

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011179.D
 Acq On : 29 Oct 2022 01:14
 Operator : KP/MD
 Sample : N5327-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LACY-03

Quant Time: Oct 29 01:41:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

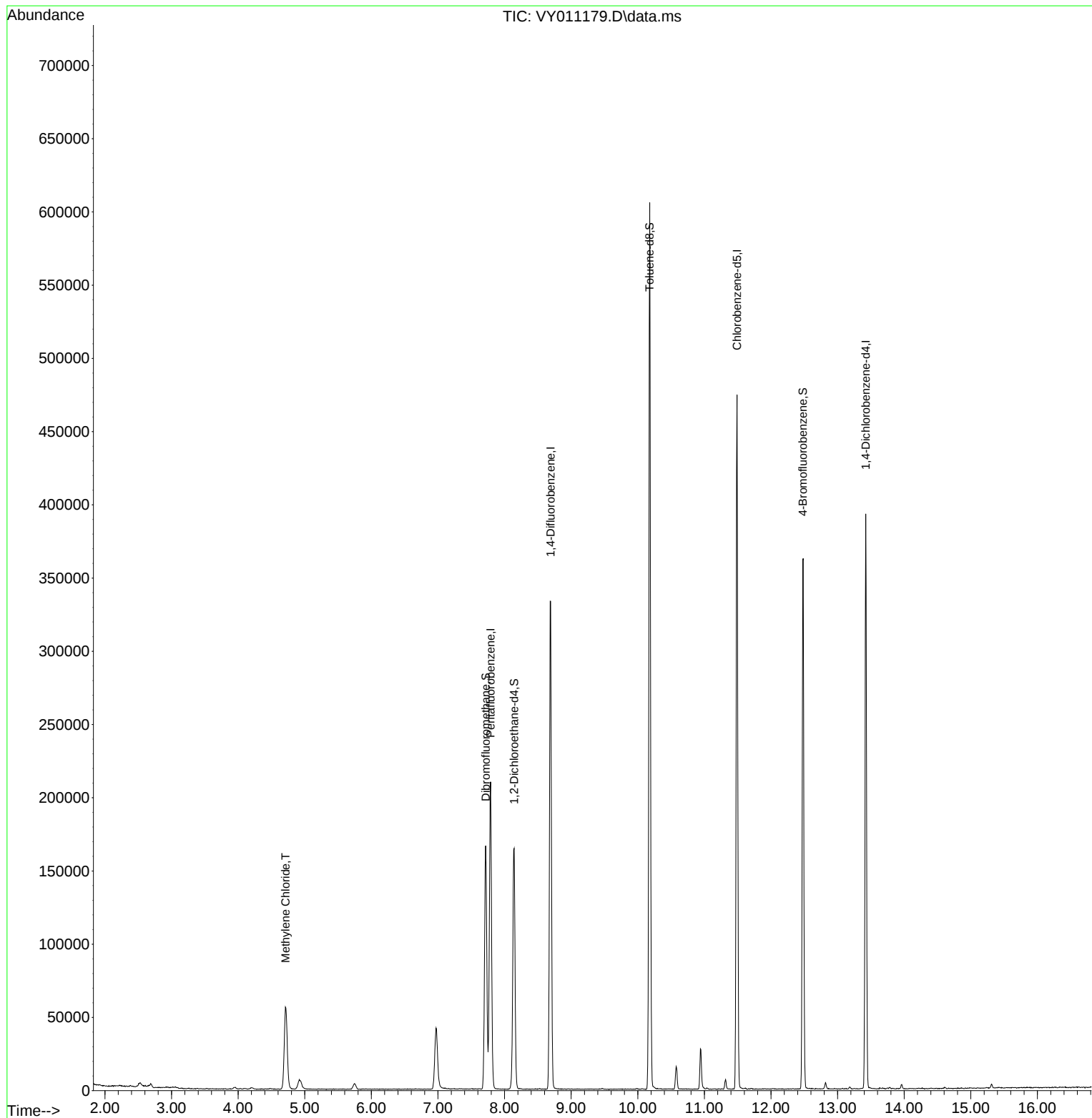
Internal Standards						
1) Pentafluorobenzene	7.789	168	162527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	298375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	263583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	129151	76.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.700%
35) Dibromofluoromethane	7.716	113	120387	65.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.220%
50) Toluene-d8	10.179	98	394175	54.225	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.440%
62) 4-Bromofluorobenzene	12.477	95	113518	47.726	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.460%
Target Compounds						
20) Methylene Chloride	4.710	84	45206	22.987	ug/l	Qvalue # 79

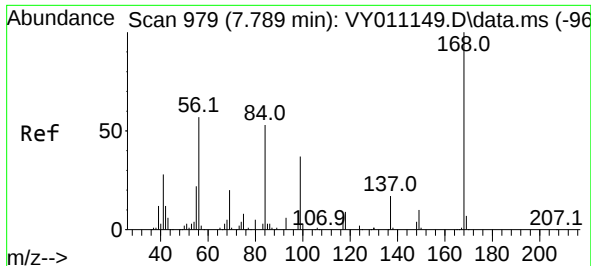
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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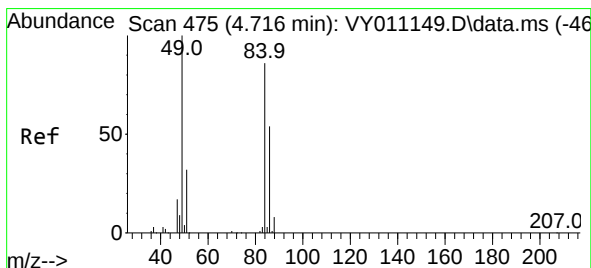
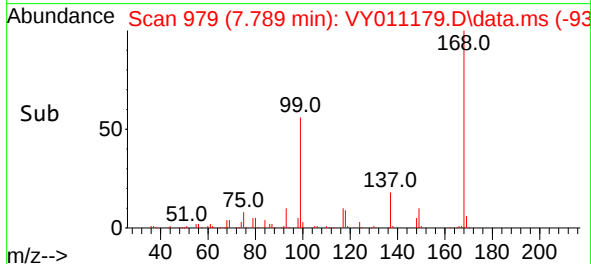
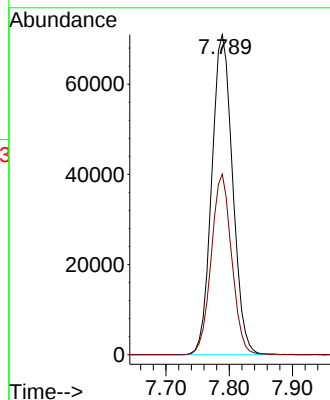
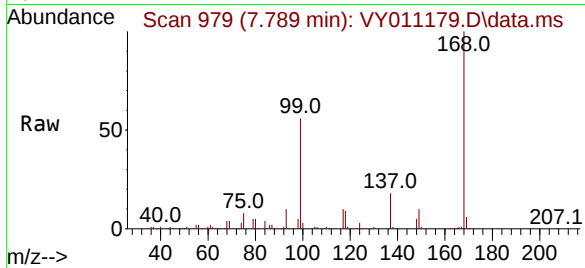




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011179.D
Acq: 29 Oct 2022 01:14

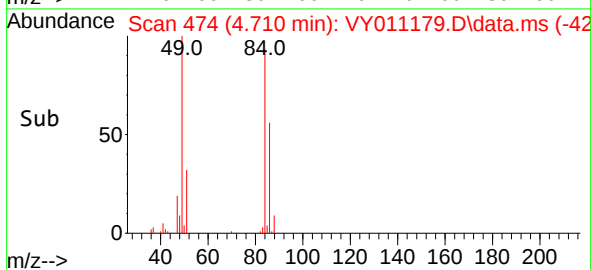
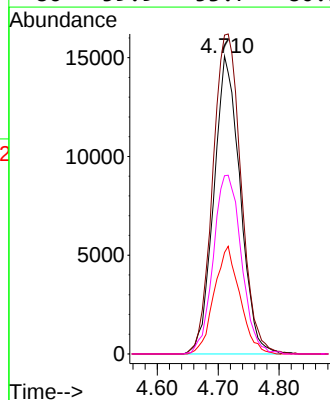
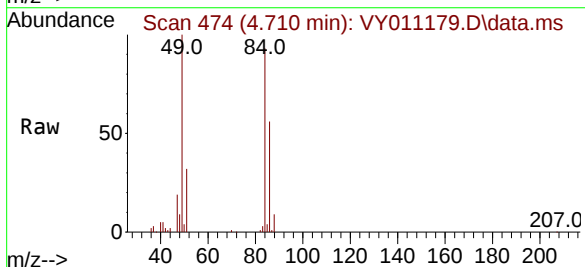
Instrument :
MSVOA_Y
ClientSampleId :
LACY-03

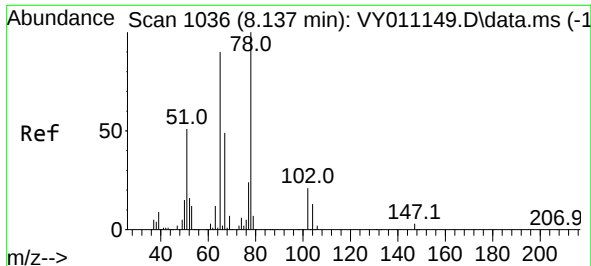
Tgt Ion:168 Resp: 162527
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#20
Methylene Chloride
Concen: 22.987 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011179.D
Acq: 29 Oct 2022 01:14

Tgt Ion: 84 Resp: 45206
Ion Ratio Lower Upper
84 100
49 107.0 114.4 171.6#
51 34.1 35.3 52.9#
86 59.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 76.850 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY011179.D

Acq: 29 Oct 2022 01:14

Instrument :

MSVOA_Y

ClientSampleId :

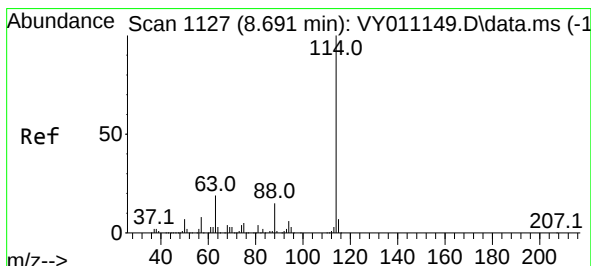
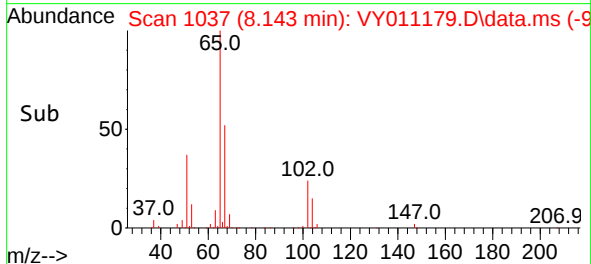
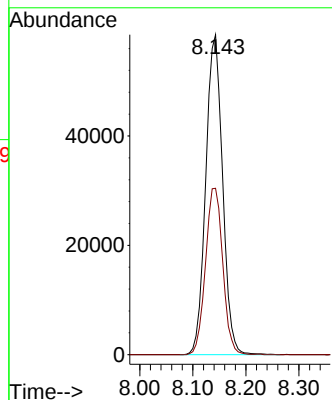
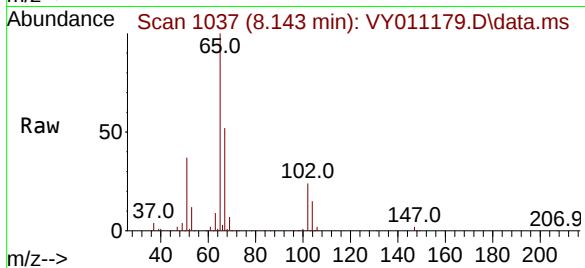
LACY-03

Tgt Ion: 65 Resp: 129151

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011179.D

Acq: 29 Oct 2022 01:14

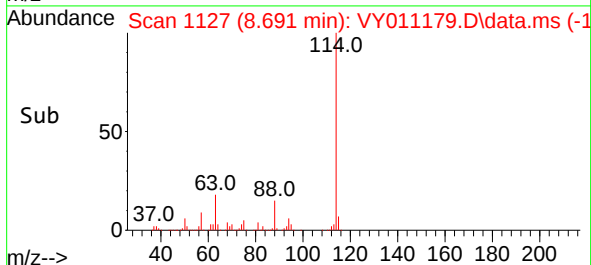
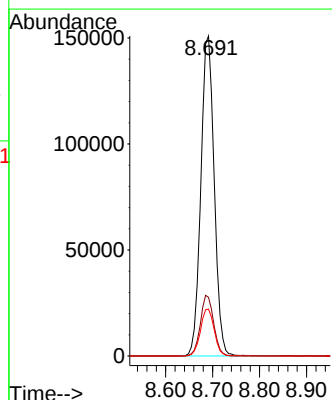
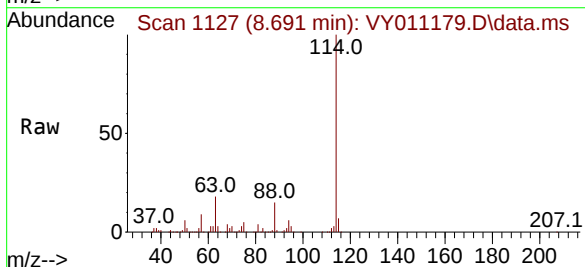
Tgt Ion: 114 Resp: 298375

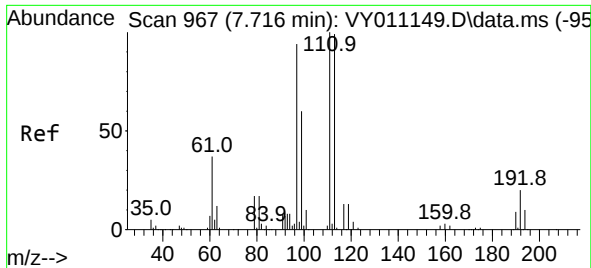
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 14.6 0.0 31.8

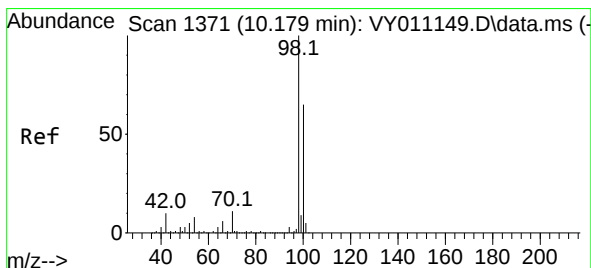
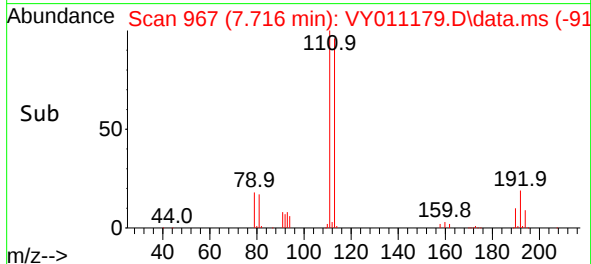
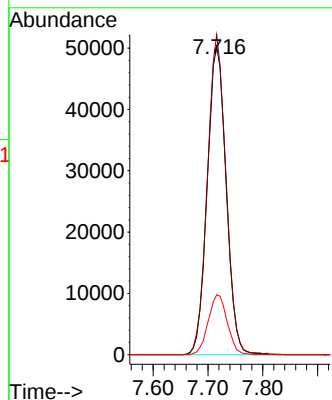
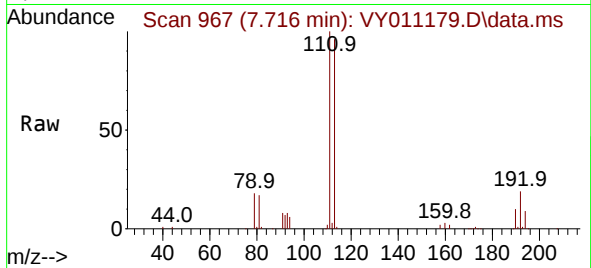




#35
Dibromofluoromethane
Concen: 65.610 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011179.D
Acq: 29 Oct 2022 01:14

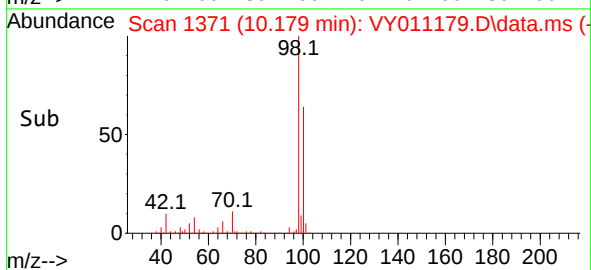
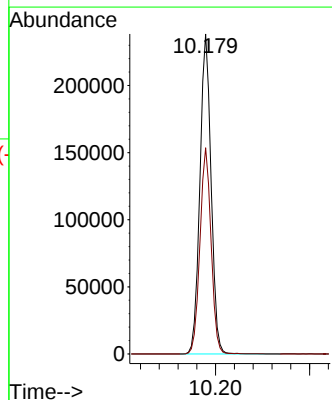
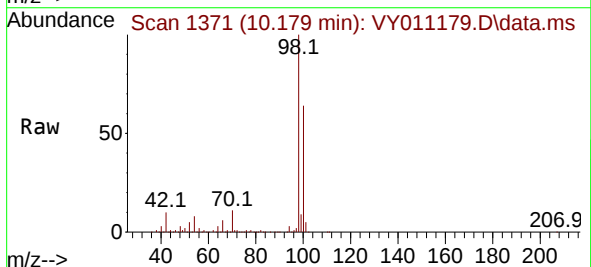
Instrument :
MSVOA_Y
ClientSampleId :
LACY-03

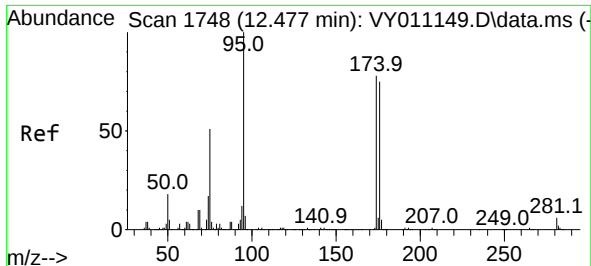
Tgt Ion:113 Resp: 120387
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.5 17.6 26.4



#50
Toluene-d8
Concen: 54.225 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011179.D
Acq: 29 Oct 2022 01:14

Tgt Ion: 98 Resp: 394175
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

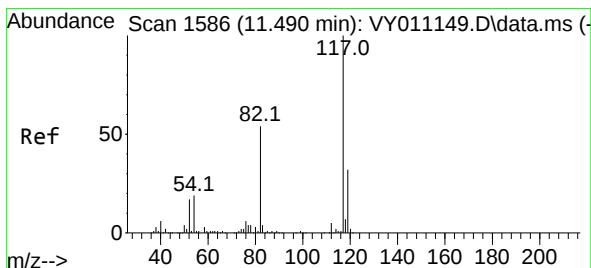
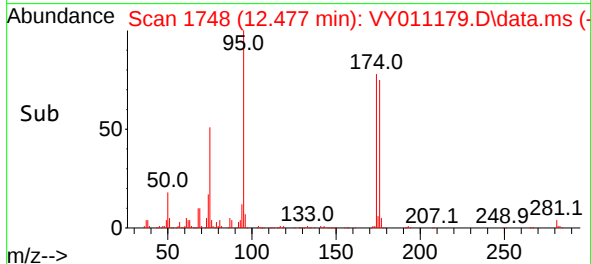
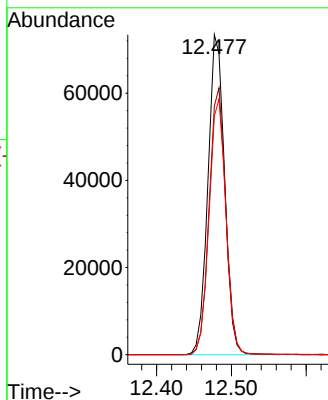
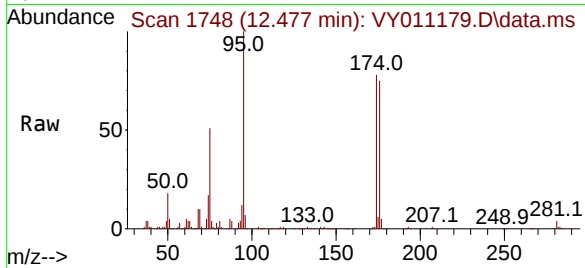




#62
4-Bromofluorobenzene
Concen: 47.726 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011179.D
Acq: 29 Oct 2022 01:14

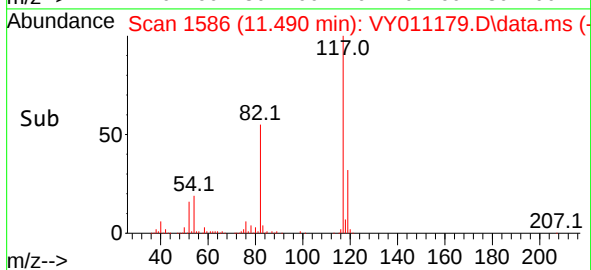
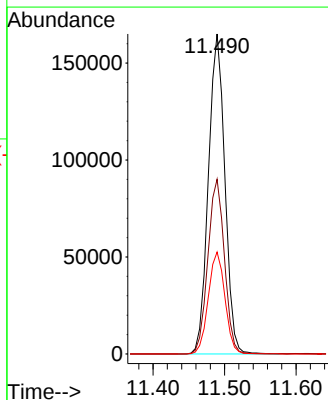
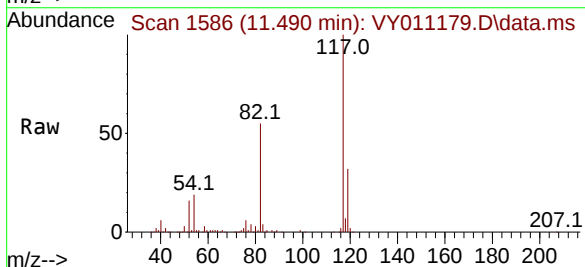
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LACY-03

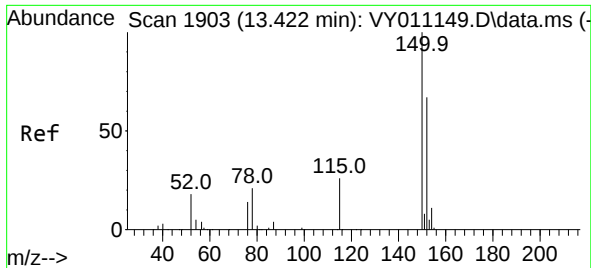
Tgt Ion: 95 Resp: 113518
Ion Ratio Lower Upper
95 100
174 83.8 0.0 177.0
176 80.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011179.D
Acq: 29 Oct 2022 01:14

Tgt Ion:117 Resp: 263583
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 31.8 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: VY011179.D
 Acq: 29 Oct 2022 01:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 LACY-03

Tgt Ion:152 Resp: 102231
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.2 84.7
 150 158.7 0.0 347.6

