

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011178.D
 Acq On : 29 Oct 2022 00:51
 Operator : KP/MD
 Sample : N5327-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LACY-05

Quant Time: Oct 29 01:41:33 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)

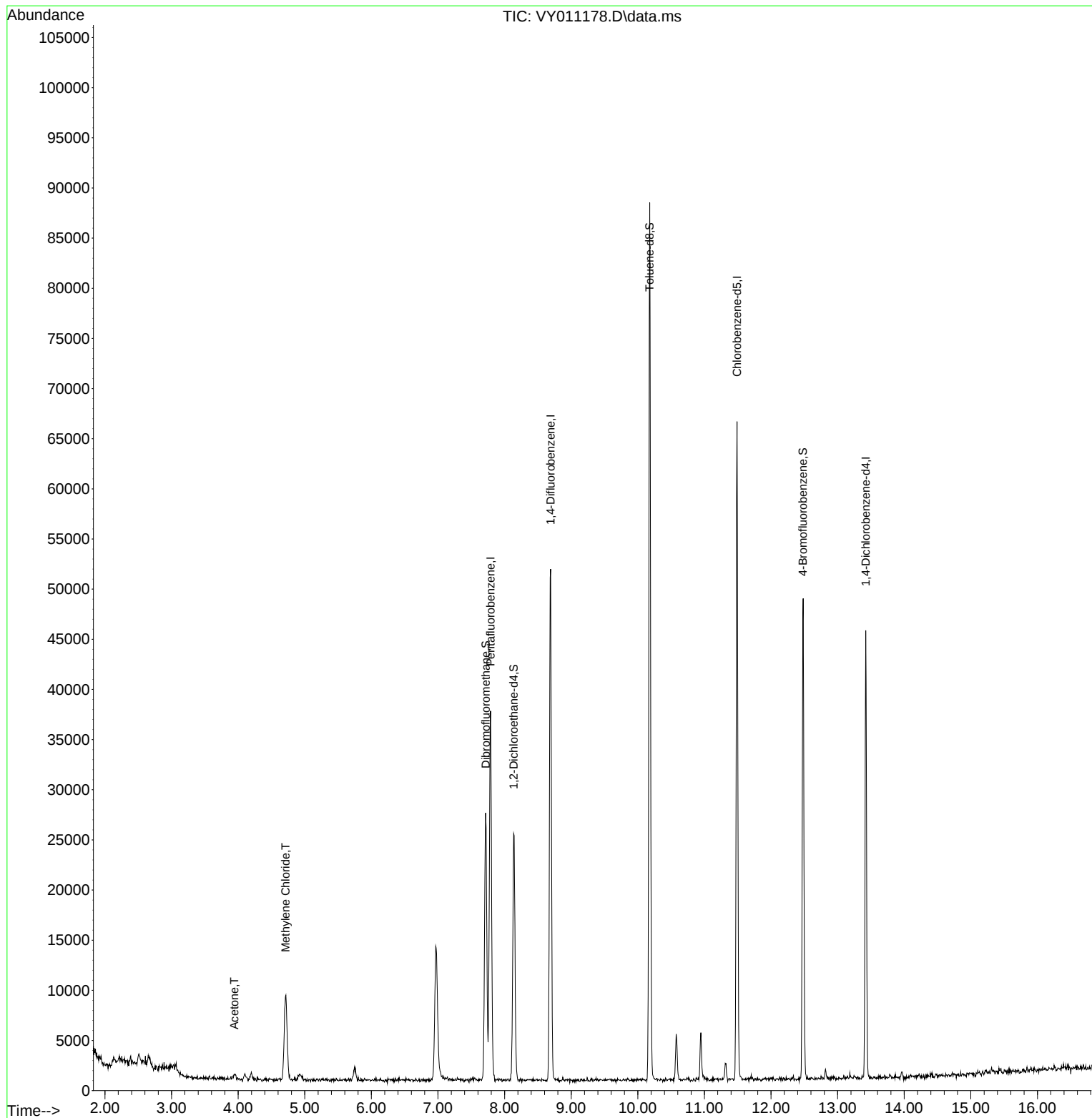
Internal Standards						
1) Pentafluorobenzene	7.789	168	29269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	45585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	37905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	12420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19391	64.071	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.140%
35) Dibromofluoromethane	7.716	113	19295	68.830	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.660%
50) Toluene-d8	10.179	98	60326	54.319	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.640%
62) 4-Bromofluorobenzene	12.477	95	14649	40.312	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.620%
Target Compounds						
16) Acetone	3.942	43	1150	15.530	ug/l #	81
20) Methylene Chloride	4.710	84	6742	17.695	ug/l #	76

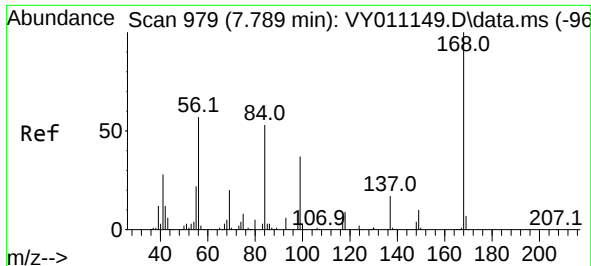
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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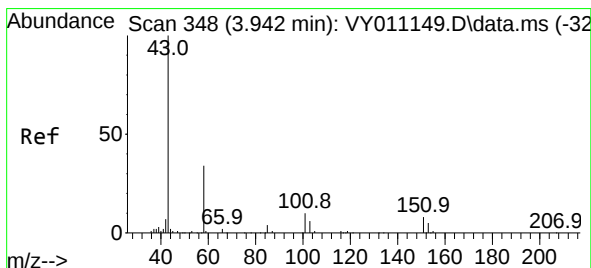
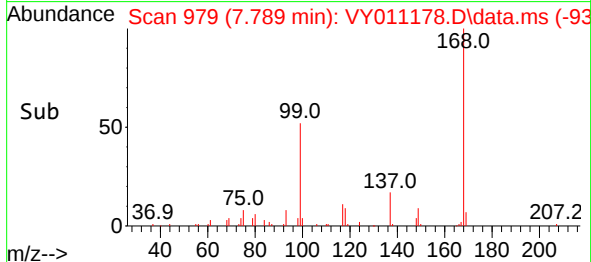
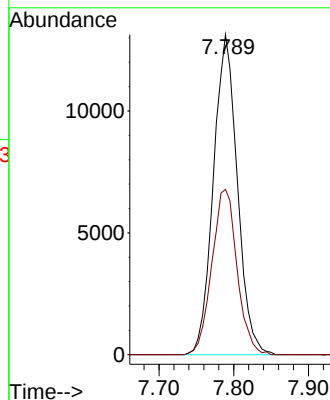
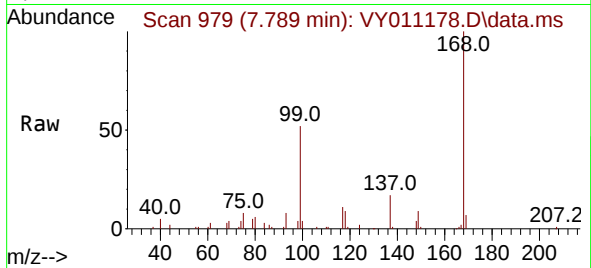




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011178.D
Acq: 29 Oct 2022 00:51

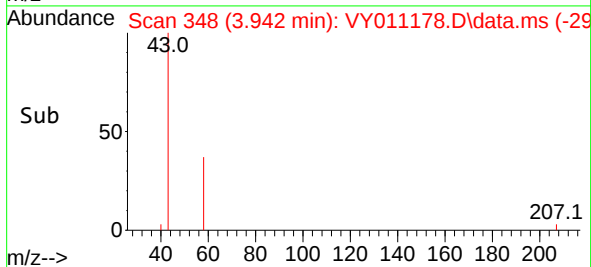
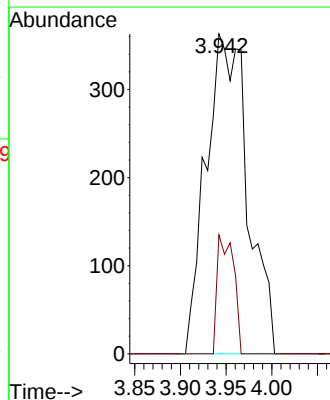
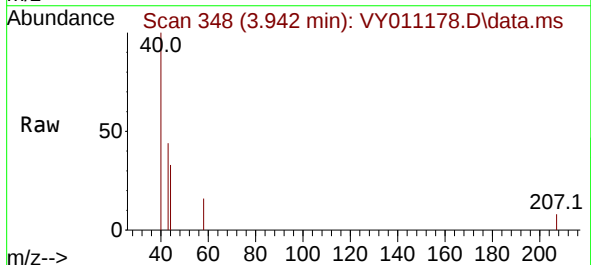
Instrument :
MSVOA_Y
ClientSampleId :
LACY-05

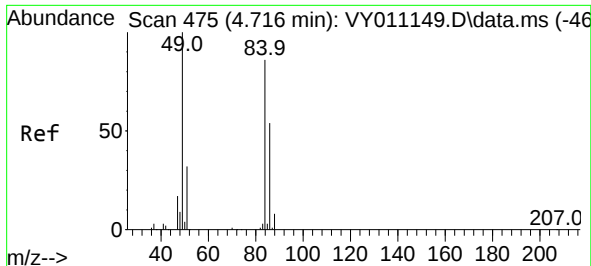
Tgt Ion:168 Resp: 29269
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#16
Acetone
Concen: 15.530 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011178.D
Acq: 29 Oct 2022 00:51

Tgt Ion: 43 Resp: 1150
Ion Ratio Lower Upper
43 100
58 37.2 22.0 33.0#

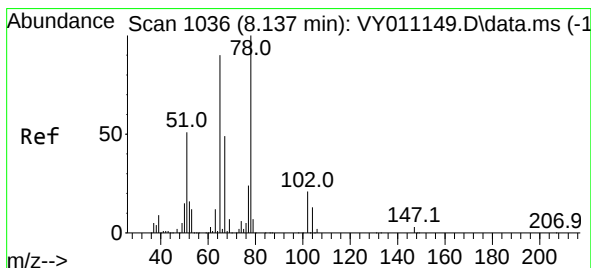
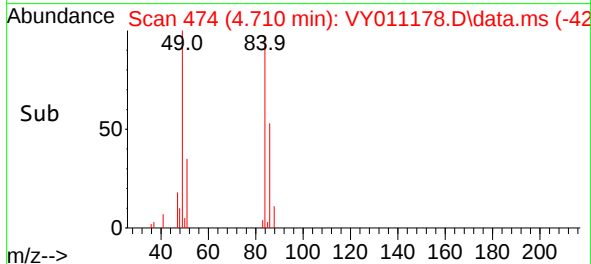
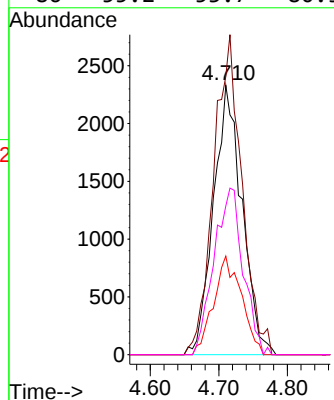
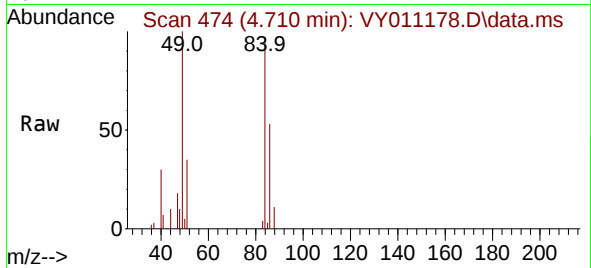




#20
Methylene Chloride
Concen: 17.695 ug/l
RT: 4.710 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY011178.D
Acq: 29 Oct 2022 00:51

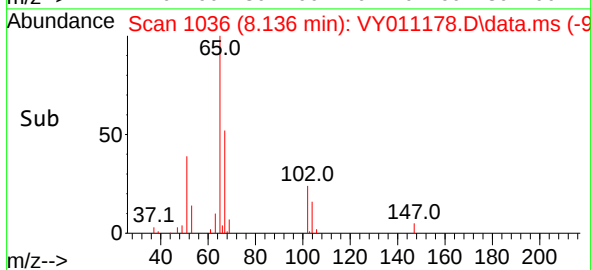
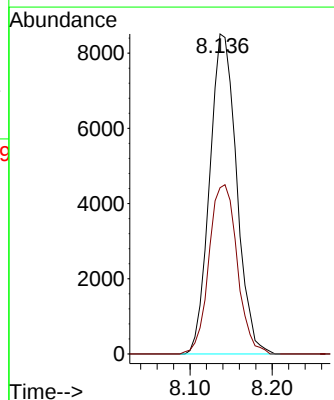
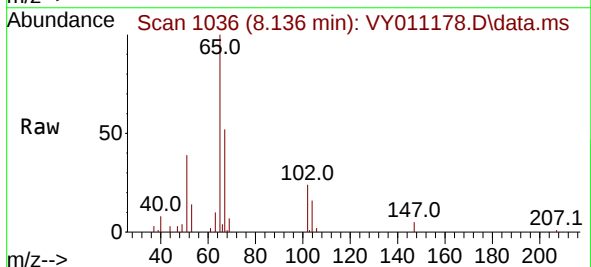
Instrument :
MSVOA_Y
ClientSampleId :
LACY-05

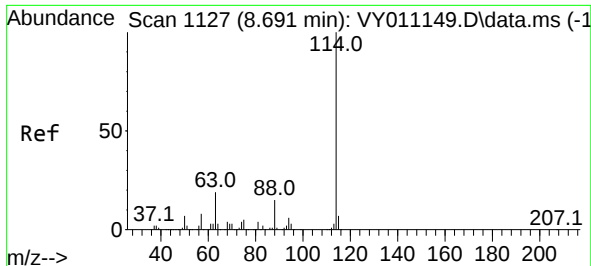
Tgt Ion: 84 Resp: 6742
Ion Ratio Lower Upper
84 100
49 103.3 114.4 171.6#
51 36.6 35.3 52.9
86 55.2 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 64.071 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY011178.D
Acq: 29 Oct 2022 00:51

Tgt Ion: 65 Resp: 19391
Ion Ratio Lower Upper
65 100
67 55.3 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: VY011178.D

Acq: 29 Oct 2022 00:51

Instrument :

MSVOA_Y

ClientSampleId :

LACY-05

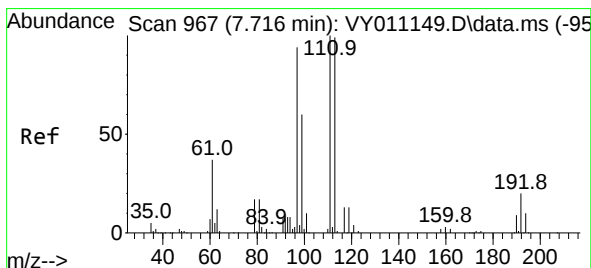
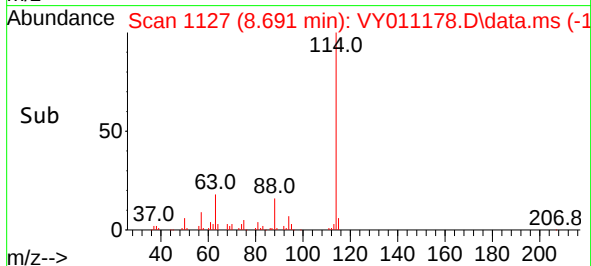
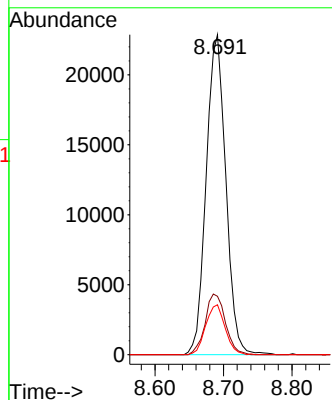
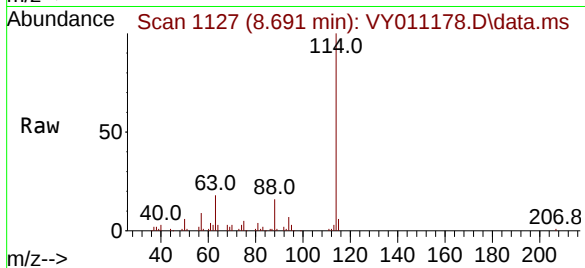
Tgt Ion:114 Resp: 45585

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 68.830 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011178.D

Acq: 29 Oct 2022 00:51

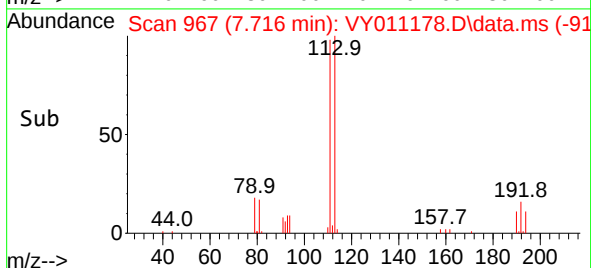
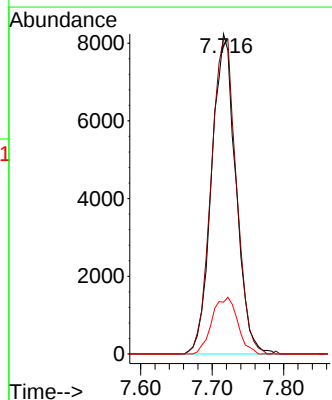
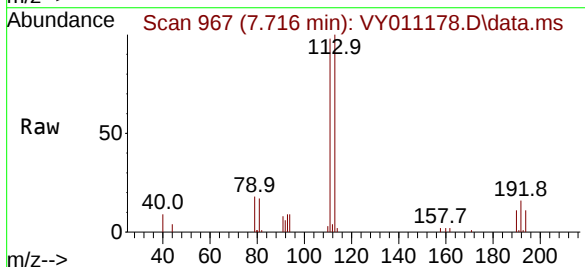
Tgt Ion:113 Resp: 19295

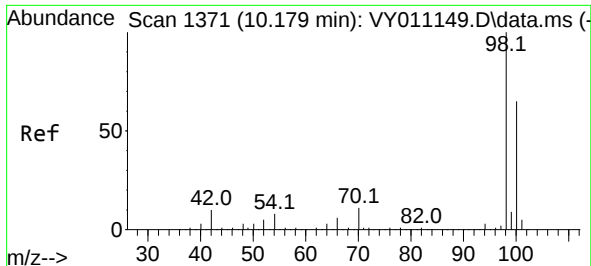
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 18.8 17.6 26.4

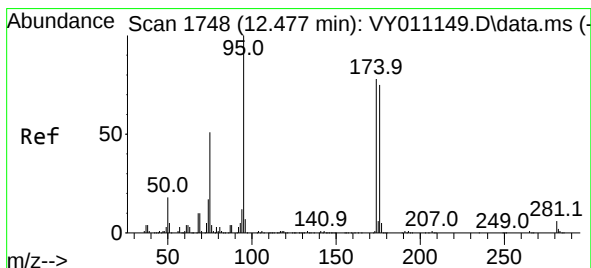
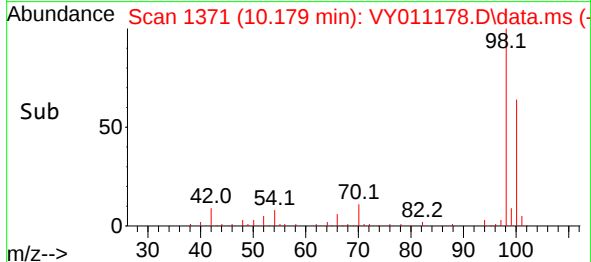
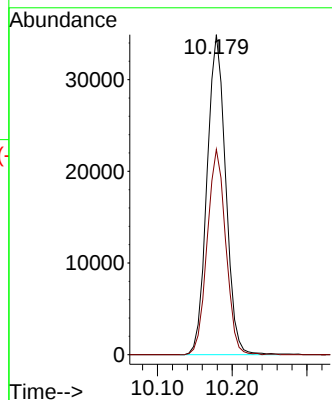
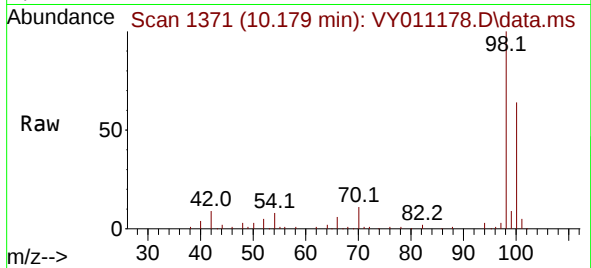




#50
Toluene-d8
Concen: 54.319 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011178.D
Acq: 29 Oct 2022 00:51

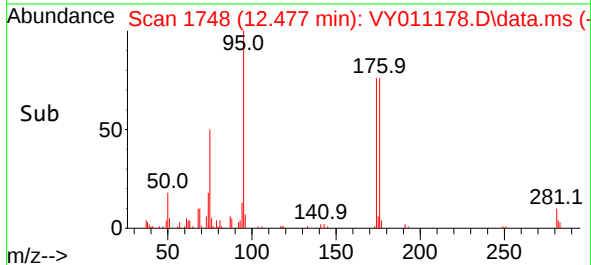
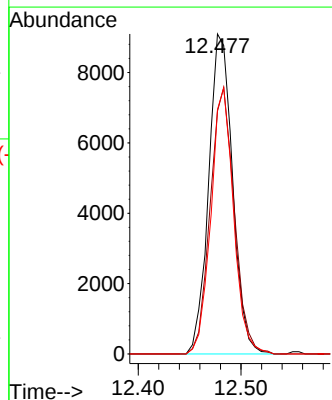
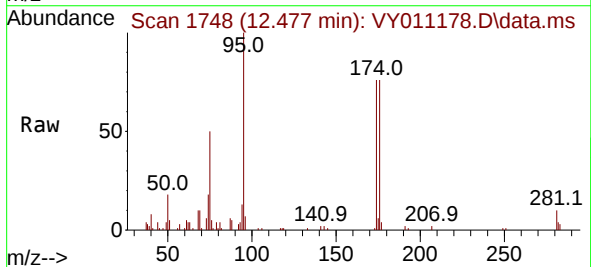
Instrument :
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ClientSampleId :
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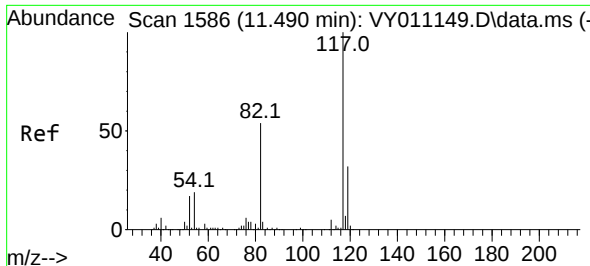
Tgt Ion: 98 Resp: 60326
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.312 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY011178.D
Acq: 29 Oct 2022 00:51

Tgt Ion: 95 Resp: 14649
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 78.7 0.0 175.8

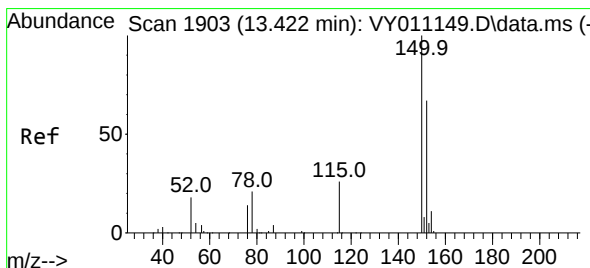
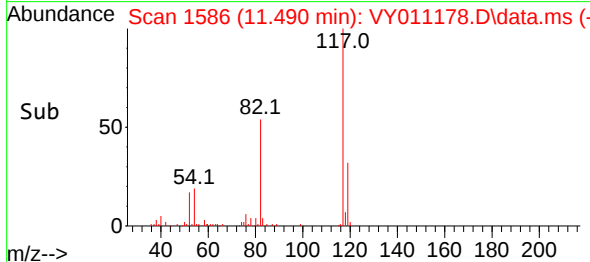
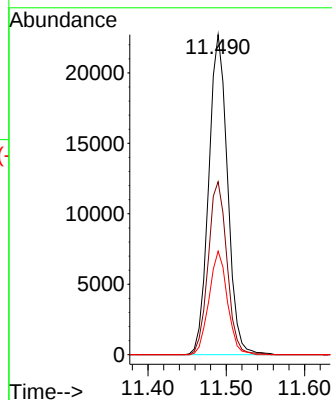
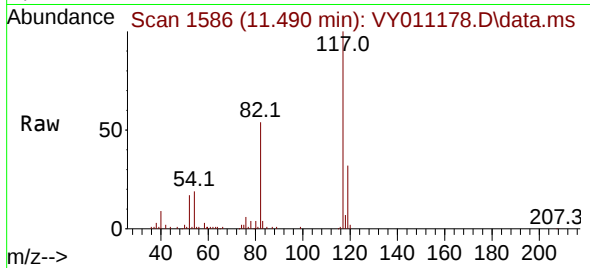




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11586
Delta R.T. -0.000 min
Lab File: VY011178.D
Acq: 29 Oct 2022 00:51

Instrument :
MSVOA_Y
ClientSampleId :
LACY-05

Tgt Ion:117 Resp: 37905
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.3 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: VY011178.D
Acq: 29 Oct 2022 00:51

Tgt Ion:152 Resp: 12420
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 153.6 0.0 347.6

