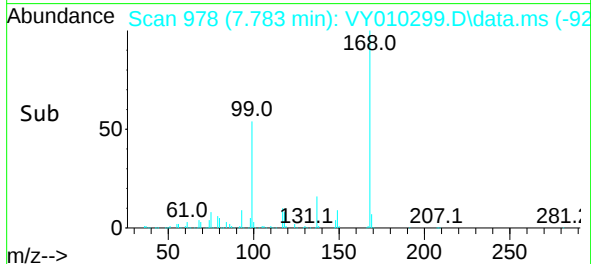
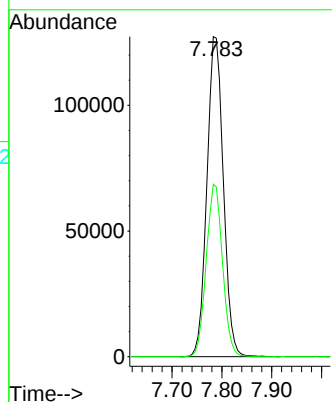
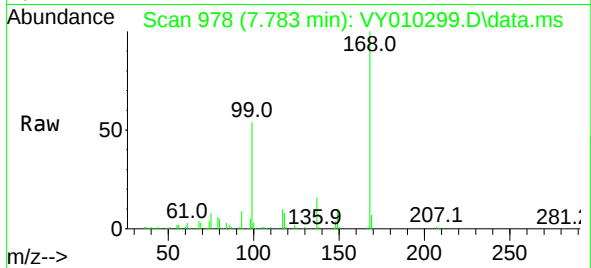




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010299.D
Acq: 03 Sep 2022 00:38

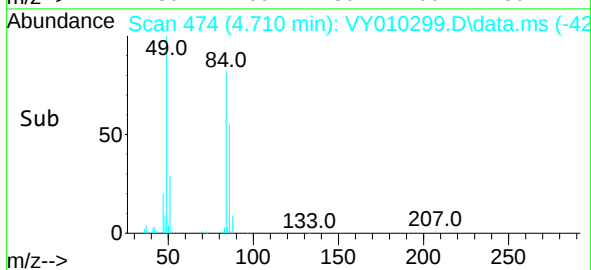
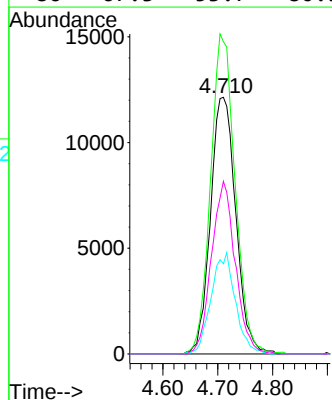
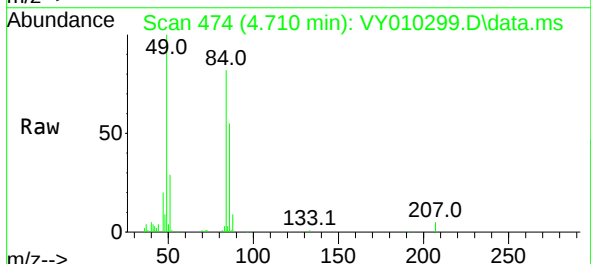
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-10-11

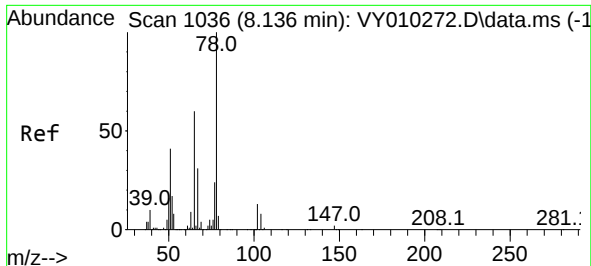
Tgt Ion:168 Resp: 291237
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#20
Methylene Chloride
Concen: 10.806 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010299.D
Acq: 03 Sep 2022 00:38

Tgt Ion: 84 Resp: 38930
Ion Ratio Lower Upper
84 100
49 121.7 114.4 171.6
51 35.2 35.3 52.9#
86 67.3 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 56.700 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010299.D

Acq: 03 Sep 2022 00:38

Instrument :

MSVOA_Y

ClientSampleId :

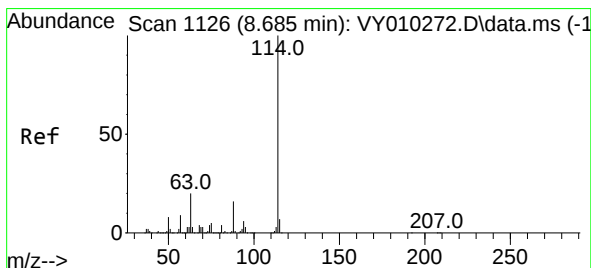
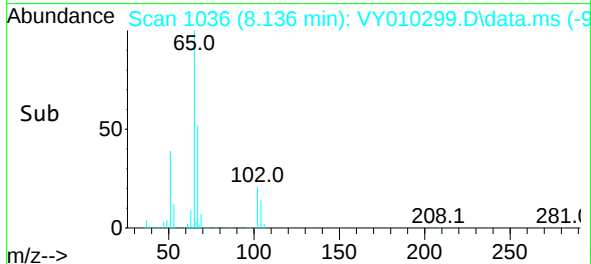
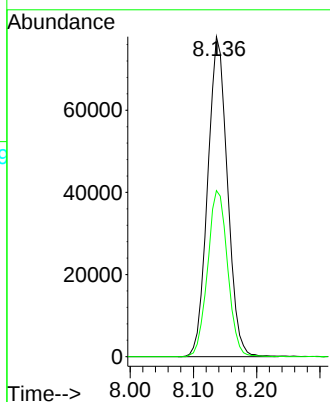
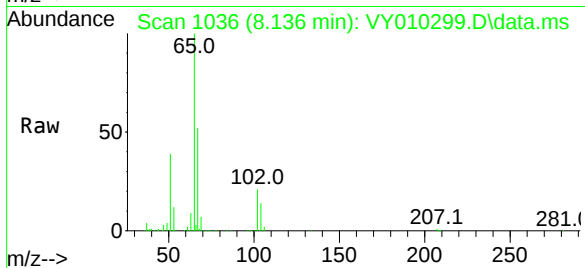
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Tgt Ion: 65 Resp: 169325

Ion Ratio Lower Upper

65 100

67 52.4 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: VY010299.D

Acq: 03 Sep 2022 00:38

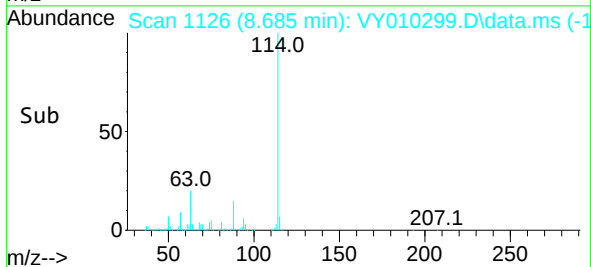
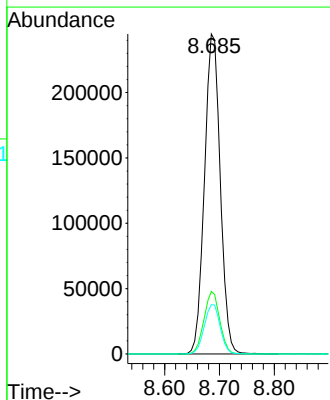
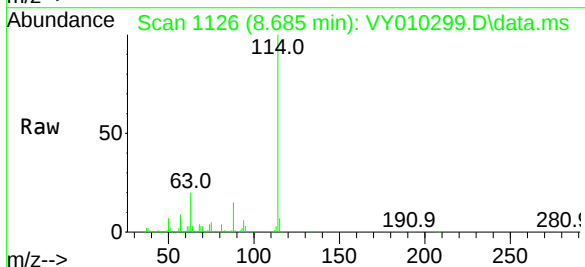
Tgt Ion: 114 Resp: 488676

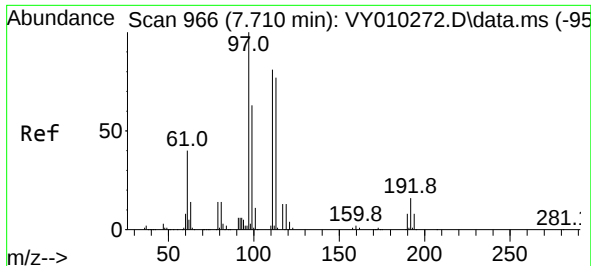
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.4 0.0 31.8

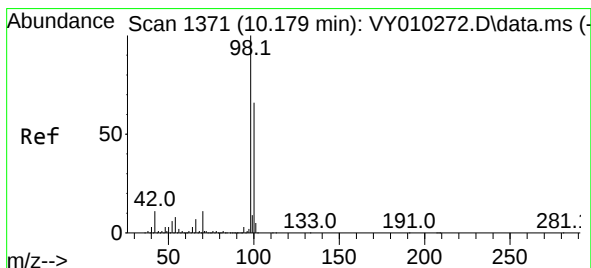
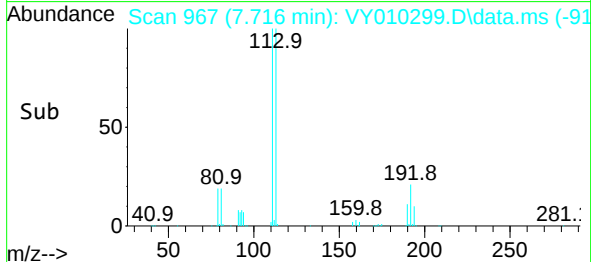
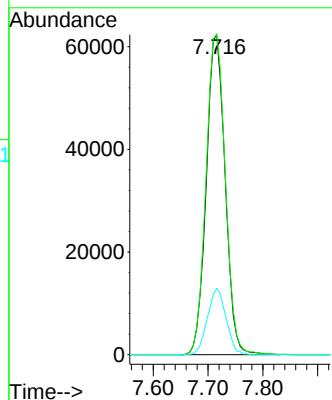
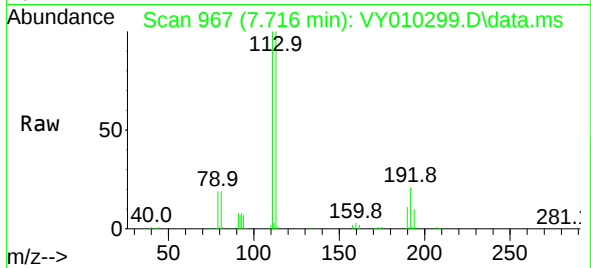




#35
Dibromofluoromethane
Concen: 45.753 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010299.D
Acq: 03 Sep 2022 00:38

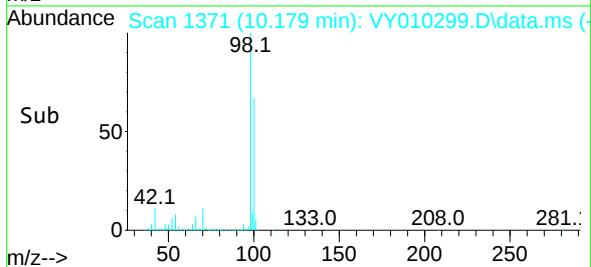
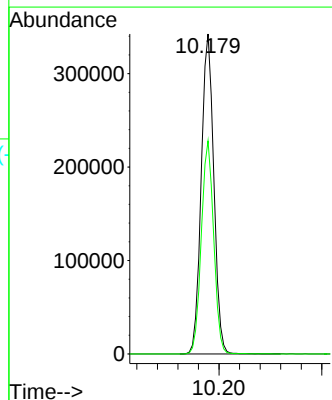
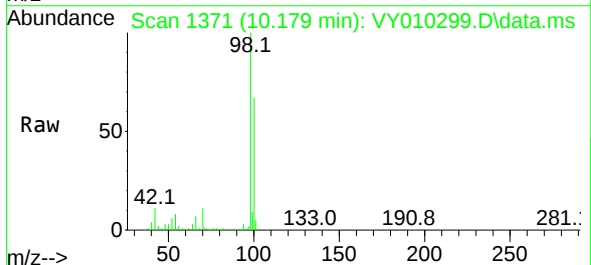
Instrument :
MSVOA_Y
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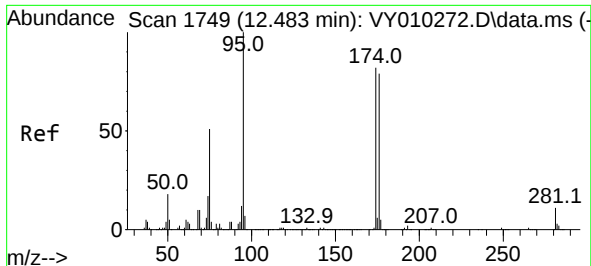
Tgt Ion:113 Resp: 148845
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.4 17.6 26.4



#50
Toluene-d8
Concen: 53.256 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010299.D
Acq: 03 Sep 2022 00:38

Tgt Ion: 98 Resp: 580050
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

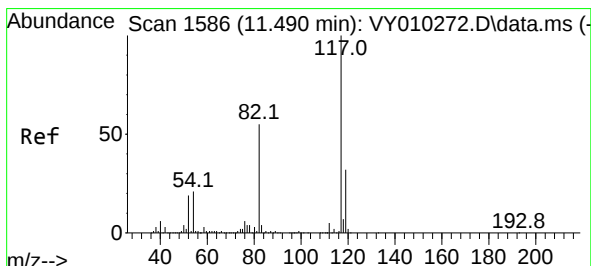
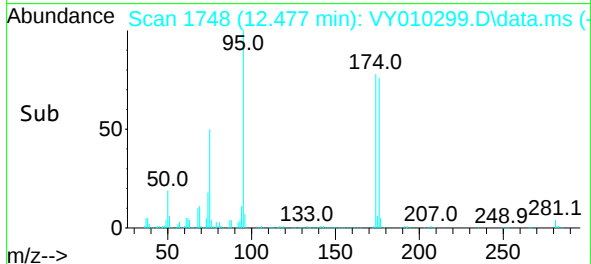
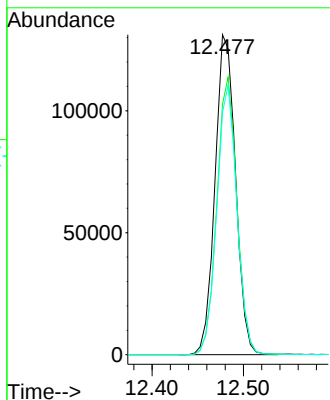
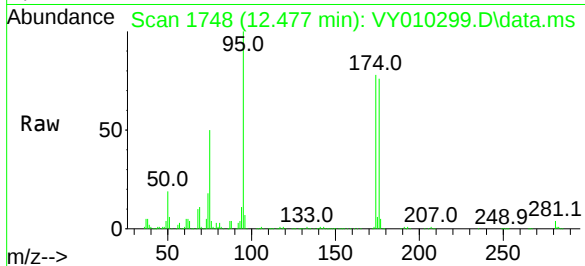




#62
4-Bromofluorobenzene
Concen: 46.493 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010299.D
Acq: 03 Sep 2022 00:38

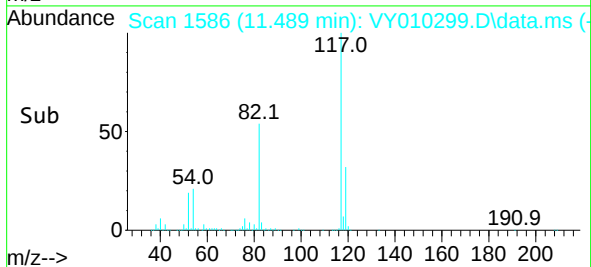
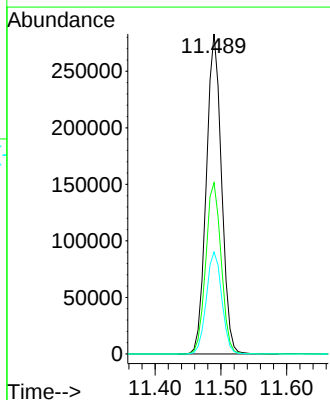
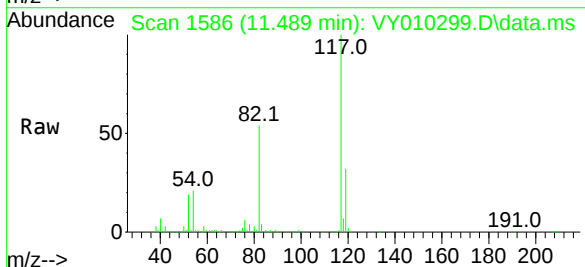
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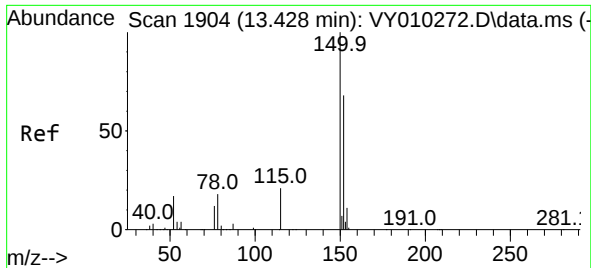
Tgt Ion: 95 Resp: 204731
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 82.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010299.D
Acq: 03 Sep 2022 00:38

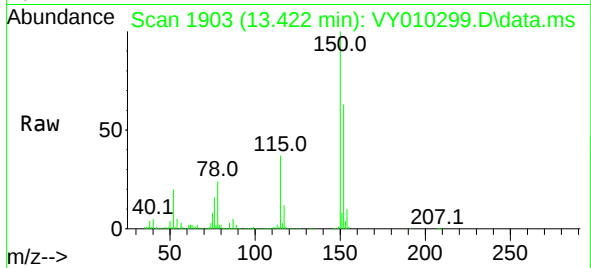
Tgt Ion: 117 Resp: 455948
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY010299.D
 Acq: 03 Sep 2022 00:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-10-11



Tgt Ion:152 Resp: 206747
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.2 84.7
 150 156.5 0.0 347.6

